

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120242.D
 Acq On : 30 Apr 2020 16:34
 Operator : MA/SJ
 Sample : PB128574BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

Quant Time: Apr 30 17:05:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	95962	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	333565	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	187243	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	364587	20.00	ng	0.00
76) Chrysene-d12	13.82	240	274405	20.00	ng	0.00
87) Perylene-d12	15.23	264	314178	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	715843	128.92	ng	0.00
7) Phenol-d6	6.30	99	913208	127.63	ng	0.00
23) Nitrobenzene-d5	7.22	82	562840	87.29	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	247067	107.77	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1117519	84.74	ng	0.00
79) Terphenyl-d14	12.77	244	1333678	81.78	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	92761	37.506	ng	97
3) Pyridine	2.92	79	259842	38.293	ng	96
4) n-Nitrosodimethylamine	2.87	42	148494	42.831	ng	99
6) Aniline	6.31	93	348552	37.115	ng	# 69
8) 2-Chlorophenol	6.44	128	290778	46.868	ng	98
9) Benzaldehyde	6.19	77	106799	22.797	ng	97
10) Phenol	6.32	94	363985	44.841	ng	81
11) bis(2-Chloroethyl)ether	6.39	93	271645	43.342	ng	99
12) 1,3-Dichlorobenzene	6.59	146	299870	44.148	ng	97
13) 1,4-Dichlorobenzene	6.67	146	304742	44.043	ng	100
14) 1,2-Dichlorobenzene	6.82	146	283192	44.411	ng	98
15) Benzyl Alcohol	6.80	79	236757	42.603	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	472285	38.724	ng	82
17) 2-Methylphenol	6.92	107	227359	41.063	ng	95
18) Hexachloroethane	7.16	117	111017	42.933	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	193353	42.024	ng	98
20) 3+4-Methylphenols	7.08	107	299436	44.219	ng	# 79
22) Acetophenone	7.06	105	390473	49.990	ng	# 98
24) Nitrobenzene	7.23	77	297869	45.924	ng	97
25) Isophorone	7.47	82	524152	42.170	ng	98
26) 2-Nitrophenol	7.55	139	150011	46.292	ng	99
27) 2,4-Dimethylphenol	7.60	122	232521	47.577	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	330981	45.253	ng	99
29) 2,4-Dichlorophenol	7.80	162	226257	45.165	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	235228	41.441	ng	98
31) Naphthalene	7.96	128	760324	43.324	ng	98
32) Benzoic acid	7.73	122	161966	37.734	ng	92
33) 4-Chloroaniline	8.01	127	202377	26.489	ng	99
34) Hexachlorobutadiene	8.07	225	136569	40.193	ng	99
35) Caprolactam	8.38	113	41958	27.380	ng	96
36) 4-Chloro-3-methylphenol	8.51	107	250823	46.246	ng	96
37) 2-Methylnaphthalene	8.65	142	553992	46.561	ng	98
38) 1-Methylnaphthalene	8.75	142	519843	46.354	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	248861	42.080	ng	99

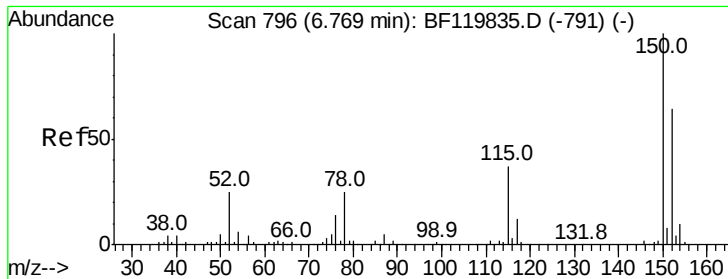
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120242.D
 Acq On : 30 Apr 2020 16:34
 Operator : MA/SJ
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Quant Time: Apr 30 17:05:34 2020
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 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	221510	65.869	nq	98
43) 2,4,6-Trichlorophenol	8.94	196	165486	40.522	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	170056	36.972	nq	96
46) 1,1'-Biphenyl	9.12	154	662417	41.914	nq	100
47) 2-Chloronaphthalene	9.14	162	518020	42.548	nq	99
48) 2-Nitroaniline	9.25	65	184084	41.723	nq	93
49) Acenaphthylene	9.56	152	813105	43.915	nq	97
50) Dimethylphthalate	9.43	163	604550	41.742	nq	99
51) 2,6-Dinitrotoluene	9.49	165	133685	42.152	nq #	88
52) Acenaphthene	9.73	154	481850	39.013	nq	99
53) 3-Nitroaniline	9.66	138	105976	29.257	nq	93
54) 2,4-Dinitrophenol	9.77	184	137866	72.607	nq #	90
55) Dibenzofuran	9.90	168	740276	43.677	nq	98
56) 4-Nitrophenol	9.85	139	192736	71.514	nq	99
57) 2,4-Dinitrotoluene	9.89	165	179682	43.001	nq	97
58) Fluorene	10.25	166	588075	43.385	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	148698	42.269	nq	96
60) Diethylphthalate	10.13	149	617189	41.117	nq	99
61) 4-Chlorophenyl-phenylether	10.24	204	281930	40.581	nq	98
62) 4-Nitroaniline	10.27	138	148916	43.139	nq	99
63) Azobenzene	10.40	77	587106	43.643	nq	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	99116	41.265	nq	87
66) n-Nitrosodiphenylamine	10.36	169	516297	42.581	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	169710	37.430	nq	99
68) Hexachlorobenzene	10.79	284	188395	40.959	nq	98
69) Atrazine	10.89	200	161328	47.821	nq	99
70) Pentachlorophenol	10.99	266	156466	59.030	nq	99
71) Phenanthrene	11.20	178	853526	43.988	nq	98
72) Anthracene	11.26	178	890864	44.943	nq	98
73) Carbazole	11.42	167	812278	43.333	nq	98
74) Di-n-butylphthalate	11.75	149	1015805	41.222	nq	99
75) Fluoranthene	12.39	202	967955	46.233	nq	97
77) Benzidine	12.52	184	567147	61.143	nq	98
78) Pyrene	12.62	202	977481	42.255	nq	97
80) Butylbenzylphthalate	13.25	149	433732	38.640	nq	97
81) Benzo(a)anthracene	13.81	228	800289	44.332	nq	100
82) 3,3'-Dichlorobenzidine	13.78	252	209354	31.081	nq	95
83) Chrysene	13.85	228	859269	46.846	nq	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	578679	38.069	nq	98
85) Di-n-octyl phthalate	14.43	149	1016858	39.289	nq	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	973036	60.180	nq	99
88) Benzo(b)fluoranthene	14.83	252	890457	39.399	nq	100
89) Benzo(k)fluoranthene	14.86	252	829179	42.520	nq	98
90) Benzo(a)pyrene	15.17	252	805800	42.404	nq	98
91) Dibenzo(a,h)anthracene	16.60	278	807092	47.948	nq	99
92) Benzo(g,h,i)perylene	16.99	276	763606	45.957	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

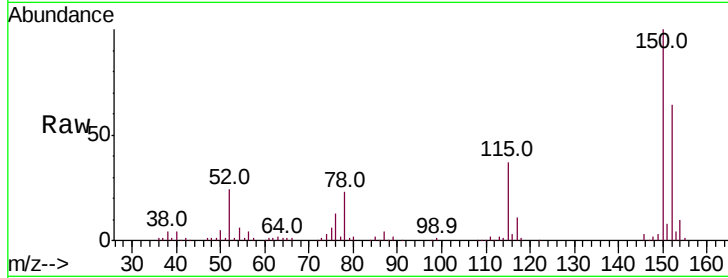


#1

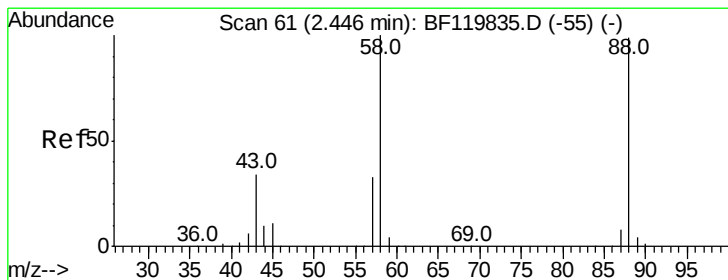
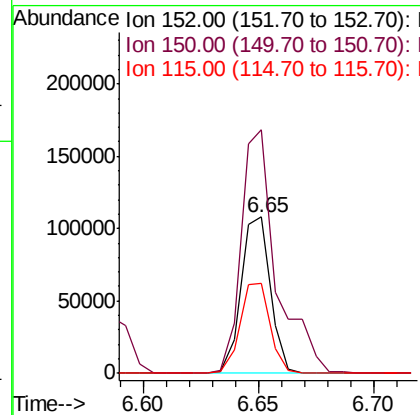
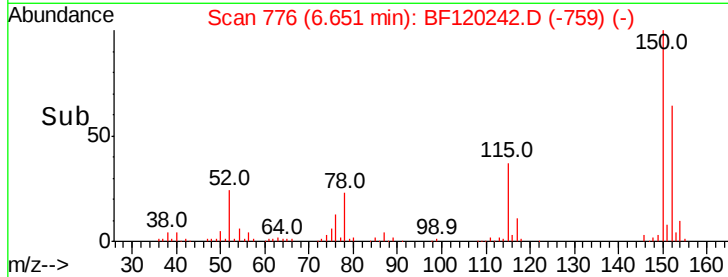
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PB128574BSD

Tot Ion:152 Resp: 95962
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 57.2 49.6 74.4



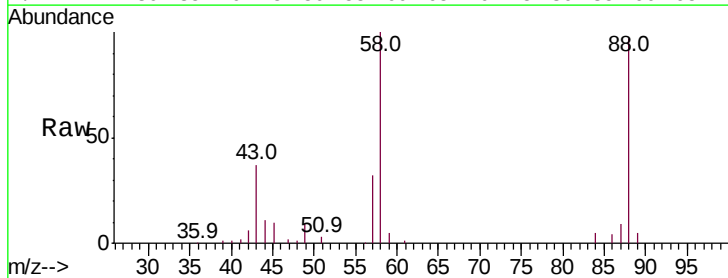
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



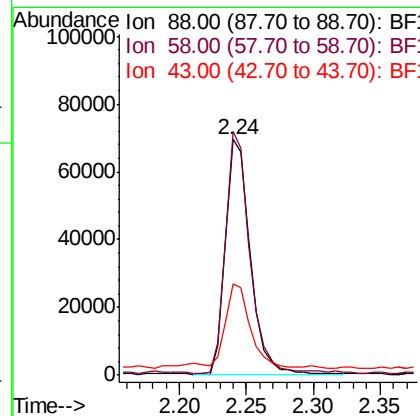
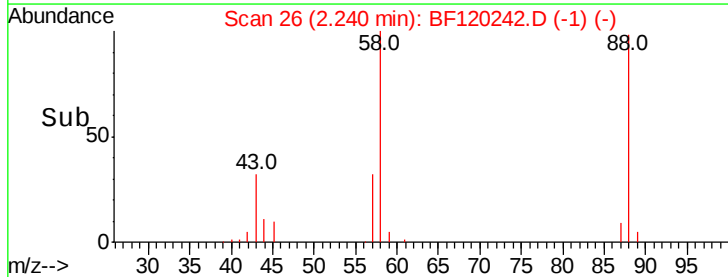
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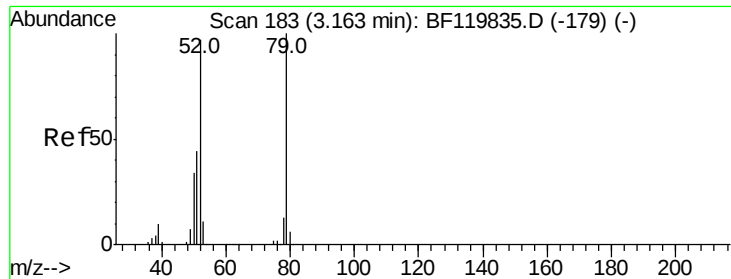
1,4-Dioxane
Concen: 37.506 ng
RT: 2.24 min Scan# 26
Delta R.T. 0.05 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion: 88 Resp: 92761
Ion Ratio Lower Upper
88 100
58 98.9 80.6 121.0
43 37.1 27.5 41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

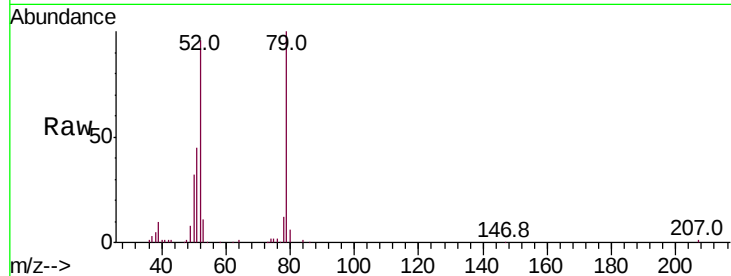




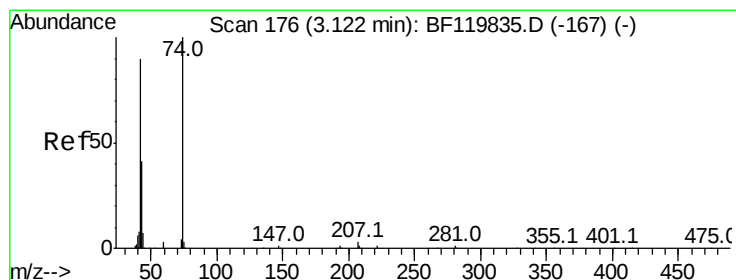
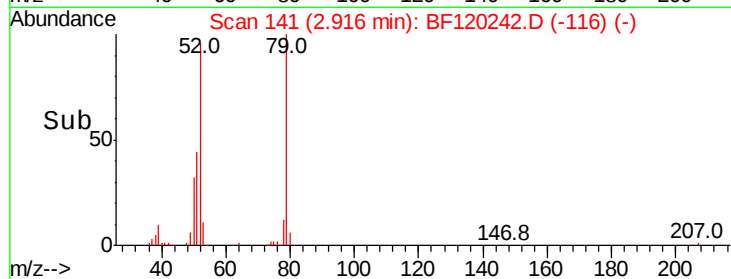
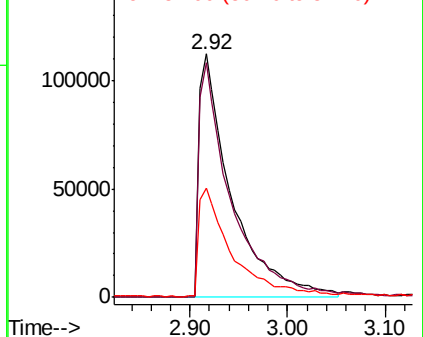
#3
Pvridine
Concen: 38.293 ng
RT: 2.92 min Scan# 141
Delta R.T. 0.05 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PB128574BSD

Tot Ion: 79 Resp: 259842
Ion Ratio Lower Upper
79 100
52 96.2 80.2 120.2
51 45.0 37.7 56.5

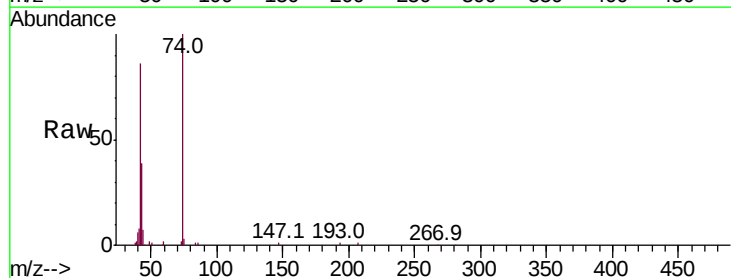


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

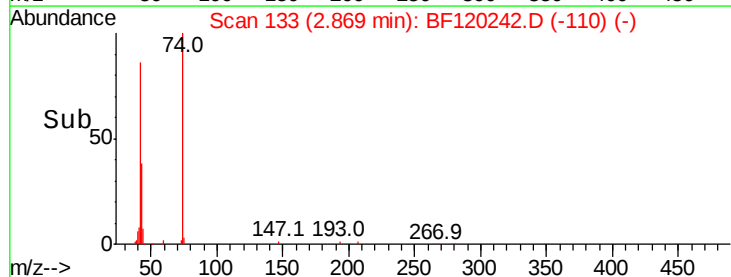
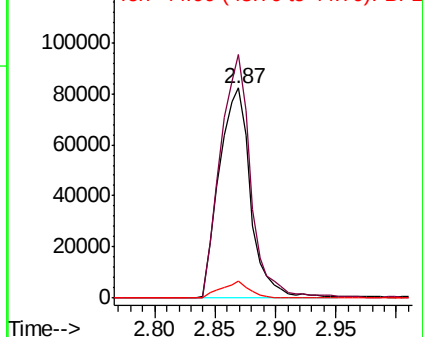


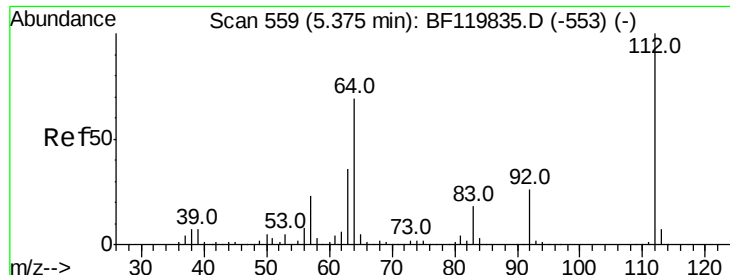
#4
n-Nitrosodimethylamine
Concen: 42.831 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.04 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion: 42 Resp: 148494
Ion Ratio Lower Upper
42 100
74 115.9 91.5 137.3
44 8.3 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.916 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

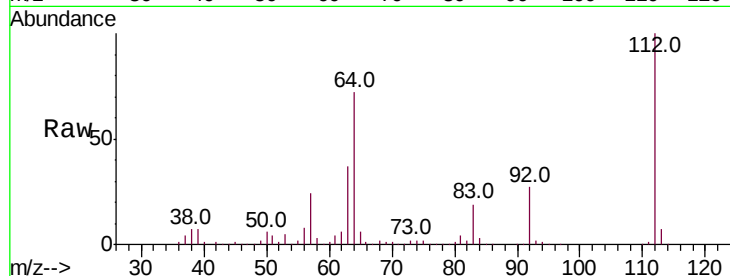
Tot Ion:112 Resp: 715843

Ion Ratio Lower Upper

112 100

64 71.5 56.7 85.1

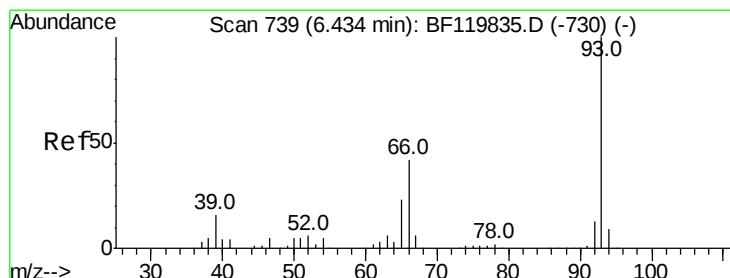
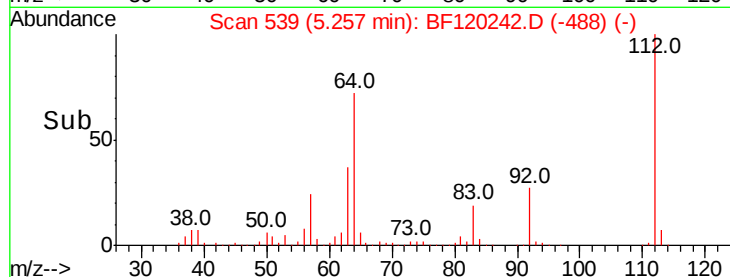
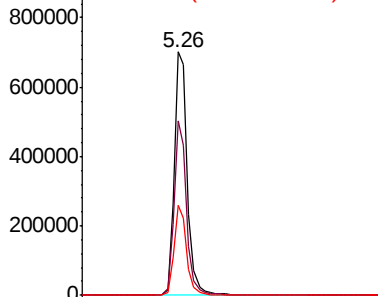
63 37.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.115 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

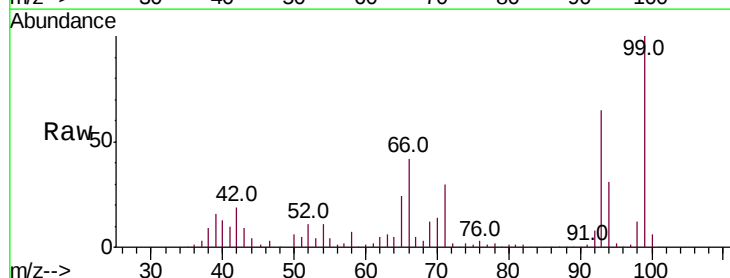
Tgt Ion: 93 Resp: 348552

Ion Ratio Lower Upper

93 100

66 65.1 34.9 52.3#

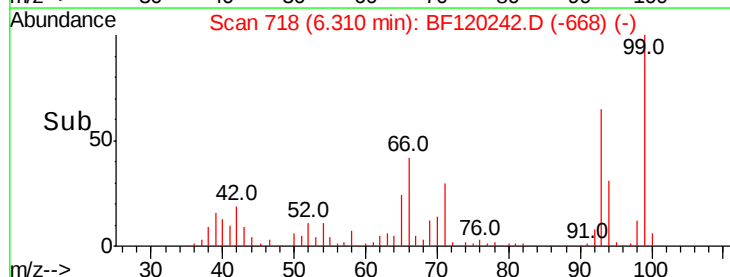
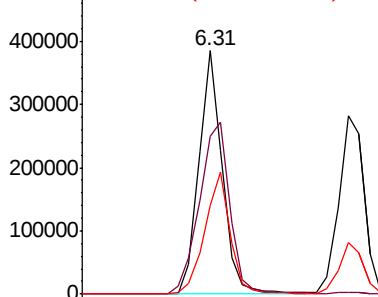
65 36.3 18.6 27.8#

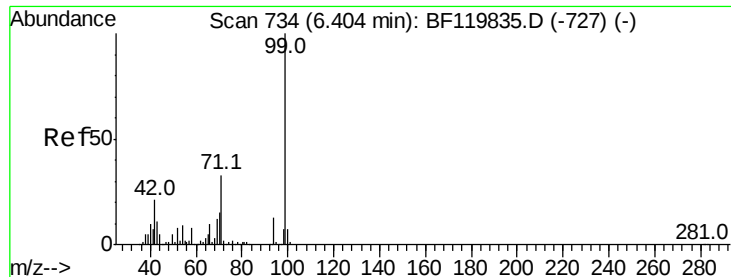


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.632 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

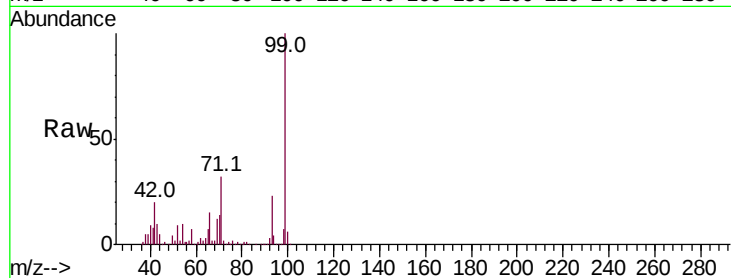
Tot Ion: 99 Resp: 913208

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

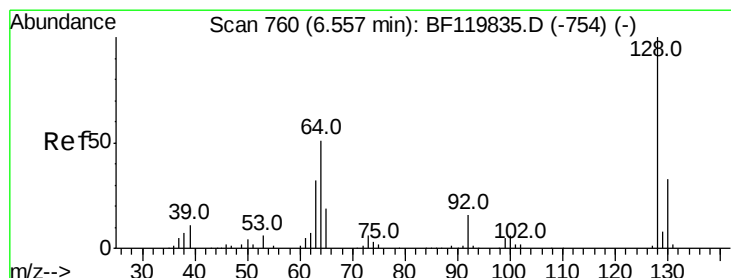
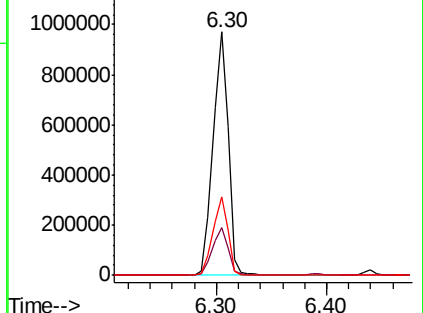
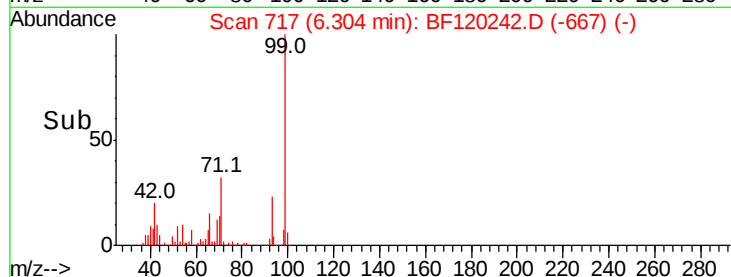
71 32.0 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.868 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

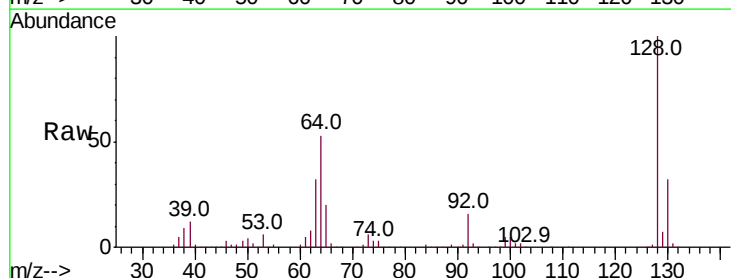
Tgt Ion:128 Resp: 290778

Ion Ratio Lower Upper

128 100

130 31.8 12.6 52.6

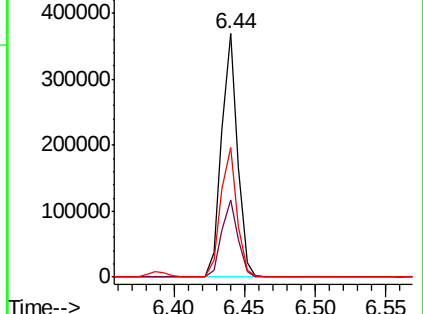
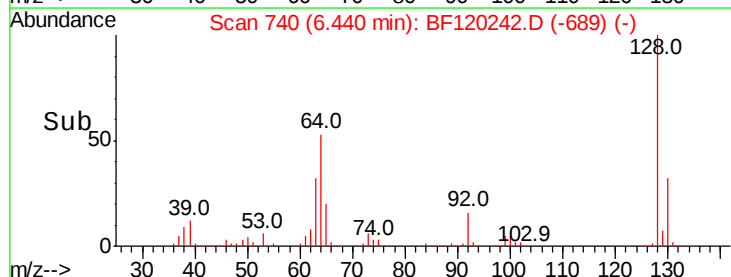
64 53.4 35.3 75.3

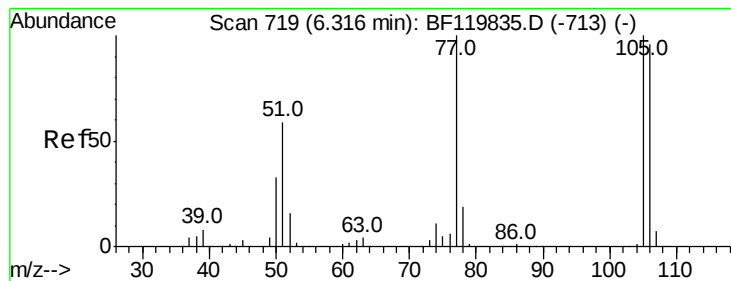


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.797 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

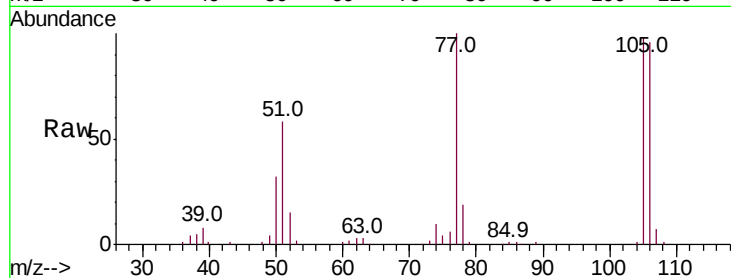
Tot Ion: 77 Resp: 106799

Ion Ratio Lower Upper

77 100

105 97.8 80.9 120.9

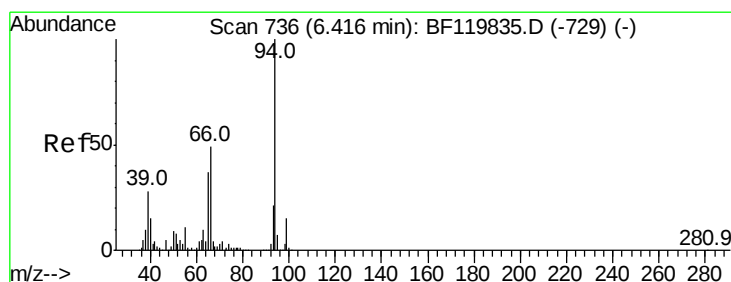
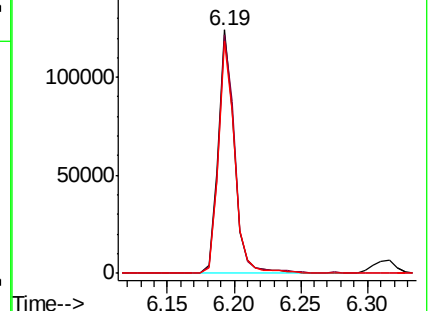
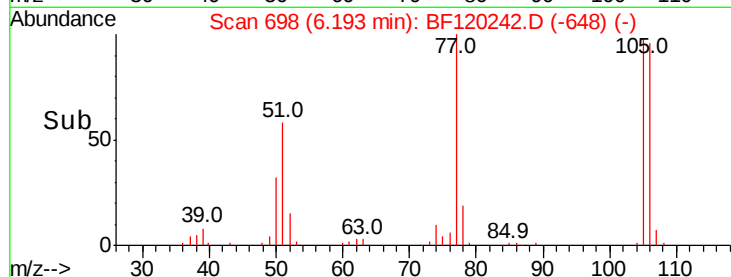
106 95.6 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.841 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

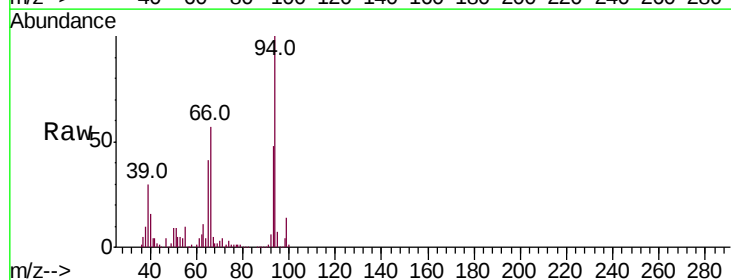
Tgt Ion: 94 Resp: 363985

Ion Ratio Lower Upper

94 100

65 41.0 13.2 53.2

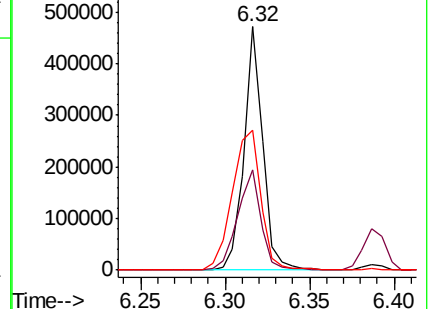
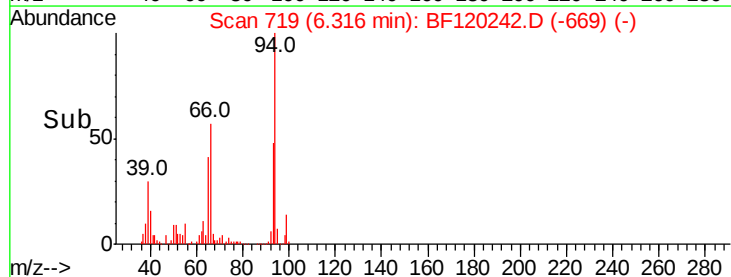
66 57.4 22.3 62.3

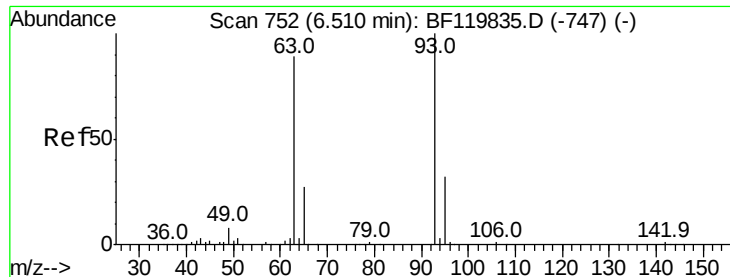


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

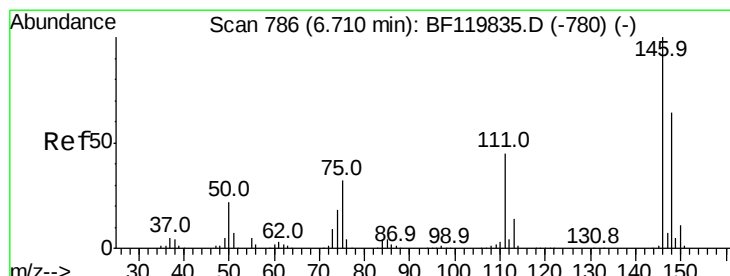
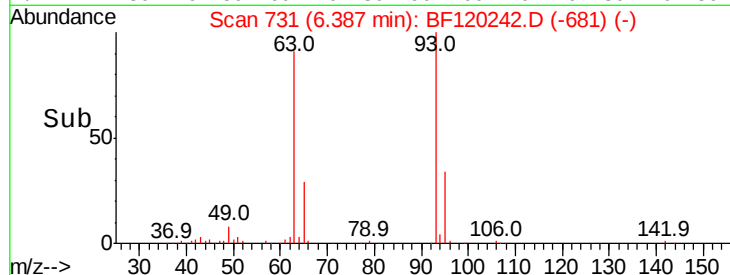
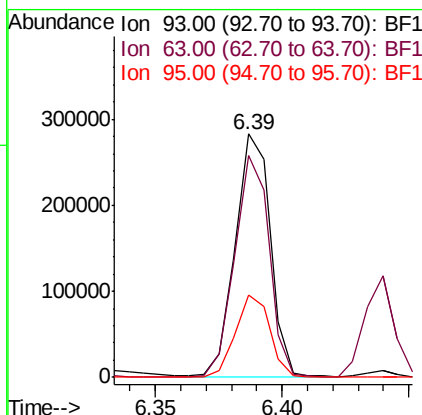
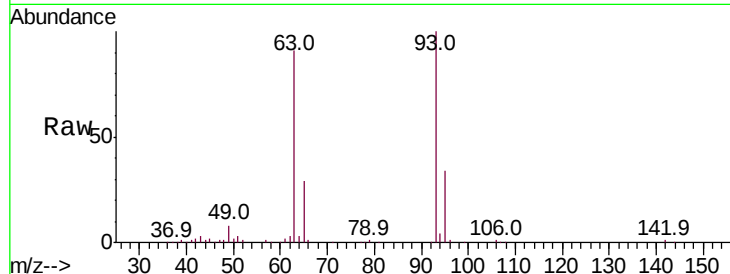




#11
 bis(2-Chloroethyl)ether
 Concen: 43.342 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

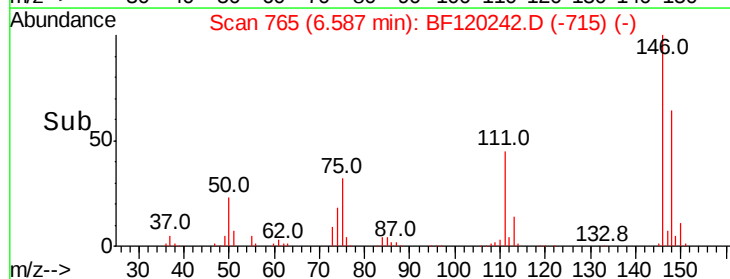
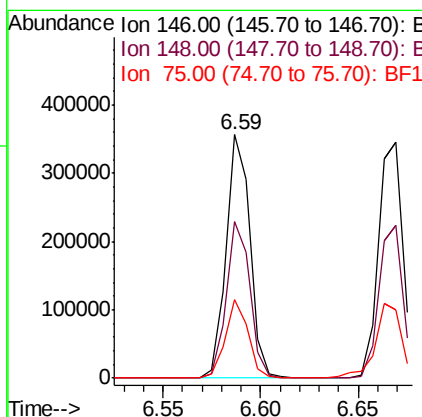
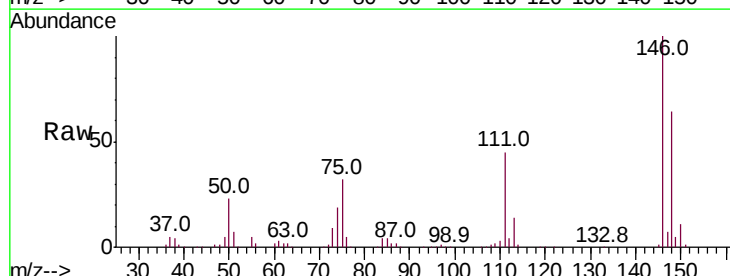
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

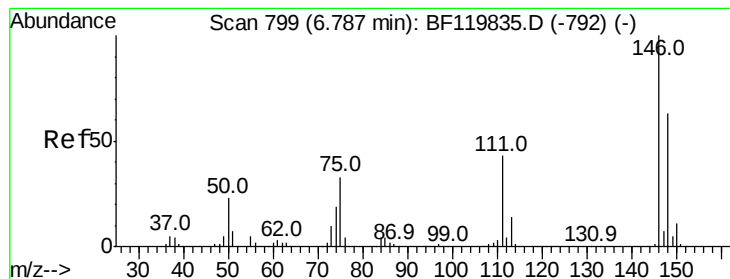
Tot Ion:	93	Resp:	271645
Ion	Ratio	Lower	Upper
93	100		
63	91.1	70.2	110.2
95	33.6	13.4	53.4



#12
 1,3-Dichlorobenzene
 Concen: 44.148 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:	146	Resp:	299870
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
75	32.4	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 44.043 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

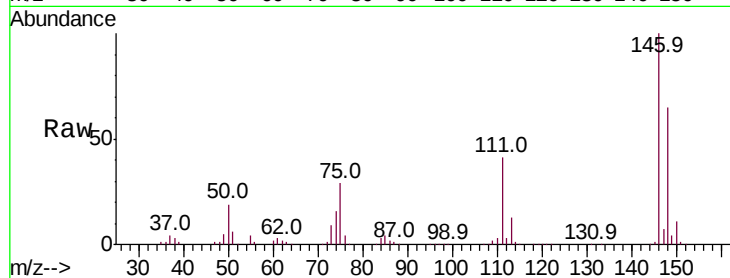
Tot Ion:146 Resp: 304742

Ion Ratio Lower Upper

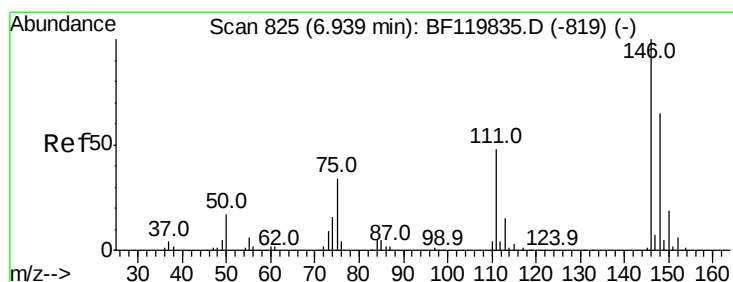
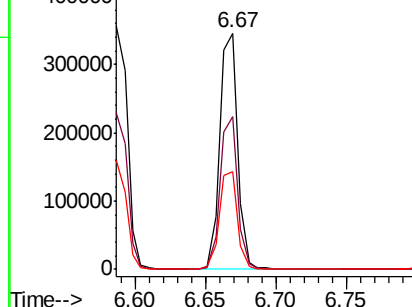
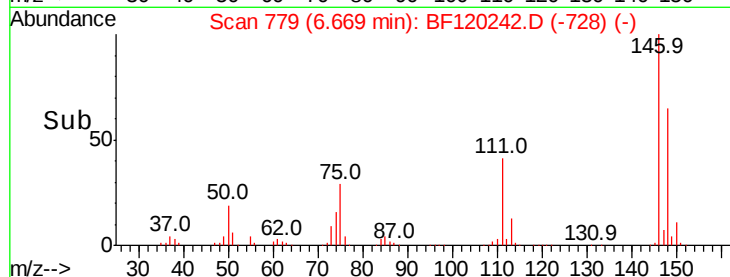
146 100

148 64.5 51.5 77.3

111 41.3 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.411 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

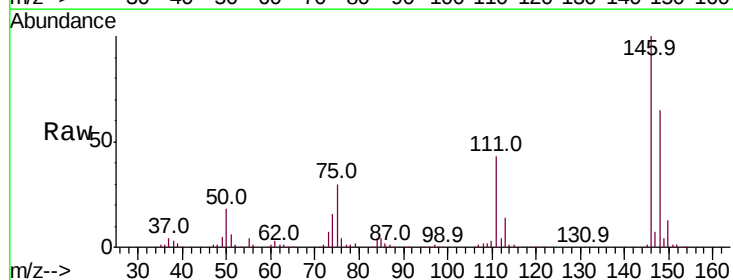
Tgt Ion:146 Resp: 283192

Ion Ratio Lower Upper

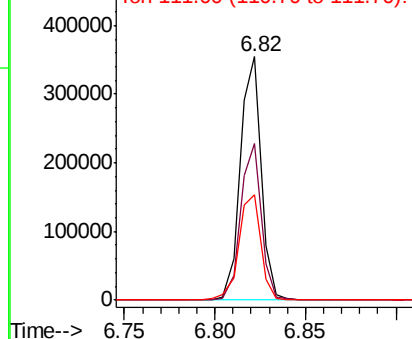
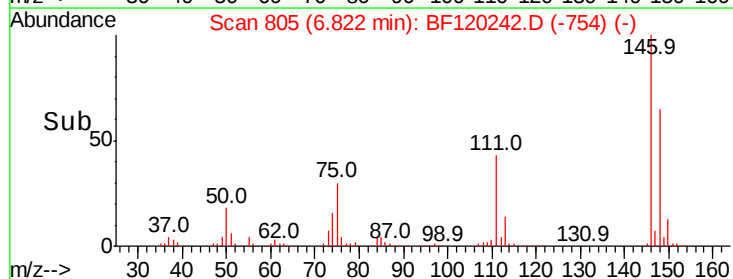
146 100

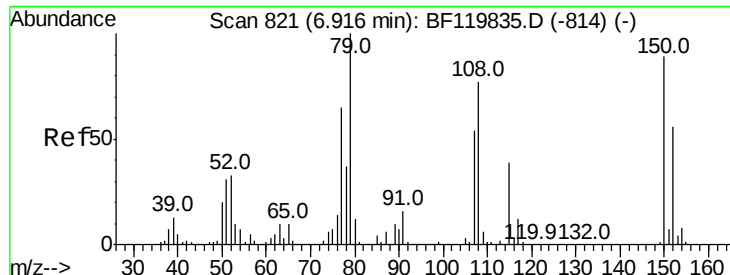
148 64.5 50.6 75.8

111 43.2 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

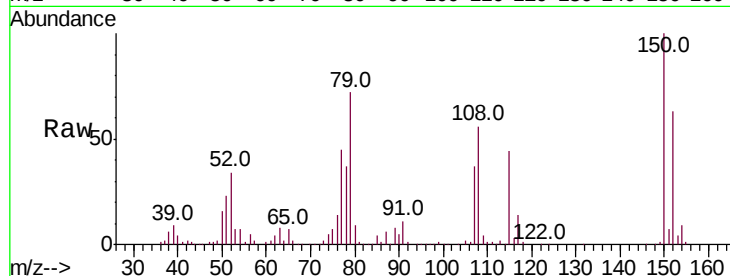




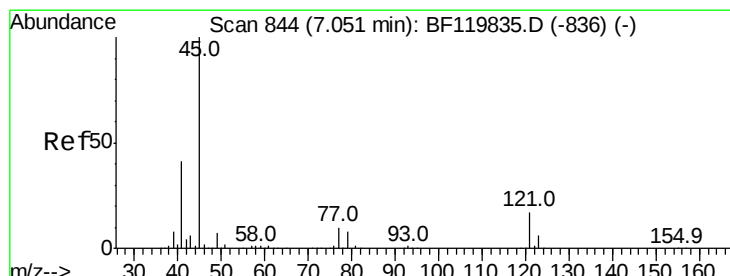
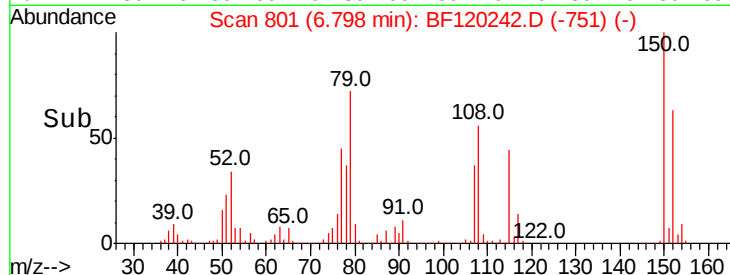
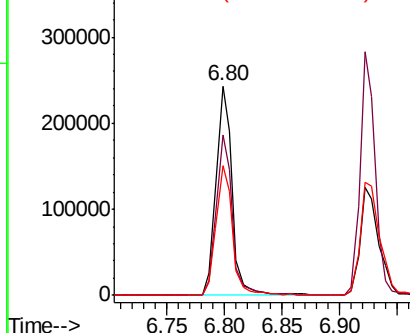
#15
Benzyl Alcohol
Concen: 42.603 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PB128574BSD

Tot Ion: 79 Resp: 236757
Ion Ratio Lower Upper
79 100
108 76.8 60.6 90.8
77 61.9 50.2 75.2

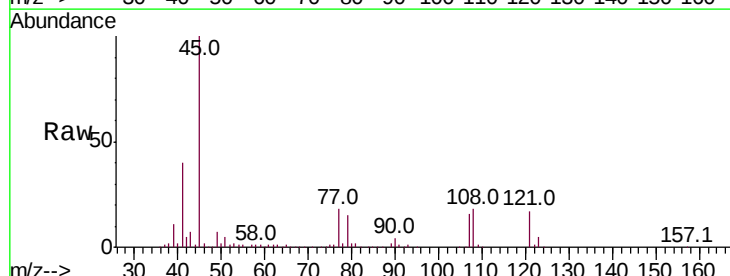


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

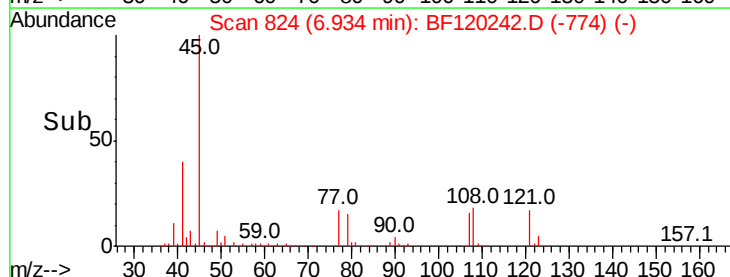
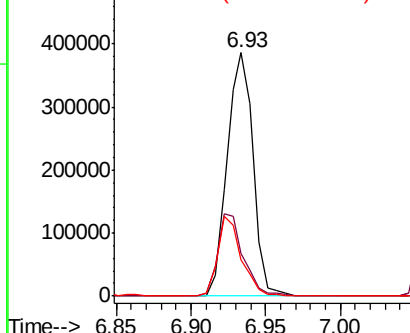


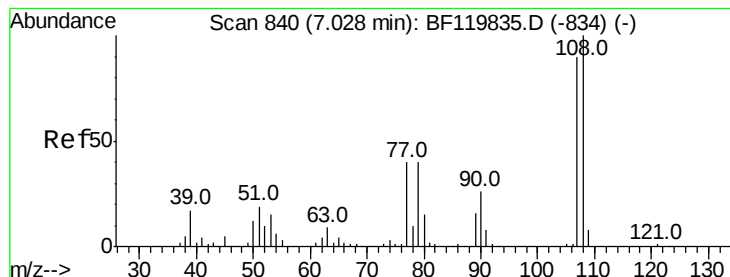
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.724 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion: 45 Resp: 472285
Ion Ratio Lower Upper
45 100
77 17.6 0.0 30.7
79 14.8 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

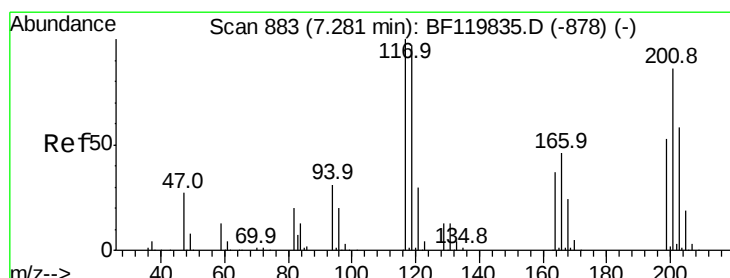
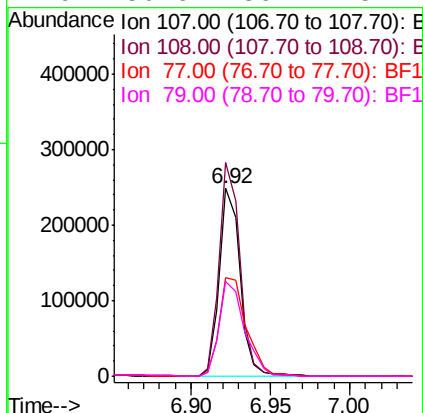
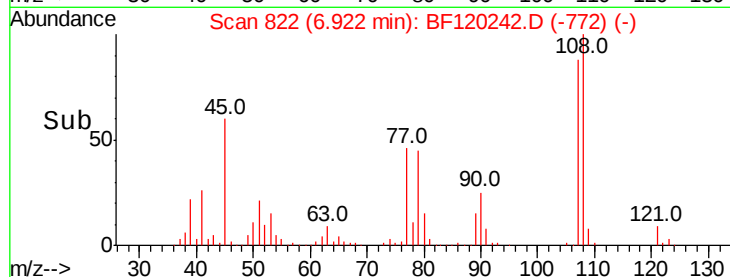
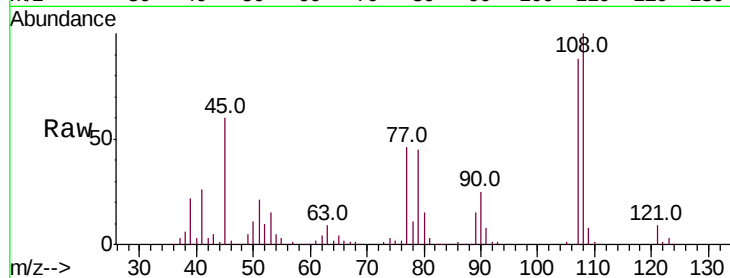




#17
2-Methylphenol
Concen: 41.063 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

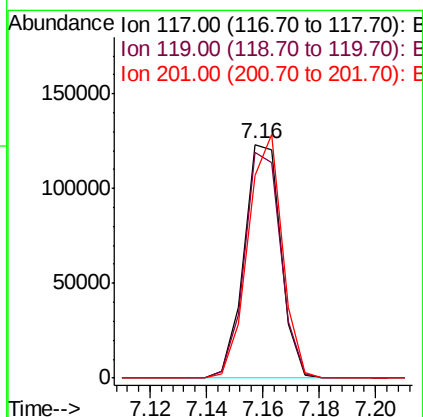
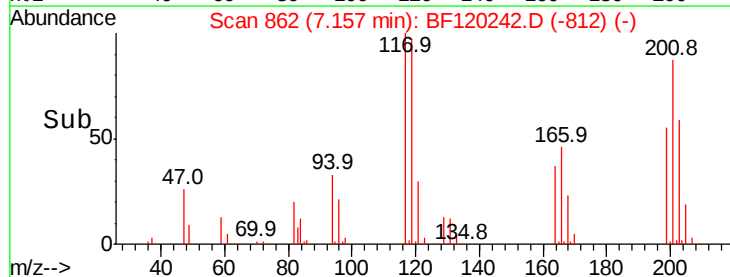
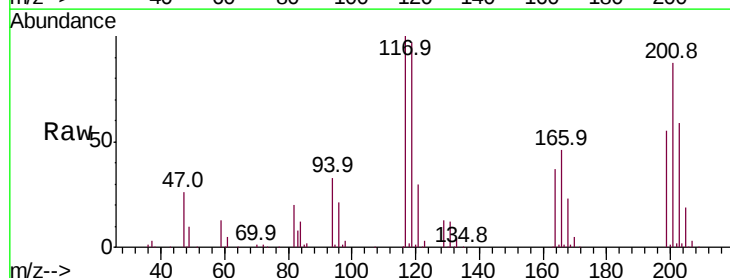
Instrument :
BNA_F
ClientSampleId :
PB128574BSD

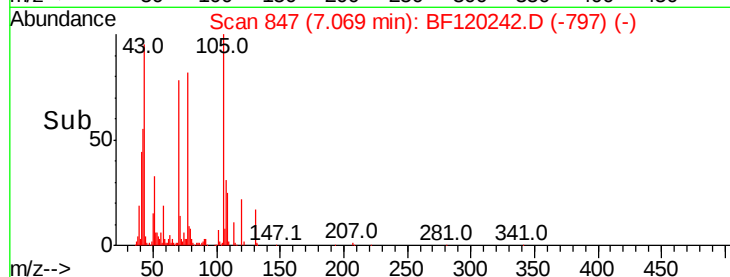
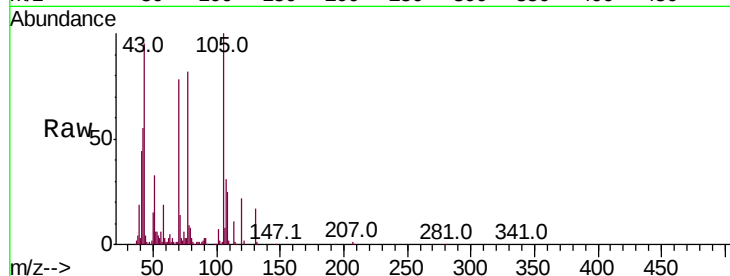
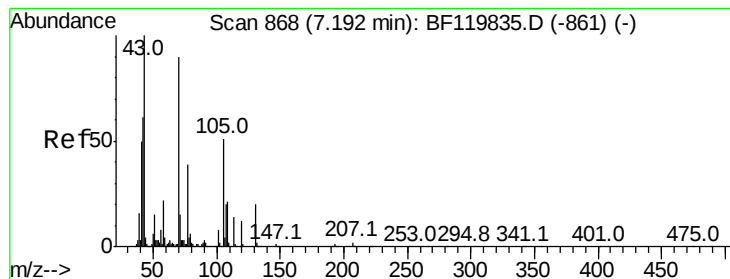
Tot Ion:	107	Resp:	227359
Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.2	138.4
77	52.5	36.6	54.8
79	50.6	36.2	54.4



#18
Hexachloroethane
Concen: 42.933 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion:	117	Resp:	111017
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.1	114.1
201	86.8	73.0	109.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.024 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

Tot Ion: 70 Resp: 193353

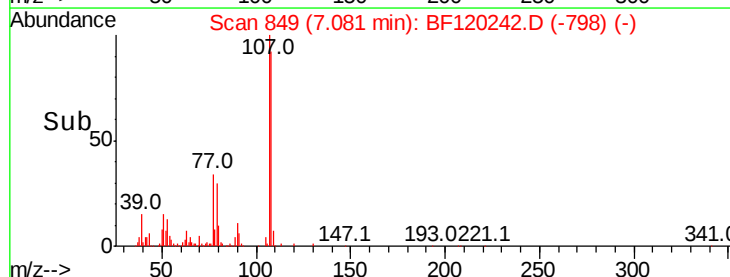
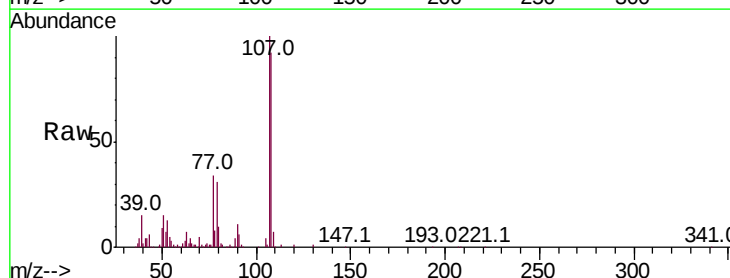
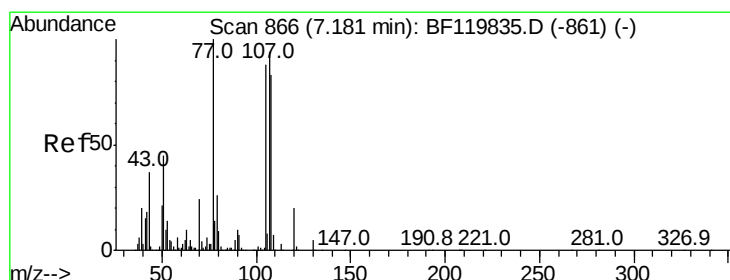
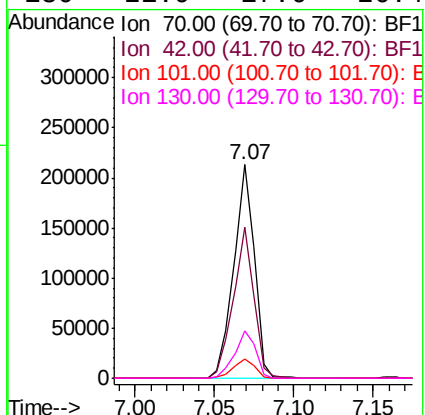
Ion Ratio Lower Upper

70 100

42 70.6 54.5 81.7

101 9.2 7.6 11.4

130 21.9 17.6 26.4



#20

3+4-Methylphenols

Concen: 44.219 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Tgt Ion:107 Resp: 299436

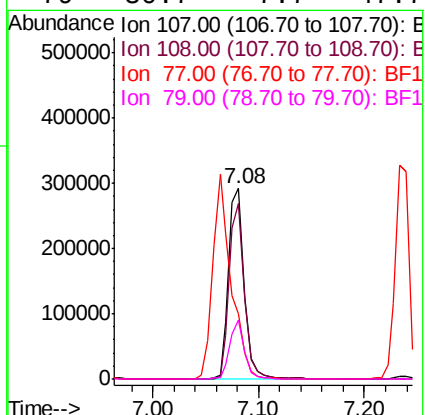
Ion Ratio Lower Upper

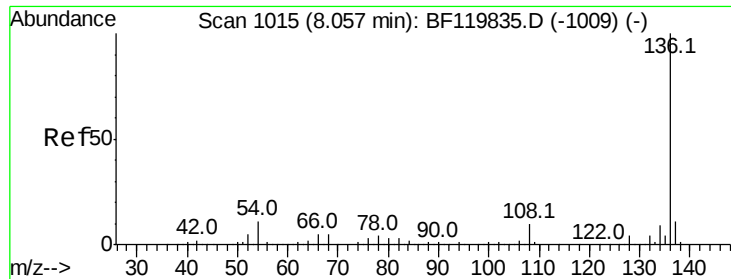
107 100

108 91.7 67.9 107.9

77 34.1 52.9 92.9#

79 30.7 7.7 47.7

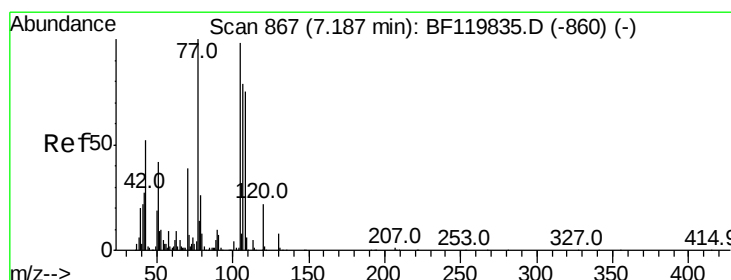
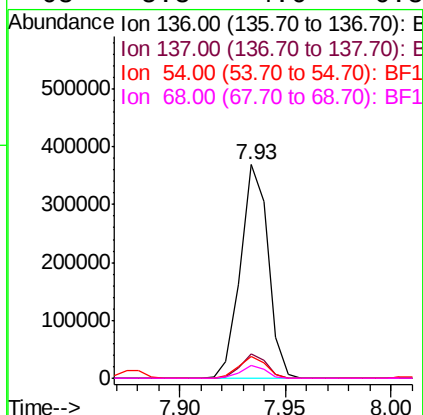
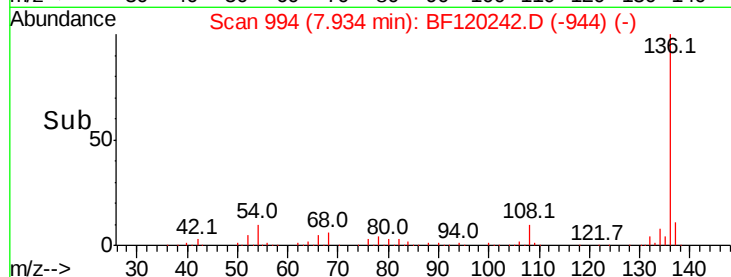
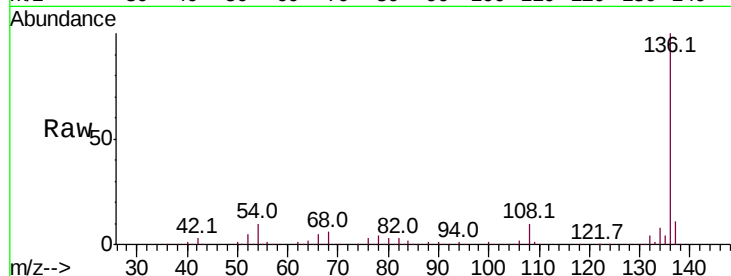




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

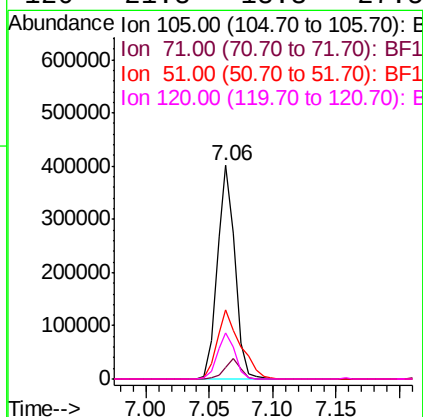
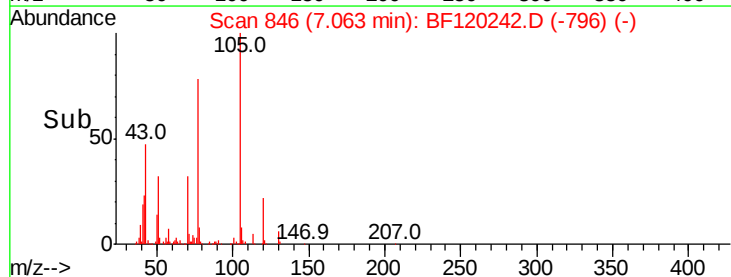
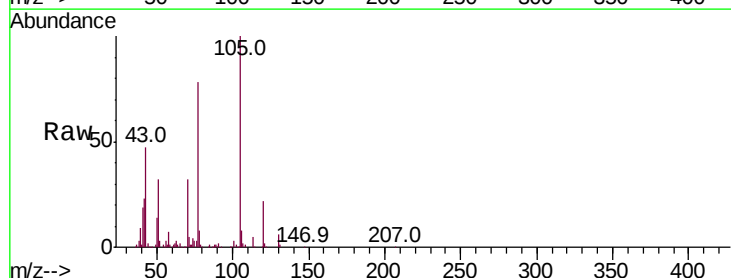
Instrument :
BNA_F
ClientSampleId :
PB128574BSD

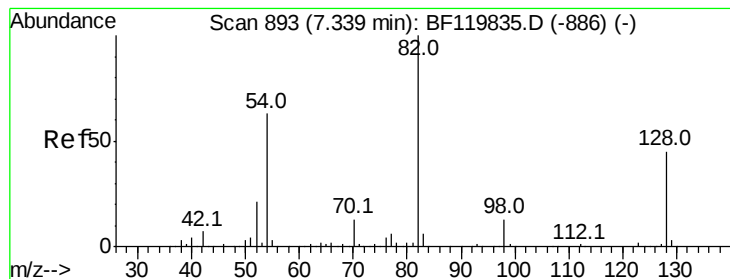
Tot Ion:136	Resp:	333565
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.7	13.1
54 10.2	9.1	13.7
68 5.8	4.6	6.8



#22
Acetophenone
Concen: 49.990 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt	Ion:105	Resp:	390473
Ion	Ratio	Lower	Upper
105	100		
71	5.2	5.7	8.5#
51	32.3	26.2	39.4
120	21.8	18.3	27.5





#23

Nitrobenzene-d5

Concen: 87.293 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

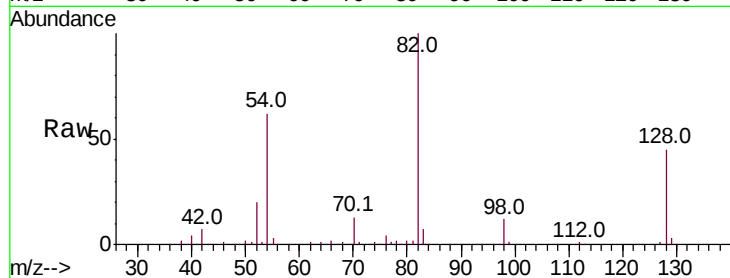
Tot Ion: 82 Resp: 562840

Ion Ratio Lower Upper

82 100

128 44.7 36.3 54.5

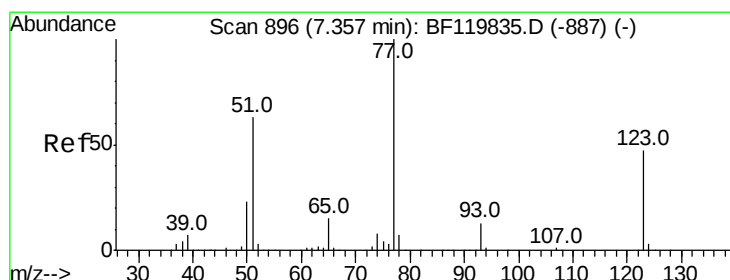
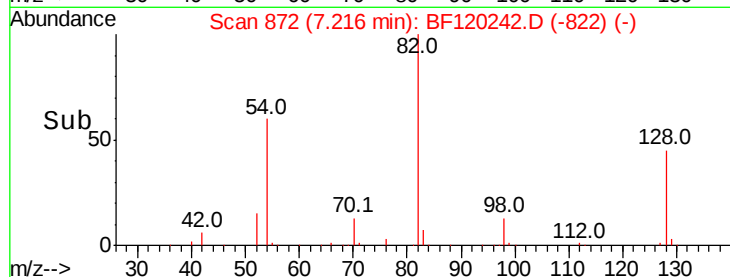
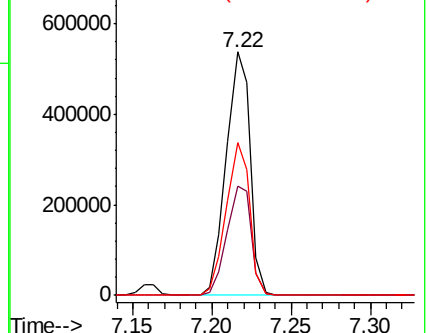
54 62.5 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 45.924 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

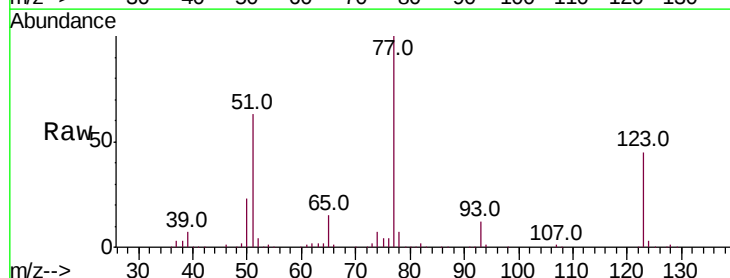
Tgt Ion: 77 Resp: 297869

Ion Ratio Lower Upper

77 100

123 45.5 38.0 57.0

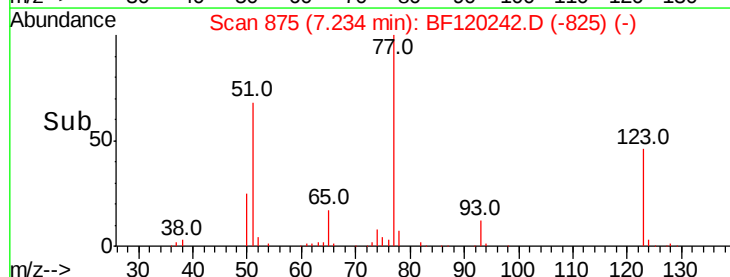
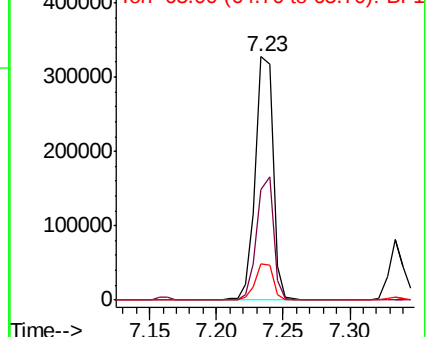
65 15.0 12.6 18.8

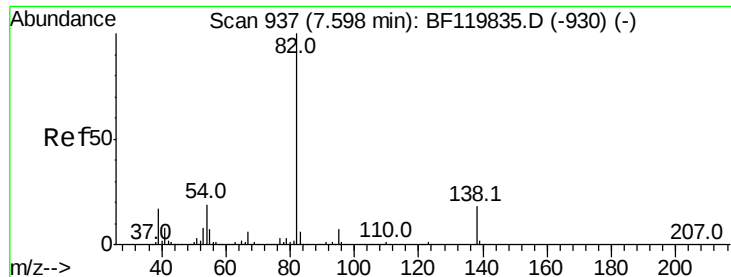


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.170 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

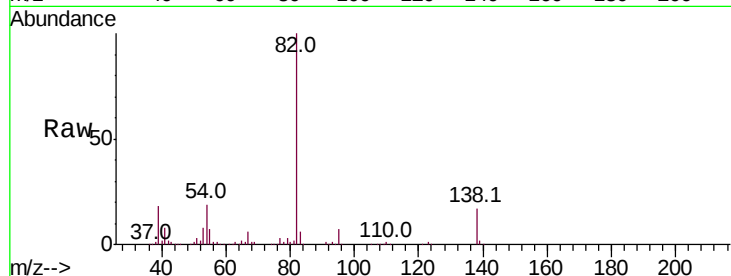
Tot Ion: 82 Resp: 524152

Ion Ratio Lower Upper

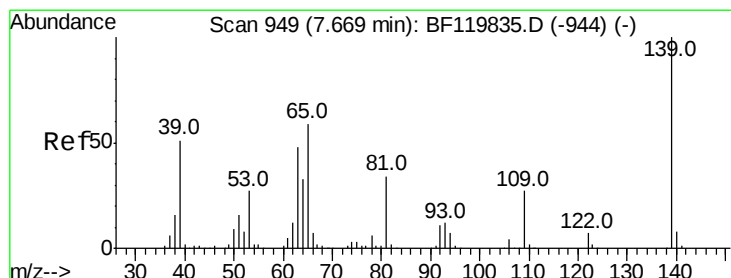
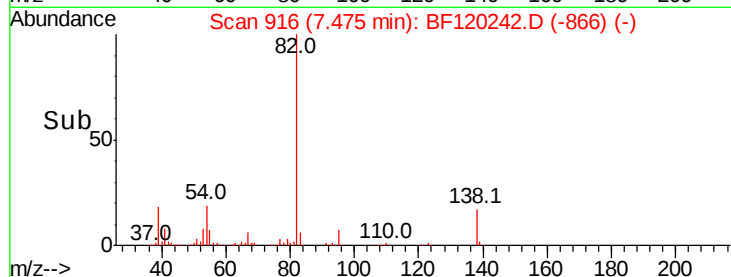
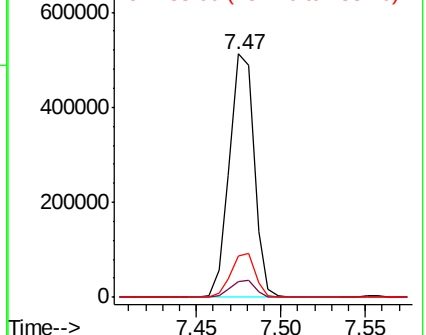
82 100

95 6.6 5.8 8.6

138 17.1 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.292 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

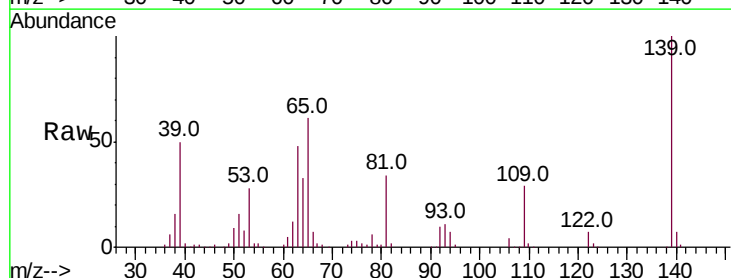
Tgt Ion: 139 Resp: 150011

Ion Ratio Lower Upper

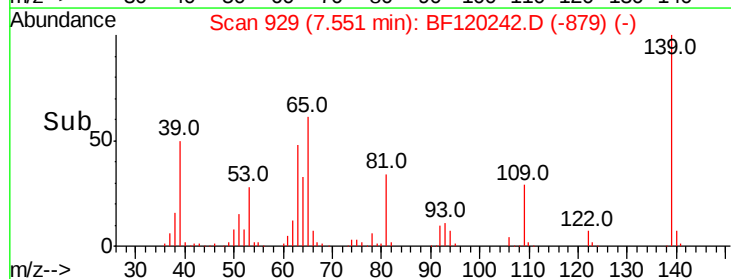
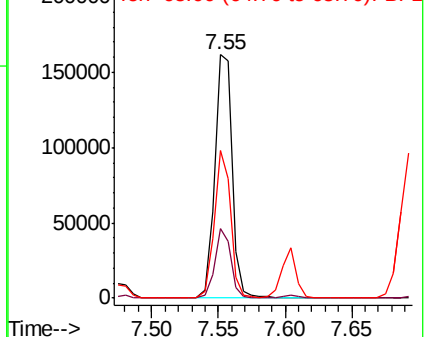
139 100

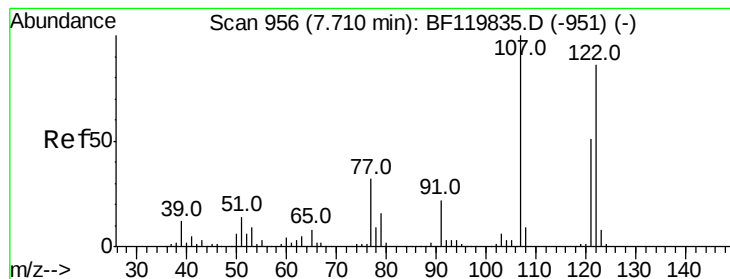
109 28.7 22.1 33.1

65 60.8 49.2 73.8



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.577 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

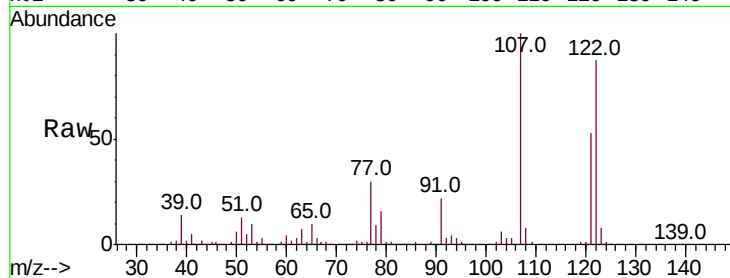
Tot Ion:122 Resp: 232521

Ion Ratio Lower Upper

122 100

107 115.5 89.0 133.6

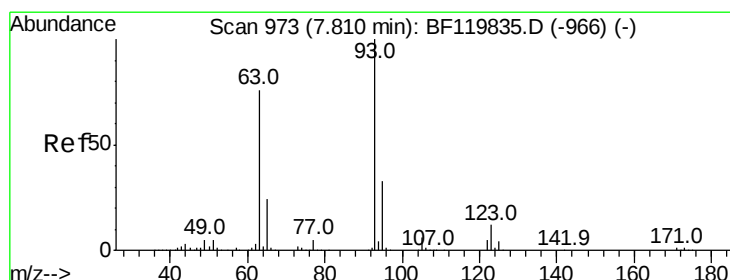
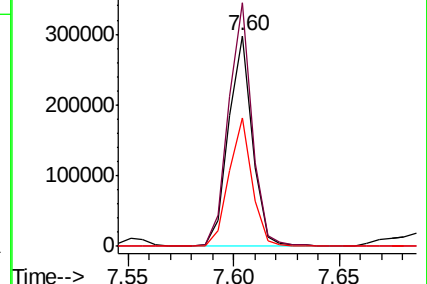
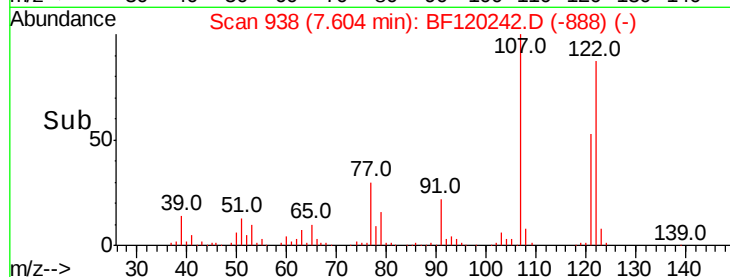
121 60.8 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.253 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

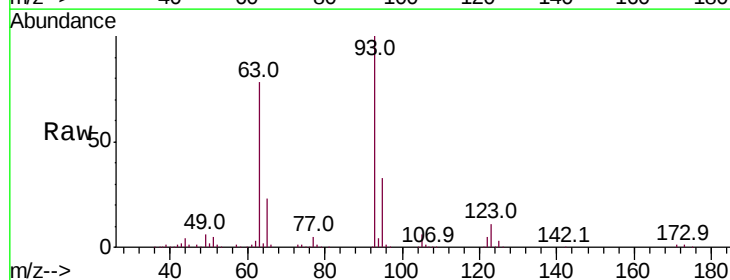
Tgt Ion: 93 Resp: 330981

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

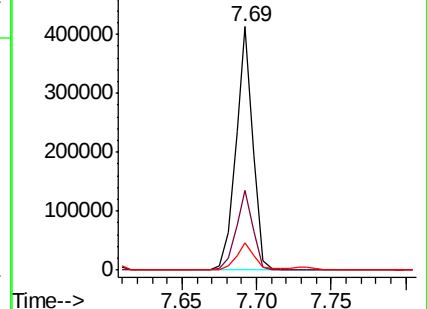
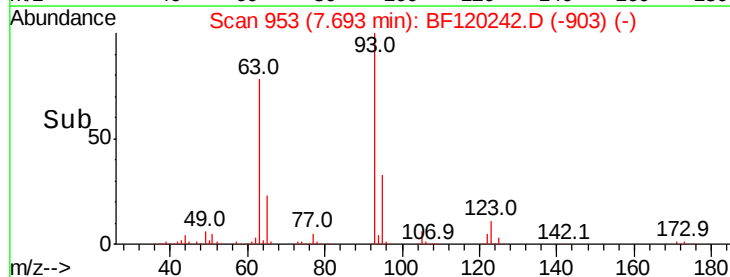
123 11.1 9.7 14.5

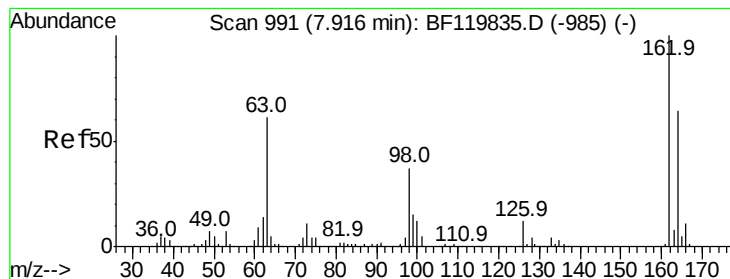


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.165 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

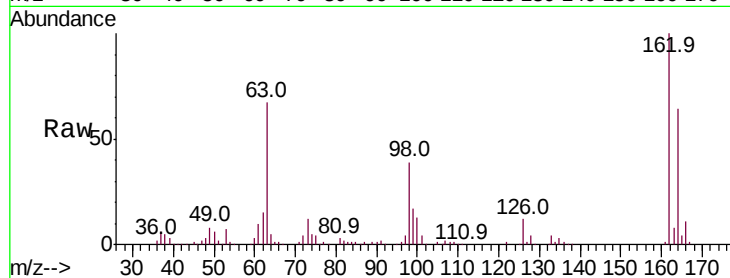
Tot Ion:162 Resp: 226257

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

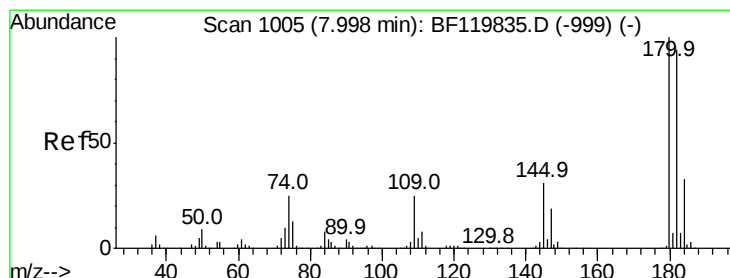
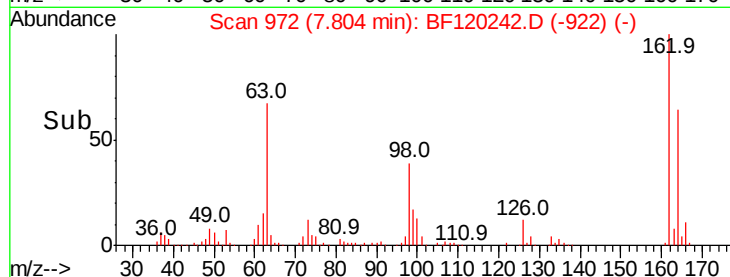
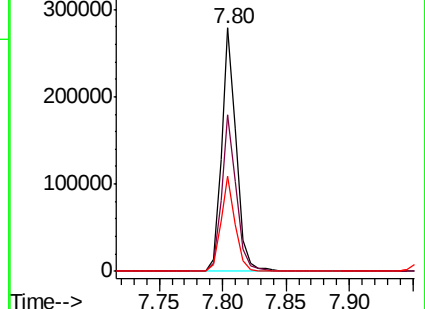
98 39.1 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.441 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

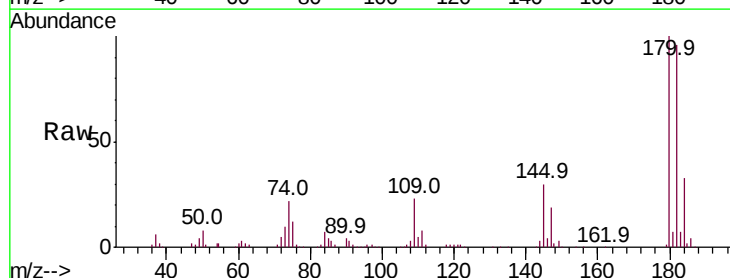
Tgt Ion:180 Resp: 235228

Ion Ratio Lower Upper

180 100

182 95.6 74.7 112.1

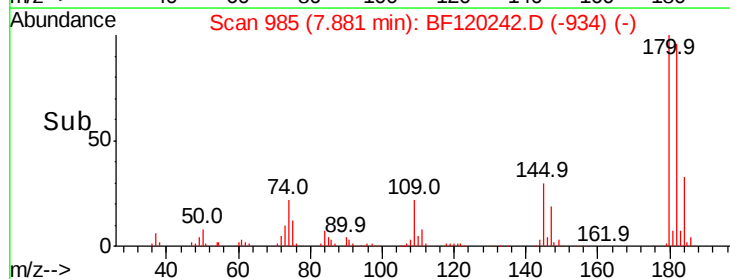
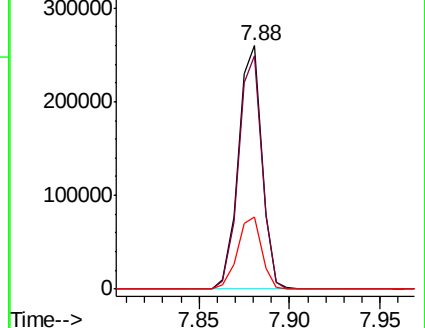
145 29.7 24.5 36.7

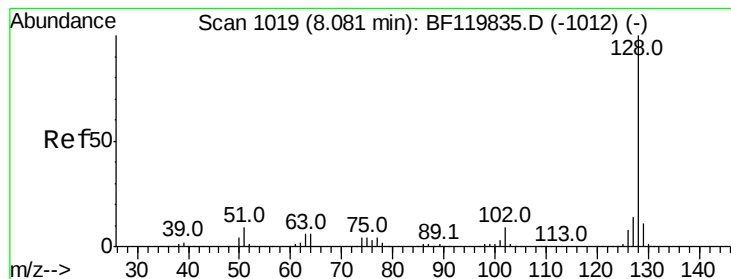


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.324 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

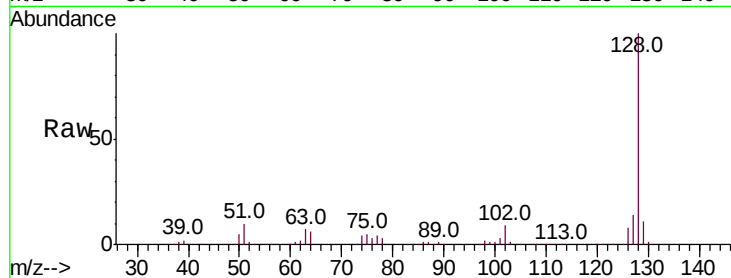
Tot Ion:128 Resp: 760324

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

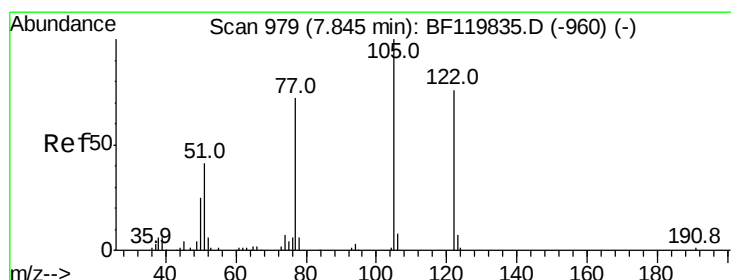
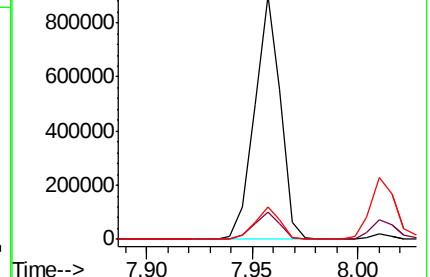
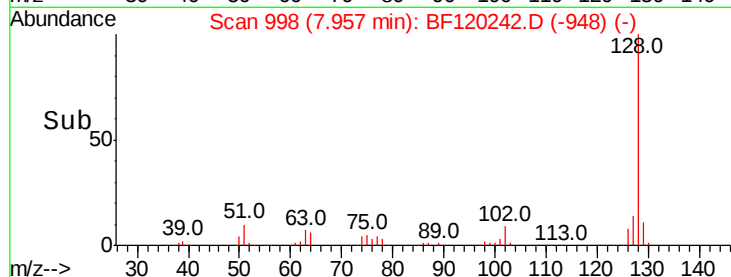
127 13.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.734 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

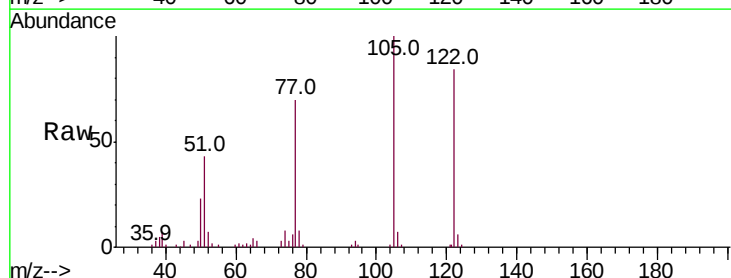
Tgt Ion:122 Resp: 161966

Ion Ratio Lower Upper

122 100

105 119.1 104.9 144.9

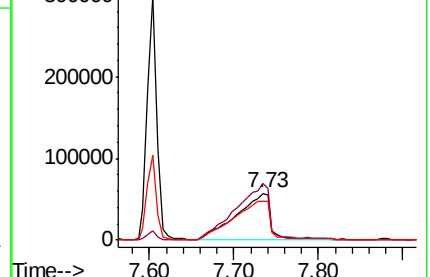
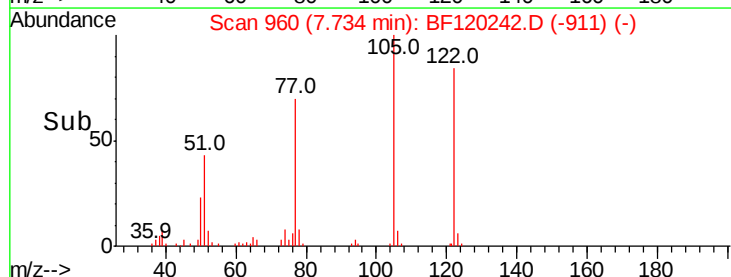
77 83.4 74.4 114.4

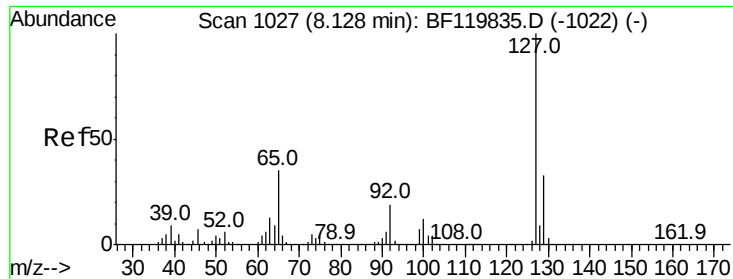


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

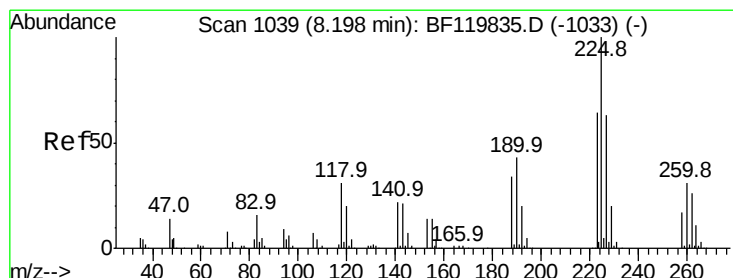
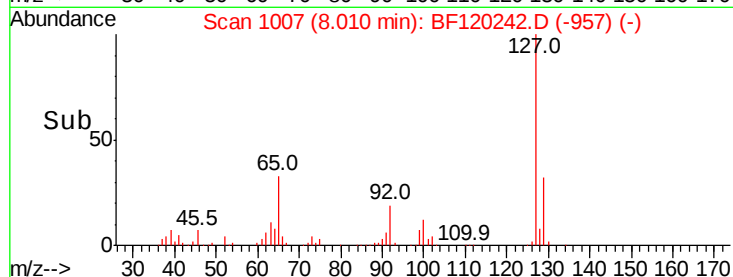
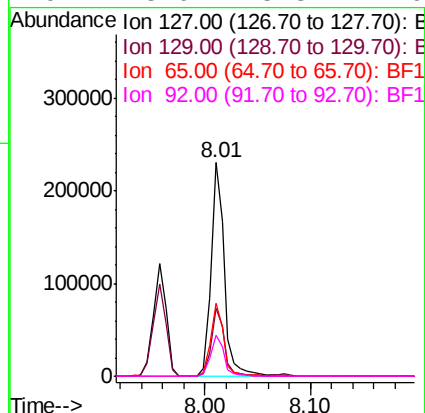
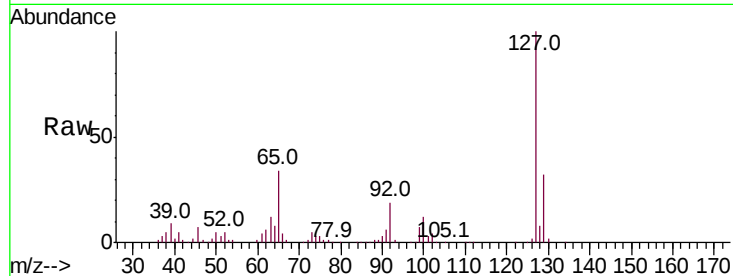




#33
4-Chloroaniline
Concen: 26.489 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

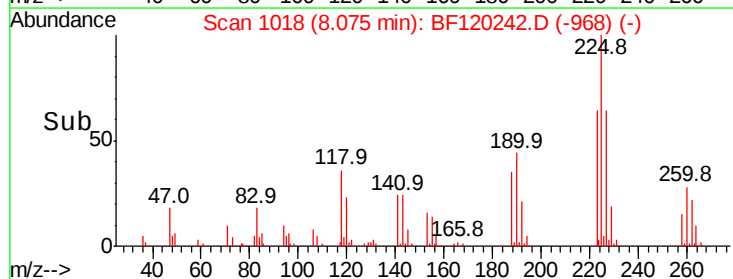
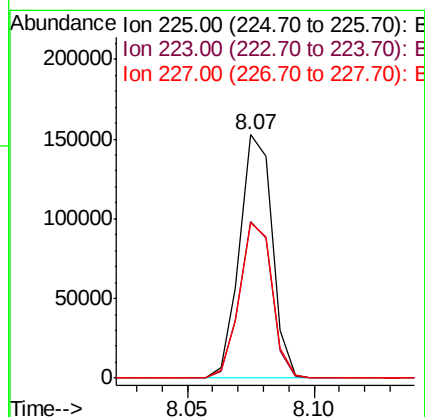
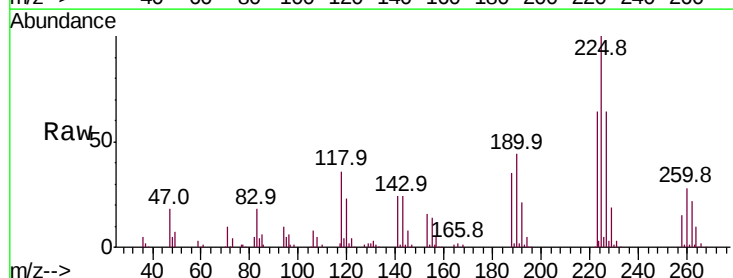
Instrument :
BNA_F
ClientSampleId :
PB128574BSD

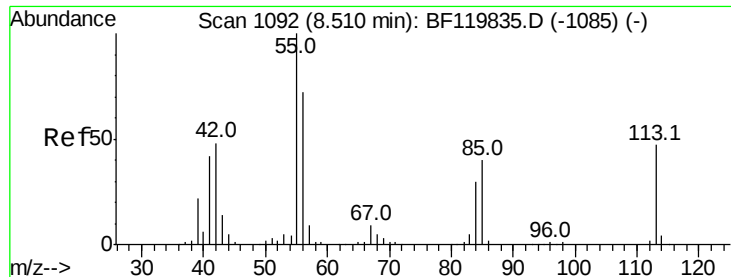
Tot Ion:	127	Resp:	202377
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	34.2	27.4	41.0
92	18.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.193 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion:	225	Resp:	136569
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.0	50.7	76.1

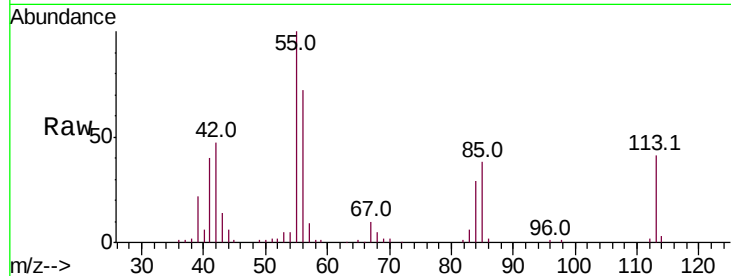




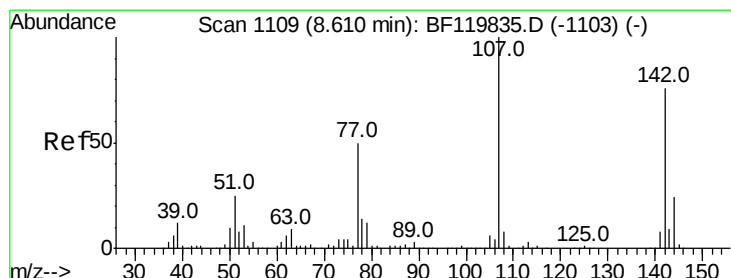
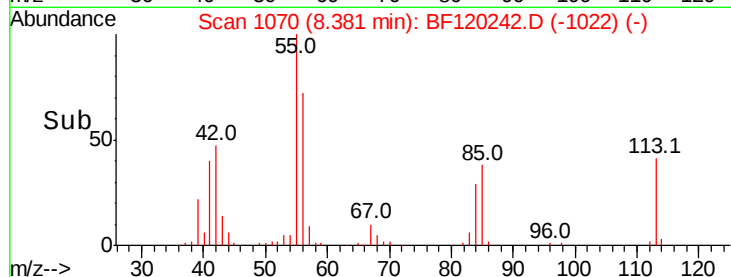
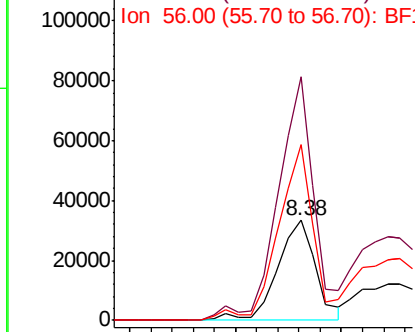
#35
 Caprolactam
 Concen: 27.380 ng
 RT: 8.38 min Scan# 1070
 Delta R.T. -0.02 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

Tot Ion:113 Resp: 41958
 Ion Ratio Lower Upper
 113 100
 55 244.1 218.4 258.4
 56 175.7 148.9 188.9

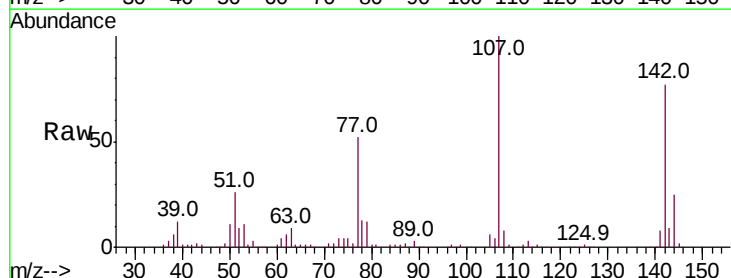


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

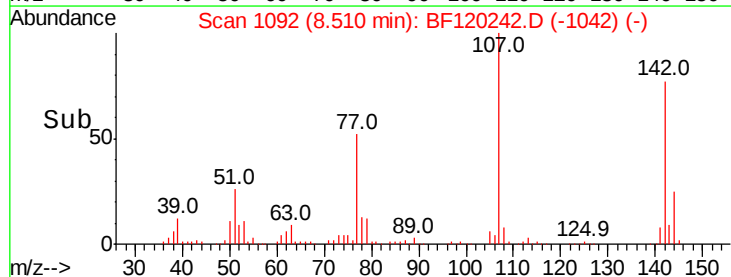
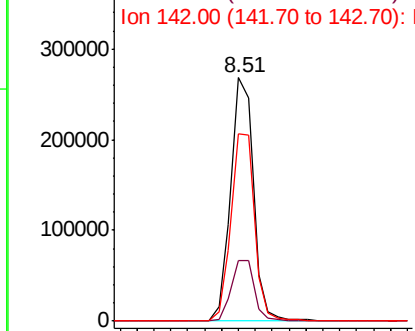


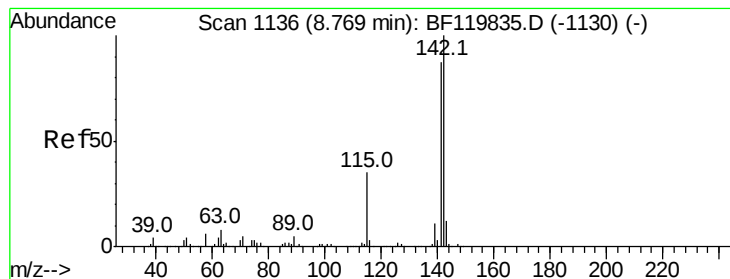
#36
 4-Chloro-3-methylphenol
 Concen: 46.246 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:107 Resp: 250823
 Ion Ratio Lower Upper
 107 100
 144 24.7 21.0 31.6
 142 77.2 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.561 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

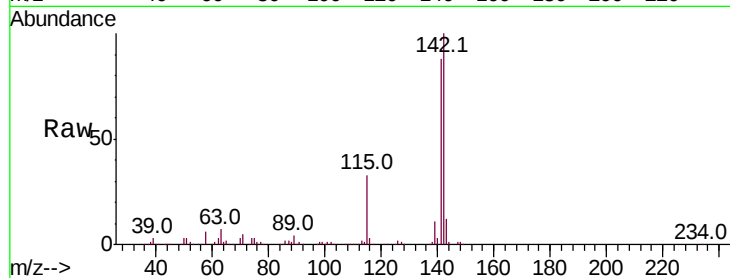
Tot Ion:142 Resp: 553992

Ion Ratio Lower Upper

142 100

141 88.3 71.7 107.5

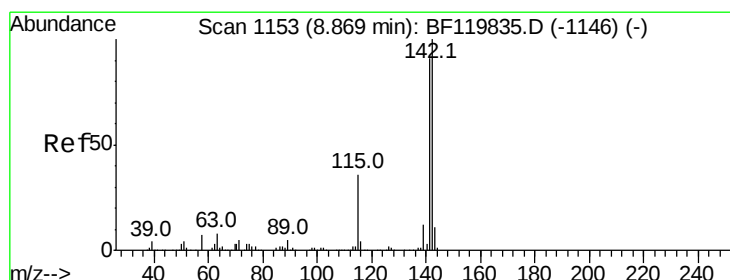
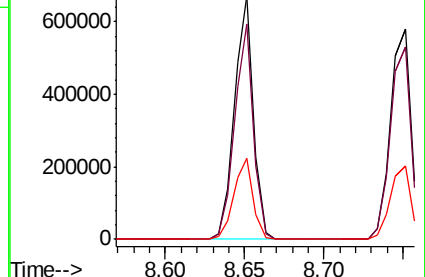
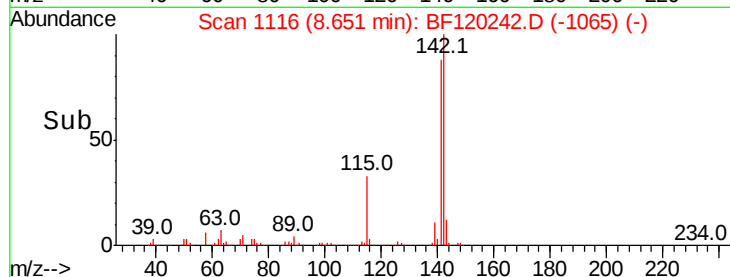
115 33.1 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.354 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

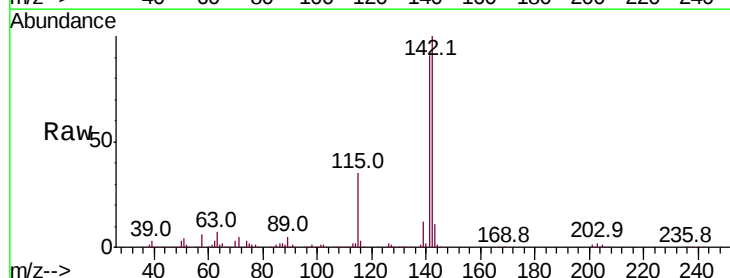
Tgt Ion:142 Resp: 519843

Ion Ratio Lower Upper

142 100

141 91.1 73.7 110.5

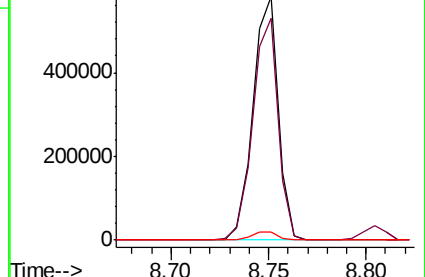
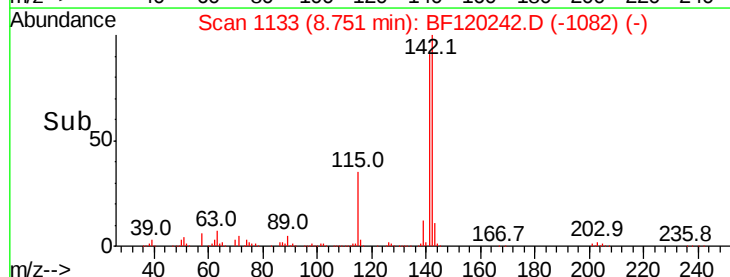
116 3.5 3.0 4.6

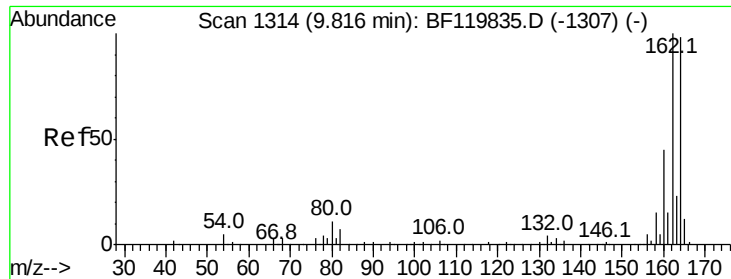


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

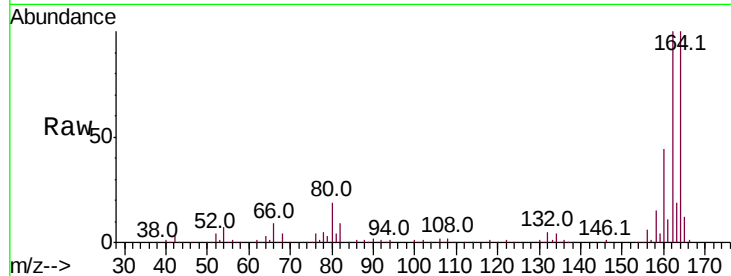




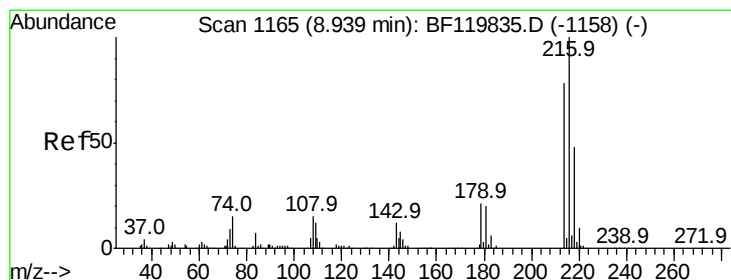
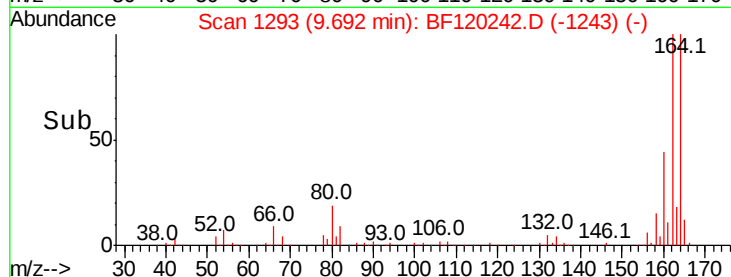
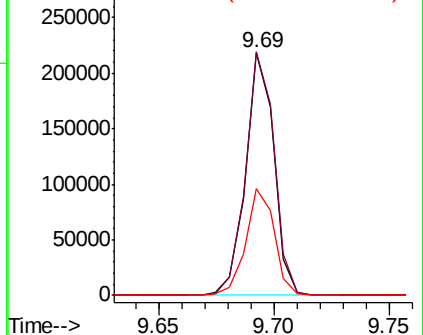
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

Tot Ion:164 Resp: 187243
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.6 121.0
 160 44.0 35.7 53.5



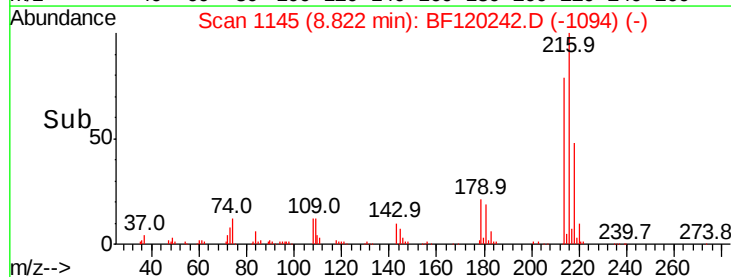
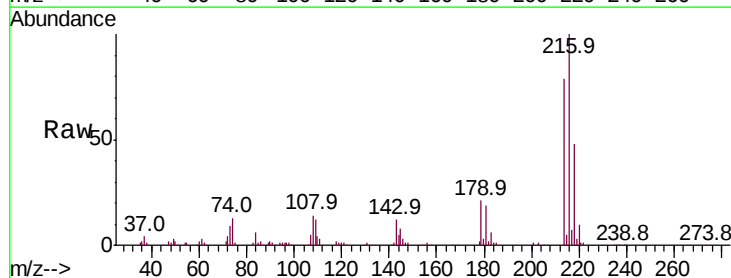
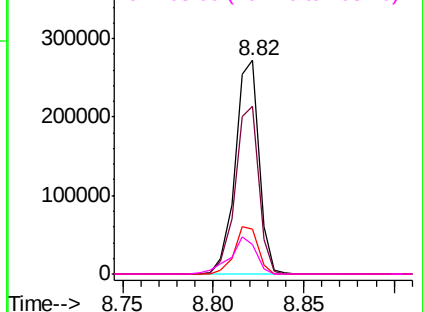
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

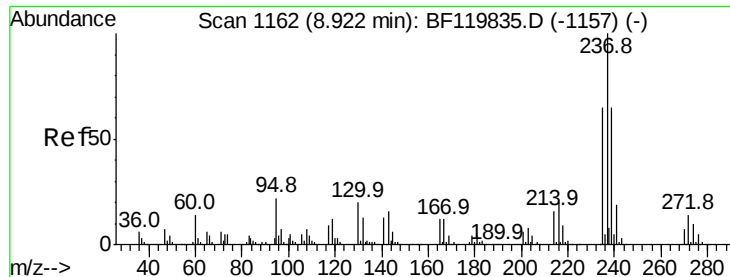


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.080 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:216 Resp: 248861
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.2 94.8
 179 21.8 17.1 25.7
 108 19.1 15.1 22.7

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.869 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

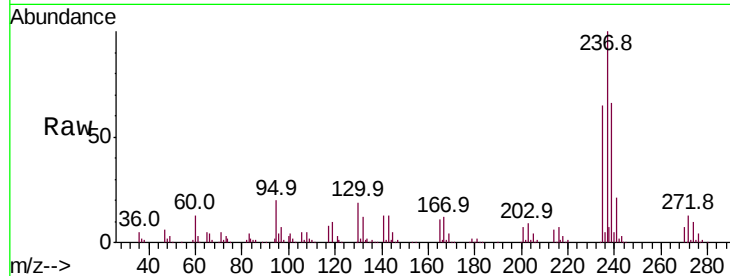
Tot Ion:237 Resp: 221510

Ion Ratio Lower Upper

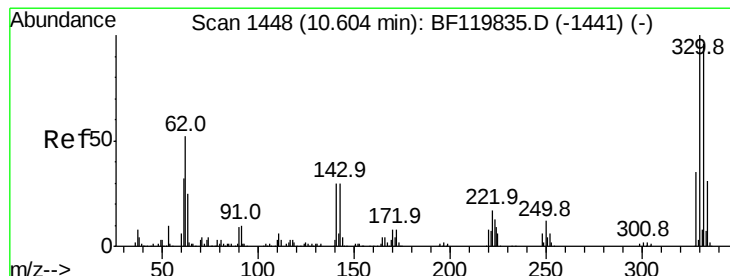
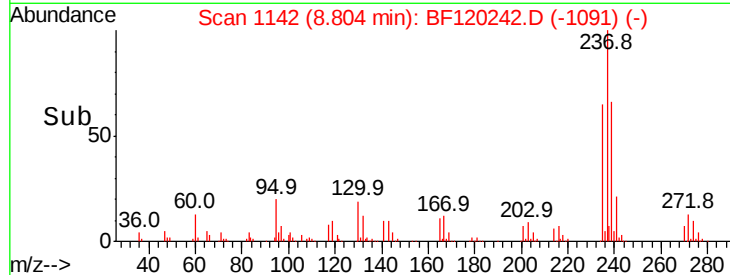
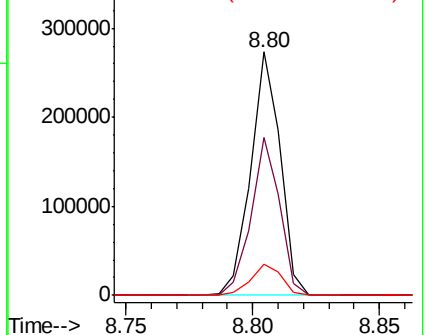
237 100

235 64.8 43.2 83.2

272 12.8 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.772 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

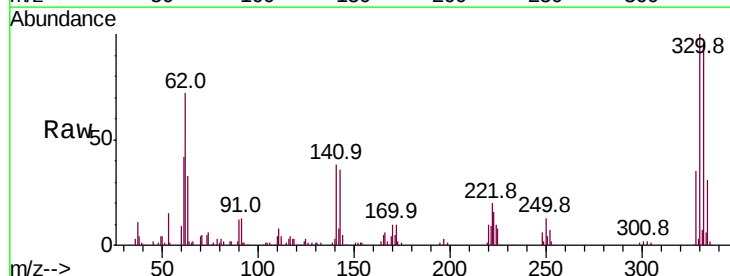
Tgt Ion:330 Resp: 247067

Ion Ratio Lower Upper

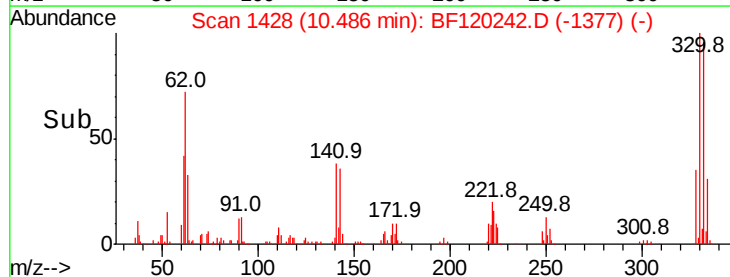
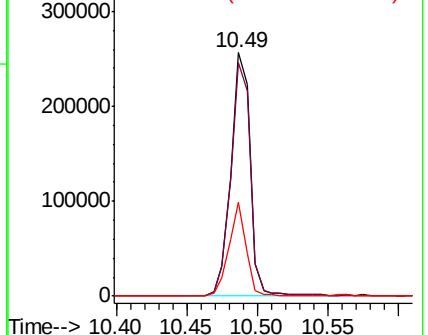
330 100

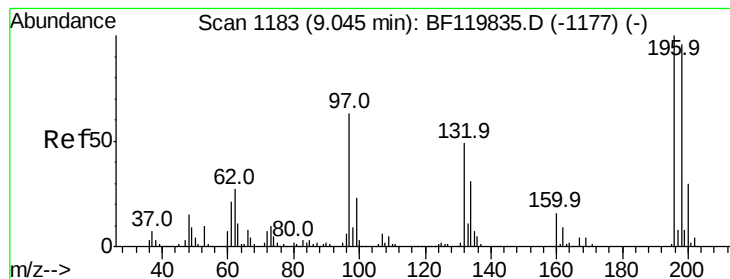
332 97.8 75.7 113.5

141 34.2 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 40.522 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

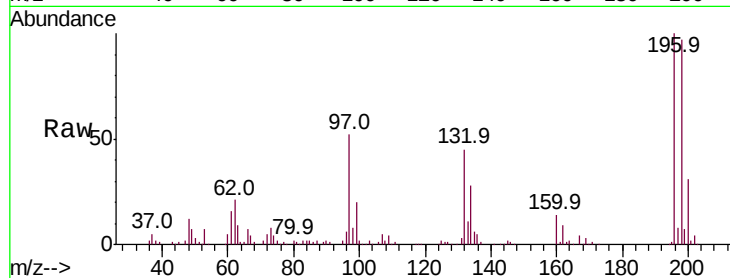
Tot Ion:196 Resp: 165486

Ion Ratio Lower Upper

196 100

198 96.8 76.6 115.0

200 31.2 24.6 36.8

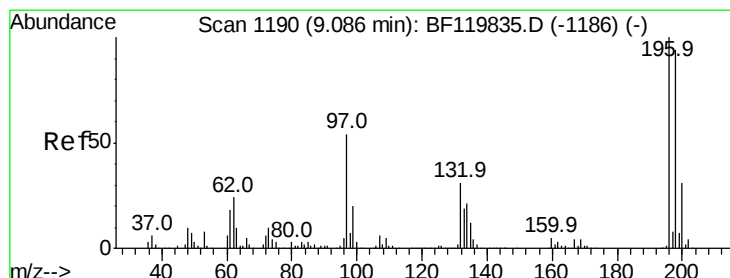
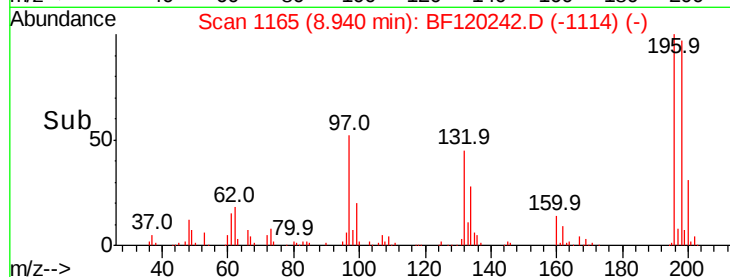
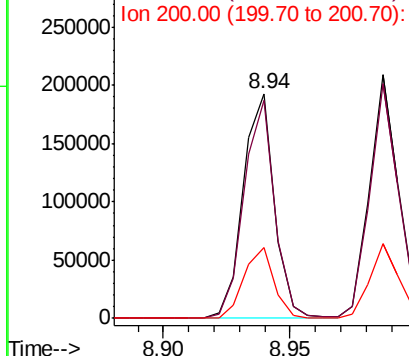


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 36.972 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Tgt Ion:196 Resp: 170056

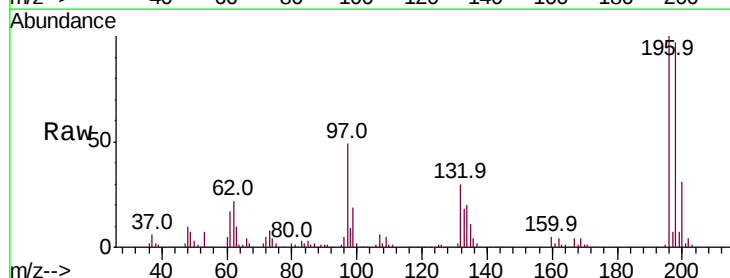
Ion Ratio Lower Upper

196 100

198 96.5 73.8 110.8

97 49.3 42.6 63.8

132 29.5 24.0 36.0



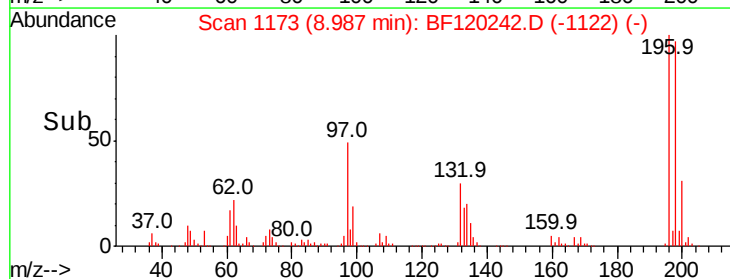
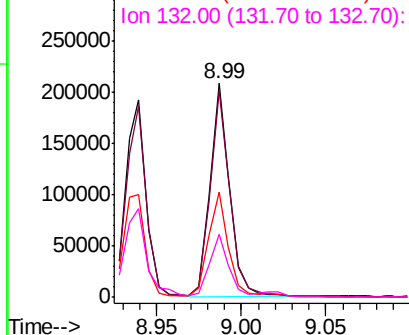
Abundance

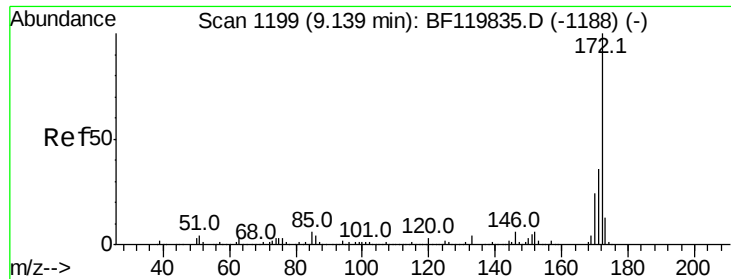
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

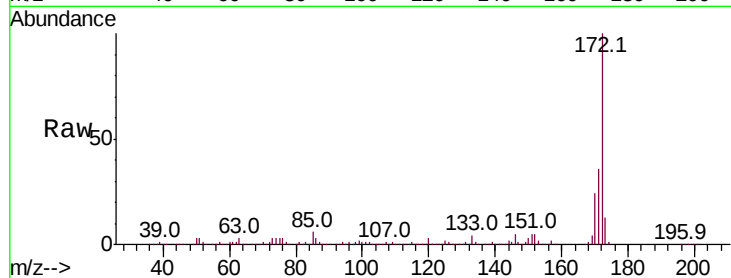




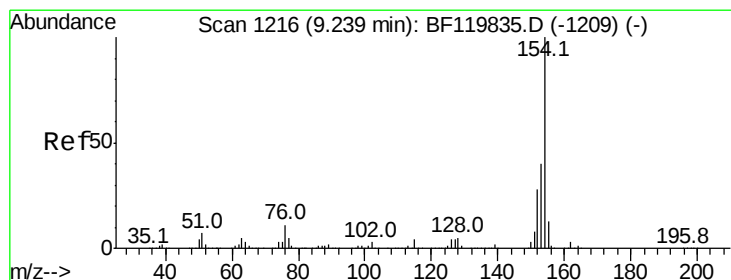
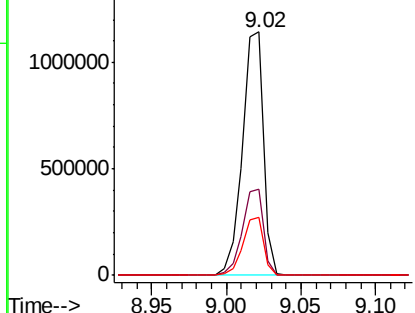
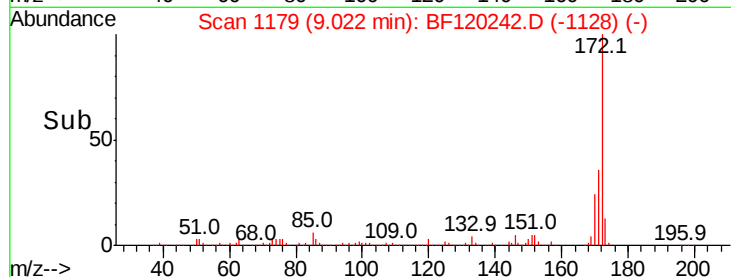
#45
2-Fluorobiphenyl
Concen: 84.737 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PB128574BSD

Tot Ion:172 Resp: 1117519
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.8 20.2 30.2

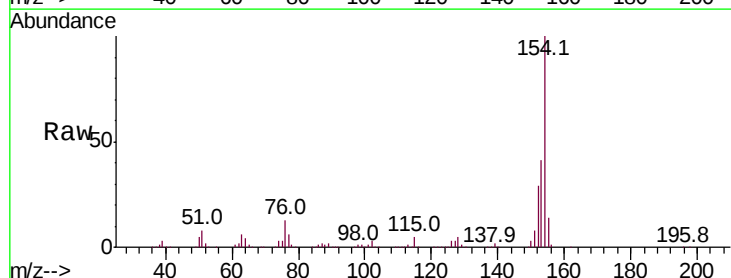


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

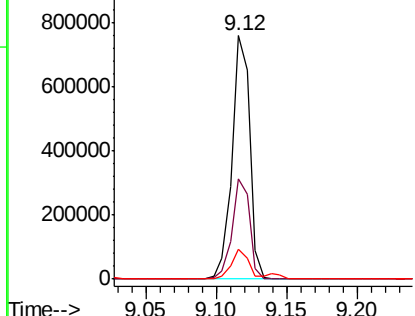
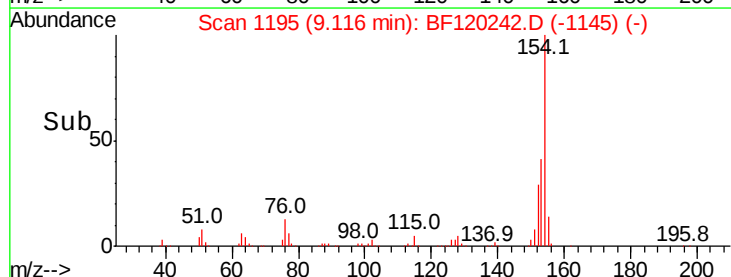


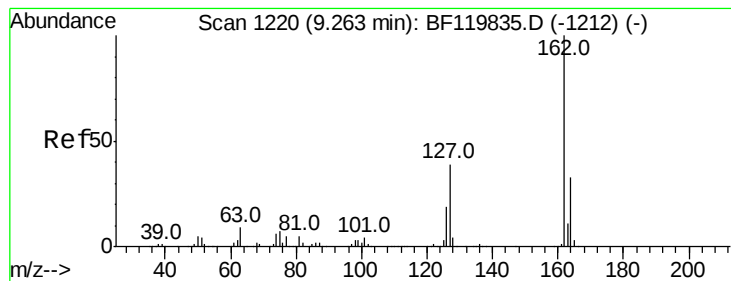
#46
1,1'-Biphenyl
Concen: 41.914 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion:154 Resp: 662417
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 12.5 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 42.548 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

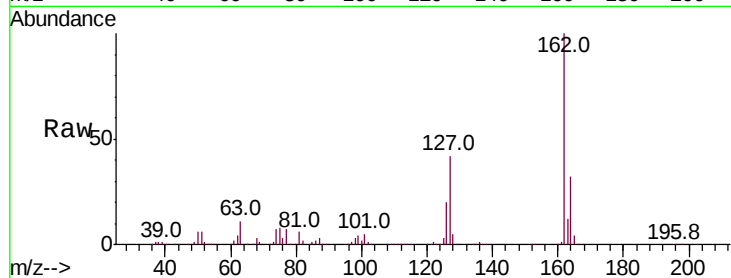
Tot Ion:162 Resp: 518020

Ion Ratio Lower Upper

162 100

127 41.9 33.7 50.5

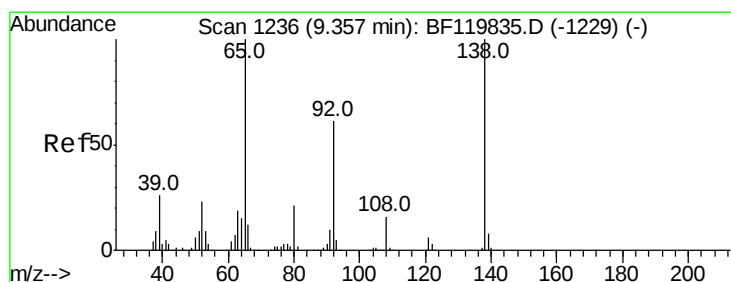
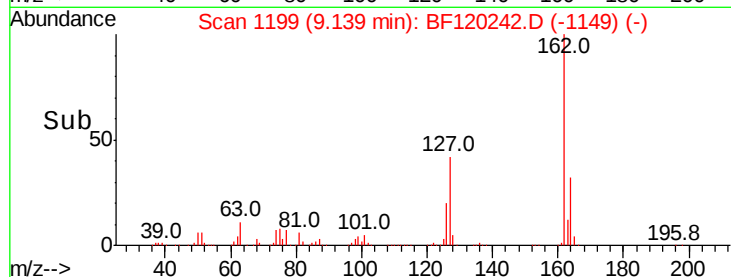
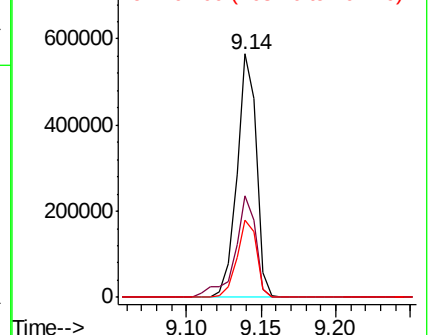
164 31.8 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.723 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

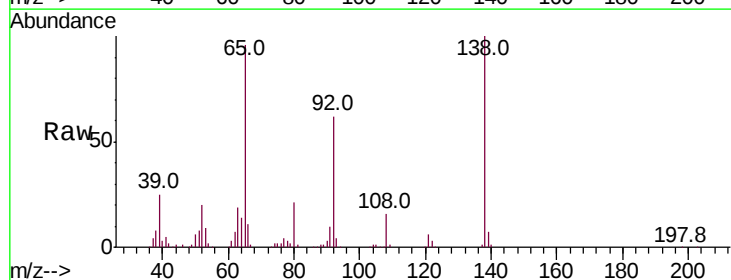
Tgt Ion: 65 Resp: 184084

Ion Ratio Lower Upper

65 100

92 63.9 50.0 75.0

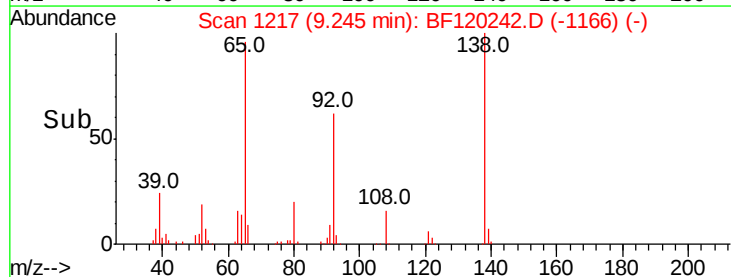
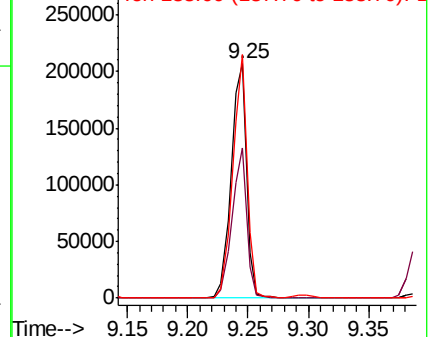
138 103.8 75.0 112.4

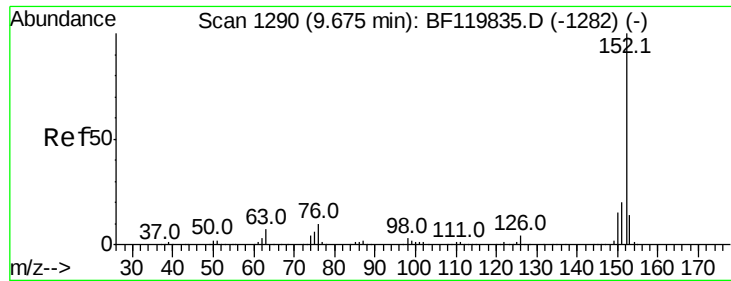


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.915 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

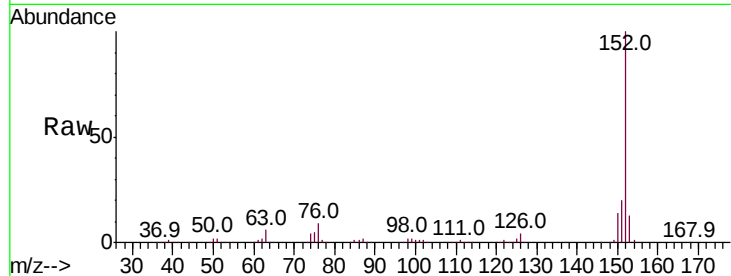
Tot Ion:152 Resp: 813105

Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

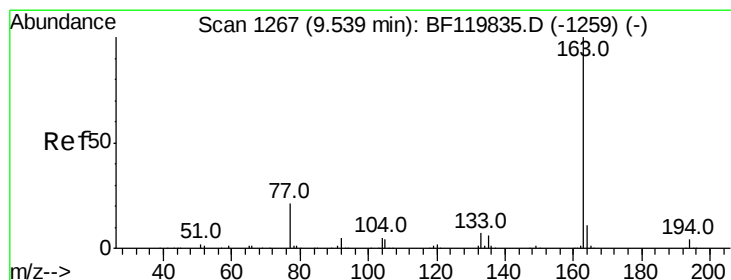
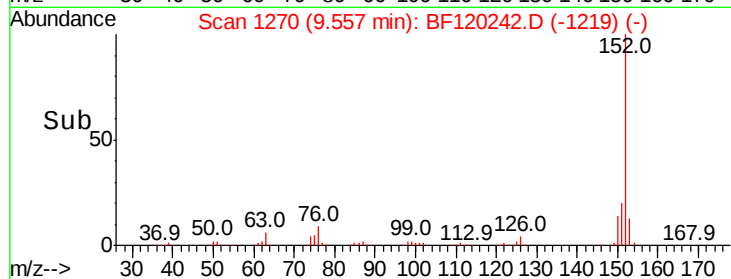
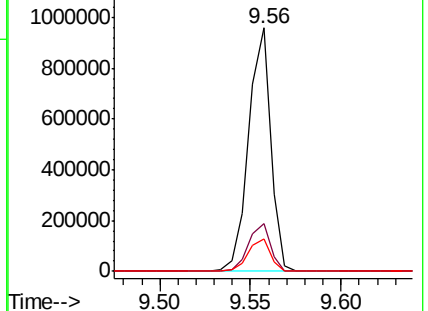
153 13.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.742 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

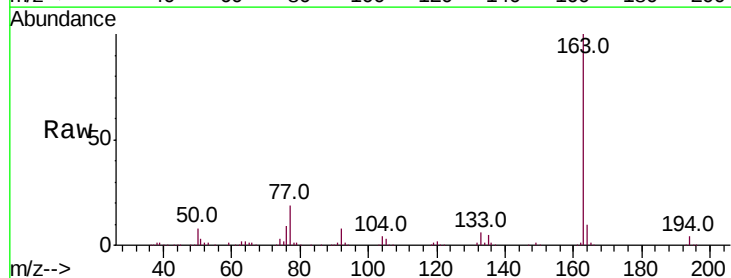
Tgt Ion:163 Resp: 604550

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

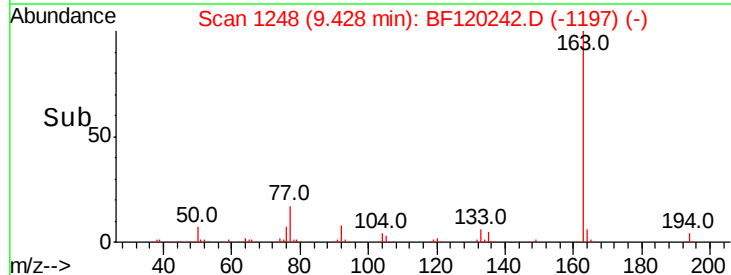
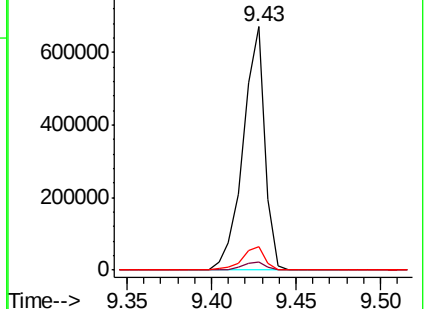
164 9.7 8.2 12.2

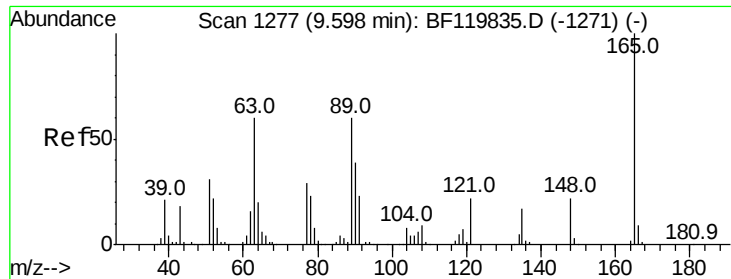


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

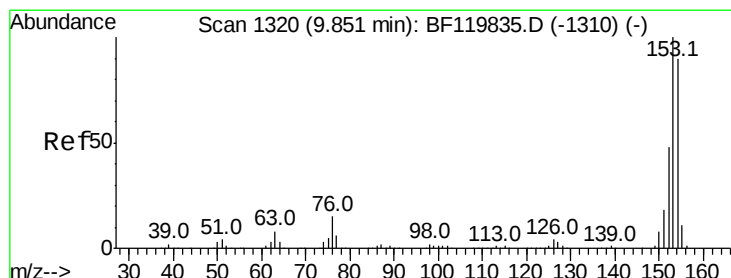
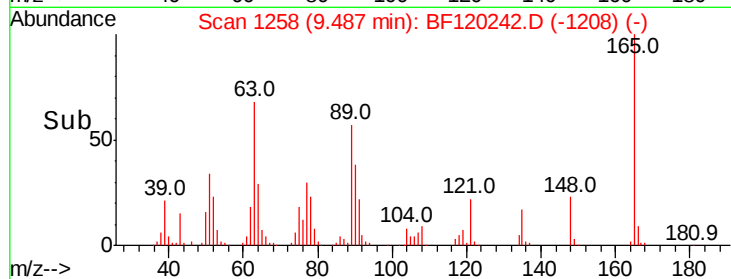
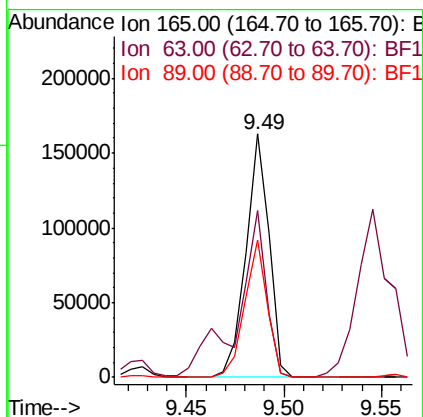
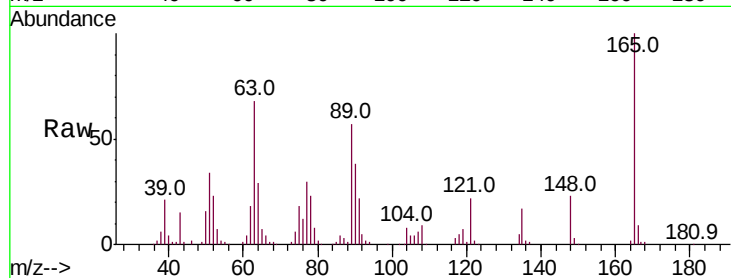




#51
 2,6-Dinitrotoluene
 Concen: 42.152 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

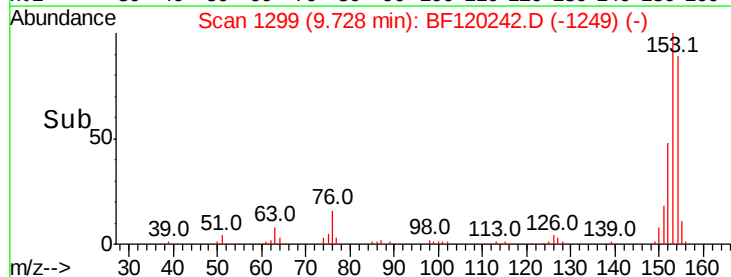
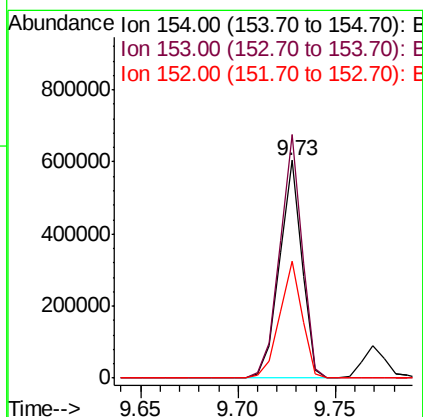
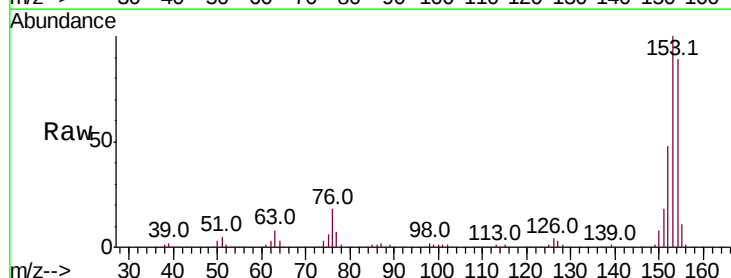
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

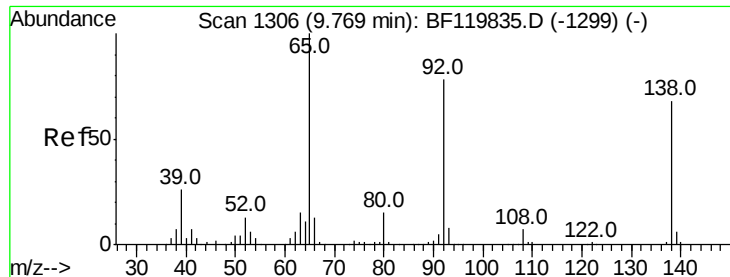
Tot Ion:165 Resp: 133685
 Ion Ratio Lower Upper
 165 100
 63 68.5 45.0 67.4#
 89 56.6 41.5 62.3



#52
 Acenaphthene
 Concen: 39.013 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:154 Resp: 481850
 Ion Ratio Lower Upper
 154 100
 153 111.9 88.1 132.1
 152 53.6 43.0 64.4

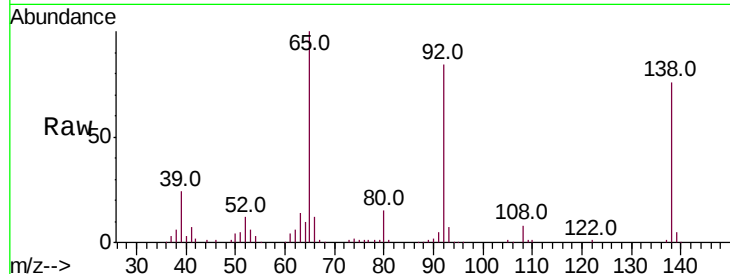




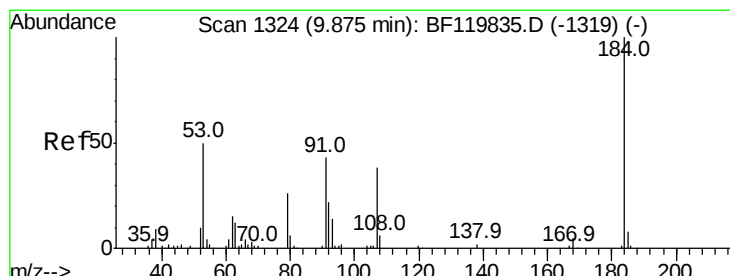
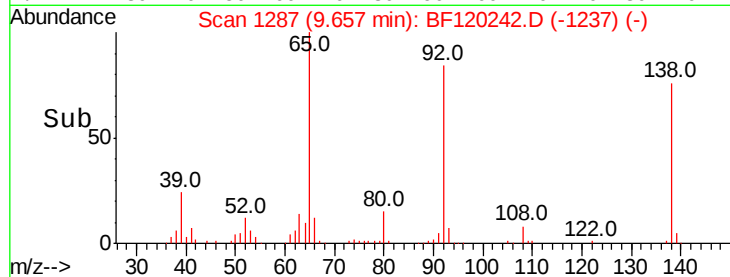
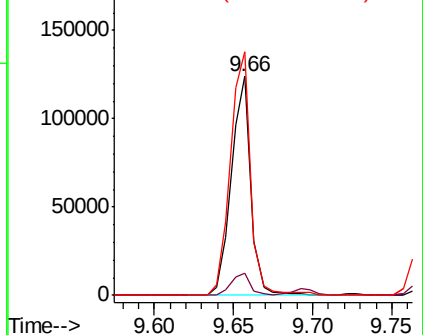
#53
 3-Nitroaniline
 Concen: 29.257 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

Tot Ion:138 Resp: 105976
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.6 13.0
 92 111.1 95.4 143.0

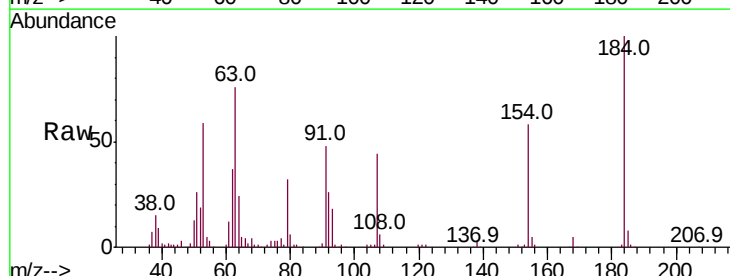


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

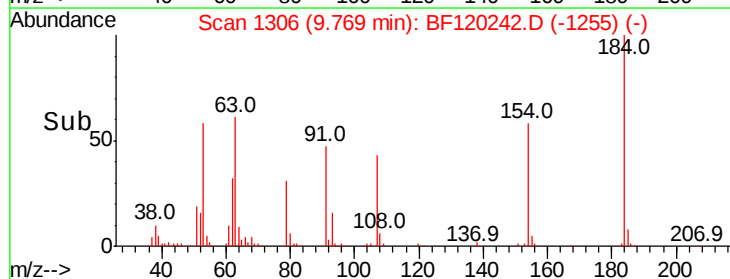
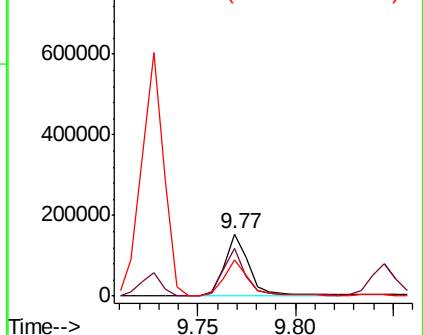


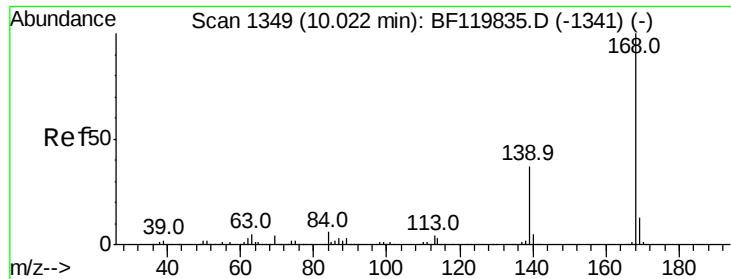
#54
 2,4-Dinitrophenol
 Concen: 72.607 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:184 Resp: 137866
 Ion Ratio Lower Upper
 184 100
 63 76.1 50.2 75.4#
 154 57.7 44.5 66.7



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

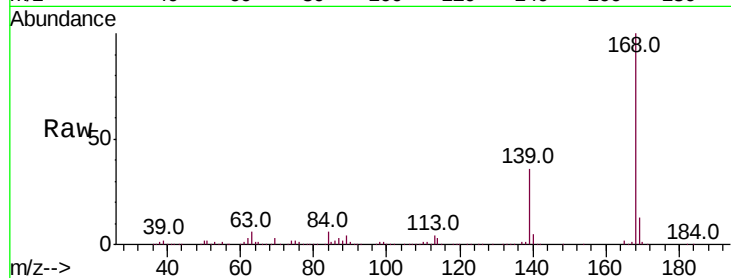




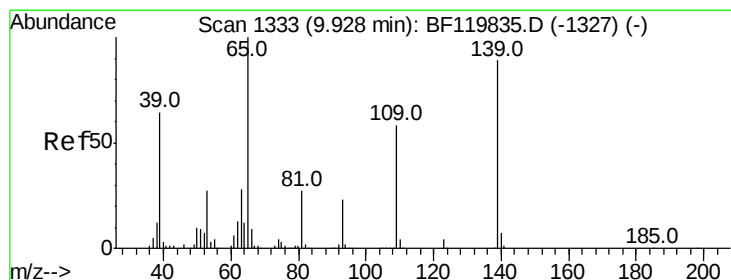
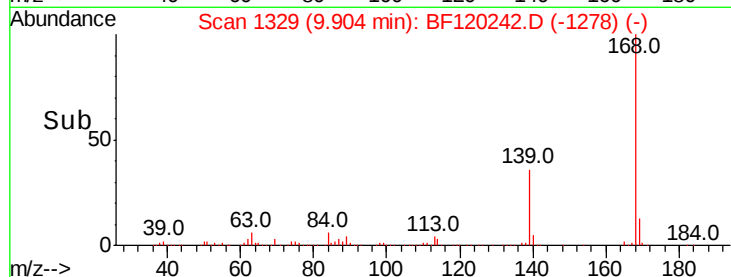
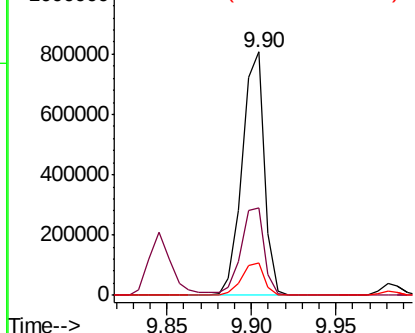
#55
Dibenzofuran
Concen: 43.677 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PB128574BSD

Tot Ion:168 Resp: 740276
Ion Ratio Lower Upper
168 100
139 36.0 30.1 45.1
169 13.3 11.0 16.6

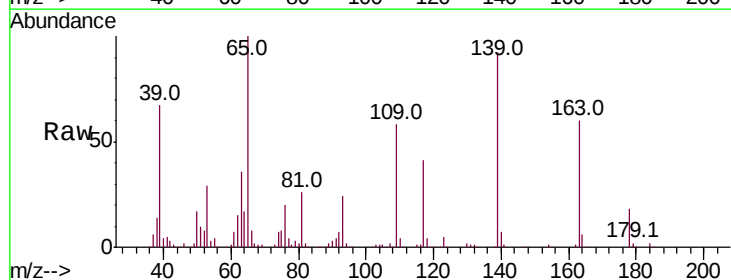


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

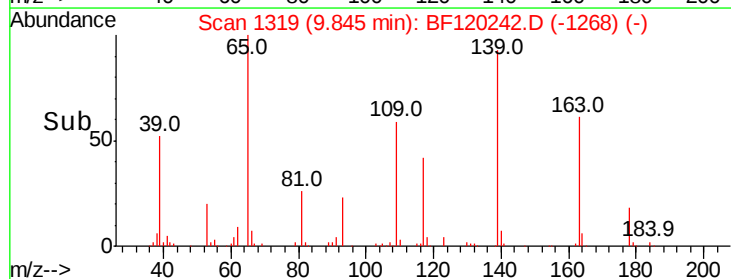
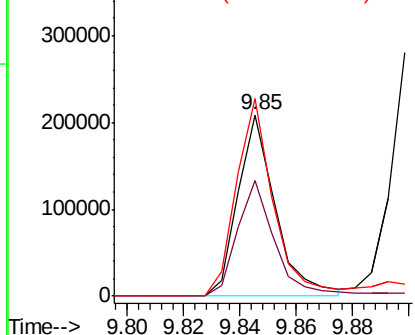


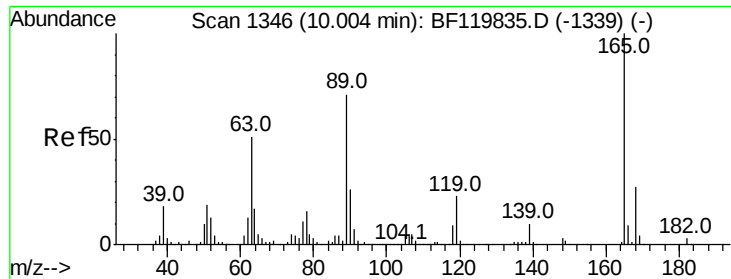
#56
4-Nitrophenol
Concen: 71.514 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion:139 Resp: 192736
Ion Ratio Lower Upper
139 100
109 63.6 43.3 83.3
65 108.8 91.0 131.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

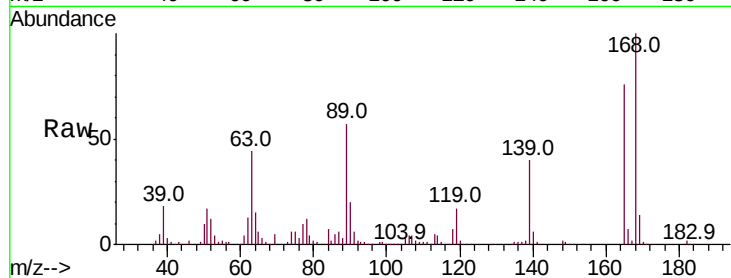




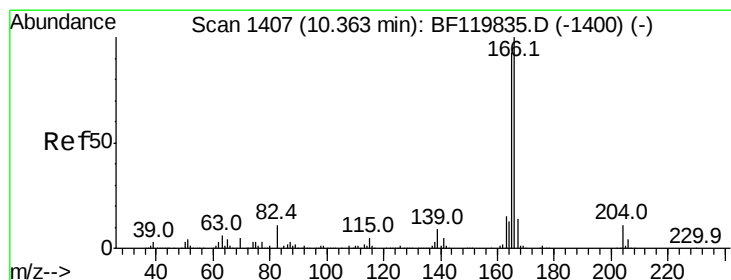
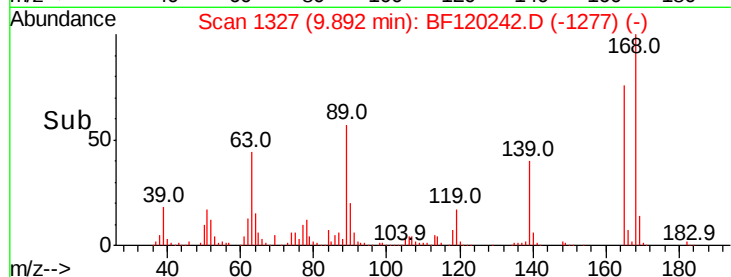
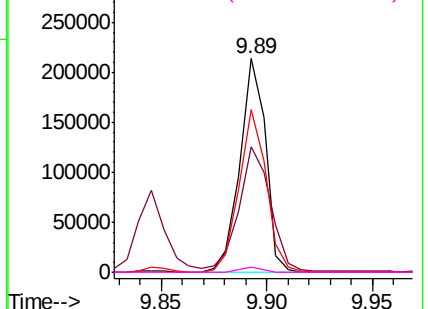
#57
 2,4-Dinitrotoluene
 Concen: 43.001 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

Tot Ion:	165	Resp:	179682
Ion	Ratio	Lower	Upper
165	100		
63	58.7	42.6	64.0
89	76.0	61.0	91.4
182	2.6	2.2	3.2

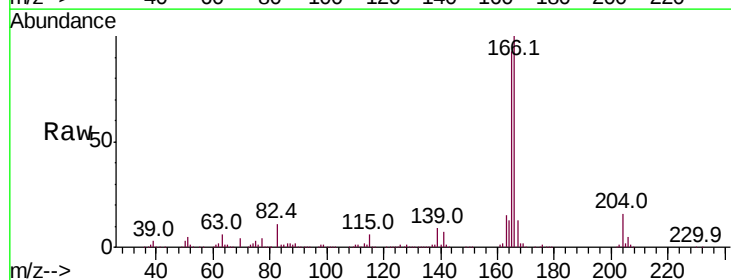


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

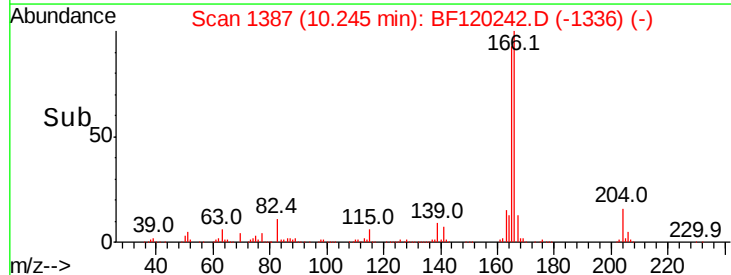
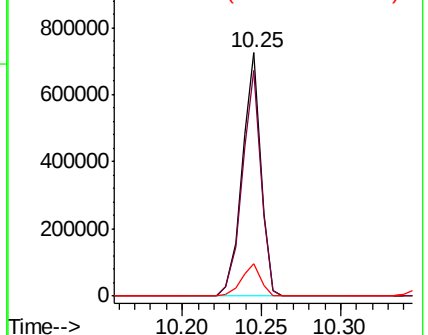


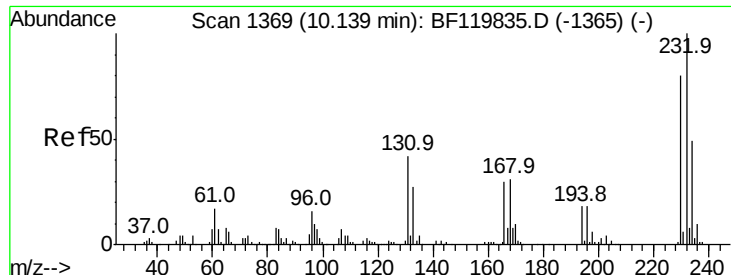
#58
 Fluorene
 Concen: 43.385 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:	166	Resp:	588075
Ion	Ratio	Lower	Upper
166	100		
165	92.9	75.4	113.2
167	13.2	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

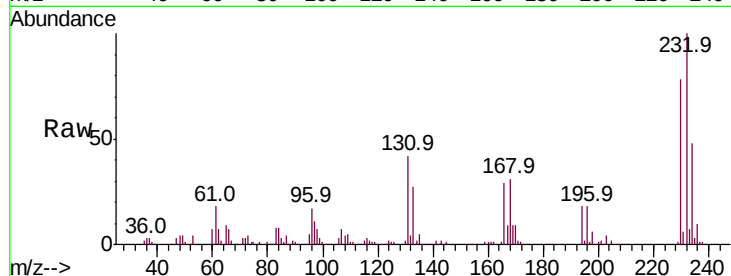




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.269 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

Tot Ion:	232	Resp:	148698
Ion	Ratio	Lower	Upper
232	100		
131	43.0	37.5	56.3
130	1.9	1.8	2.6
166	29.6	24.6	36.8



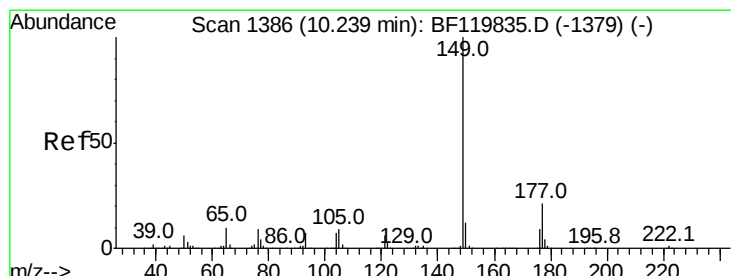
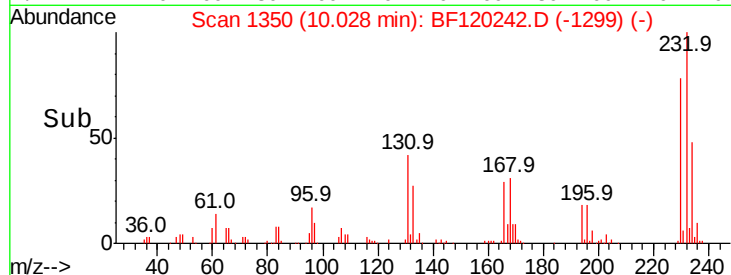
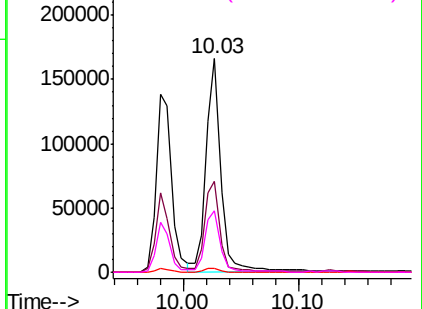
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

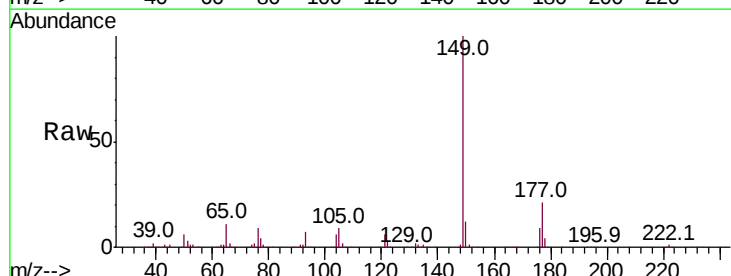
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.117 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:	149	Resp:	617189
Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	12.3	10.1	15.1

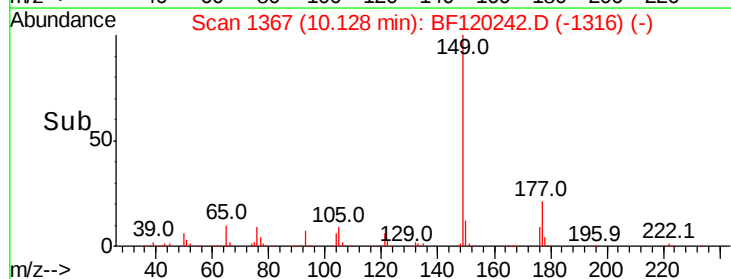
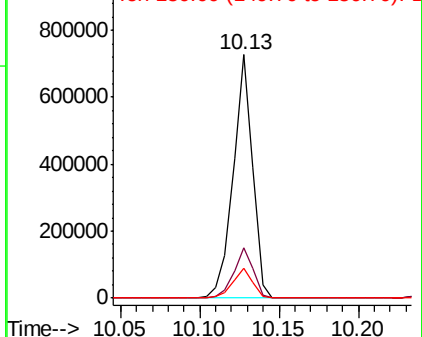


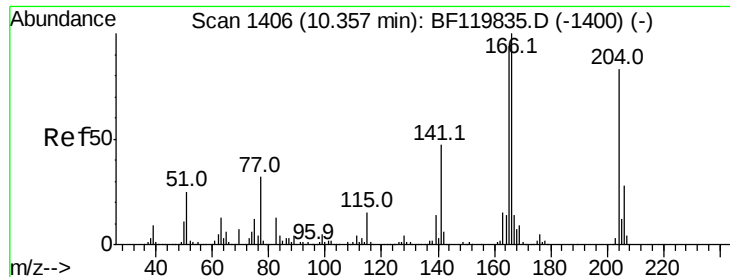
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

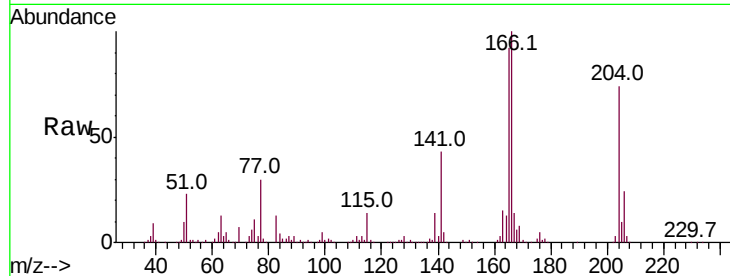




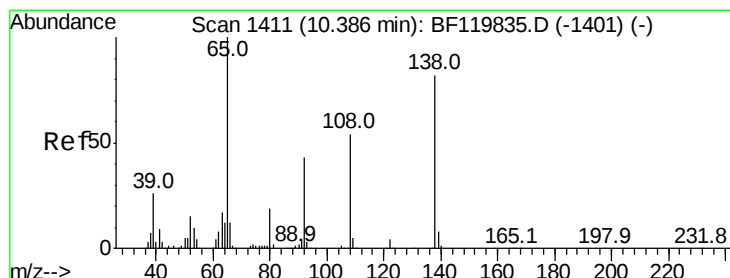
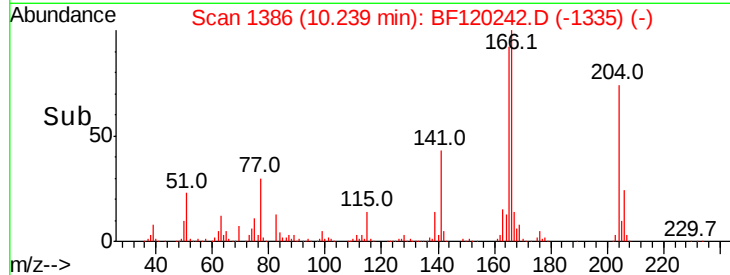
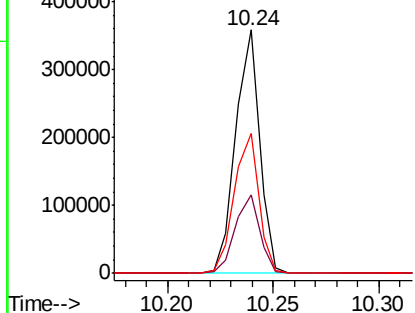
#61
 4-Chlorophenyl-phenylether
 Concen: 40.581 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

Tot Ion:	204	Resp:	281930
Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.7	40.1
141	57.4	47.3	70.9

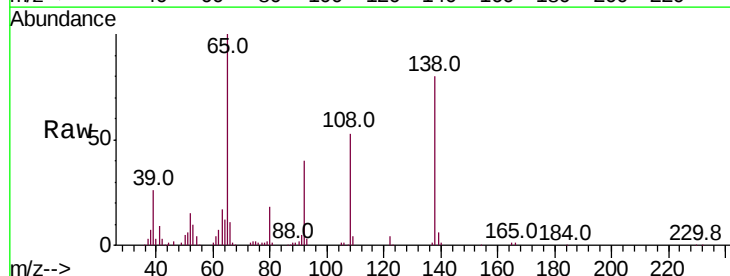


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

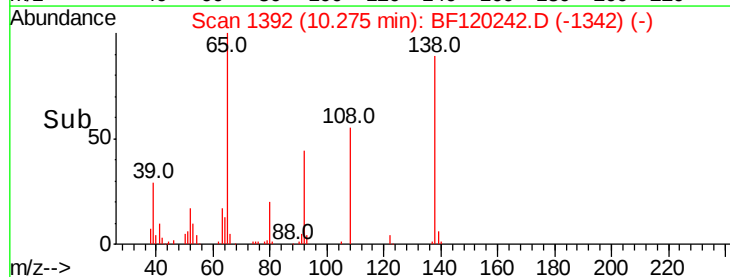
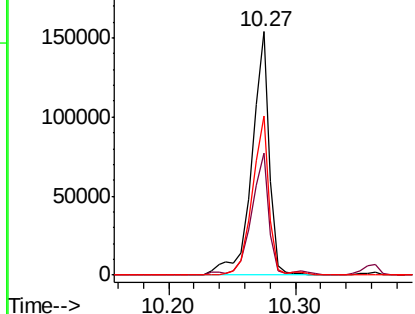


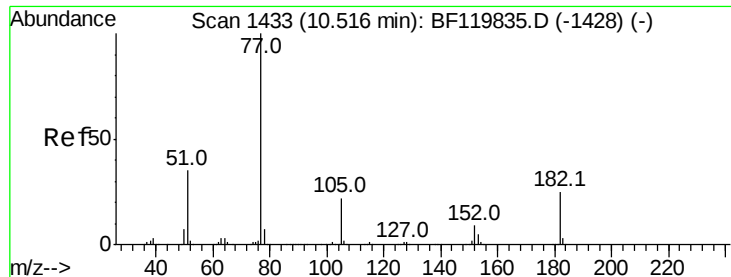
#62
 4-Nitroaniline
 Concen: 43.139 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:	138	Resp:	148916
Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.5	71.5
108	65.5	45.8	85.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.643 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

Tot Ion: 77 Resp: 587106

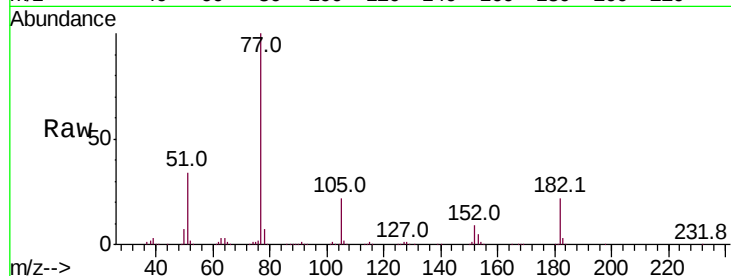
Ion Ratio Lower Upper

77 100

182 22.4 4.4 44.4

105 21.6 2.6 42.6

51 33.8 15.1 55.1

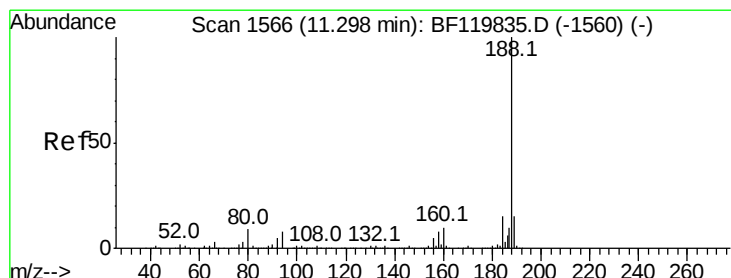
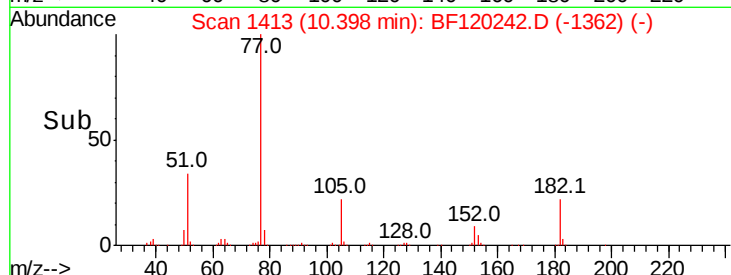
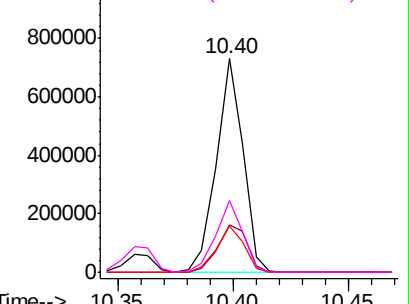


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

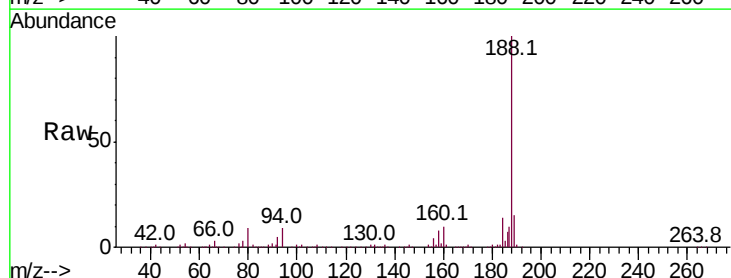
Tgt Ion: 188 Resp: 364587

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

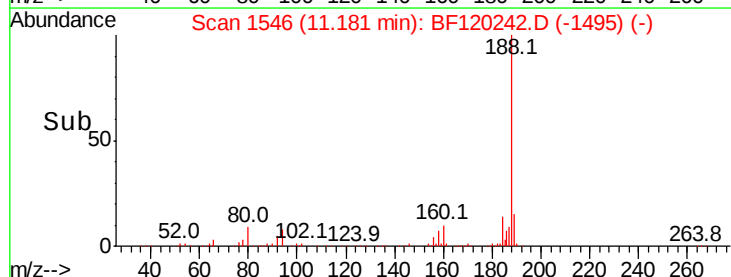
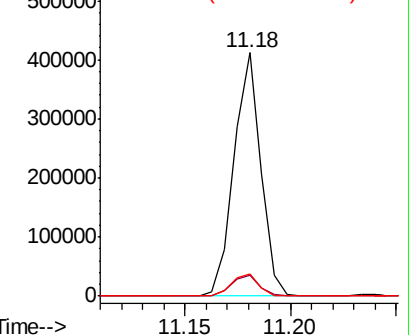
80 9.2 9.0 13.4

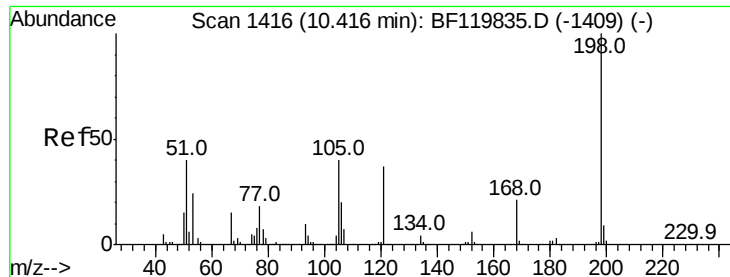


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

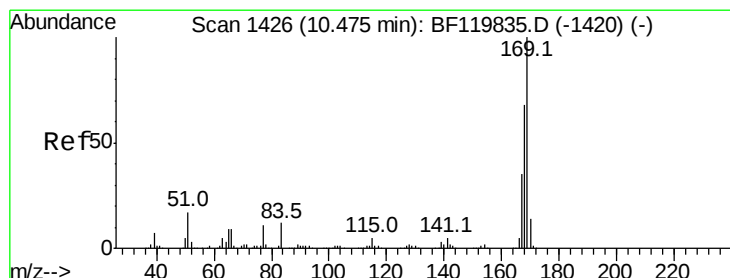
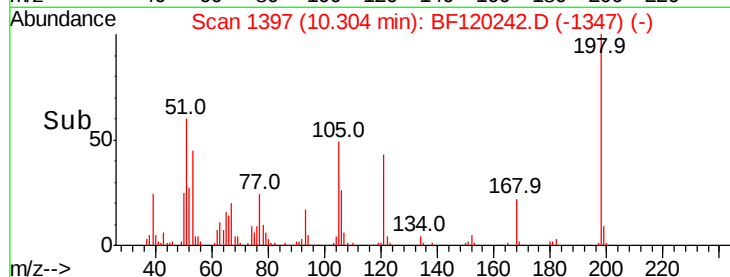
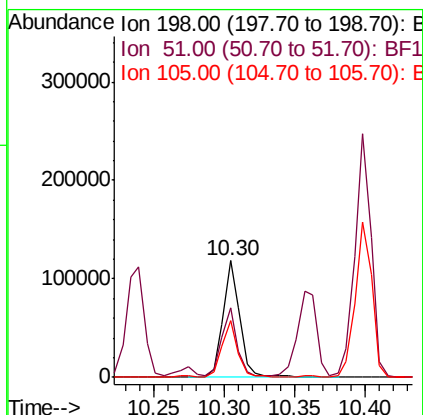
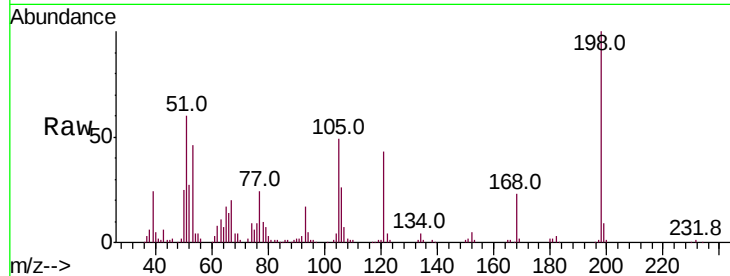




#65
4,6-Dinitro-2-methylphenol
Concen: 41.265 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

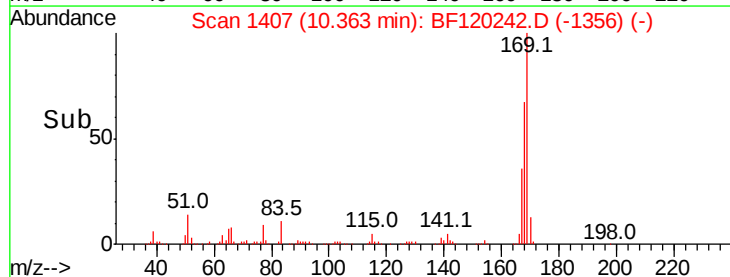
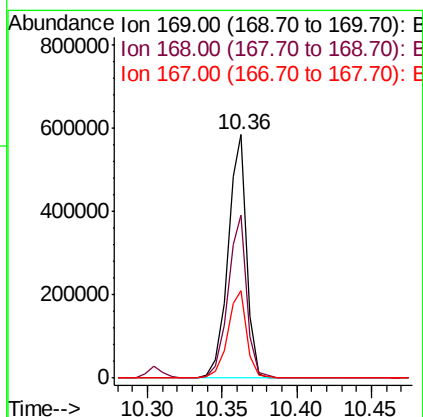
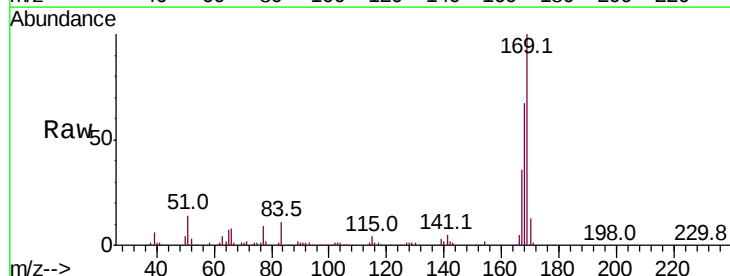
Instrument :
BNA_F
ClientSampleId :
PB128574BSD

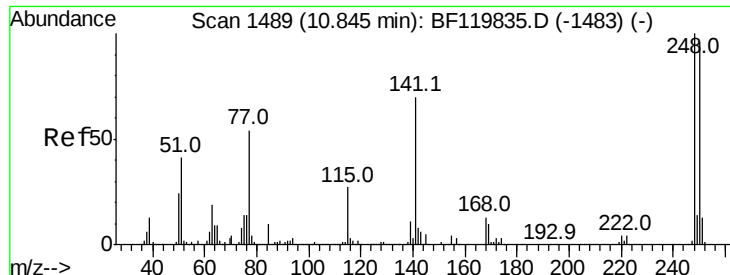
Tot Ion:198 Resp: 99116
Ion Ratio Lower Upper
198 100
51 60.1 29.0 69.0
105 48.6 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 42.581 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion:169 Resp: 516297
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.0 29.1 43.7

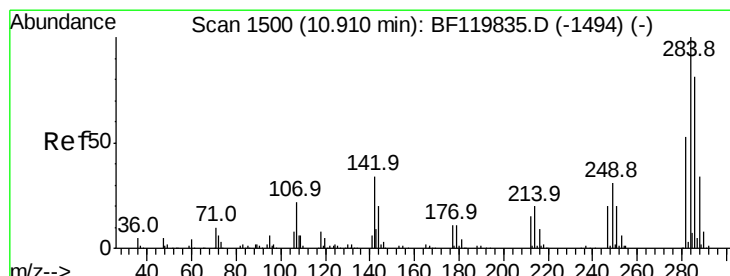
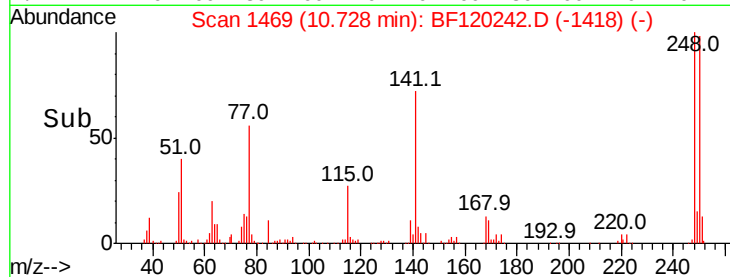
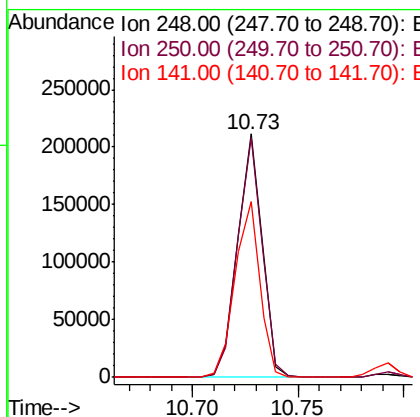
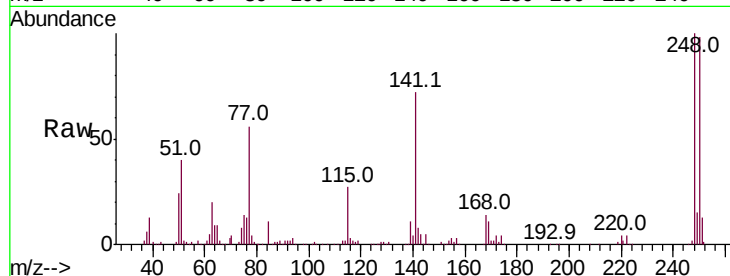




#67
 4-Bromophenyl-phenylether
 Concen: 37.430 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

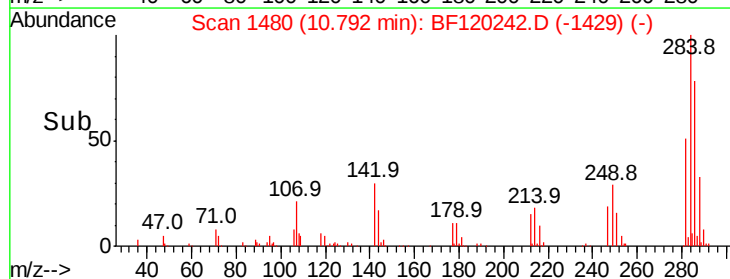
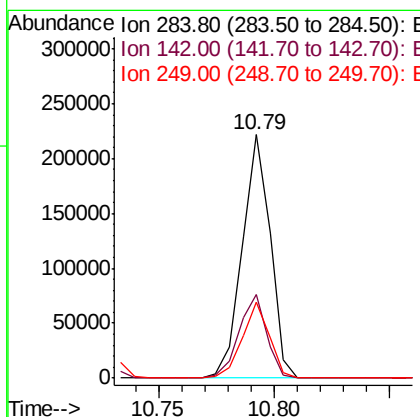
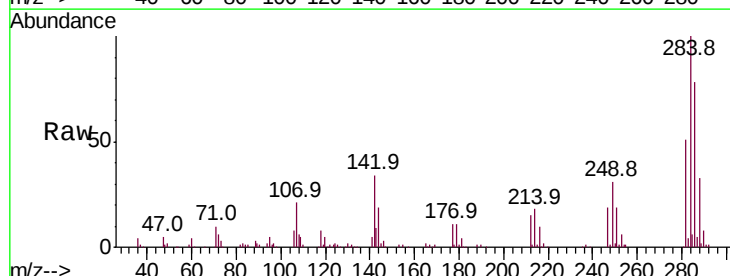
Instrument :
 BNA_F
 ClientSampleID :
 PB128574BSD

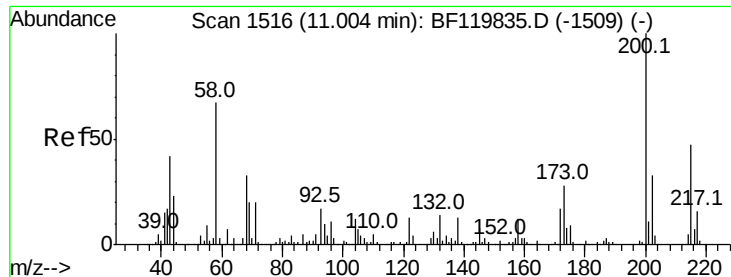
Tot Ion:248 Resp: 169710
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.3 115.9
 141 72.3 58.6 87.8



#68
 Hexachlorobenzene
 Concen: 40.959 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion:284 Resp: 188395
 Ion Ratio Lower Upper
 284 100
 142 34.3 29.2 43.8
 249 31.1 25.1 37.7

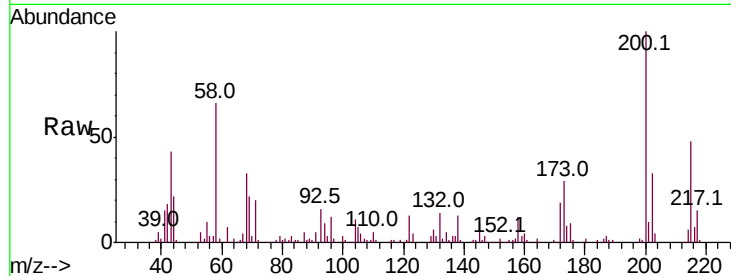




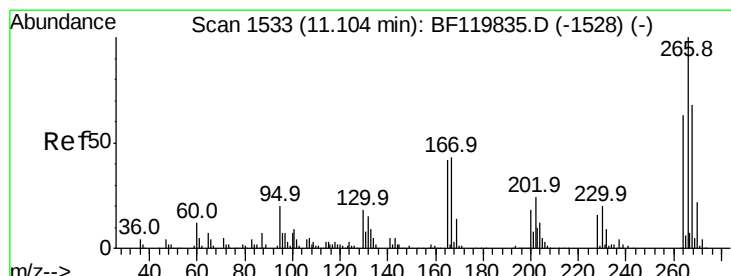
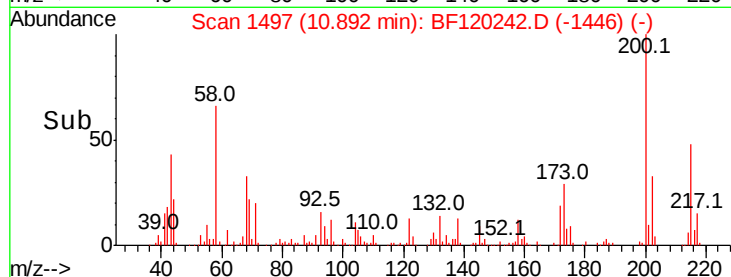
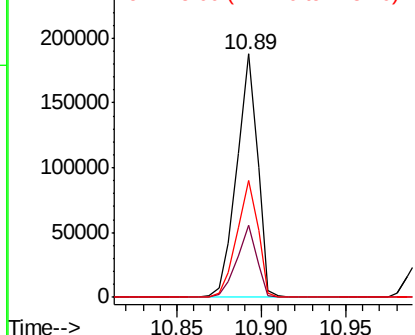
#69
 Atrazine
 Concen: 47.821 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.5	9.3	49.3
215	48.3	29.5	69.5

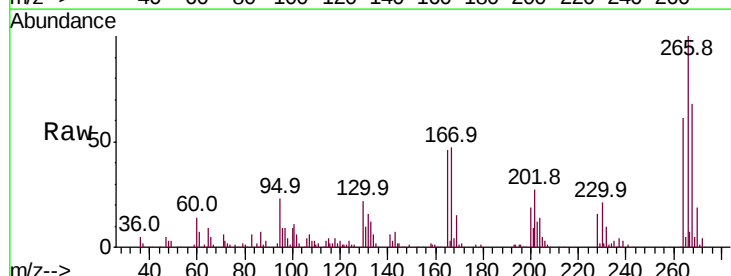


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

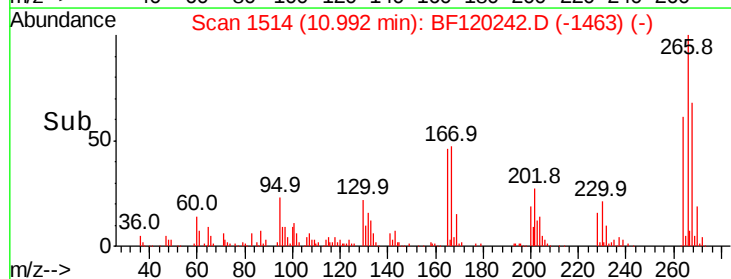
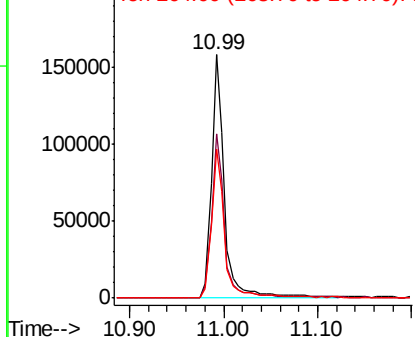


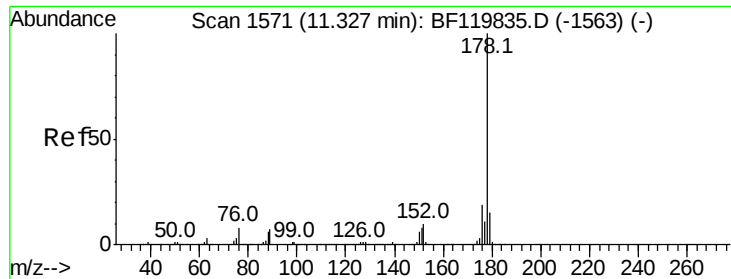
#70
 Pentachlorophenol
 Concen: 59.030 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	53.3	79.9
264	61.4	49.0	73.4



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

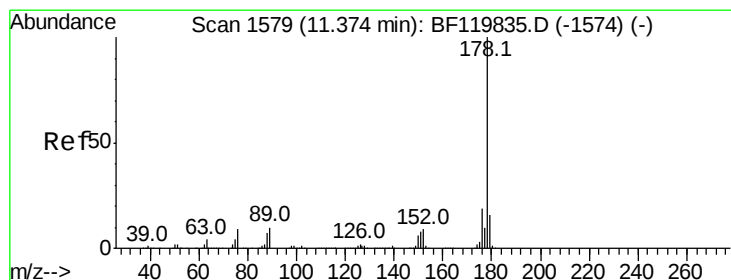
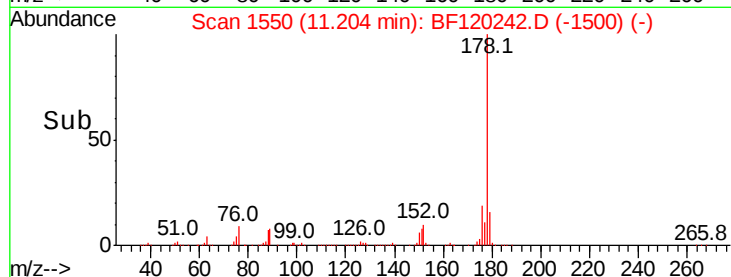
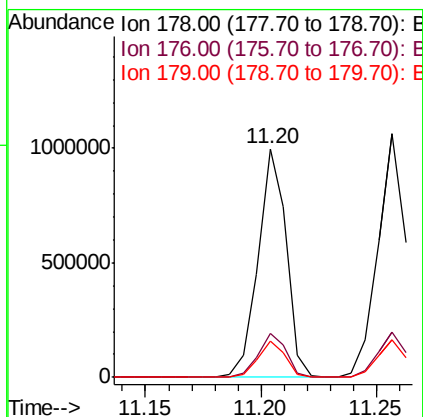
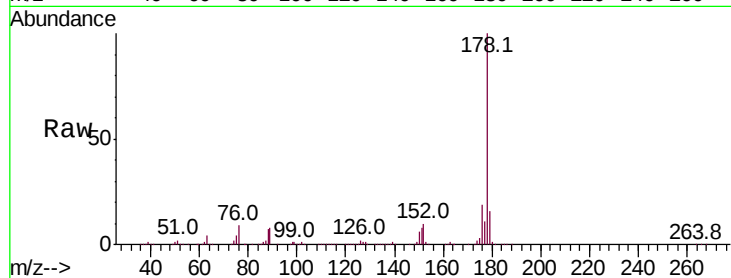




#71
Phenanthrene
Concen: 43.988 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

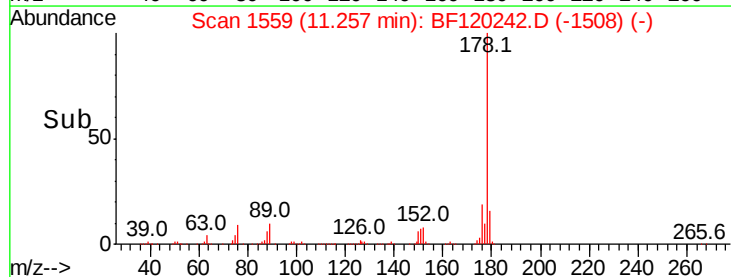
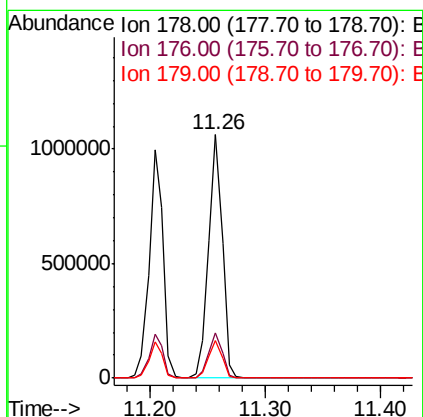
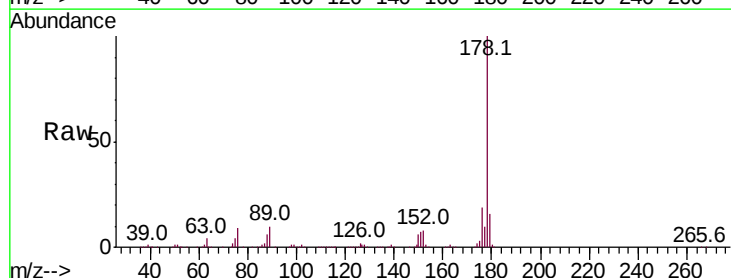
Instrument :
BNA_F
ClientSampleId :
PB128574BSD

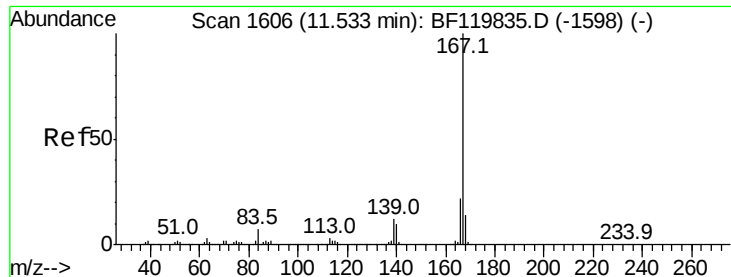
Tot Ion:178 Resp: 853526
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 15.6 13.2 19.8



#72
Anthracene
Concen: 44.943 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion:178 Resp: 890864
Ion Ratio Lower Upper
178 100
176 18.6 16.1 24.1
179 15.6 13.0 19.4





#73

Carbazole

Concen: 43.333 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

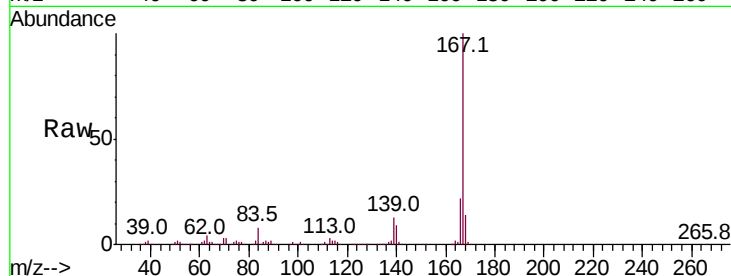
Tot Ion:167 Resp: 812278

Ion Ratio Lower Upper

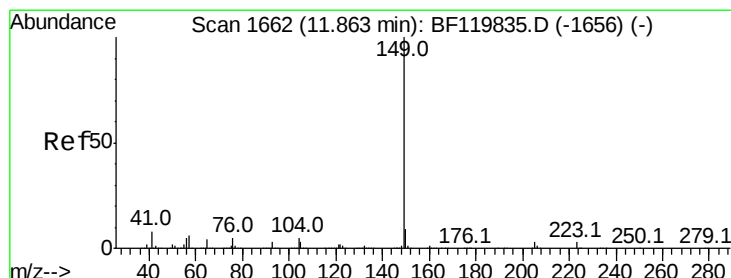
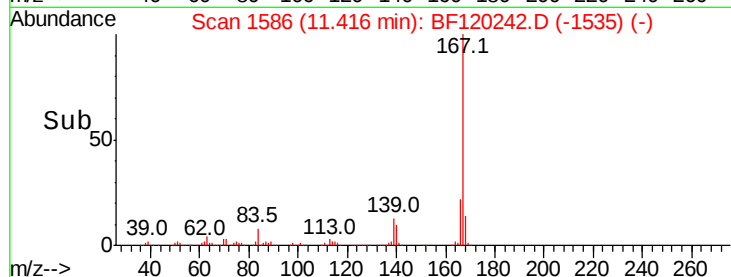
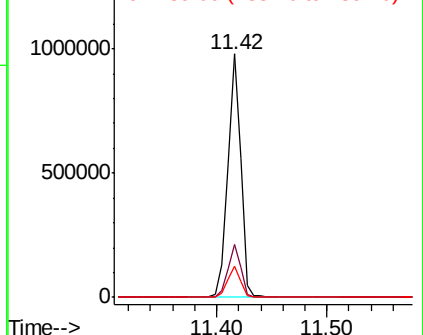
167 100

166 21.6 18.2 27.4

139 12.5 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.222 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

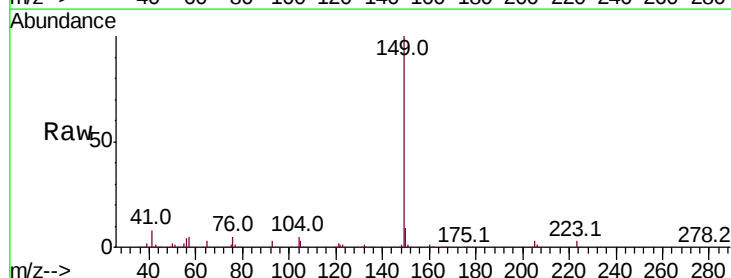
Tgt Ion:149 Resp: 1015805

Ion Ratio Lower Upper

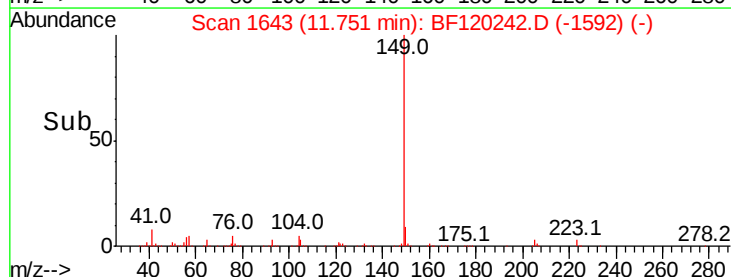
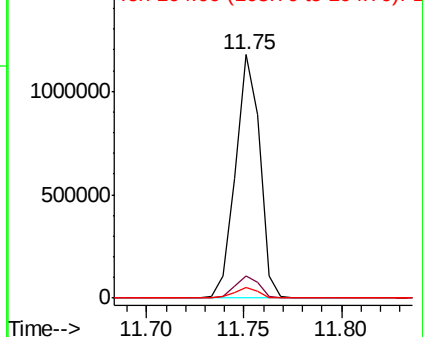
149 100

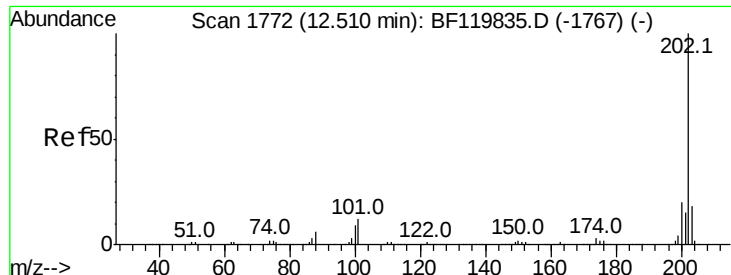
150 9.1 7.8 11.8

104 4.6 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

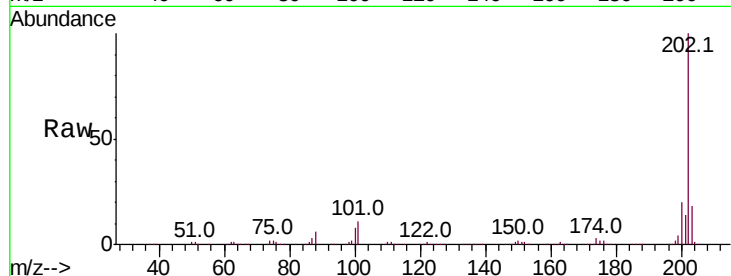




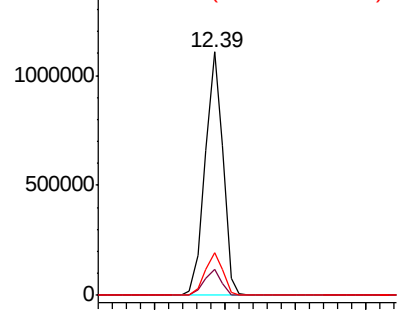
#75
Fluoranthene
 Concen: 46.233 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BSD

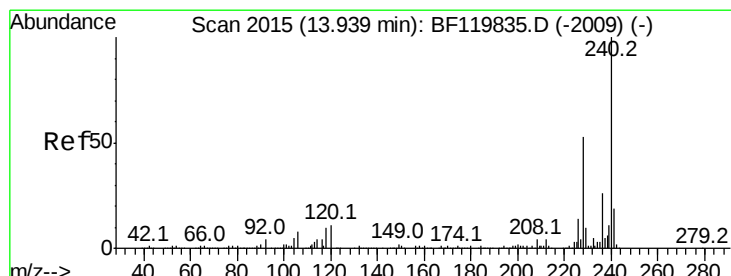
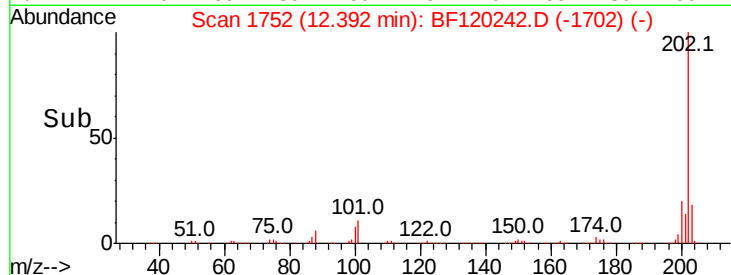
Tot Ion:	202	Resp:	967955
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.2
203	17.5	0.0	38.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

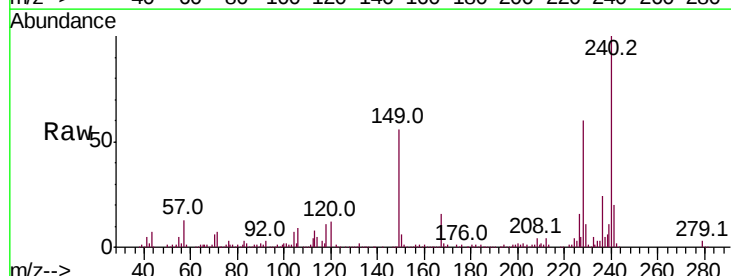


Time-->

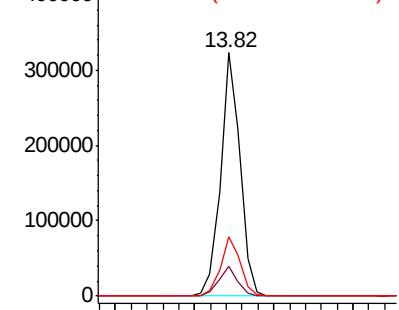


#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF120242.D
 Acq: 30 Apr 2020 16:34

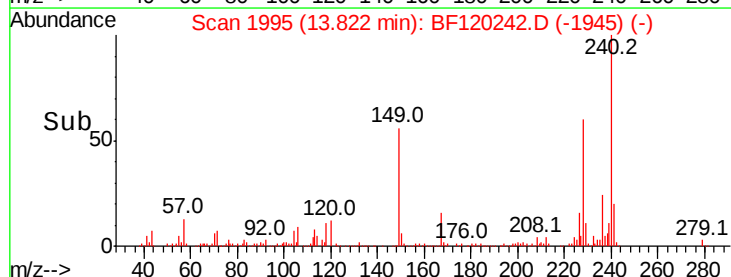
Tgt Ion:	240	Resp:	274405
Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.6	15.8
236	24.5	20.2	30.2

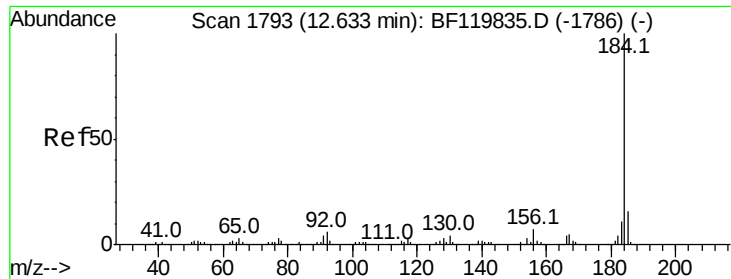


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 61.143 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

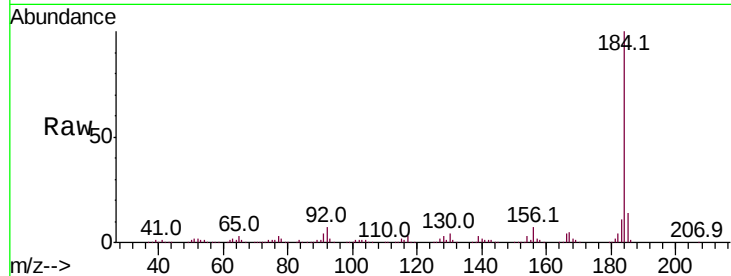
Tot Ion:184 Resp: 567147

Ion Ratio Lower Upper

184 100

185 14.0 12.3 18.5

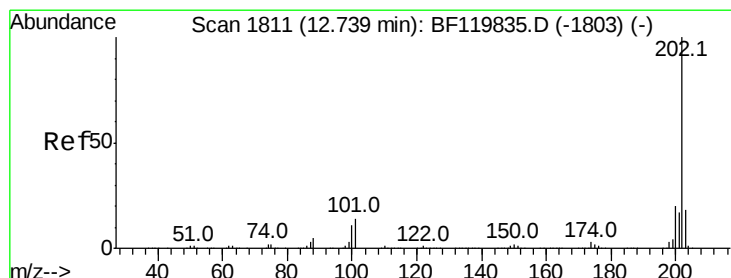
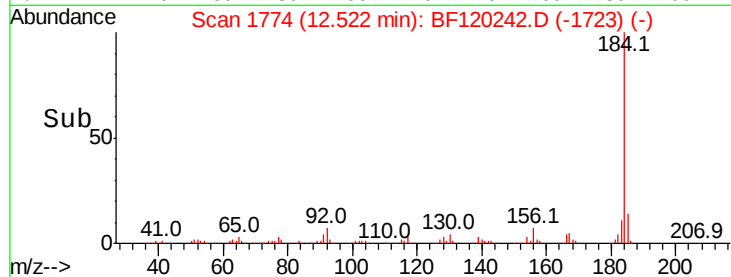
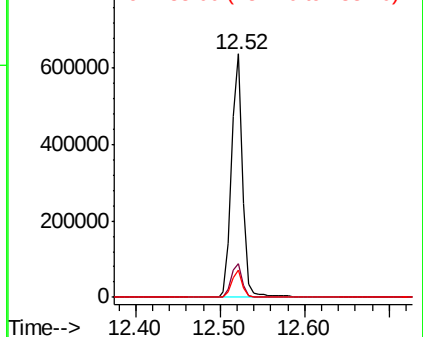
183 11.0 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.255 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

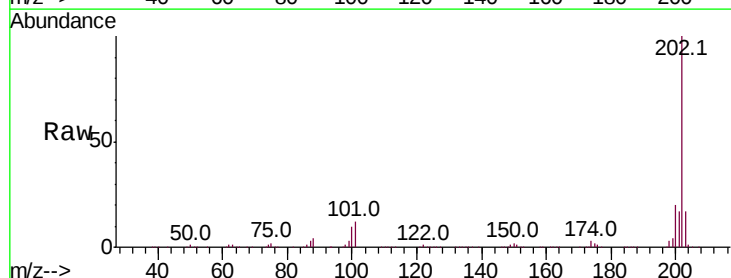
Tgt Ion:202 Resp: 977481

Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

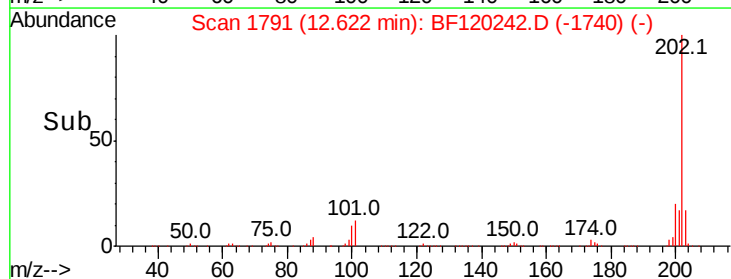
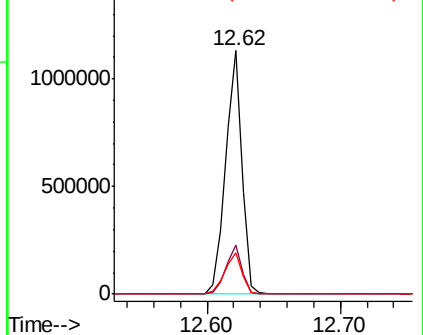
203 17.2 15.1 22.7

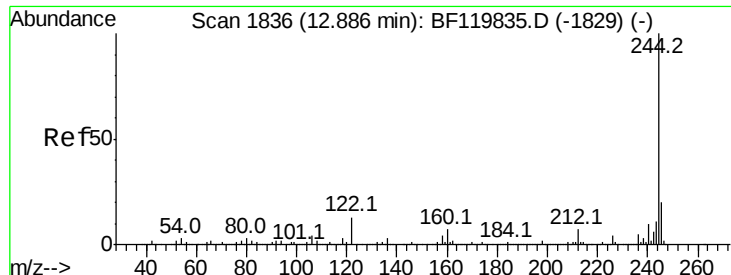


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.781 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

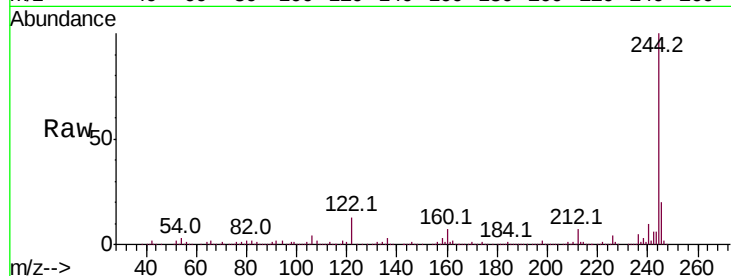
Tot Ion:244 Resp: 1333678

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

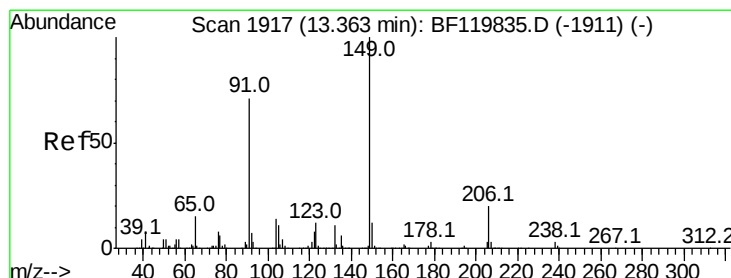
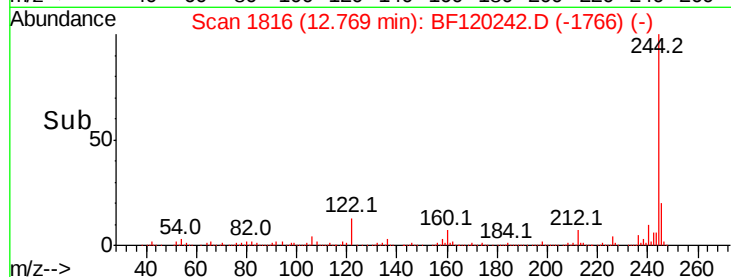
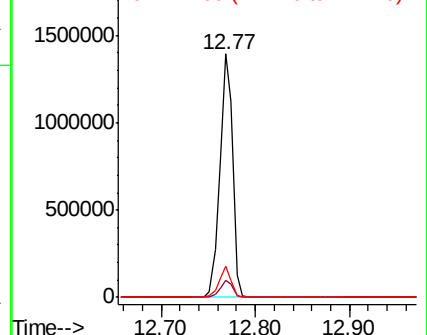
122 12.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.640 ng

RT: 13.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

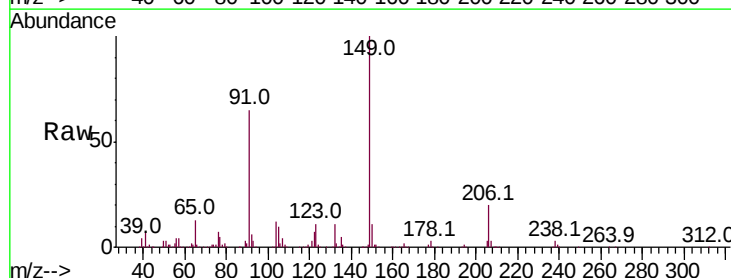
Tgt Ion:149 Resp: 433732

Ion Ratio Lower Upper

149 100

91 65.0 54.7 82.1

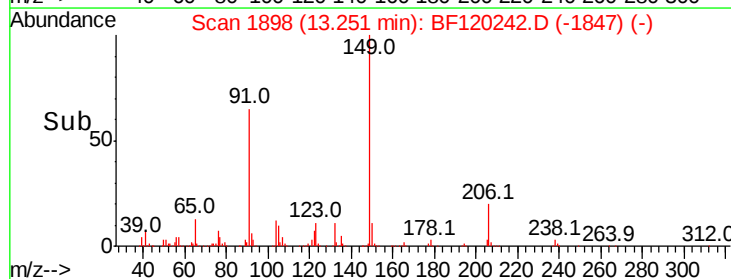
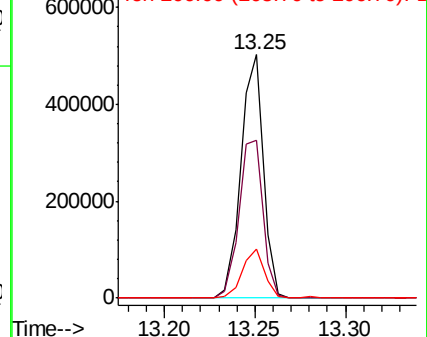
206 19.9 16.2 24.2

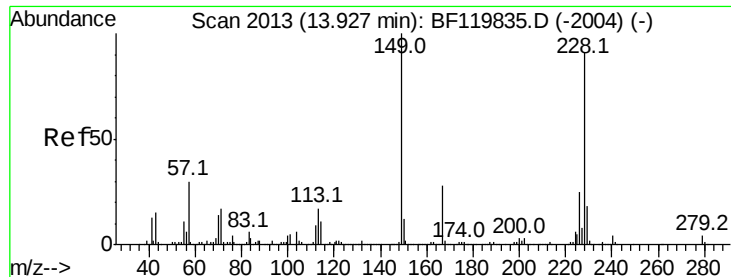


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.332 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

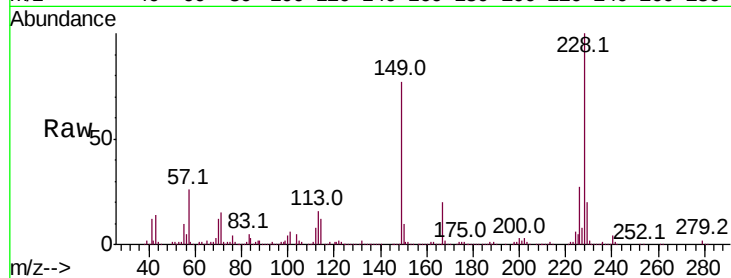
Tot Ion:228 Resp: 800289

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

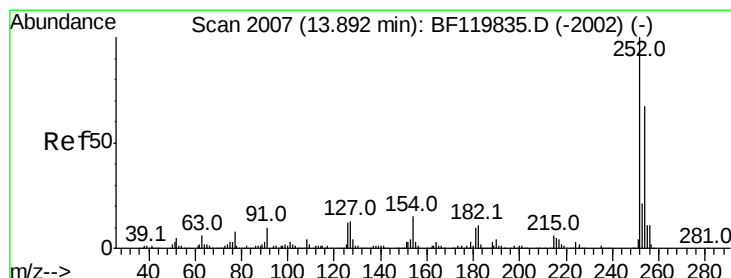
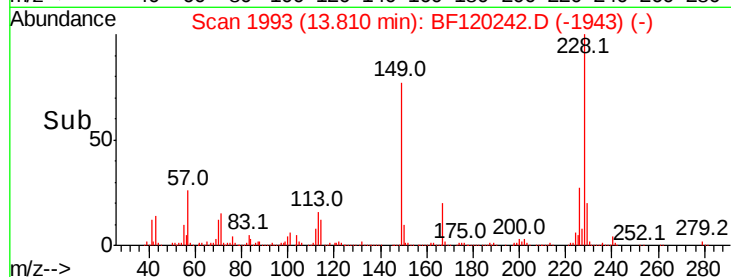
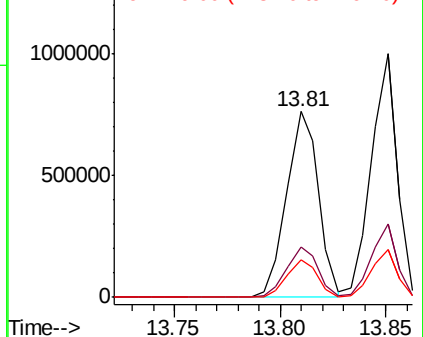
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.081 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

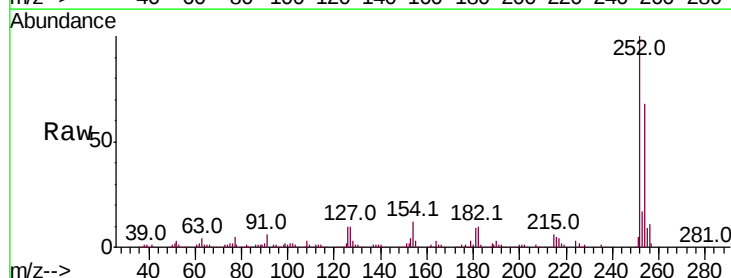
Tgt Ion:252 Resp: 209354

Ion Ratio Lower Upper

252 100

254 67.7 51.2 76.8

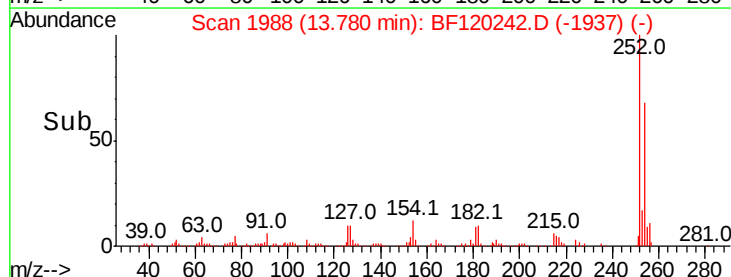
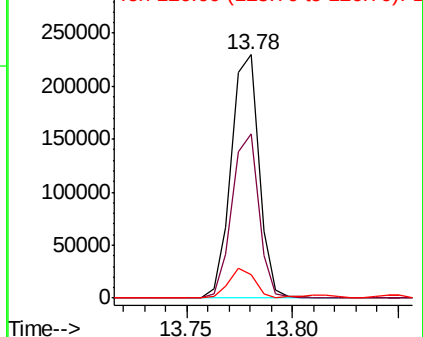
126 9.9 9.6 14.4

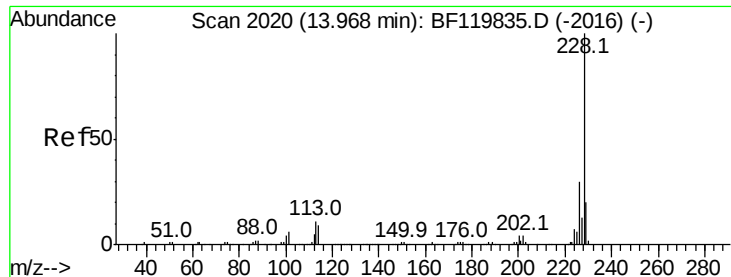


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.846 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

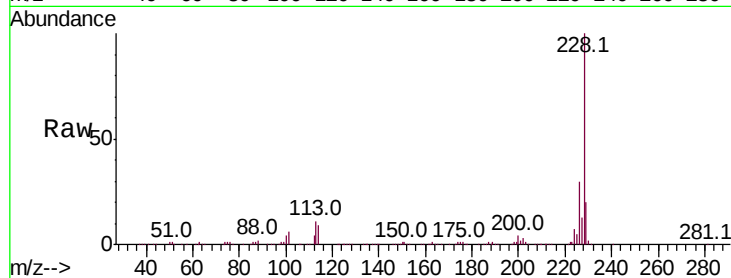
Tot Ion:228 Resp: 859269

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.0

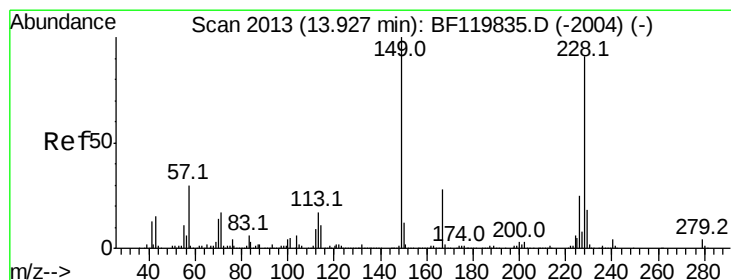
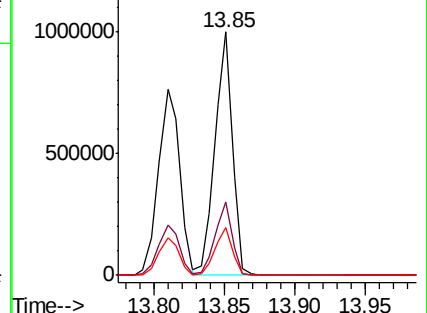
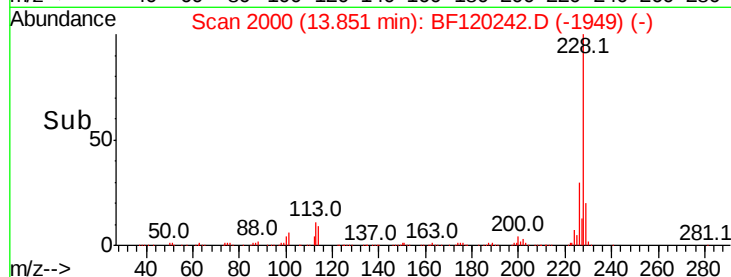
229 19.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.069 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

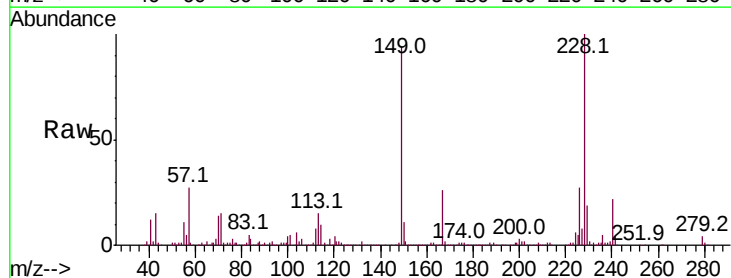
Tgt Ion:149 Resp: 578679

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

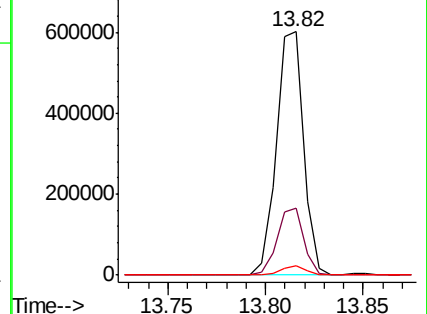
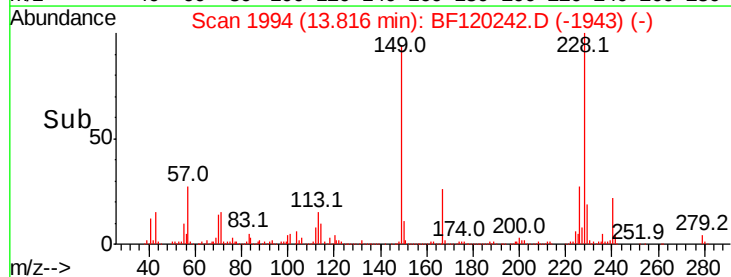
279 3.8 2.7 4.1

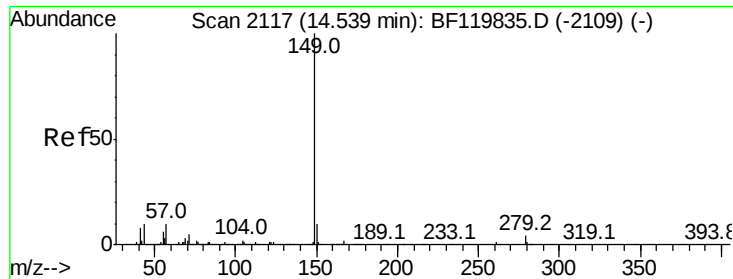


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.289 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

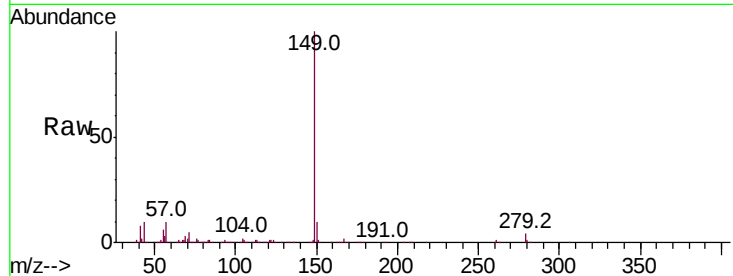
Tot Ion:149 Resp: 1016858

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

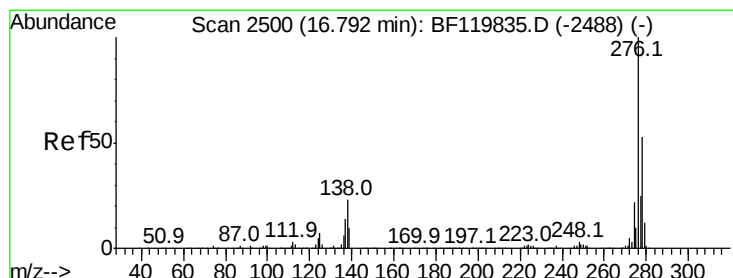
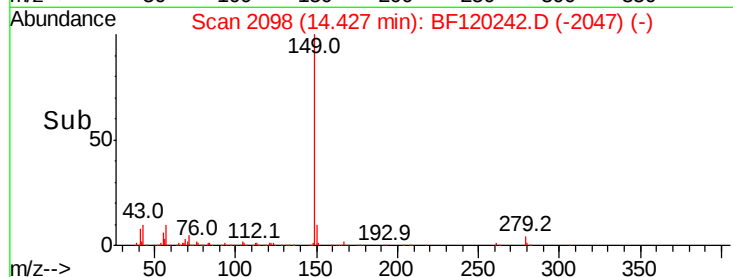
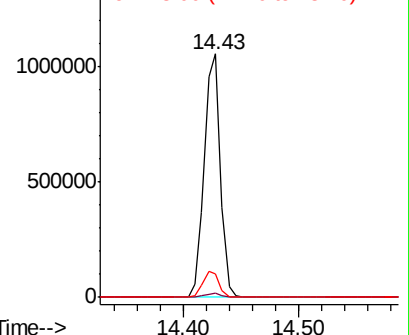
43 10.9 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.180 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

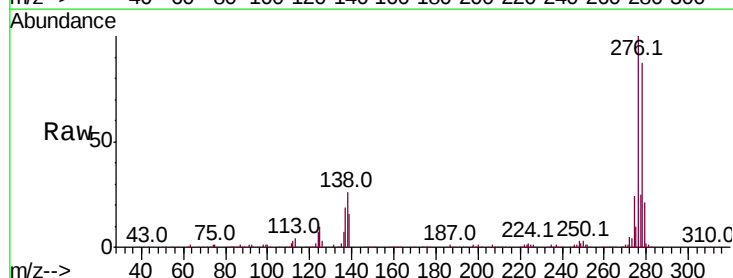
Tgt Ion:276 Resp: 973036

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

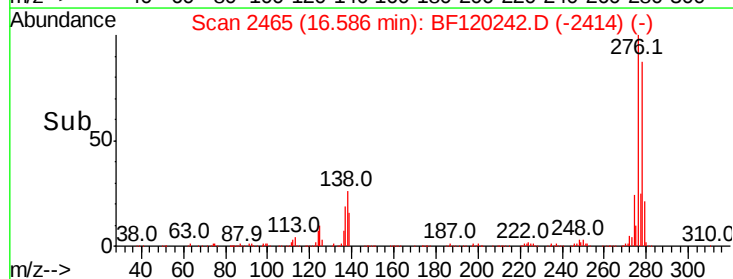
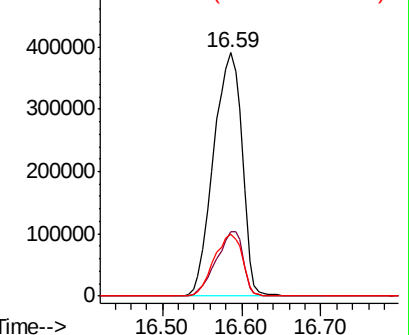
277 25.4 20.0 30.0

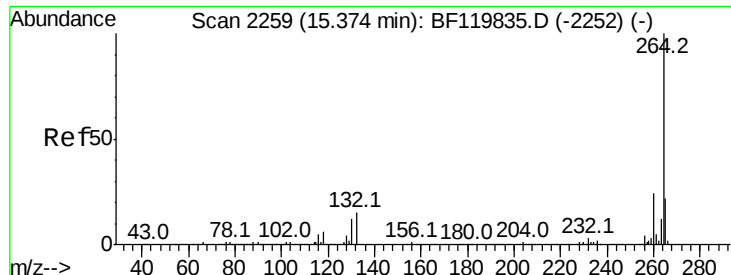


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

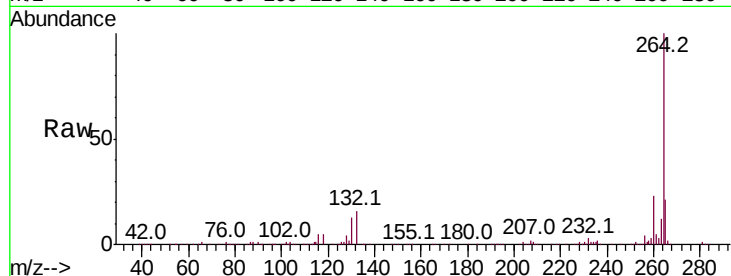




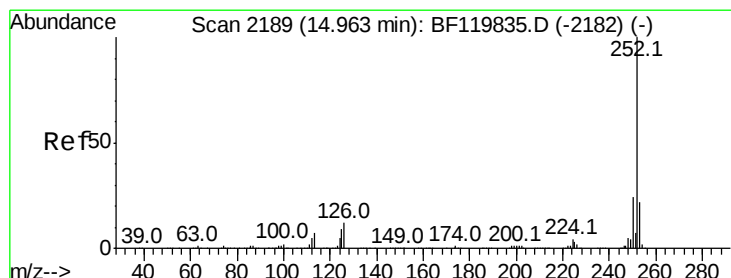
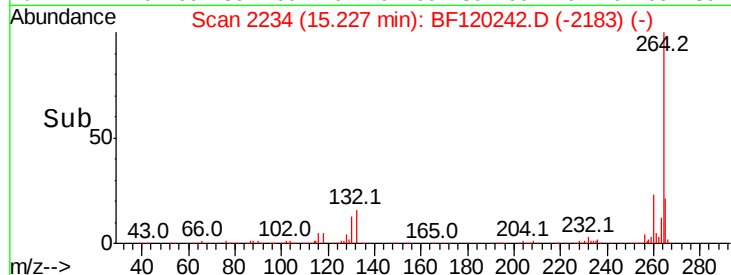
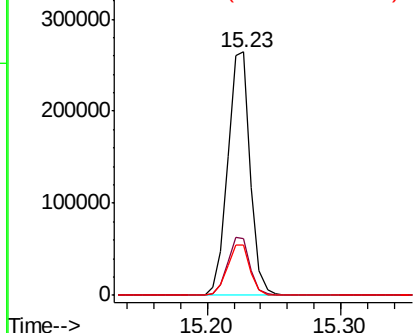
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Instrument :
BNA_F
ClientSampleId :
PB128574BSD

Tot Ion:264 Resp: 314178
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.8 17.7 26.5

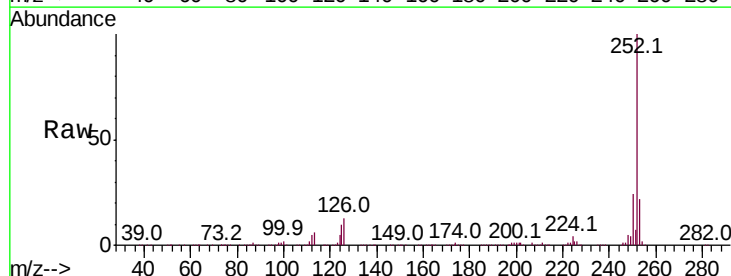


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

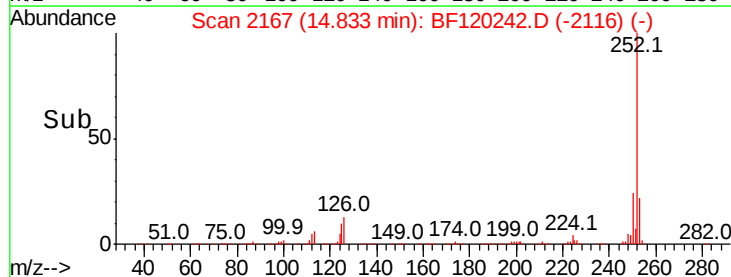
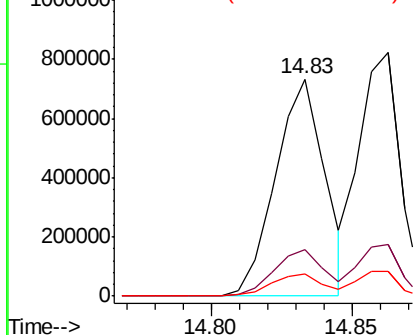


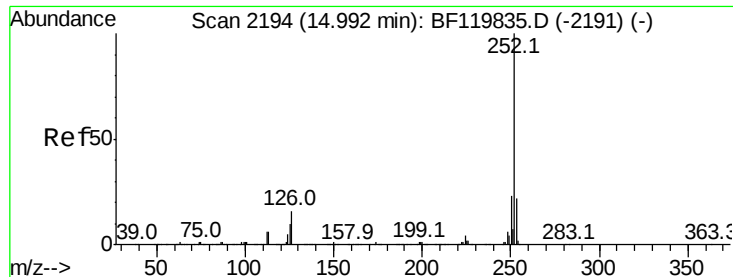
#88
Benzo(b)fluoranthene
Concen: 39.399 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120242.D
Acq: 30 Apr 2020 16:34

Tgt Ion:252 Resp: 890457
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.0 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.520 ng

RT: 14.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

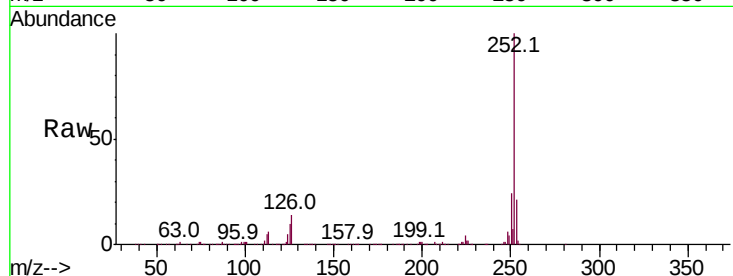
Tot Ion:252 Resp: 829179

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

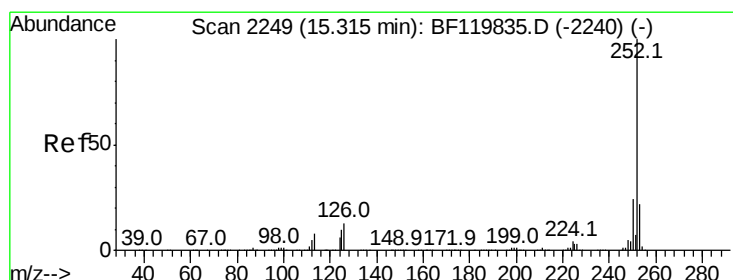
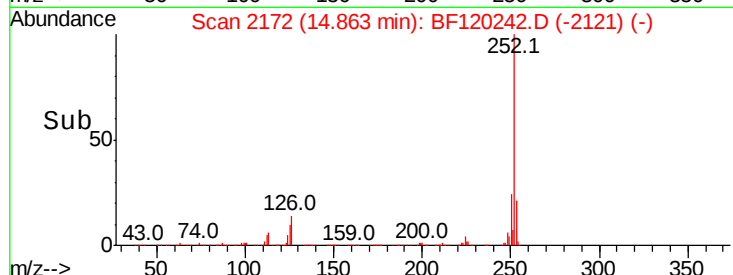
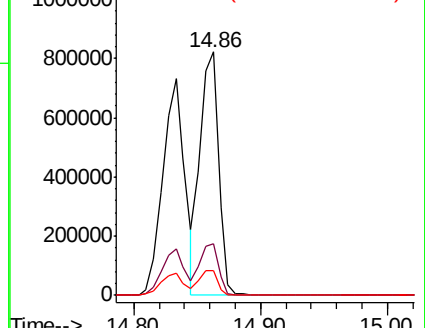
125 9.9 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.404 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

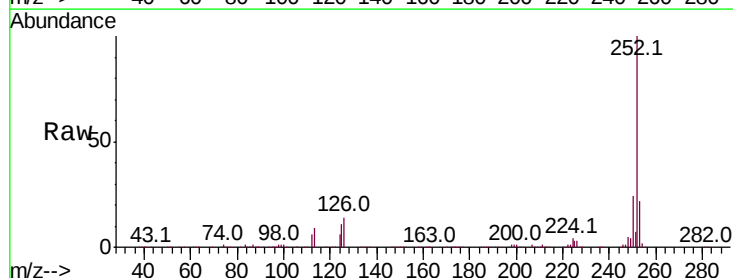
Tgt Ion:252 Resp: 805800

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

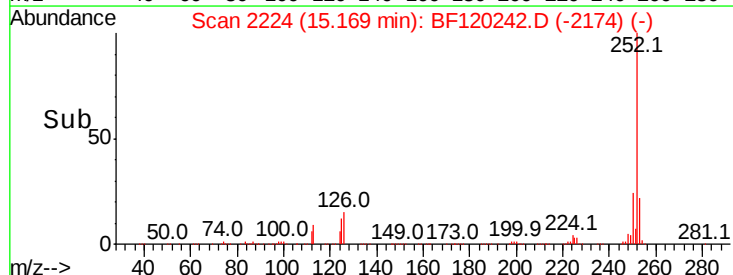
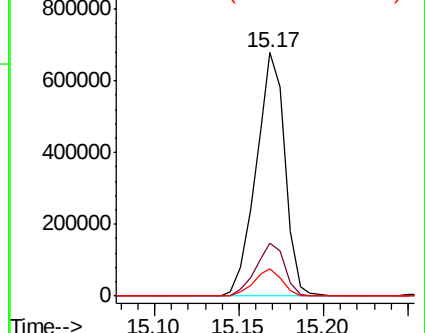
125 11.4 9.4 14.2

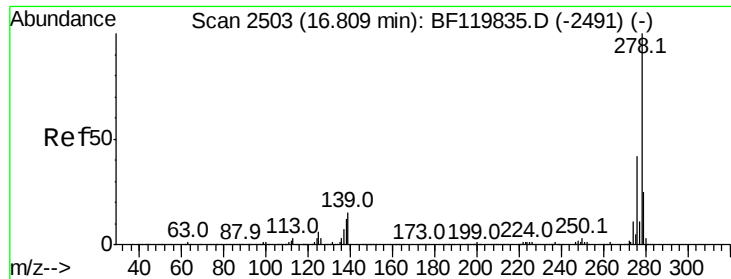


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.948 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA_F

ClientSampleId :

PB128574BSD

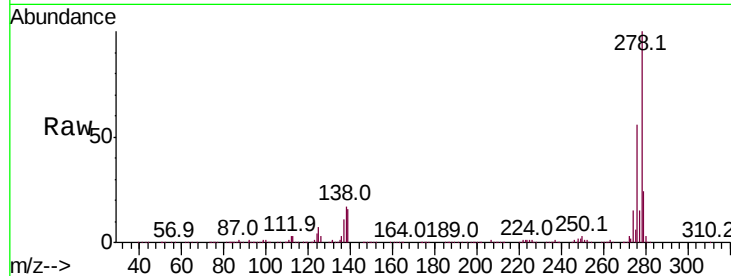
Tot Ion:278 Resp: 807092

Ion Ratio Lower Upper

278 100

139 16.5 12.6 19.0

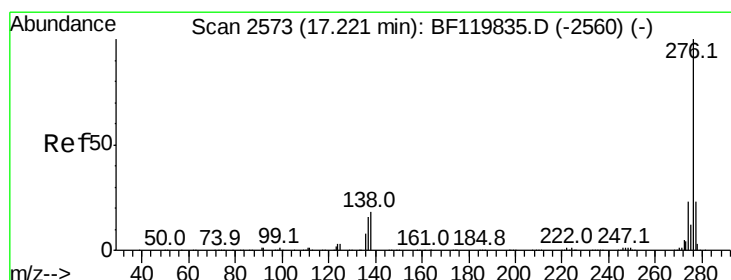
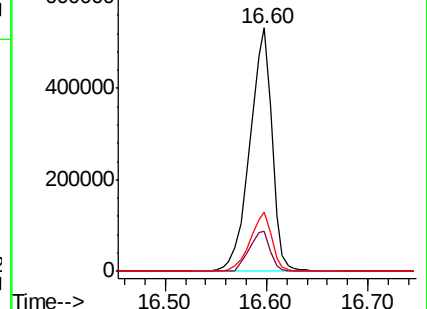
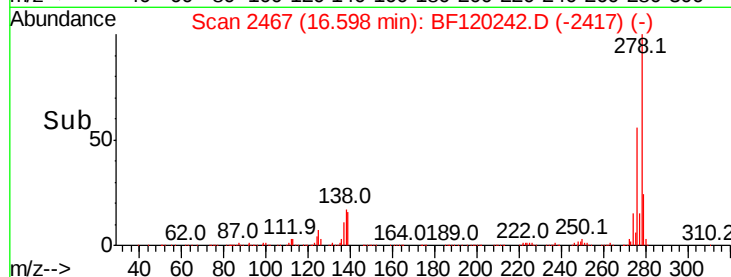
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.957 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

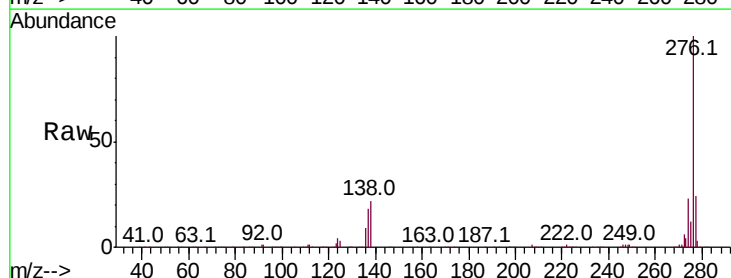
Tgt Ion:276 Resp: 763606

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 21.7 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

