

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120235.D
 Acq On : 30 Apr 2020 13:02
 Operator : MA/SJ
 Sample : PB128568BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Quant Time: Apr 30 13:32:05 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	92686	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	354983	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	179619	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	351946	20.00	ng	0.00
76) Chrysene-d12	13.82	240	295849	20.00	ng	0.00
87) Perylene-d12	15.23	264	281687	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	718139	133.90	ng	0.00
7) Phenol-d6	6.30	99	892871	129.20	ng	0.00
23) Nitrobenzene-d5	7.22	82	560389	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	241766	109.94	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1092600	86.36	ng	0.00
79) Terphenyl-d14	12.77	244	1241430	70.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	97794	40.939	ng	96
3) Pyridine	2.92	79	263990	40.279	ng	98
4) n-Nitrosodimethylamine	2.88	42	145871	43.561	ng	94
6) Aniline	6.31	93	330378	36.423	ng	# 67
8) 2-Chlorophenol	6.44	128	283552	47.318	ng	99
9) Benzaldehyde	6.19	77	103749	22.988	ng	97
10) Phenol	6.32	94	358412	45.715	ng	76
11) bis(2-Chloroethyl)ether	6.39	93	269483	44.516	ng	99
12) 1,3-Dichlorobenzene	6.59	146	297079	45.283	ng	97
13) 1,4-Dichlorobenzene	6.67	146	299773	44.857	ng	99
14) 1,2-Dichlorobenzene	6.82	146	280260	45.505	ng	98
15) Benzyl Alcohol	6.80	79	234444	43.678	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	462669	39.276	ng	75
17) 2-Methylphenol	6.93	107	225304	42.130	ng	# 91
18) Hexachloroethane	7.16	117	110586	44.277	ng	92
19) n-Nitroso-di-n-propylamine	7.07	70	191304	43.048	ng	98
20) 3+4-Methylphenols	7.08	107	294557	45.036	ng	# 81
22) Acetophenone	7.06	105	382940	46.068	ng	# 99
24) Nitrobenzene	7.24	77	298628	43.263	ng	98
25) Isophorone	7.48	82	529416	40.024	ng	100
26) 2-Nitrophenol	7.56	139	148793	43.146	ng	88
27) 2,4-Dimethylphenol	7.60	122	235956	45.367	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	333499	42.847	ng	98
29) 2,4-Dichlorophenol	7.80	162	227308	42.637	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	252143	41.740	ng	98
31) Naphthalene	7.96	128	810496	43.396	ng	98
32) Benzoic acid	7.74	122	162024	35.470	ng	93
33) 4-Chloroaniline	8.01	127	204670	25.172	ng	99
34) Hexachlorobutadiene	8.07	225	144742	40.028	ng	98
35) Caprolactam	8.38	113	40086	24.581	ng	97
36) 4-Chloro-3-methylphenol	8.52	107	249592	43.242	ng	99
37) 2-Methylnaphthalene	8.65	142	536814	42.395	ng	98
38) 1-Methylnaphthalene	8.75	142	508322	42.592	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	241443	42.559	ng	99

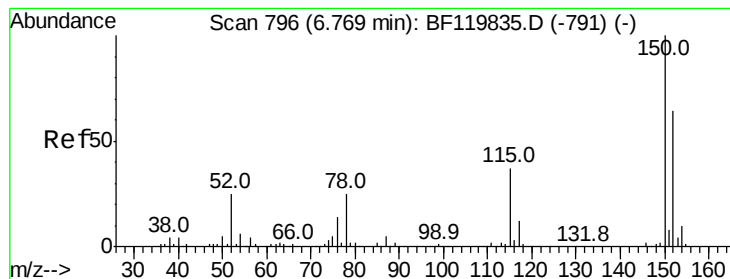
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120235.D
 Acq On : 30 Apr 2020 13:02
 Operator : MA/SJ
 Sample : PB128568BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	219966	68.186	nq	97
43) 2,4,6-Trichlorophenol	8.94	196	166910	42.606	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	169678	38.455	nq	96
46) 1,1'-Biphenyl	9.12	154	657474	43.367	nq	98
47) 2-Chloronaphthalene	9.14	162	509609	43.634	nq	99
48) 2-Nitroaniline	9.25	65	176722	41.755	nq	92
49) Acenaphthylene	9.56	152	807450	45.460	nq	97
50) Dimethylphthalate	9.43	163	593245	42.700	nq	98
51) 2,6-Dinitrotoluene	9.49	165	130166	42.784	nq	90
52) Acenaphthene	9.73	154	480528	40.557	nq	98
53) 3-Nitroaniline	9.66	138	100972	29.059	nq	89
54) 2,4-Dinitrophenol	9.77	184	134942	74.084	nq	95
55) Dibenzofuran	9.90	168	724616	44.568	nq	97
56) 4-Nitrophenol	9.85	139	186946	72.310	nq	97
57) 2,4-Dinitrotoluene	9.89	165	172921	43.140	nq	93
58) Fluorene	10.25	166	574064	44.149	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	148044	43.870	nq	99
60) Diethylphthalate	10.13	149	621331	43.150	nq	99
61) 4-Chlorophenyl-phenylether	10.24	204	277925	41.702	nq	97
62) 4-Nitroaniline	10.27	138	149235	45.067	nq	98
63) Azobenzene	10.40	77	579393	44.898	nq	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	97007	41.838	nq	90
66) n-Nitrosodiphenylamine	10.36	169	510163	43.586	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	165313	37.770	nq	98
68) Hexachlorobenzene	10.79	284	184183	41.482	nq	96
69) Atrazine	10.89	200	156192	47.961	nq	99
70) Pentachlorophenol	10.99	266	159007	62.143	nq	99
71) Phenanthrene	11.20	178	838008	44.739	nq	97
72) Anthracene	11.26	178	879209	45.948	nq	97
73) Carbazole	11.42	167	805965	44.540	nq	97
74) Di-n-butylphthalate	11.75	149	1000357	42.053	nq	99
75) Fluoranthene	12.39	202	957135	47.358	nq	98
77) Benzidine	12.52	184	546718	54.669	nq	97
78) Pyrene	12.62	202	956027	38.332	nq	97
80) Butylbenzylphthalate	13.25	149	453494	37.472	nq	98
81) Benzo(a)anthracene	13.81	228	846792	43.508	nq	100
82) 3,3'-Dichlorobenzidine	13.78	252	203974	28.088	nq	# 98
83) Chrysene	13.85	228	855809	43.275	nq	98
84) Bis(2-ethylhexyl)phthalate	13.81	149	608406	37.124	nq	99
85) Di-n-octyl phthalate	14.43	149	1099241	39.393	nq	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	981746	56.318	nq	99
88) Benzo(b)fluoranthene	14.83	252	801524	39.554	nq	100
89) Benzo(k)fluoranthene	14.86	252	756007	43.240	nq	100
90) Benzo(a)pyrene	15.17	252	729639	42.825	nq	99
91) Dibenzo(a,h)anthracene	16.60	278	822134	54.475	nq	100
92) Benzo(g,h,i)perylene	16.99	276	820737	55.093	nq	98

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

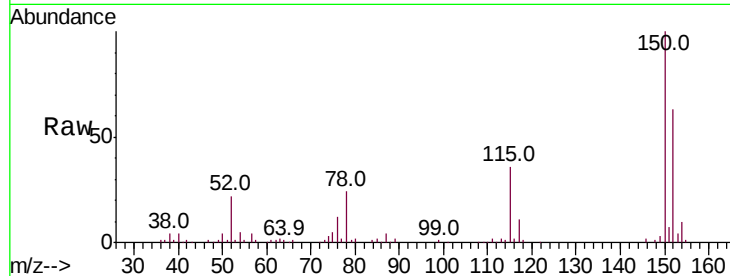


#1

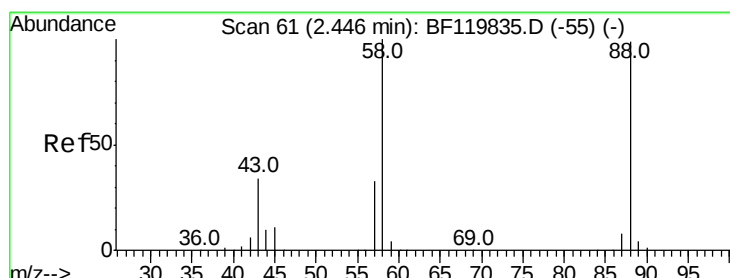
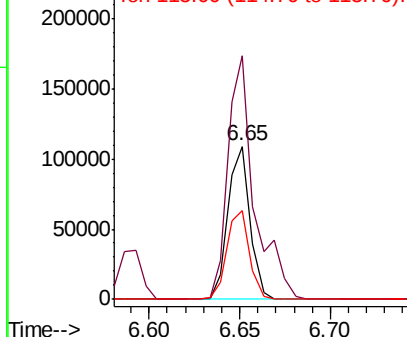
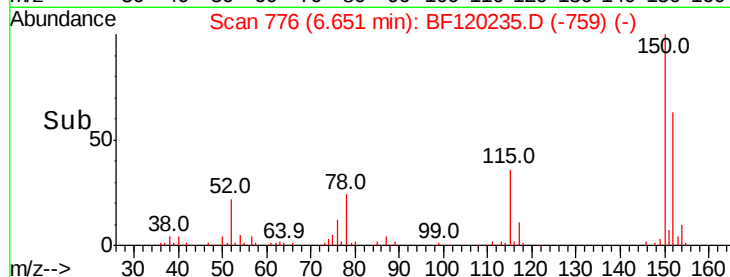
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion:152 Resp: 92686
Ion Ratio Lower Upper
152 100
150 159.1 124.5 186.7
115 57.6 49.6 74.4



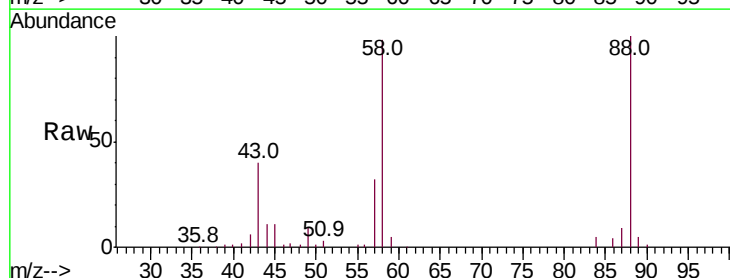
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



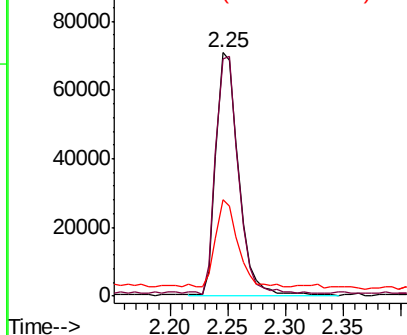
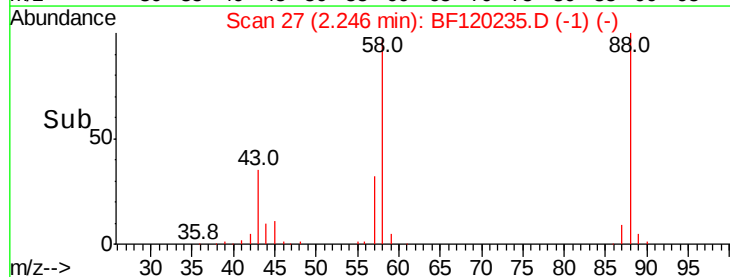
#2

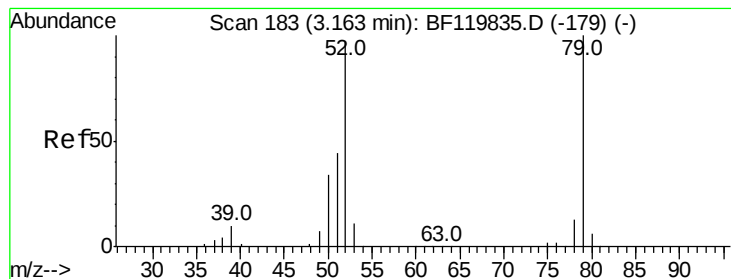
1,4-Dioxane
Concen: 40.939 ng
RT: 2.25 min Scan# 27
Delta R.T. 0.05 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion: 88 Resp: 97794
Ion Ratio Lower Upper
88 100
58 95.4 80.6 121.0
43 34.7 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: 40.279 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.05 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

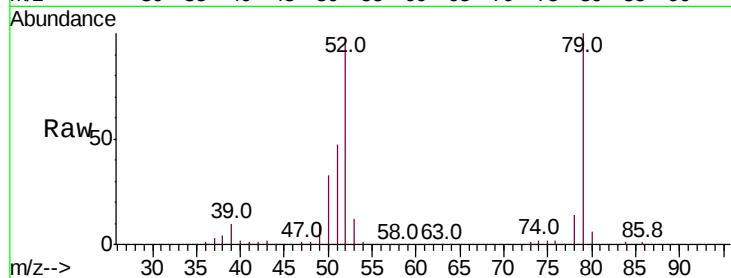
Tot Ion: 79 Resp: 263990

Ion Ratio Lower Upper

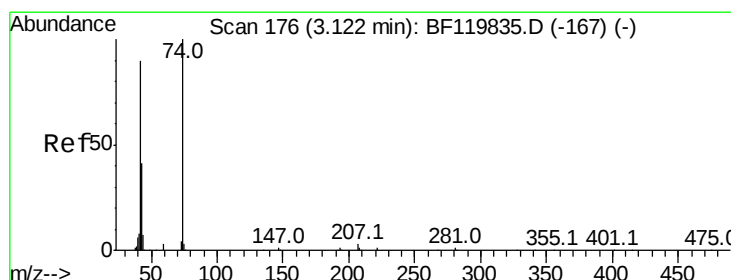
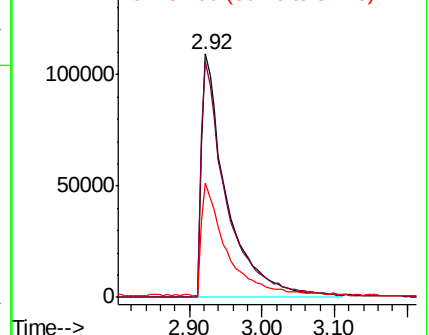
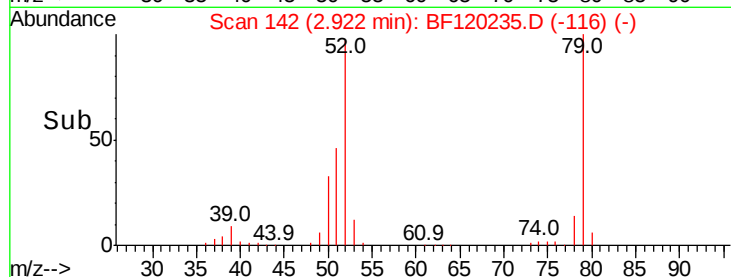
79 100

52 97.0 80.2 120.2

51 47.1 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
150000
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.561 ng

RT: 2.88 min Scan# 134

Delta R.T. 0.04 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

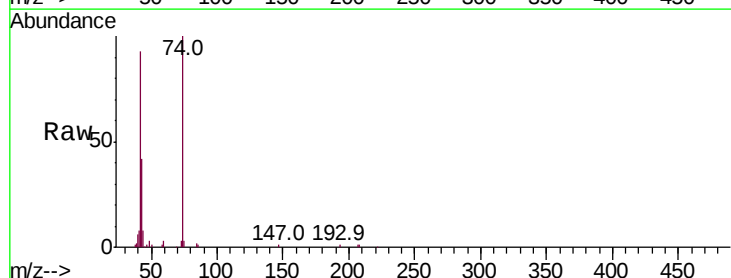
Tgt Ion: 42 Resp: 145871

Ion Ratio Lower Upper

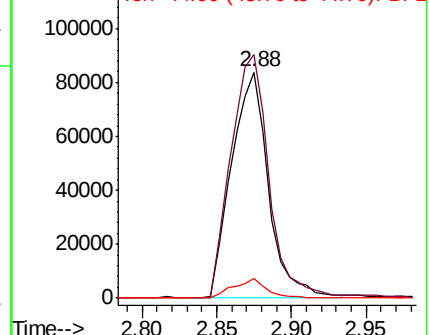
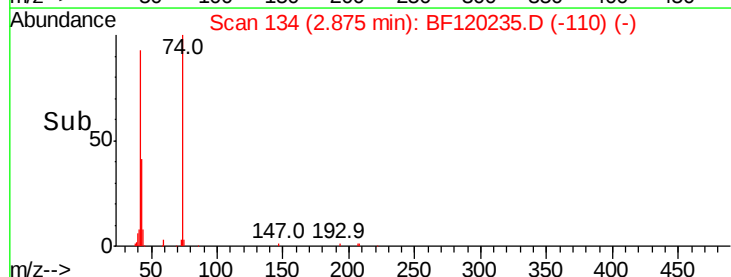
42 100

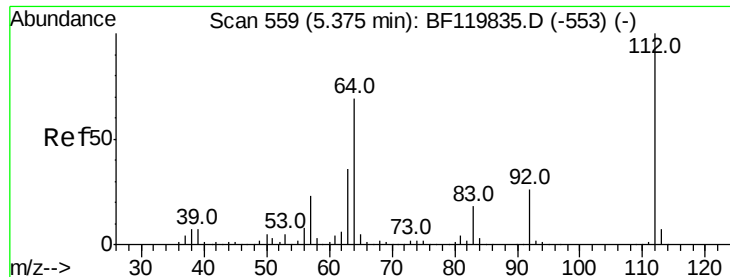
74 107.9 91.5 137.3

44 8.5 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
120000
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 133.901 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

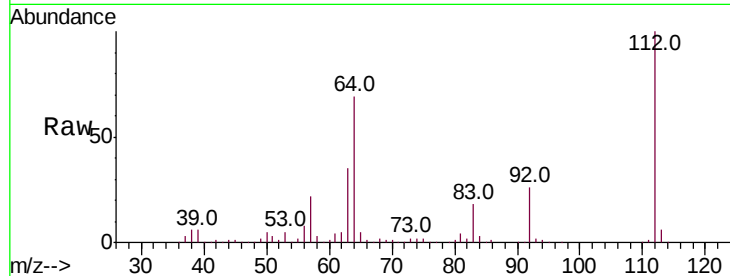
Tot Ion:112 Resp: 718139

Ion Ratio Lower Upper

112 100

64 68.6 56.7 85.1

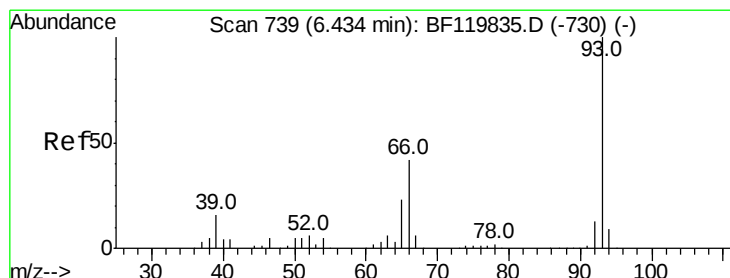
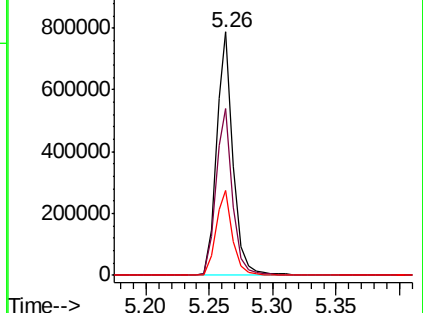
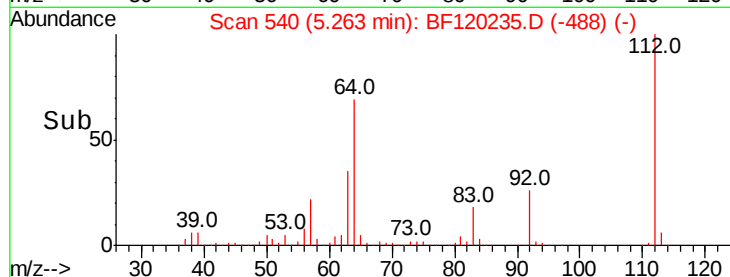
63 34.9 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.423 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

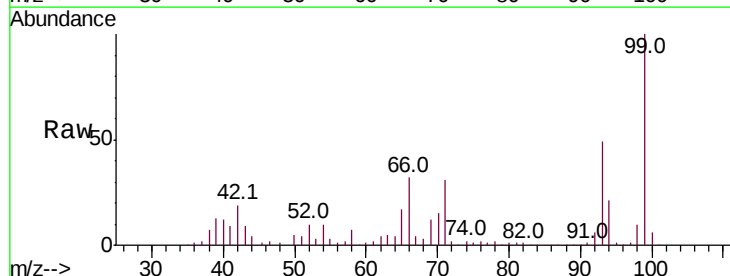
Tgt Ion: 93 Resp: 330378

Ion Ratio Lower Upper

93 100

66 66.8 34.9 52.3#

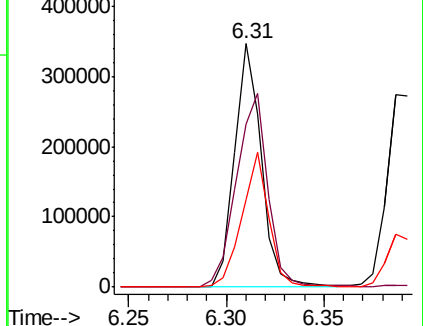
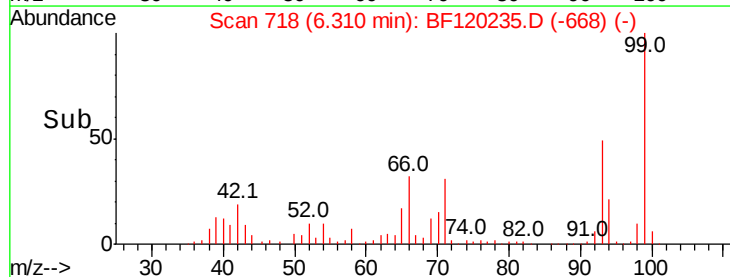
65 35.8 18.6 27.8#

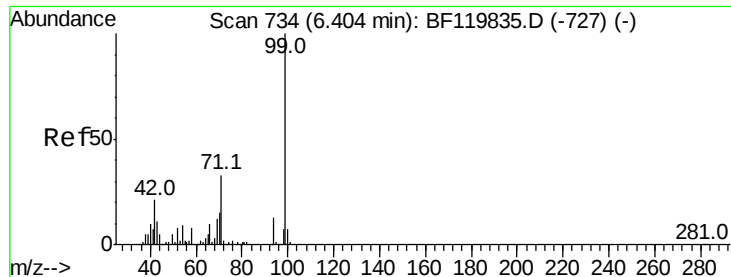


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.200 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

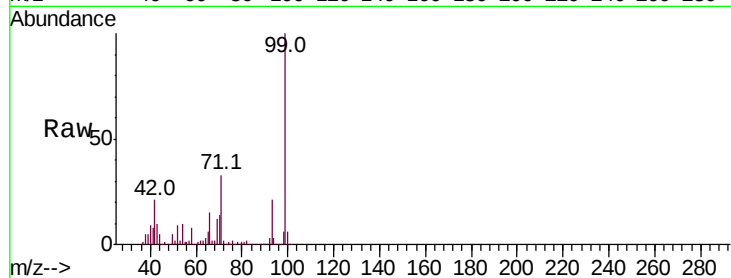
Tot Ion: 99 Resp: 892871

Ion Ratio Lower Upper

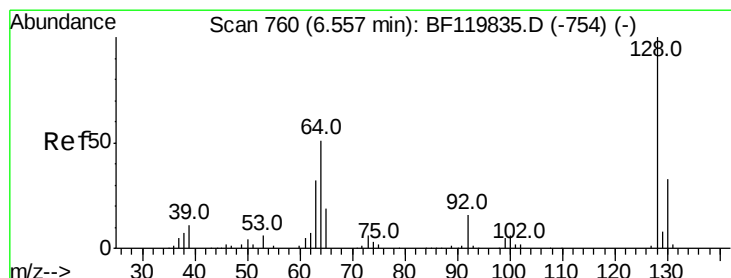
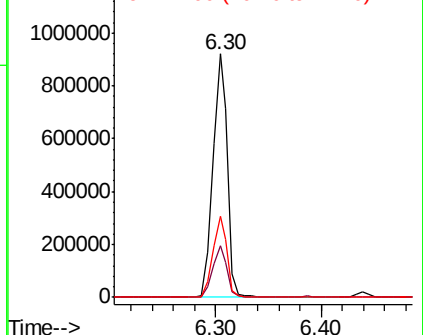
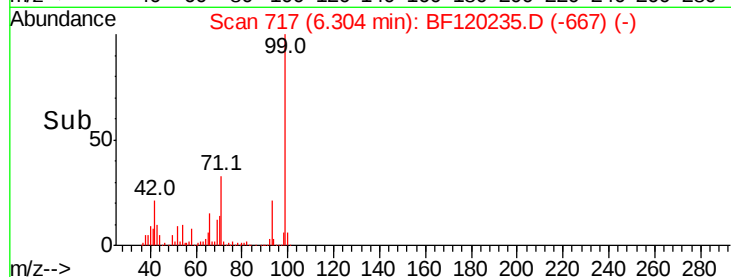
99 100

42 21.1 16.6 24.8

71 33.1 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: 47.318 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

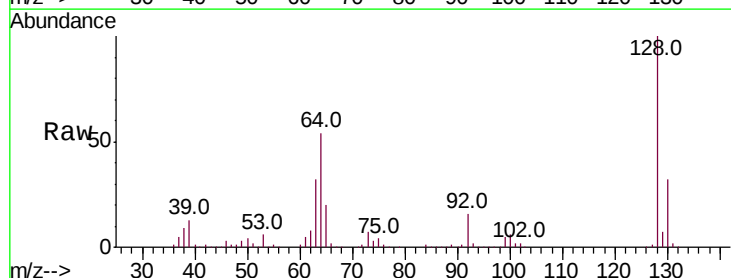
Tgt Ion:128 Resp: 283552

Ion Ratio Lower Upper

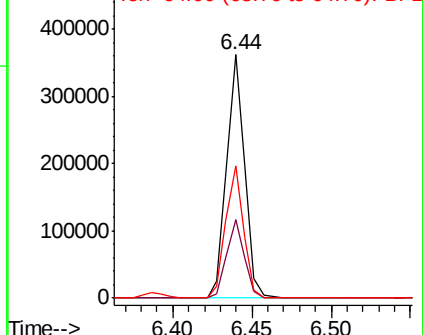
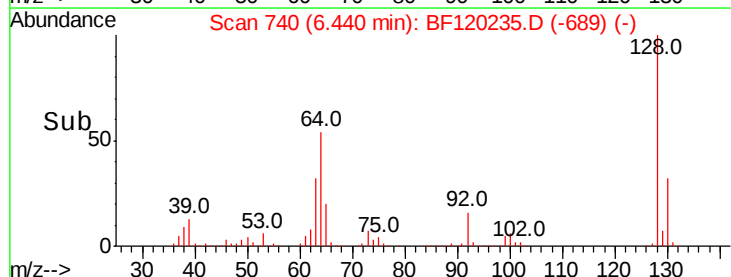
128 100

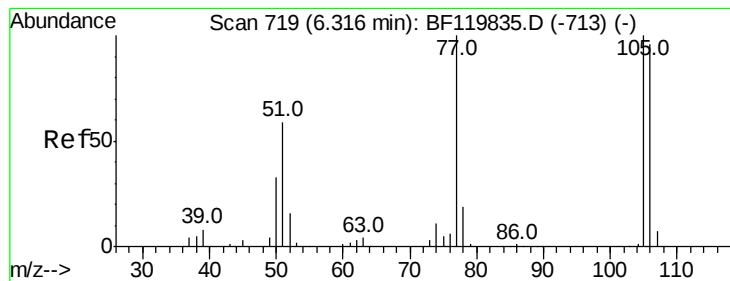
130 32.5 12.6 52.6

64 54.1 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: 22.988 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleID :

PB128568BS

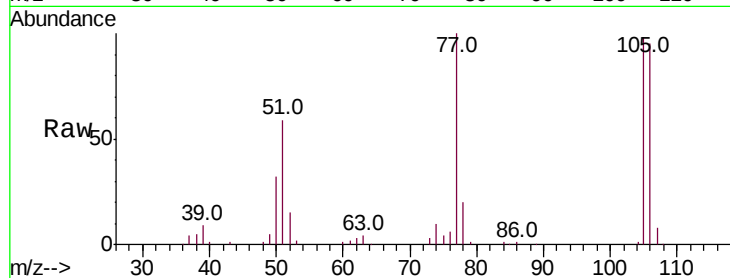
Tot Ion: 77 Resp: 103749

Ion Ratio Lower Upper

77 100

105 97.8 80.9 120.9

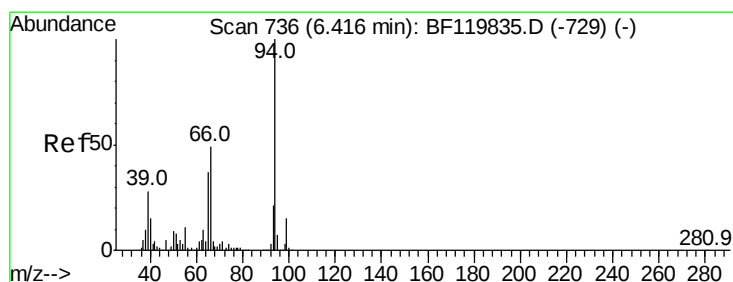
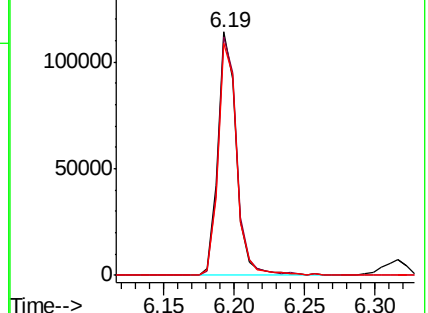
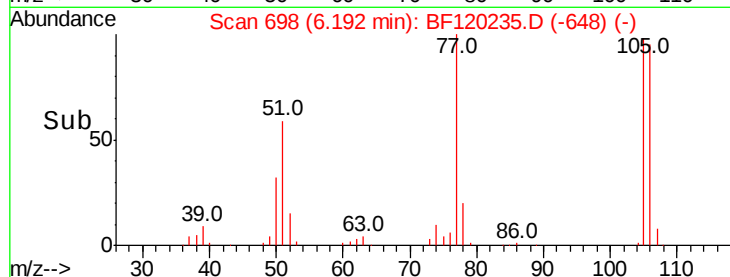
106 95.3 77.9 117.9



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: 45.715 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

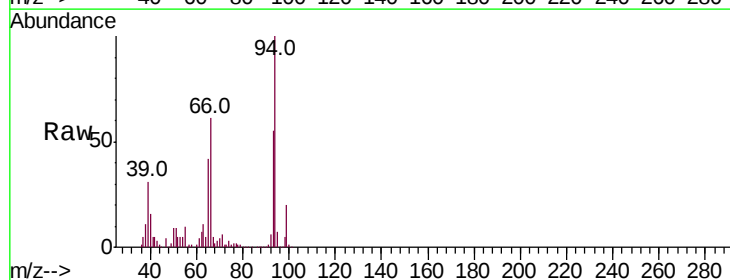
Tgt Ion: 94 Resp: 358412

Ion Ratio Lower Upper

94 100

65 42.4 13.2 53.2

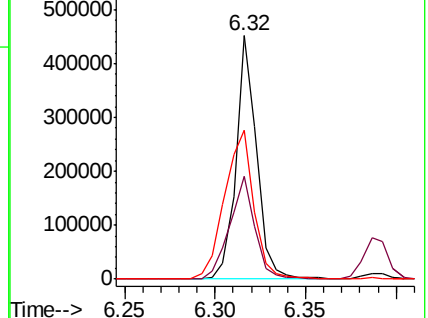
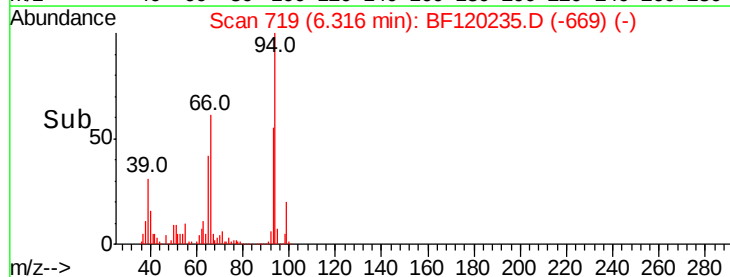
66 61.1 22.3 62.3

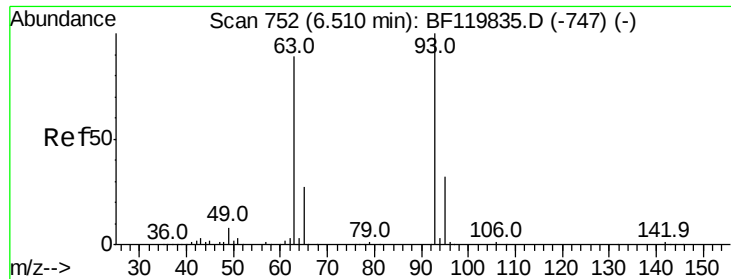


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

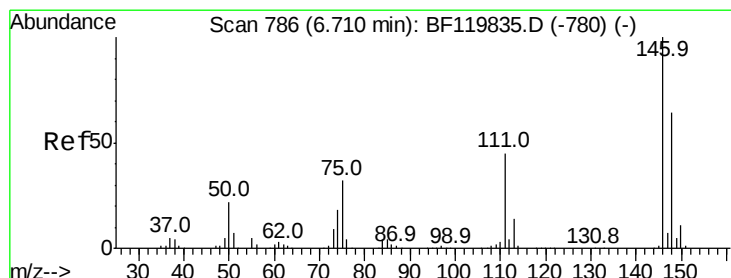
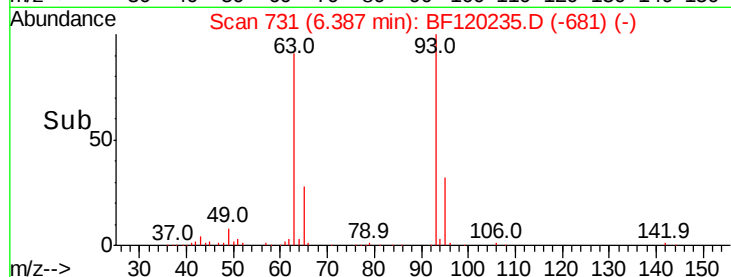
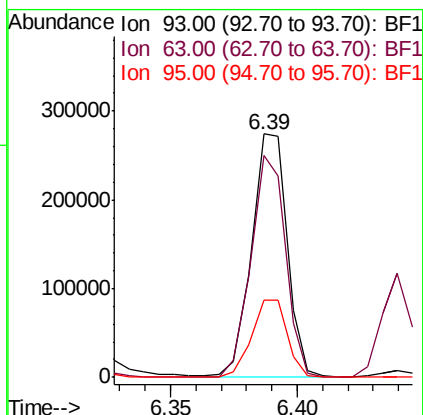
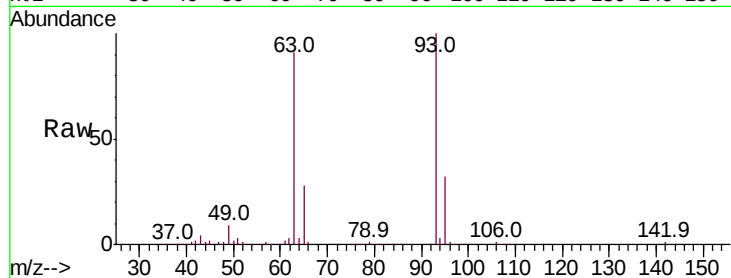




#11
bis(2-Chloroethyl)ether
Concen: 44.516 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

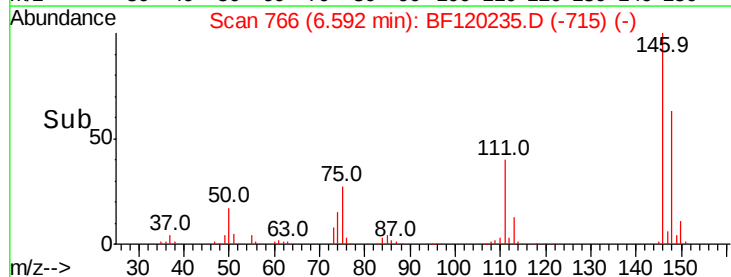
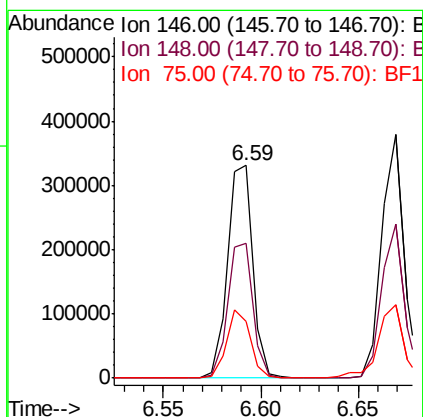
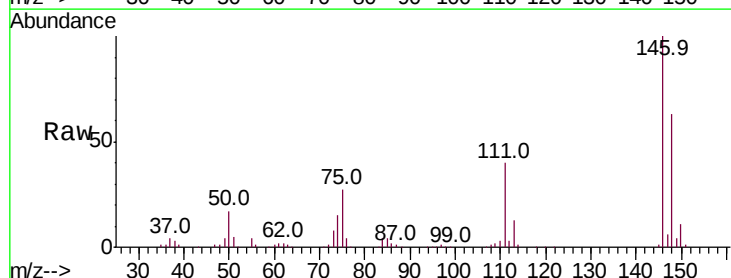
Instrument :
BNA_F
ClientSampleId :
PB128568BS

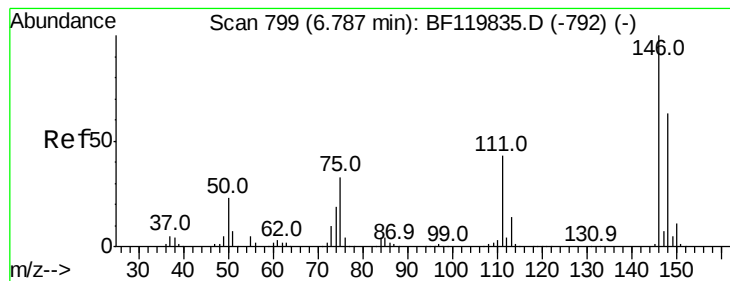
Tot Ion: 93 Resp: 269483
Ion Ratio Lower Upper
93 100
63 90.9 70.2 110.2
95 31.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 45.283 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion: 146 Resp: 297079
Ion Ratio Lower Upper
146 100
148 63.4 52.2 78.4
75 26.9 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 44.857 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

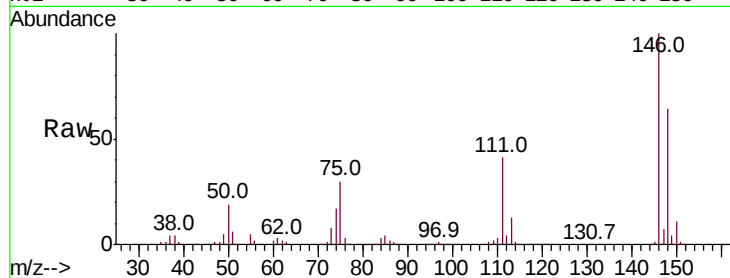
Tot Ion:146 Resp: 299773

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

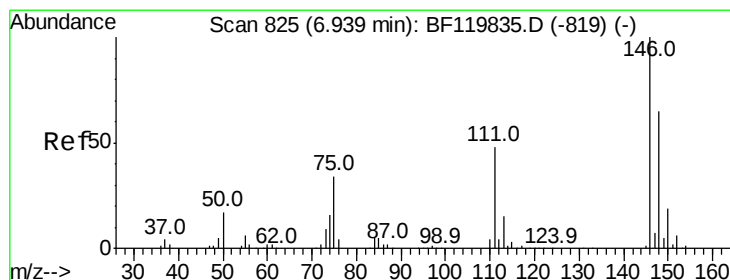
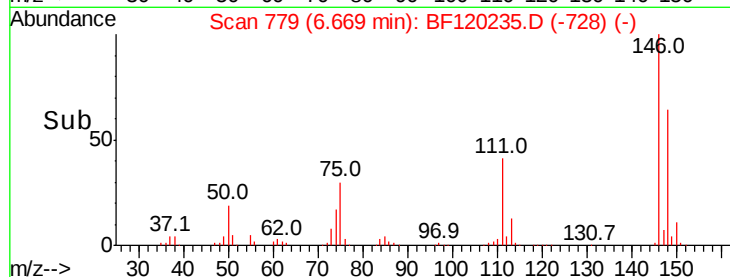
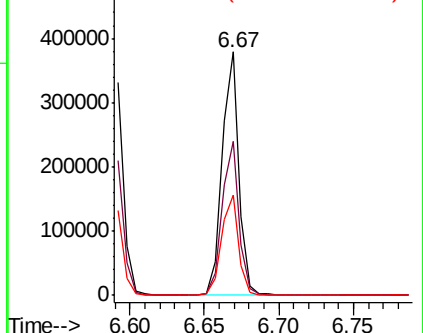
111 41.1 33.3 49.9



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: 45.505 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

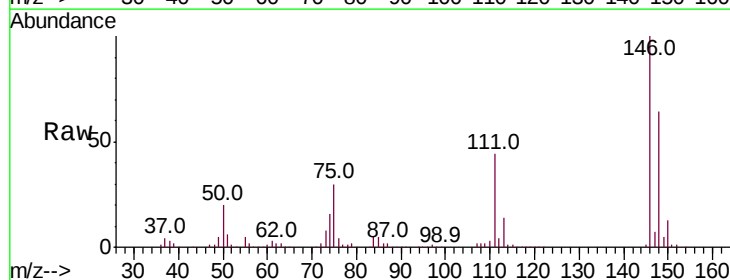
Tgt Ion:146 Resp: 280260

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

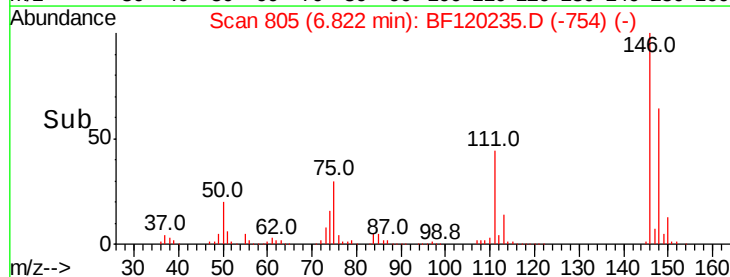
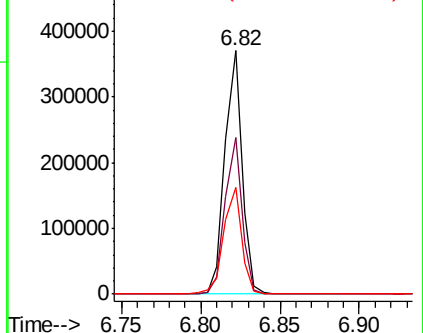
111 43.7 36.1 54.1

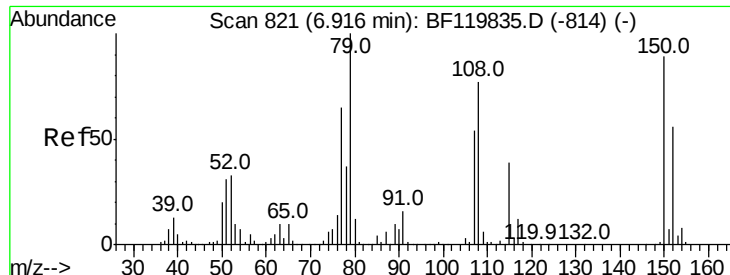


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

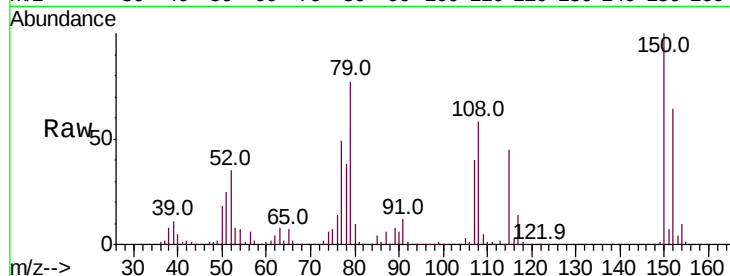




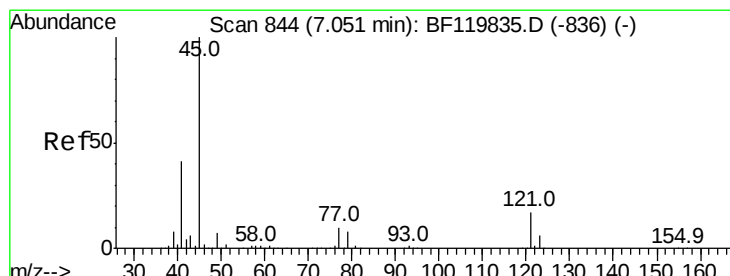
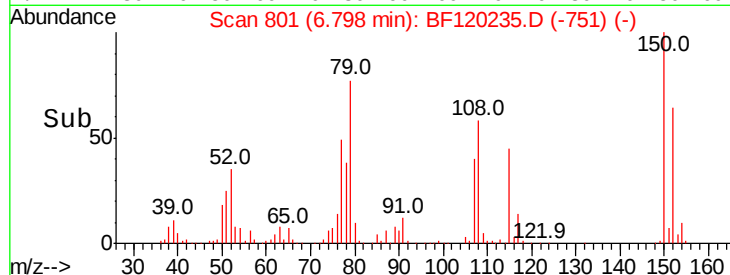
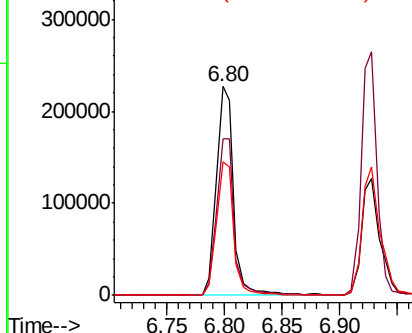
#15
Benzyl Alcohol
Concen: 43.678 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion: 79 Resp: 234444
Ion Ratio Lower Upper
79 100
108 75.2 60.6 90.8
77 63.9 50.2 75.2

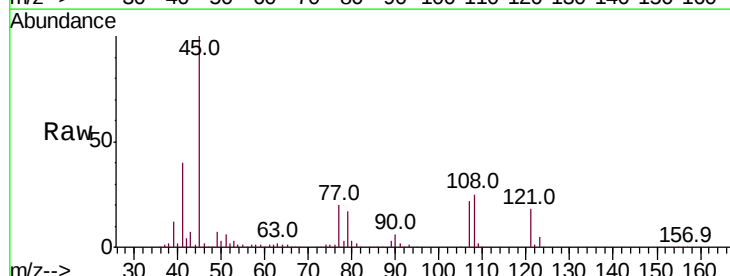


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

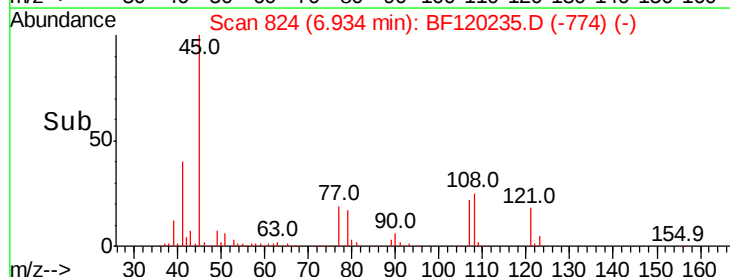
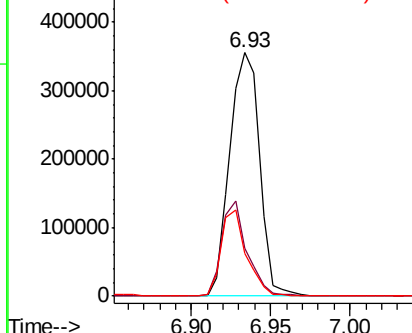


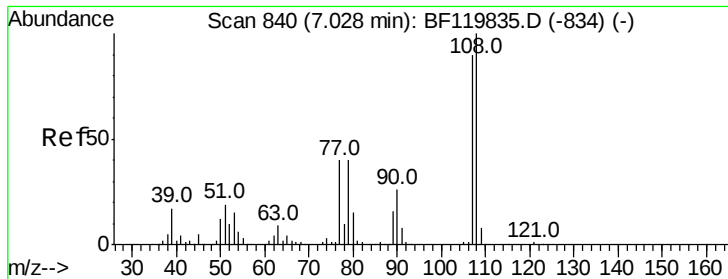
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.276 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion: 45 Resp: 462669
Ion Ratio Lower Upper
45 100
77 19.6 0.0 30.7
79 17.5 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: 42.130 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

Tot Ion:107 Resp: 225304

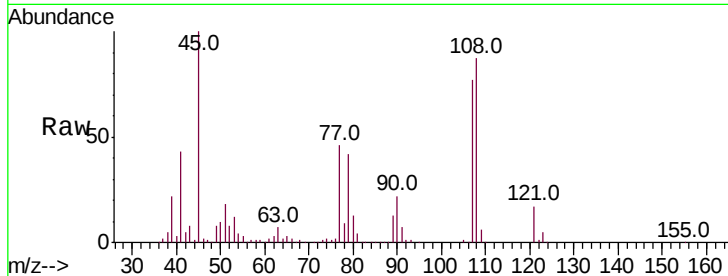
Ion Ratio Lower Upper

107 100

108 112.8 92.2 138.4

77 59.4 36.6 54.8#

79 53.9 36.2 54.4

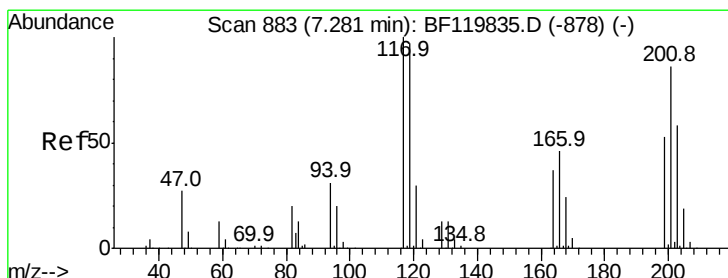
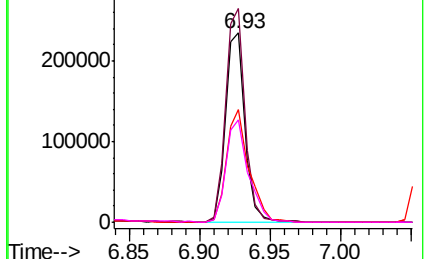
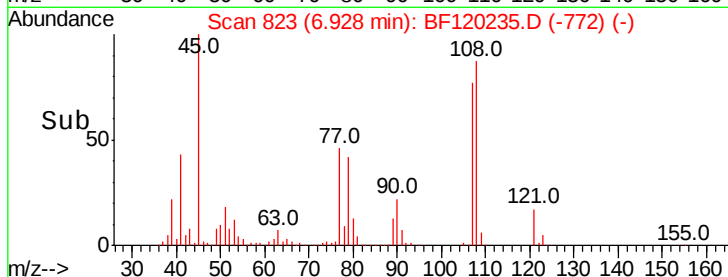


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.277 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

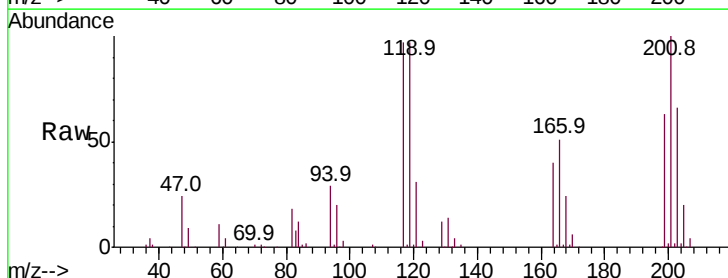
Tgt Ion:117 Resp: 110586

Ion Ratio Lower Upper

117 100

119 99.3 76.1 114.1

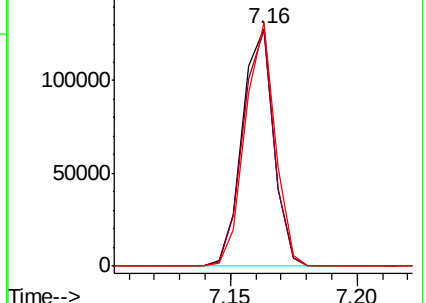
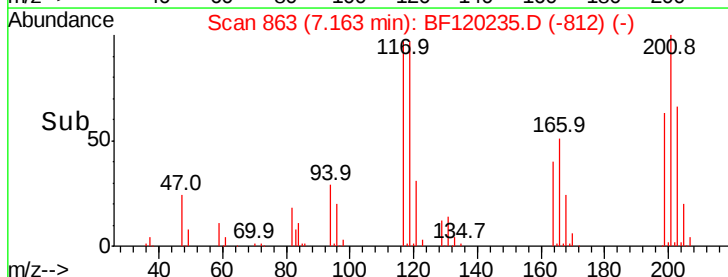
201 102.6 73.0 109.6

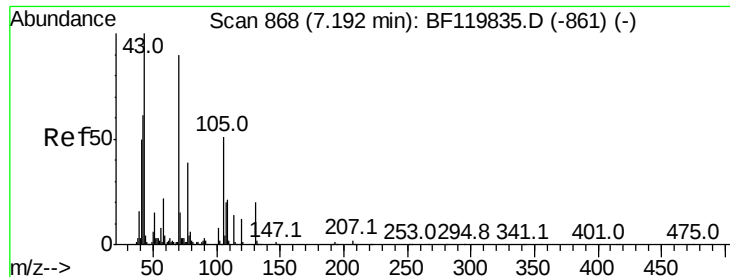


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

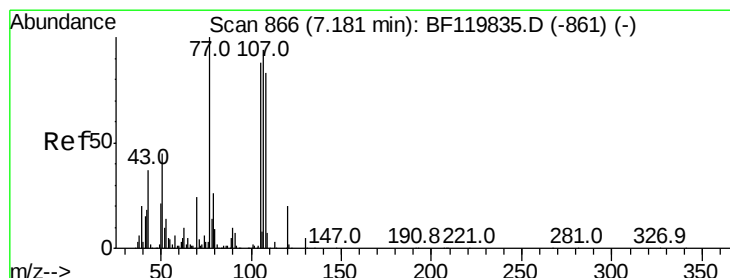
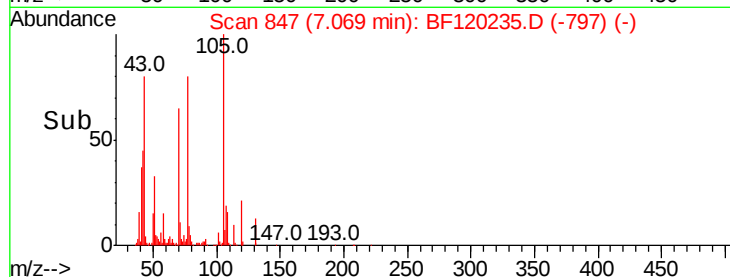
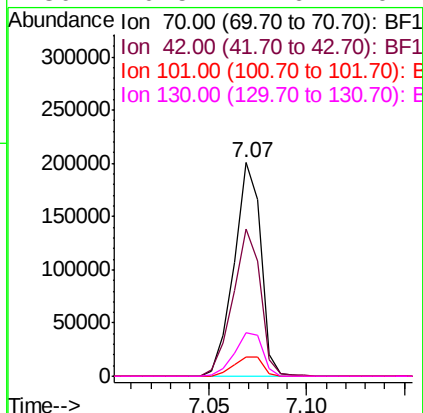
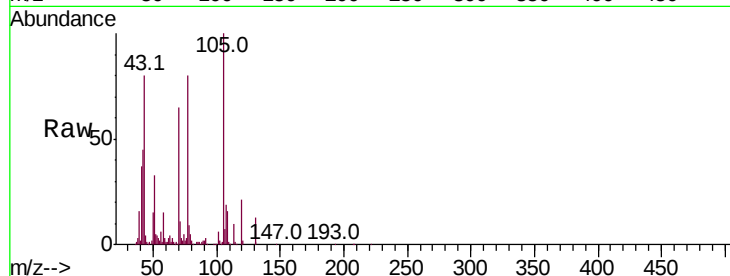




#19
n-Nitroso-di-n-propylamine
Concen: 43.048 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

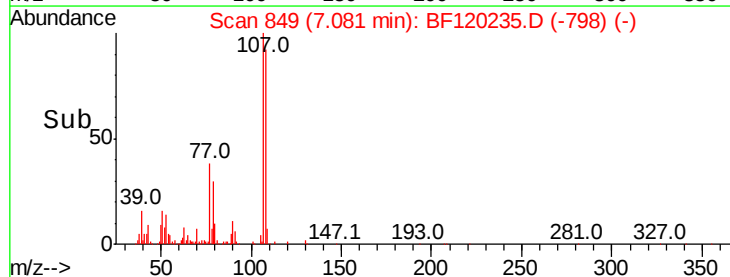
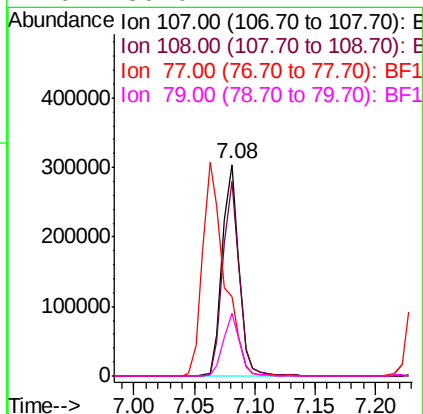
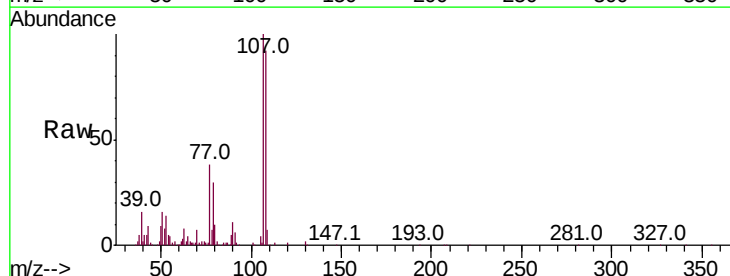
Instrument :
BNA_F
ClientSampleId :
PB128568BS

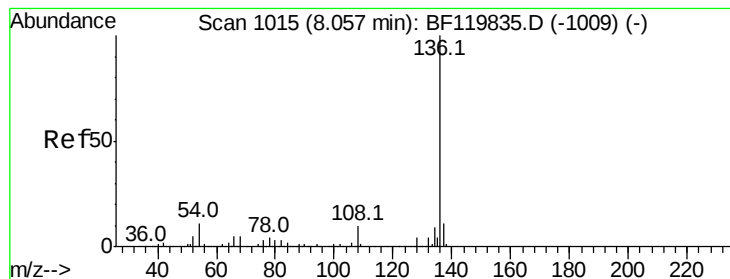
Tot Ion:	70	Resp:	191304
Ion	Ratio	Lower	Upper
70	100		
42	69.1	54.5	81.7
101	9.0	7.6	11.4
130	20.5	17.6	26.4



#20
3+4-Methylphenols
Concen: 45.036 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:	107	Resp:	294557
Ion	Ratio	Lower	Upper
107	100		
108	92.3	67.9	107.9
77	37.7	52.9	92.9#
79	30.0	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: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

Tot Ion:136 Resp: 354983

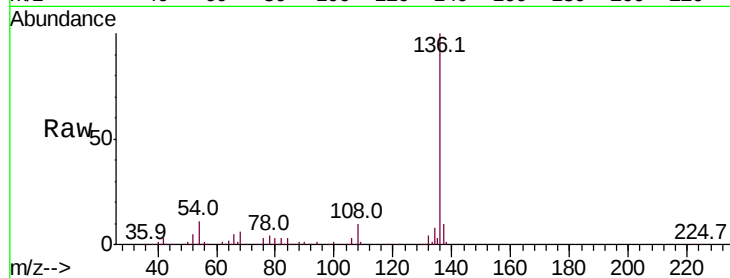
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 10.9 9.1 13.7

68 5.5 4.6 6.8

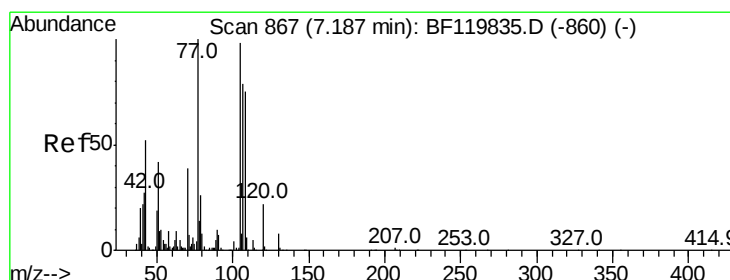
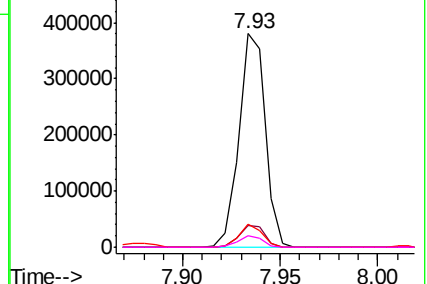
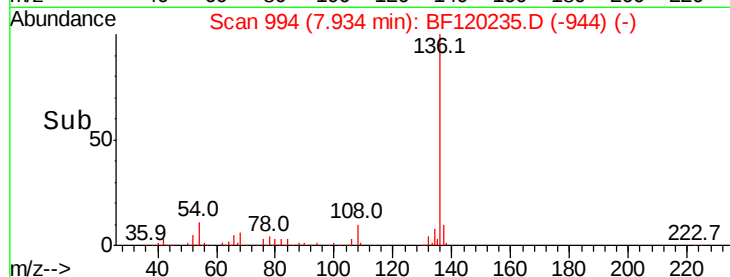


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.068 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tgt Ion:105 Resp: 382940

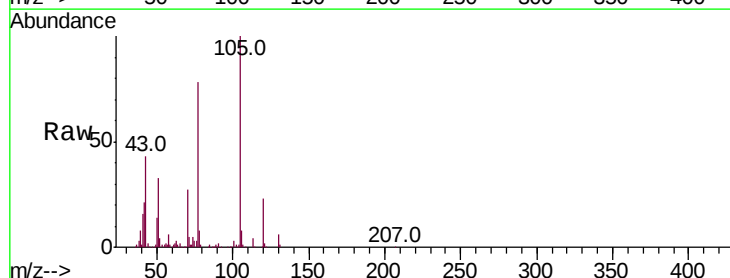
Ion Ratio Lower Upper

105 100

71 4.6 5.7 8.5#

51 32.8 26.2 39.4

120 22.7 18.3 27.5

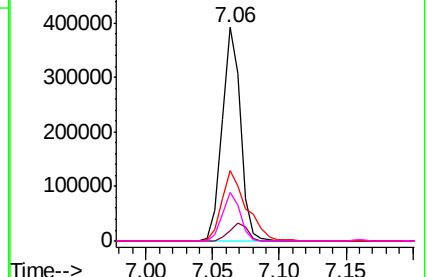
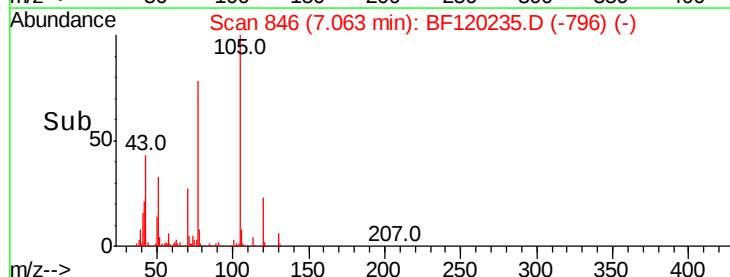


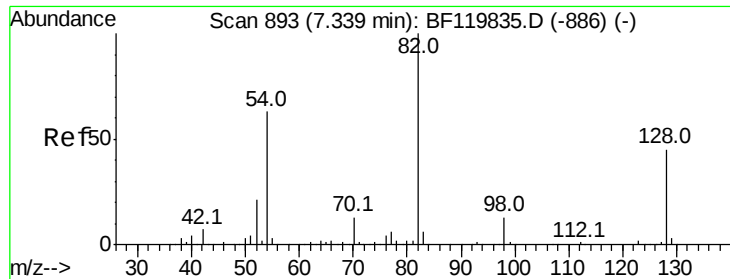
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.669 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

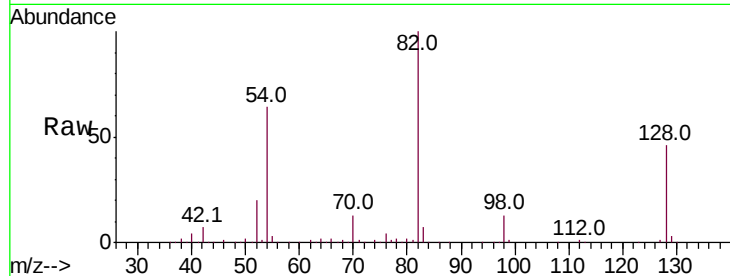
Tot Ion: 82 Resp: 560389

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

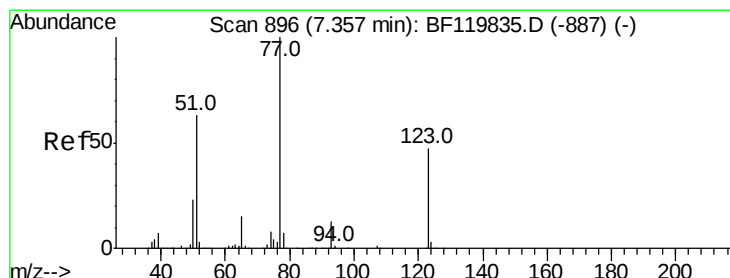
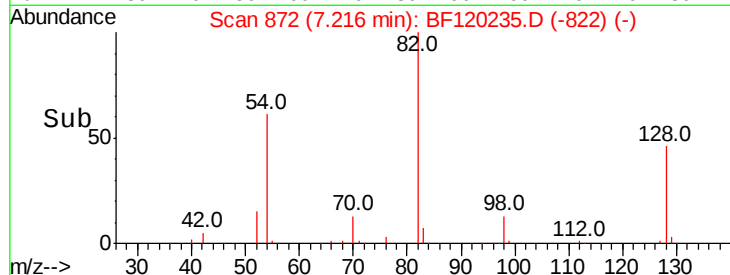
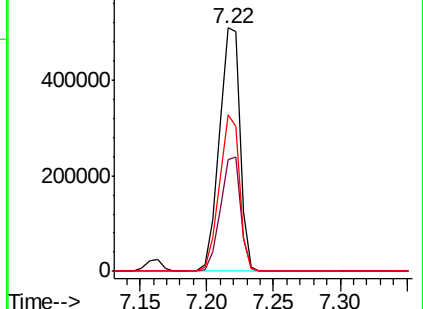
54 64.1 50.6 75.8



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: 43.263 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

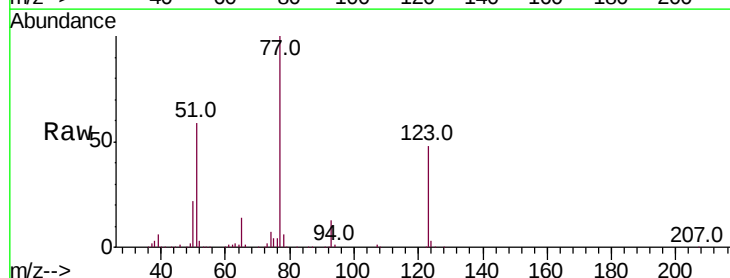
Tgt Ion: 77 Resp: 298628

Ion Ratio Lower Upper

77 100

123 48.3 38.0 57.0

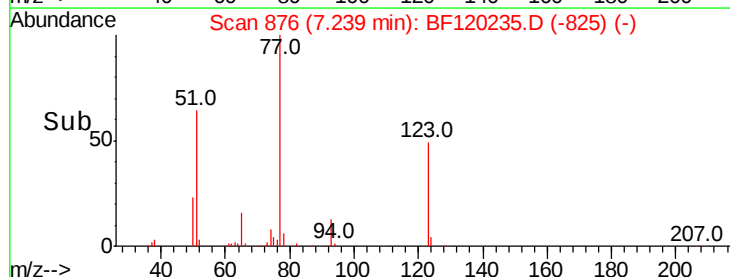
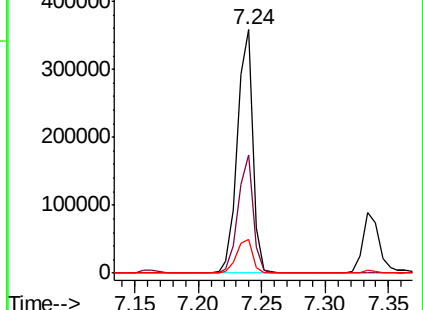
65 13.9 12.6 18.8

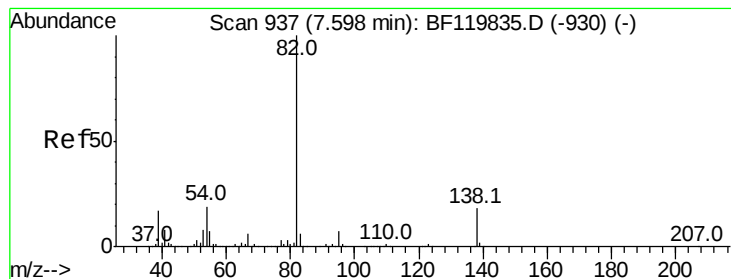


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.024 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

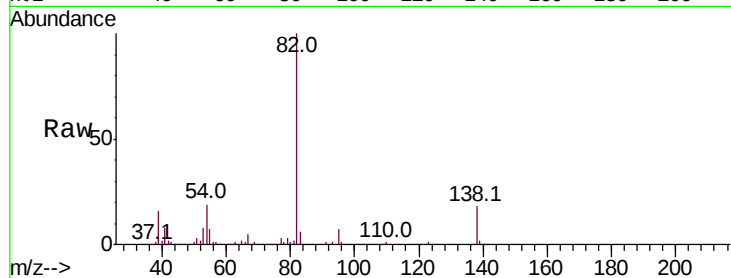
Tot Ion: 82 Resp: 529416

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

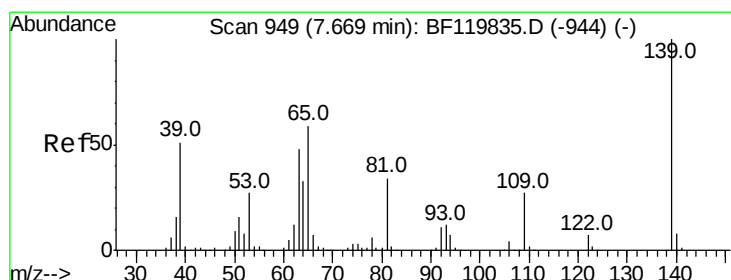
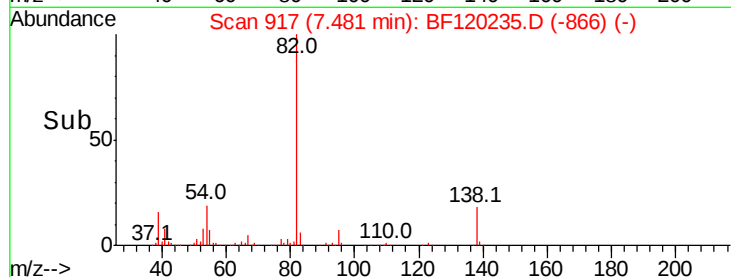
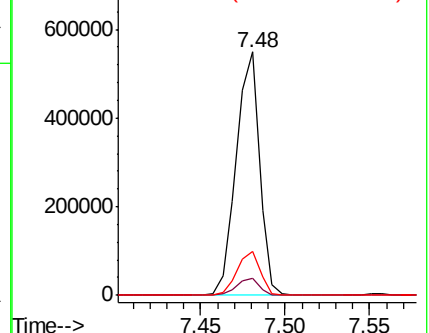
138 18.2 14.6 21.8



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: 43.146 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

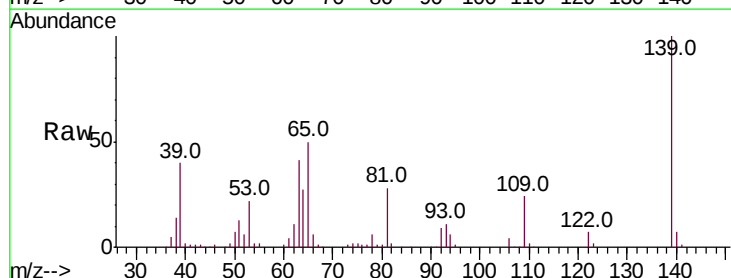
Tgt Ion: 139 Resp: 148793

Ion Ratio Lower Upper

139 100

109 24.5 22.1 33.1

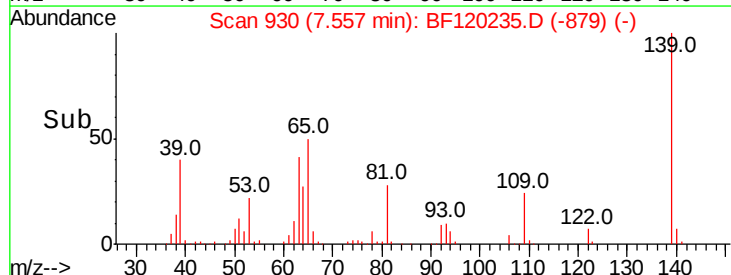
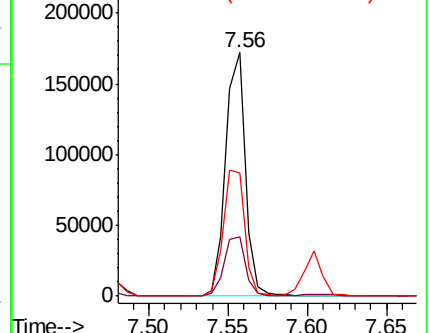
65 50.4 49.2 73.8

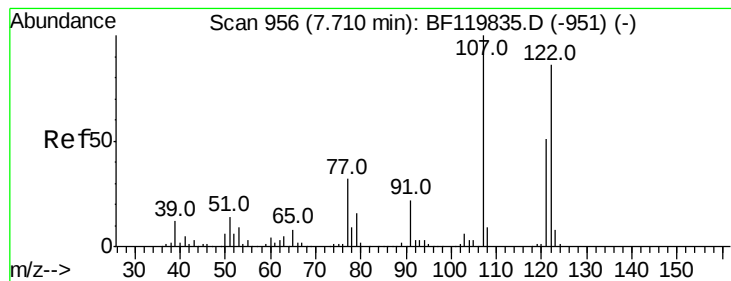


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.367 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

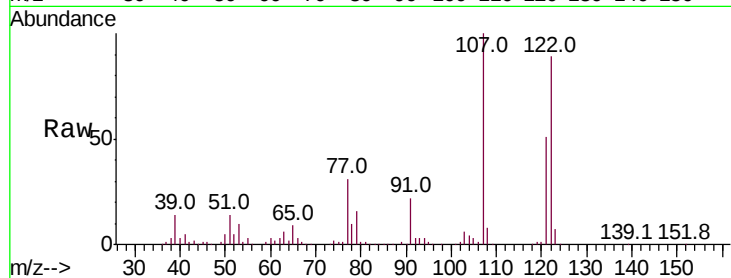
Tot Ion:122 Resp: 235956

Ion Ratio Lower Upper

122 100

107 111.8 89.0 133.6

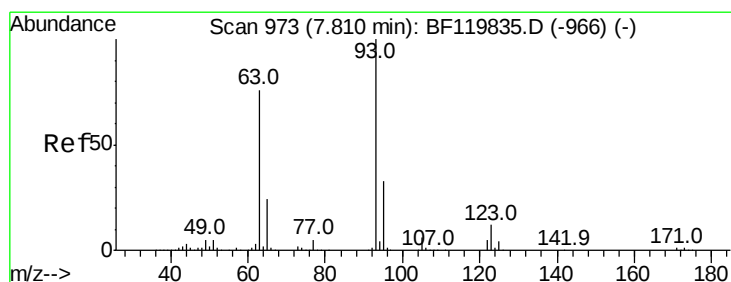
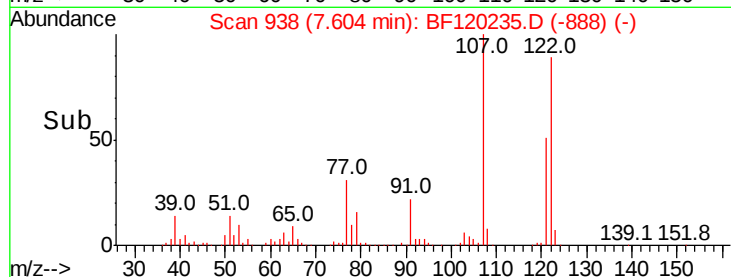
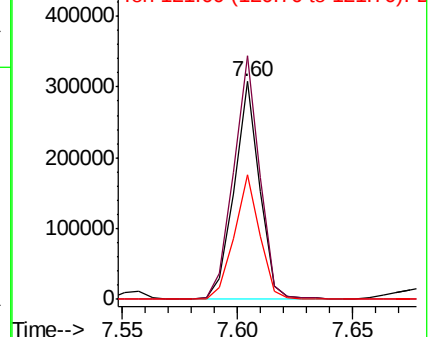
121 57.3 46.7 70.1



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: 42.847 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

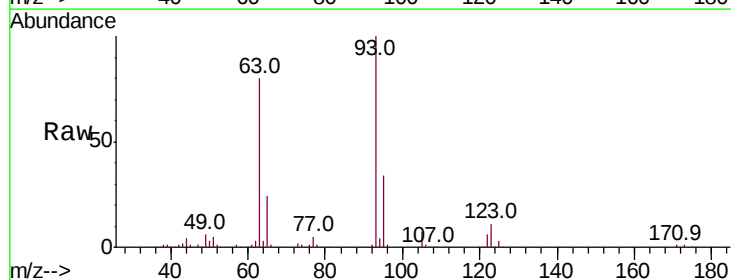
Tgt Ion: 93 Resp: 333499

Ion Ratio Lower Upper

93 100

95 33.8 26.3 39.5

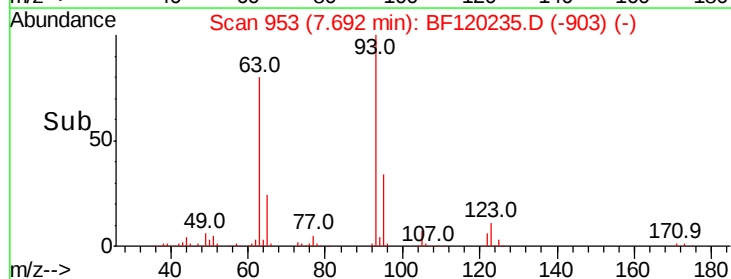
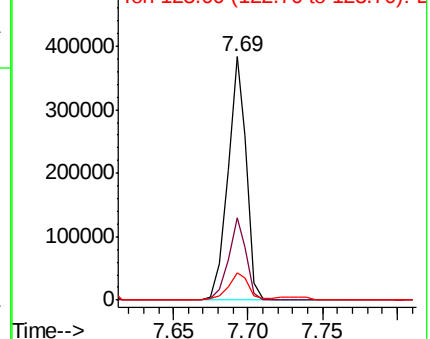
123 11.1 9.7 14.5

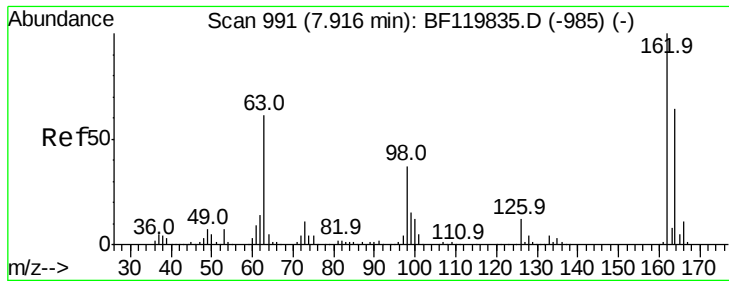


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

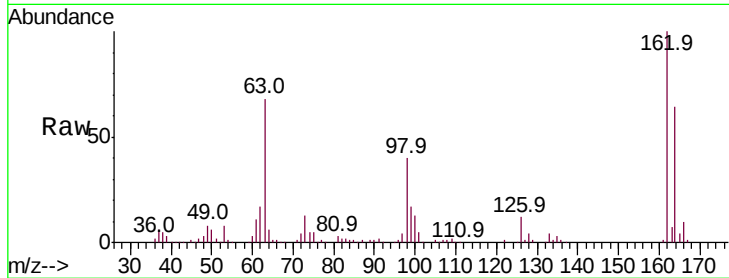




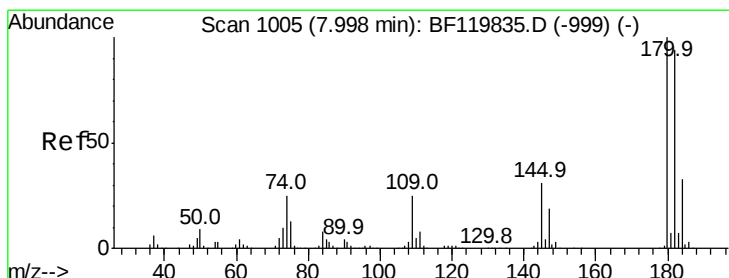
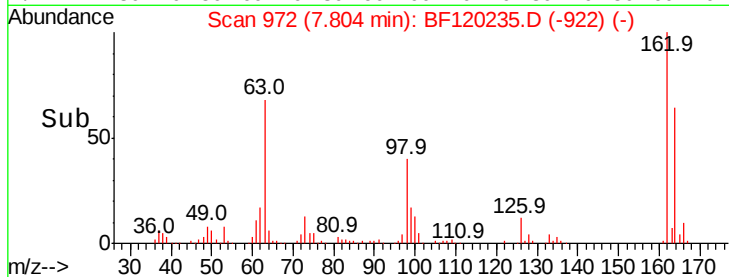
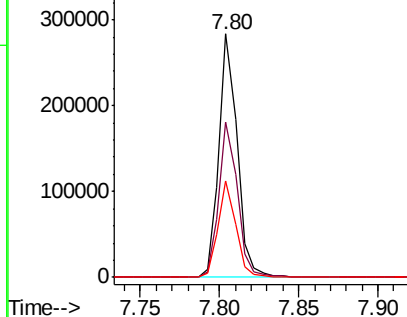
#29
 2,4-Dichlorophenol
 Concen: 42.637 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.7	84.7
98	39.5	20.7	60.7

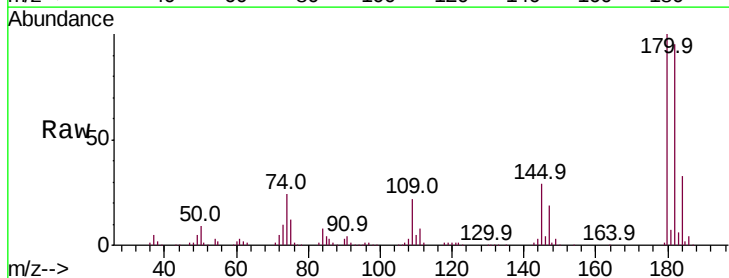


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

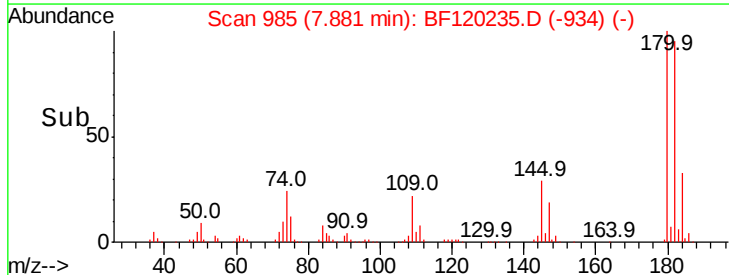
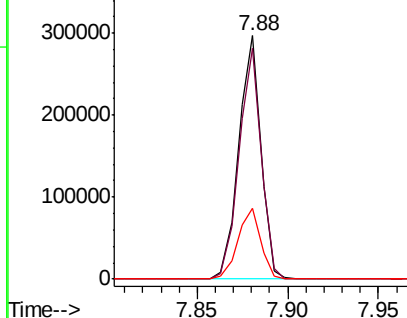


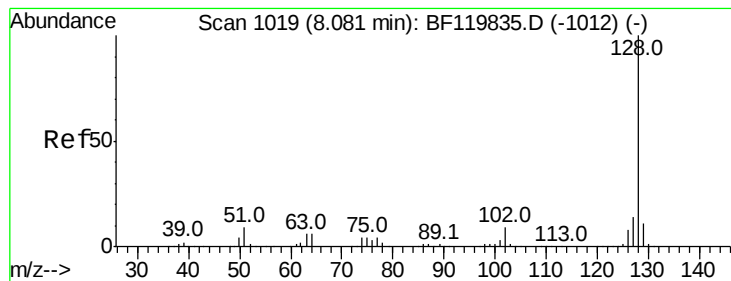
#30
 1,2,4-Trichlorobenzene
 Concen: 41.740 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.7	112.1
145	29.1	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: 43.396 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

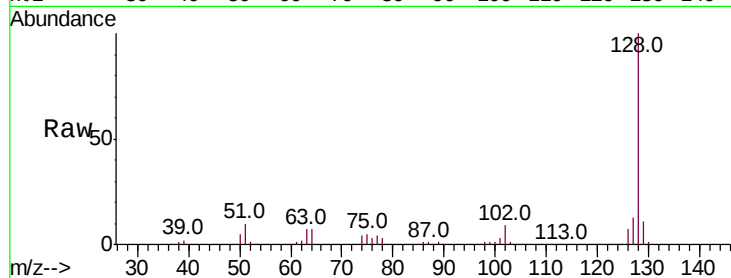
Tot Ion:128 Resp: 810496

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

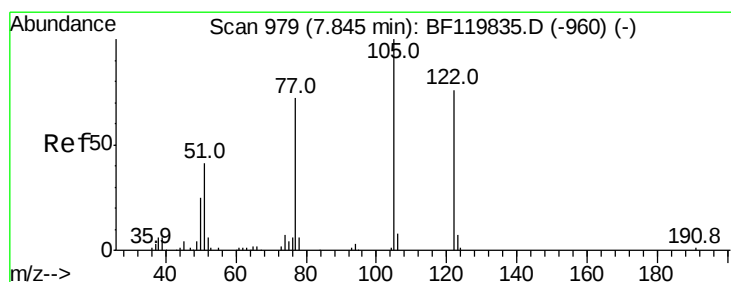
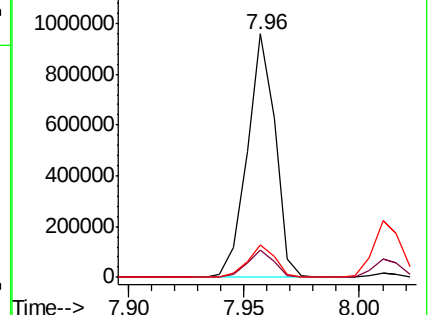
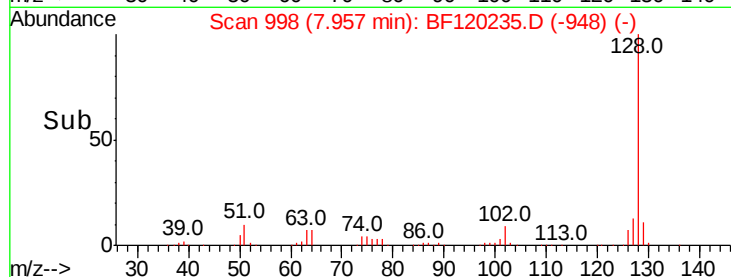
127 13.2 11.3 16.9



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: 35.470 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

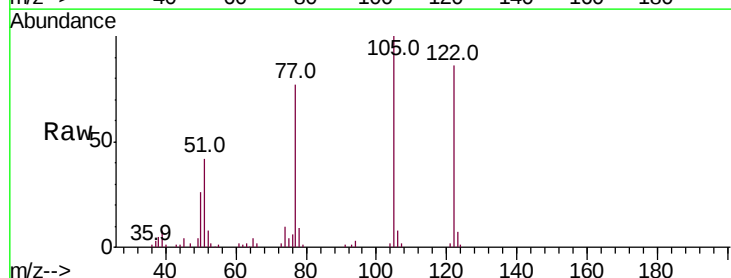
Tgt Ion:122 Resp: 162024

Ion Ratio Lower Upper

122 100

105 116.0 104.9 144.9

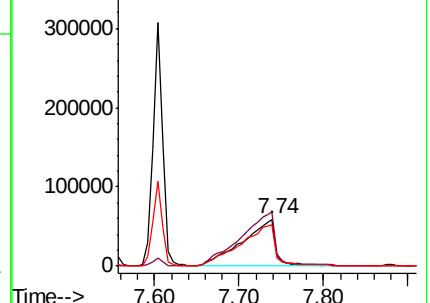
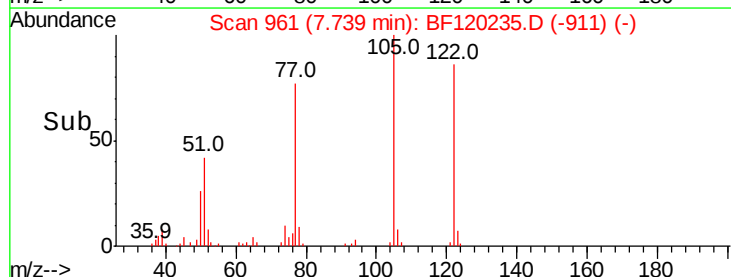
77 89.2 74.4 114.4

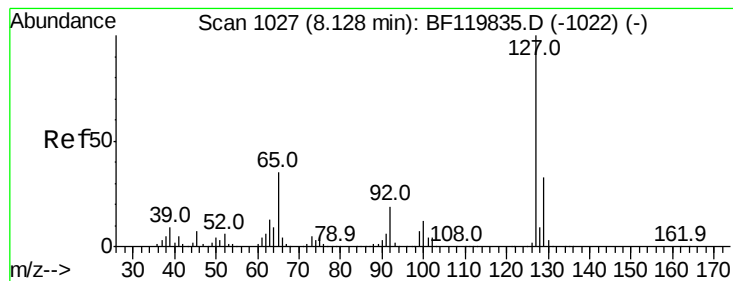


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 25.172 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

Tot Ion:127 Resp: 204670

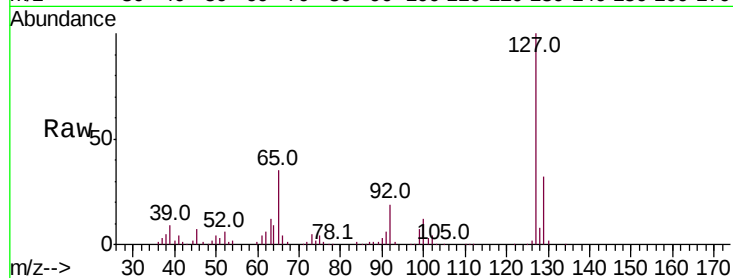
Ion Ratio Lower Upper

127 100

129 31.7 26.2 39.4

65 34.6 27.4 41.0

92 18.8 15.3 22.9

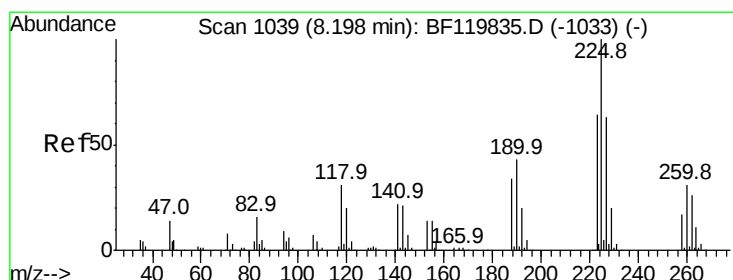
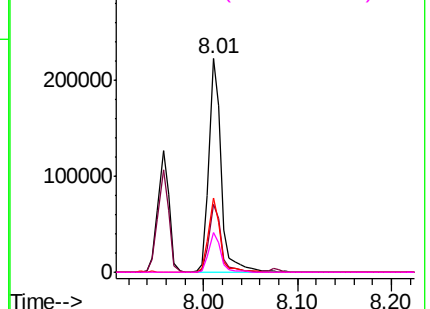
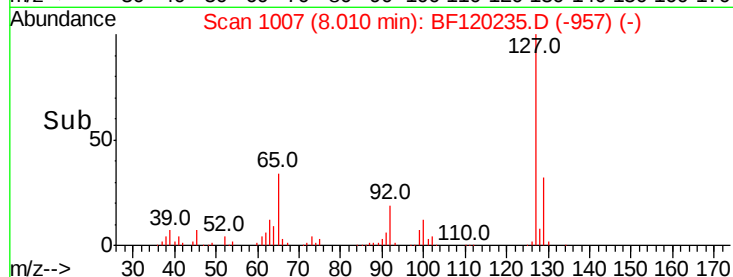


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.028 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

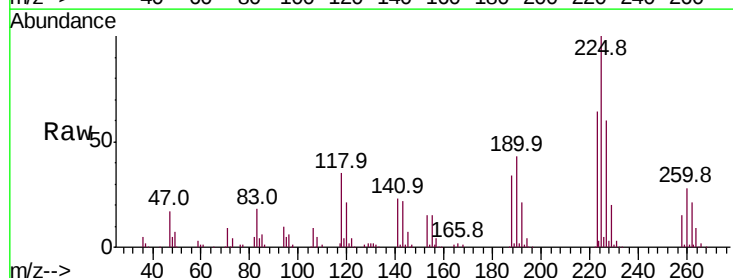
Tgt Ion:225 Resp: 144742

Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.6

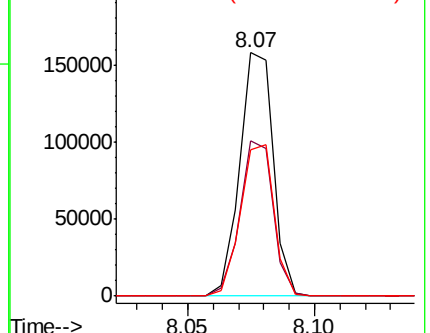
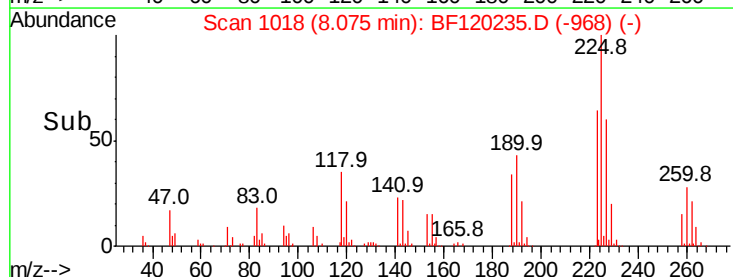
227 60.0 50.7 76.1

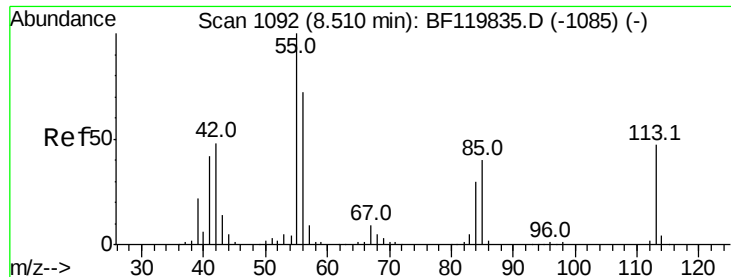


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

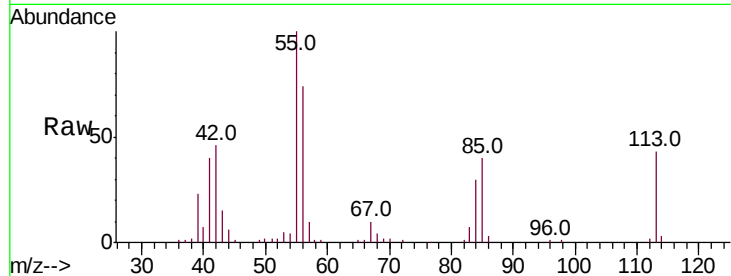




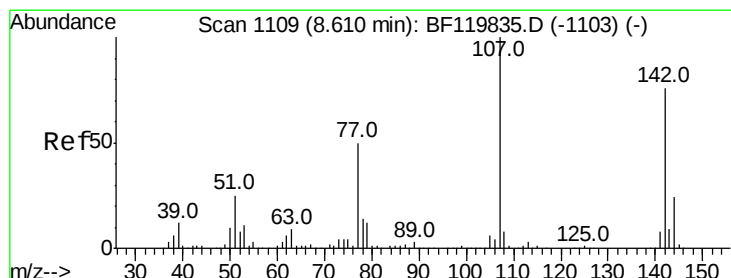
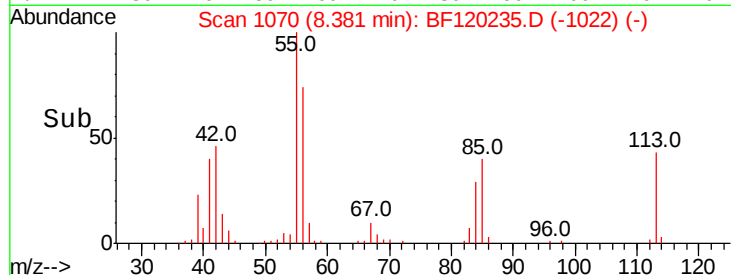
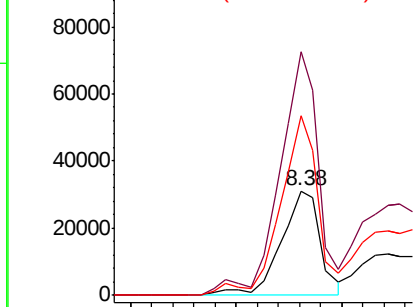
#35
 Caprolactam
 Concen: 24.581 ng
 RT: 8.38 min Scan# 1070
 Delta R.T. -0.02 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion:113 Resp: 40086
 Ion Ratio Lower Upper
 113 100
 55 232.6 218.4 258.4
 56 171.9 148.9 188.9

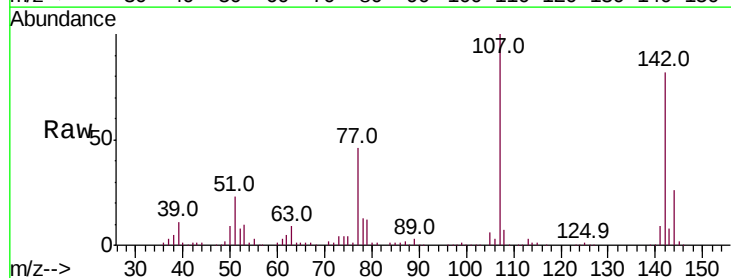


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

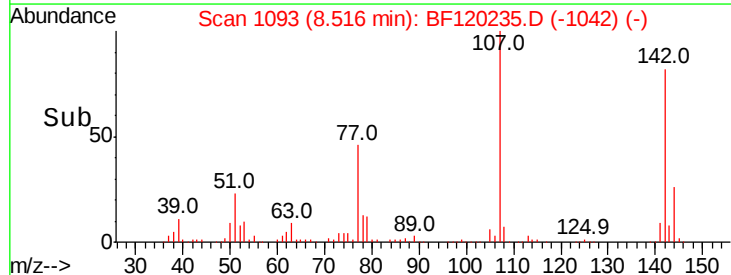
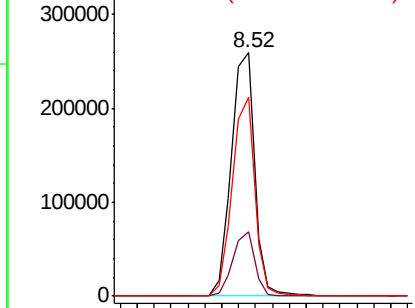


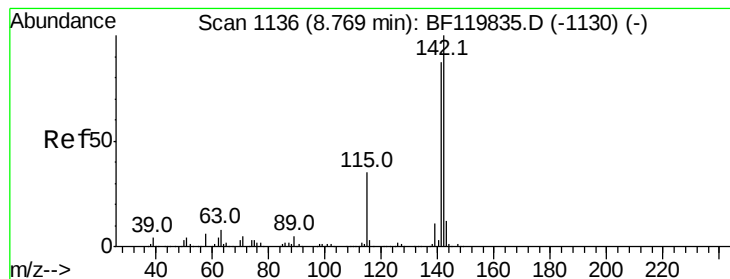
#36
 4-Chloro-3-methylphenol
 Concen: 43.242 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:107 Resp: 249592
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.0 31.6
 142 81.9 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: 42.395 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

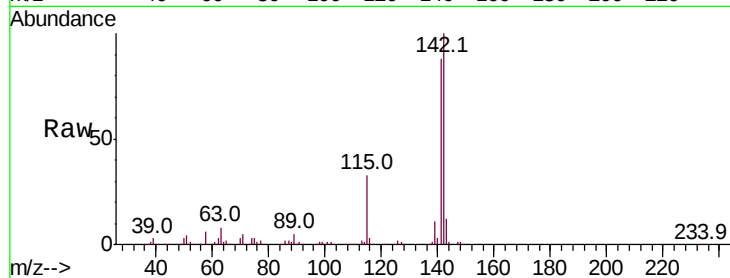
Tot Ion:142 Resp: 536814

Ion Ratio Lower Upper

142 100

141 88.1 71.7 107.5

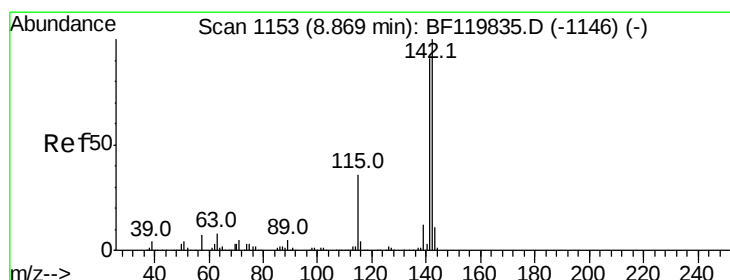
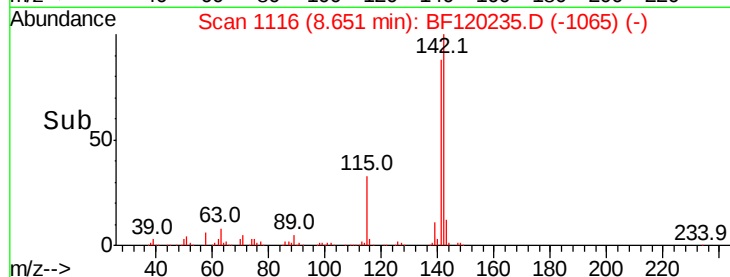
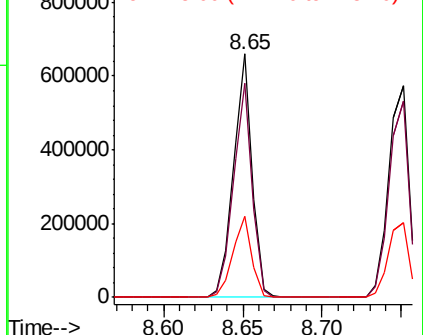
115 33.5 27.9 41.9



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: 42.592 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

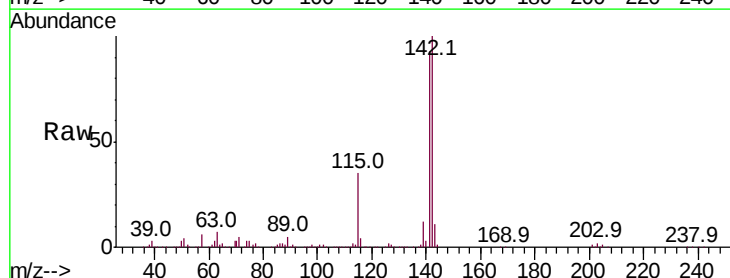
Tgt Ion:142 Resp: 508322

Ion Ratio Lower Upper

142 100

141 92.8 73.7 110.5

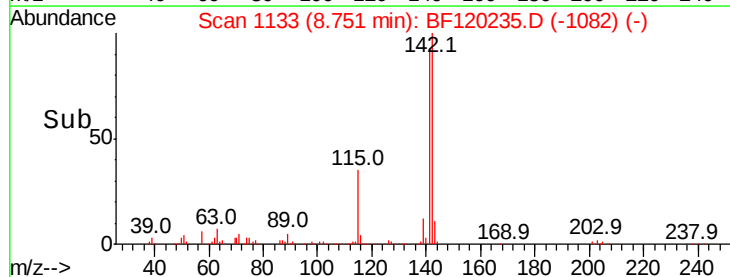
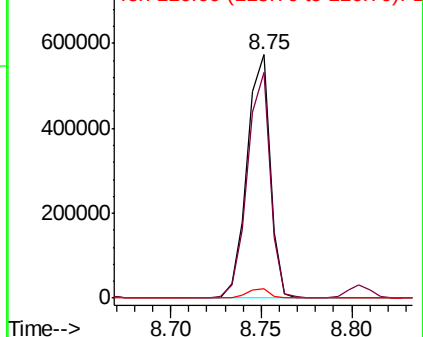
116 3.6 3.0 4.6

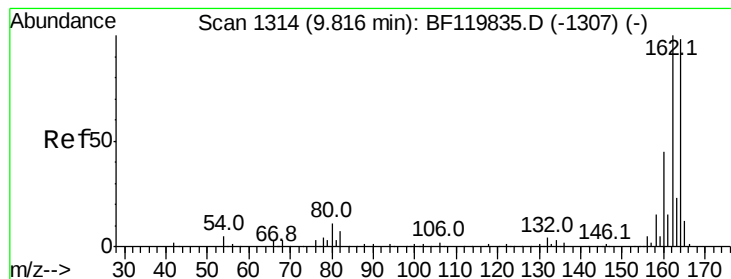


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampled :

PB128568BS

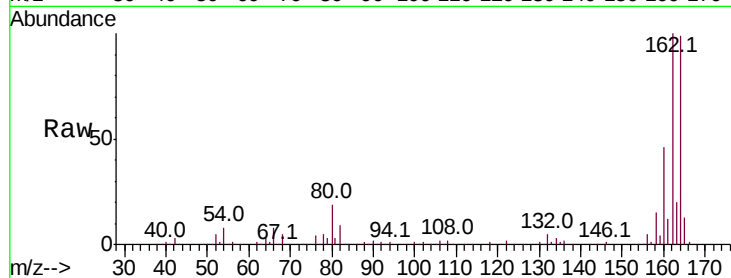
Tot Ion:164 Resp: 179619

Ion Ratio Lower Upper

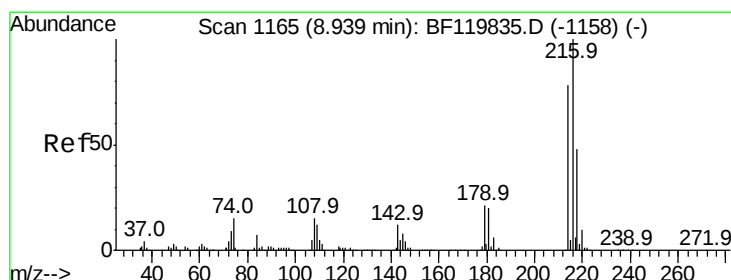
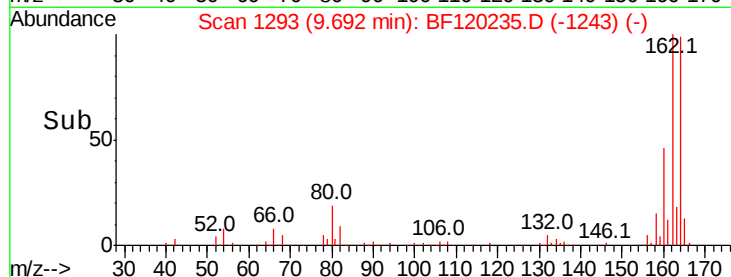
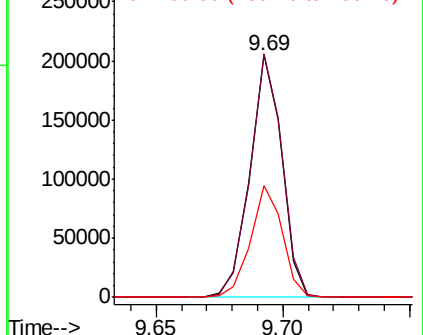
164 100

162 100.7 80.6 121.0

160 46.3 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: 42.559 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Tgt Ion:216 Resp: 241443

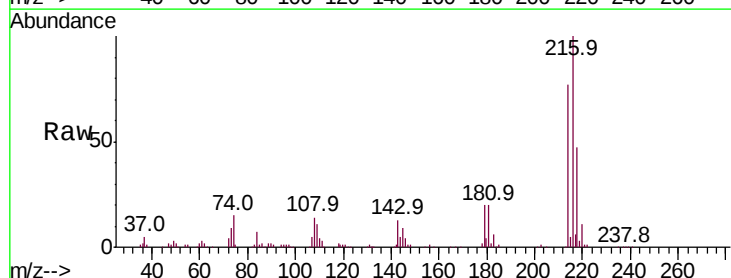
Ion Ratio Lower Upper

216 100

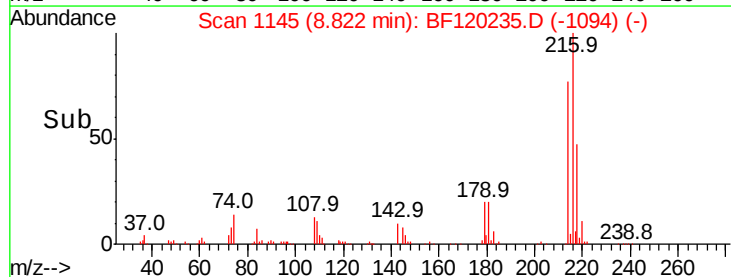
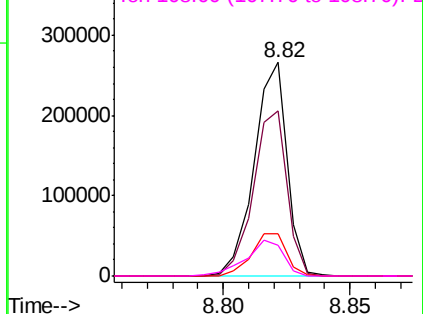
214 79.5 63.2 94.8

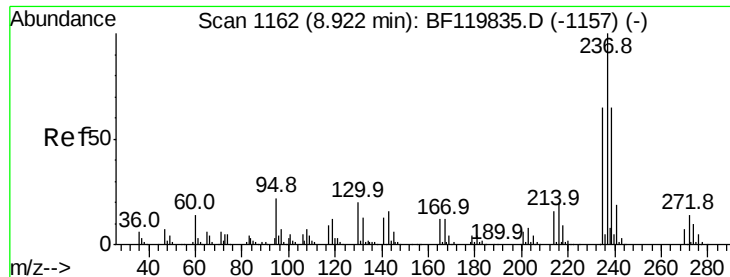
179 21.1 17.1 25.7

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: 68.186 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

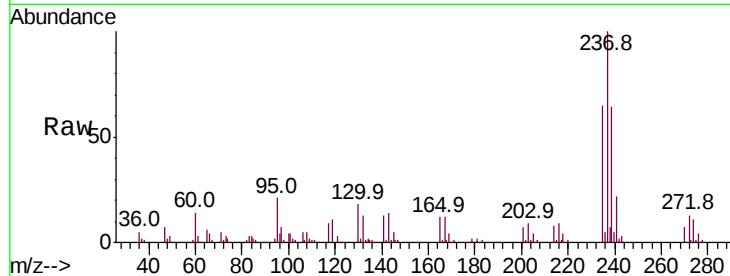
Tot Ion:237 Resp: 219966

Ion Ratio Lower Upper

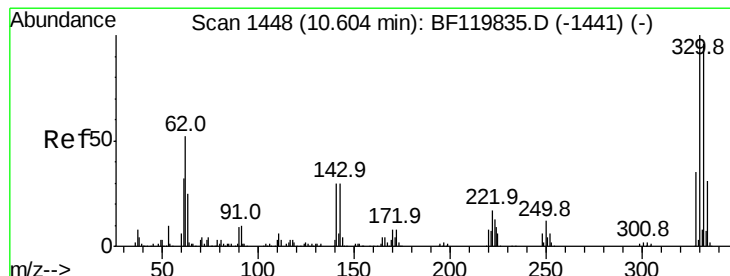
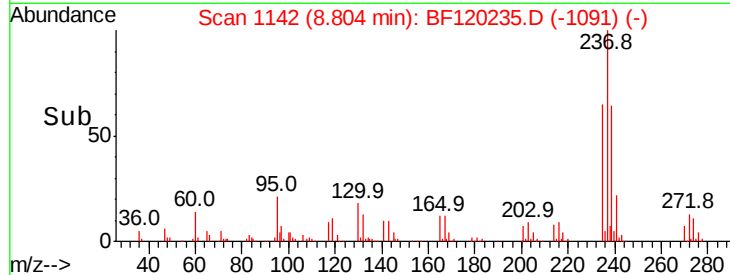
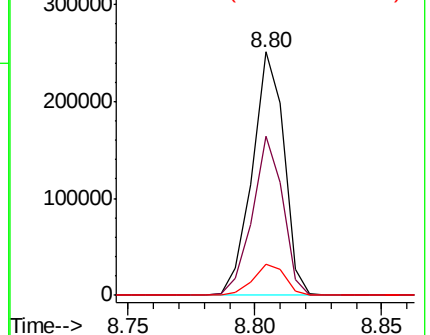
237 100

235 65.2 43.2 83.2

272 12.7 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: 109.936 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

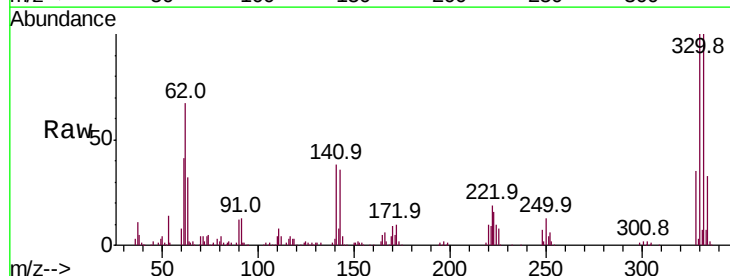
Tgt Ion:330 Resp: 241766

Ion Ratio Lower Upper

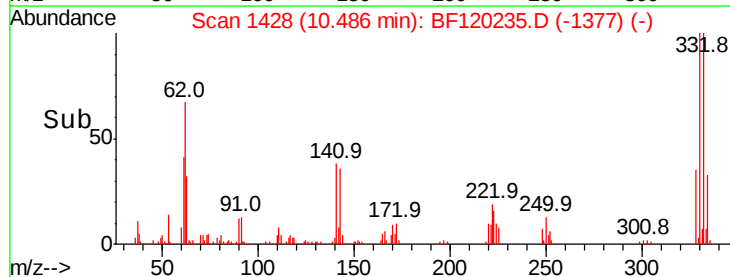
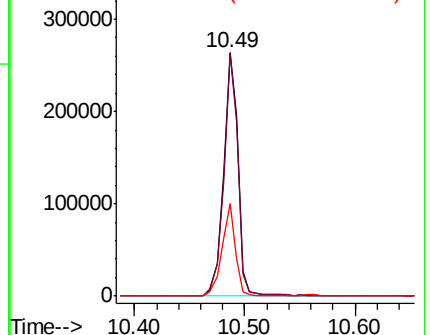
330 100

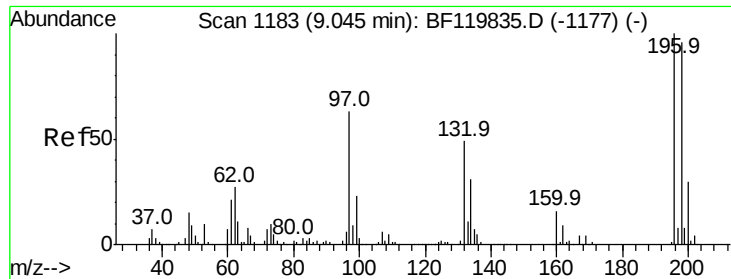
332 95.9 75.7 113.5

141 34.7 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

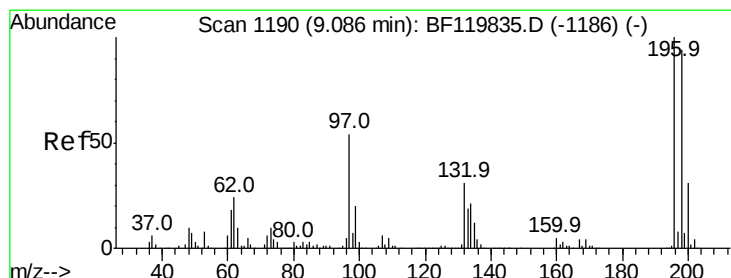
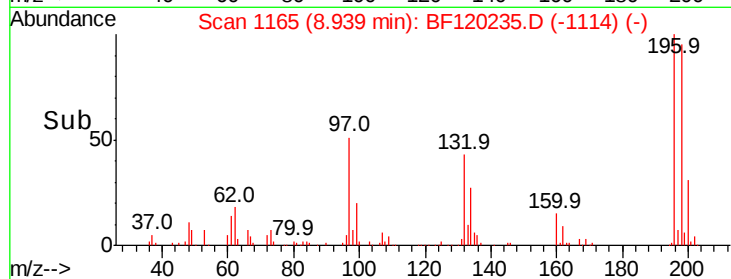
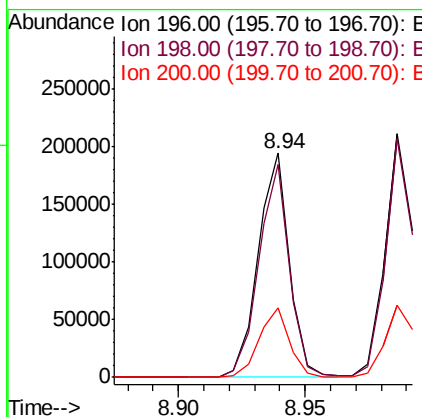
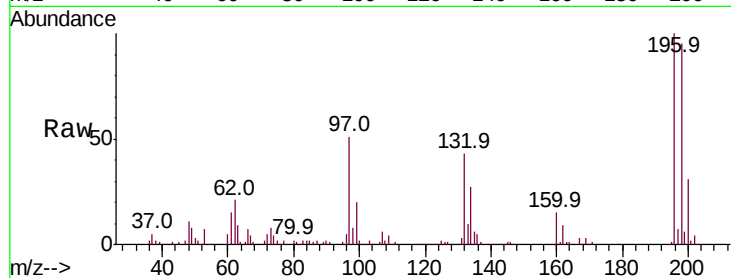




#43
 2,4,6-Trichlorophenol
 Concen: 42.606 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

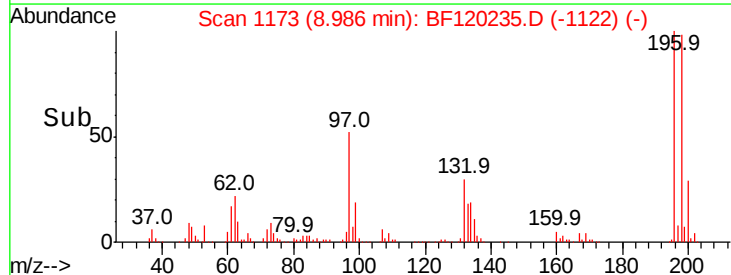
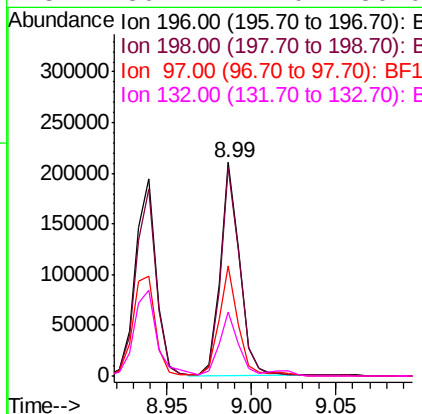
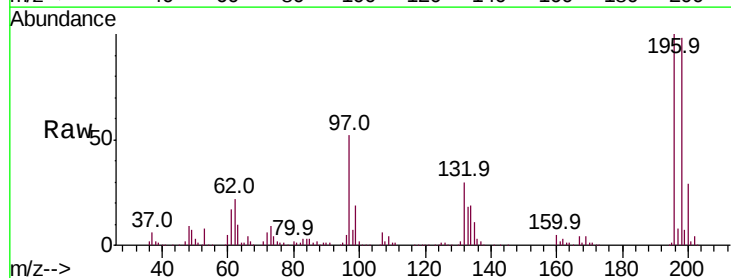
Instrument :
 BNA_F
 ClientSampled :
 PB128568BS

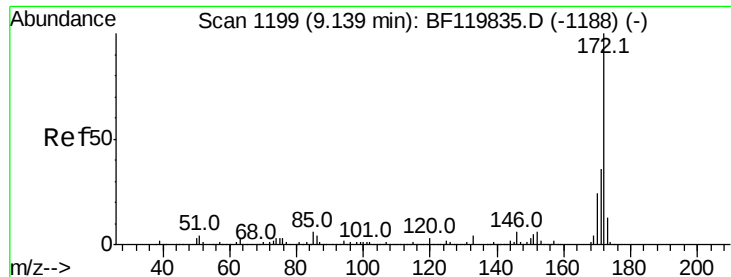
Tot Ion:196 Resp: 166910
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.6 115.0
 200 31.0 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 38.455 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:196 Resp: 169678
 Ion Ratio Lower Upper
 196 100
 198 97.7 73.8 110.8
 97 51.5 42.6 63.8
 132 30.2 24.0 36.0

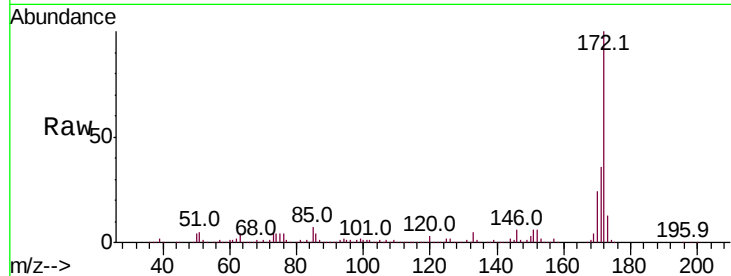




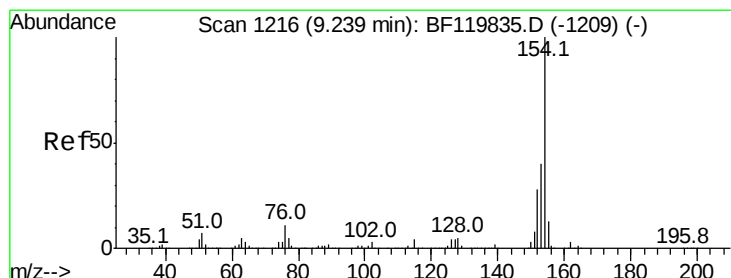
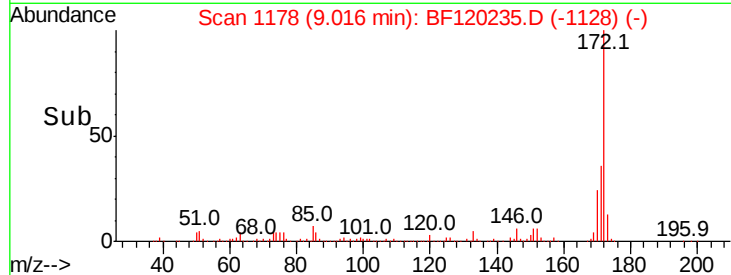
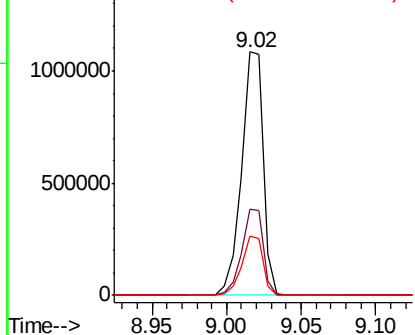
#45
2-Fluorobiphenyl
Concen: 86.364 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion:172 Resp: 1092600
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.2 20.2 30.2

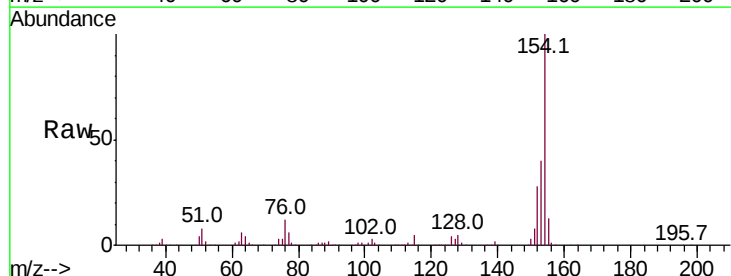


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

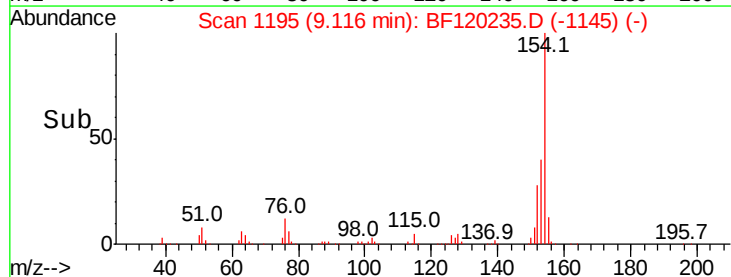
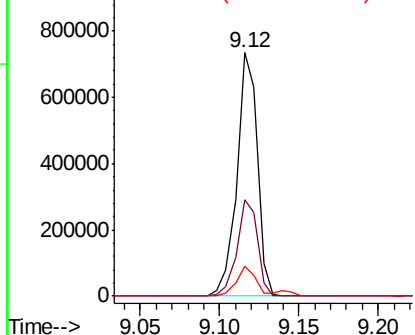


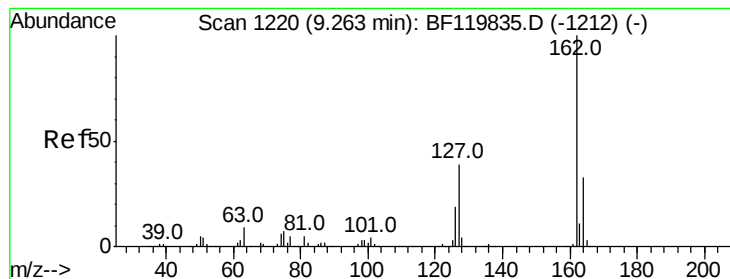
#46
1,1'-Biphenyl
Concen: 43.367 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:154 Resp: 657474
Ion Ratio Lower Upper
154 100
153 39.6 21.4 61.4
76 12.4 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: 43.634 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

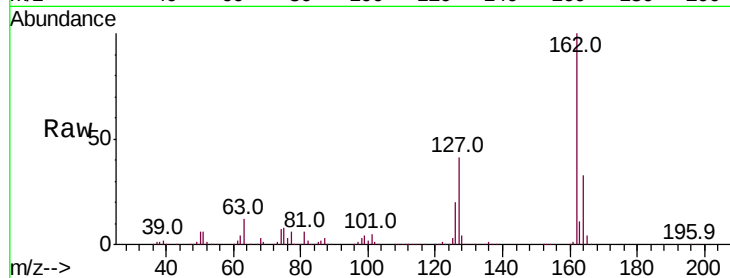
Tot Ion:162 Resp: 509609

Ion Ratio Lower Upper

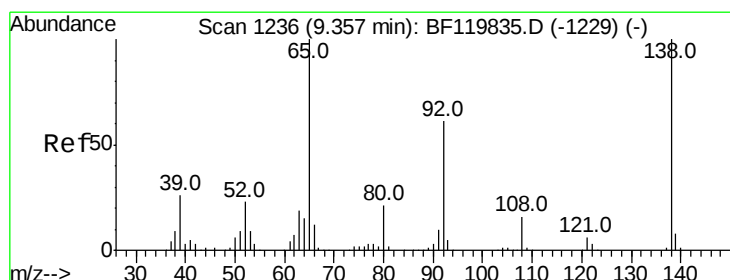
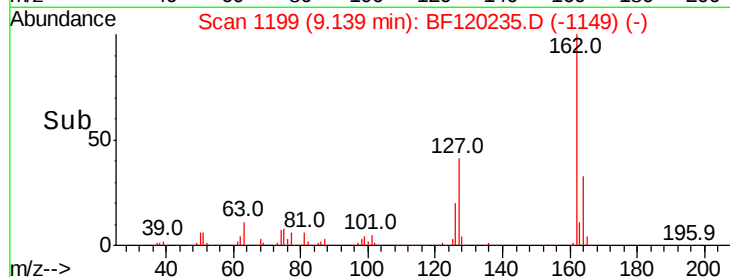
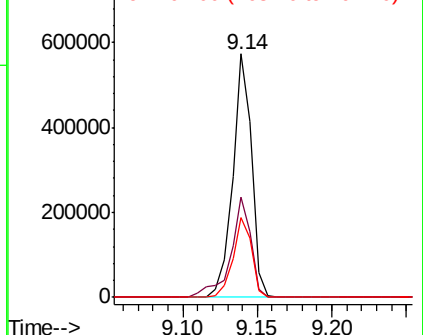
162 100

127 41.0 33.7 50.5

164 32.8 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: 41.755 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

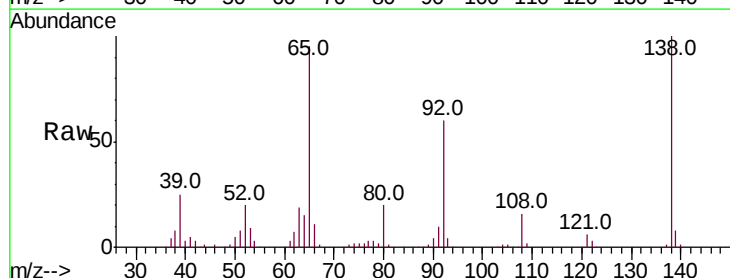
Tgt Ion: 65 Resp: 176722

Ion Ratio Lower Upper

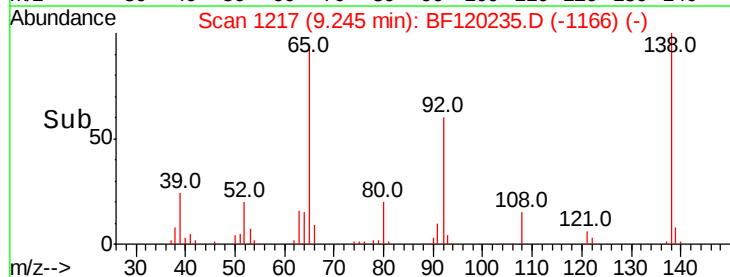
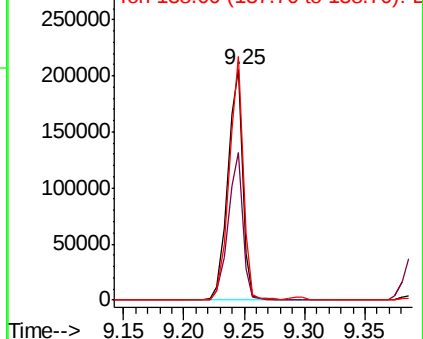
65 100

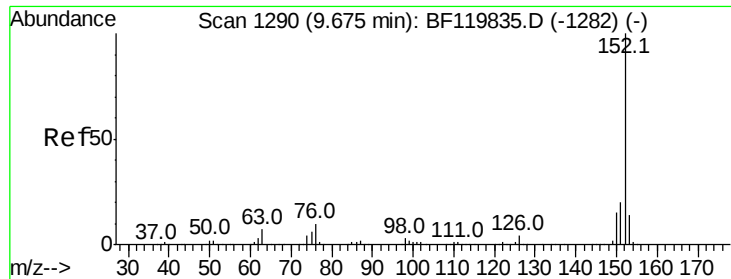
92 63.9 50.0 75.0

138 105.7 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: 45.460 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

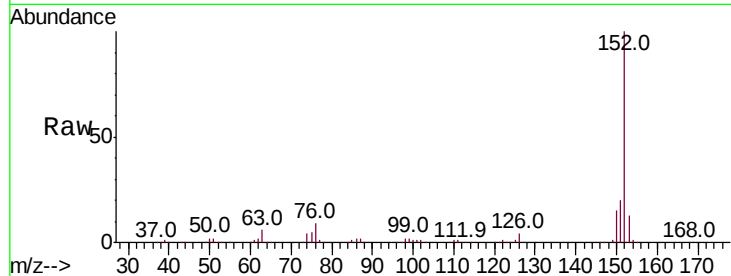
Tot Ion:152 Resp: 807450

Ion Ratio Lower Upper

152 100

151 20.1 17.2 25.8

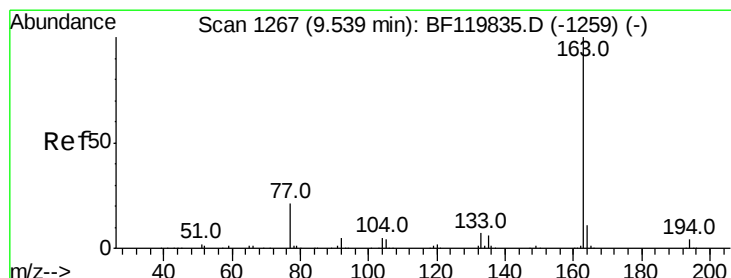
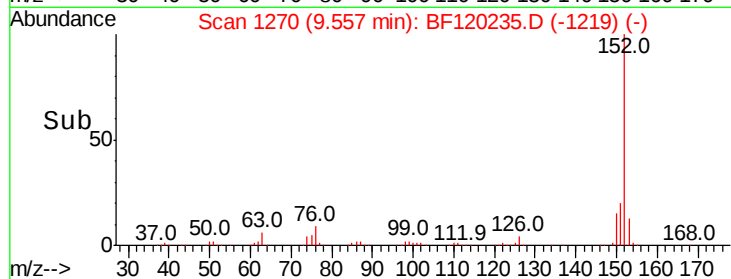
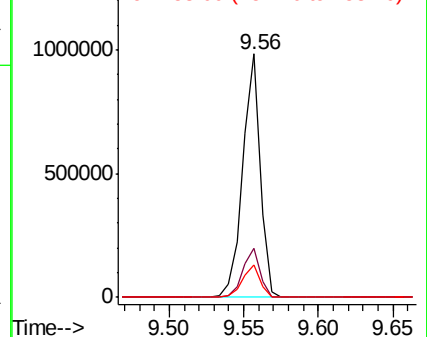
153 13.2 11.2 16.8



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: 42.700 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

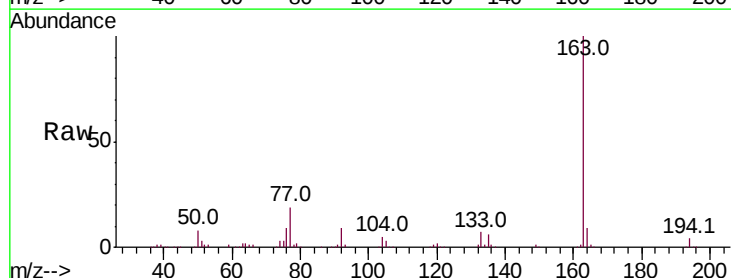
Tgt Ion:163 Resp: 593245

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

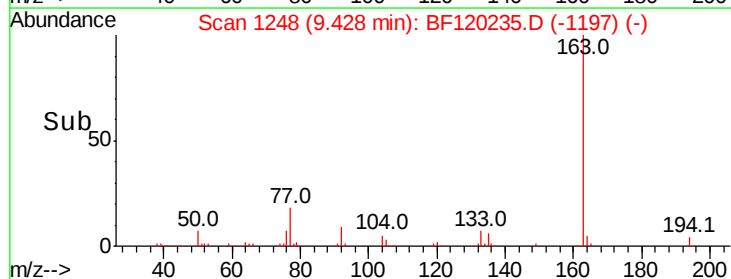
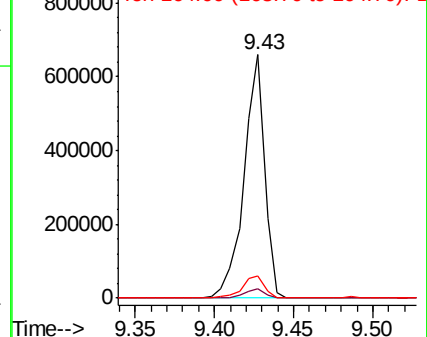
164 9.4 8.2 12.2

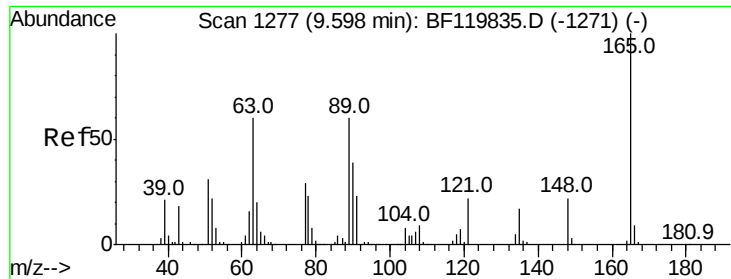


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

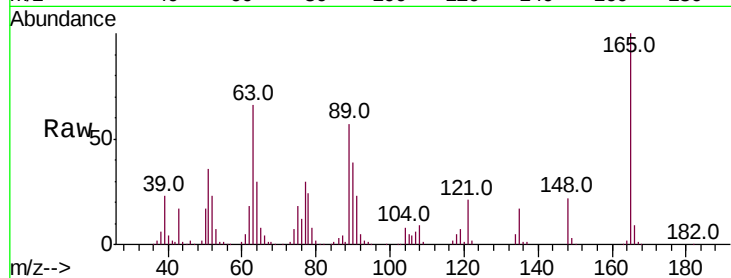




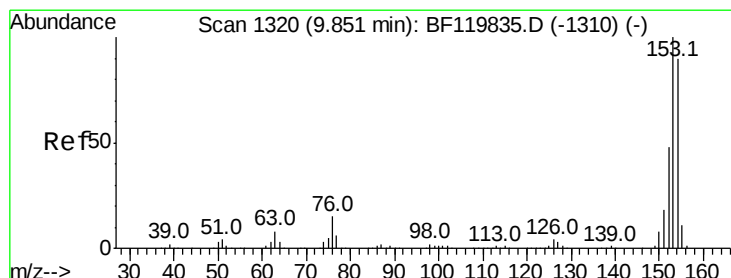
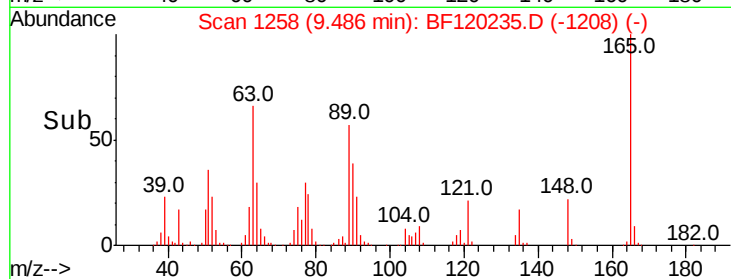
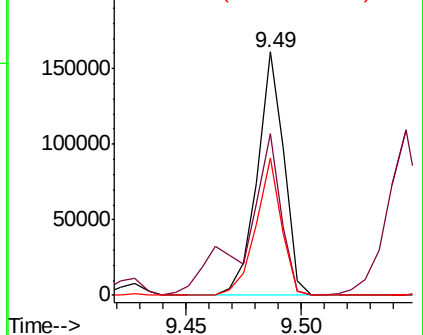
#51
2,6-Dinitrotoluene
Concen: 42.784 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion:165 Resp: 130166
Ion Ratio Lower Upper
165 100
63 66.2 45.0 67.4
89 56.6 41.5 62.3

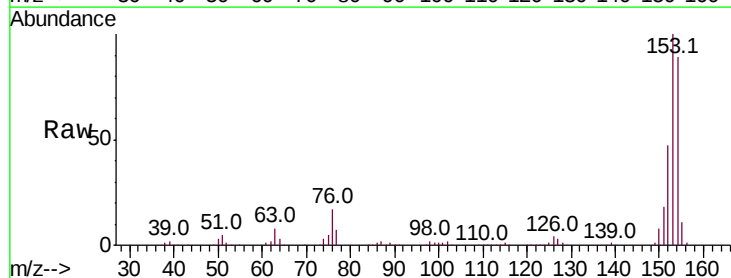


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

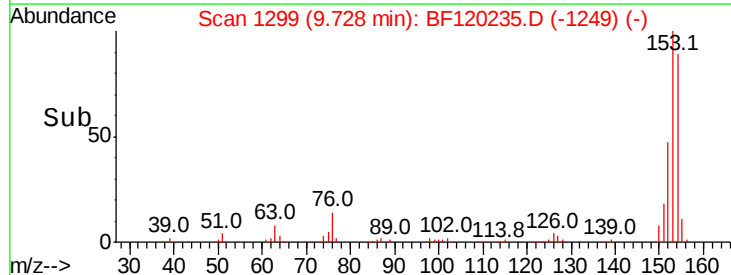
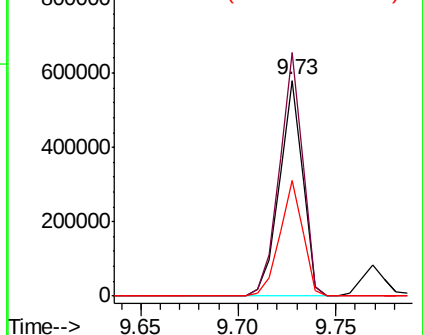


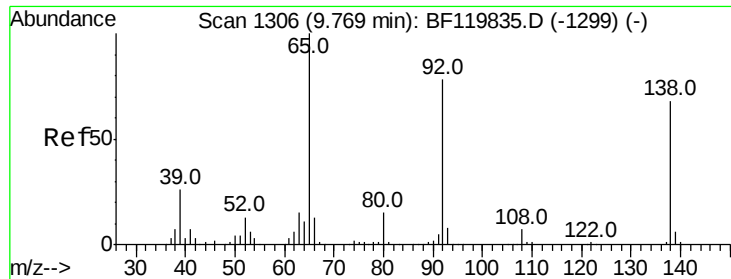
#52
Acenaphthene
Concen: 40.557 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:154 Resp: 480528
Ion Ratio Lower Upper
154 100
153 112.8 88.1 132.1
152 53.4 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

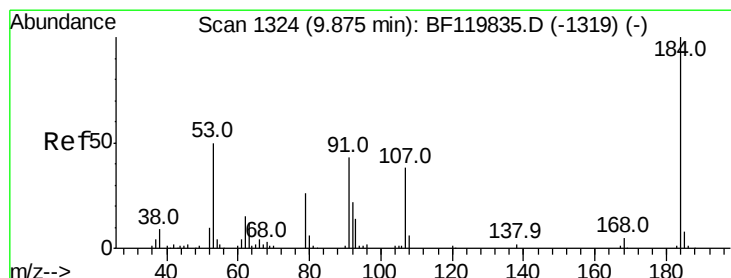
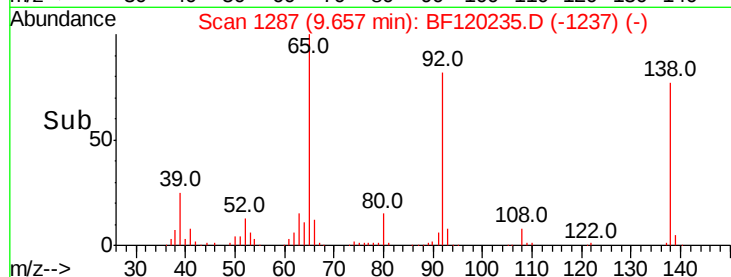
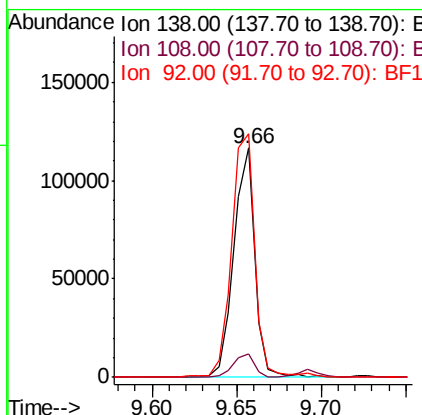
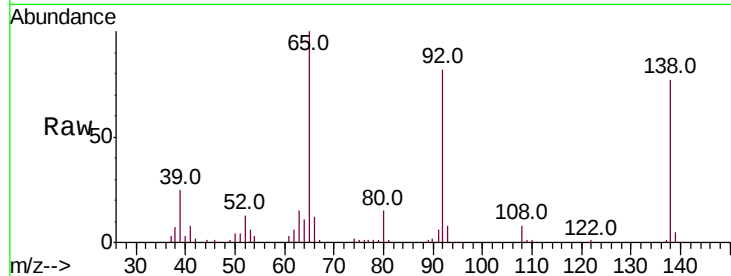




#53
3-Nitroaniline
Concen: 29.059 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

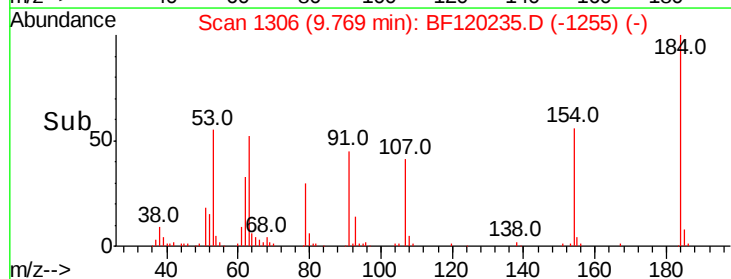
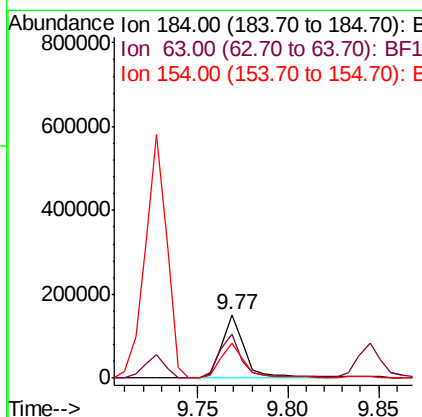
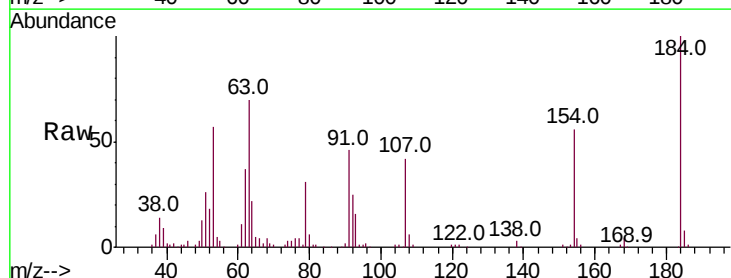
Instrument :
BNA_F
ClientSampleId :
PB128568BS

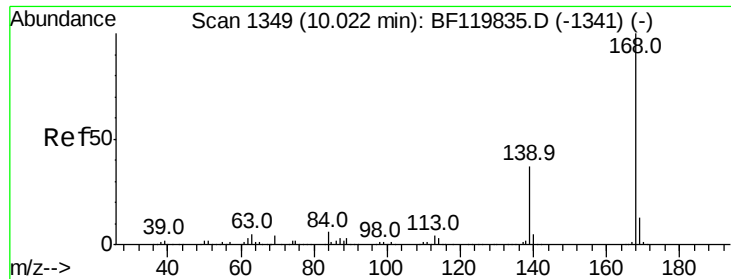
Tot Ion:138 Resp: 100972
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 106.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 74.084 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:184 Resp: 134942
Ion Ratio Lower Upper
184 100
63 69.7 50.2 75.4
154 56.1 44.5 66.7

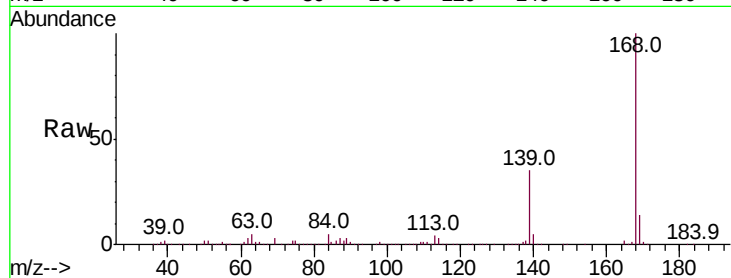




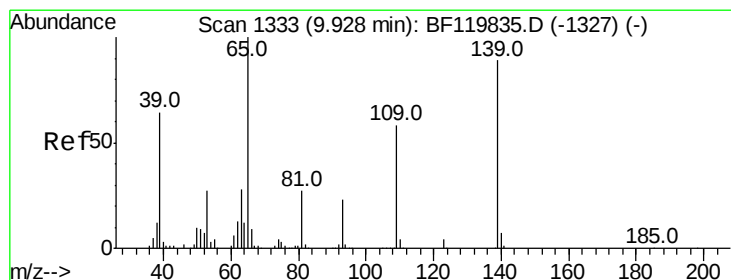
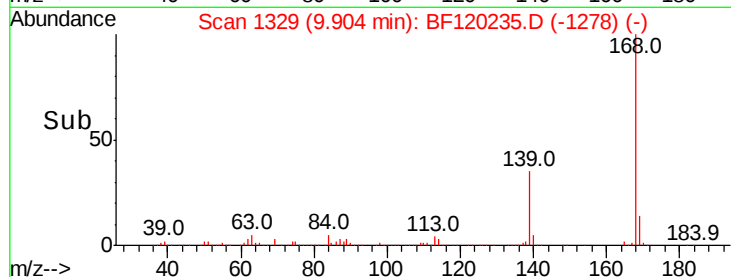
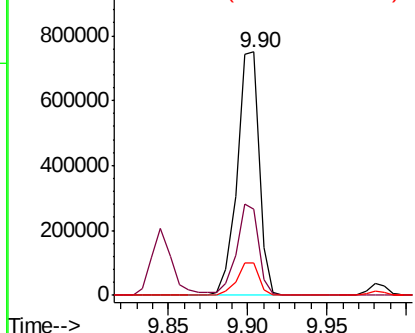
#55
Dibenzofuran
Concen: 44.568 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion:168 Resp: 724616
Ion Ratio Lower Upper
168 100
139 35.2 30.1 45.1
169 13.6 11.0 16.6

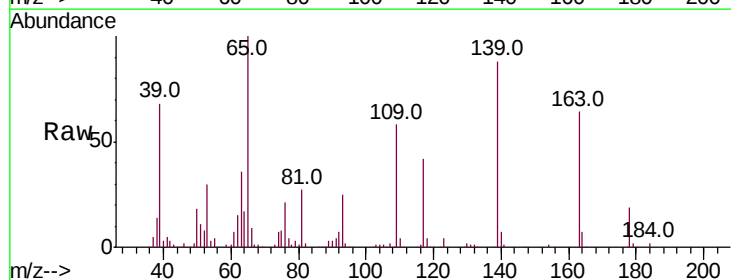


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

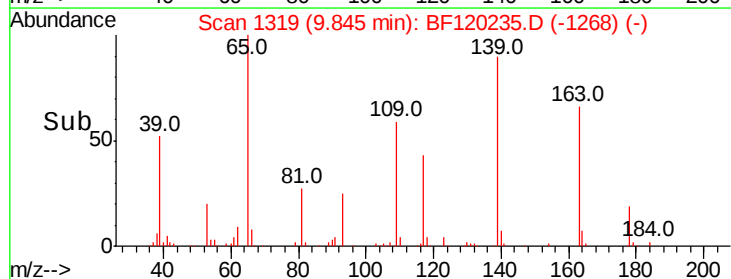
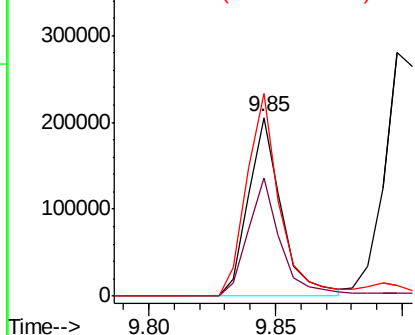


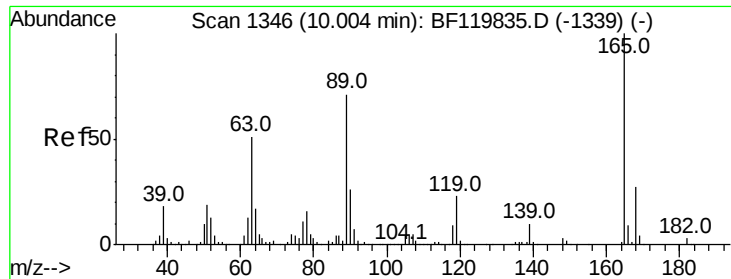
#56
4-Nitrophenol
Concen: 72.310 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:139 Resp: 186946
Ion Ratio Lower Upper
139 100
109 65.9 43.3 83.3
65 113.2 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

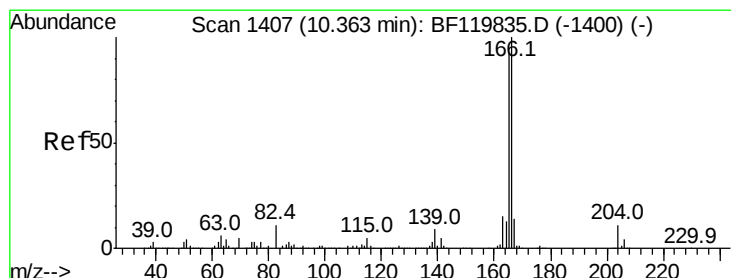
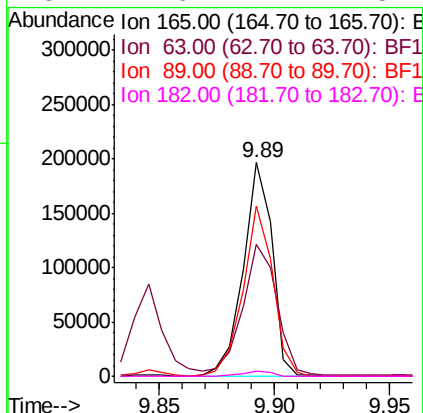
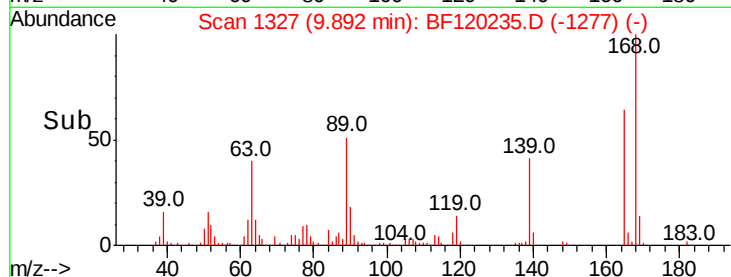
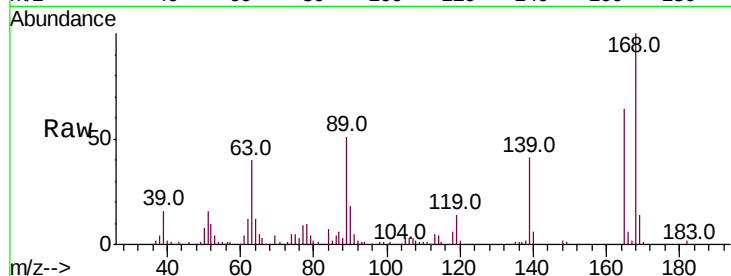




#57
 2,4-Dinitrotoluene
 Concen: 43.140 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

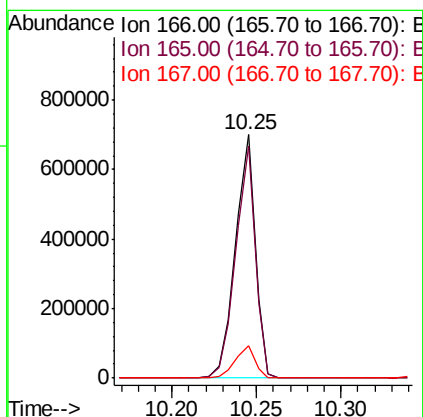
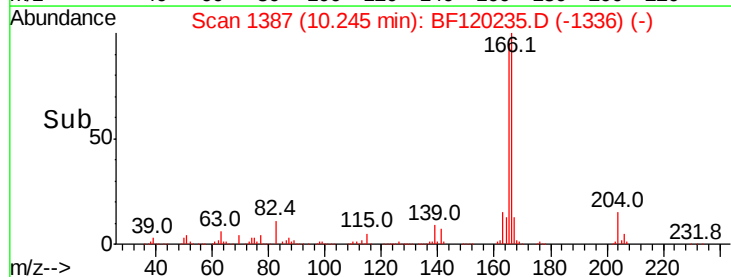
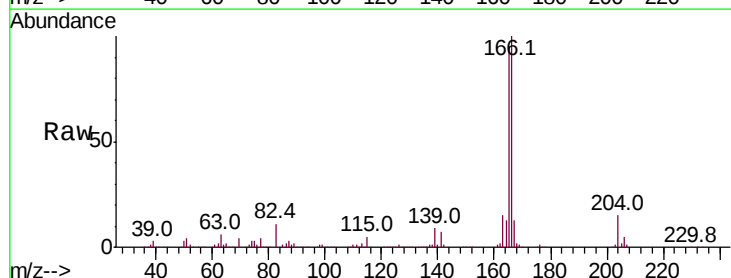
Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

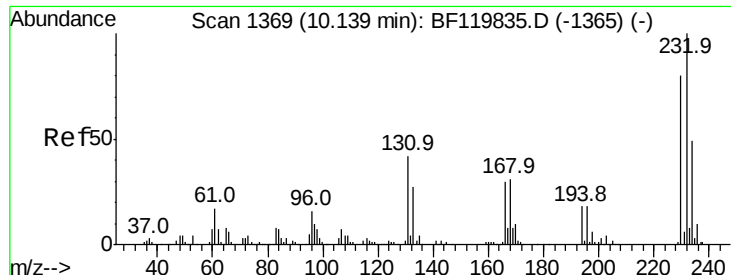
Tot Ion:165	Resp:	172921
Ion	Ratio	Lower Upper
165	100	
63	61.8	42.6 64.0
89	80.0	61.0 91.4
182	2.6	2.2 3.2



#58
 Fluorene
 Concen: 44.149 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:166	Resp:	574064
Ion	Ratio	Lower Upper
166	100	
165	95.2	75.4 113.2
167	13.1	11.2 16.8

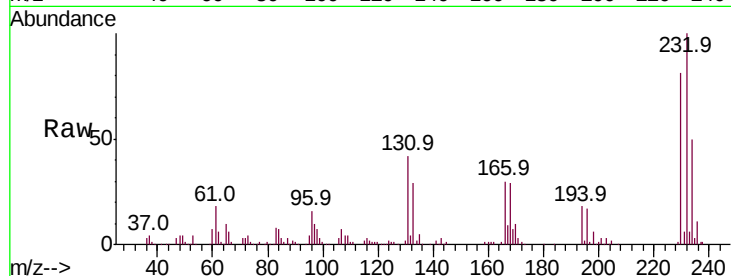




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.870 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion:	232	Resp:	148044
Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.5	56.3
130	1.9	1.8	2.6
166	30.3	24.6	36.8



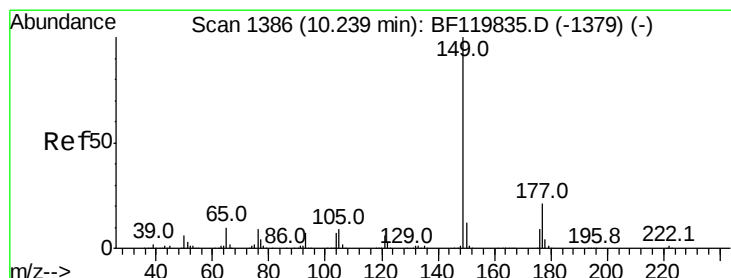
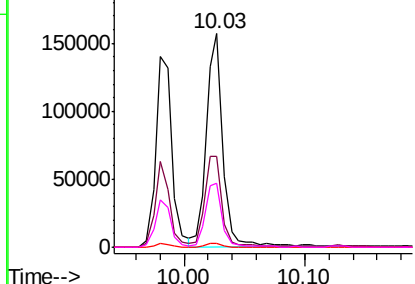
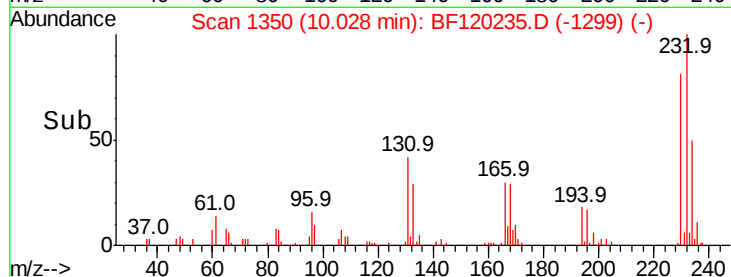
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

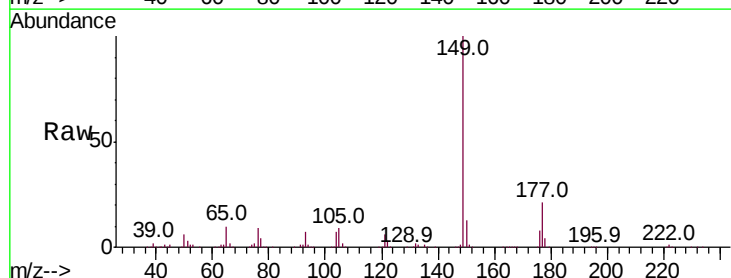
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.150 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:	149	Resp:	621331
Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.0	25.6
150	12.5	10.1	15.1

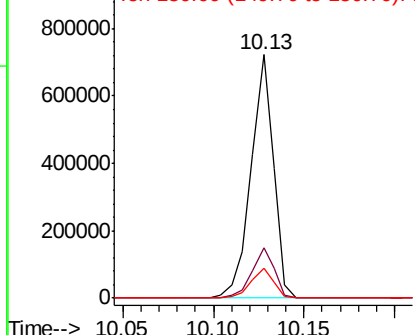
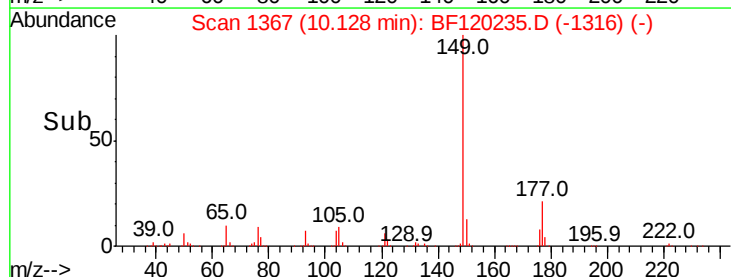


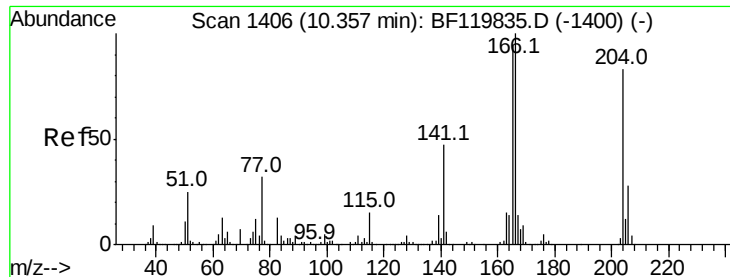
Abundance

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

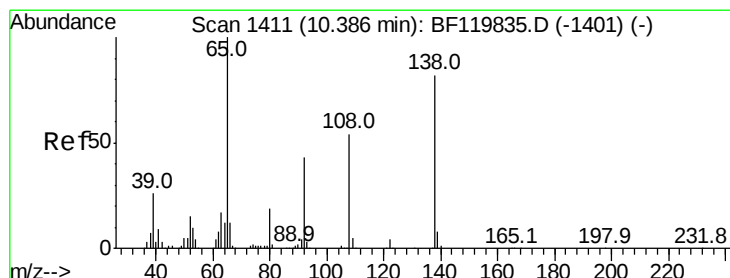
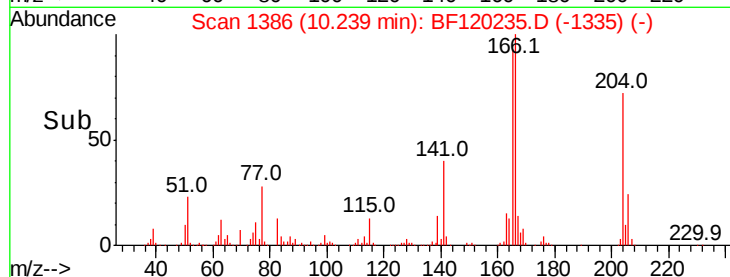
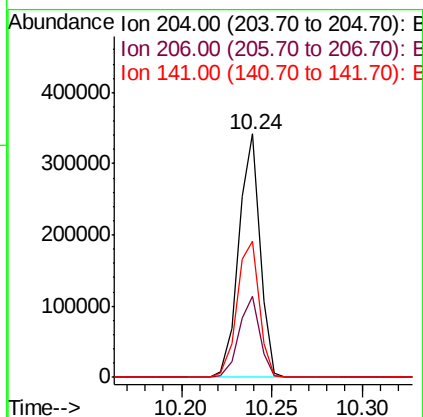
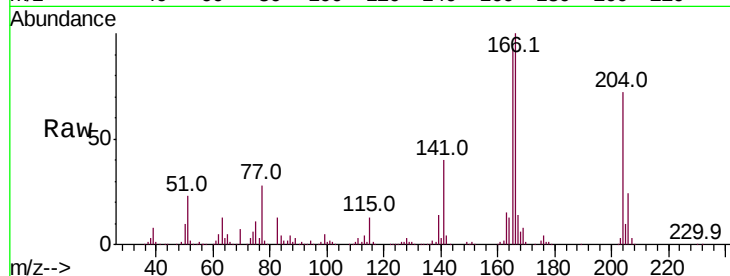




#61
4-Chlorophenyl-phenylether
Concen: 41.702 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

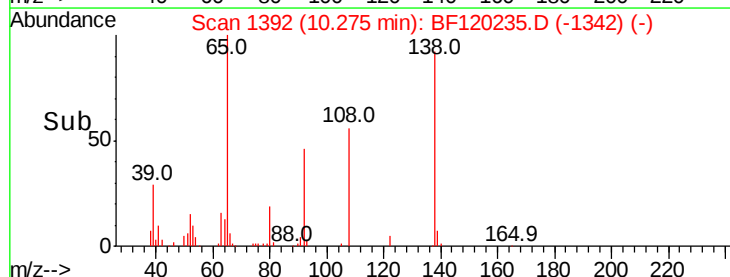
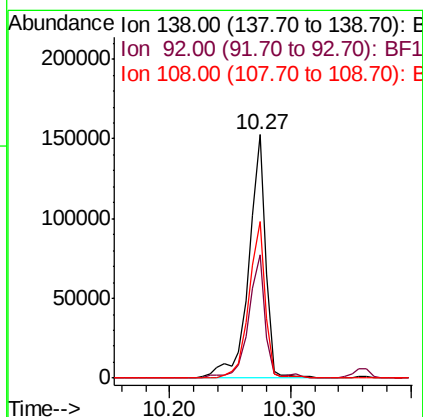
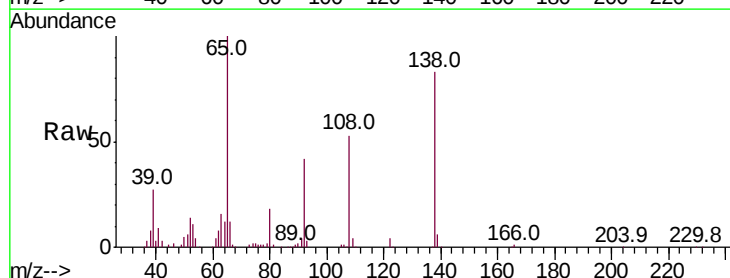
Instrument :
BNA_F
ClientSampleId :
PB128568BS

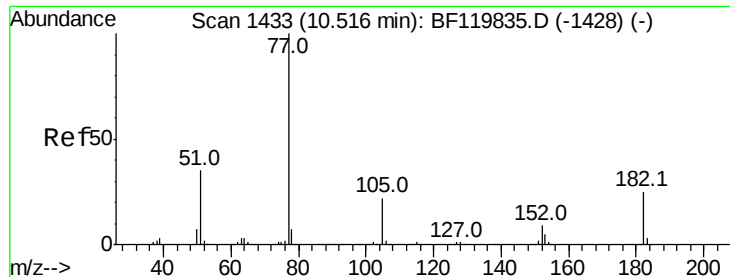
Tot Ion:204 Resp: 277925
Ion Ratio Lower Upper
204 100
206 33.6 26.7 40.1
141 55.9 47.3 70.9



#62
4-Nitroaniline
Concen: 45.067 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:138 Resp: 149235
Ion Ratio Lower Upper
138 100
92 50.6 31.5 71.5
108 64.1 45.8 85.8





#63

Azobenzene

Concen: 44.898 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

Tot Ion: 77 Resp: 579393

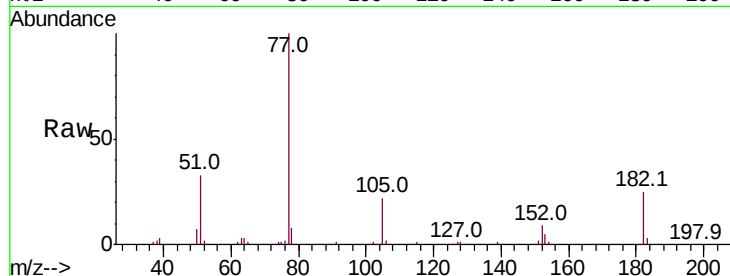
Ion Ratio Lower Upper

77 100

182 24.5 4.4 44.4

105 22.1 2.6 42.6

51 33.2 15.1 55.1

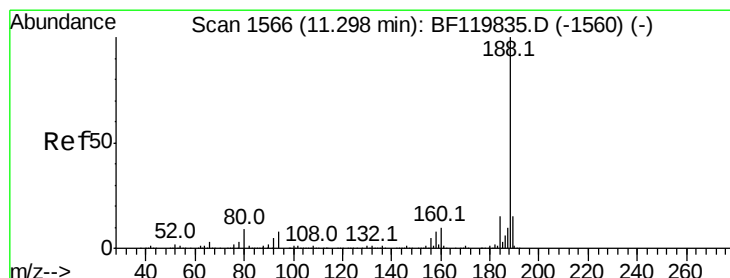
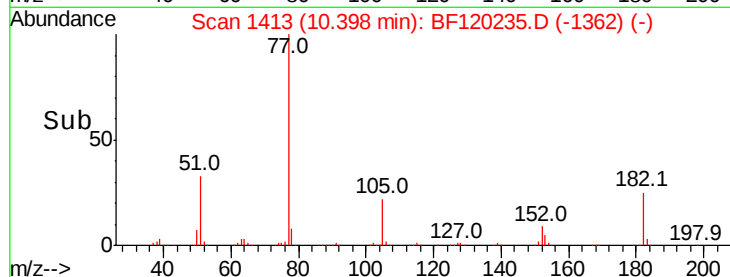
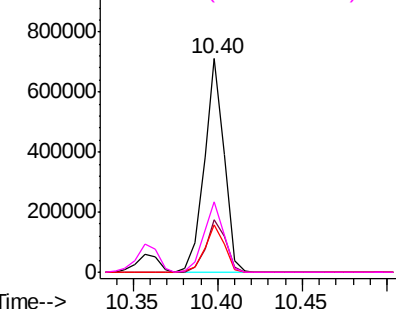


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120235.D

Acq: 30 Apr 2020 13:02

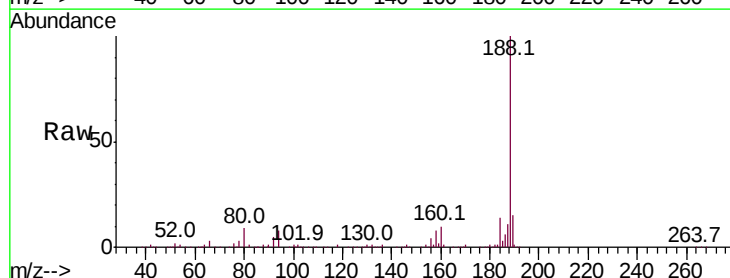
Tgt Ion: 188 Resp: 351946

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

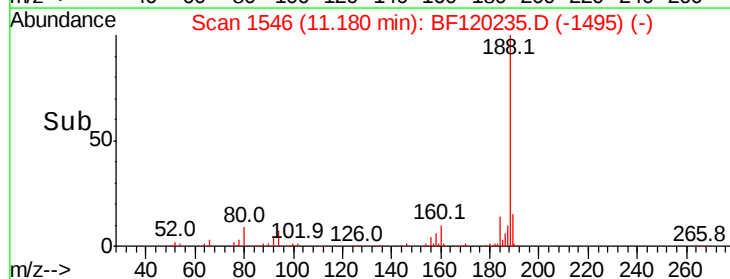
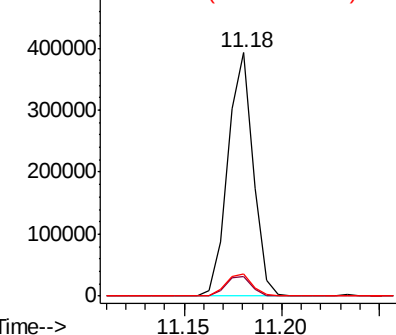
80 9.2 9.0 13.4

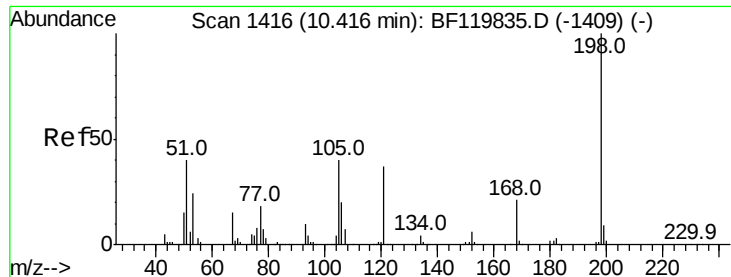


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

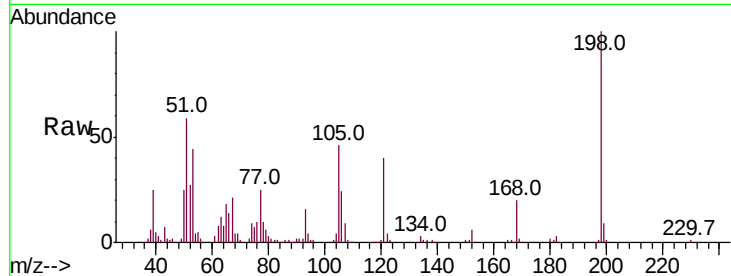




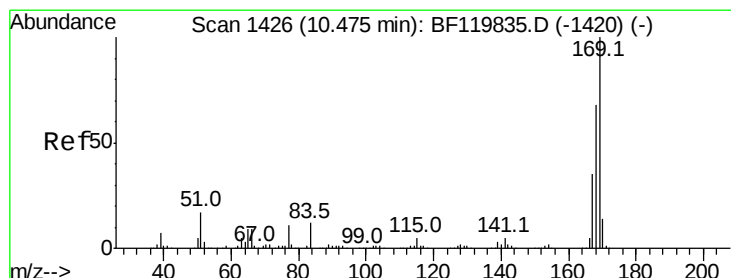
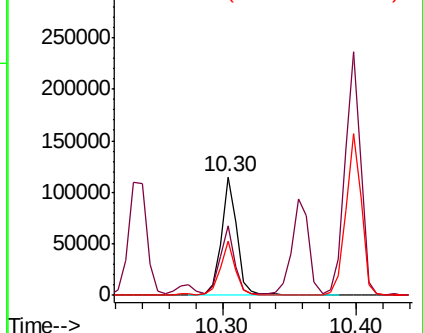
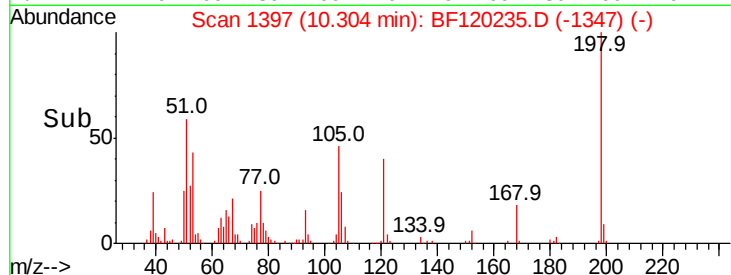
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.838 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion:198 Resp: 97007
 Ion Ratio Lower Upper
 198 100
 51 58.7 29.0 69.0
 105 45.9 22.2 62.2

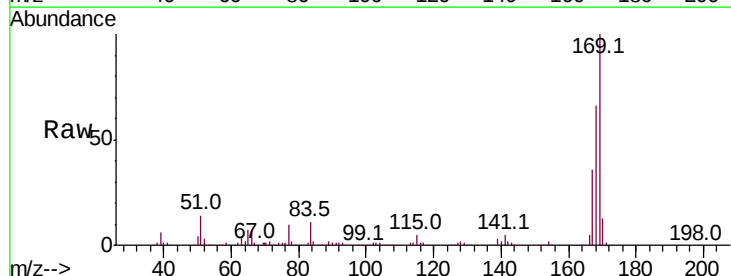


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

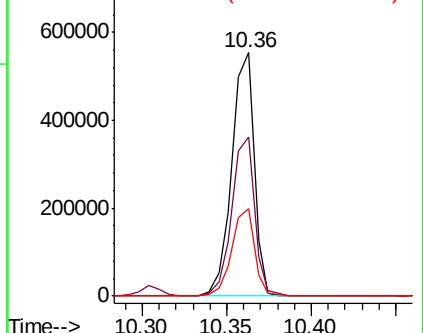
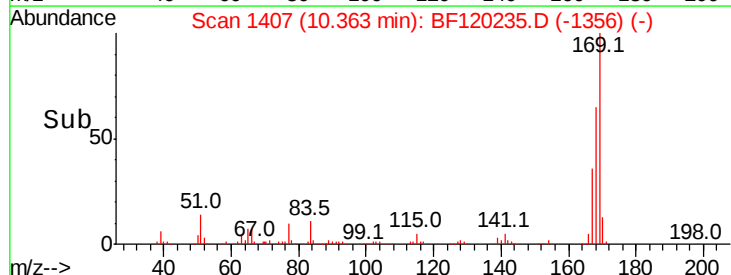


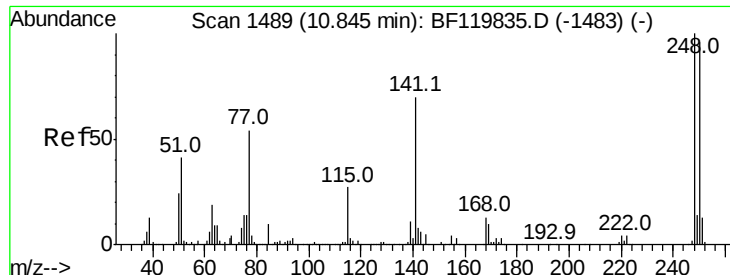
#66
 n-Nitrosodiphenylamine
 Concen: 43.586 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:169 Resp: 510163
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.2 79.8
 167 35.9 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

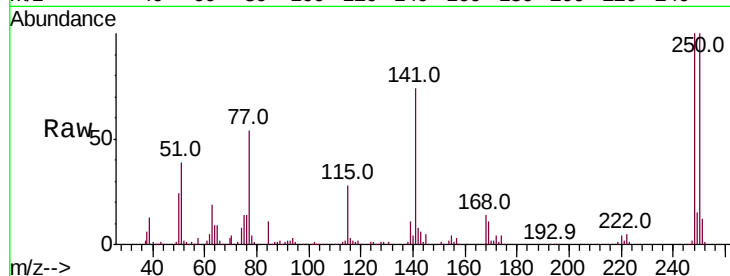




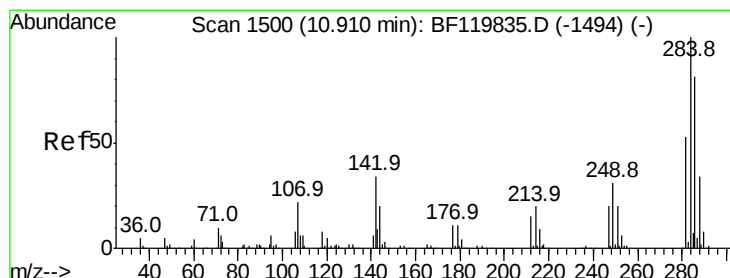
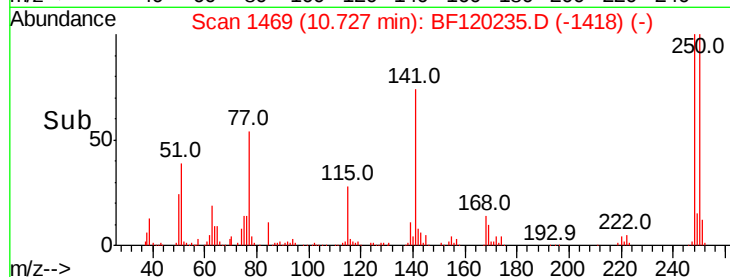
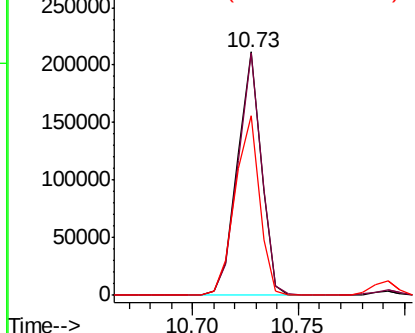
#67
4-Bromophenyl-phenylether
Concen: 37.770 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion:248 Resp: 165313
Ion Ratio Lower Upper
248 100
250 99.6 77.3 115.9
141 73.5 58.6 87.8

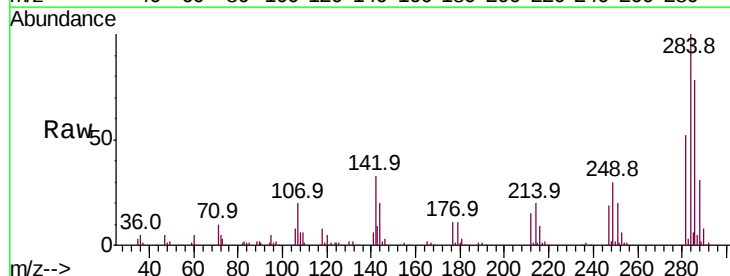


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

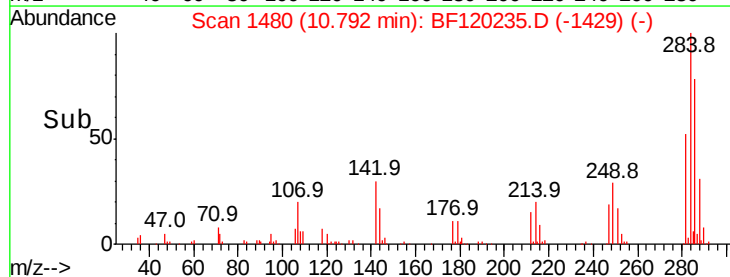
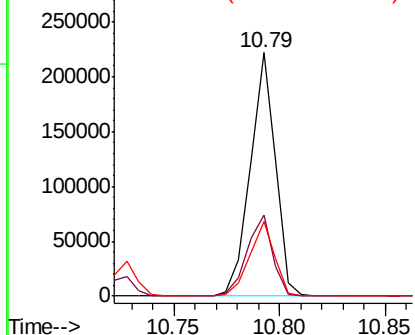


#68
Hexachlorobenzene
Concen: 41.482 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:284 Resp: 184183
Ion Ratio Lower Upper
284 100
142 33.4 29.2 43.8
249 30.4 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

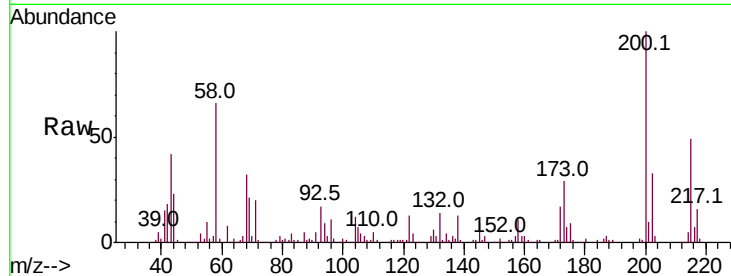




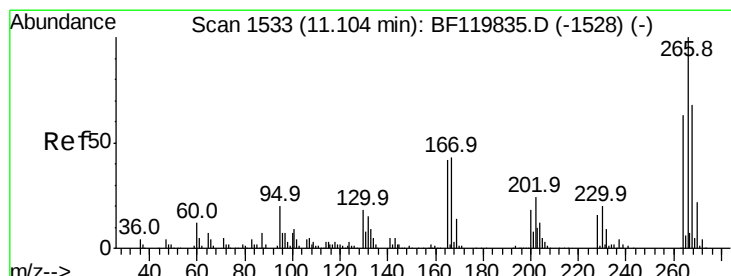
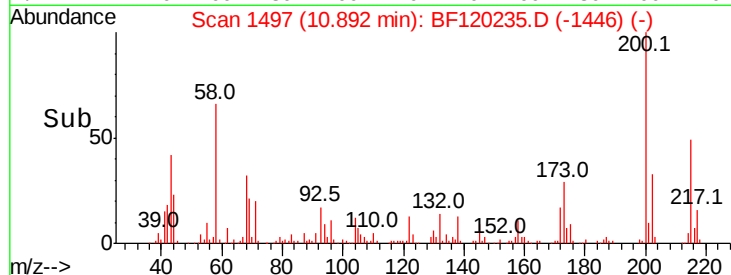
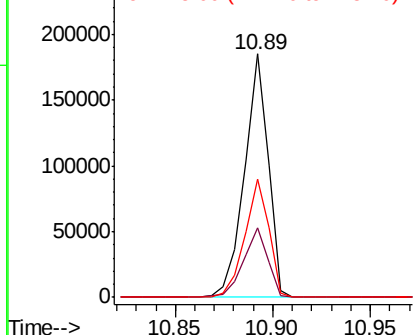
#69
Atrazine
Concen: 47.961 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Instrument :
BNA_F
ClientSampleId :
PB128568BS

Tot Ion:200 Resp: 156192
Ion Ratio Lower Upper
200 100
173 28.8 9.3 49.3
215 48.5 29.5 69.5

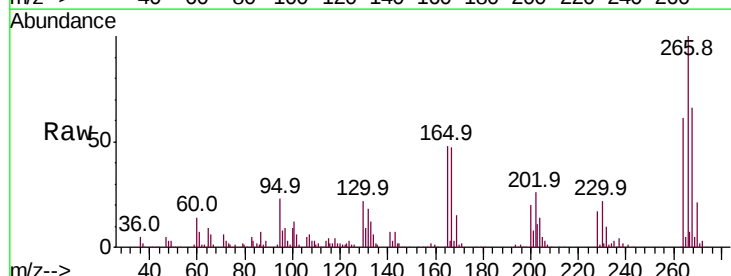


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

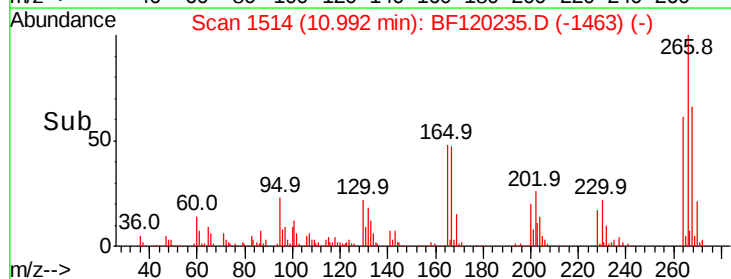
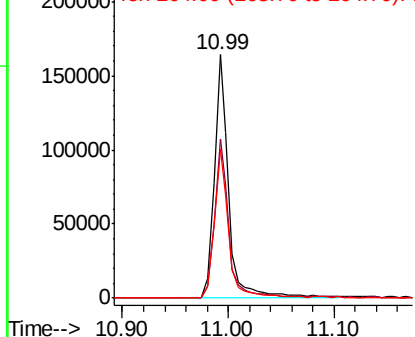


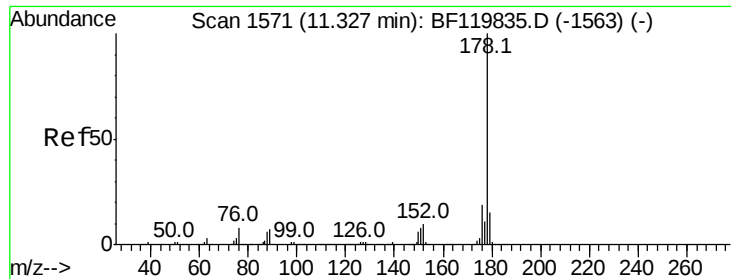
#70
Pentachlorophenol
Concen: 62.143 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:266 Resp: 159007
Ion Ratio Lower Upper
266 100
268 65.6 53.3 79.9
264 61.1 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: 44.739 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

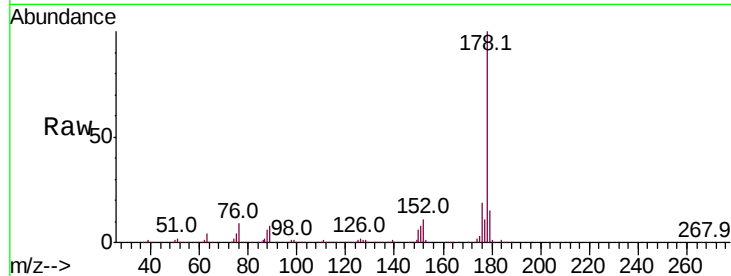
Tot Ion:178 Resp: 838008

Ion Ratio Lower Upper

178 100

176 19.0 16.2 24.4

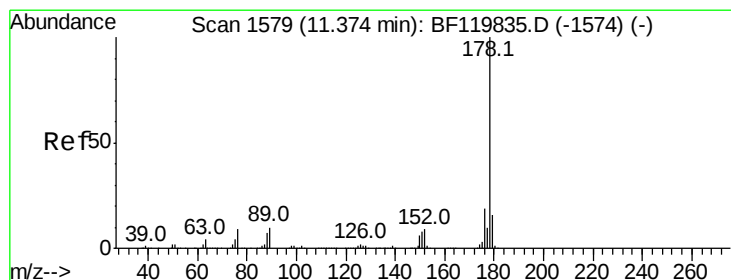
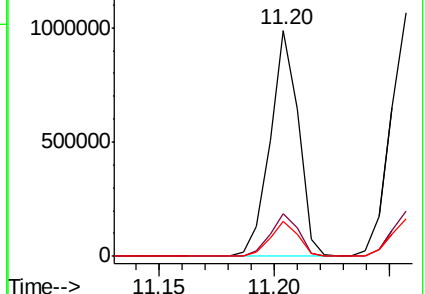
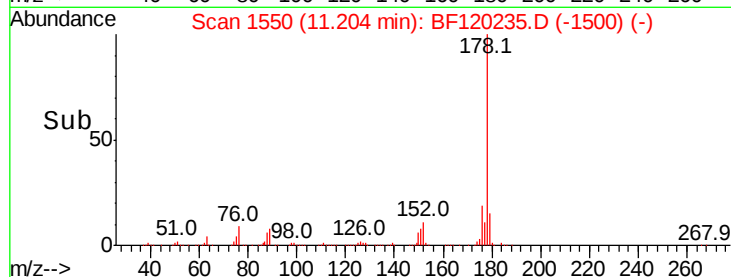
179 15.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.948 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

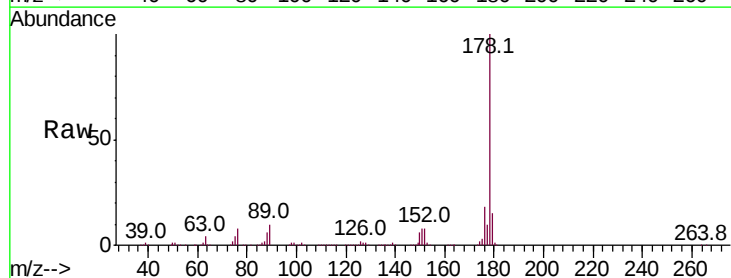
Tgt Ion:178 Resp: 879209

Ion Ratio Lower Upper

178 100

176 18.5 16.1 24.1

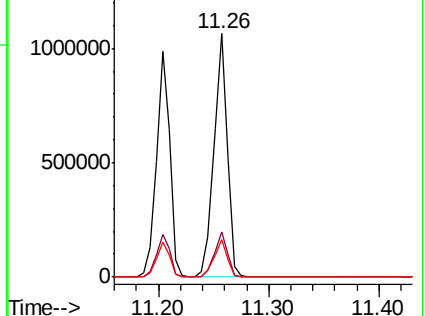
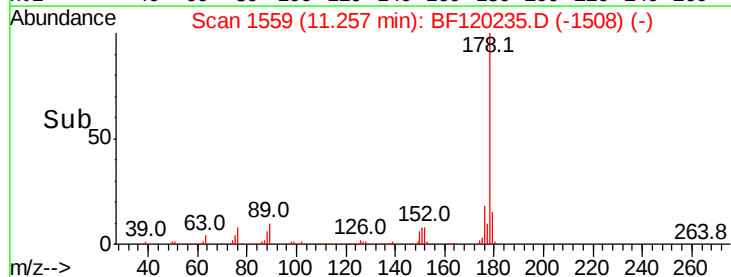
179 15.3 13.0 19.4

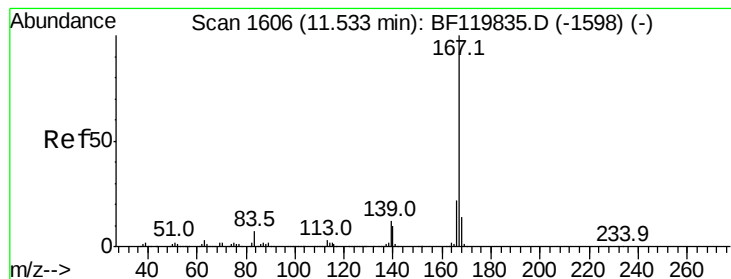


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.540 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

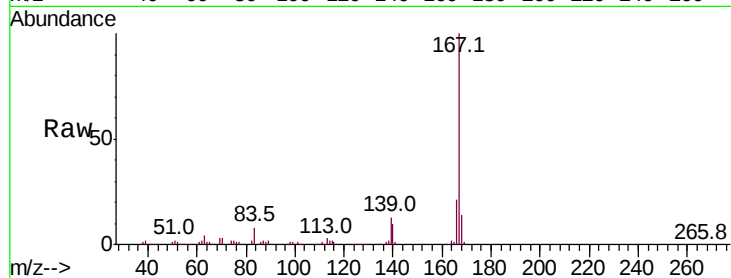
Tot Ion:167 Resp: 805965

Ion Ratio Lower Upper

167 100

166 21.2 18.2 27.4

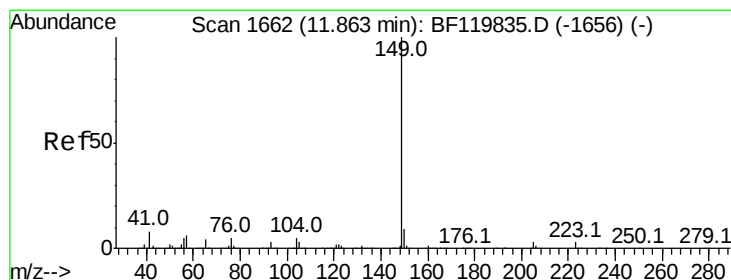
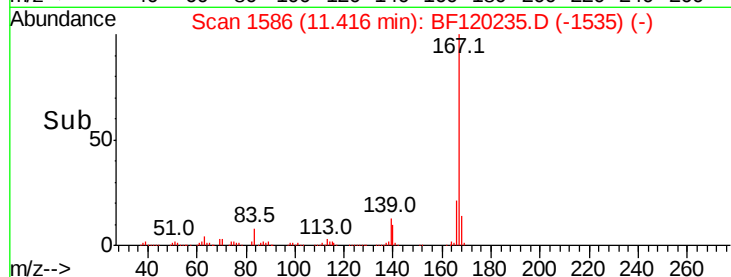
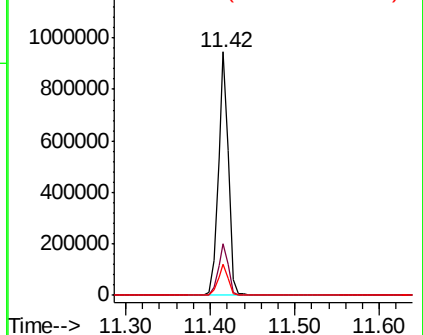
139 12.8 10.7 16.1



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: 42.053 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

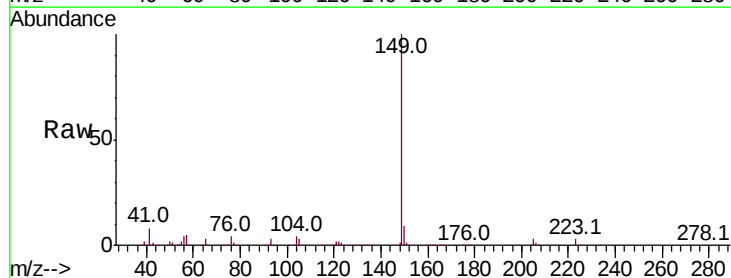
Tgt Ion:149 Resp: 1000357

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

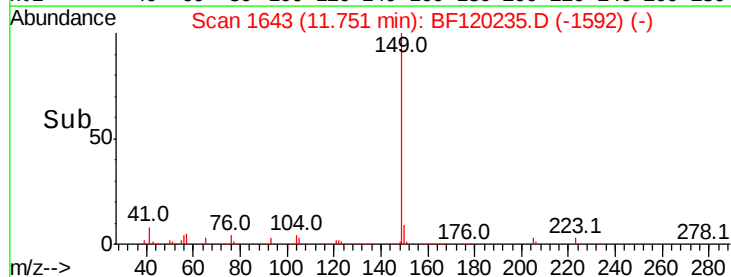
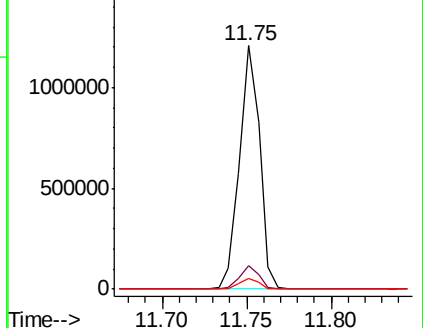
104 4.4 3.6 5.4

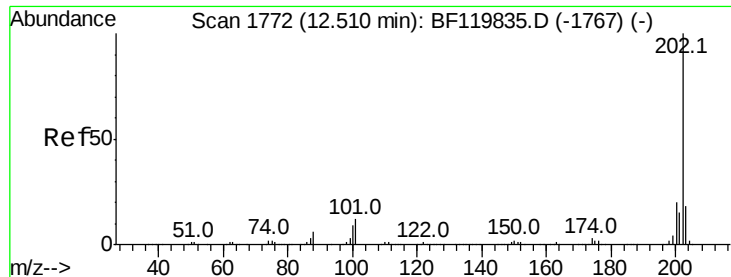


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

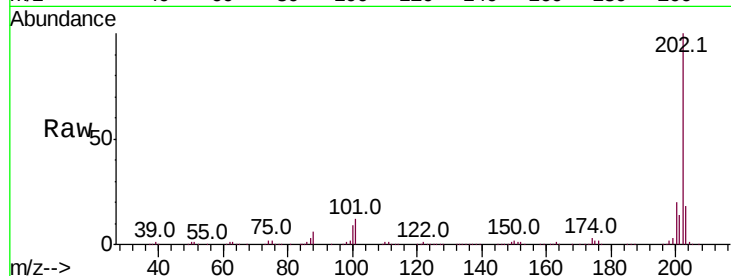




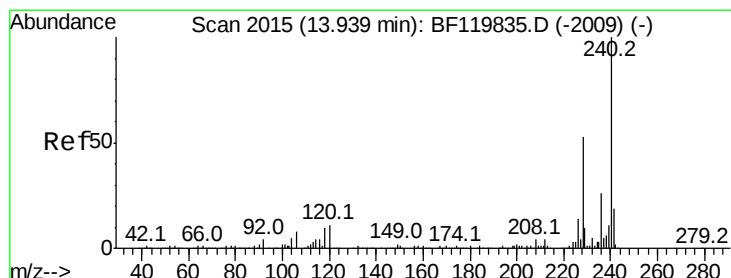
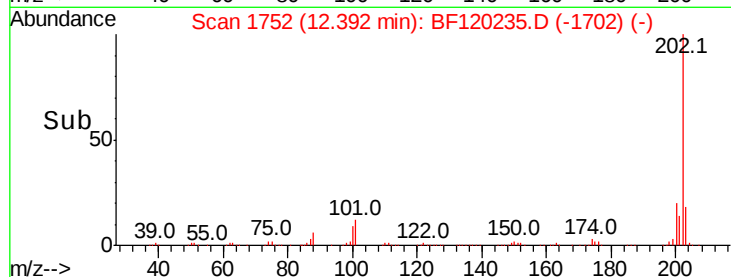
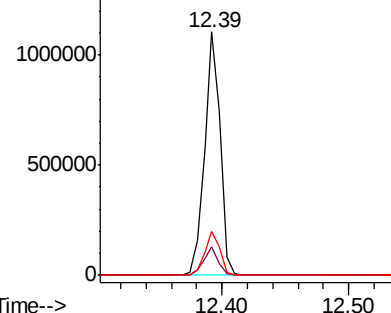
#75
 Fluoranthene
 Concen: 47.358 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Instrument :
 BNA_F
 ClientSampled :
 PB128568BS

Tot Ion:	202	Resp:	957135
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.2
203	17.9	0.0	38.8

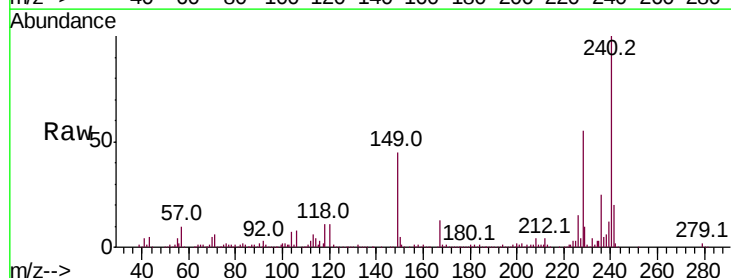


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

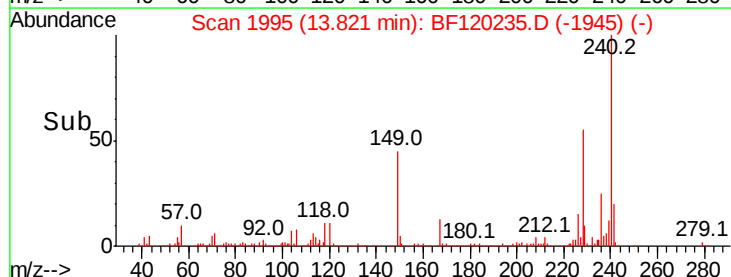
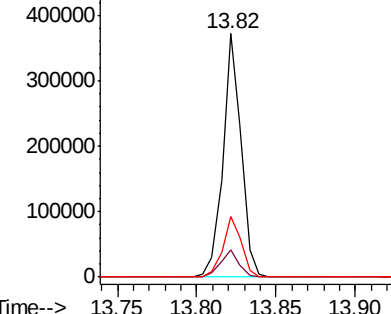


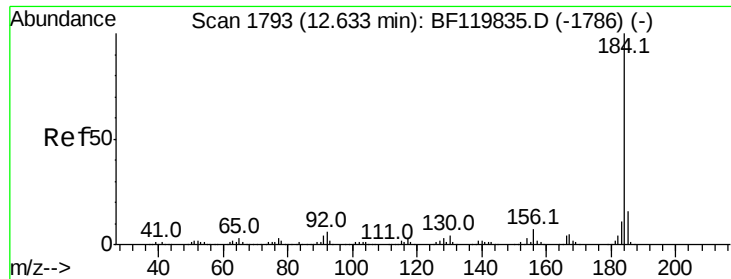
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:	240	Resp:	295849
Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.6	15.8
236	24.8	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

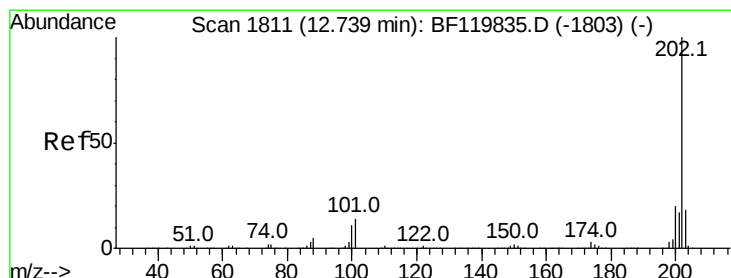
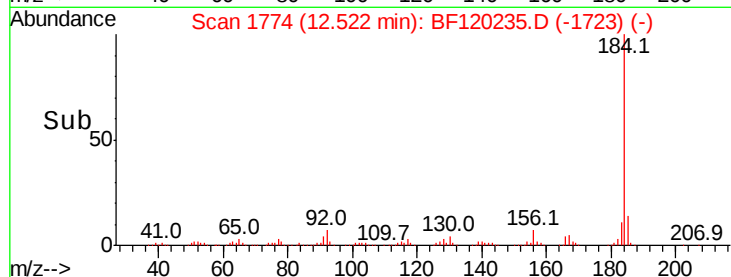
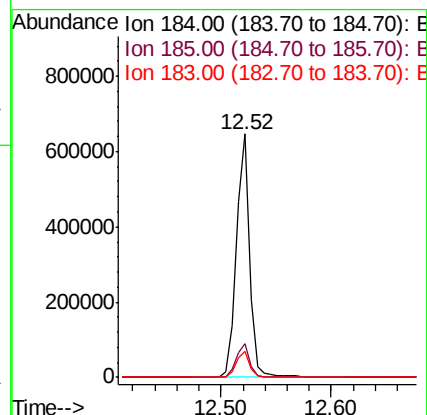
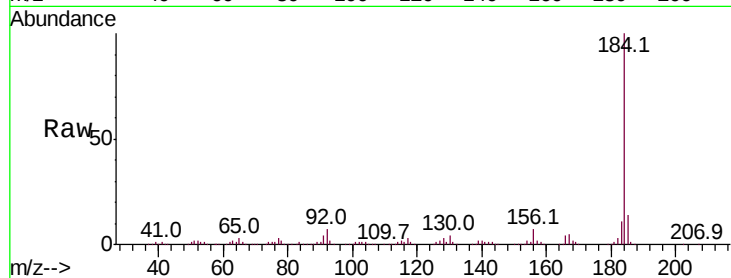




#77
Benzidine
Concen: 54.669 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

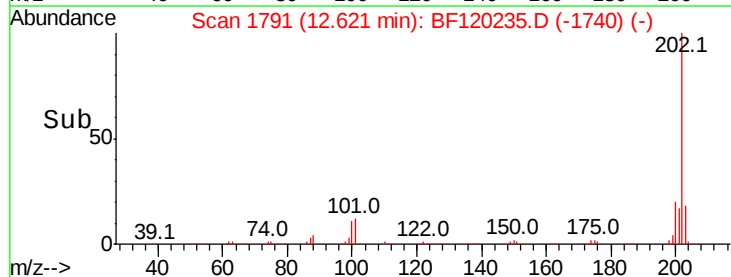
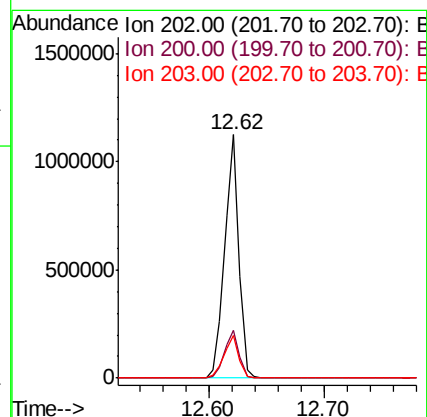
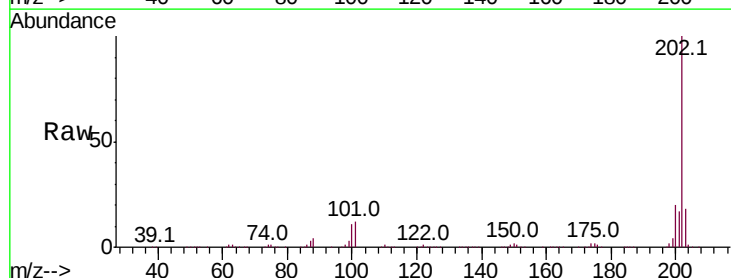
Instrument :
BNA_F
ClientSampleId :
PB128568BS

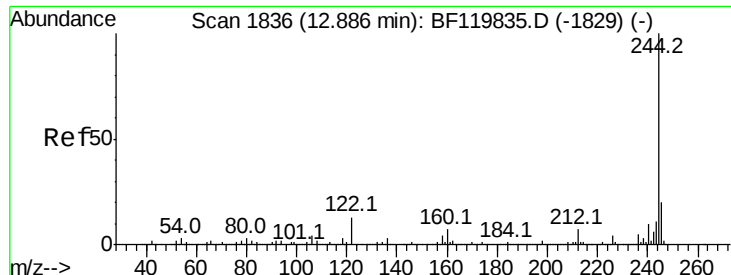
Tot Ion:184 Resp: 546718
Ion Ratio Lower Upper
184 100
185 13.6 12.3 18.5
183 10.8 9.0 13.6



#78
Pyrene
Concen: 38.332 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion:202 Resp: 956027
Ion Ratio Lower Upper
202 100
200 19.9 16.8 25.2
203 17.5 15.1 22.7





#79

Terphenyl-d14

Concen: 70.607 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

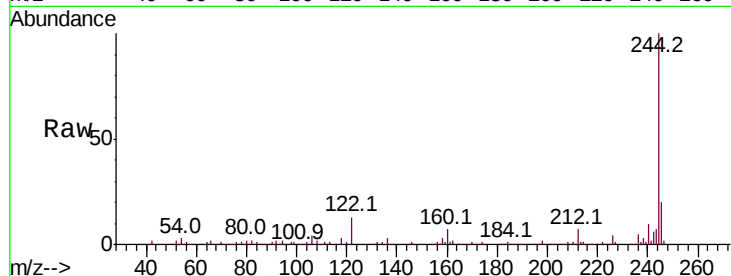
Tot Ion:244 Resp: 1241430

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

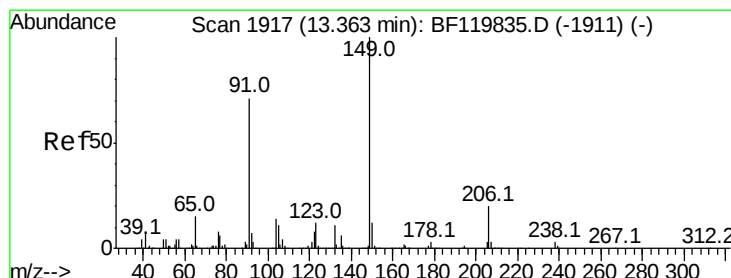
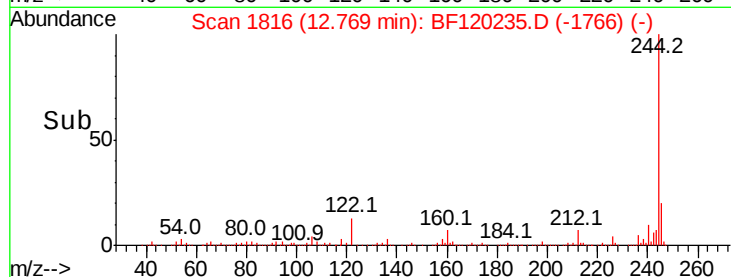
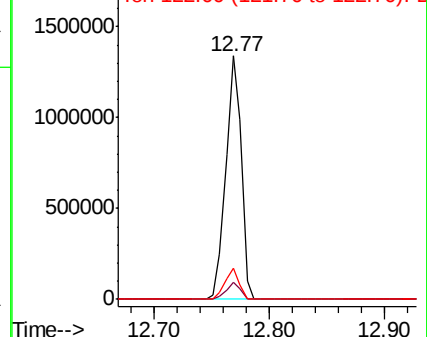
122 13.0 10.3 15.5



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: 37.472 ng

RT: 13.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

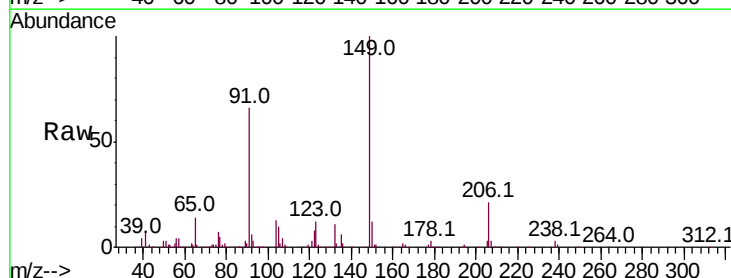
Tgt Ion:149 Resp: 453494

Ion Ratio Lower Upper

149 100

91 66.1 54.7 82.1

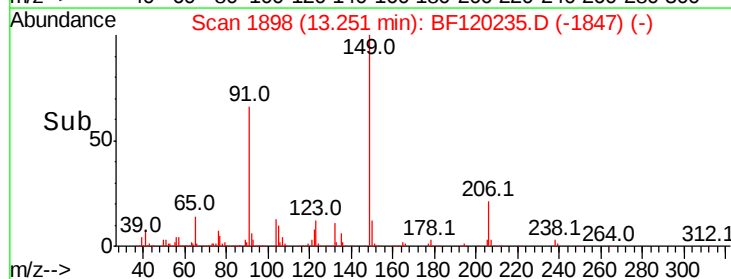
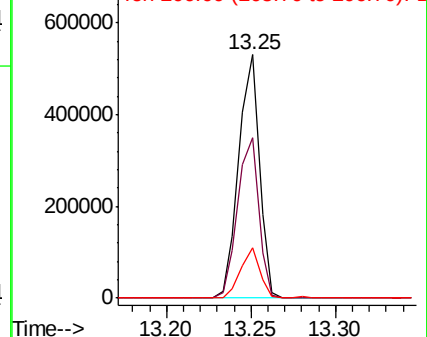
206 20.6 16.2 24.2



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: 43.508 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

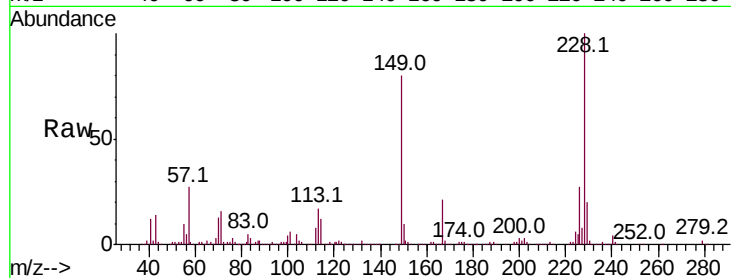
Tot Ion:228 Resp: 846792

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

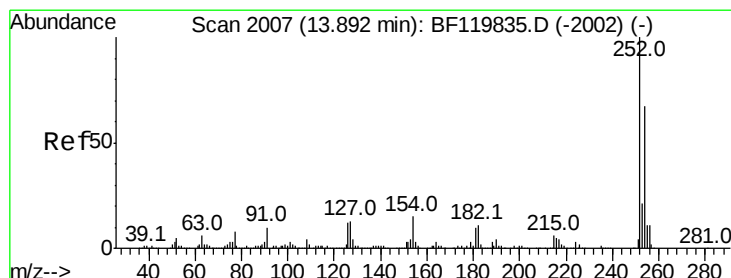
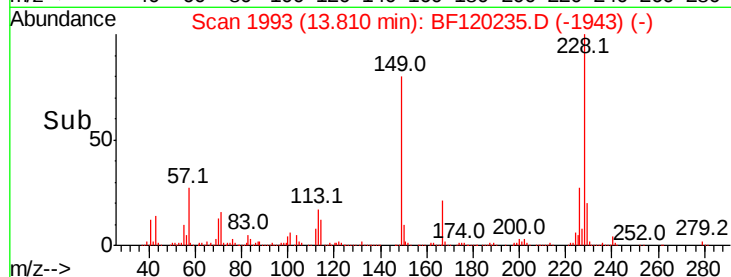
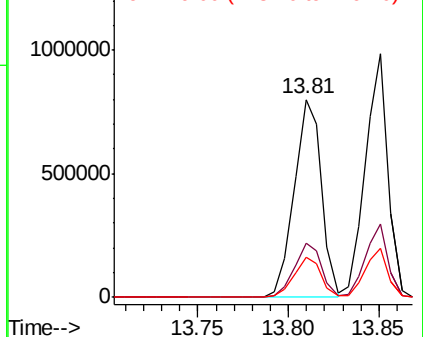
229 20.0 16.2 24.4



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: 28.088 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

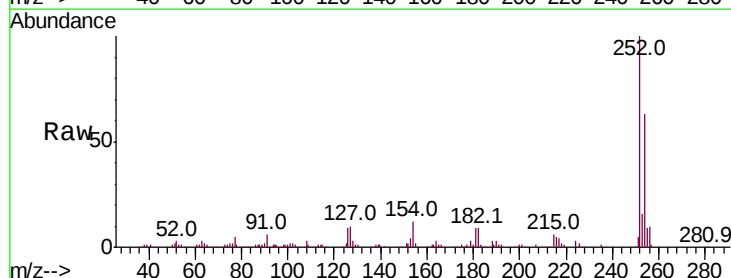
Tgt Ion:252 Resp: 203974

Ion Ratio Lower Upper

252 100

254 62.9 51.2 76.8

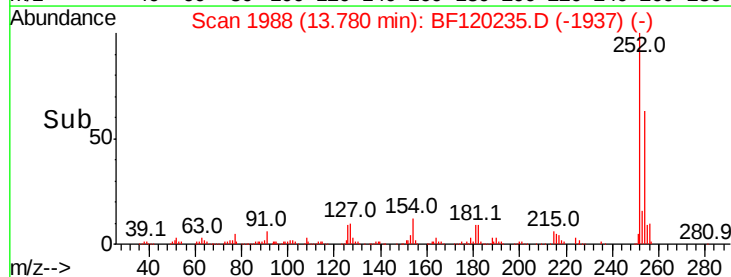
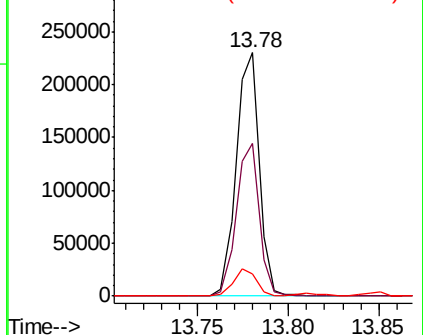
126 9.1 9.6 14.4#

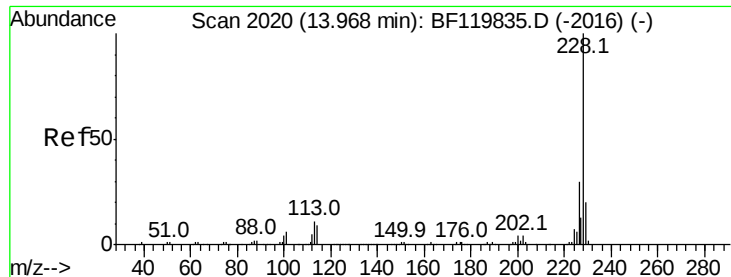


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.275 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

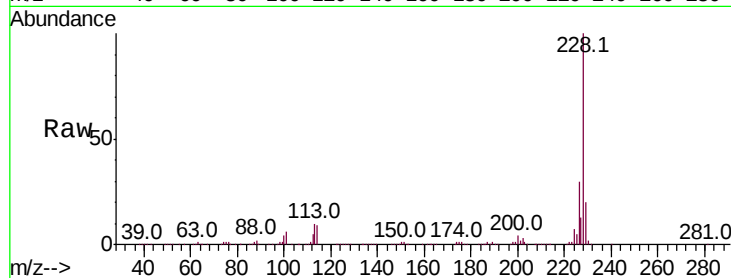
Tot Ion:228 Resp: 855809

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.0

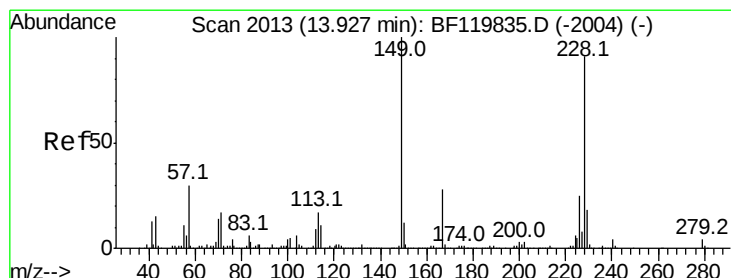
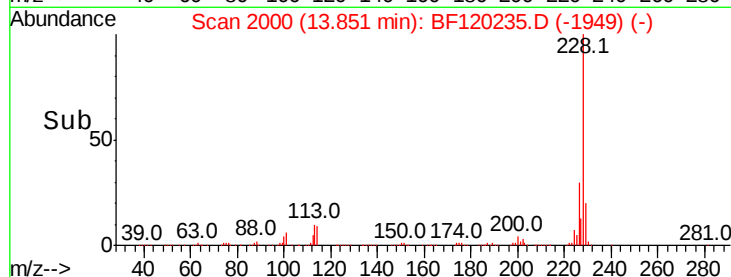
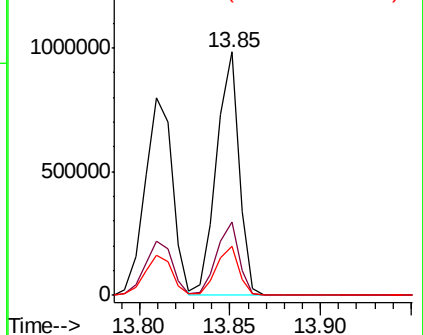
229 20.3 16.6 24.8



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: 37.124 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

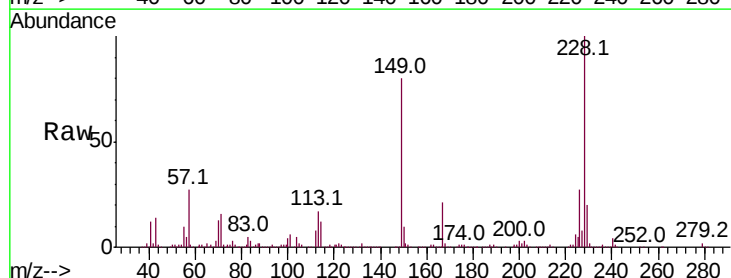
Tgt Ion:149 Resp: 608406

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

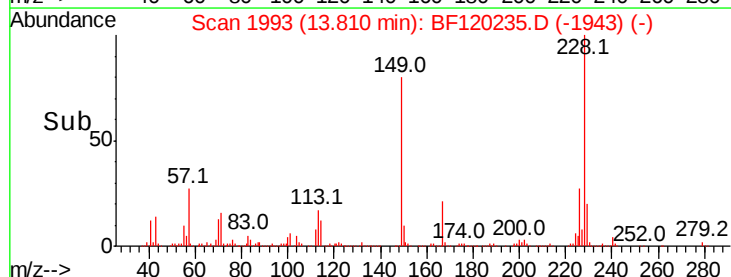
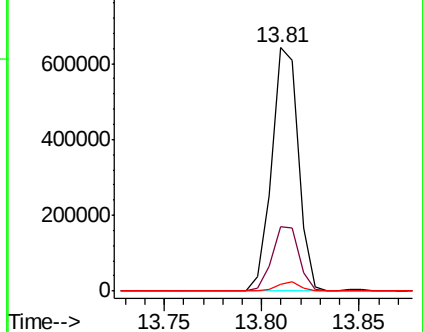
279 2.9 2.7 4.1

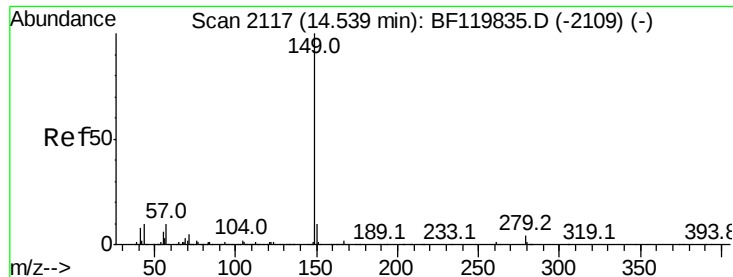


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.393 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

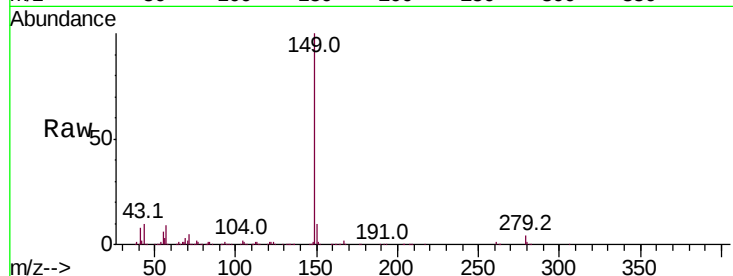
Tot Ion:149 Resp: 1099241

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

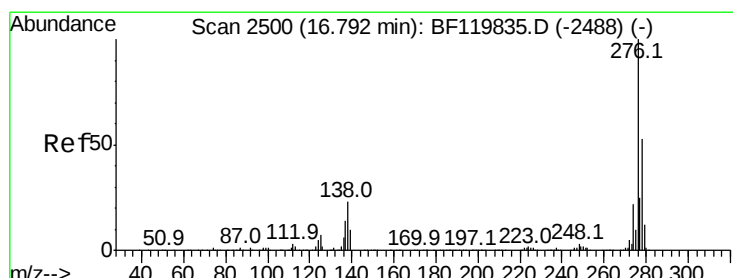
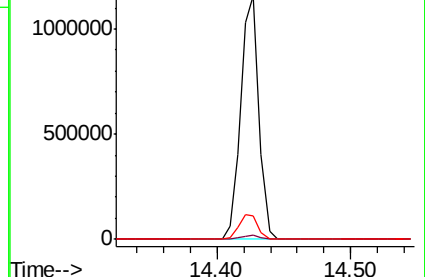
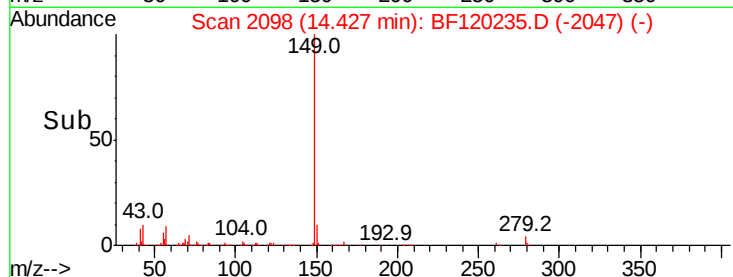
43 10.6 9.3 13.9



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: 56.318 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

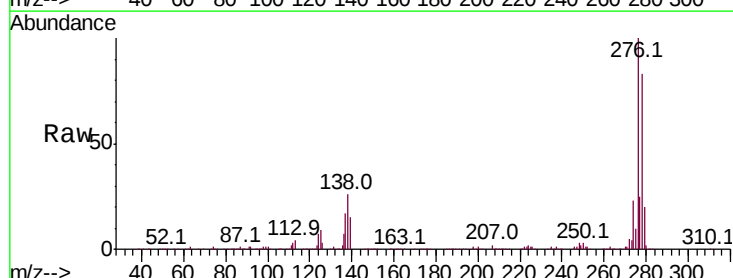
Tgt Ion:276 Resp: 981746

Ion Ratio Lower Upper

276 100

138 25.5 19.6 29.4

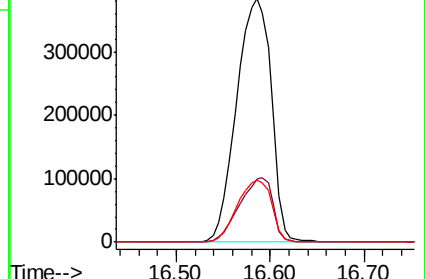
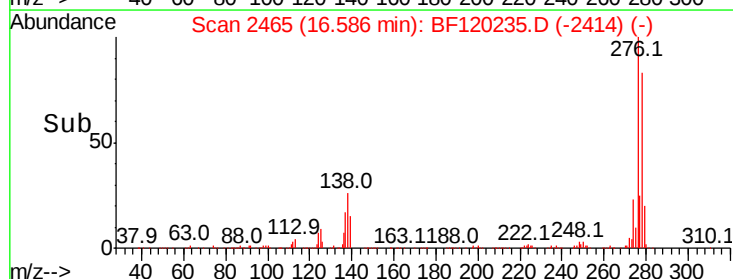
277 25.2 20.0 30.0

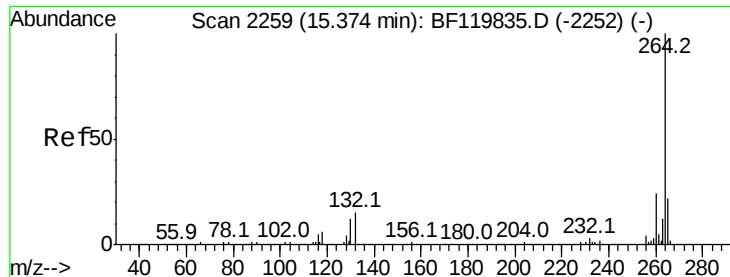


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

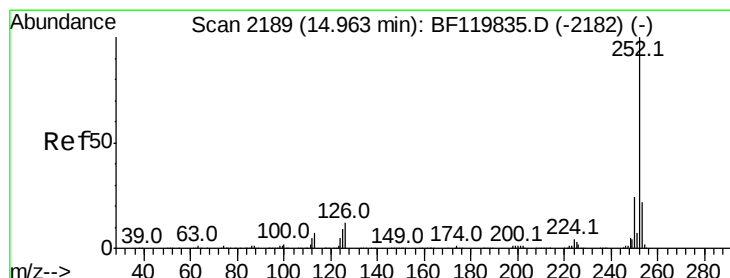
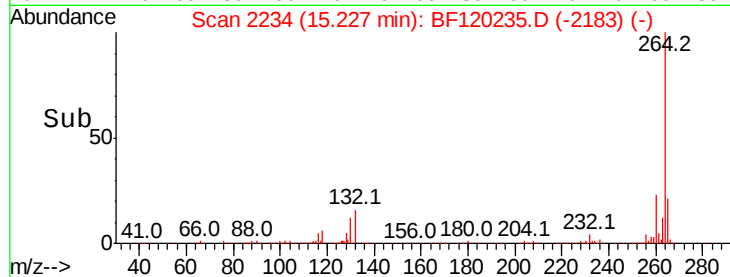
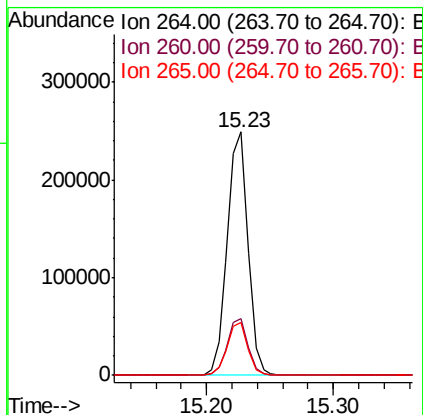
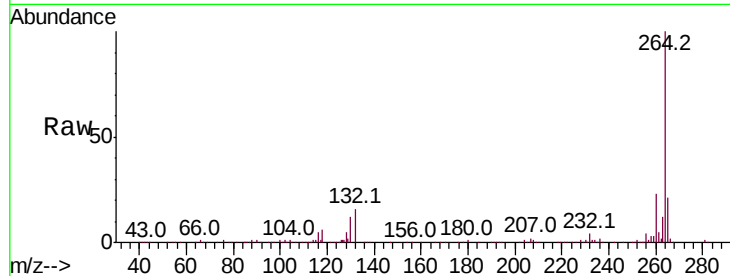




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

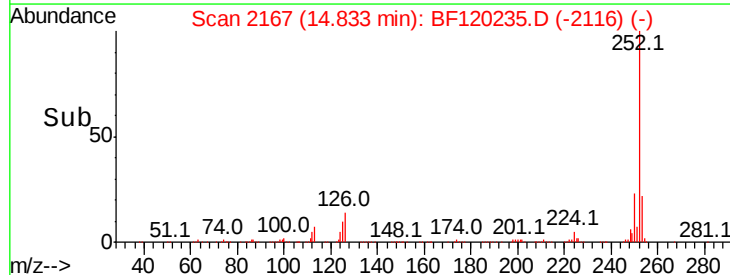
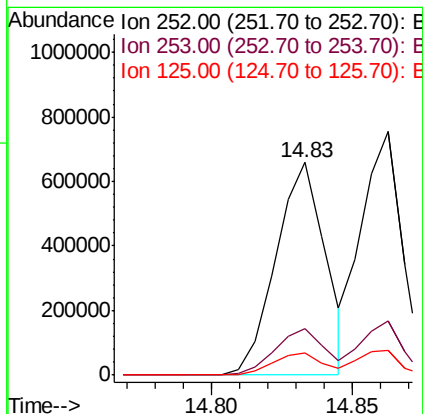
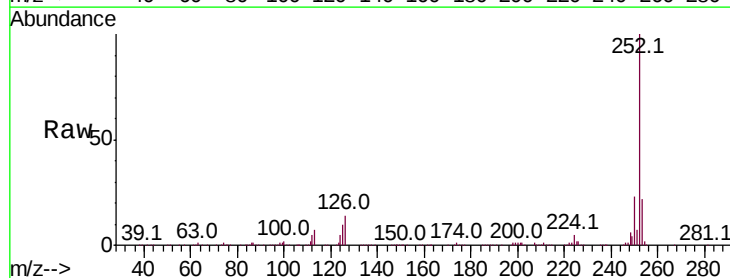
Instrument :
 BNA_F
 ClientSampleId :
 PB128568BS

Tot Ion:264 Resp: 281687
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.5 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 39.554 ng
 RT: 14.83 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BF120235.D
 Acq: 30 Apr 2020 13:02

Tgt Ion:252 Resp: 801524
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 10.2 7.9 11.9

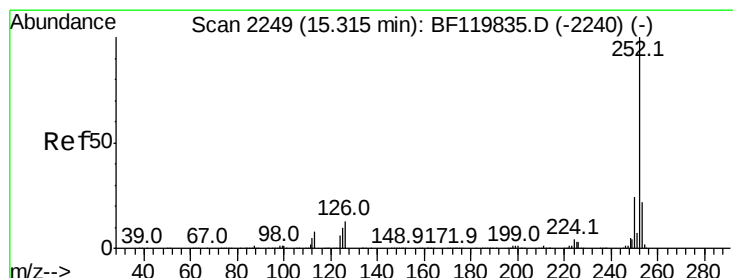
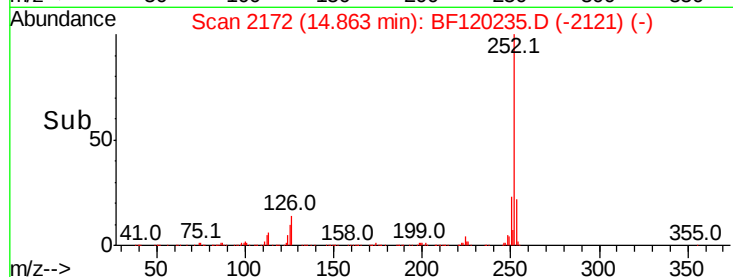
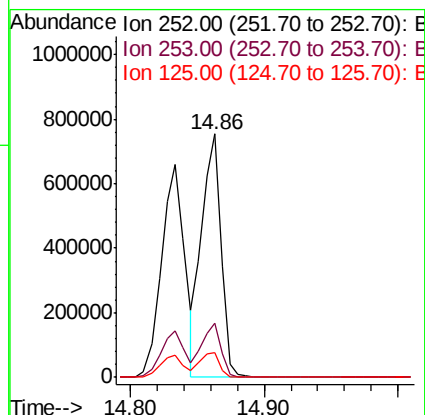
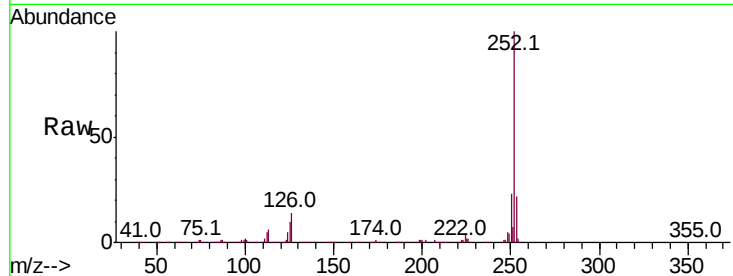




#89
Benzo(k)fluoranthene
Concen: 43.240 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

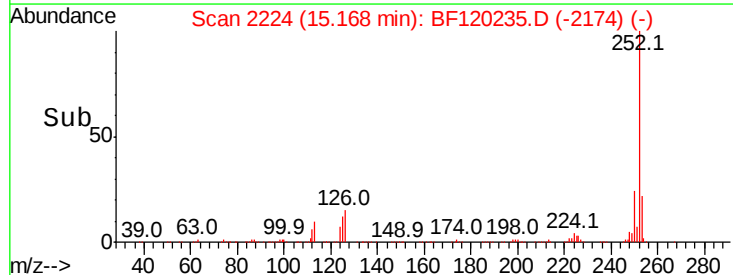
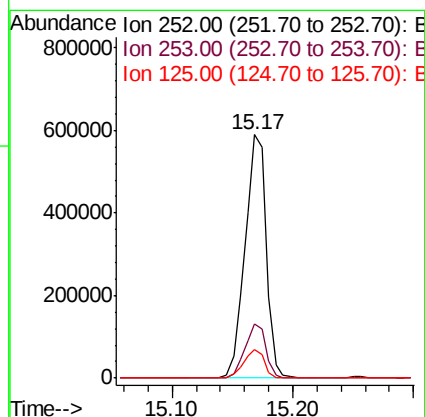
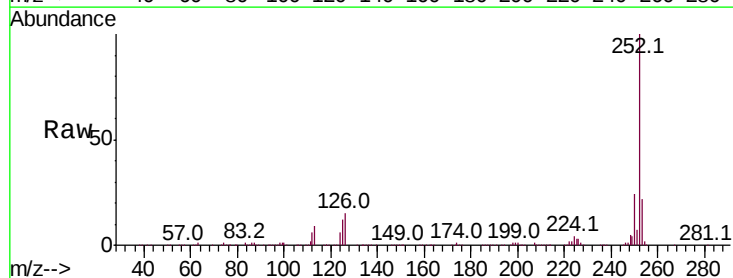
Instrument :
BNA_F
ClientSampleId :
PB128568BS

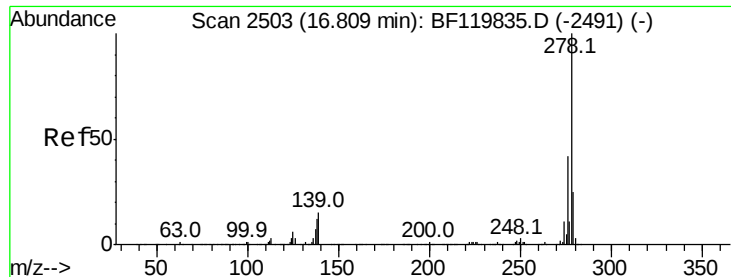
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.2	8.4	12.6



#90
Benzo(a)pyrene
Concen: 42.825 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF120235.D
Acq: 30 Apr 2020 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.8	9.4	14.2





#91

Dibenzo(a,h)anthracene

Concen: 54.475 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

Instrument :

BNA_F

ClientSampleId :

PB128568BS

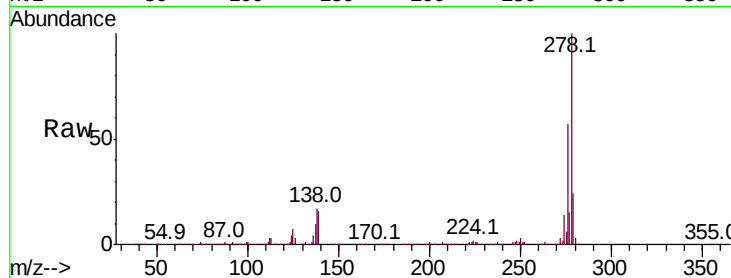
Tot Ion:278 Resp: 822134

Ion Ratio Lower Upper

278 100

139 16.2 12.6 19.0

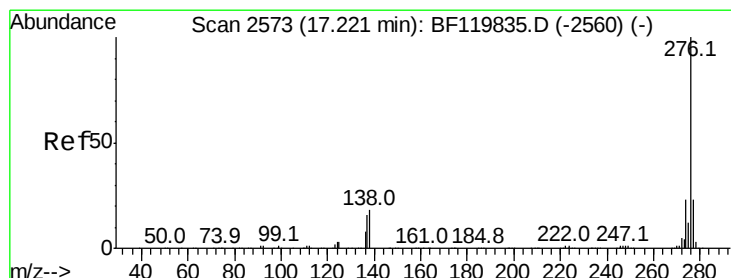
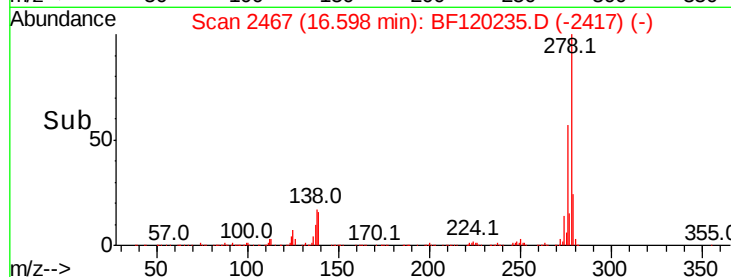
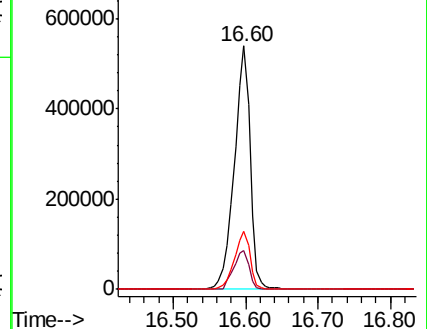
279 23.7 19.0 28.6



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: 55.093 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF120235.D

Acq: 30 Apr 2020 13:02

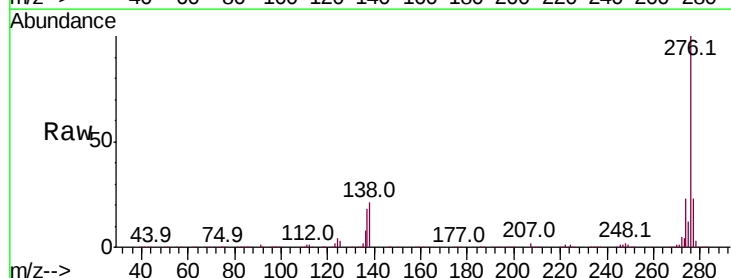
Tgt Ion:276 Resp: 820737

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 20.6 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

