

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120163.D
 Acq On : 23 Apr 2020 15:09
 Operator : MA/SJ
 Sample : PB128358BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Quant Time: Apr 23 15:40:08 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 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	138551	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	541332	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	286414	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	557393	20.00	ng	0.00
76) Chrysene-d12	13.83	240	407710	20.00	ng	0.00
87) Perylene-d12	15.23	264	365663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1022534	127.54	ng	0.01
7) Phenol-d6	6.31	99	1338295	129.55	ng	0.00
23) Nitrobenzene-d5	7.23	82	828134	79.14	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	369782	105.45	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1668114	82.69	ng	0.00
79) Terphenyl-d14	12.78	244	1862905	76.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	139183	38.978	ng	96
3) Pyridine	3.02	79	372772	38.049	ng	98
4) n-Nitrosodimethylamine	2.97	42	208697	41.692	ng	98
6) Aniline	6.33	93	476784	35.164	ng	# 43
8) 2-Chlorophenol	6.45	128	427747	47.752	ng	97
9) Benzaldehyde	6.21	77	170582	26.426	ng	97
10) Phenol	6.32	94	547076	46.679	ng	# 69
11) bis(2-Chloroethyl)ether	6.40	93	397972	43.979	ng	98
12) 1,3-Dichlorobenzene	6.60	146	425685	43.407	ng	97
13) 1,4-Dichlorobenzene	6.68	146	439045	43.949	ng	98
14) 1,2-Dichlorobenzene	6.83	146	410155	44.550	ng	99
15) Benzyl Alcohol	6.82	79	347618	43.324	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	701770	39.853	ng	94
17) 2-Methylphenol	6.93	107	352070	44.041	ng	96
18) Hexachloroethane	7.17	117	164874	44.161	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	298202	44.890	ng	97
20) 3+4-Methylphenols	7.09	107	442428	45.252	ng	95
22) Acetophenone	7.08	105	573705	45.258	ng	# 93
24) Nitrobenzene	7.25	77	446300	42.399	ng	98
25) Isophorone	7.49	82	835680	41.429	ng	98
26) 2-Nitrophenol	7.57	139	232716	44.252	ng	92
27) 2,4-Dimethylphenol	7.62	122	361836	45.621	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	520872	43.883	ng	99
29) 2,4-Dichlorophenol	7.82	162	358826	44.137	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	378932	41.135	ng	98
31) Naphthalene	7.97	128	1222182	42.912	ng	98
32) Benzoic acid	7.76	122	276989	39.764	ng	99
33) 4-Chloroaniline	8.02	127	249423	20.116	ng	99
34) Hexachlorobutadiene	8.09	225	218051	39.543	ng	97
35) Caprolactam	8.40	113	55928	22.489	ng	95
36) 4-Chloro-3-methylphenol	8.52	107	396835	45.085	ng	96
37) 2-Methylnaphthalene	8.66	142	833902	43.187	ng	98
38) 1-Methylnaphthalene	8.76	142	792889	43.566	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	373645	41.304	ng	100

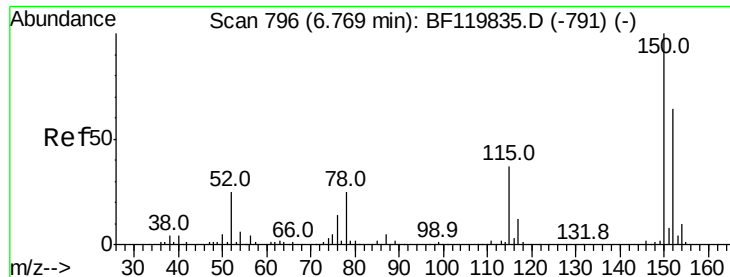
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	400203	77.800	ng	98
43) 2,4,6-Trichlorophenol	8.95	196	260853	41.758	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	284043	40.371	ng	94
46) 1,1'-Biphenyl	9.13	154	1009373	41.753	ng	99
47) 2-Chloronaphthalene	9.15	162	785099	42.157	ng	100
48) 2-Nitroaniline	9.25	65	279761	41.454	ng	98
49) Acenaphthylene	9.57	152	1254828	44.305	ng	97
50) Dimethylphthalate	9.44	163	936200	42.259	ng	99
51) 2,6-Dinitrotoluene	9.50	165	207832	42.841	ng	95
52) Acenaphthene	9.74	154	736893	39.004	ng	97
53) 3-Nitroaniline	9.66	138	141117	25.469	ng	98
54) 2,4-Dinitrophenol	9.78	184	240000	82.631	ng	97
55) Dibenzofuran	9.91	168	1120836	43.233	ng	99
56) 4-Nitrophenol	9.85	139	318408	77.236	ng	96
57) 2,4-Dinitrotoluene	9.90	165	267211	41.806	ng	93
58) Fluorene	10.26	166	904332	43.616	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	236510	43.952	ng	98
60) Diethylphthalate	10.14	149	976462	42.527	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	431698	40.623	ng	97
62) 4-Nitroaniline	10.29	138	224366	42.491	ng	99
63) Azobenzene	10.41	77	923465	44.878	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	162902	44.361	ng	96
66) n-Nitrosodiphenylamine	10.37	169	815003	43.965	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	270815	39.069	ng	97
68) Hexachlorobenzene	10.80	284	286528	40.746	ng	# 92
69) Atrazine	10.90	200	250563	48.581	ng	99
70) Pentachlorophenol	11.00	266	281423	69.446	ng	98
71) Phenanthrene	11.22	178	1286549	43.369	ng	98
72) Anthracene	11.27	178	1344038	44.351	ng	98
73) Carbazole	11.42	167	1224613	42.732	ng	98
74) Di-n-butylphthalate	11.76	149	1590013	42.205	ng	100
75) Fluoranthene	12.40	202	1425865	44.547	ng	99
77) Benzidine	12.53	184	777942	56.447	ng	98
78) Pyrene	12.63	202	1412810	41.105	ng	98
80) Butylbenzylphthalate	13.26	149	660379	39.596	ng	97
81) Benzo(a)anthracene	13.82	228	1145174	42.696	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	244961	24.477	ng	98
83) Chrysene	13.86	228	1161862	42.632	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	891446	39.470	ng	100
85) Di-n-octyl phthalate	14.43	149	1564194	40.676	ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	972719	40.490	ng	99
88) Benzo(b)fluoranthene	14.84	252	1150748	43.746	ng	99
89) Benzo(k)fluoranthene	14.86	252	967582	42.632	ng	98
90) Benzo(a)pyrene	15.17	252	940929	42.543	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	815587	41.630	ng	100
92) Benzo(g,h,i)perylene	16.99	276	784169	40.550	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

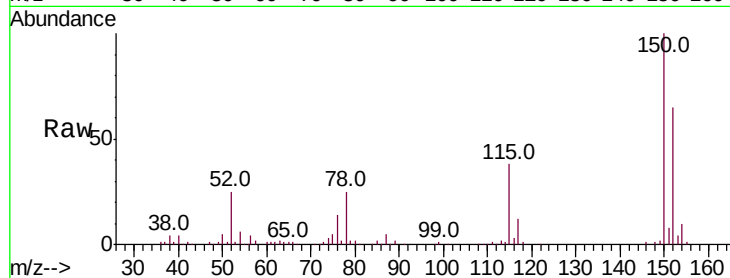
Tot Ion:152 Resp: 138551

Ion Ratio Lower Upper

152 100

150 155.0 124.5 186.7

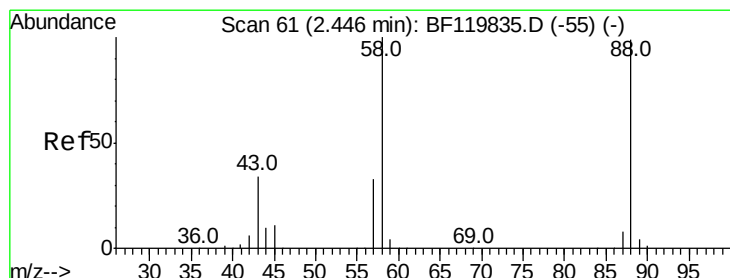
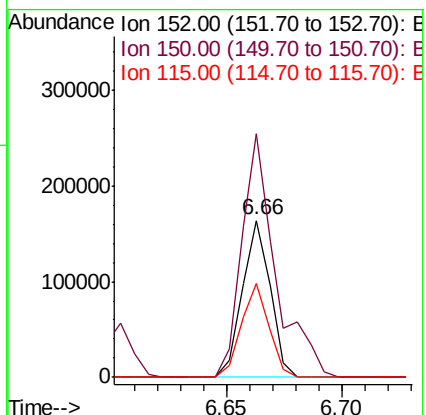
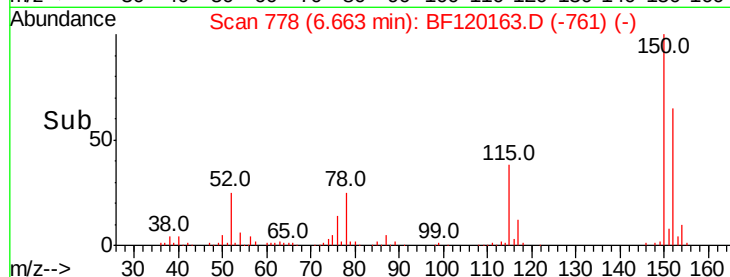
115 59.5 49.6 74.4



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: 38.978 ng

RT: 2.35 min Scan# 44

Delta R.T. 0.08 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

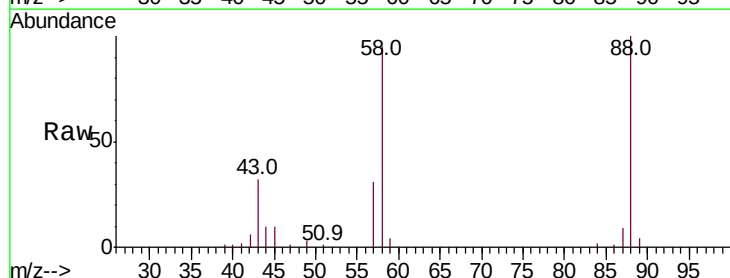
Tgt Ion: 88 Resp: 139183

Ion Ratio Lower Upper

88 100

58 95.1 80.6 121.0

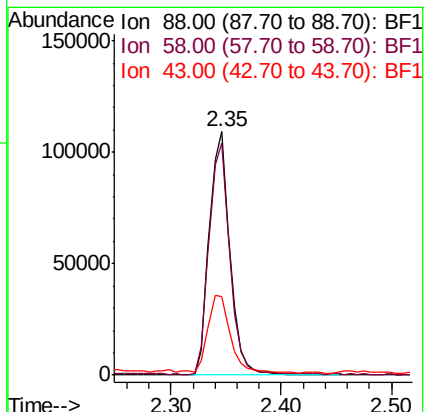
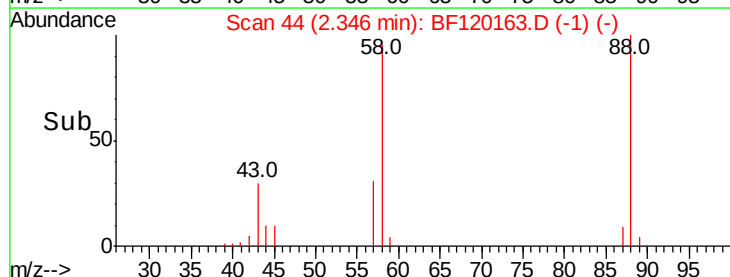
43 34.7 27.5 41.3

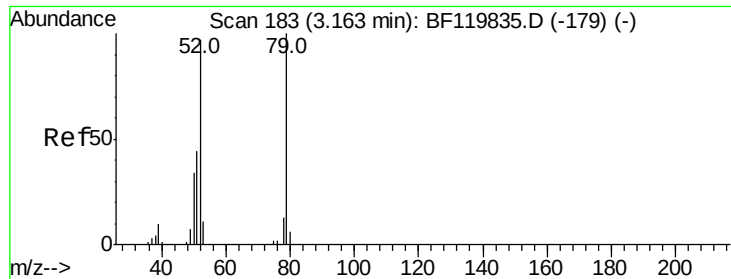


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



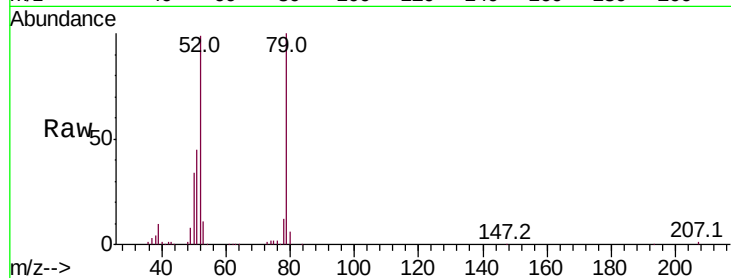


#3
 Pvridine
 Concen: 38.049 ng
 RT: 3.02 min Scan# 158
 Delta R.T. 0.07 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

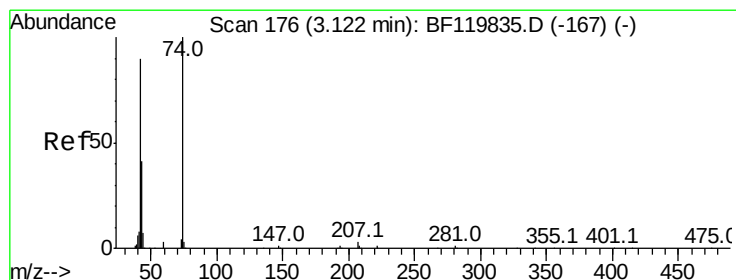
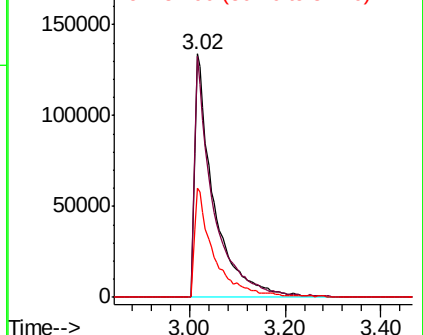
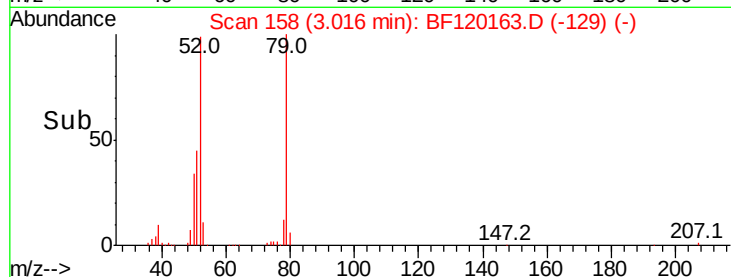
Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion: 79 Resp: 372772

Ion	Ratio	Lower	Upper
79	100		
52	98.8	80.2	120.2
51	44.8	37.7	56.5



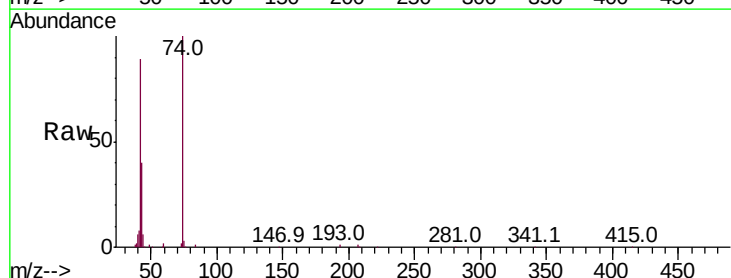
Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1



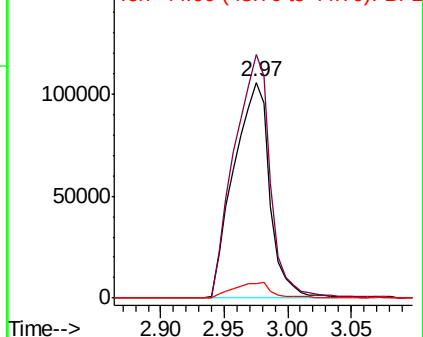
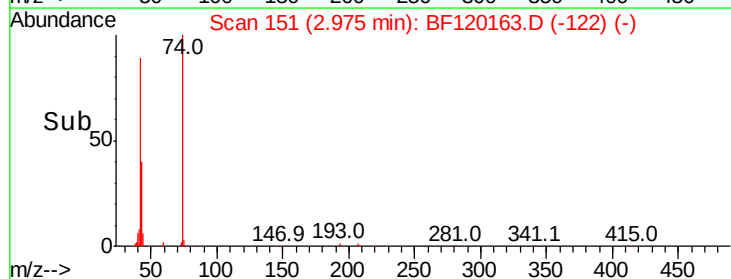
#4
 n-Nitrosodimethylamine
 Concen: 41.692 ng
 RT: 2.97 min Scan# 151
 Delta R.T. 0.07 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

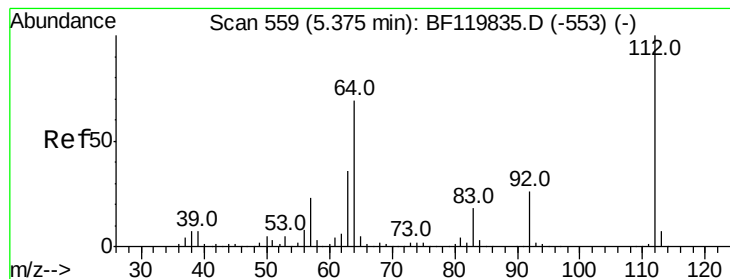
Tgt Ion: 42 Resp: 208697

Ion	Ratio	Lower	Upper
42	100		
74	112.7	91.5	137.3
44	6.7	6.2	9.4



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





#5

2-Fluorophenol

Concen: 127.543 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

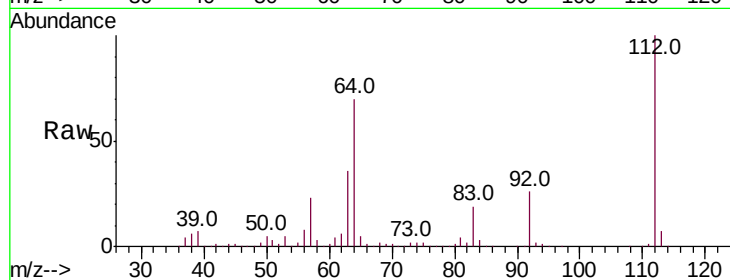
Tot Ion:112 Resp: 1022534

Ion Ratio Lower Upper

112 100

64 69.5 56.7 85.1

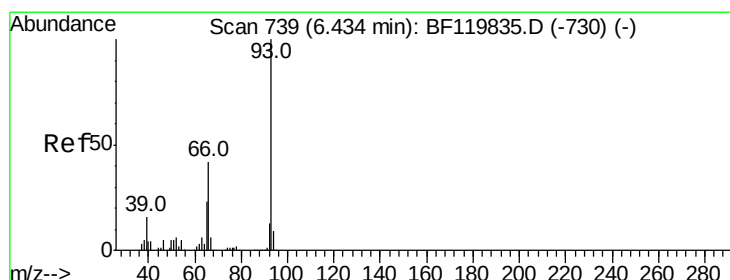
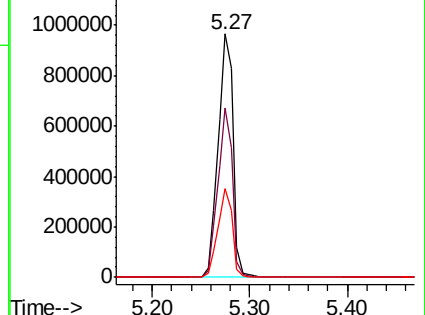
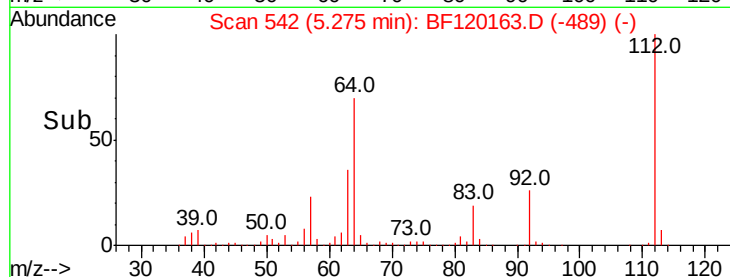
63 36.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.164 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

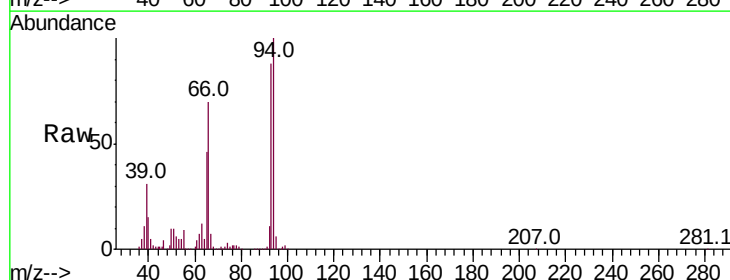
Tgt Ion: 93 Resp: 476784

Ion Ratio Lower Upper

93 100

66 80.0 34.9 52.3#

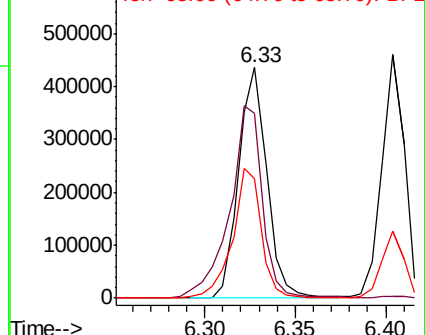
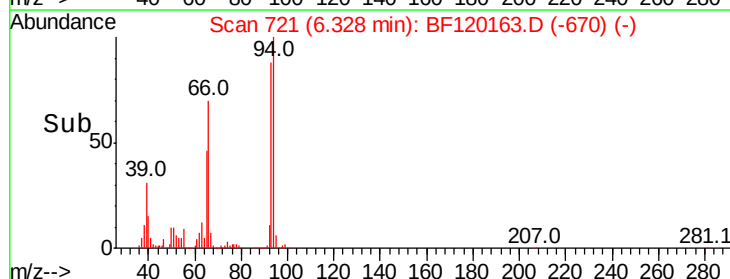
65 51.7 18.6 27.8#

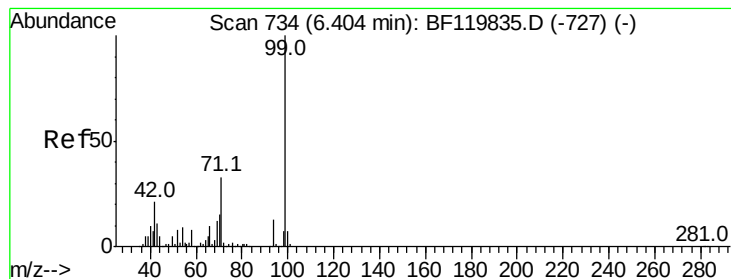


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.548 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

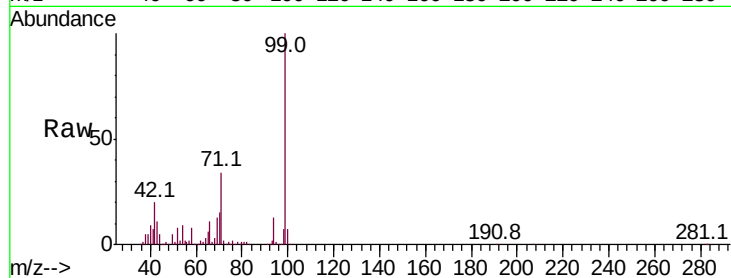
BNA_F

ClientSampleId :

PB128358BS

Tot Ion: 99 Resp: 1338295

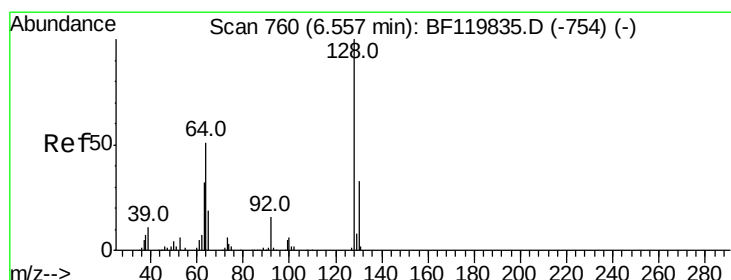
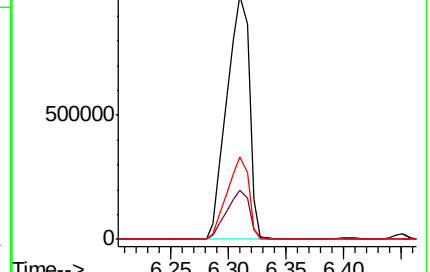
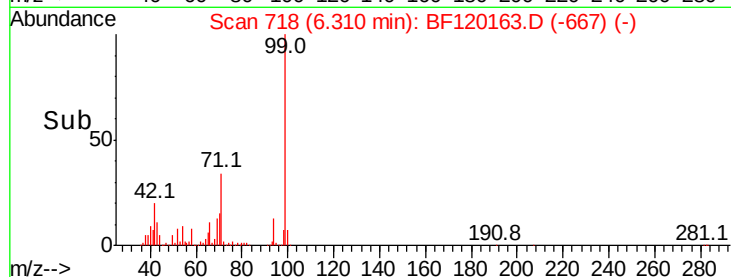
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.6	24.8
71	33.6	26.4	39.6



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: 47.752 ng

RT: 6.45 min Scan# 742

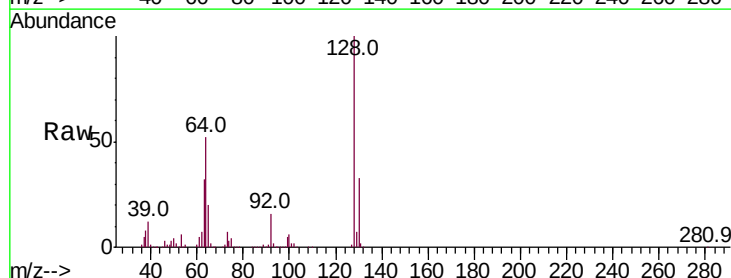
Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:128 Resp: 427747

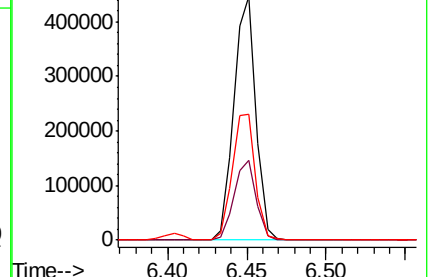
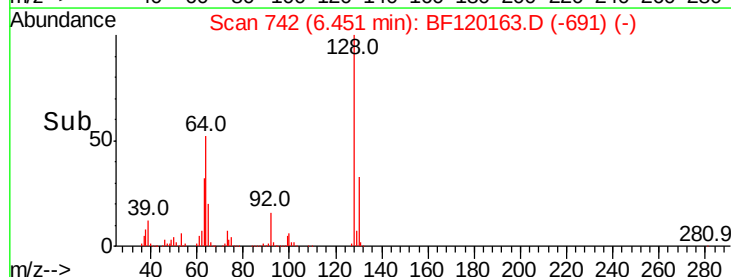
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	51.6	35.3	75.3

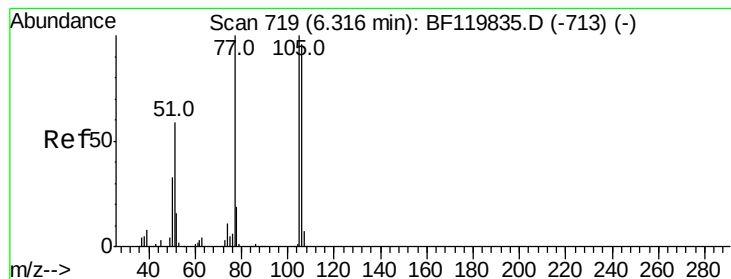


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.426 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120163.D

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Instrument :

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ClientSampleId :

PB128358BS

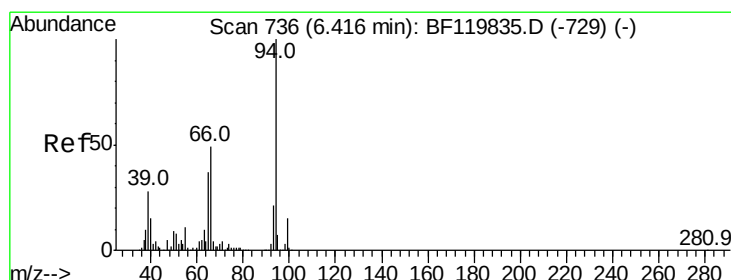
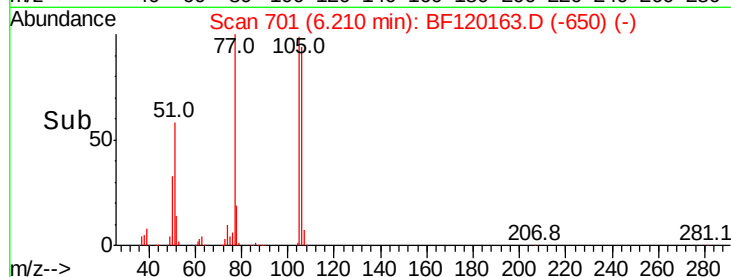
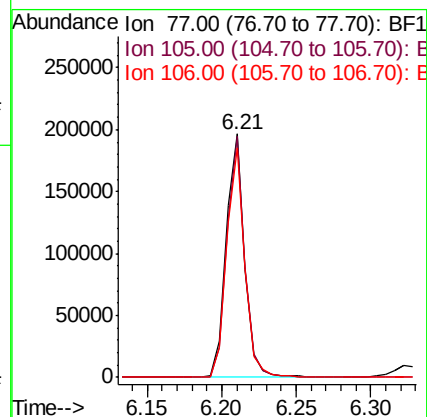
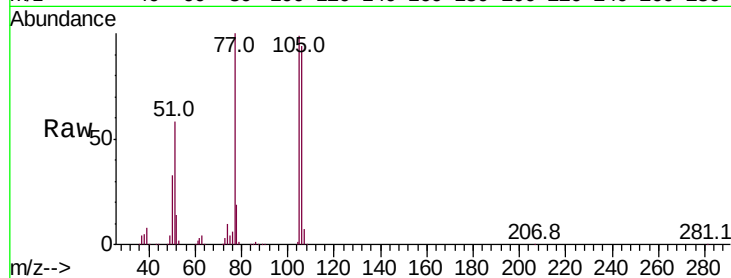
Tot Ion: 77 Resp: 170582

Ion Ratio Lower Upper

77 100

105 99.0 80.9 120.9

106 94.3 77.9 117.9



#10

Phenol

Concen: 46.679 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

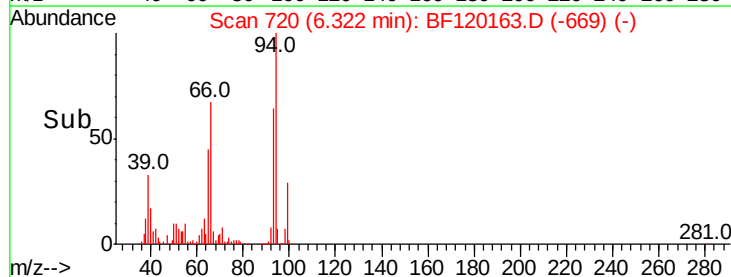
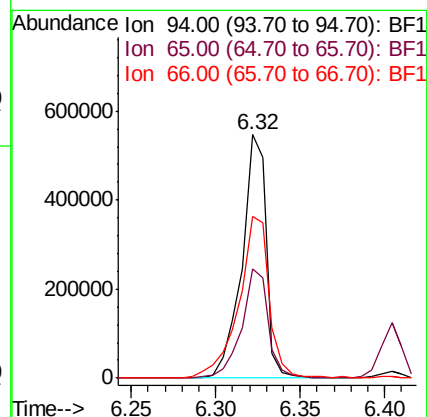
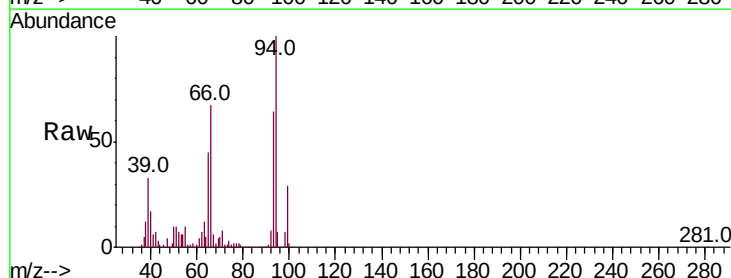
Tgt Ion: 94 Resp: 547076

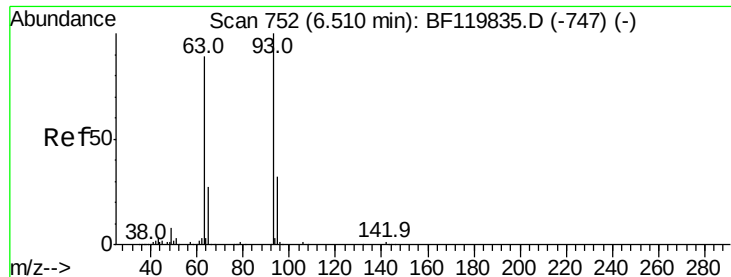
Ion Ratio Lower Upper

94 100

65 44.9 13.2 53.2

66 66.7 22.3 62.3#





#11

bis(2-Chloroethyl)ether

Concen: 43.979 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

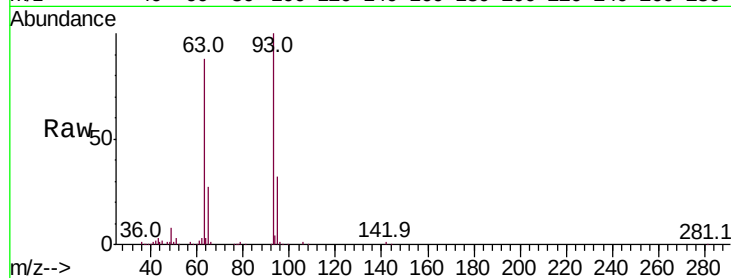
Tot Ion: 93 Resp: 397972

Ion Ratio Lower Upper

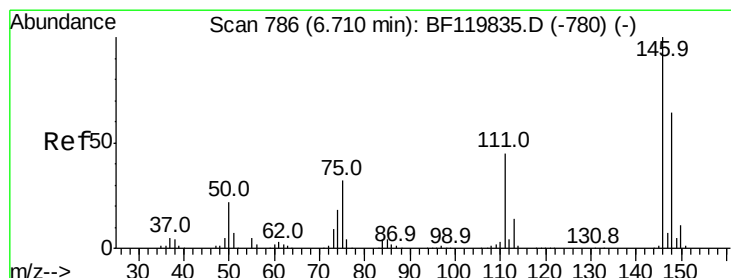
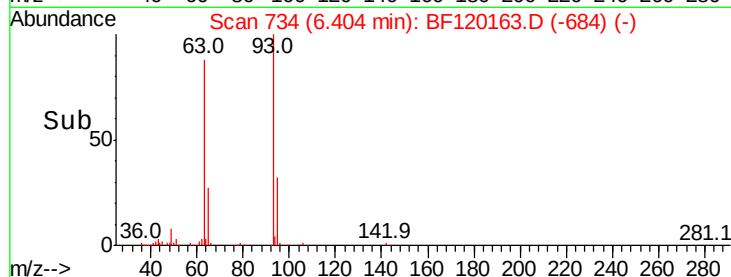
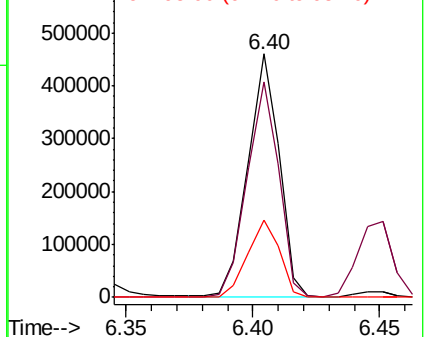
93 100

63 88.4 70.2 110.2

95 31.7 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.407 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

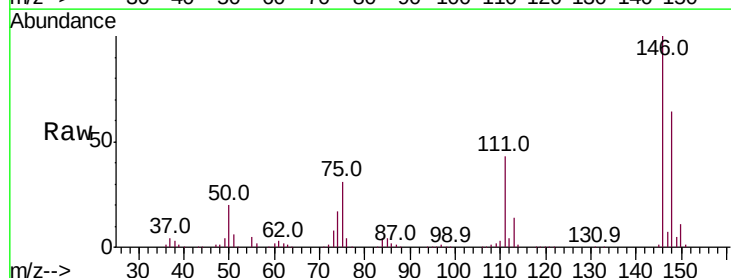
Tgt Ion: 146 Resp: 425685

Ion Ratio Lower Upper

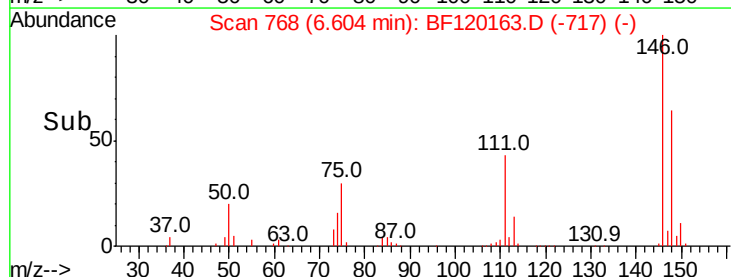
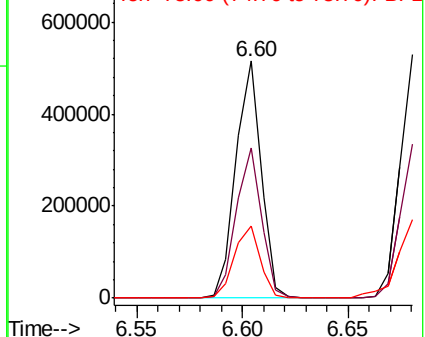
146 100

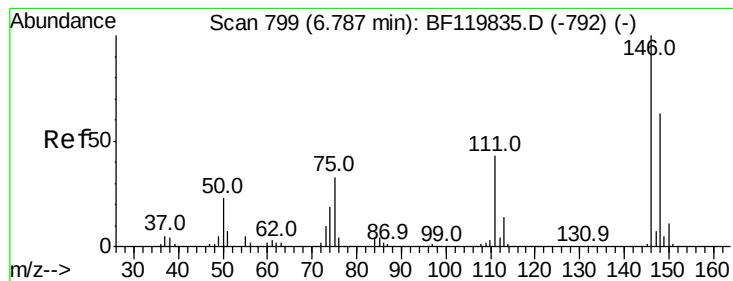
148 63.5 52.2 78.4

75 30.5 23.0 34.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.949 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

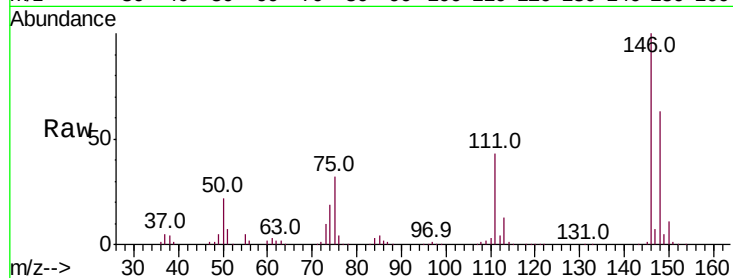
Tot Ion:146 Resp: 439045

Ion Ratio Lower Upper

146 100

148 63.1 51.5 77.3

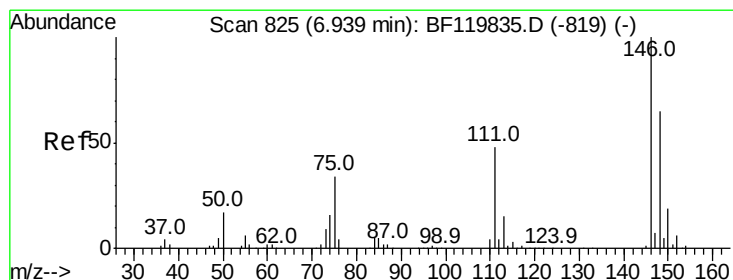
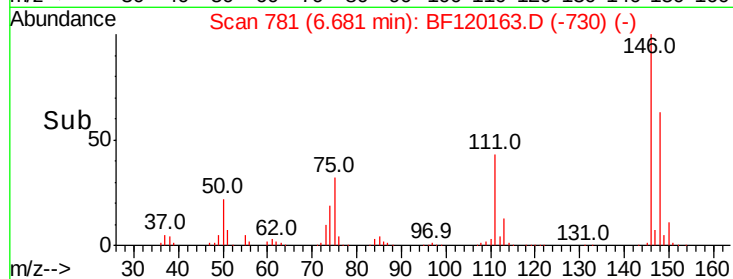
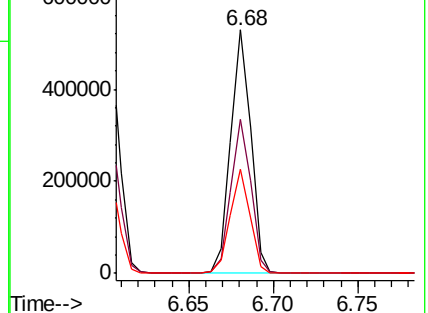
111 42.5 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.550 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

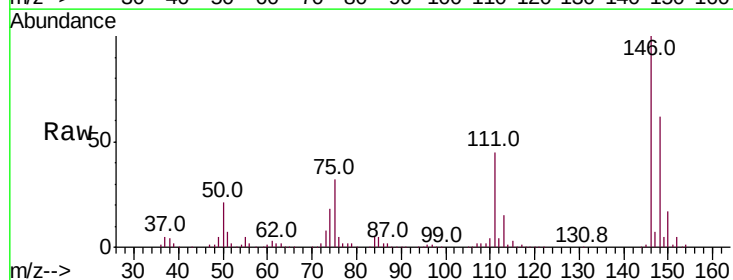
Tgt Ion:146 Resp: 410155

Ion Ratio Lower Upper

146 100

148 62.3 50.6 75.8

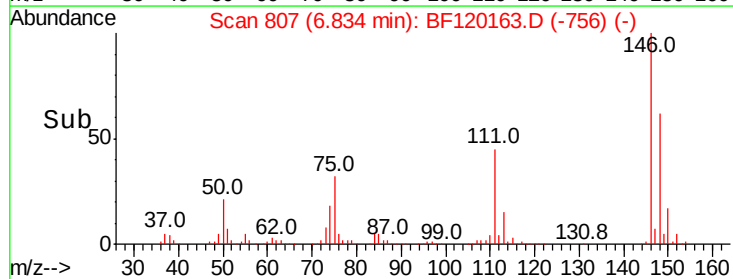
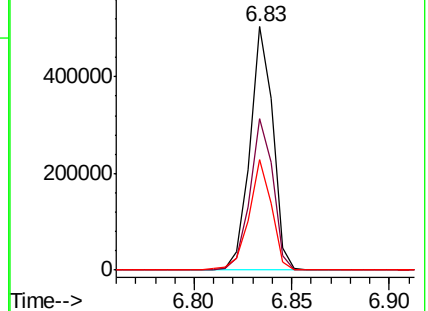
111 45.1 36.1 54.1

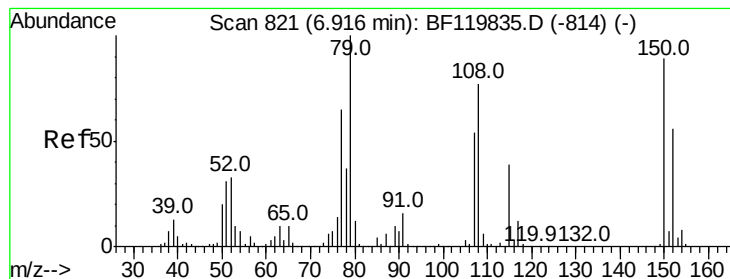


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.324 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleID :

PB128358BS

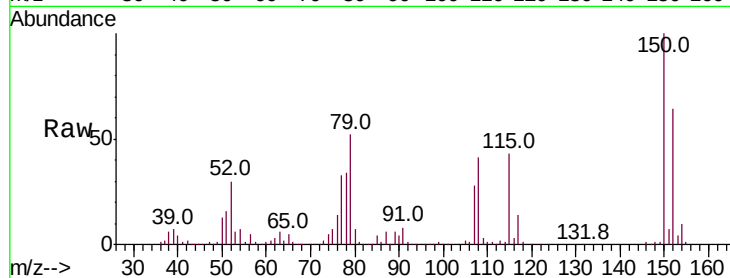
Tot Ion: 79 Resp: 347618

Ion Ratio Lower Upper

79 100

108 79.1 60.6 90.8

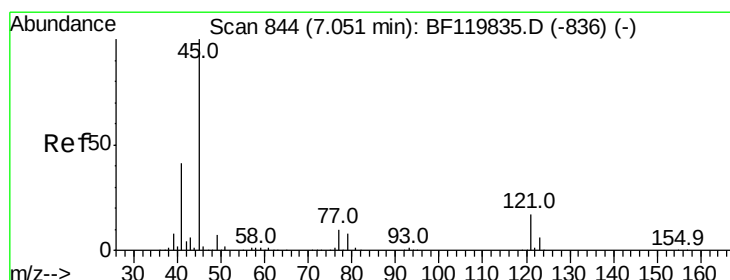
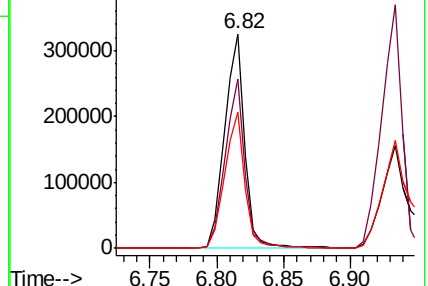
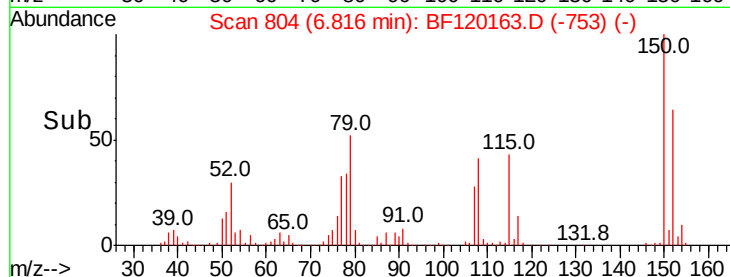
77 63.3 50.2 75.2



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: 39.853 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

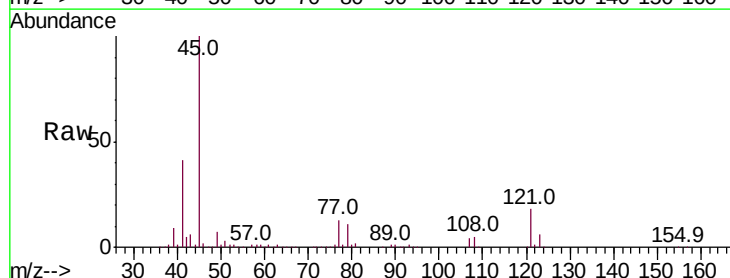
Tgt Ion: 45 Resp: 701770

Ion Ratio Lower Upper

45 100

77 13.1 0.0 30.7

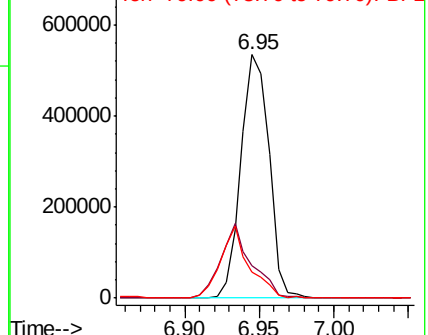
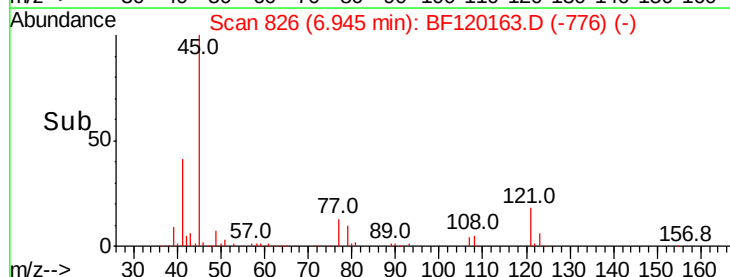
79 10.5 0.0 28.2

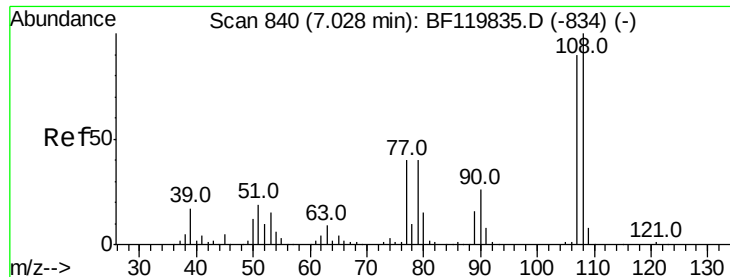


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.041 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tot Ion:107 Resp: 352070

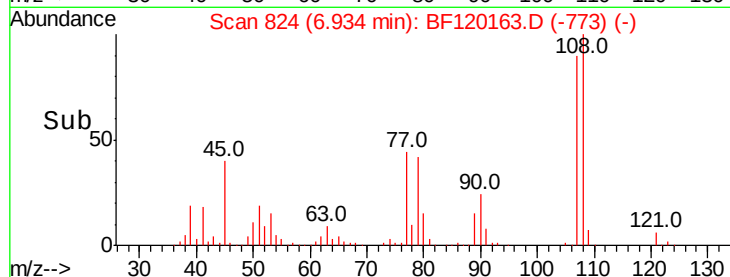
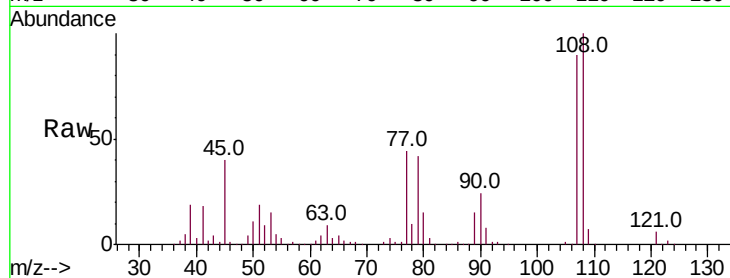
Ion Ratio Lower Upper

107 100

108 110.9 92.2 138.4

77 49.1 36.6 54.8

79 47.1 36.2 54.4

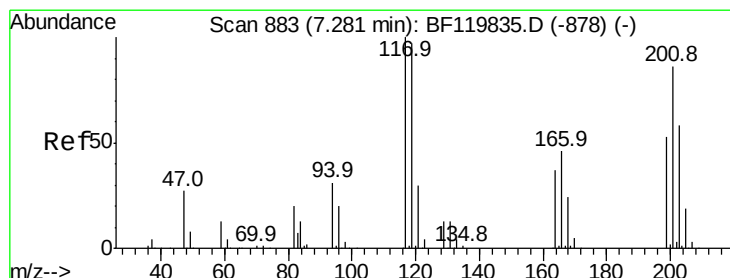
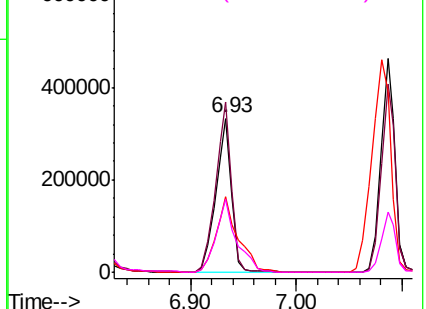


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.161 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

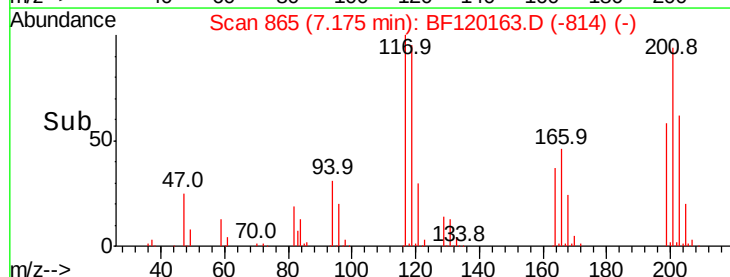
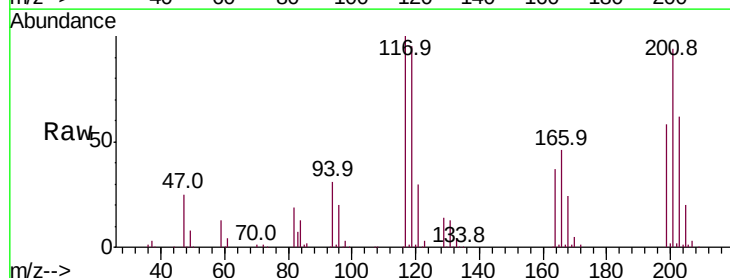
Tgt Ion:117 Resp: 164874

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1

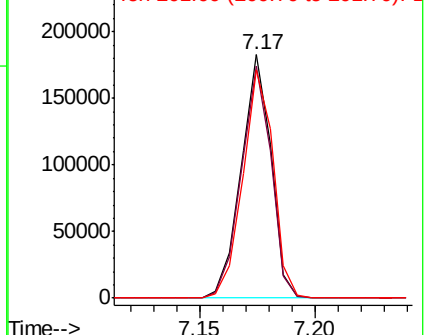
201 93.6 73.0 109.6

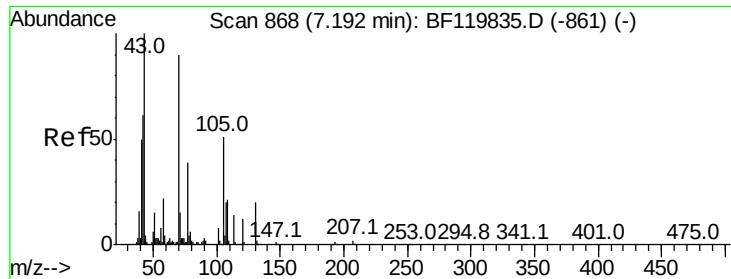


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

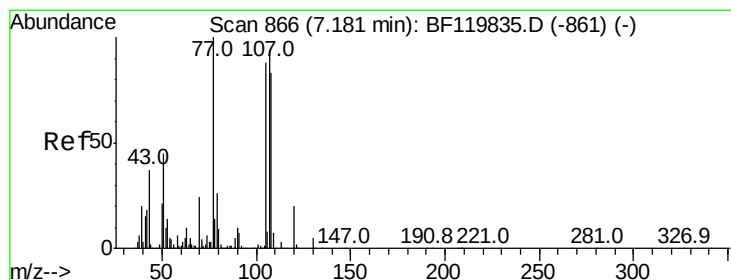
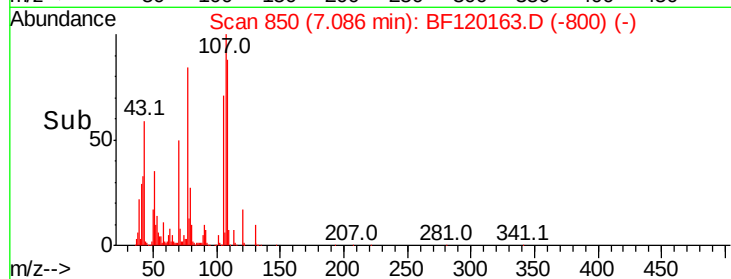
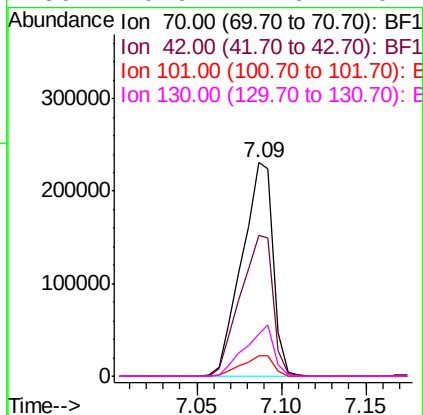
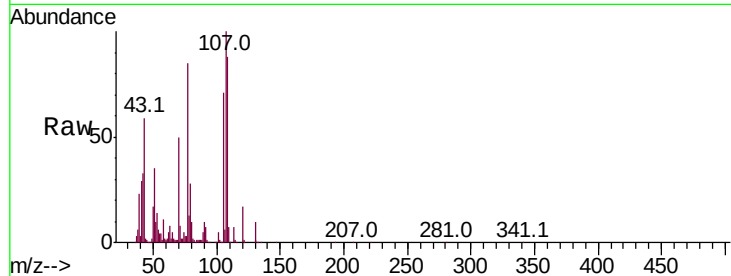




#19
n-Nitroso-di-n-propylamine
Concen: 44.890 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

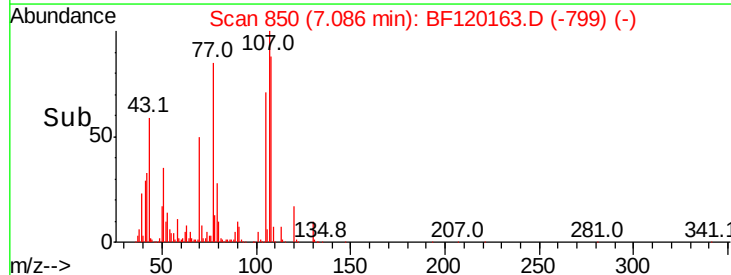
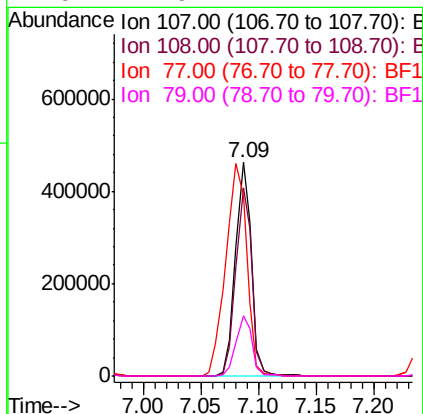
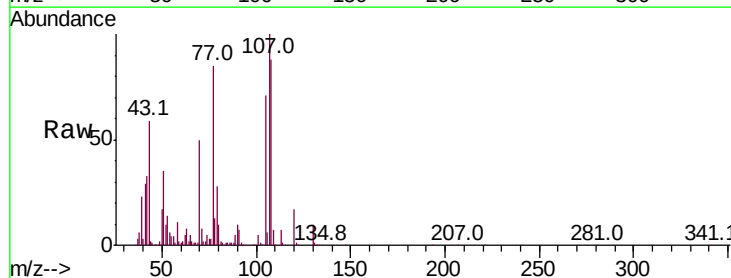
Instrument :
BNA_F
ClientSampleId :
PB128358BS

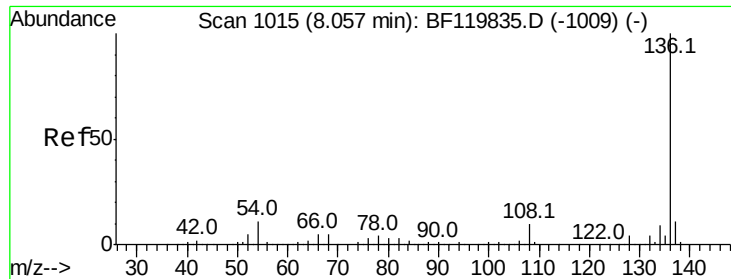
Tot Ion:	70	Resp:	298202
Ion	Ratio	Lower	Upper
70	100		
42	66.2	54.5	81.7
101	9.6	7.6	11.4
130	19.9	17.6	26.4



#20
3+4-Methylphenols
Concen: 45.252 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:	107	Resp:	442428
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	84.5	52.9	92.9
79	27.9	7.7	47.7

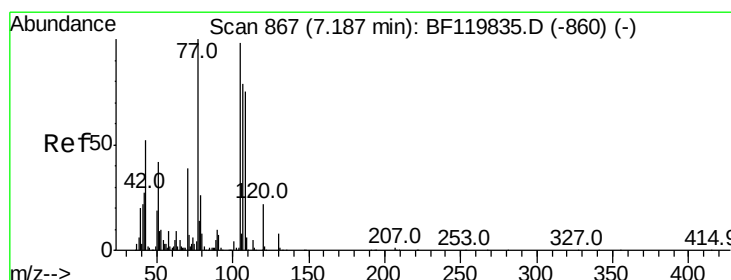
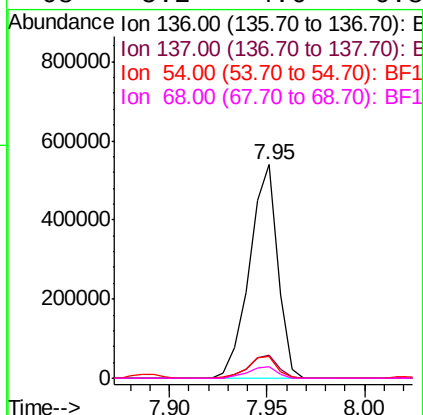
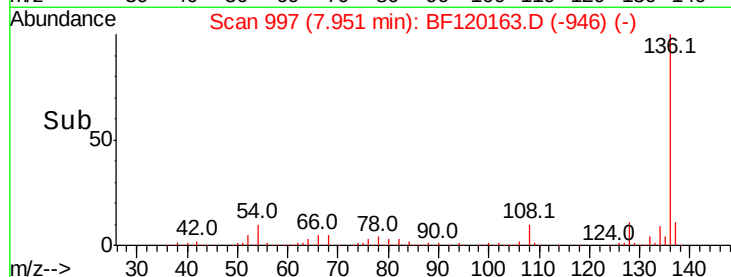
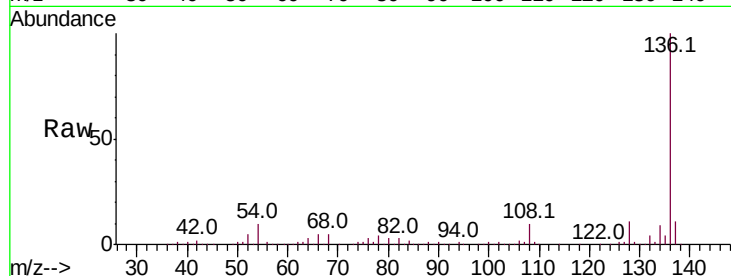




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

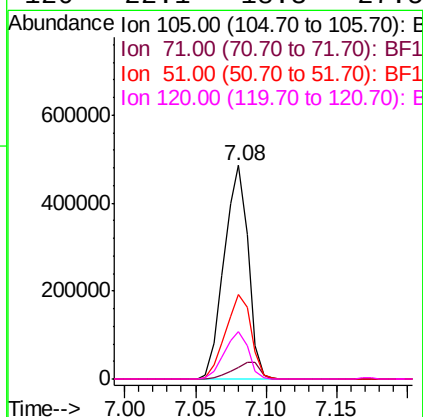
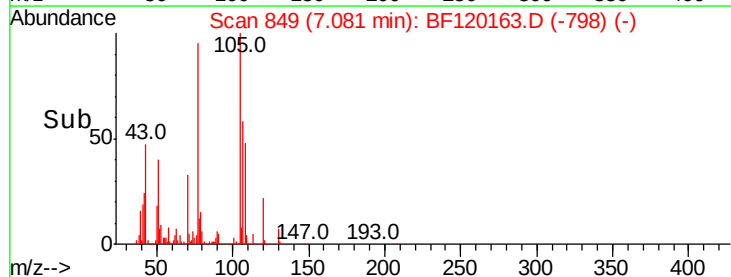
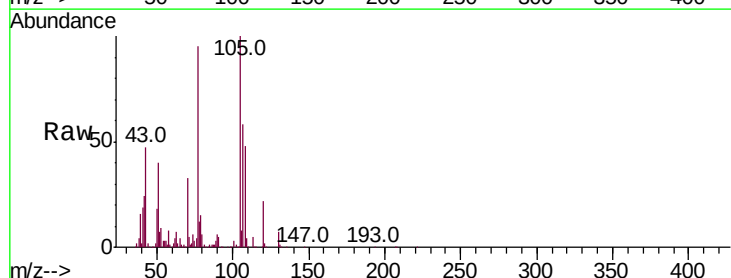
Instrument :
BNA_F
ClientSampleId :
PB128358BS

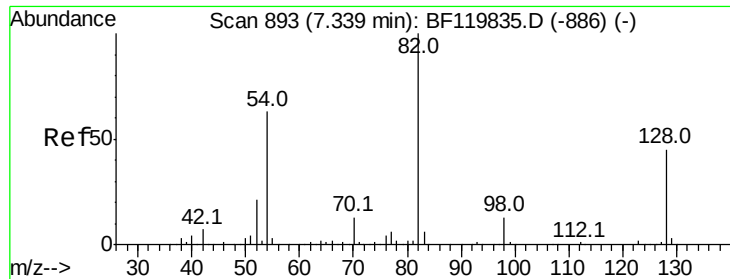
Tot Ion:	136	Resp:	541332
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.1	9.1	13.7
68	5.2	4.6	6.8



#22
Acetophenone
Concen: 45.258 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:	105	Resp:	573705
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.7	8.5#
51	39.5	26.2	39.4#
120	22.1	18.3	27.5





#23

Nitrobenzene-d5

Concen: 79.142 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

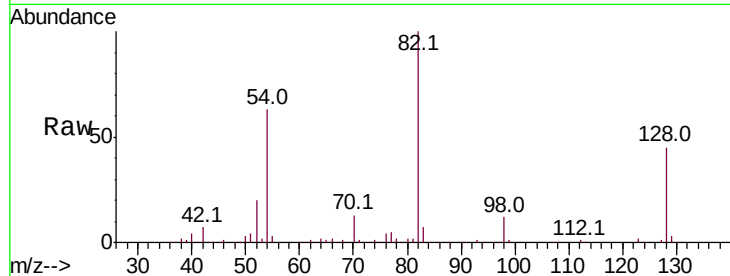
Tot Ion: 82 Resp: 828134

Ion Ratio Lower Upper

82 100

128 45.0 36.3 54.5

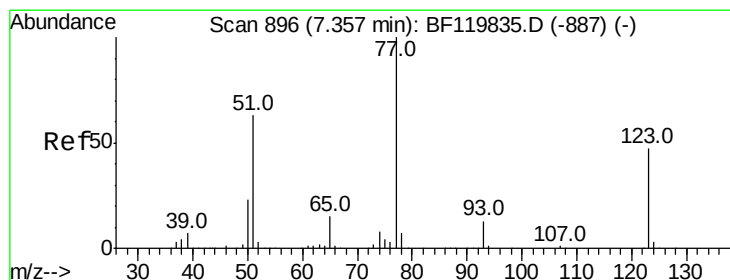
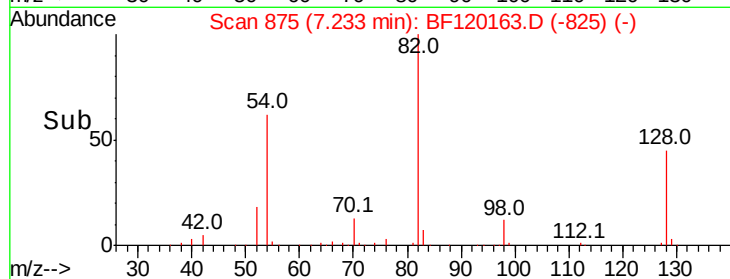
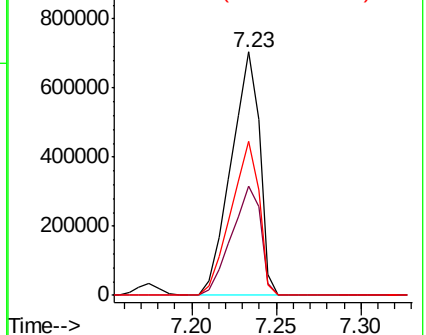
54 63.1 50.6 75.8



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: 42.399 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

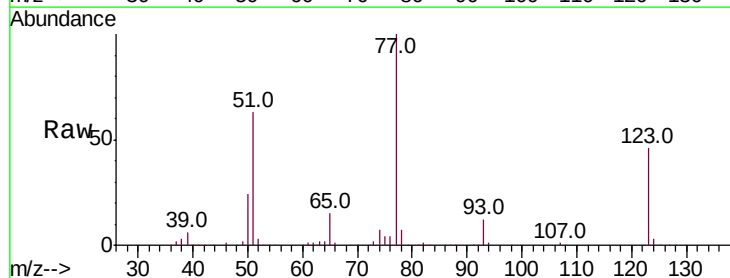
Tgt Ion: 77 Resp: 446300

Ion Ratio Lower Upper

77 100

123 45.9 38.0 57.0

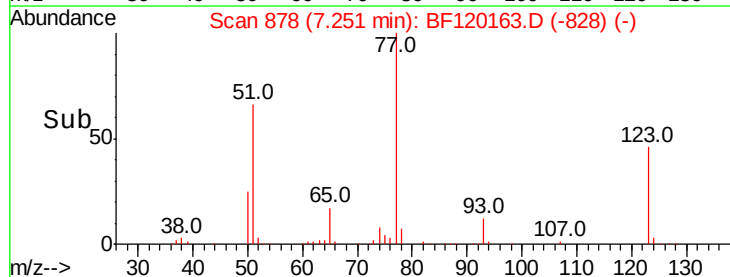
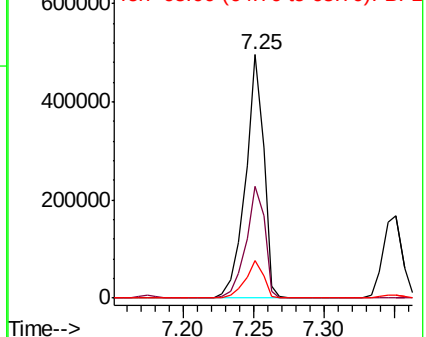
65 15.2 12.6 18.8

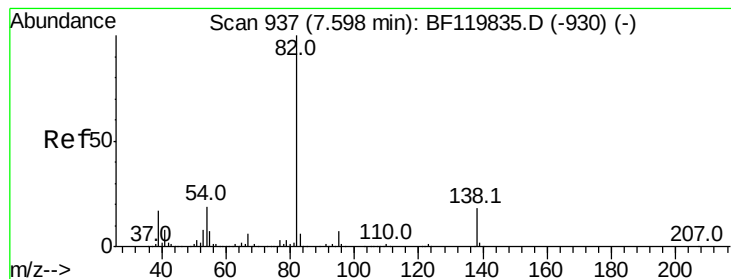


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.429 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

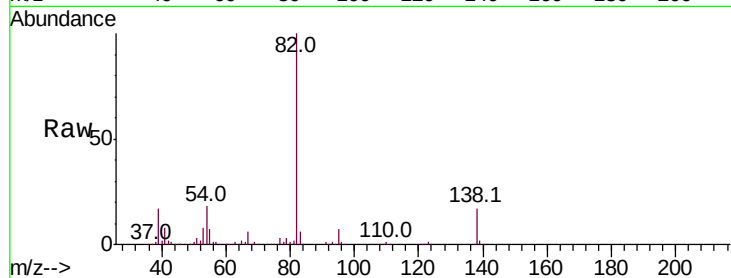
Tot Ion: 82 Resp: 835680

Ion Ratio Lower Upper

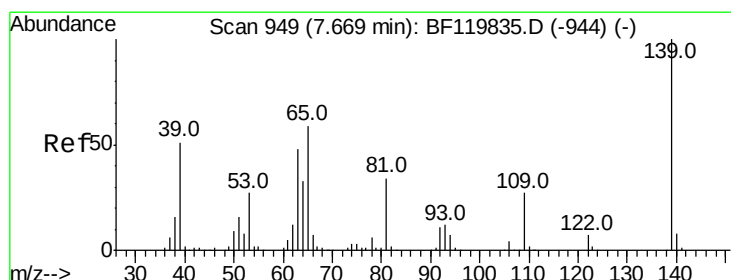
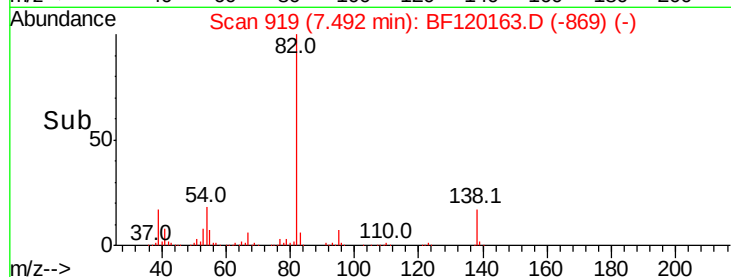
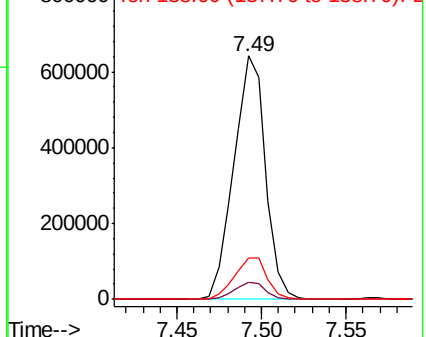
82 100

95 7.2 5.8 8.6

138 17.1 14.6 21.8



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



#26

2-Nitrophenol

Concen: 44.252 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

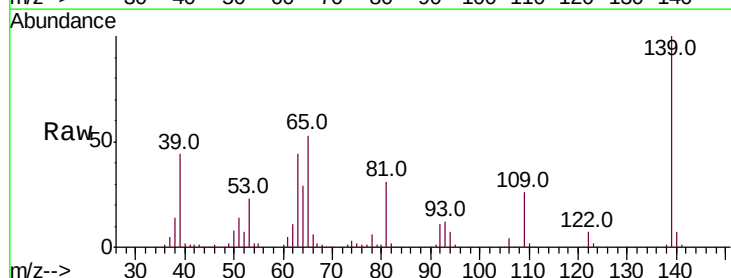
Tgt Ion:139 Resp: 232716

Ion Ratio Lower Upper

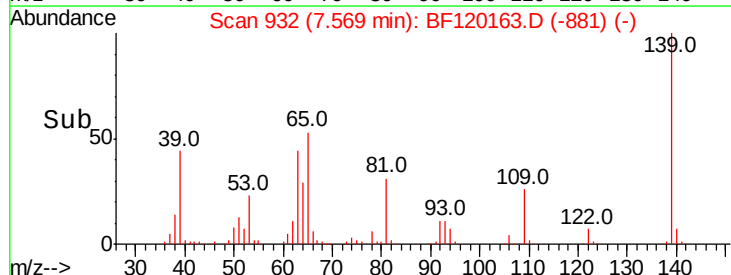
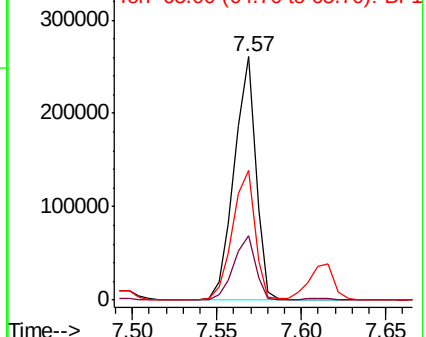
139 100

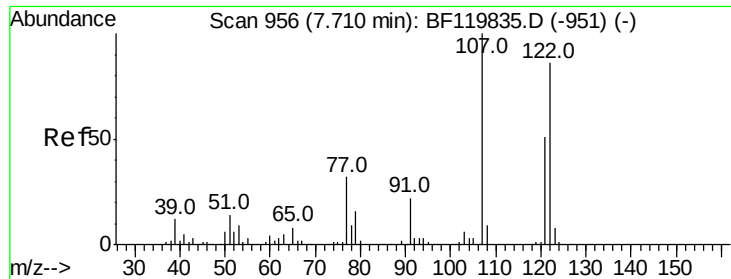
109 26.5 22.1 33.1

65 53.5 49.2 73.8



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

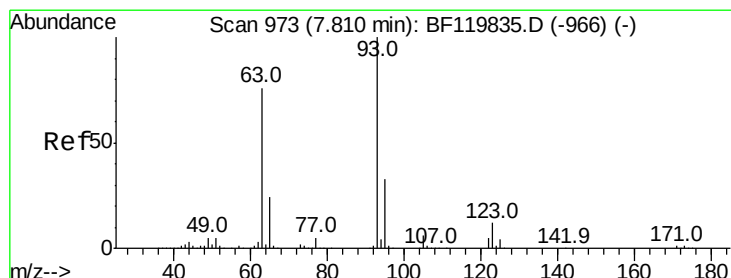
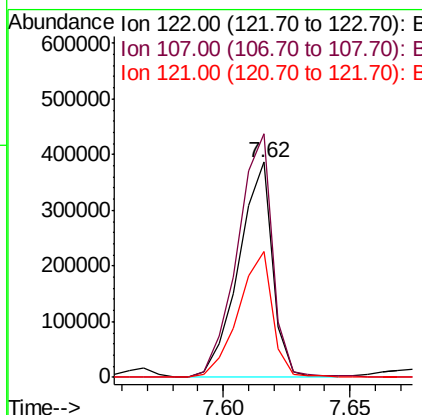
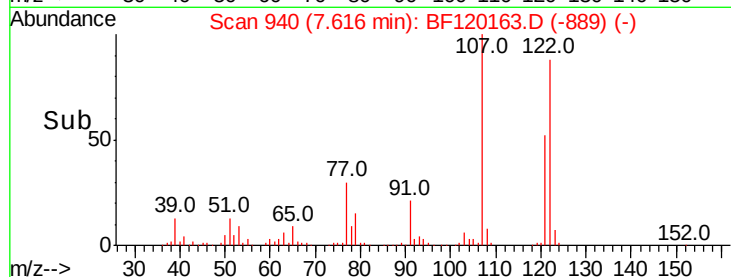
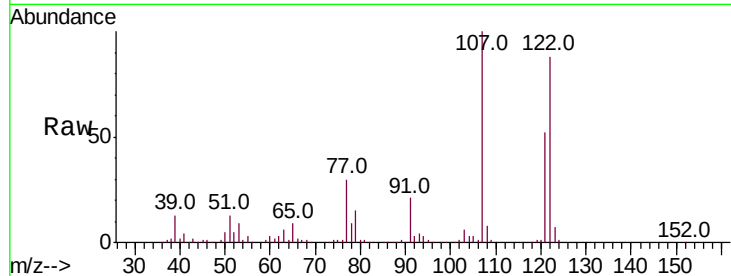




#27
 2,4-Dimethylphenol
 Concen: 45.621 ng
 RT: 7.62 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

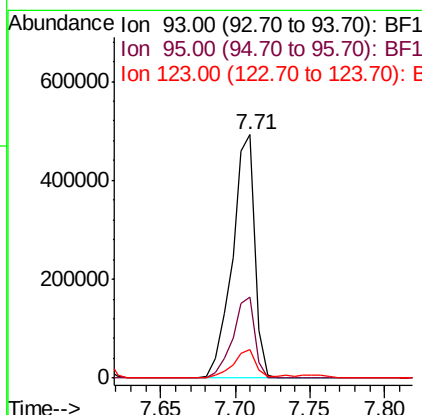
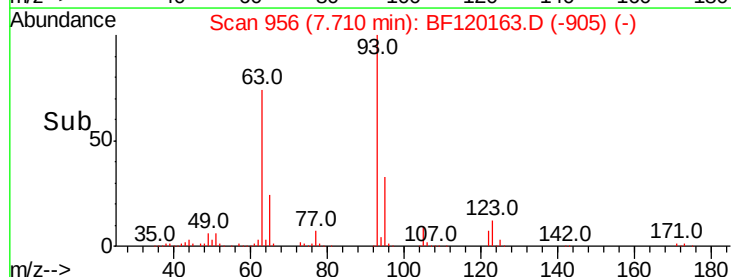
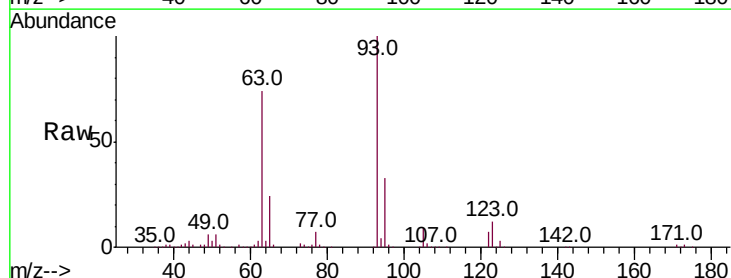
Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

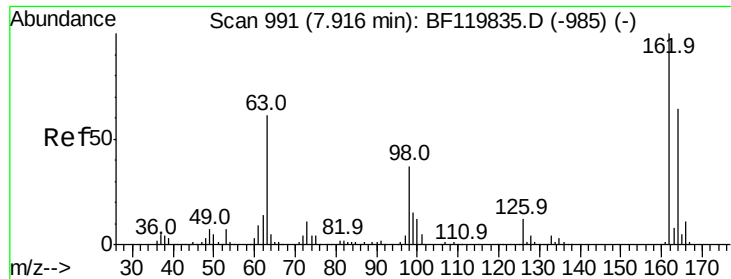
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	89.0	133.6
121	58.7	46.7	70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.883 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.9	9.7	14.5

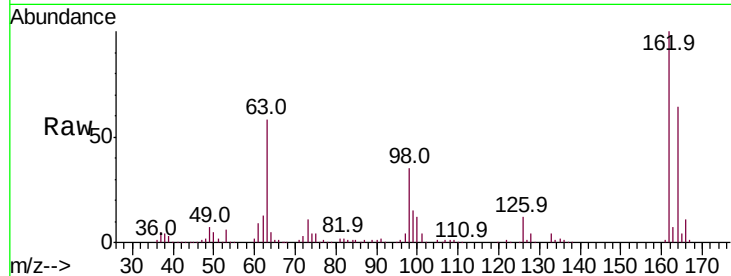




#29
 2,4-Dichlorophenol
 Concen: 44.137 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	35.1	20.7	60.7

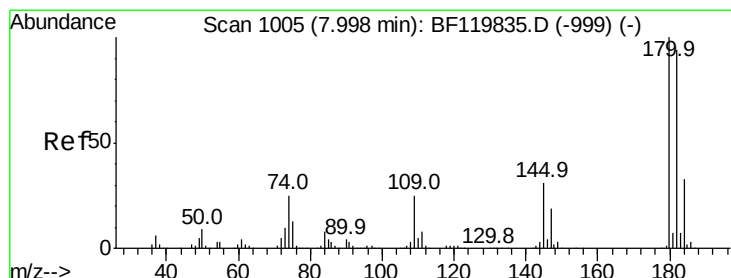
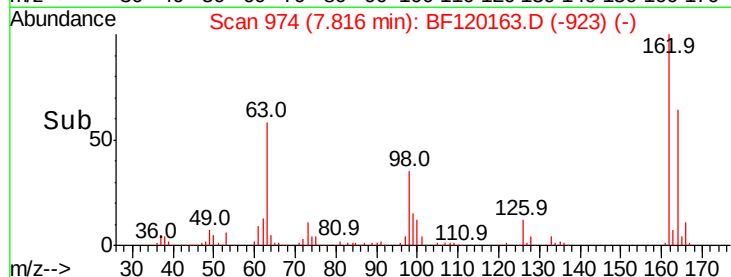
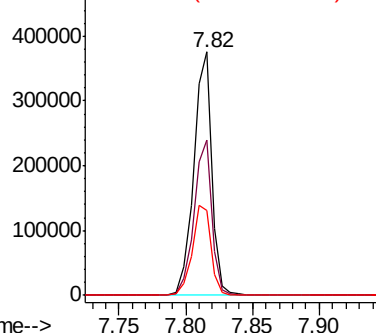


Abundance

Ion 162.00 (161.70 to 162.70): E

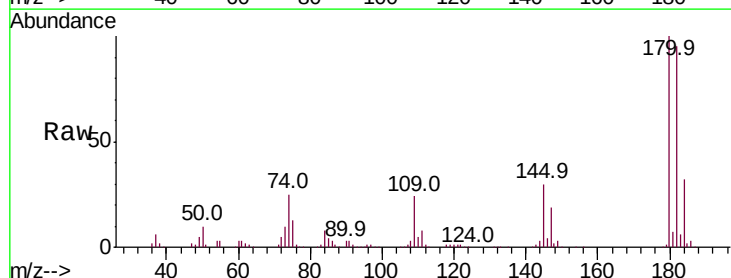
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.135 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.7	112.1
145	29.9	24.5	36.7

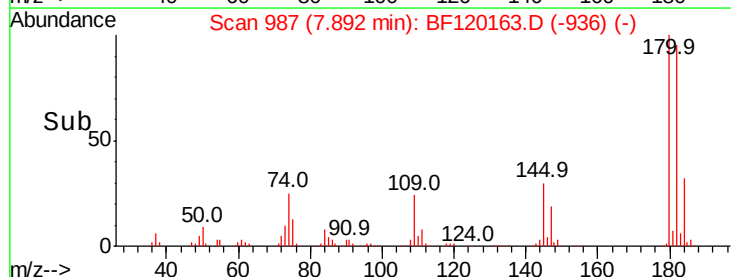
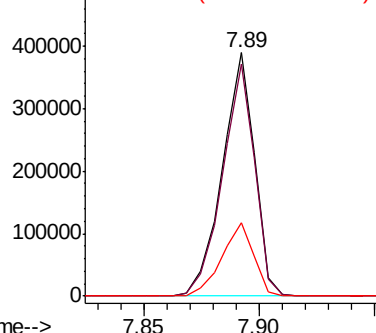


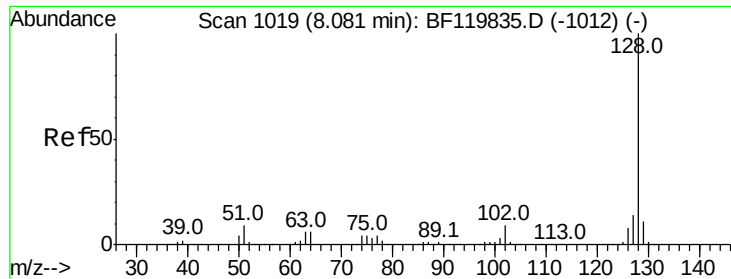
Abundance

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



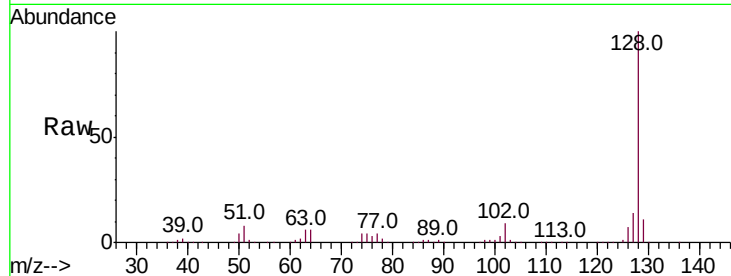


#31
Naphthalene
Concen: 42.912 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

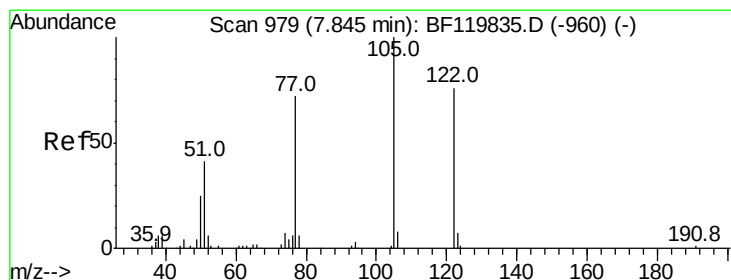
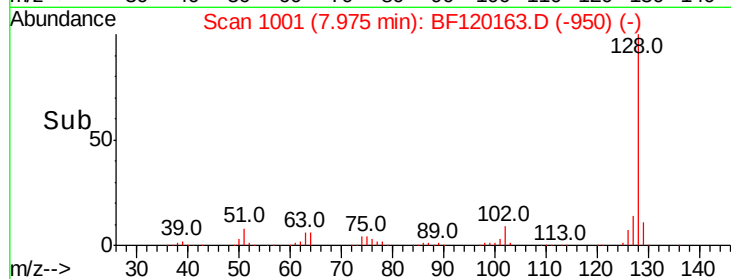
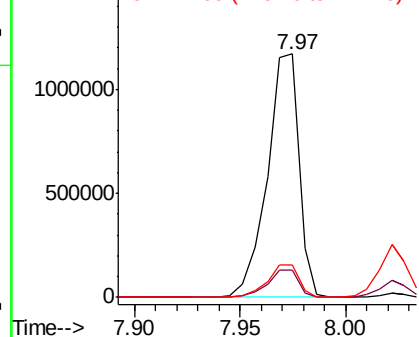
Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion:128 Resp: 1222182

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.5	11.3	16.9



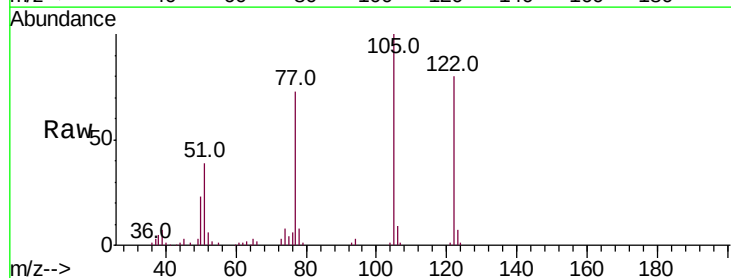
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



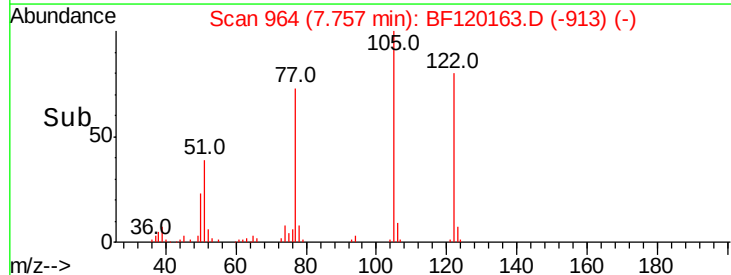
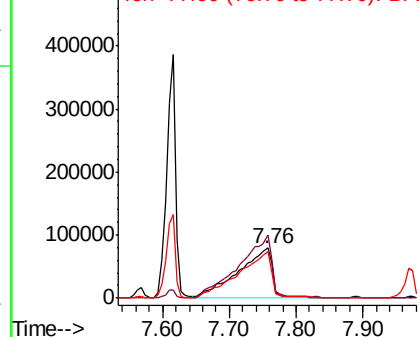
#32
Benzoic acid
Concen: 39.764 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

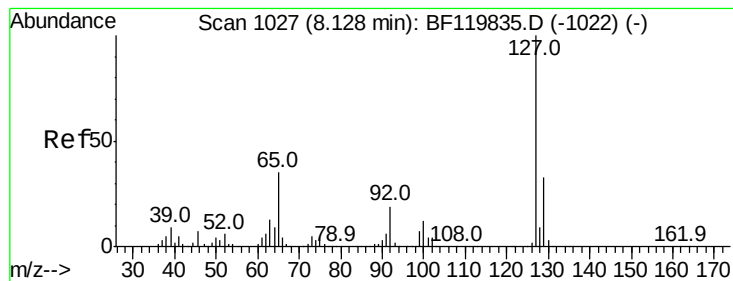
Tgt Ion:122 Resp: 276989

Ion	Ratio	Lower	Upper
122	100		
105	124.7	104.9	144.9
77	91.3	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: 20.116 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tot Ion:127 Resp: 249423

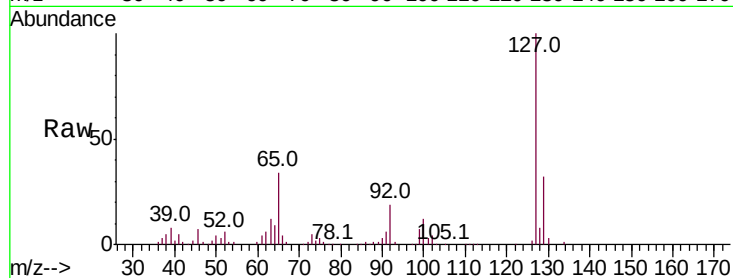
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.4

65 33.9 27.4 41.0

92 19.5 15.3 22.9



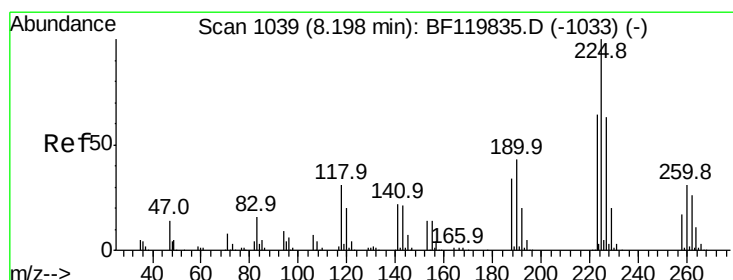
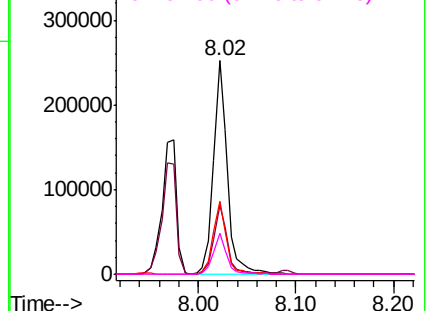
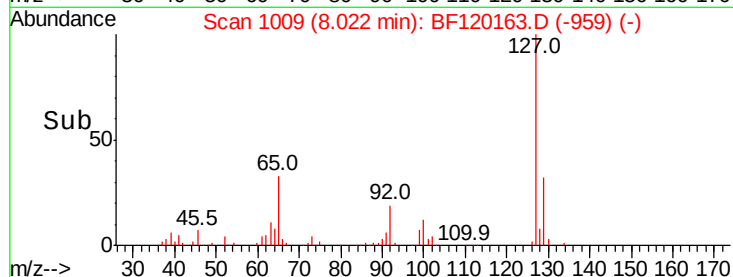
Abundance

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: 39.543 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

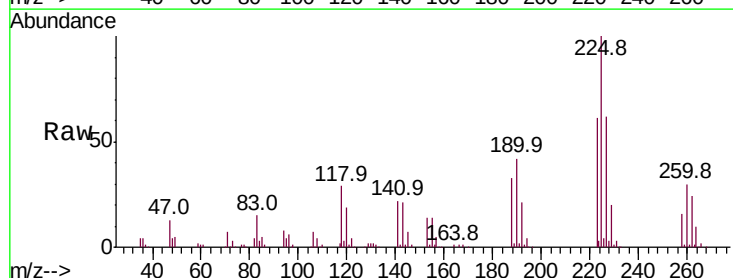
Tgt Ion:225 Resp: 218051

Ion Ratio Lower Upper

225 100

223 60.7 51.0 76.6

227 62.5 50.7 76.1

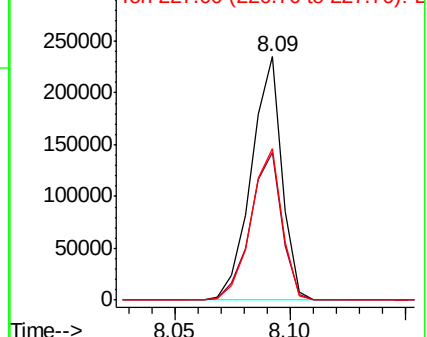
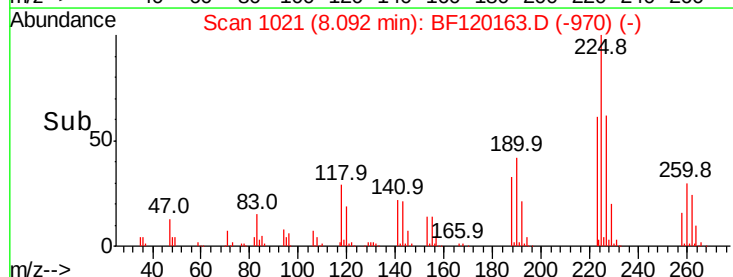


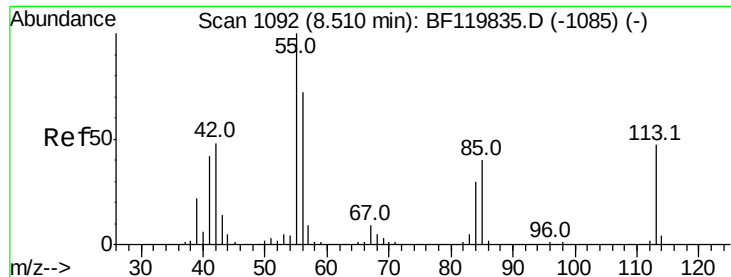
Abundance

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: 22.489 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

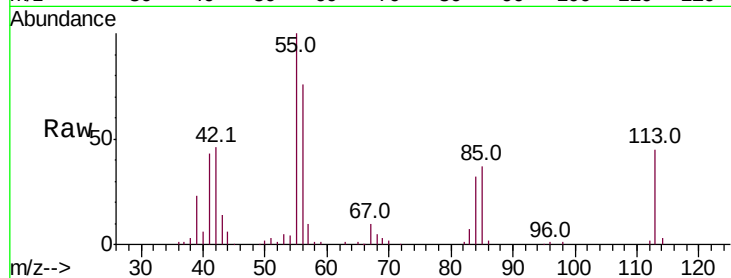
Tot Ion:113 Resp: 55928

Ion Ratio Lower Upper

113 100

55 223.4 218.4 258.4

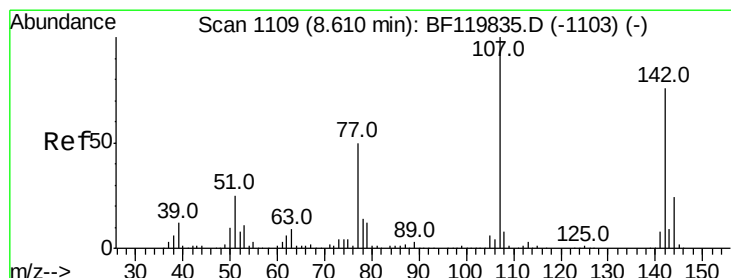
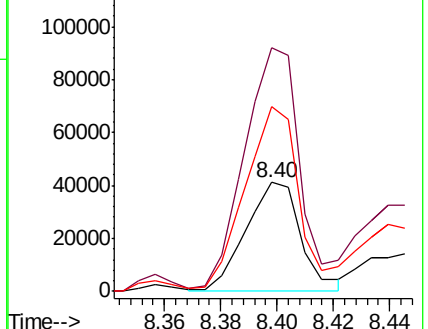
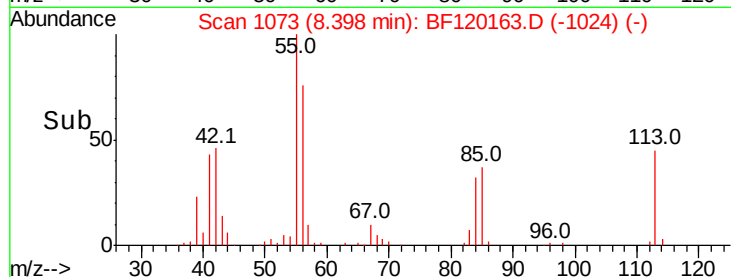
56 169.2 148.9 188.9



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: 45.085 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

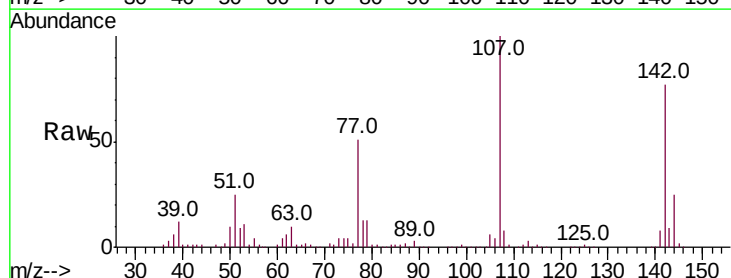
Tgt Ion:107 Resp: 396835

Ion Ratio Lower Upper

107 100

144 25.1 21.0 31.6

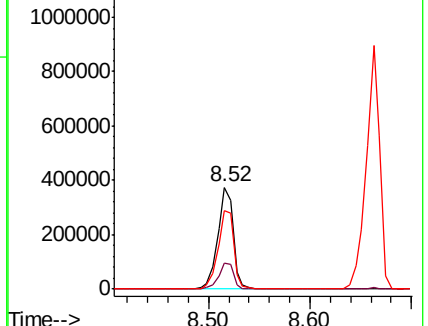
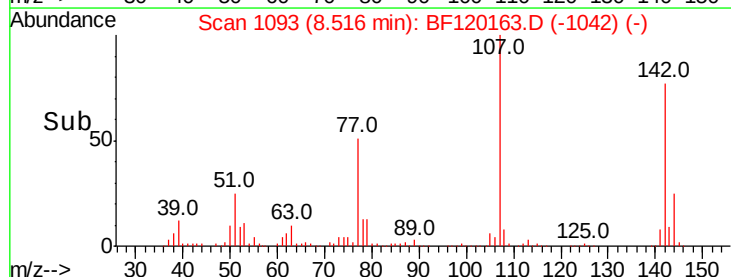
142 76.8 64.4 96.6

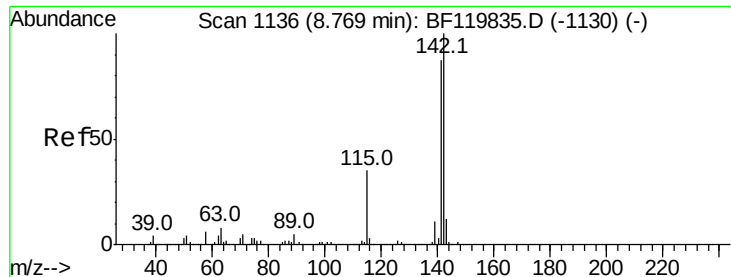


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.187 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

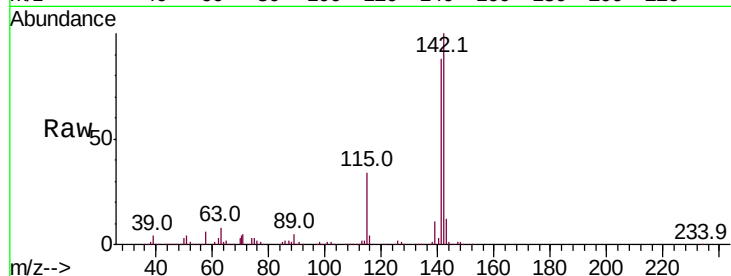
Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion:142 Resp: 833902

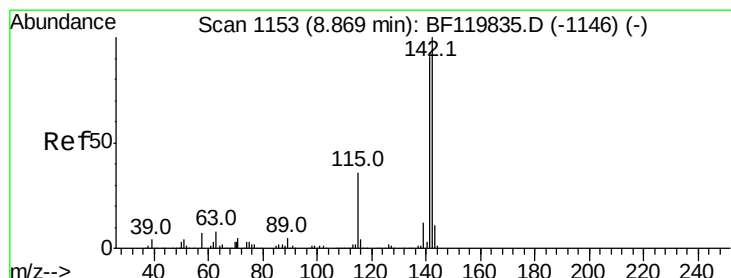
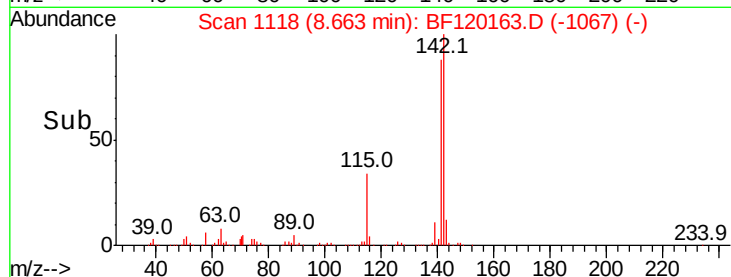
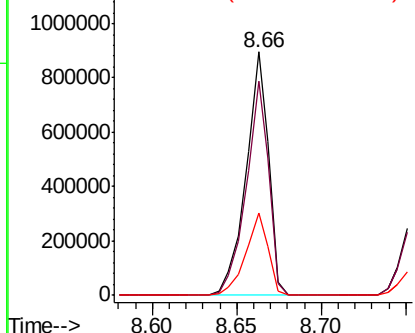
Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.7	107.5
115	33.6	27.9	41.9



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: 43.566 ng

RT: 8.76 min Scan# 1135

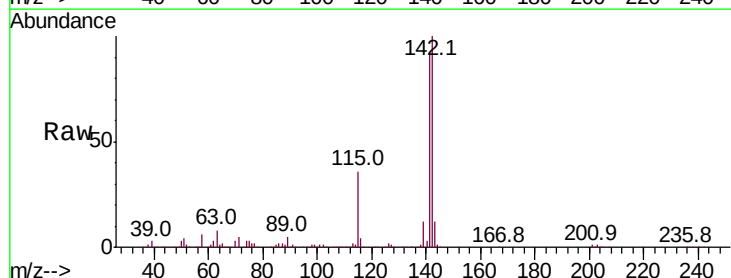
Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:142 Resp: 792889

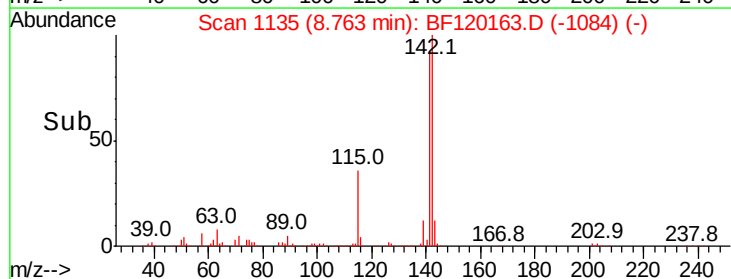
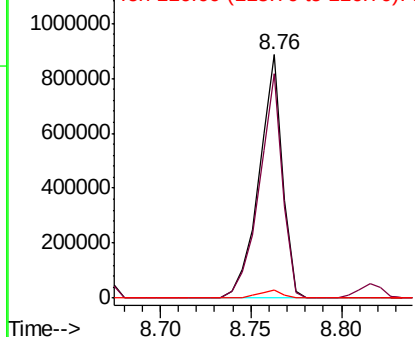
Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5
116	3.5	3.0	4.6

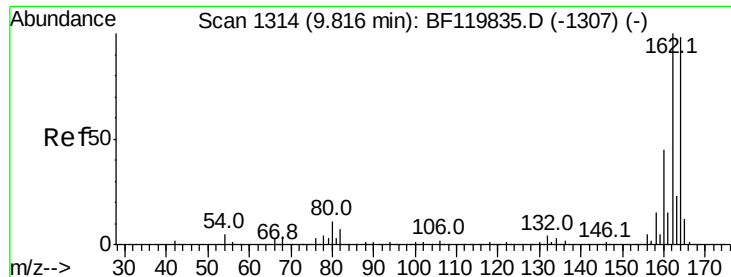


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

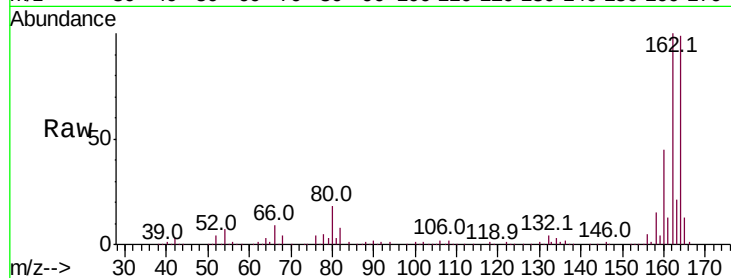
Tot Ion:164 Resp: 286414

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

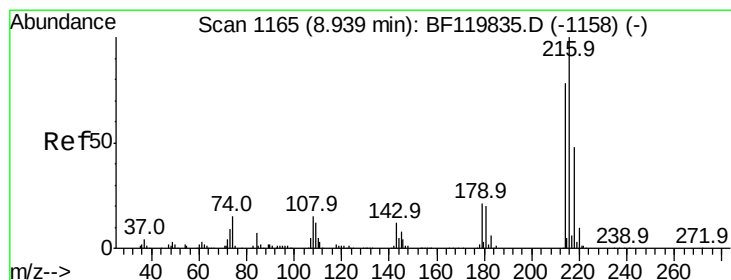
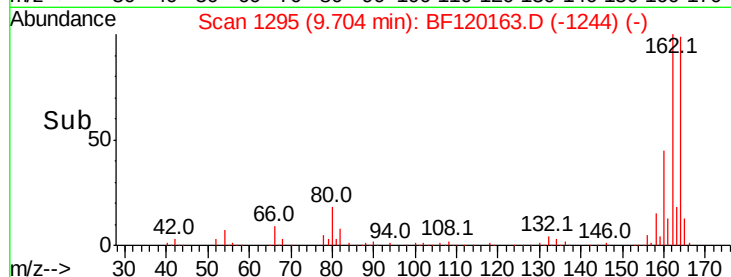
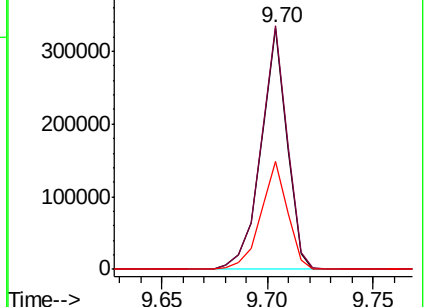
160 44.9 35.7 53.5



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: 41.304 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:216 Resp: 373645

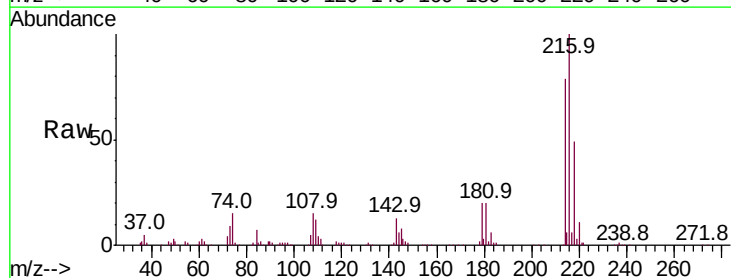
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 21.5 17.1 25.7

108 19.7 15.1 22.7

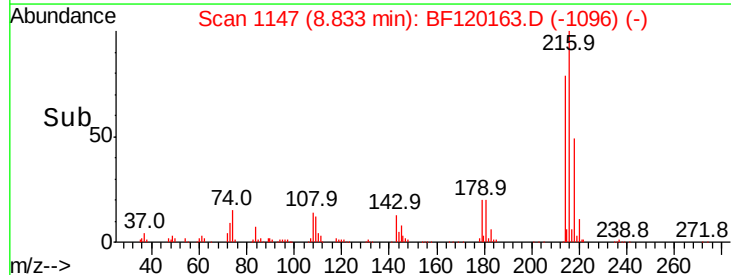
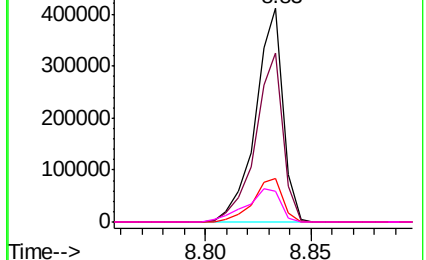


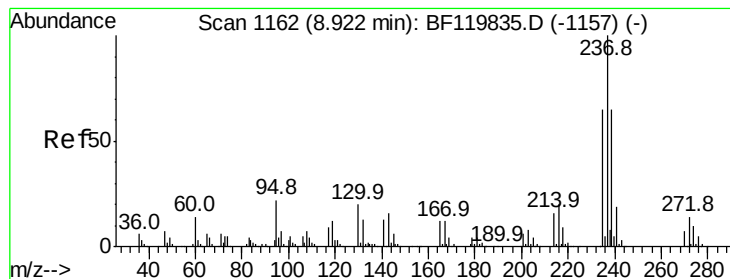
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.800 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

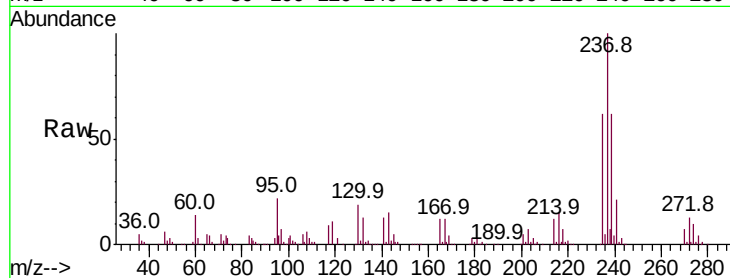
Tot Ion:237 Resp: 400203

Ion Ratio Lower Upper

237 100

235 61.7 43.2 83.2

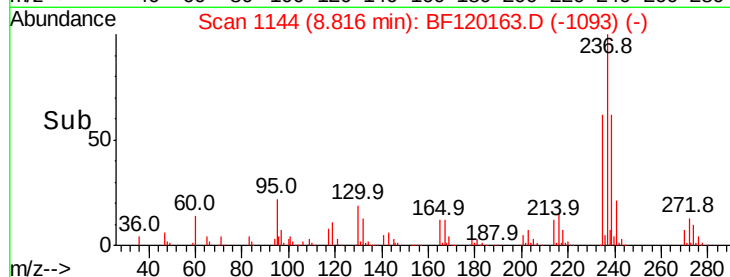
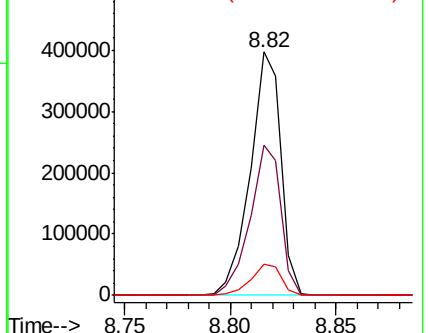
272 12.5 0.0 34.1



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: 105.451 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

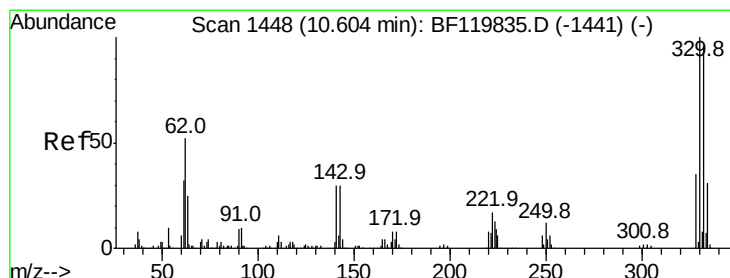
Tgt Ion:330 Resp: 369782

Ion Ratio Lower Upper

330 100

332 95.5 75.7 113.5

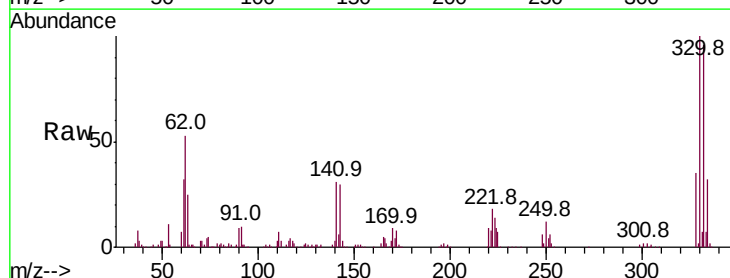
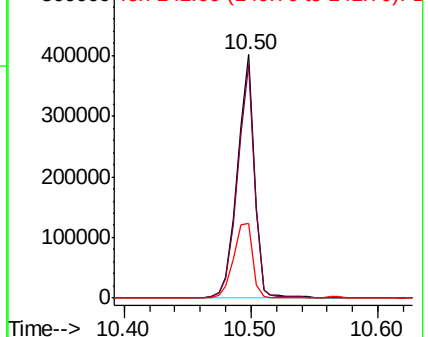
141 34.7 25.4 38.0

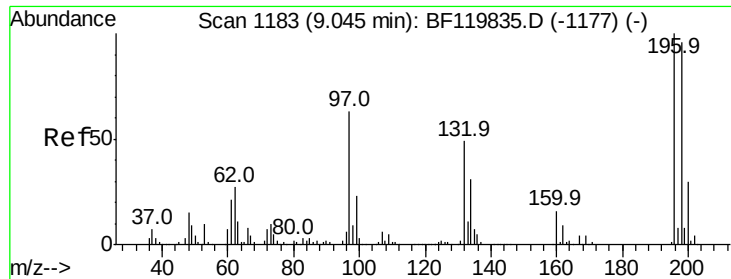


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

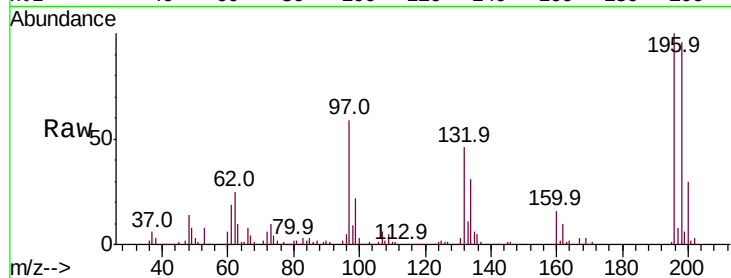




#43
 2,4,6-Trichlorophenol
 Concen: 41.758 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.6	115.0
200	30.3	24.6	36.8

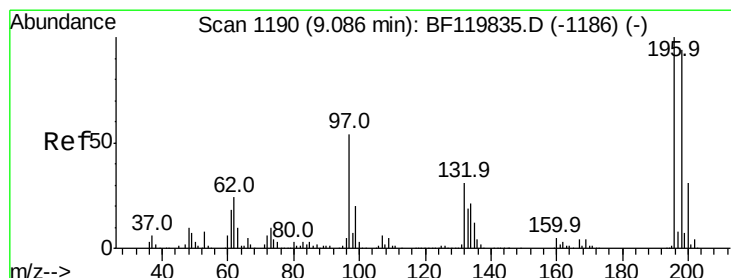
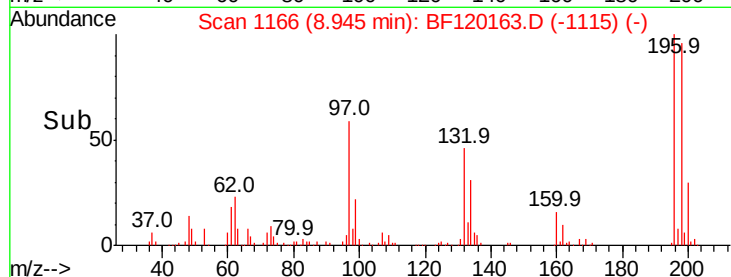
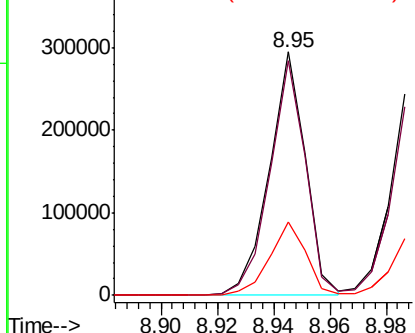


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.371 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	73.8	110.8
97	44.9	42.6	63.8
132	27.4	24.0	36.0

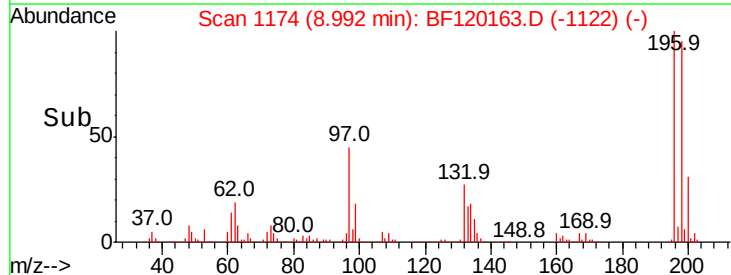
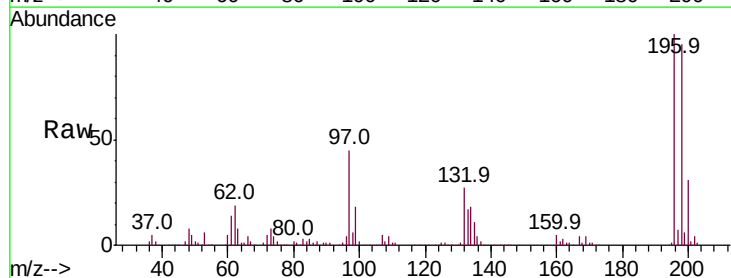
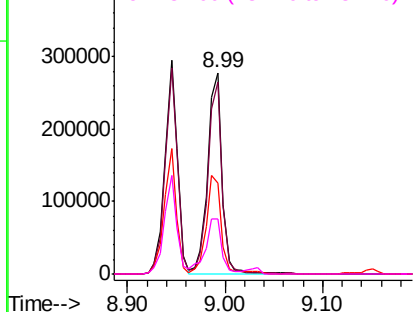
Abundance

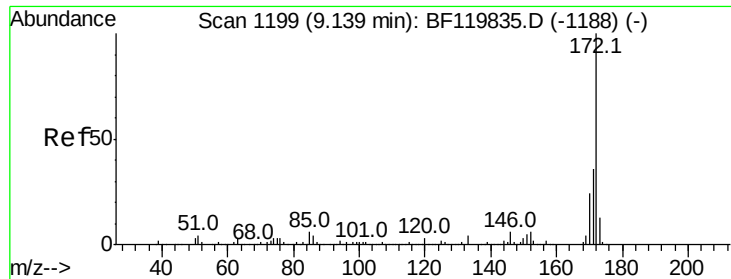
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

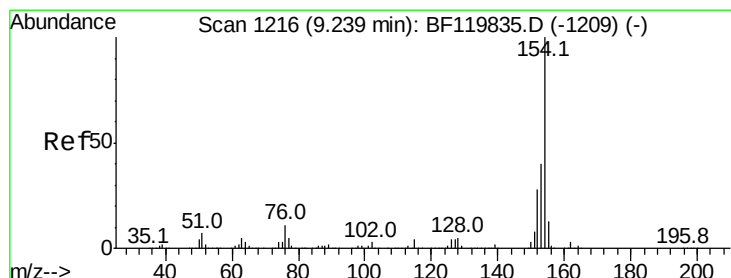
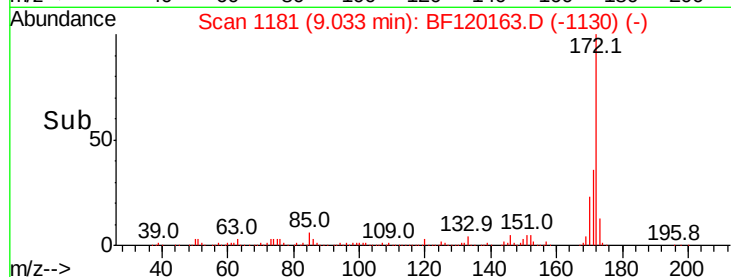
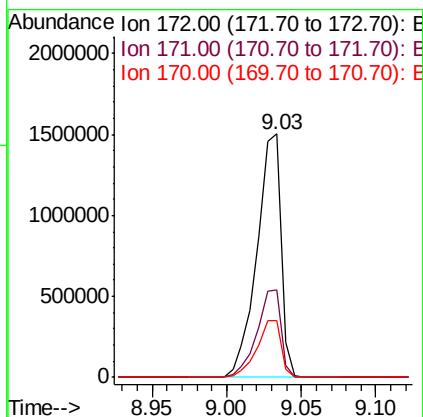
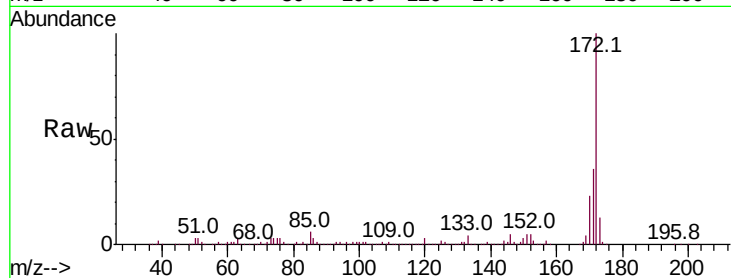




#45
2-Fluorobiphenyl
Concen: 82.690 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

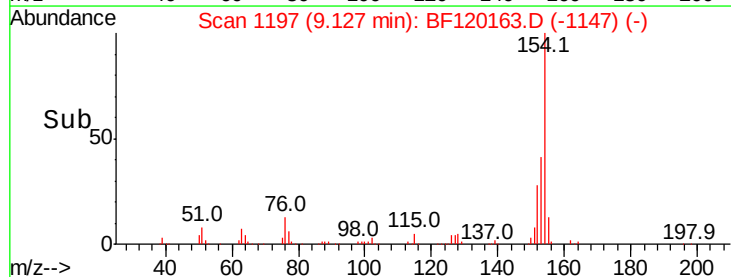
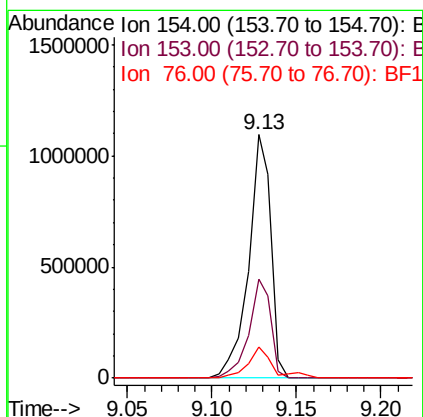
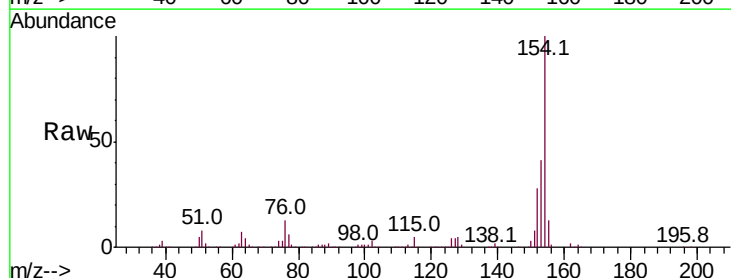
Instrument :
BNA_F
ClientSampleId :
PB128358BS

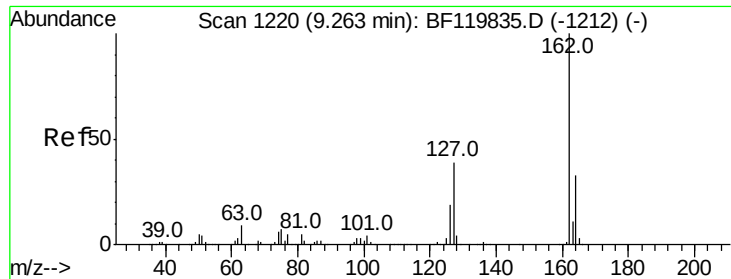
Tot Ion:172 Resp: 1668114
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 41.753 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:154 Resp: 1009373
Ion Ratio Lower Upper
154 100
153 40.8 21.4 61.4
76 13.0 0.0 33.0

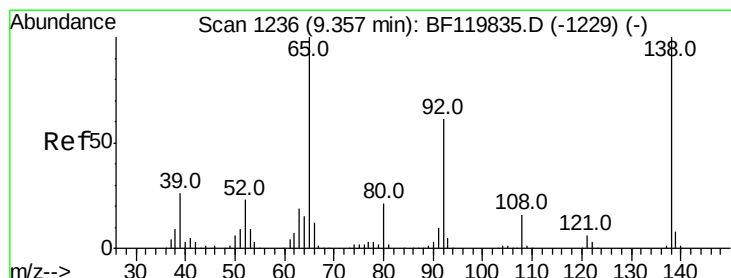
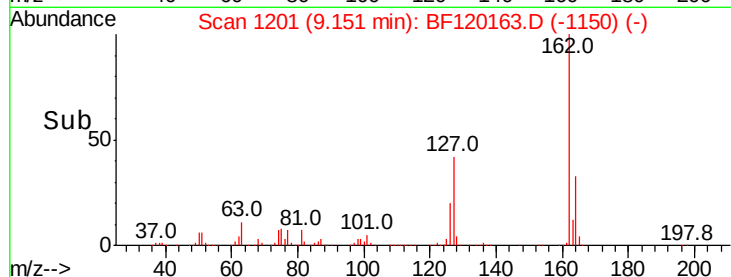
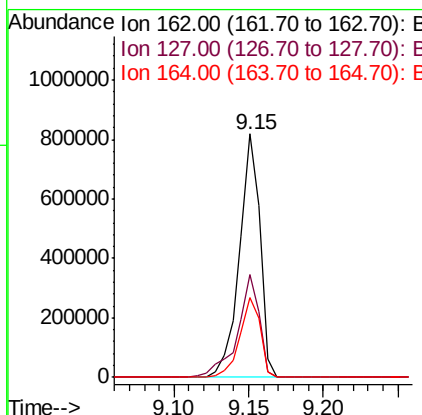
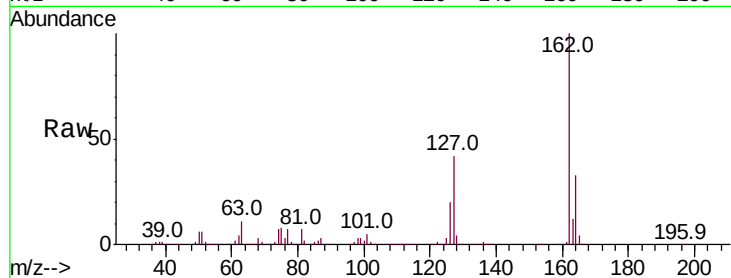




#47
 2-Chloronaphthalene
 Concen: 42.157 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

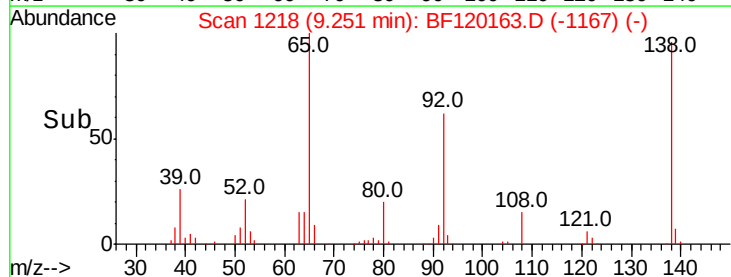
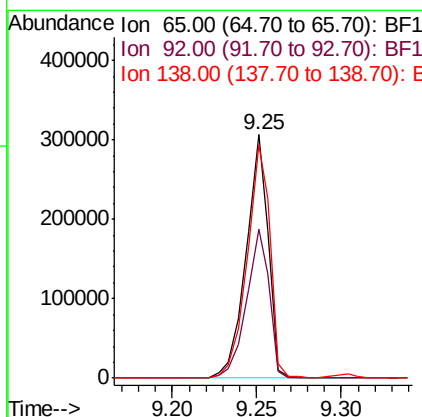
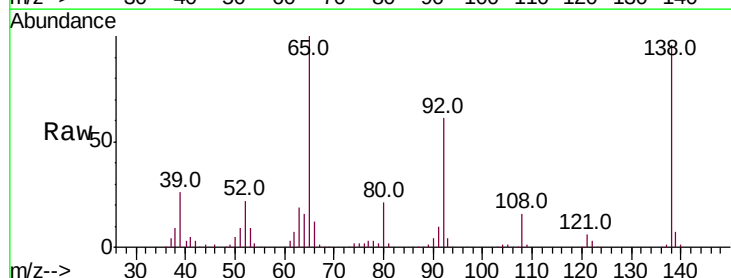
Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

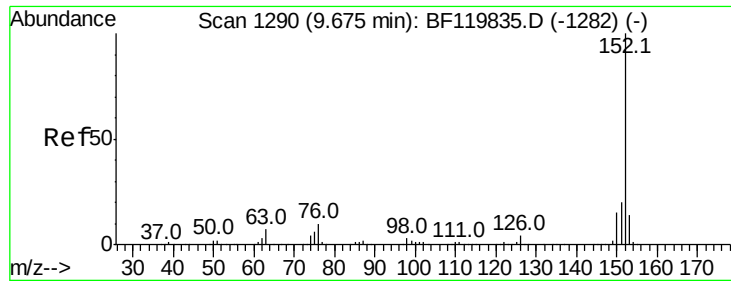
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.7	50.5
164	32.9	26.3	39.5



#48
 2-Nitroaniline
 Concen: 41.454 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	50.0	75.0
138	95.7	75.0	112.4





#49

Acenaphthylene

Concen: 44.305 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

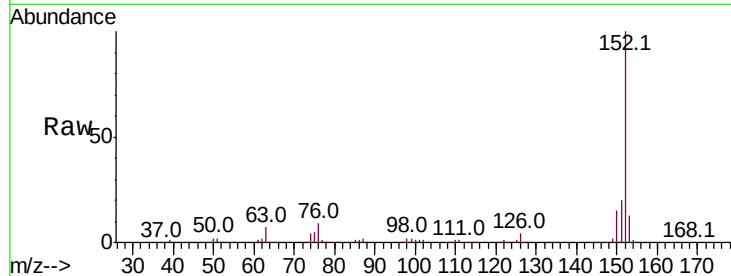
BNA_F

ClientSampleId :

PB128358BS

Tot Ion:152 Resp: 1254828

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.2	25.8
153	13.2	11.2	16.8

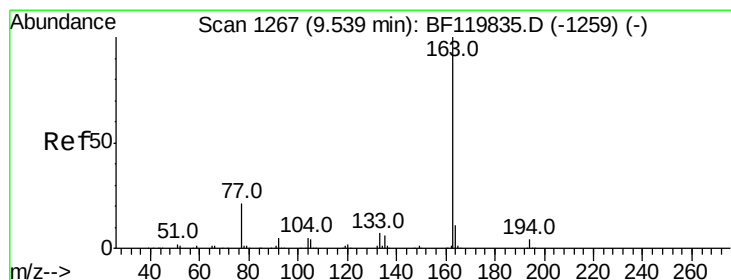
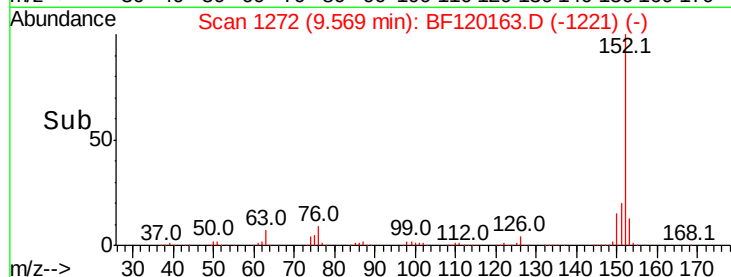
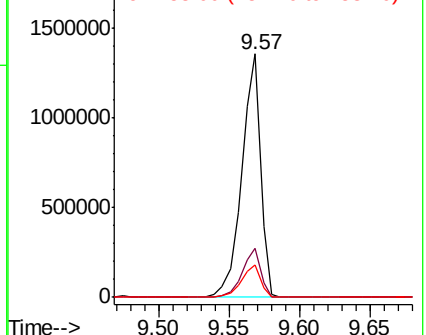


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.259 ng

RT: 9.44 min Scan# 1250

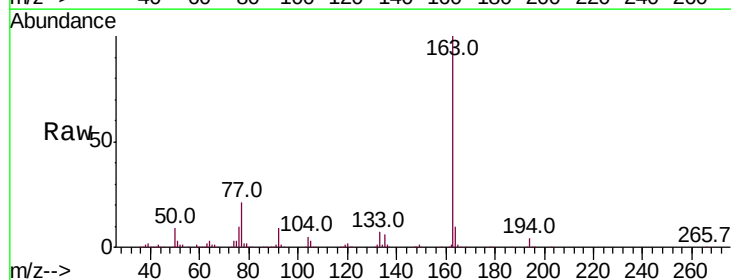
Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:163 Resp: 936200

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.9	8.2	12.2

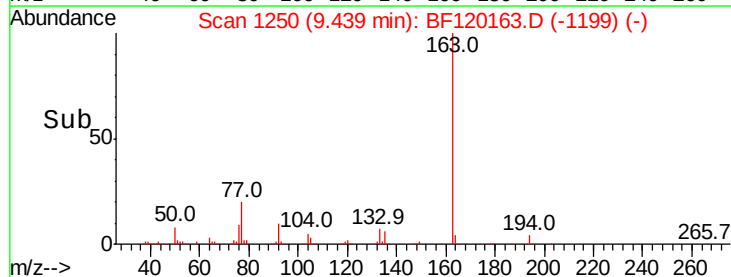
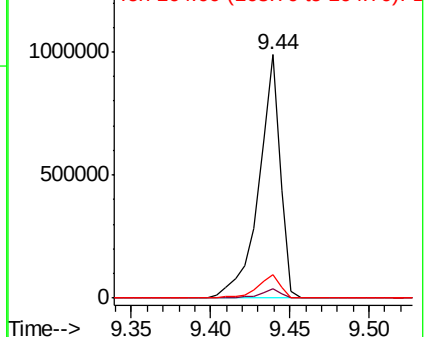


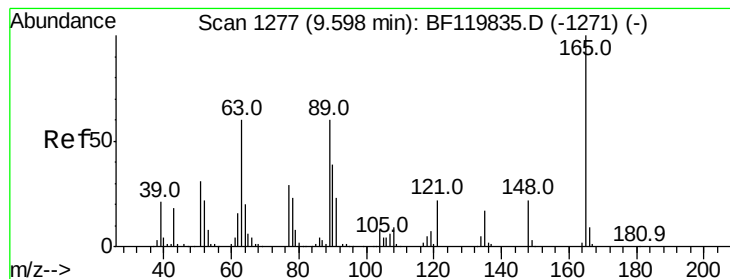
Abundance

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: 42.841 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

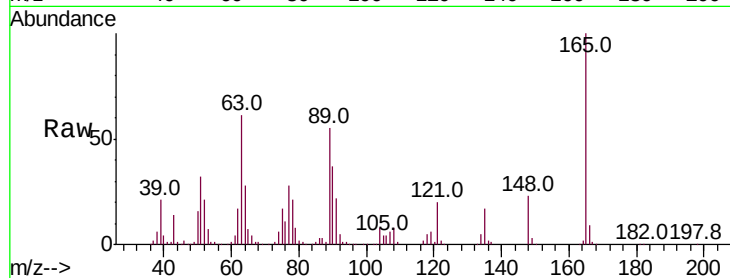
Tot Ion:165 Resp: 207832

Ion Ratio Lower Upper

165 100

63 61.2 45.0 67.4

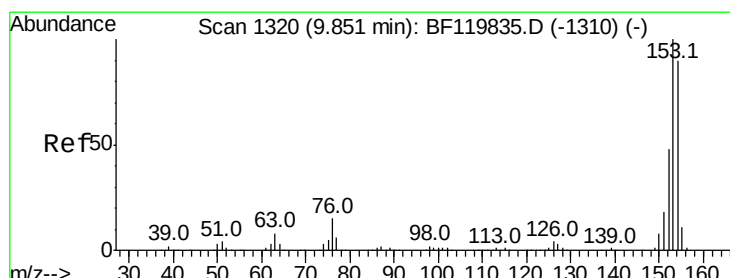
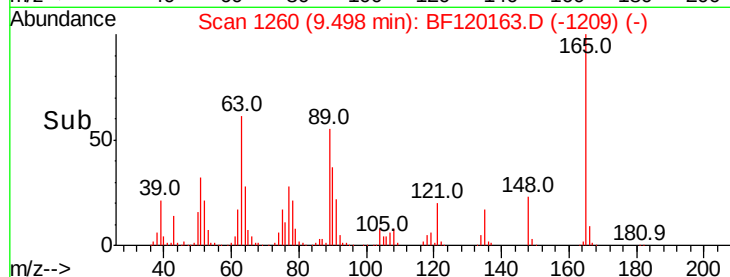
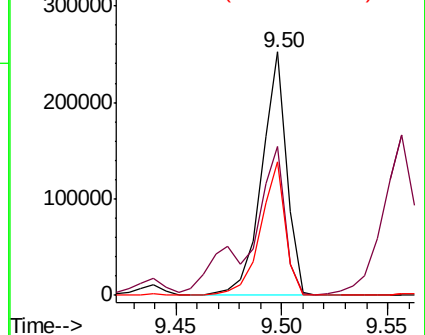
89 54.6 41.5 62.3



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: 39.004 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

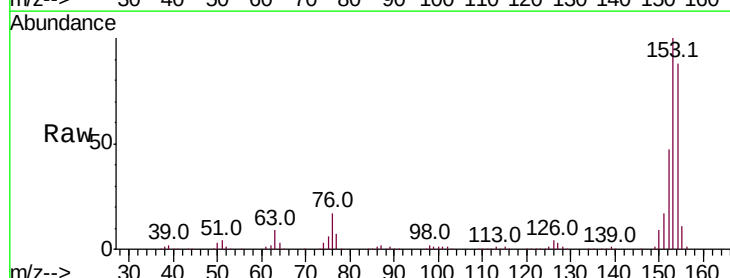
Tgt Ion:154 Resp: 736893

Ion Ratio Lower Upper

154 100

153 114.1 88.1 132.1

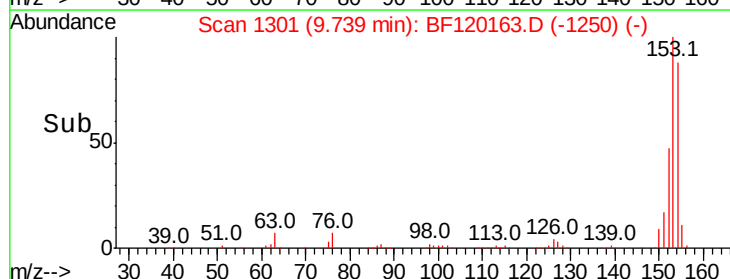
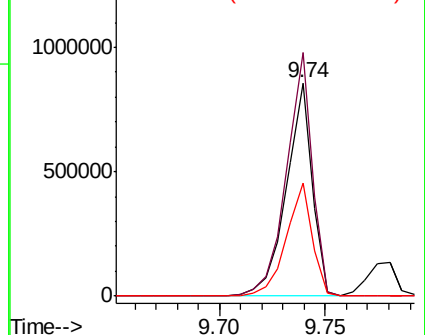
152 53.3 43.0 64.4

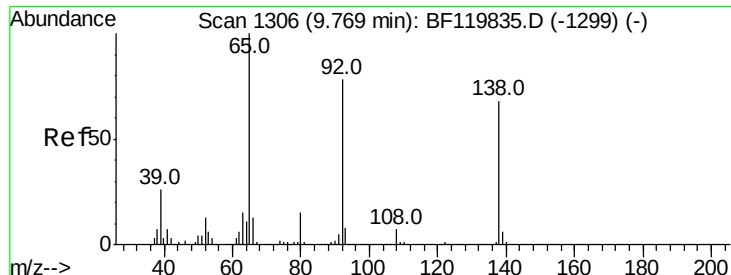


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

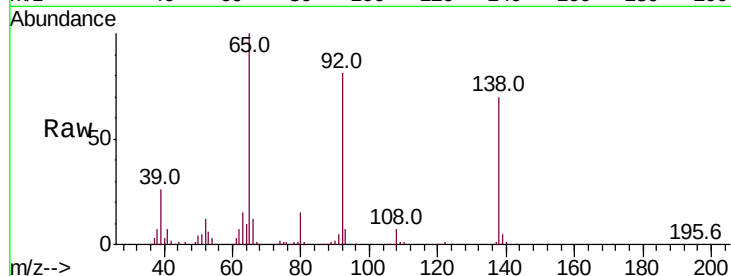




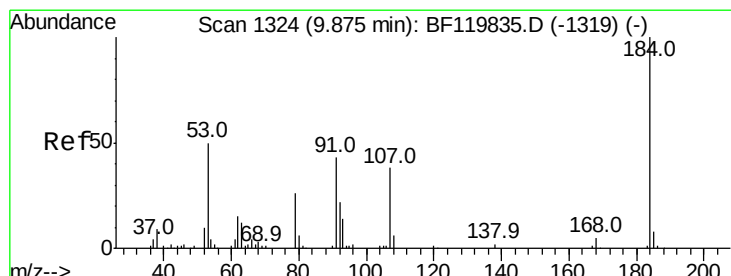
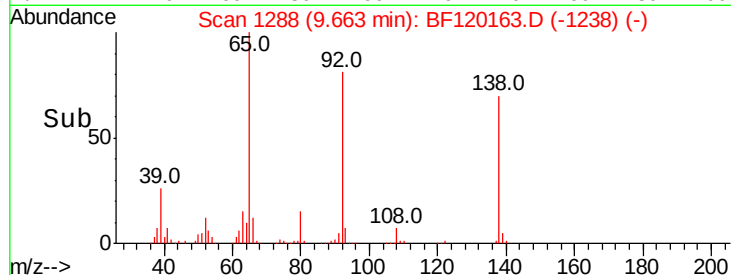
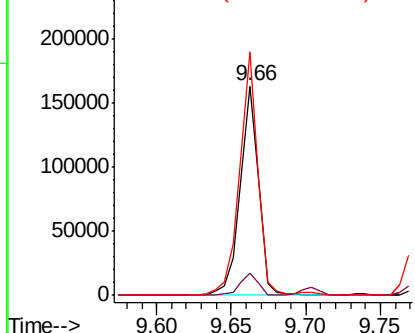
#53
3-Nitroaniline
Concen: 25.469 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion:138 Resp: 141117
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 116.5 95.4 143.0

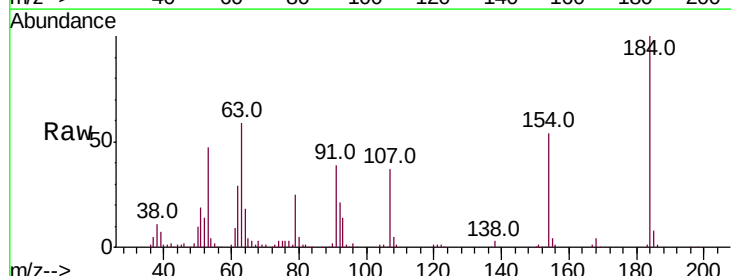


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

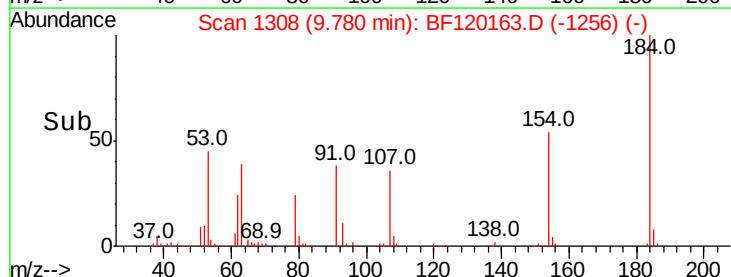
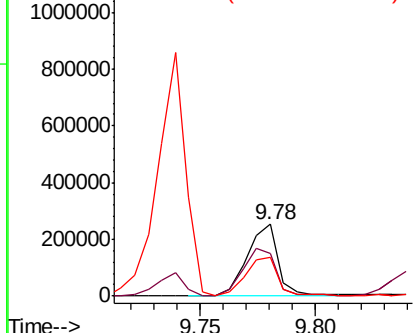


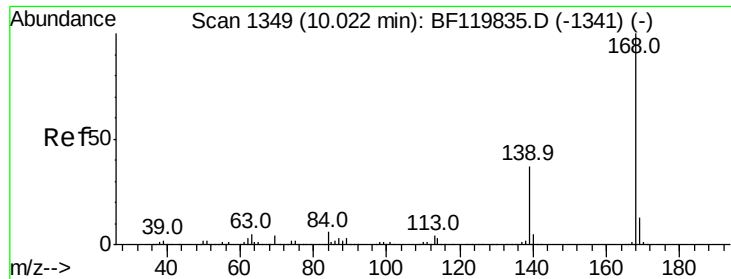
#54
2,4-Dinitrophenol
Concen: 82.631 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:184 Resp: 240000
Ion Ratio Lower Upper
184 100
63 59.4 50.2 75.4
154 53.9 44.5 66.7



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





#55

Dibenzofuran

Concen: 43.233 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

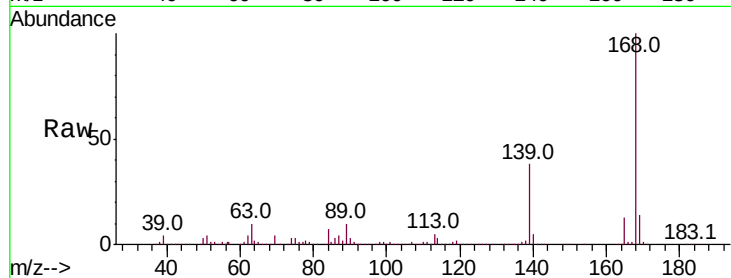
Tot Ion:168 Resp: 1120836

Ion Ratio Lower Upper

168 100

139 38.0 30.1 45.1

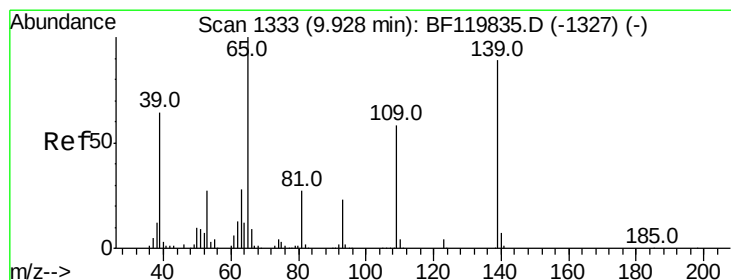
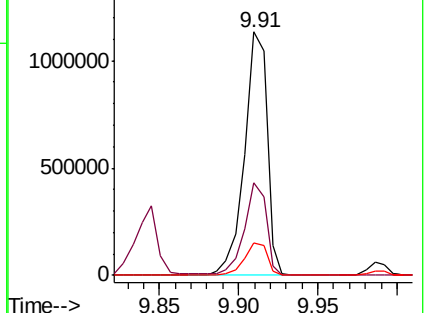
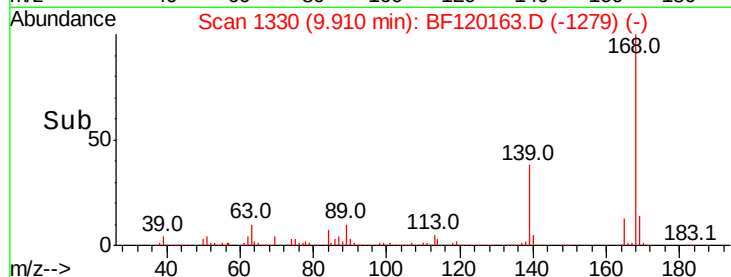
169 13.5 11.0 16.6



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: 77.236 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

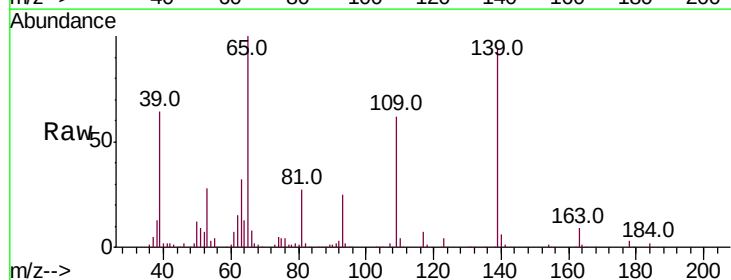
Tgt Ion:139 Resp: 318408

Ion Ratio Lower Upper

139 100

109 65.5 43.3 83.3

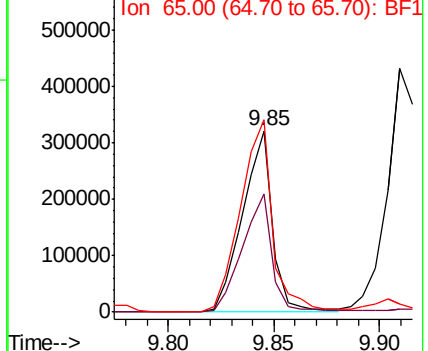
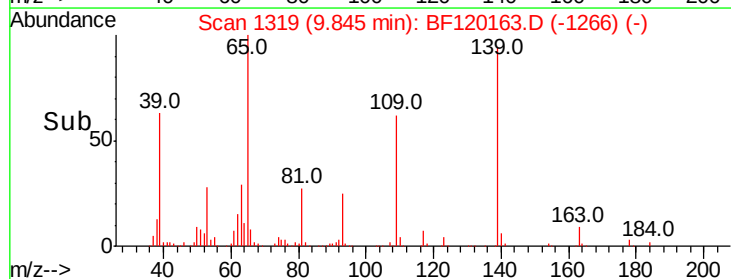
65 106.2 91.0 131.0

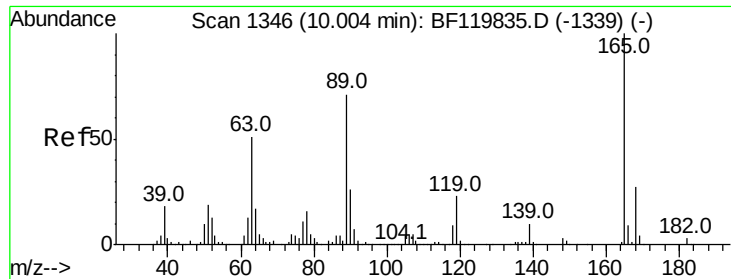


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

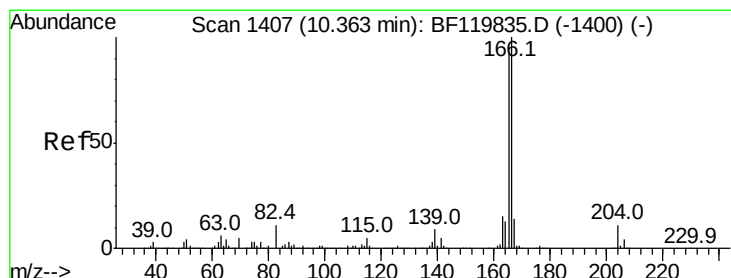
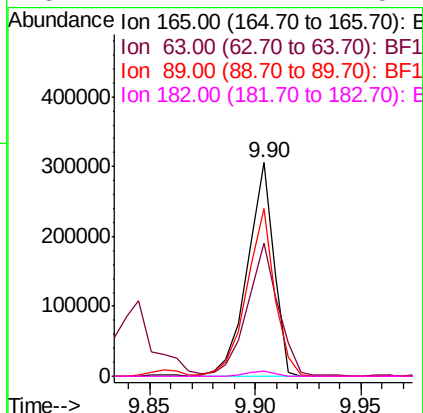
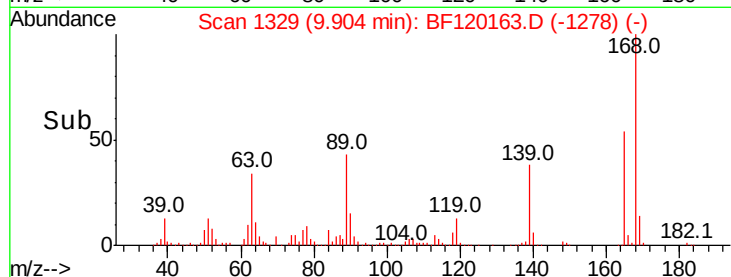
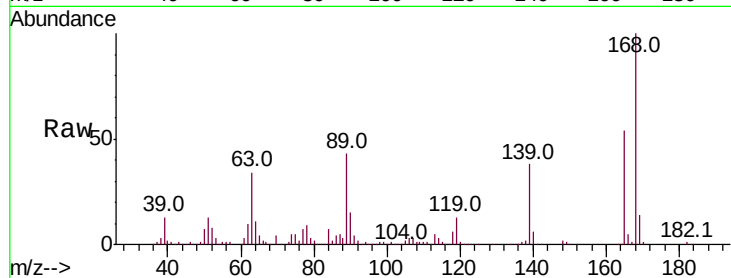




#57
 2,4-Dinitrotoluene
 Concen: 41.806 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

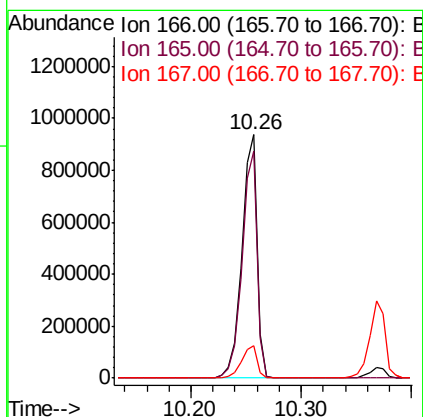
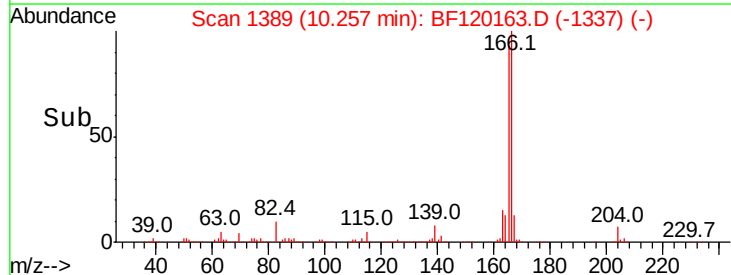
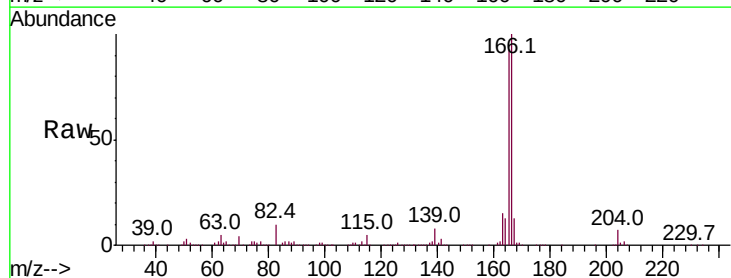
Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

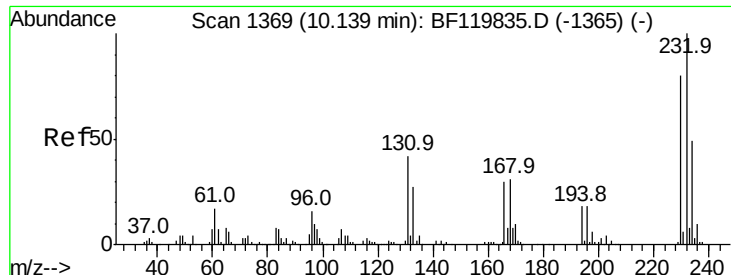
Tot Ion:165	Resp:	267211
Ion	Ratio	Lower Upper
165	100	
63	62.5	42.6 64.0
89	78.5	61.0 91.4
182	2.4	2.2 3.2



#58
 Fluorene
 Concen: 43.616 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion:166	Resp:	904332
Ion	Ratio	Lower Upper
166	100	
165	93.4	75.4 113.2
167	13.3	11.2 16.8

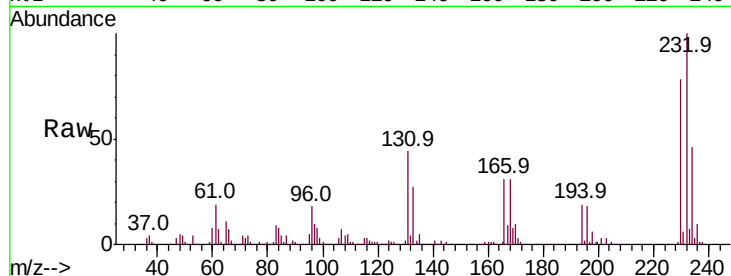




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.952 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion:	232	Resp:	236510
Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.5	56.3
130	2.1	1.8	2.6
166	32.0	24.6	36.8



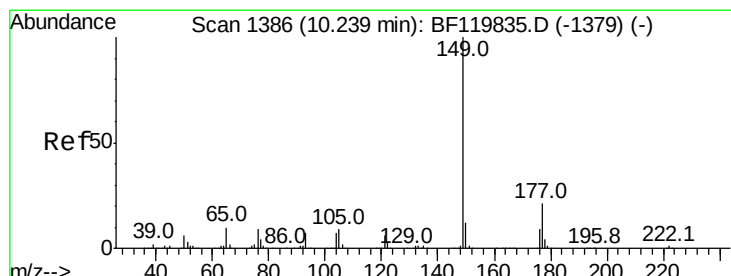
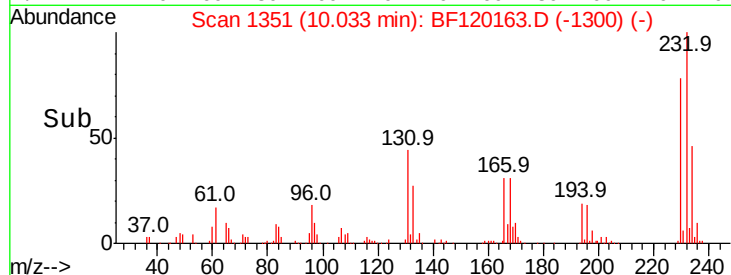
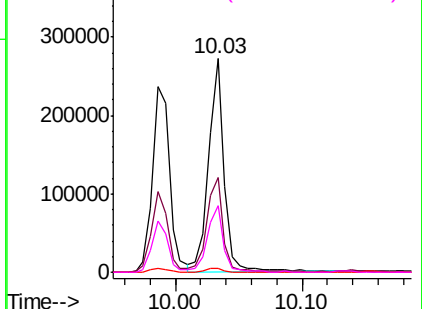
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

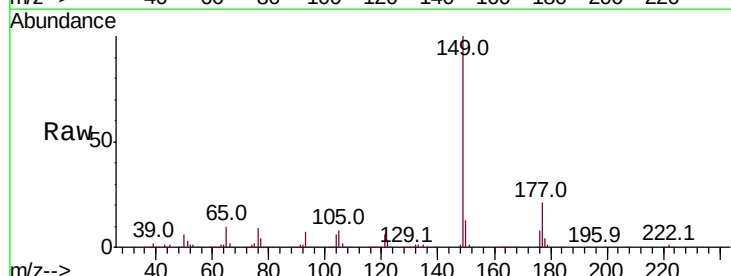
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.527 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion:	149	Resp:	976462
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	12.5	10.1	15.1

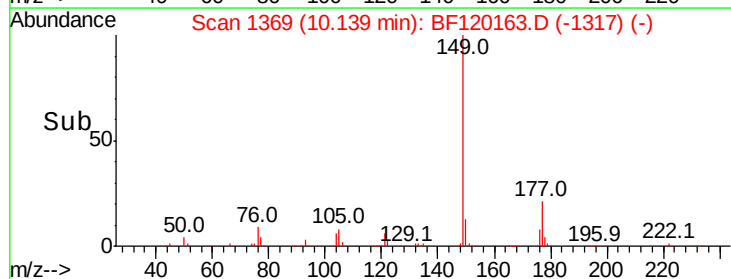
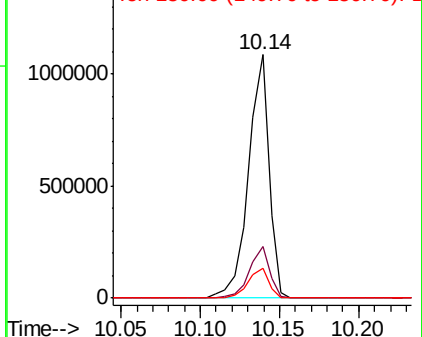


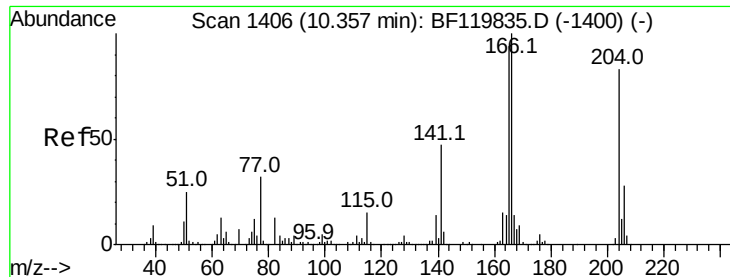
Abundance

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

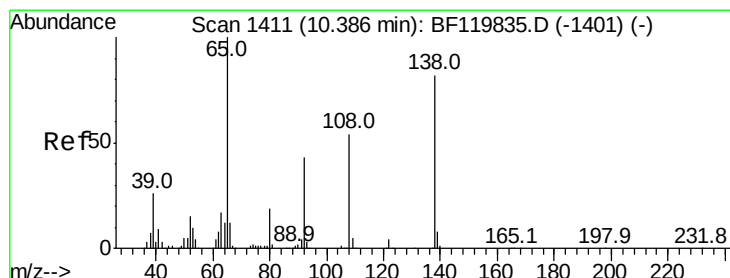
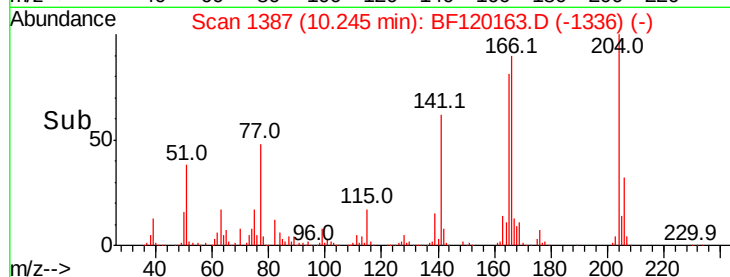
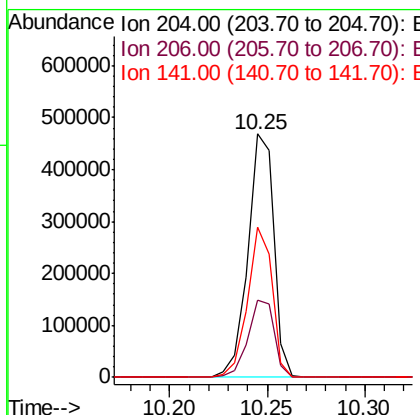
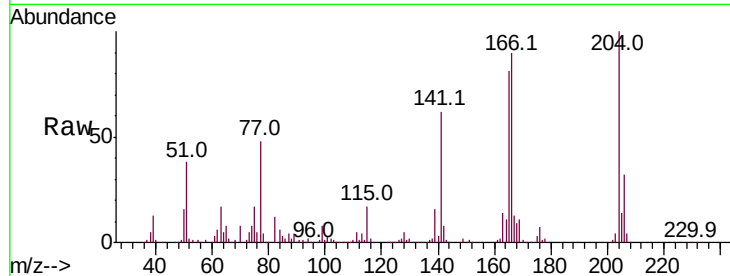




#61
 4-Chlorophenyl-phenylether
 Concen: 40.623 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

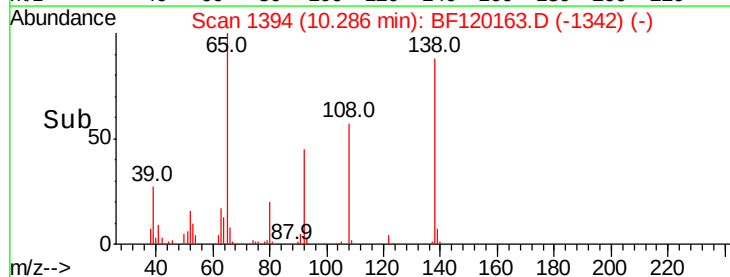
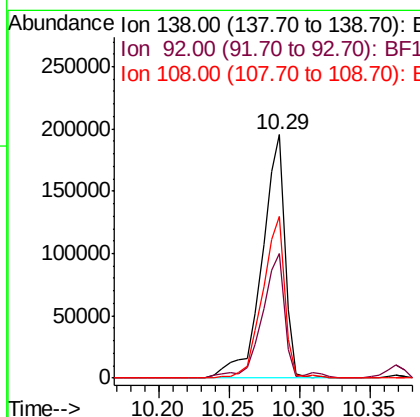
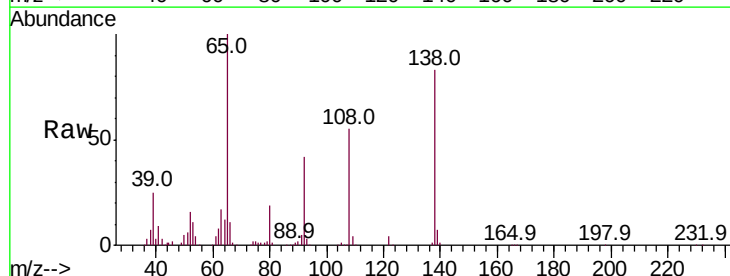
Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

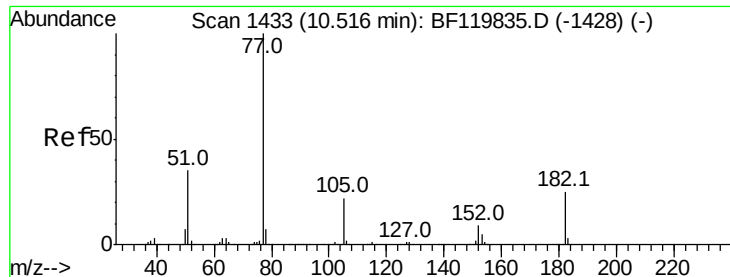
Tot Ion:204 Resp: 431698
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.7 40.1
 141 61.8 47.3 70.9



#62
 4-Nitroaniline
 Concen: 42.491 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion:138 Resp: 224366
 Ion Ratio Lower Upper
 138 100
 92 50.9 31.5 71.5
 108 66.4 45.8 85.8





#63

Azobenzene

Concen: 44.878 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tot Ion: 77 Resp: 923465

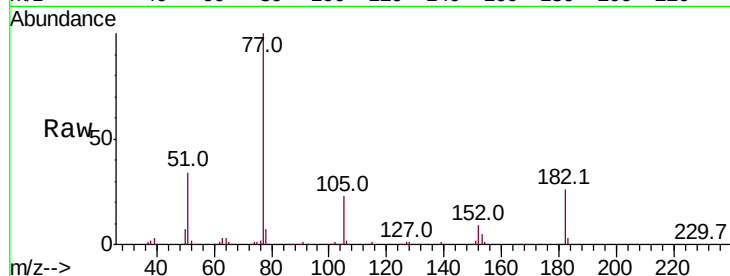
Ion Ratio Lower Upper

77 100

182 26.0 4.4 44.4

105 22.6 2.6 42.6

51 33.7 15.1 55.1

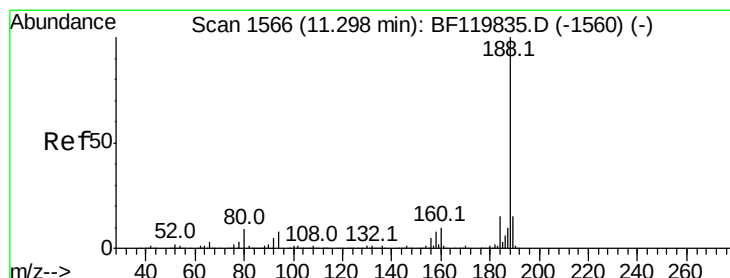
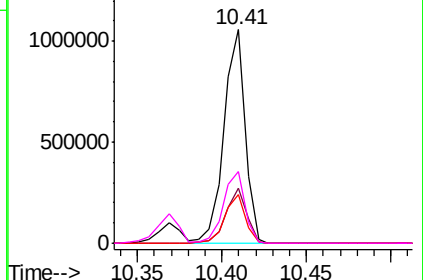
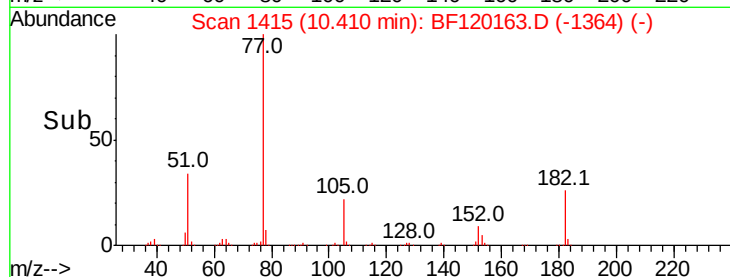


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

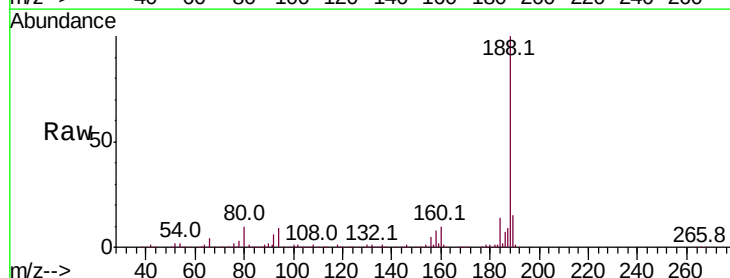
Tgt Ion: 188 Resp: 557393

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

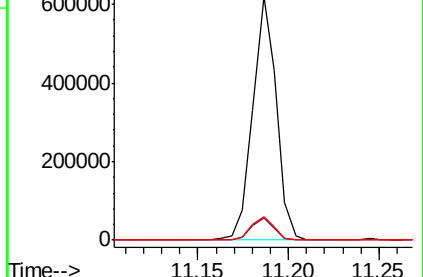
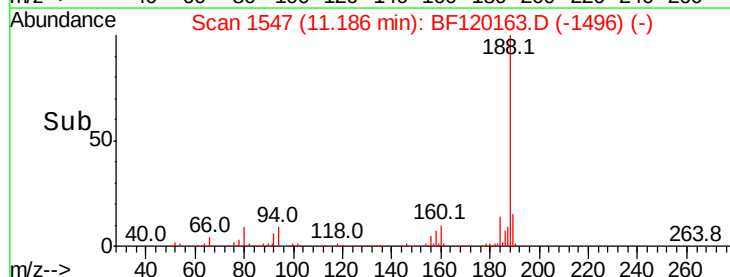
80 9.5 9.0 13.4

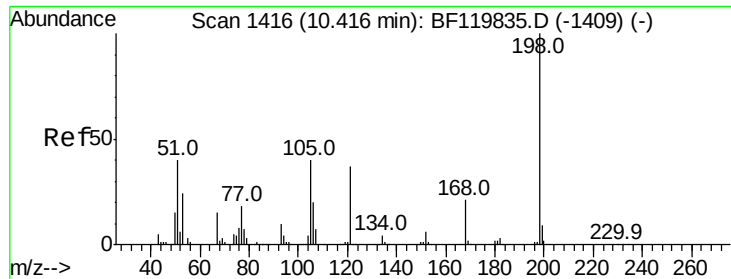


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

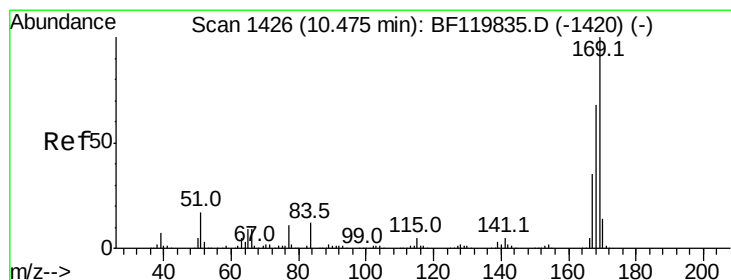
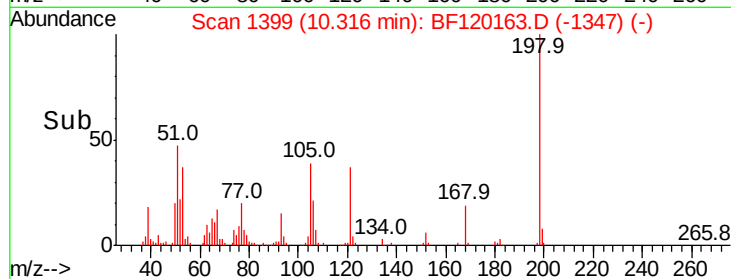
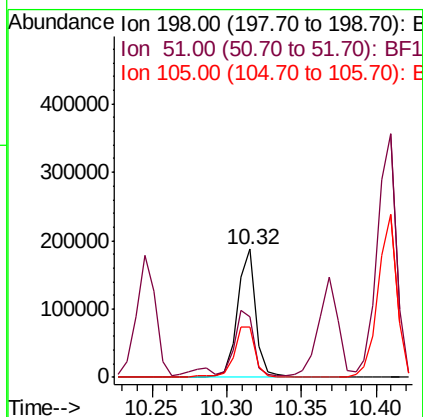
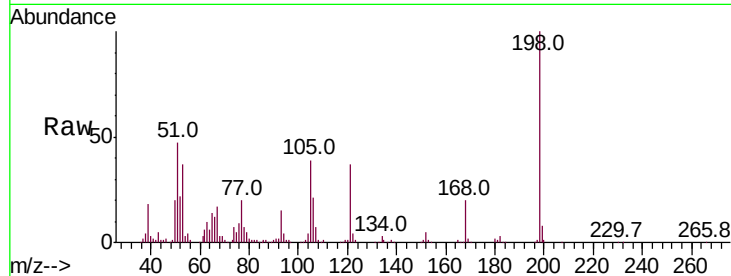




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.361 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

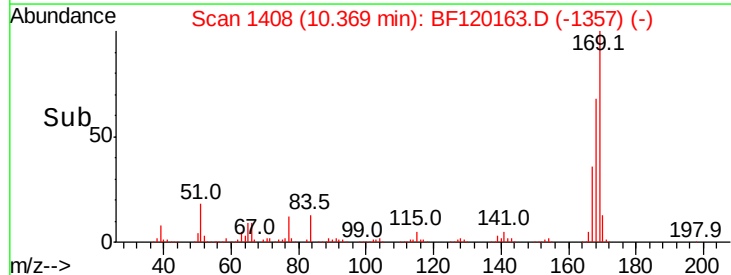
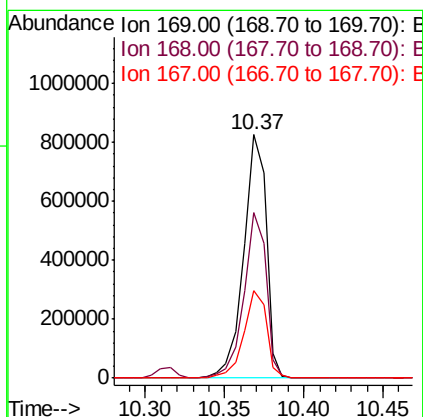
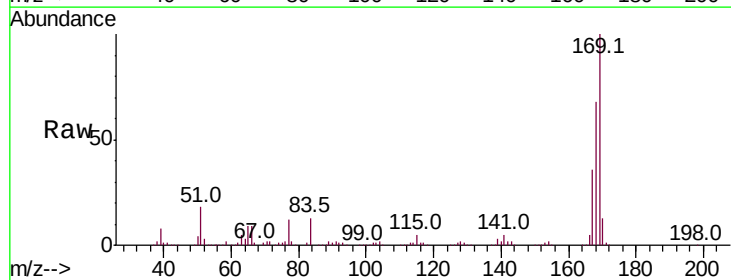
Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

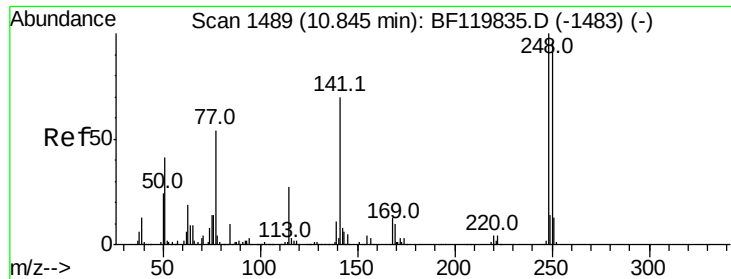
Tot Ion:198 Resp: 162902
 Ion Ratio Lower Upper
 198 100
 51 47.0 29.0 69.0
 105 39.2 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 43.965 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion:169 Resp: 815003
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.2 79.8
 167 36.2 29.1 43.7

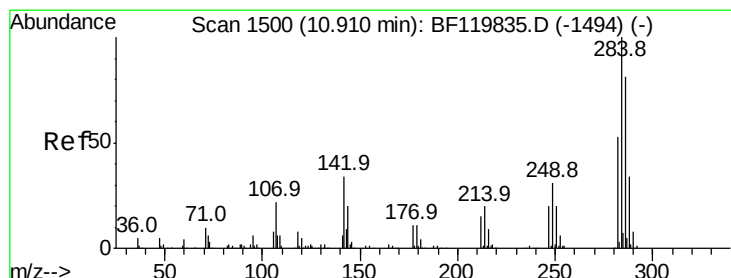
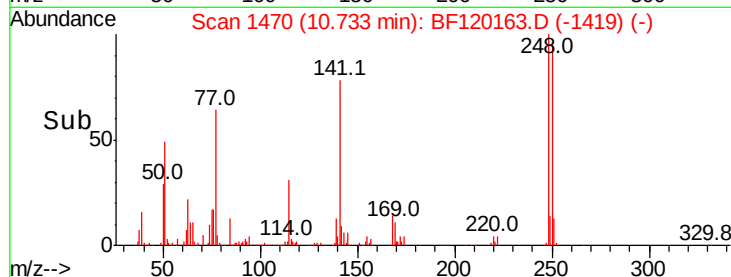
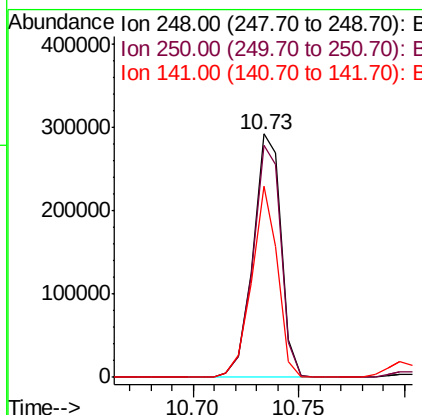
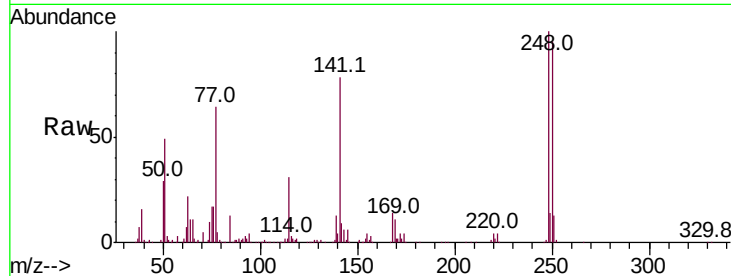




#67
4-Bromophenyl-phenylether
Concen: 39.069 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

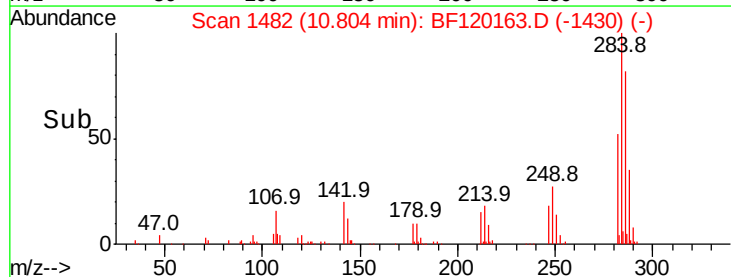
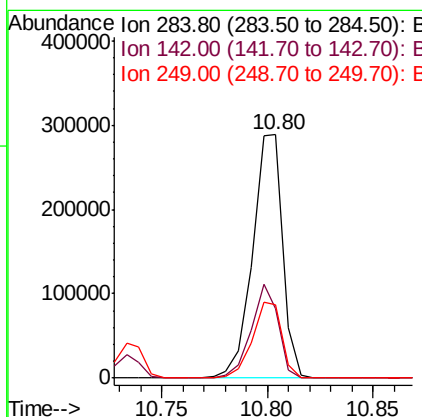
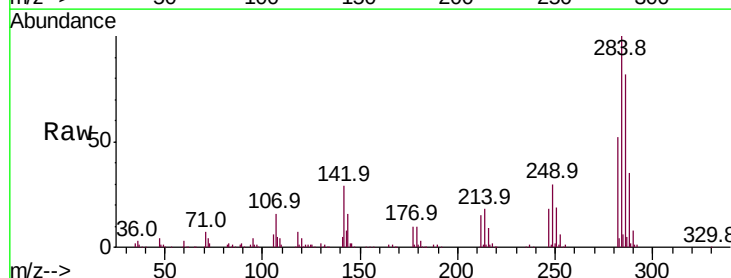
Instrument :
BNA_F
ClientSampleId :
PB128358BS

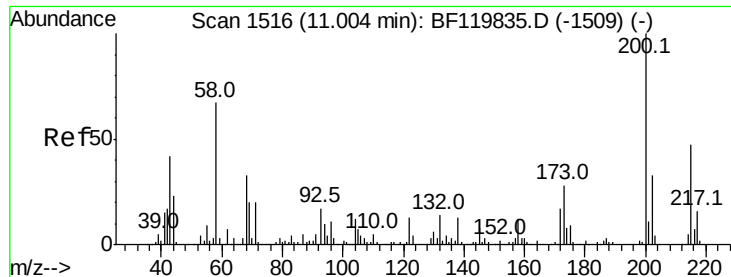
Tot Ion:248 Resp: 270815
Ion Ratio Lower Upper
248 100
250 95.3 77.3 115.9
141 78.3 58.6 87.8



#68
Hexachlorobenzene
Concen: 40.746 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:284 Resp: 286528
Ion Ratio Lower Upper
284 100
142 28.6 29.2 43.8#
249 29.9 25.1 37.7

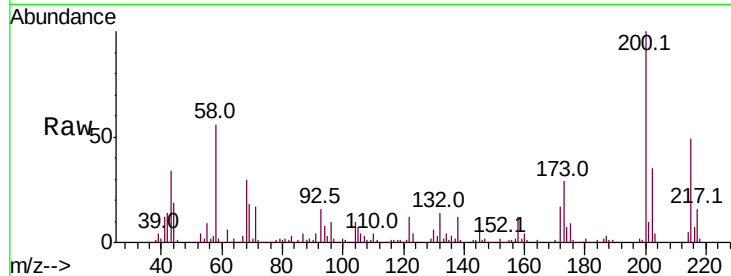




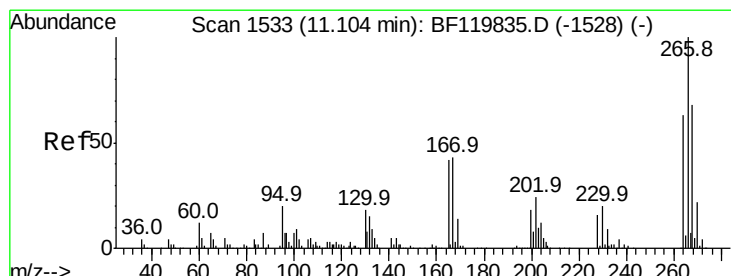
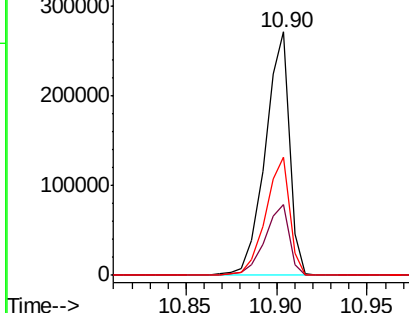
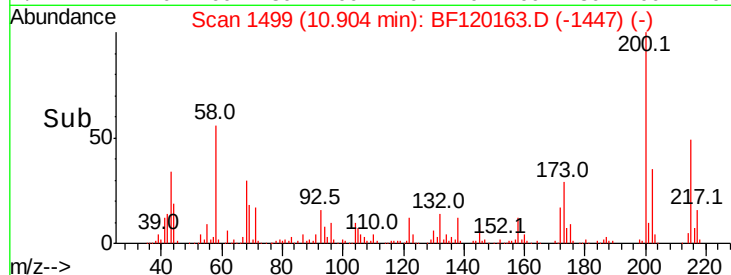
#69
 Atrazine
 Concen: 48.581 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	9.3	49.3
215	48.7	29.5	69.5

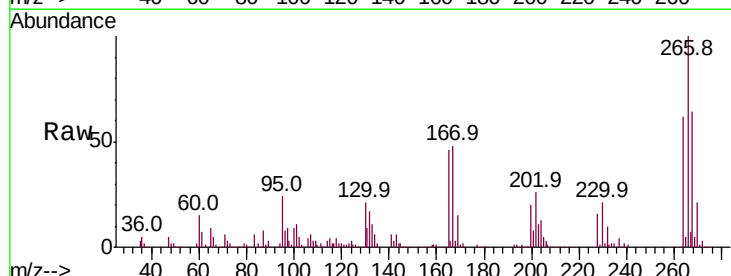


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

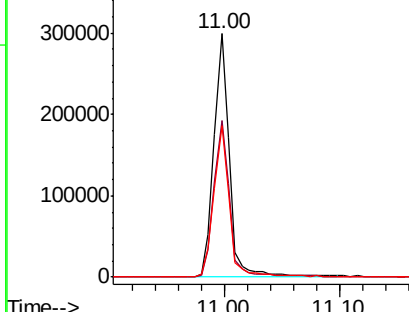
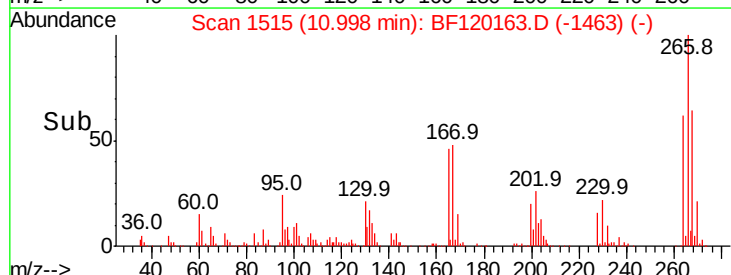


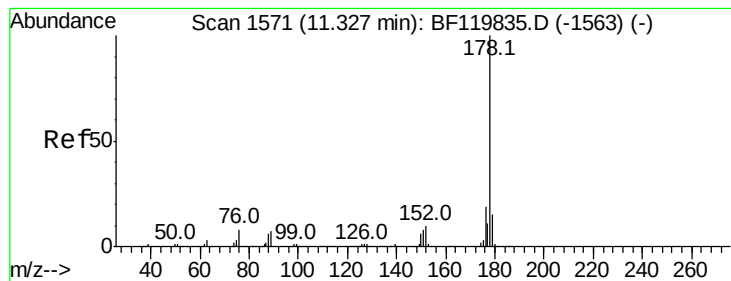
#70
 Pentachlorophenol
 Concen: 69.446 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	53.3	79.9
264	62.3	49.0	73.4



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





#71

Phenanthrene

Concen: 43.369 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

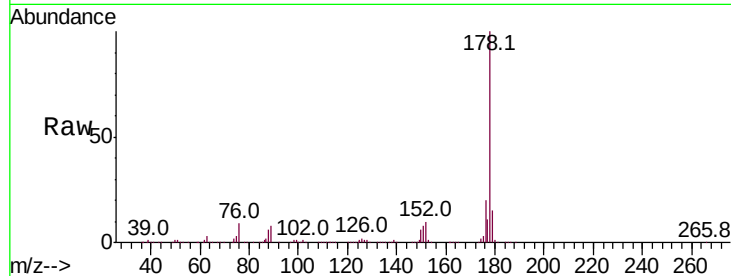
Tot Ion:178 Resp: 1286549

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

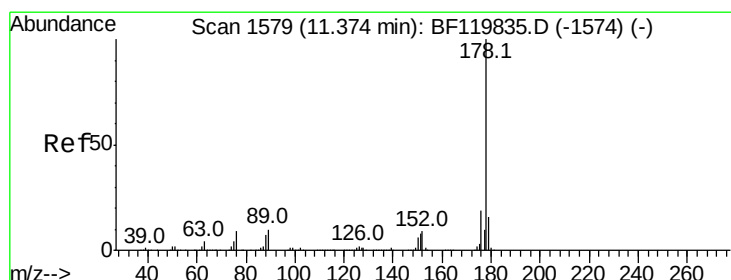
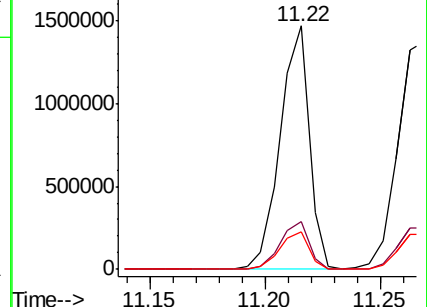
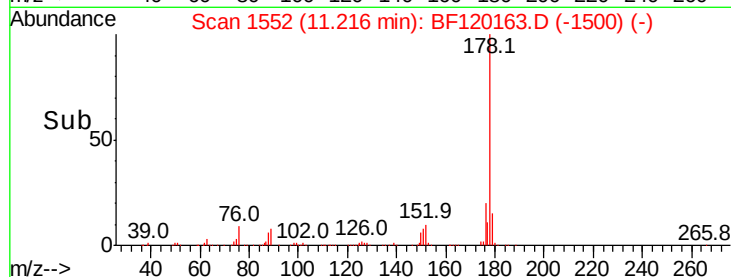
179 15.4 13.2 19.8



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: 44.351 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

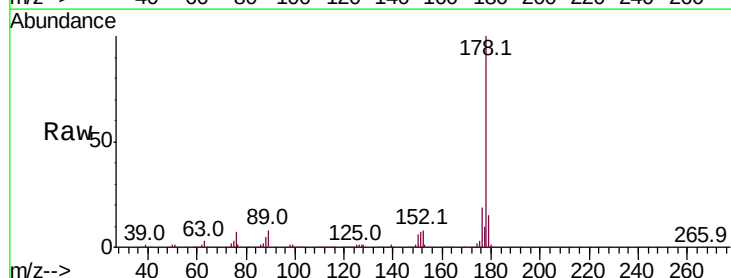
Tgt Ion:178 Resp: 1344038

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

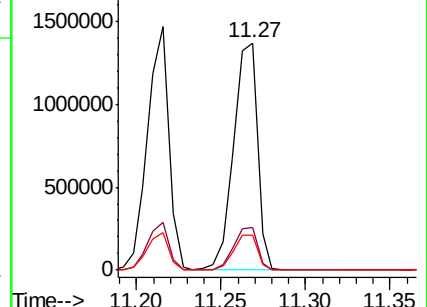
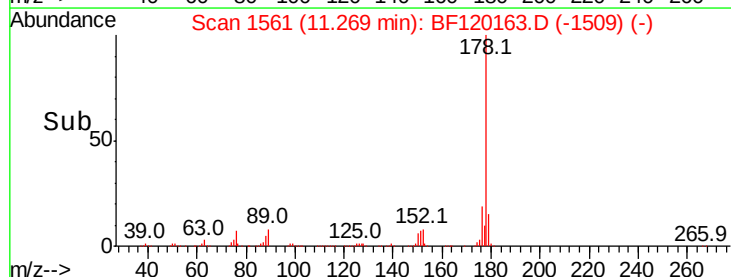
179 15.5 13.0 19.4

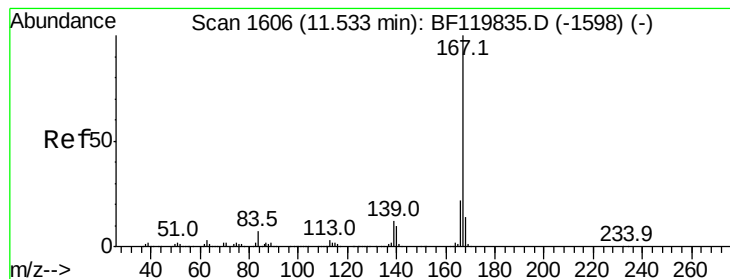


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.732 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

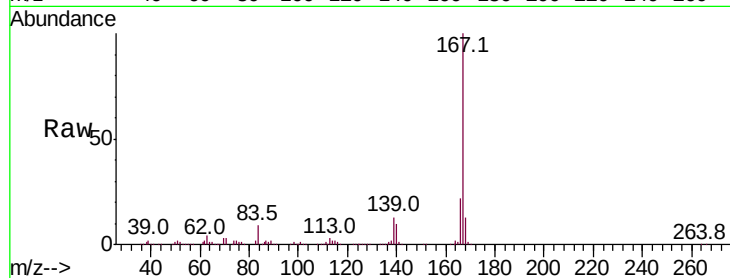
Tot Ion:167 Resp: 1224613

Ion Ratio Lower Upper

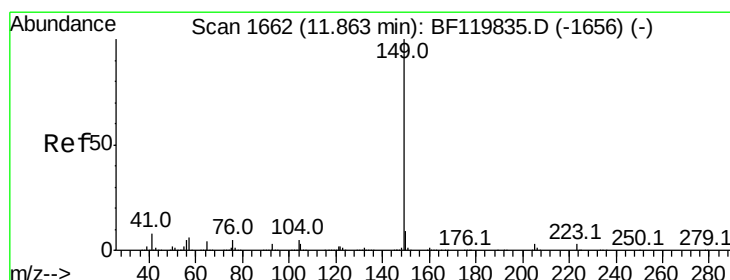
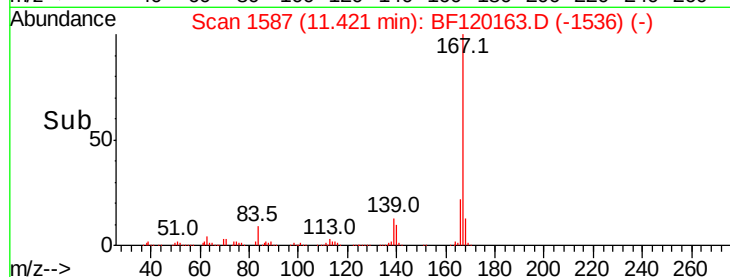
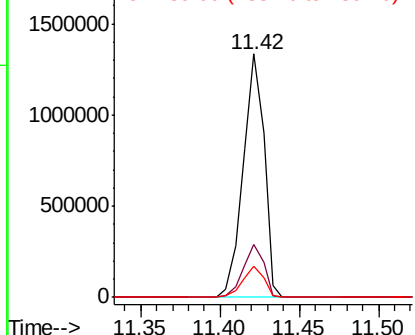
167 100

166 21.6 18.2 27.4

139 13.0 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: 42.205 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

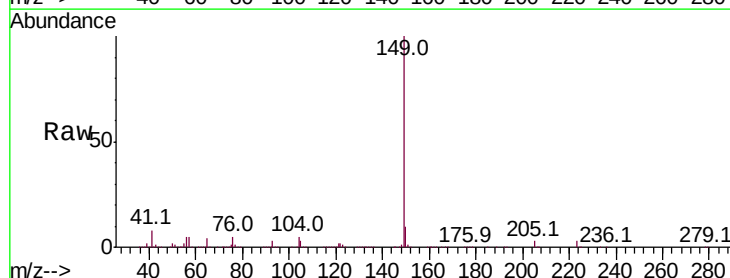
Tgt Ion:149 Resp: 1590013

Ion Ratio Lower Upper

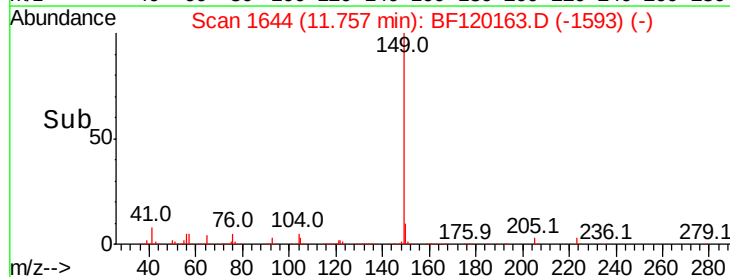
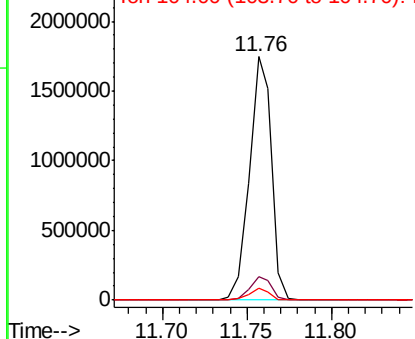
149 100

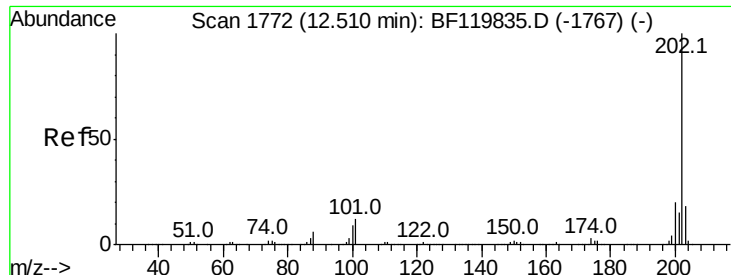
150 9.7 7.8 11.8

104 4.7 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

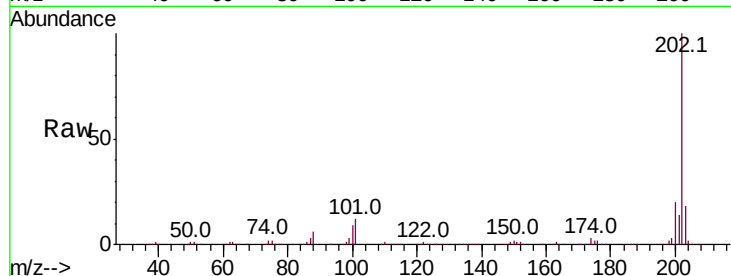




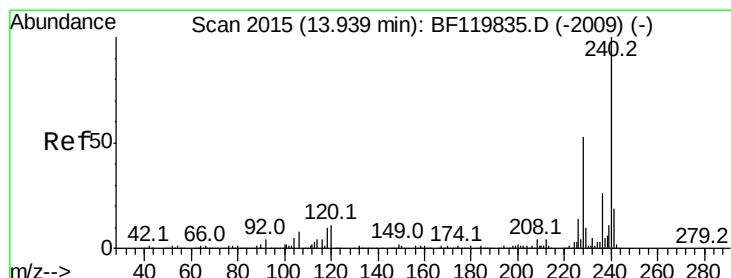
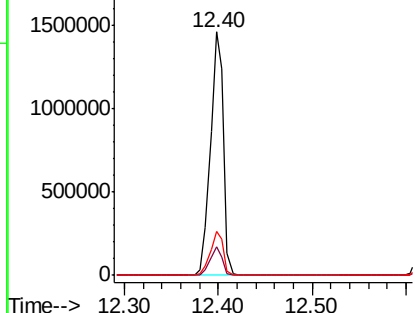
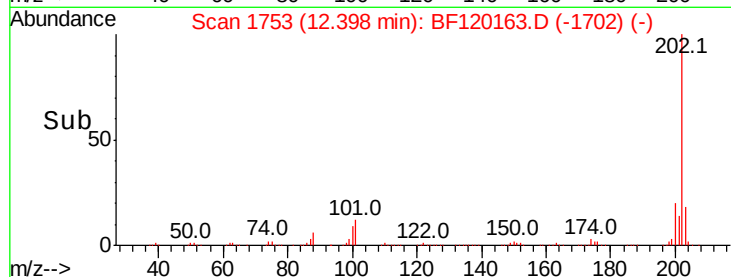
#75
 Fluoranthene
 Concen: 44.547 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tot Ion:202 Resp: 1425865
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 32.2
 203 18.0 0.0 38.8

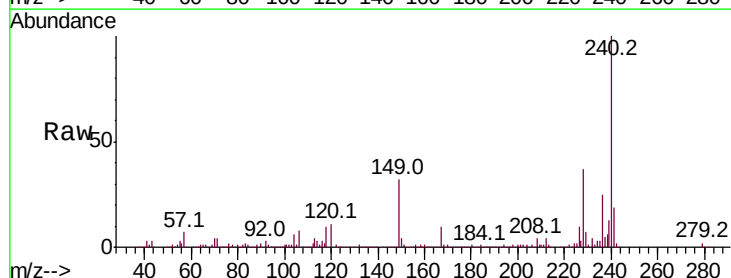


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

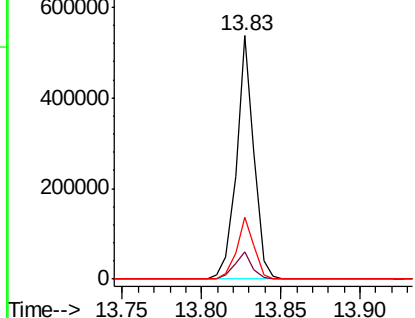
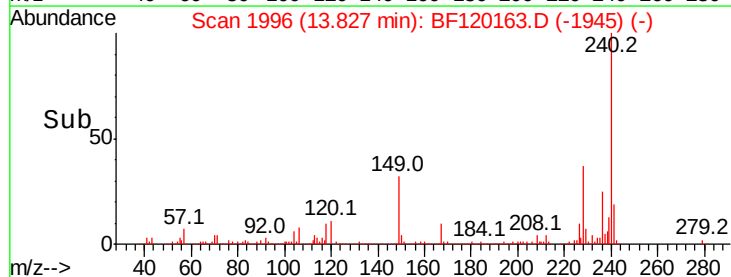


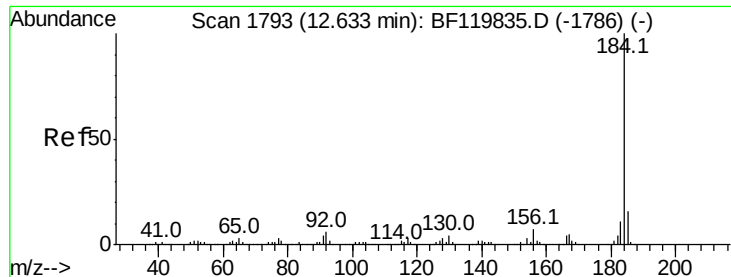
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120163.D
 Acq: 23 Apr 2020 15:09

Tgt Ion:240 Resp: 407710
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.6 15.8
 236 25.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 600000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.447 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

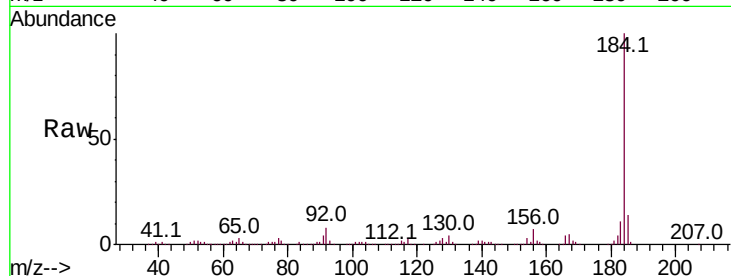
Tot Ion:184 Resp: 777942

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

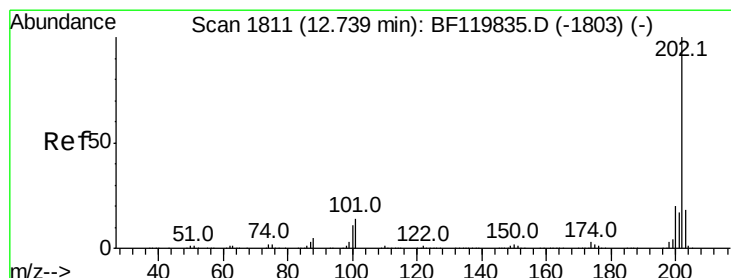
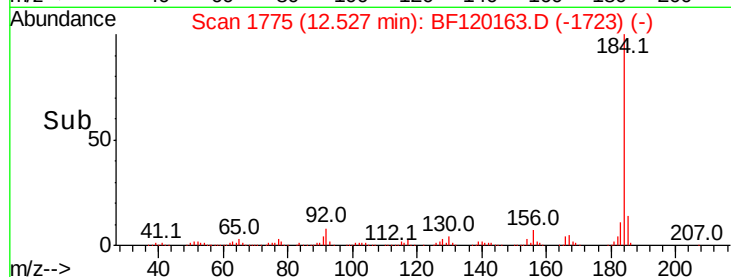
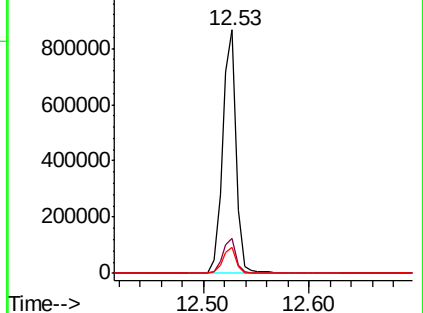
183 10.8 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.105 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

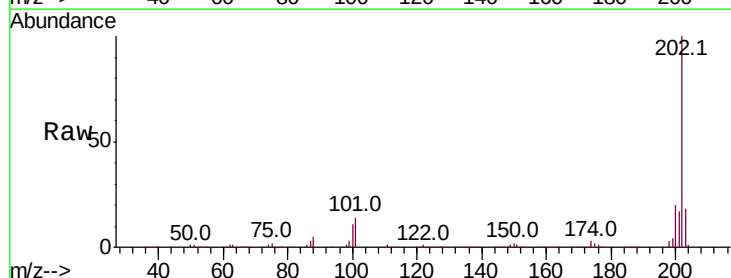
Tgt Ion:202 Resp: 1412810

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

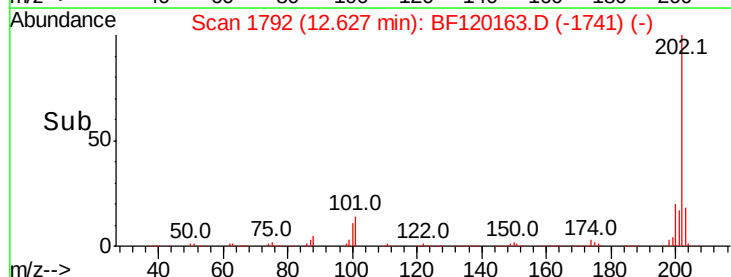
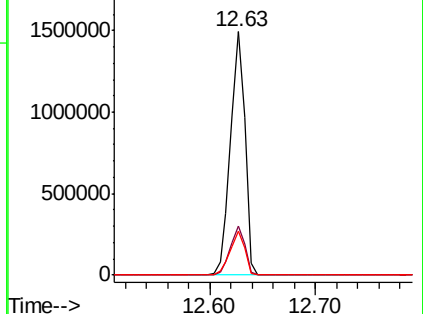
203 17.8 15.1 22.7

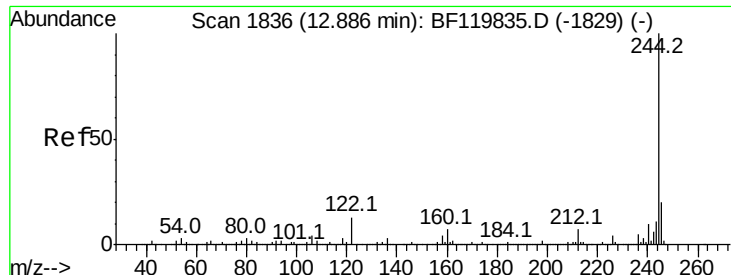


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.884 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

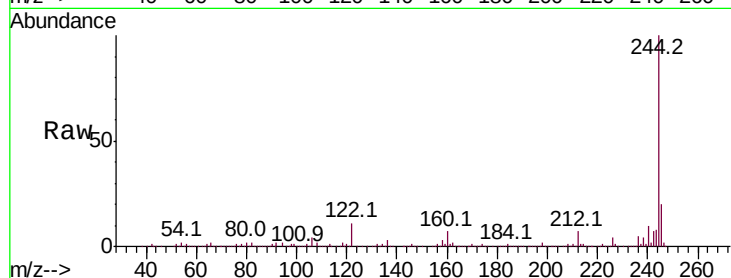
Tot Ion:244 Resp: 1862905

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

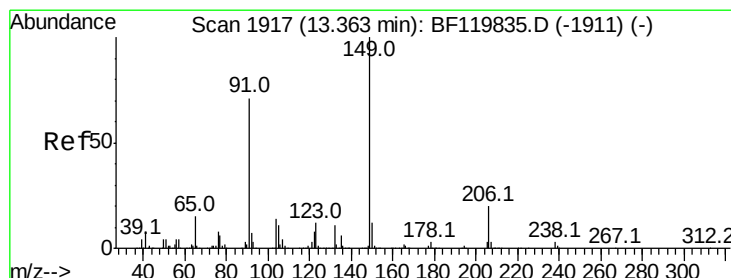
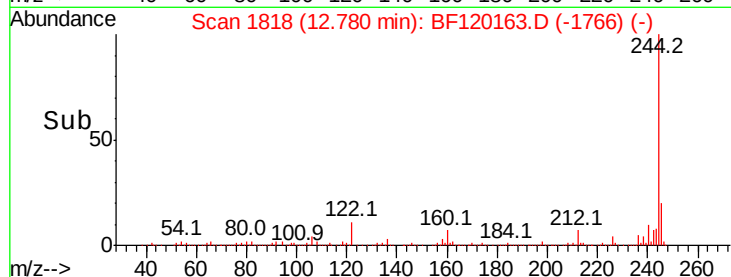
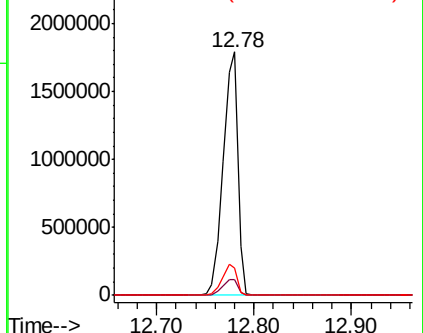
122 11.4 10.3 15.5



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: 39.596 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

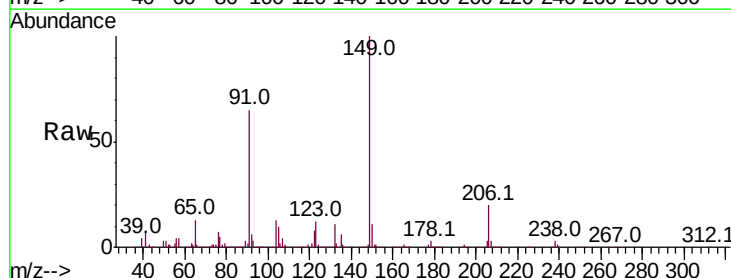
Tgt Ion:149 Resp: 660379

Ion Ratio Lower Upper

149 100

91 64.9 54.7 82.1

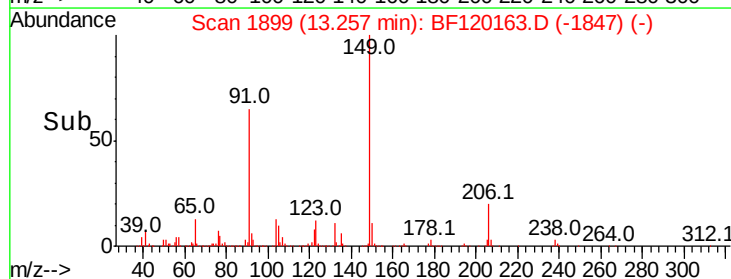
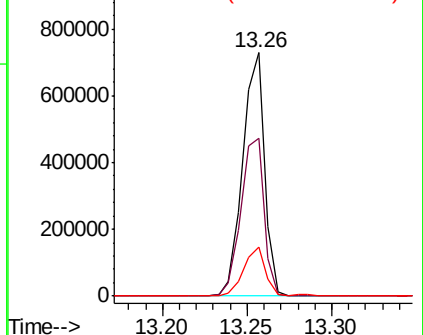
206 20.4 16.2 24.2

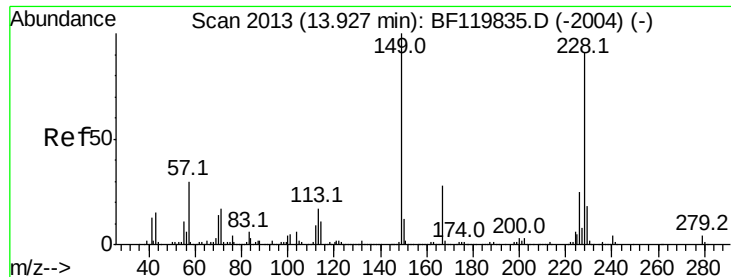


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.696 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

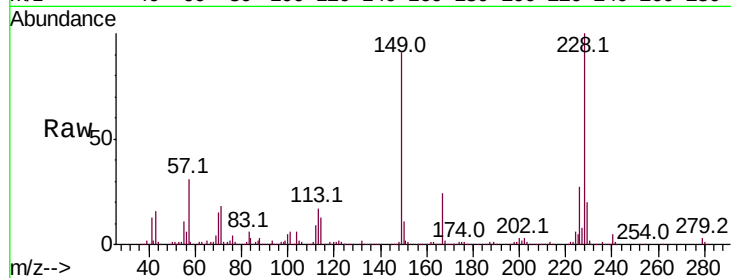
Tot Ion:228 Resp: 1145174

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

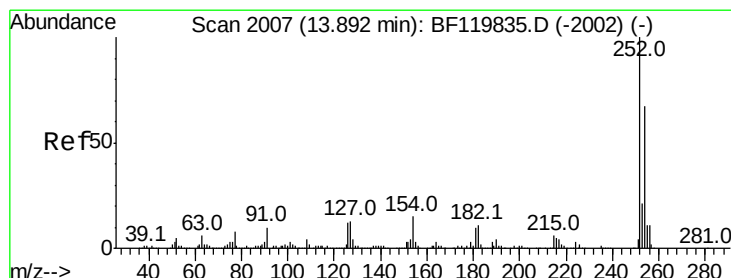
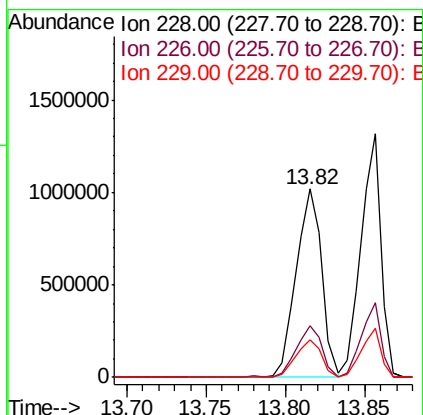
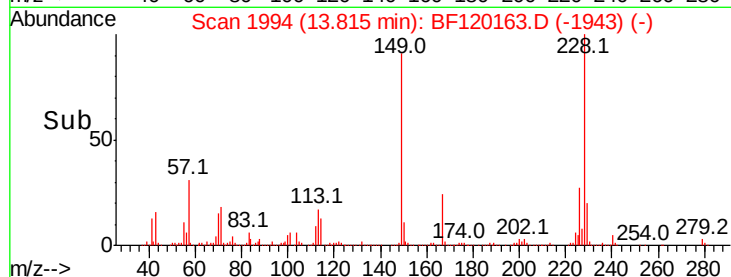
229 19.8 16.2 24.4



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: 24.477 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

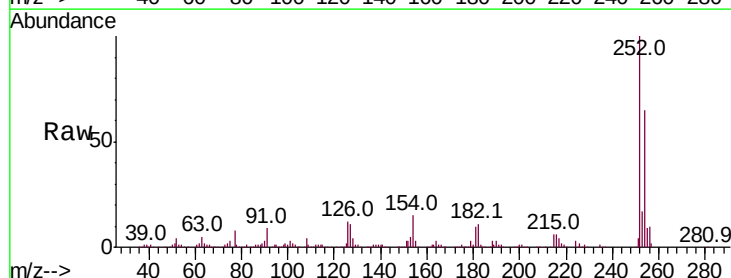
Tgt Ion:252 Resp: 244961

Ion Ratio Lower Upper

252 100

254 65.4 51.2 76.8

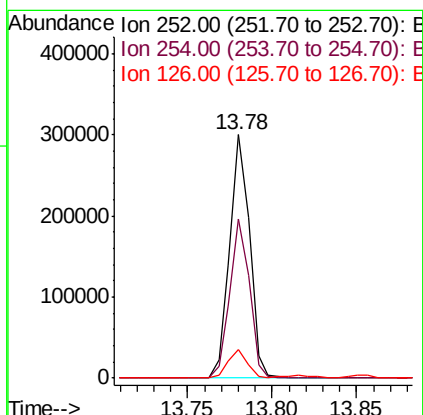
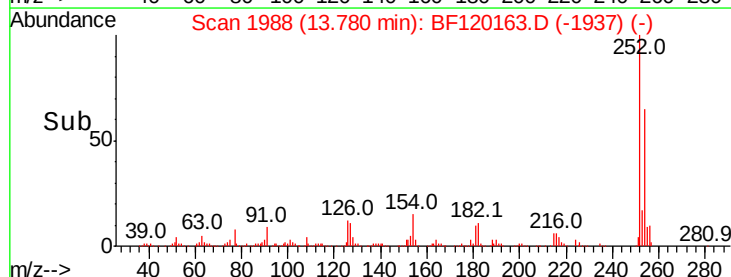
126 11.8 9.6 14.4

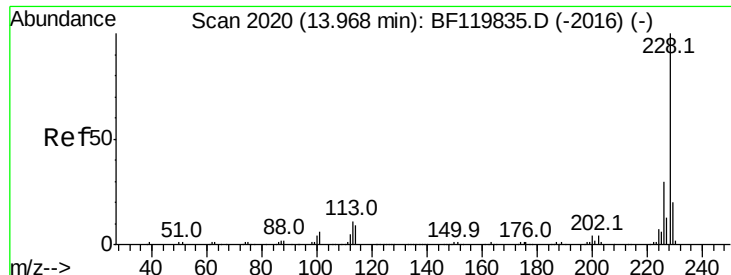


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



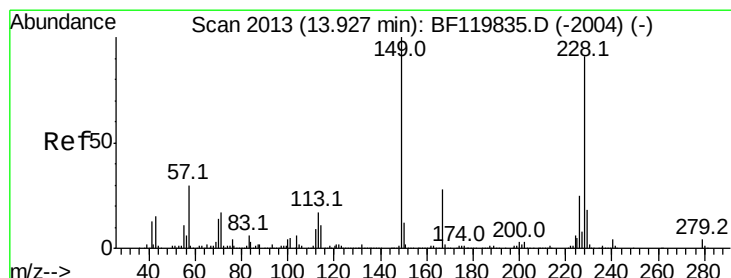
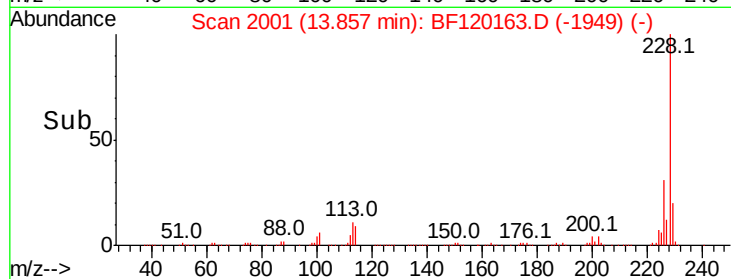
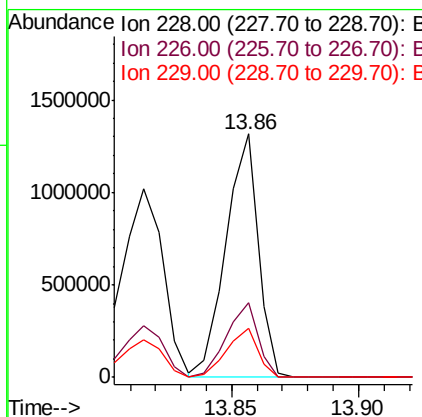
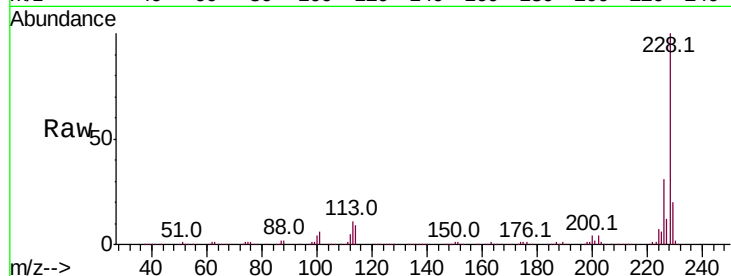


#83
Chrysene
Concen: 42.632 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tot Ion:228 Resp: 1161862

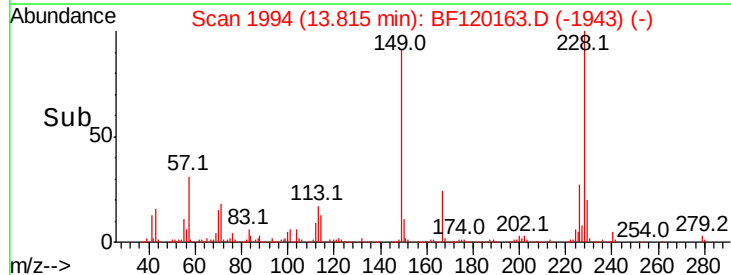
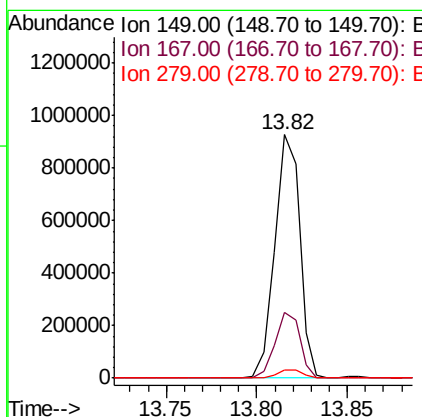
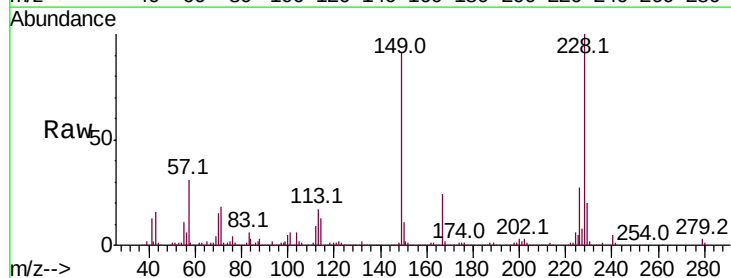
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	20.2	16.6	24.8

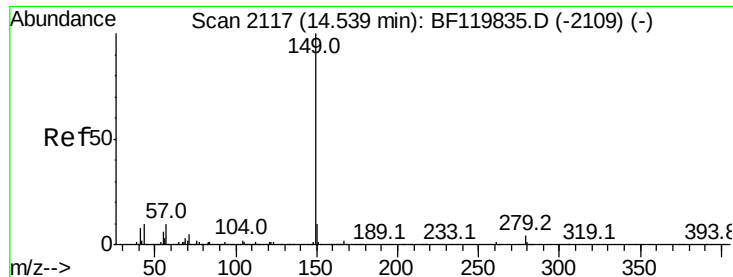


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.470 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion:149 Resp: 891446

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.3	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 40.676 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

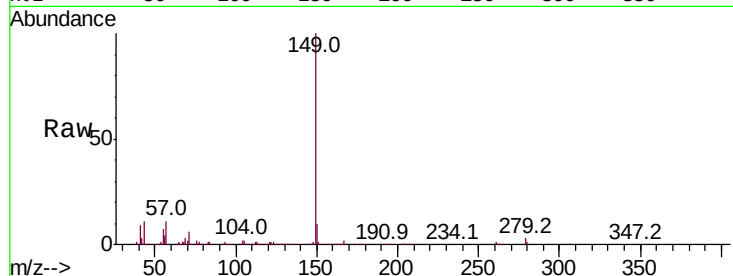
Tot Ion:149 Resp: 1564194

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

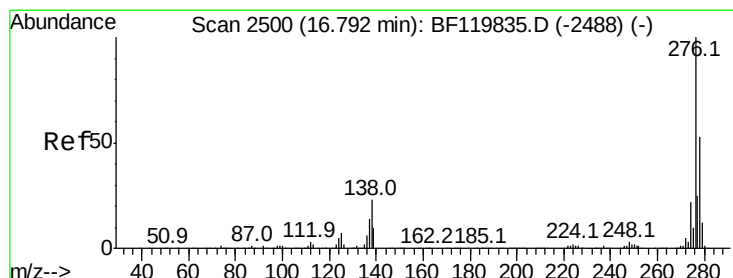
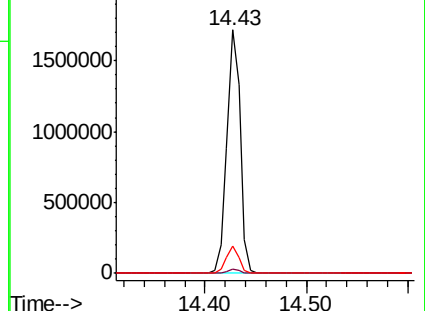
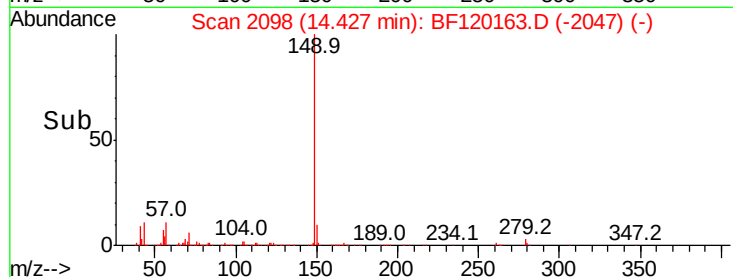
43 10.9 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.490 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

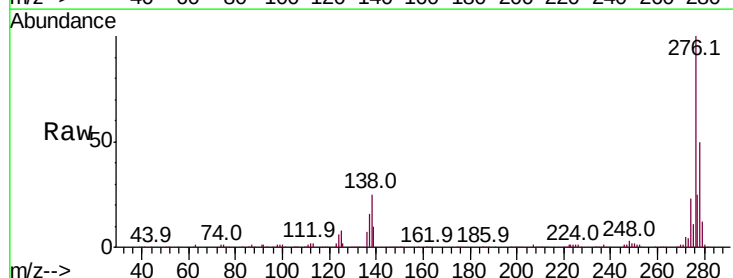
Tgt Ion:276 Resp: 972719

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

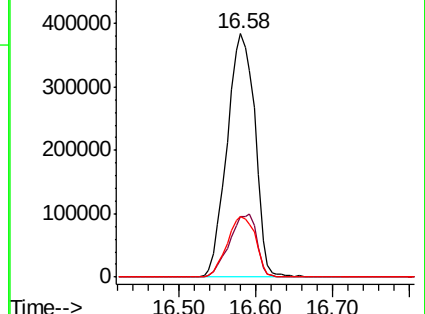
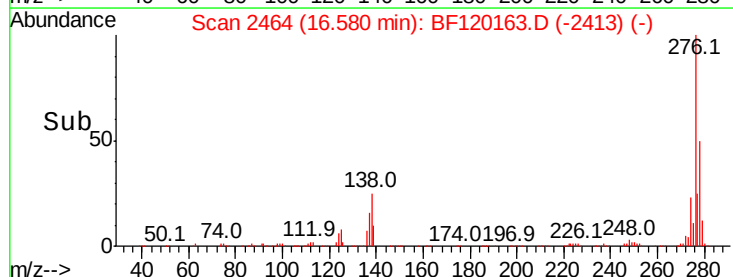
277 25.3 20.0 30.0

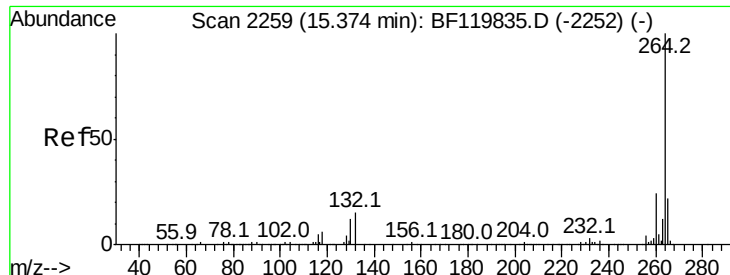


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB128358BS

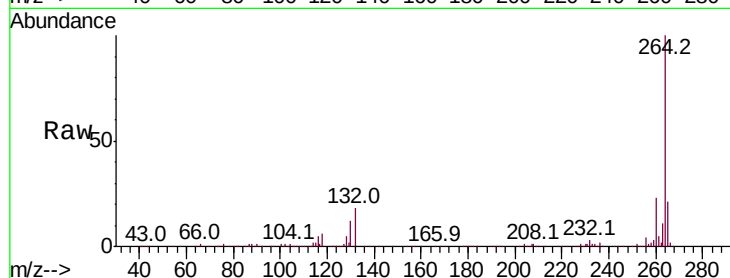
Tot Ion:264 Resp: 365663

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

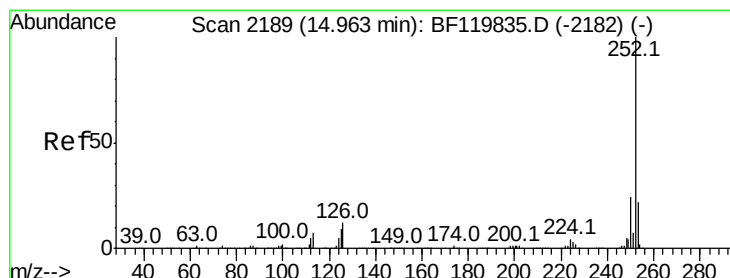
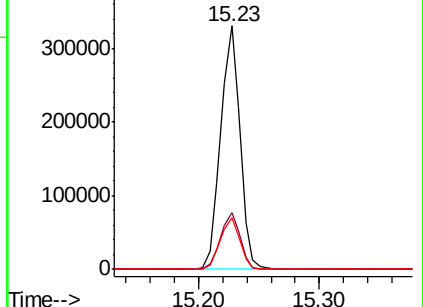
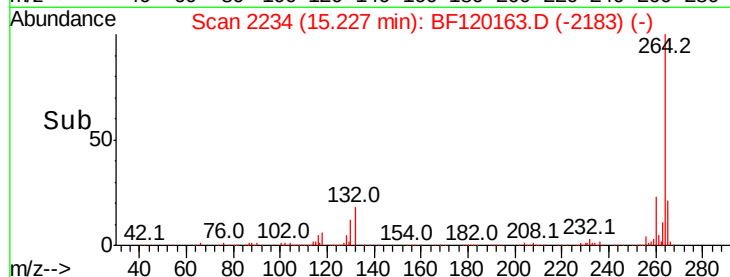
265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.746 ng

RT: 14.84 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

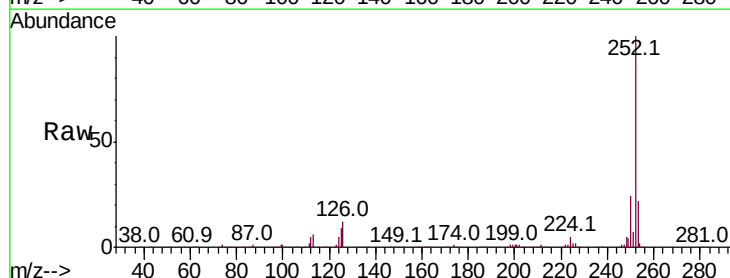
Tgt Ion:252 Resp: 1150748

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

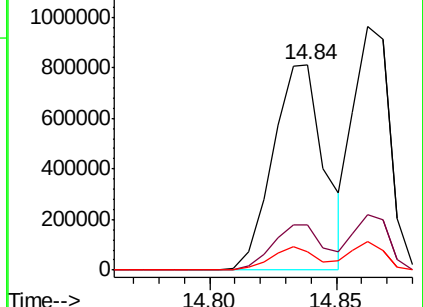
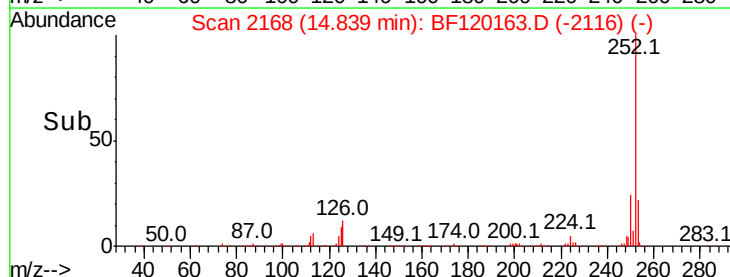
125 9.2 7.9 11.9

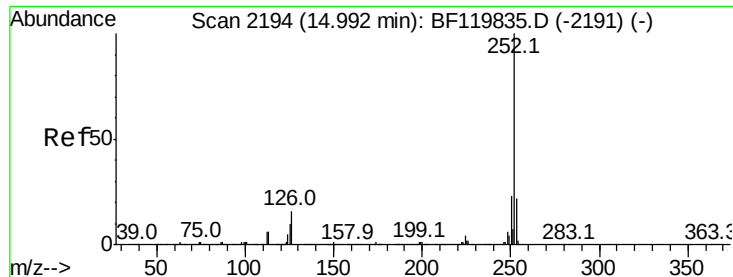


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

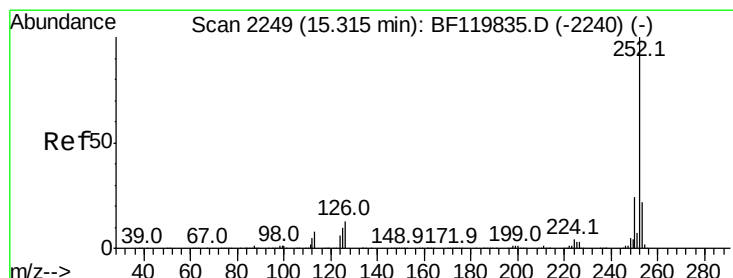
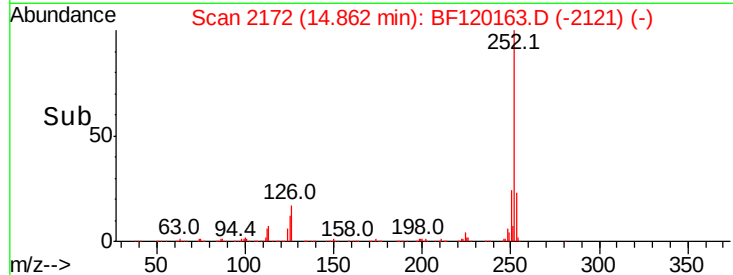
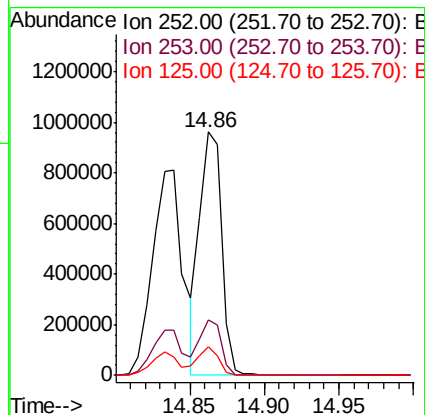
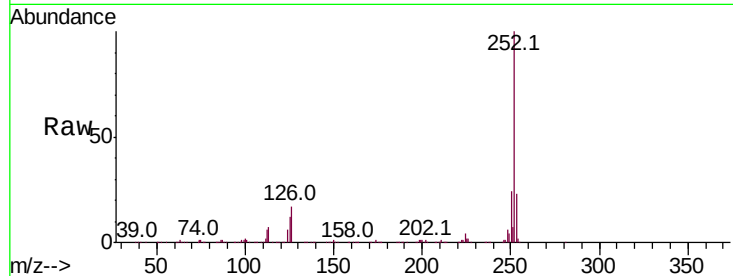




#89
Benzo(k)fluoranthene
Concen: 42.632 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

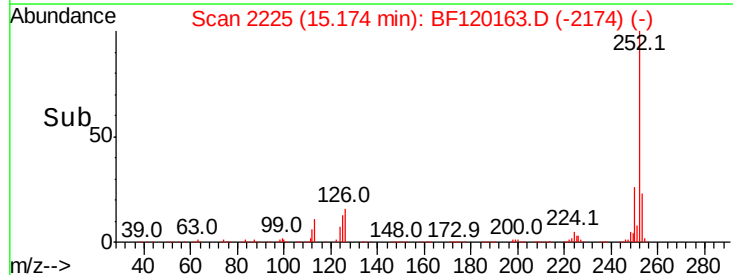
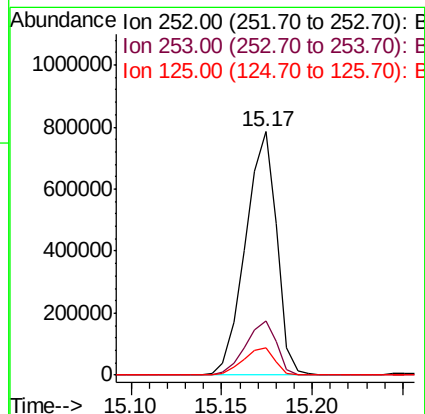
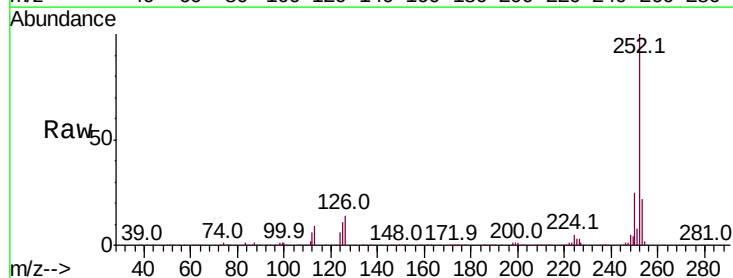
Instrument :
BNA_F
ClientSampleId :
PB128358BS

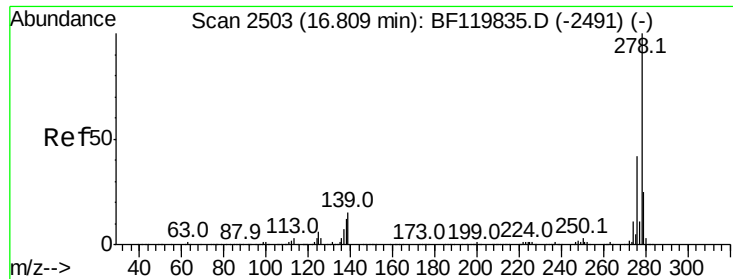
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.6	8.4	12.6



#90
Benzo(a)pyrene
Concen: 42.543 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120163.D
Acq: 23 Apr 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.4	9.4	14.2





#91

Dibenzo(a,h)anthracene

Concen: 41.630 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Instrument :

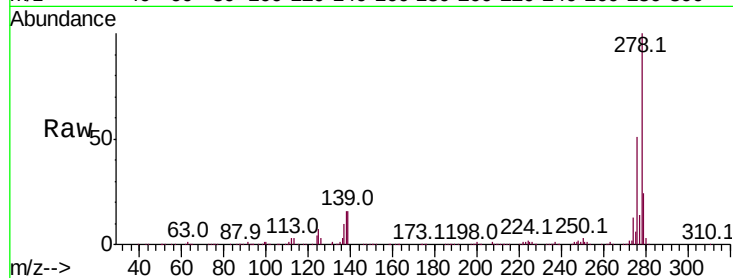
BNA_F

ClientSampleId :

PB128358BS

Tot Ion:278 Resp: 815587

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	23.6	19.0	28.6

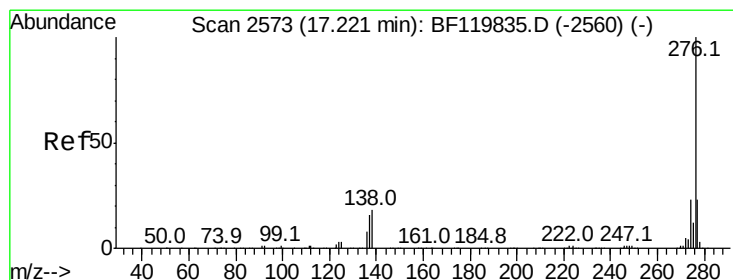
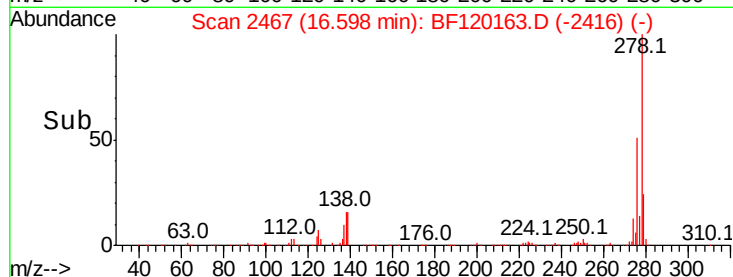
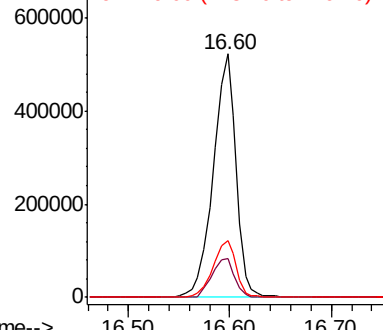


Abundance

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: 40.550 ng

RT: 16.99 min Scan# 2534

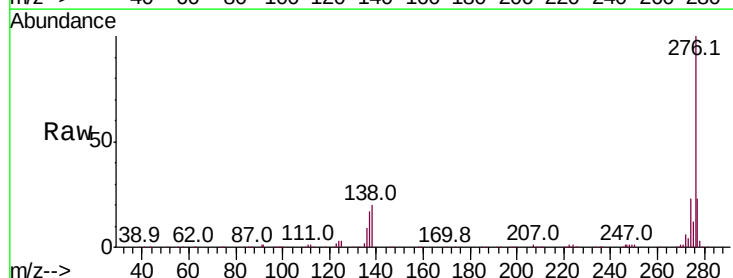
Delta R.T. 0.01 min

Lab File: BF120163.D

Acq: 23 Apr 2020 15:09

Tgt Ion:276 Resp: 784169

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	19.8	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

