

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112778.D
 Acq On : 28 Feb 2019 23:05
 Operator : JU/SJ
 Sample : K1650-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(17-18)

Quant Time: Mar 01 04:54:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189112	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	705754	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	296851	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	478752	20.00	ng	0.00
76) Chrysene-d12	13.87	240	430758	20.00	ng	0.00
87) Perylene-d12	15.28	264	477128	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	959550	78.93	ng	0.00
7) Phenol-d6	6.37	99	1224372	80.17	ng	0.00
23) Nitrobenzene-d5	7.30	82	742488	62.95	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	264637	83.97	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1288656	72.57	ng	0.00
79) Terphenyl-d14	12.83	244	1029338	46.32	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.21	42	108	0.015	ng	# 1
6) Aniline	6.39	93	333	0.016	ng	# 1
8) 2-Chlorophenol	6.52	128	290	0.021	ng	# 1
9) Benzaldehyde	6.37	77	2179	0.198	ng	# 1
10) Phenol	6.39	94	21107	1.184	ng	90
11) bis(2-Chloroethyl)ether	6.51	93	1342	0.098	ng	# 1
15) Benzyl Alcohol	6.90	79	12583	1.081	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.00	45	109	0.005	ng	71
19) n-Nitroso-di-n-propylamine	7.30	70	98656	10.200	ng	# 77
22) Acetophenone	7.15	105	312	0.019	ng	# 63
24) Nitrobenzene	7.30	77	1998	0.152	ng	# 34
25) Isophorone	7.30	82	735290	28.938	ng	# 66
31) Naphthalene	8.05	128	304	0.009	ng	# 68
37) 2-Methylnaphthalene	8.73	142	288	0.013	ng	# 72
38) 1-Methylnaphthalene	8.83	142	139	0.006	ng	# 96
46) 1,1'-Biphenyl	9.20	154	2153	0.089	ng	77
47) 2-Chloronaphthalene	9.49	162	454	0.024	ng	# 1
48) 2-Nitroaniline	9.49	65	726	0.126	ng	# 1
50) Dimethylphthalate	9.49	163	87402	3.993	ng	100
51) 2,6-Dinitrotoluene	9.77	165	38506	8.448	ng	# 18
52) Acenaphthene	9.77	154	1206	0.064	ng	# 5
57) 2,4-Dinitrotoluene	9.77	165	38506	6.796	ng	# 17
58) Fluorene	10.55	166	11401	0.589	ng	# 82
60) Diethylphthalate	10.19	149	730	0.032	ng	# 60
63) Azobenzene	10.48	77	153	0.006	ng	# 6
65) 4,6-Dinitro-2-methylphenol	10.55	198	503	4.844	ng	# 1
66) n-Nitrosodiphenylamine	10.55	169	7698	0.501	ng	# 43
67) 4-Bromophenyl-phenylether	10.55	248	14628	2.901	ng	# 1
71) Phenanthrene	11.27	178	1337	0.056	ng	# 83
72) Anthracene	11.27	178	1337	0.054	ng	# 81
73) Carbazole	11.47	167	116	0.005	ng	# 59
74) Di-n-butylphthalate	11.82	149	4753	0.163	ng	# 93
75) Fluoranthene	12.46	202	593	0.023	ng	62
77) Benzidine	12.83	184	11995	0.537	ng	# 96

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 B-1(17-18)

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 QLast Update : Wed Feb 27 16:08:50 2019
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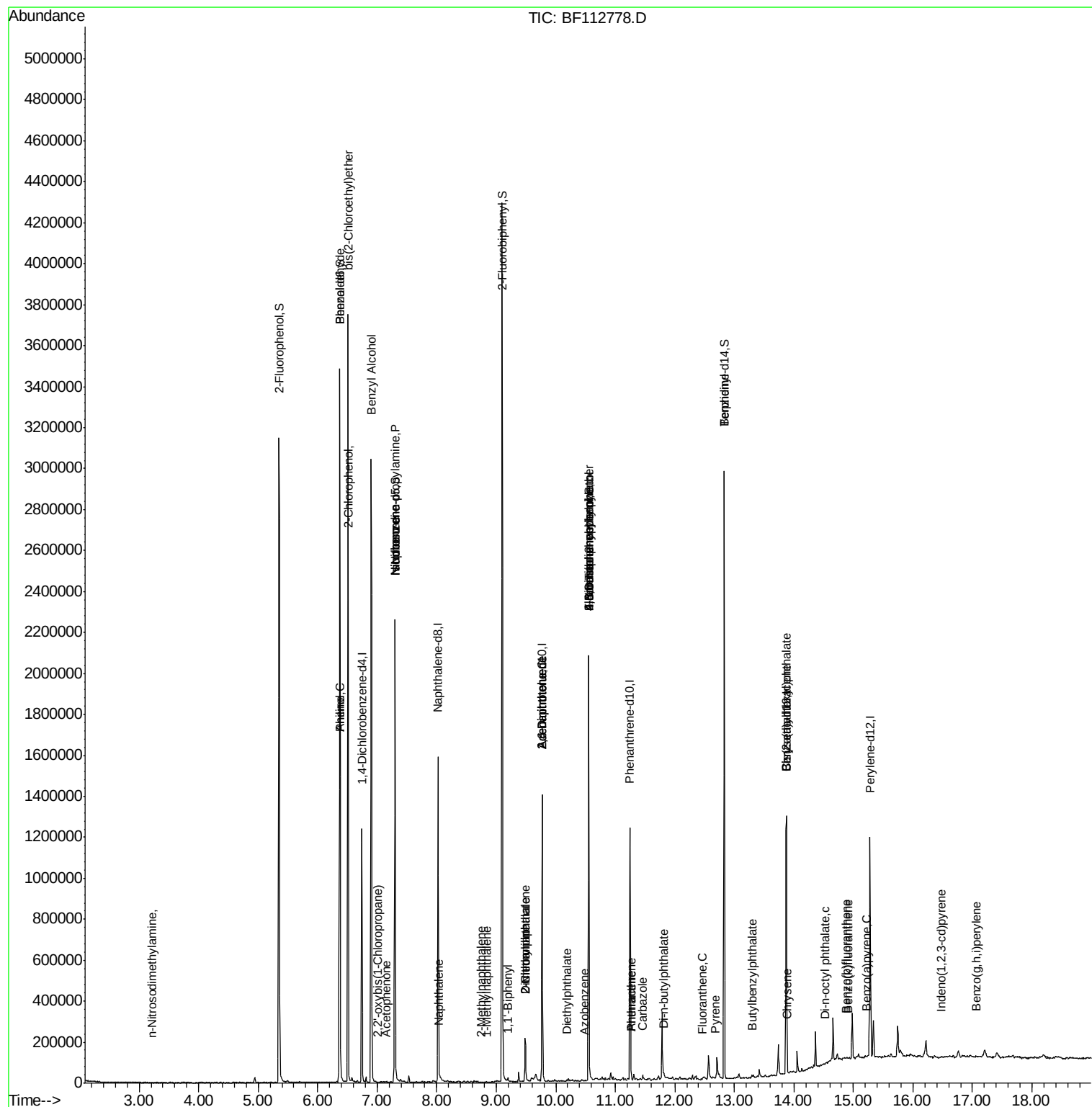
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.68	202	737	0.020	ng	# 57
80) Butylbenzylphthalate	13.30	149	231	0.014	ng	# 34
81) Benzo(a)anthracene	13.87	228	1211	0.041	ng	# 81
83) Chrysene	13.89	228	439	0.015	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.87	149	2977	0.158	ng	# 79
85) Di-n-octyl phthalate	14.51	149	622	0.019	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.48	276	114	0.005	ng	# 1
88) Benzo(b)fluoranthene	14.89	252	672	0.022	ng	# 1
89) Benzo(k)fluoranthene	14.91	252	405	0.014	ng	# 1
90) Benzo(a)pyrene	15.22	252	375	0.014	ng	# 1
92) Benzo(g,h,i)perylene	17.05	276	122	0.005	ng	# 52

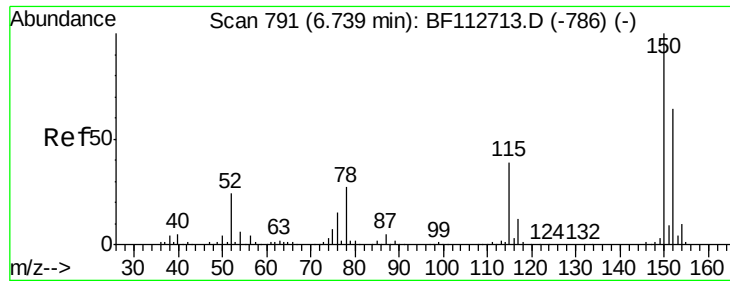
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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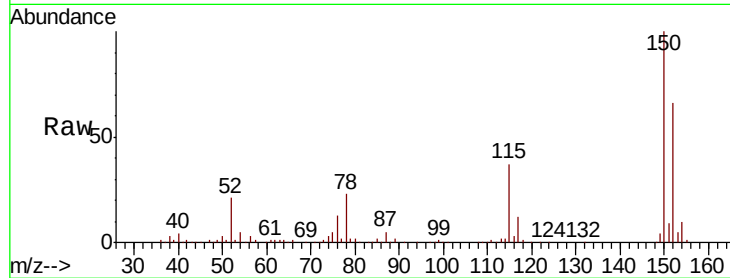


#1

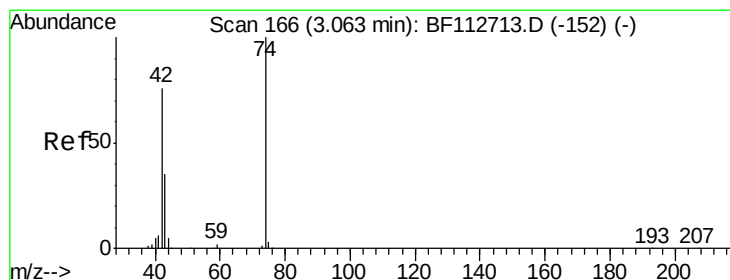
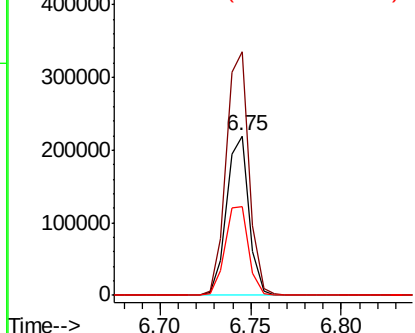
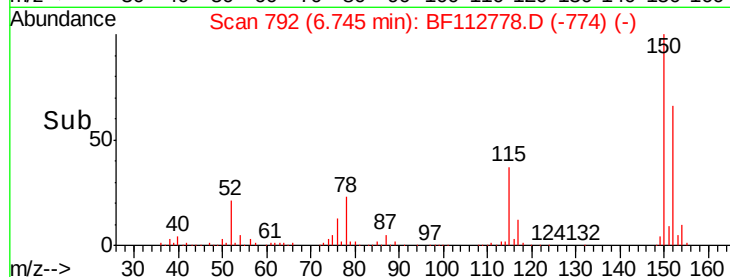
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion:152 Resp: 189112
Ion Ratio Lower Upper
152 100
150 152.7 124.2 186.2
115 56.0 48.2 72.4



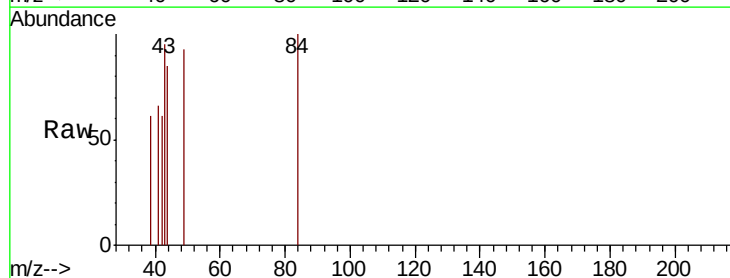
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



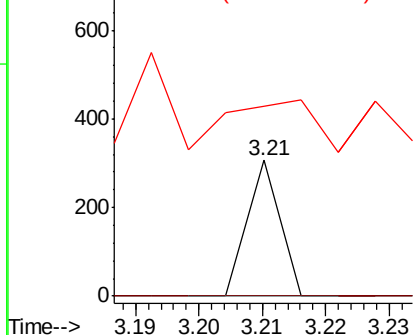
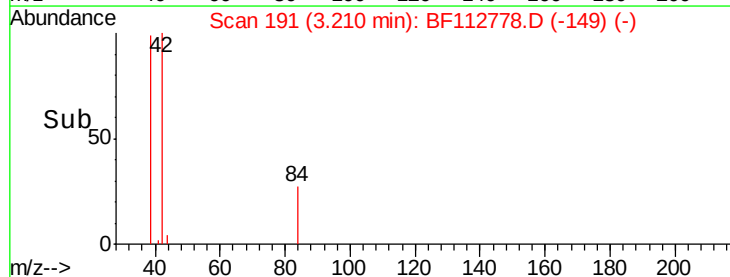
#4

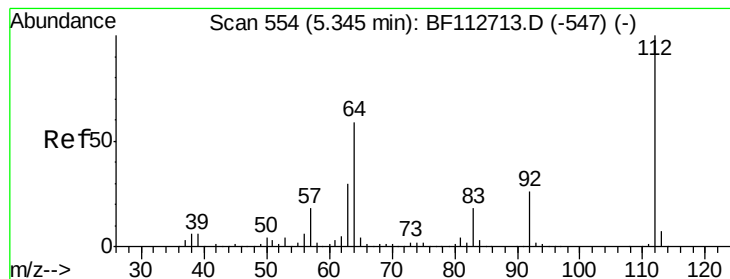
n-Nitrosodimethylamine
Concen: 0.015 ng
RT: 3.21 min Scan# 191
Delta R.T. 0.15 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion: 42 Resp: 108
Ion Ratio Lower Upper
42 100
74 0.0 105.8 158.8#
44 139.4 6.2 9.2#



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: 78.928 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

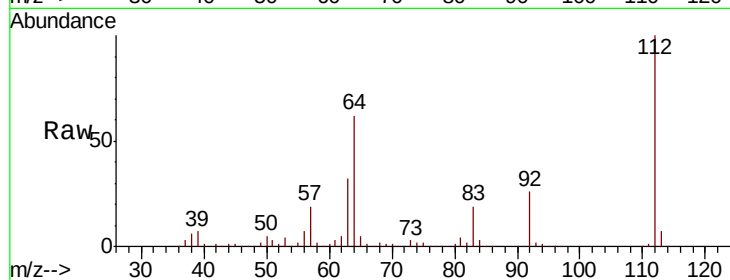
Tgt Ion: 112 Resp: 959550

Ion Ratio Lower Upper

112 100

64 62.0 47.6 71.4

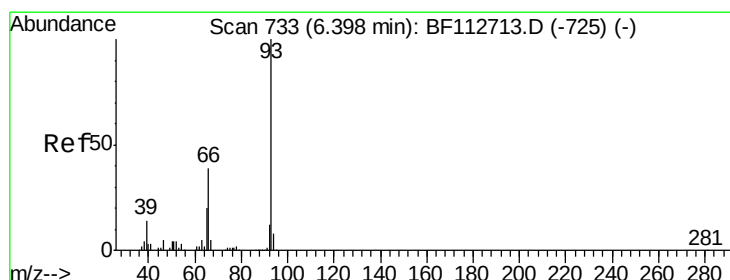
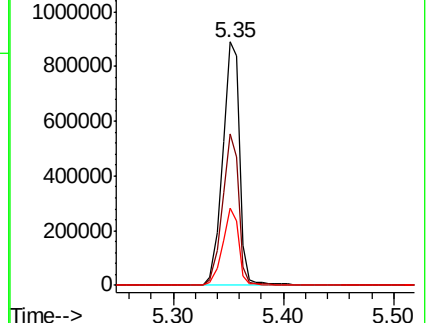
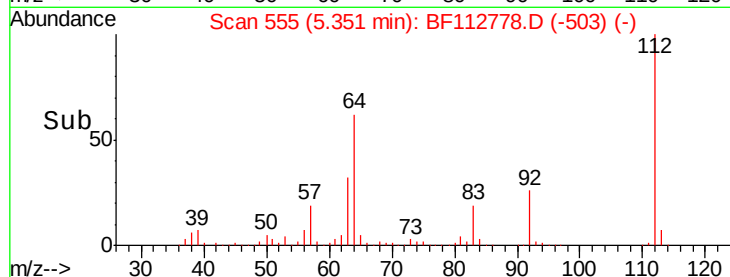
63 31.9 24.4 36.6



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: 0.016 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

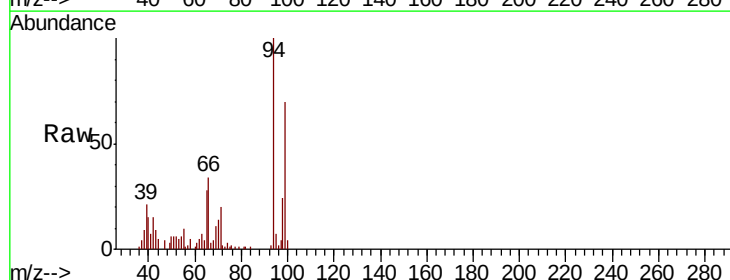
Tgt Ion: 93 Resp: 333

Ion Ratio Lower Upper

93 100

66 1922.0 32.2 48.2#

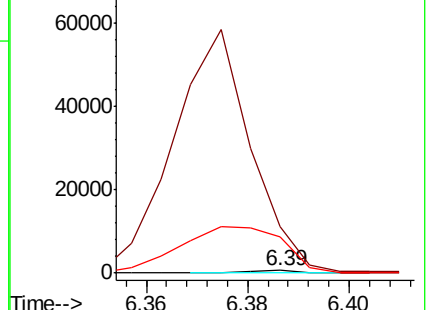
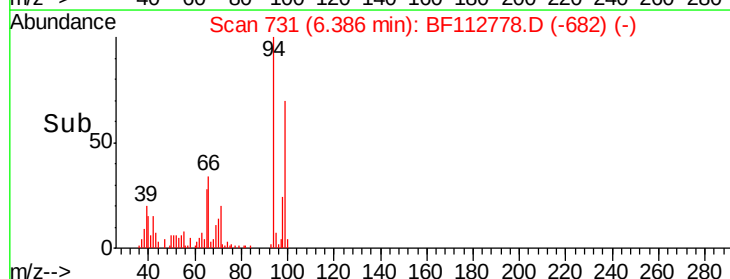
65 1539.6 16.2 24.4#

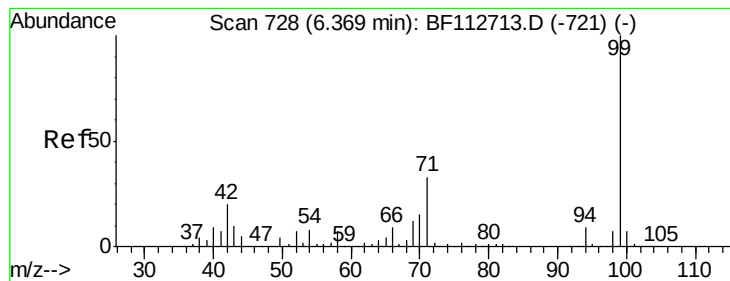


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.173 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

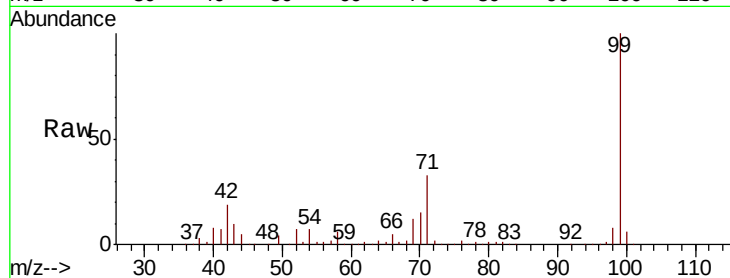
Tgt Ion: 99 Resp: 1224372

Ion Ratio Lower Upper

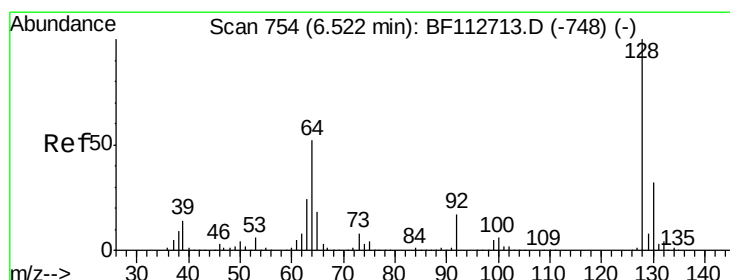
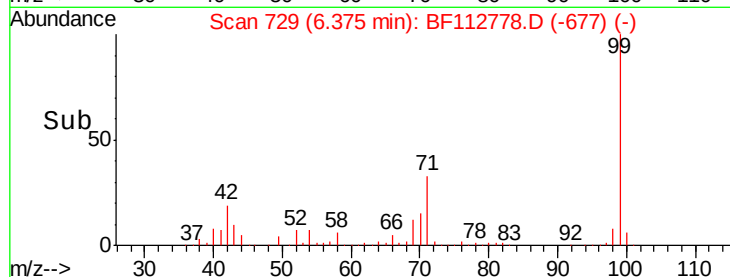
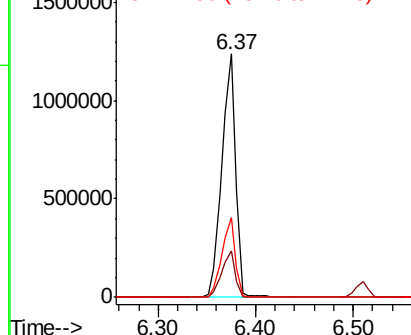
99 100

42 19.3 16.3 24.5

71 32.7 26.2 39.4



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: 0.021 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

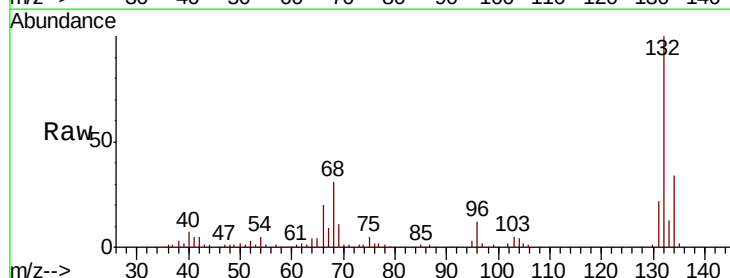
Tgt Ion:128 Resp: 290

Ion Ratio Lower Upper

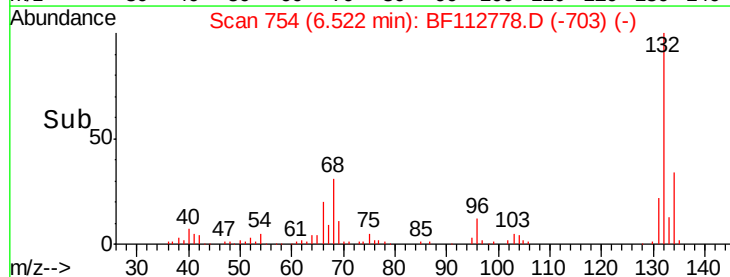
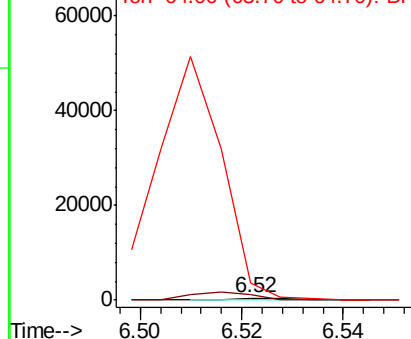
128 100

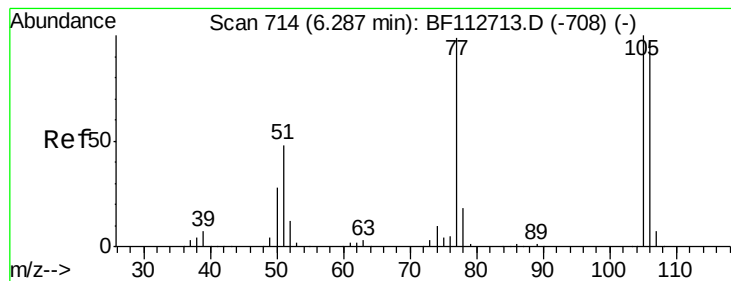
130 270.6 12.4 52.4#

64 858.2 32.2 72.2#



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: 0.198 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.09 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampled :

B-1(17-18)

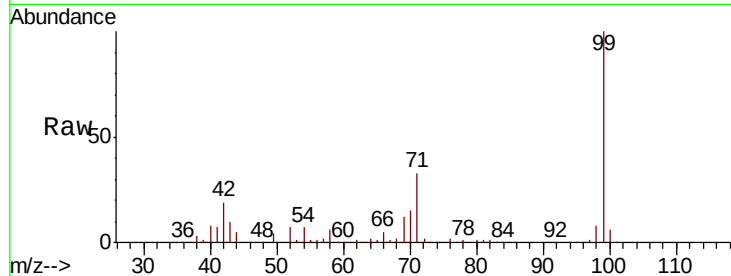
Tgt Ion: 77 Resp: 2179

Ion Ratio Lower Upper

77 100

105 0.0 81.4 121.4#

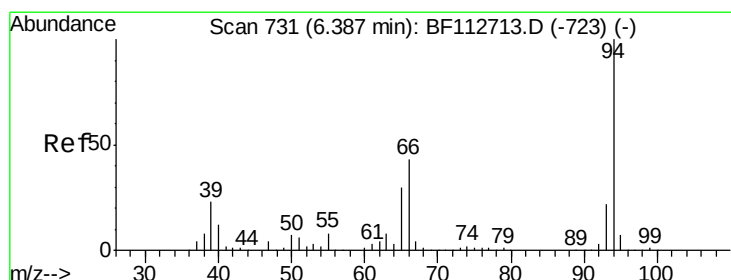
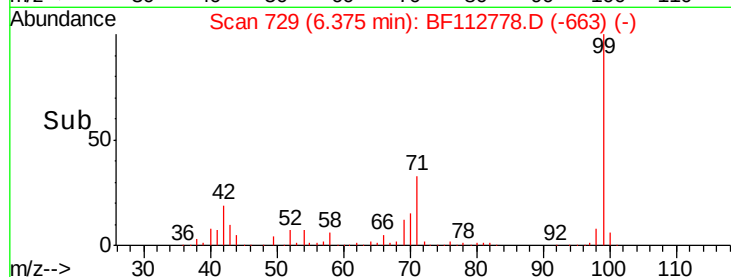
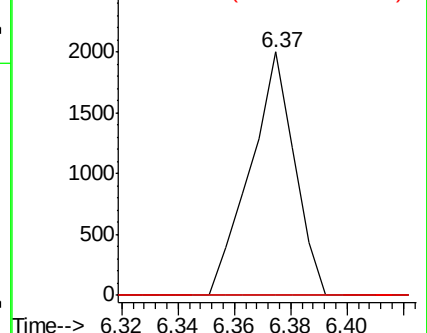
106 0.0 78.3 118.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.184 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

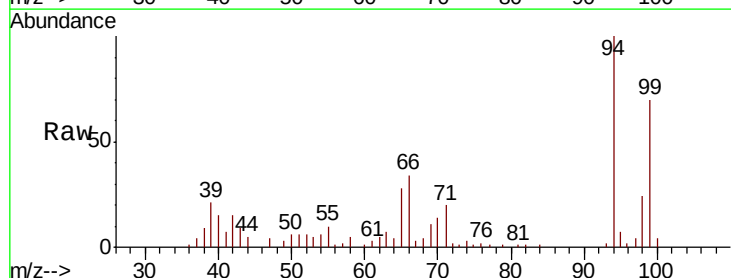
Tgt Ion: 94 Resp: 21107

Ion Ratio Lower Upper

94 100

65 27.5 10.5 50.5

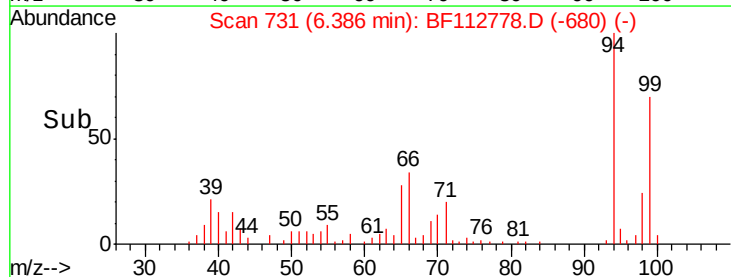
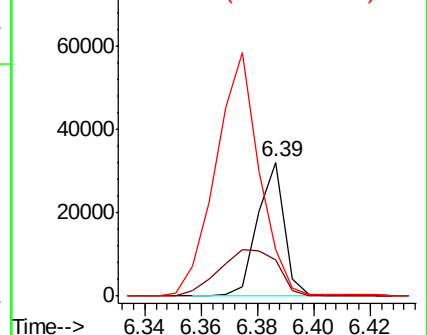
66 34.3 22.6 62.6

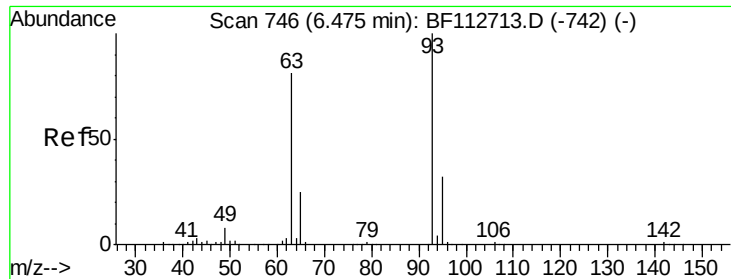


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

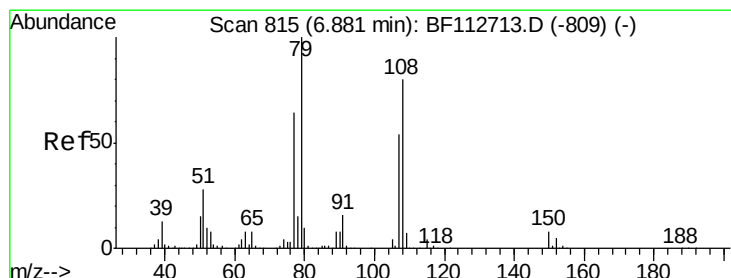
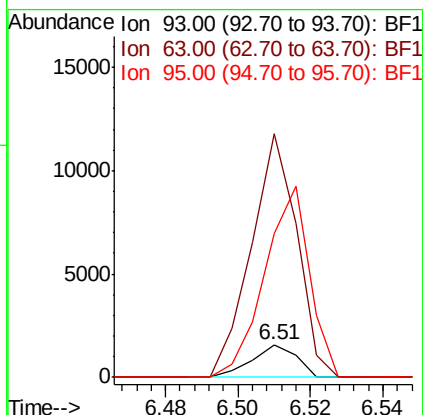
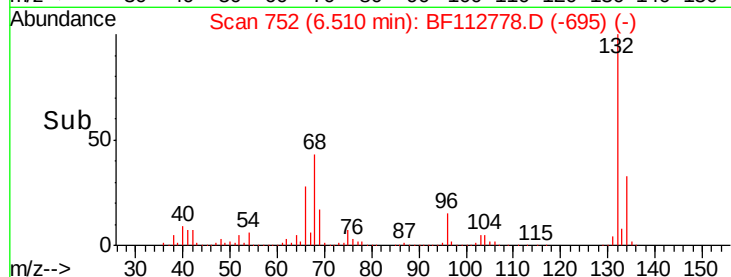
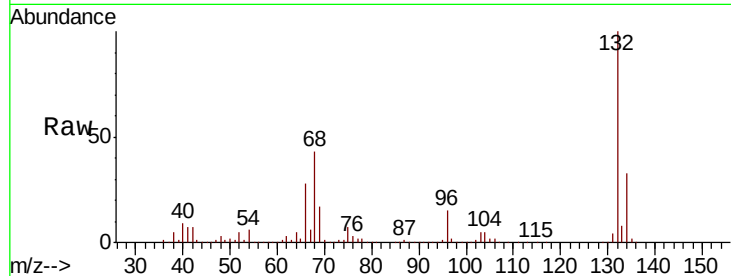




#11
bis(2-Chloroethyl)ether
Concen: 0.098 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

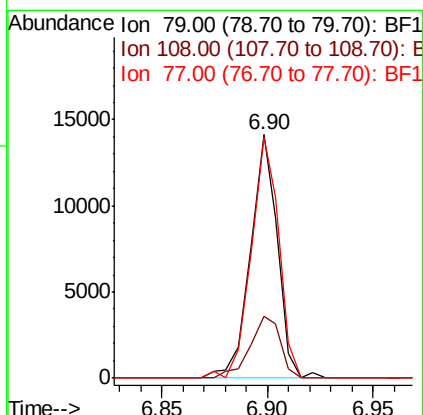
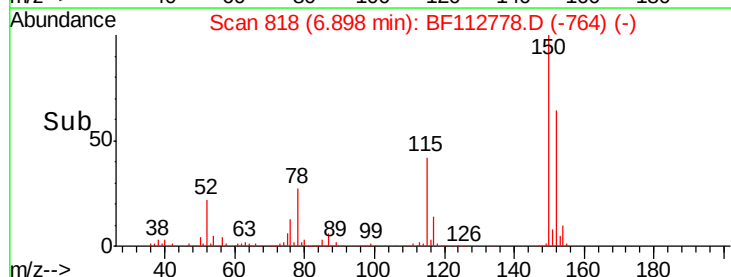
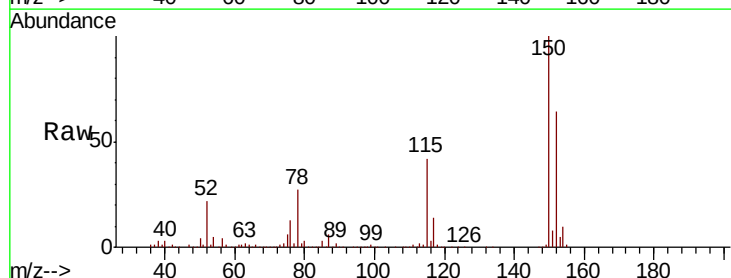
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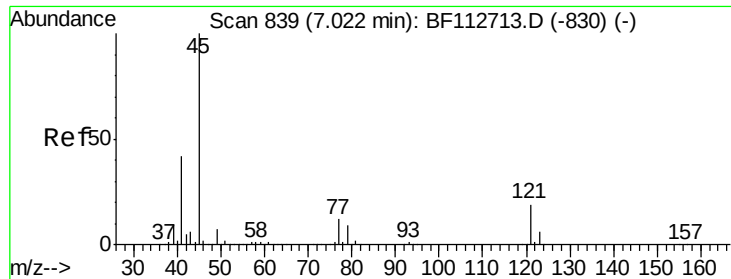
Tgt Ion: 93 Resp: 1342
Ion Ratio Lower Upper
93 100
63 737.4 60.5 100.5#
95 434.9 12.1 52.1#



#15
Benzyl Alcohol
Concen: 1.081 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion: 79 Resp: 12583
Ion Ratio Lower Upper
79 100
108 25.5 64.2 96.4#
77 99.2 51.1 76.7#

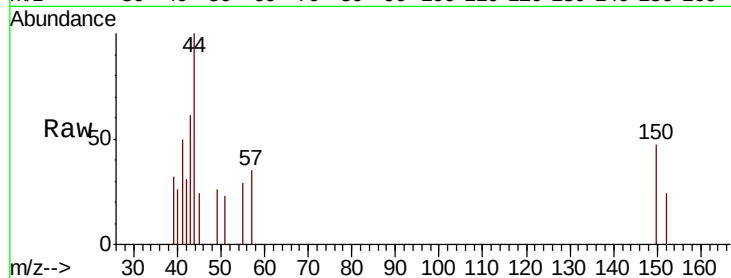




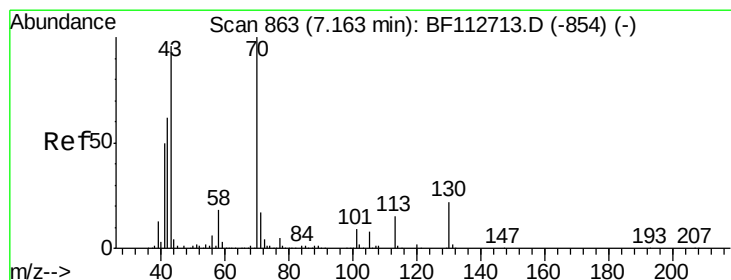
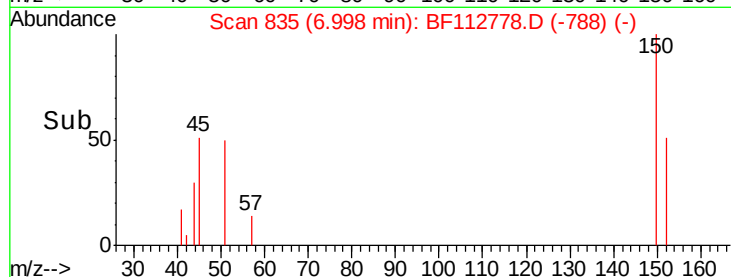
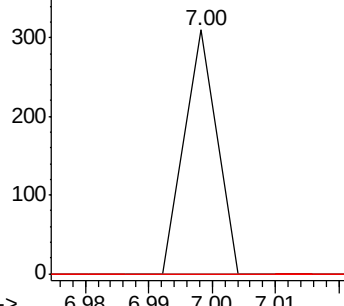
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion: 45 Resp: 109
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.1
79 0.0 0.0 29.4

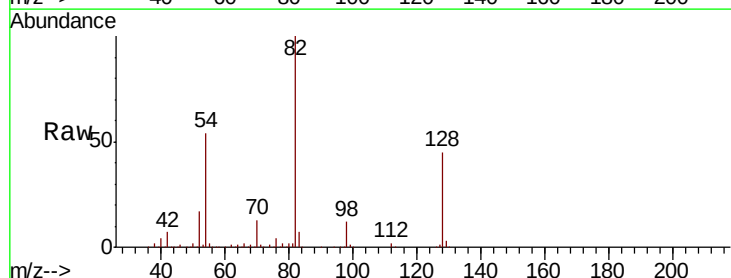


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

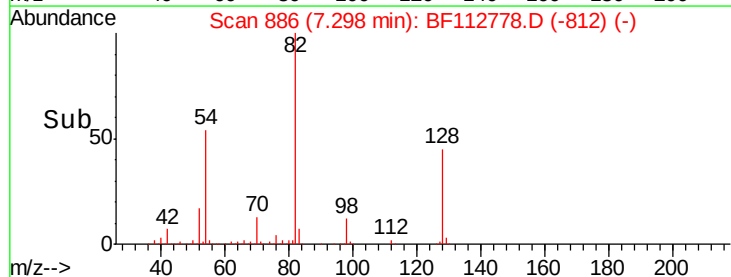
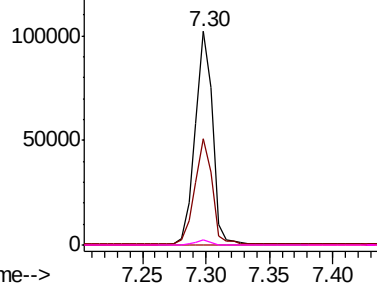


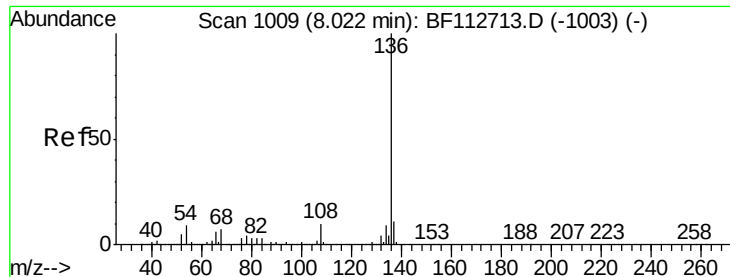
#19
n-Nitroso-di-n-propylamine
Concen: 10.200 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion: 70 Resp: 98656
Ion Ratio Lower Upper
70 100
42 50.0 49.9 74.9
101 0.0 7.4 11.2#
130 2.6 17.4 26.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

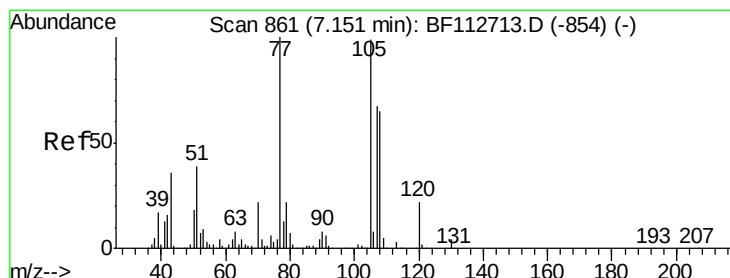
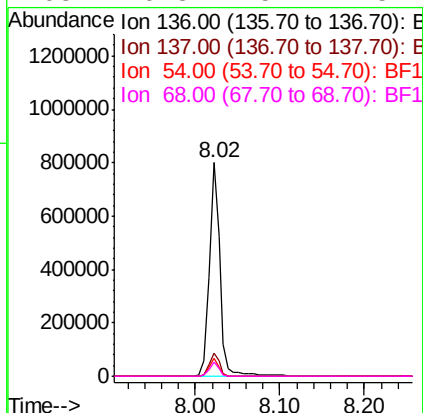
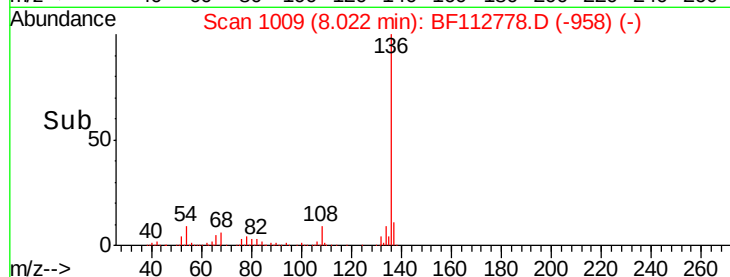
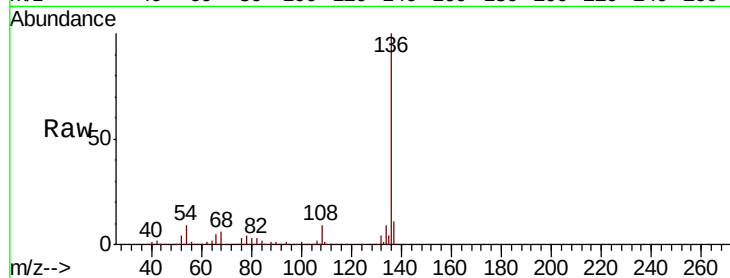




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

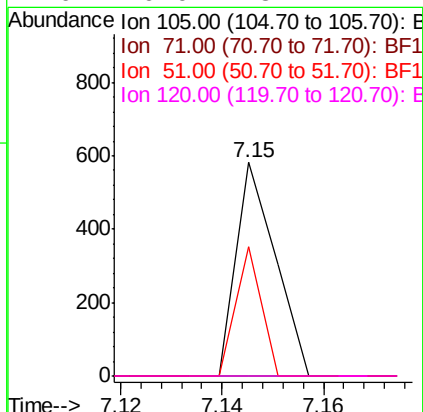
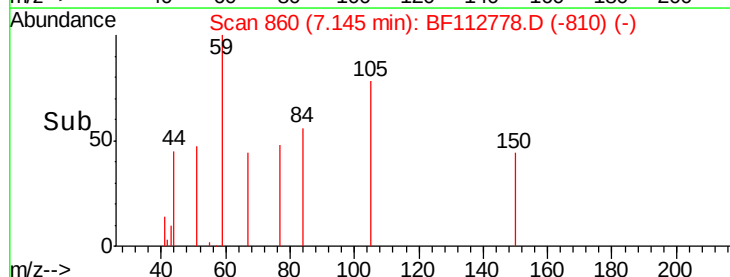
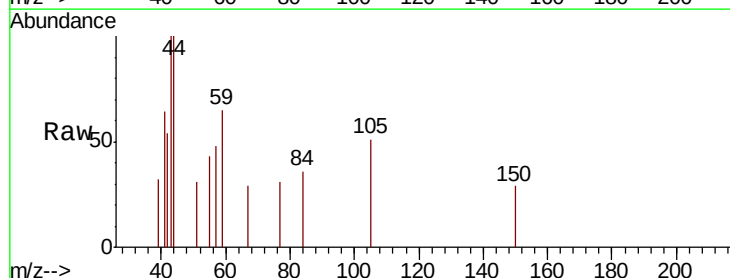
Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

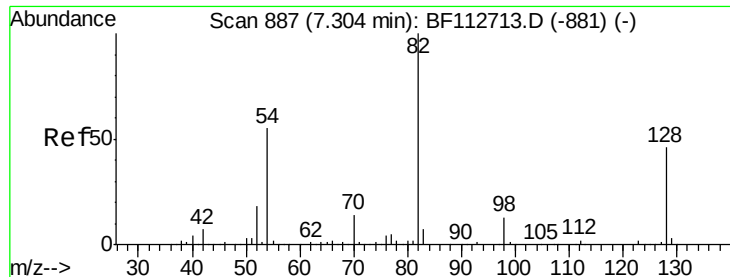
Tgt Ion:	136	Resp:	705754
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	7.3	10.9
68	6.3	5.4	8.2



#22
Acetophenone
Concen: 0.019 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion:	105	Resp:	312
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	60.5	31.5	47.3#
120	0.0	18.1	27.1#

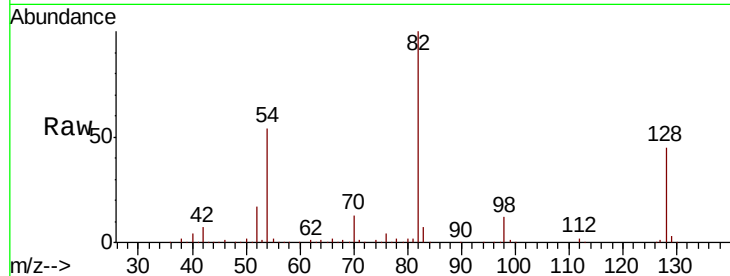




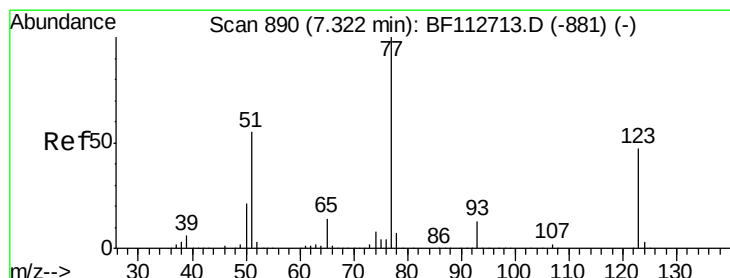
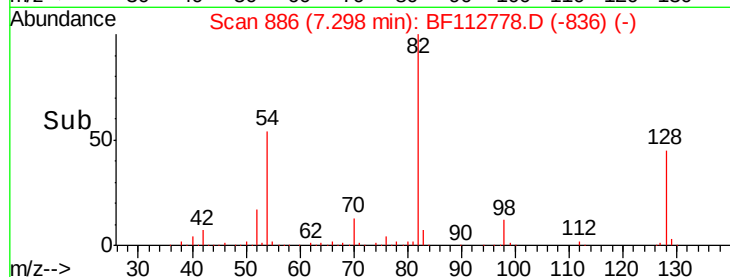
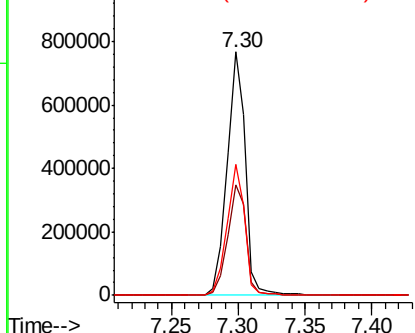
#23
Nitrobenzene-d5
Concen: 62.952 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion: 82 Resp: 742488
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 54.0 43.7 65.5

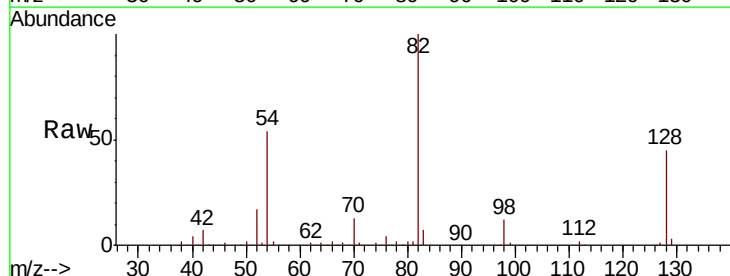


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

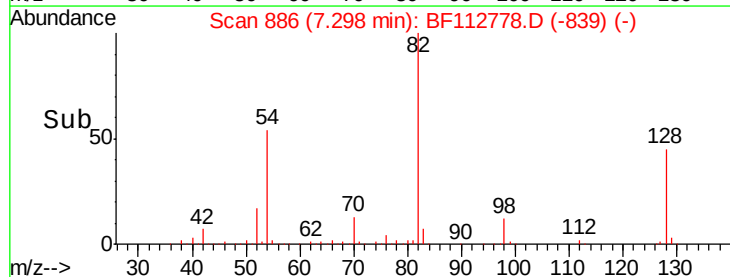
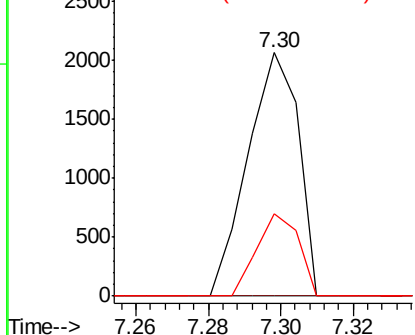


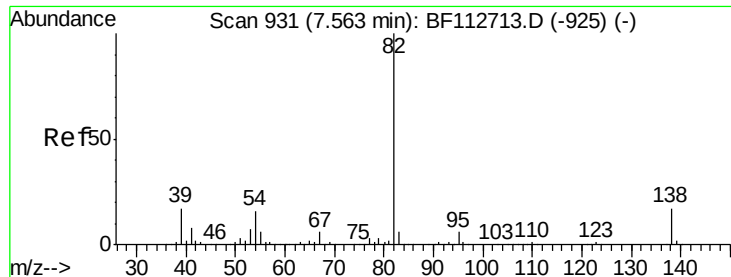
#24
Nitrobenzene
Concen: 0.152 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion: 77 Resp: 1998
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.6#
65 34.0 11.1 16.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 28.938 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

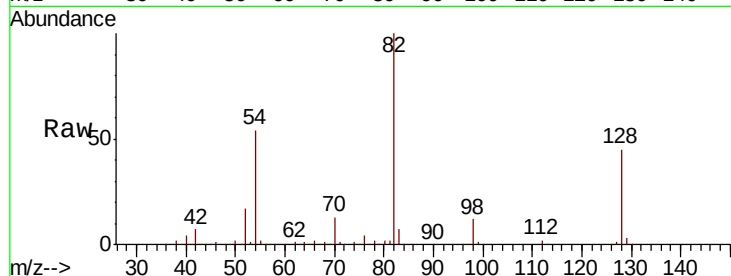
Tgt Ion: 82 Resp: 735290

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

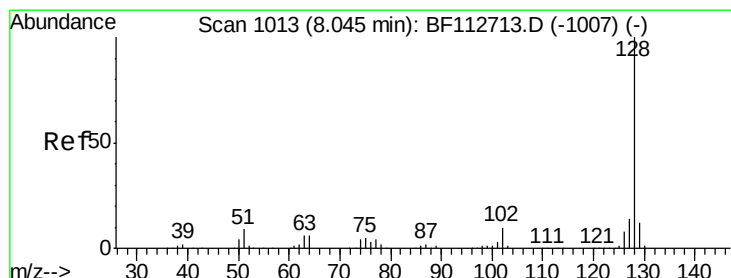
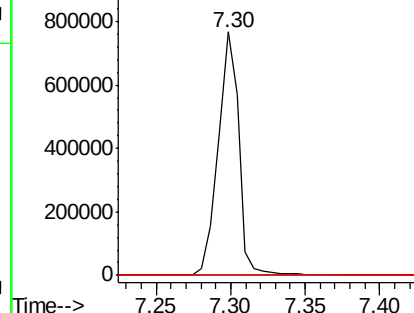
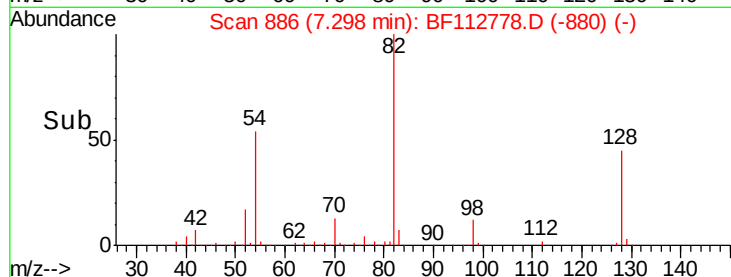
138 0.0 13.8 20.8#



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



#31

Naphthalene

Concen: 0.009 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

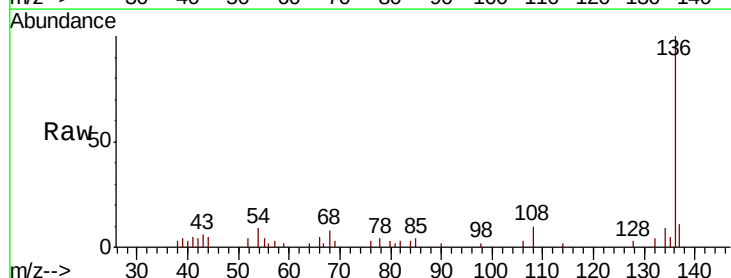
Tgt Ion: 128 Resp: 304

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

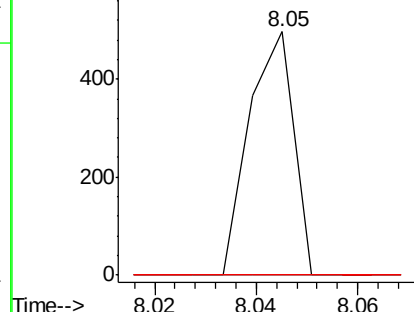
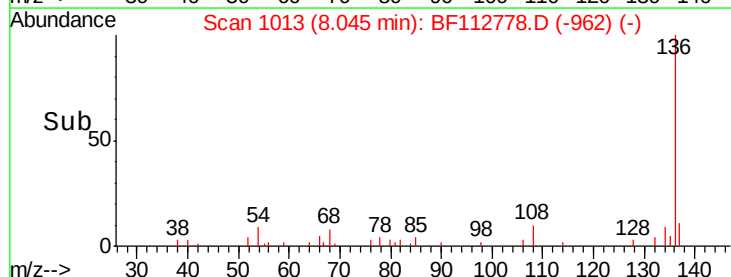
127 0.0 10.9 16.3#

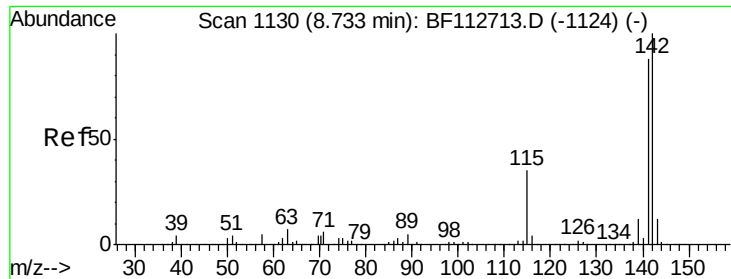


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

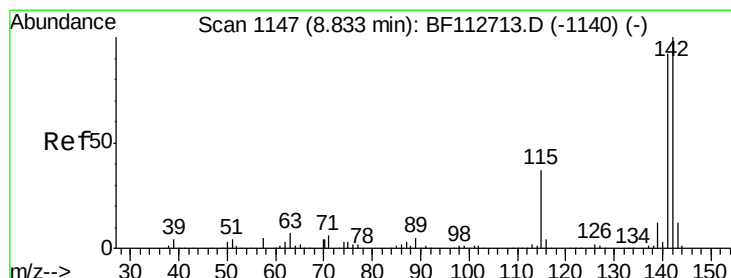
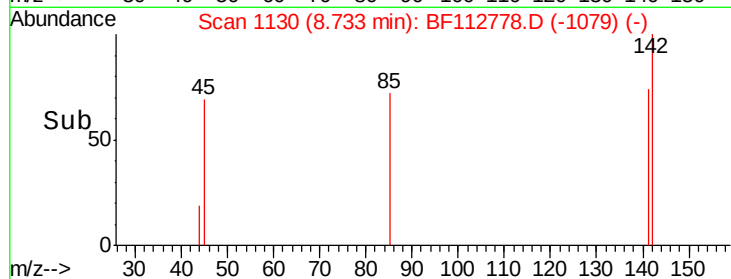
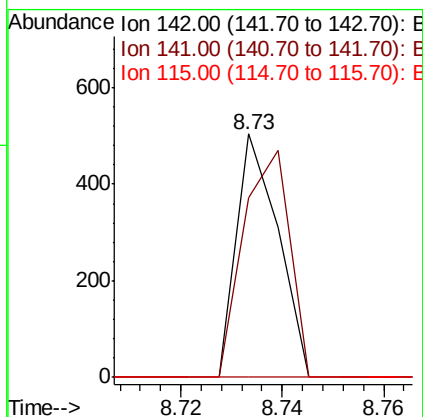
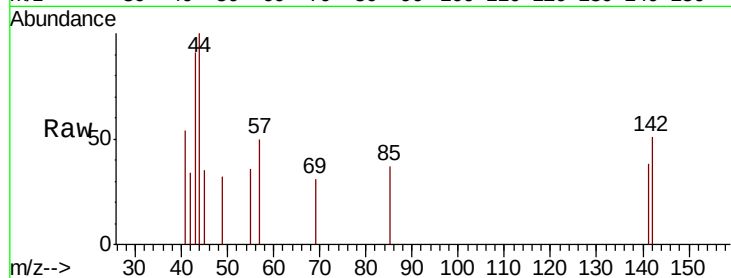




#37
2-Methylnaphthalene
Concen: 0.013 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

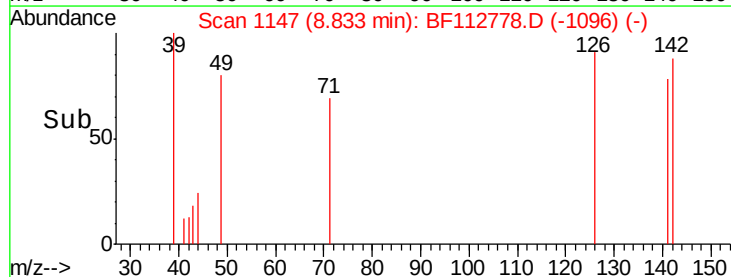
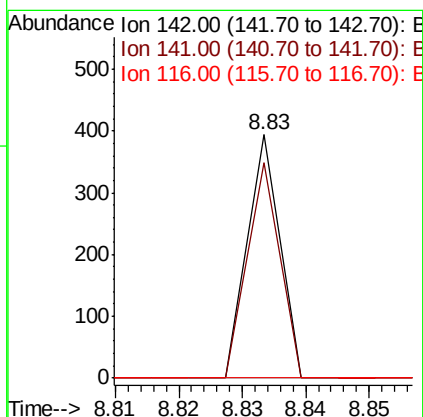
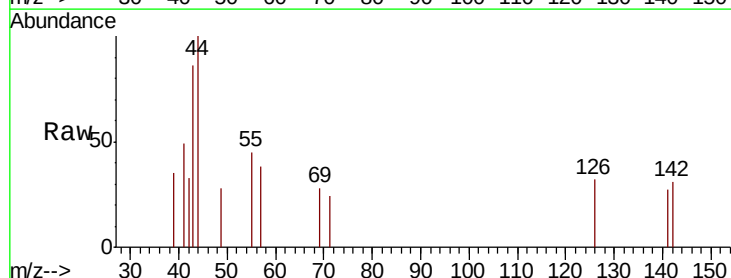
Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

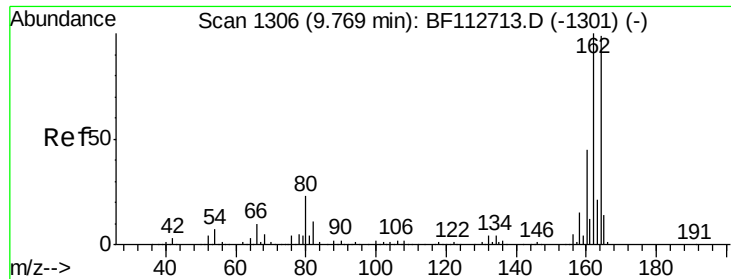
Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
141 74.0 70.3 105.5
115 0.0 27.8 41.6#



#38
1-Methylnaphthalene
Concen: 0.006 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion:142 Resp: 139
Ion Ratio Lower Upper
142 100
141 88.6 73.7 110.5
116 0.0 3.1 4.7#

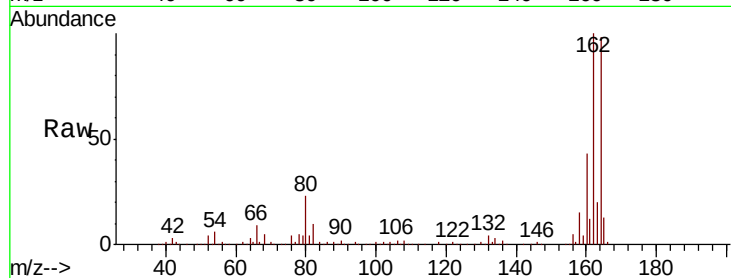




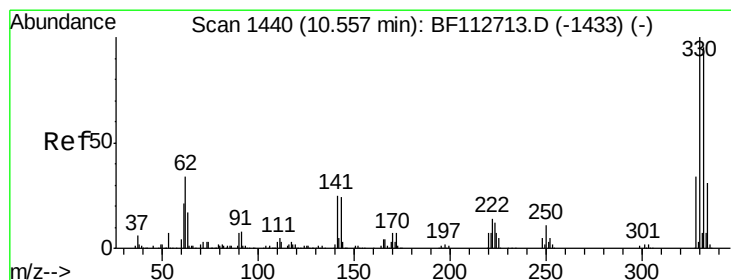
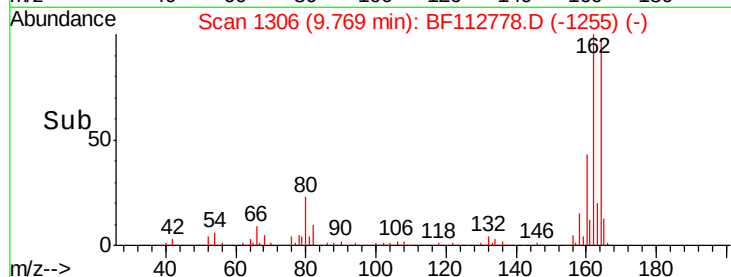
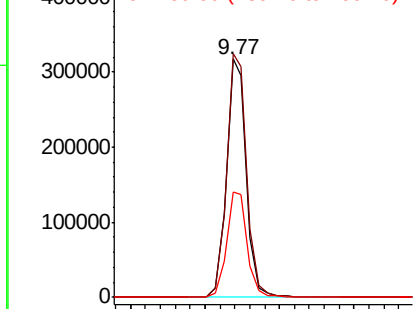
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	44.1	36.0	54.0

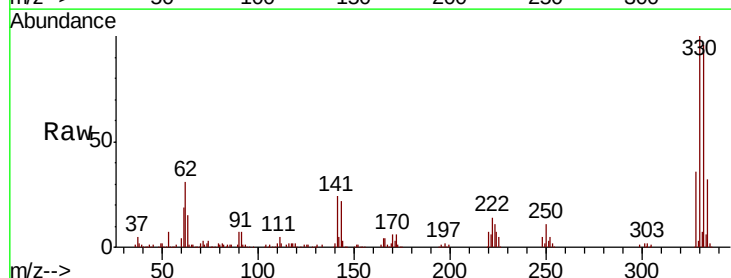


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

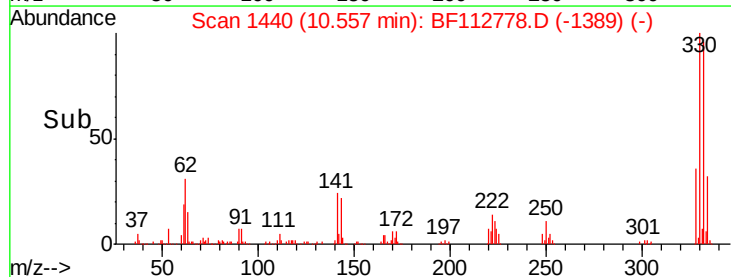
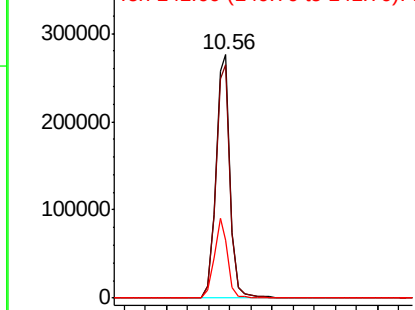


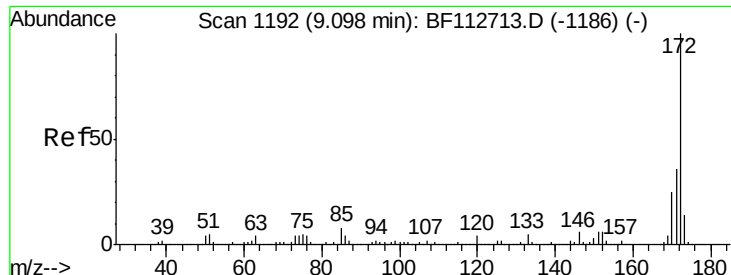
#42
2,4,6-Tribromophenol
Concen: 83.973 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	30.9	27.0	40.6



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

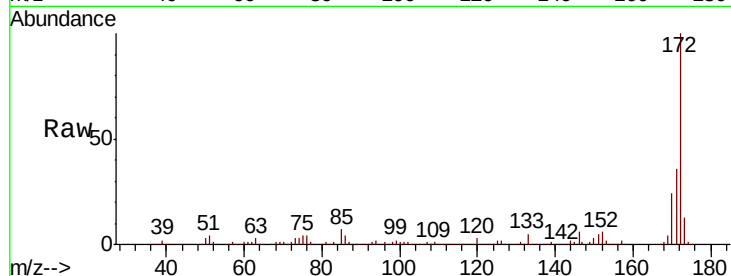




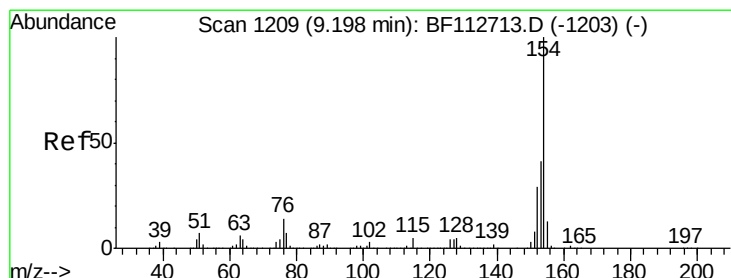
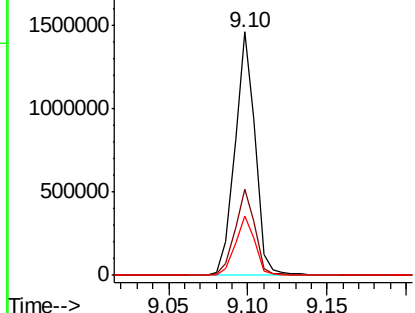
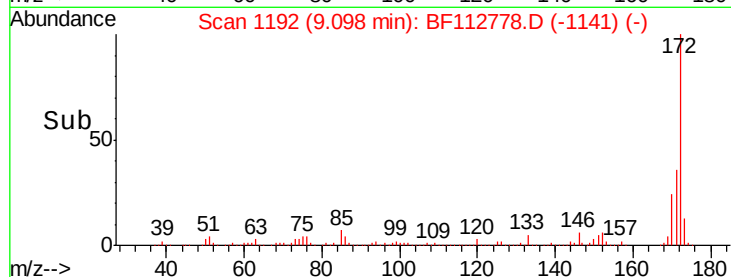
#45
2-Fluorobiphenyl
Concen: 72.571 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion:172 Resp: 1288656
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 24.3 20.0 30.0

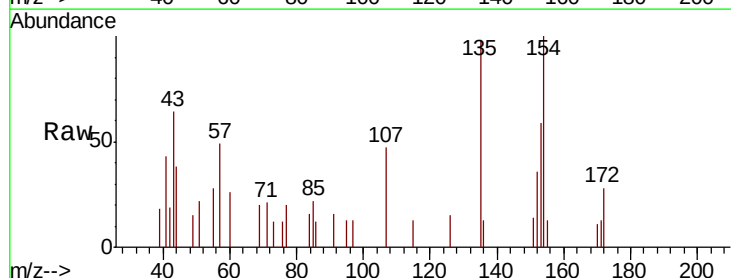


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

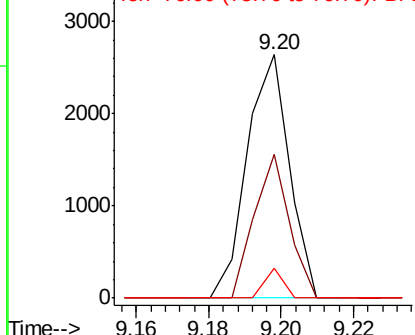
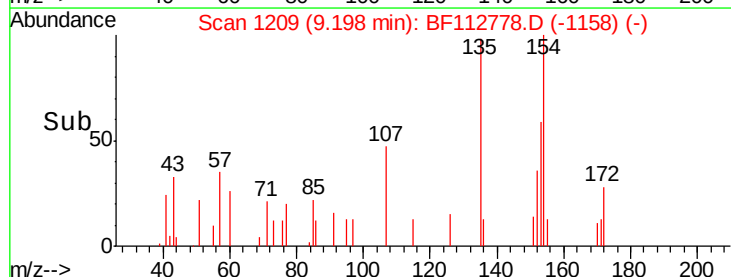


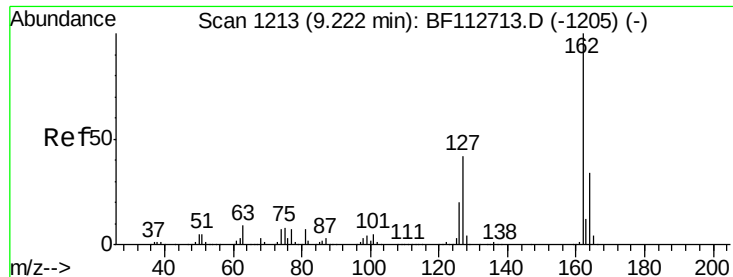
#46
1,1'-Biphenyl
Concen: 0.089 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion:154 Resp: 2153
Ion Ratio Lower Upper
154 100
153 58.9 20.8 60.8
76 12.4 0.0 33.8



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

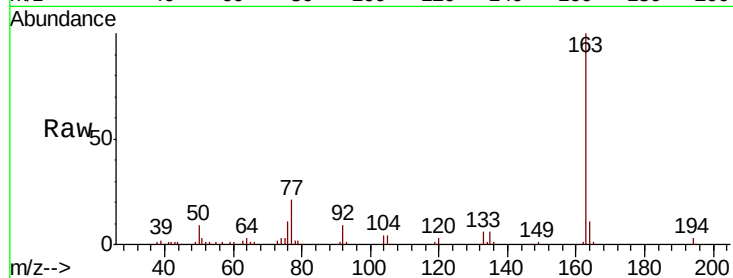




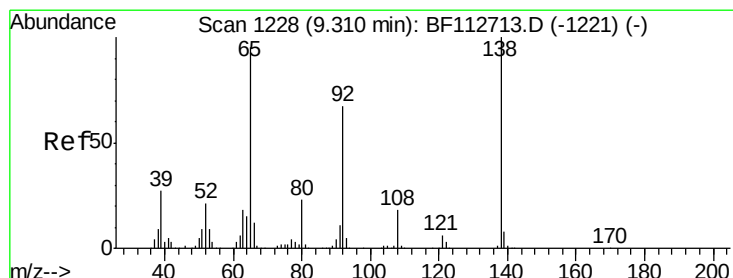
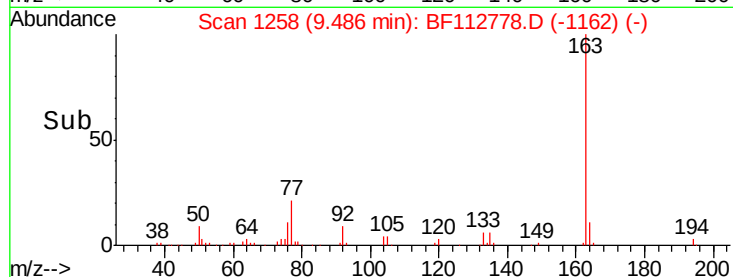
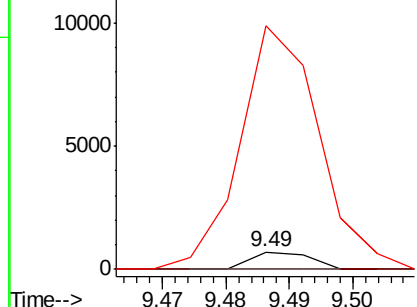
#47
2-Chloronaphthalene
Concen: 0.024 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.26 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampled :
B-1(17-18)

Tgt Ion: 162 Resp: 454
Ion Ratio Lower Upper
162 100
127 0.0 33.4 50.2#
164 1409.0 26.9 40.3#

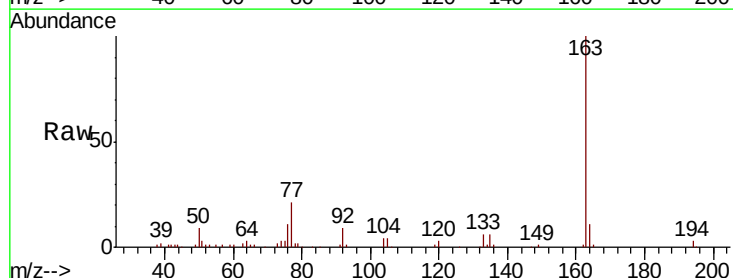


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

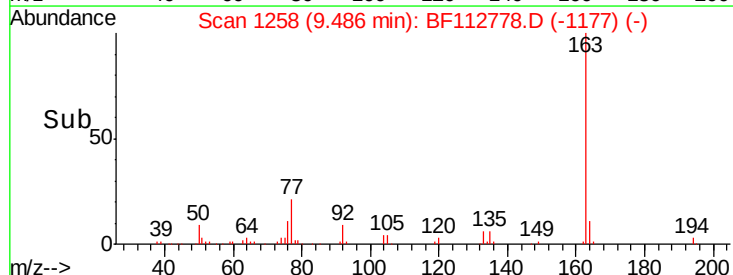
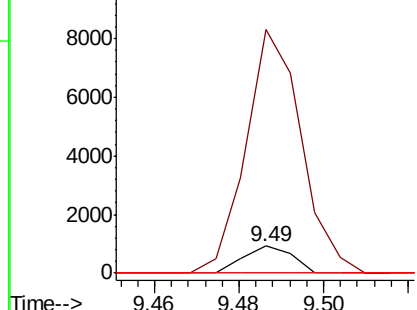


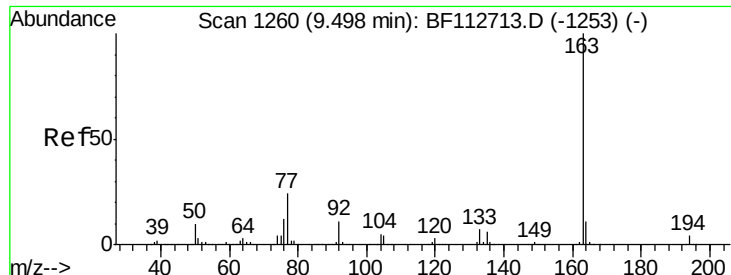
#48
2-Nitroaniline
Concen: 0.126 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.18 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion: 65 Resp: 726
Ion Ratio Lower Upper
65 100
92 902.9 56.4 84.6#
138 0.0 84.6 126.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

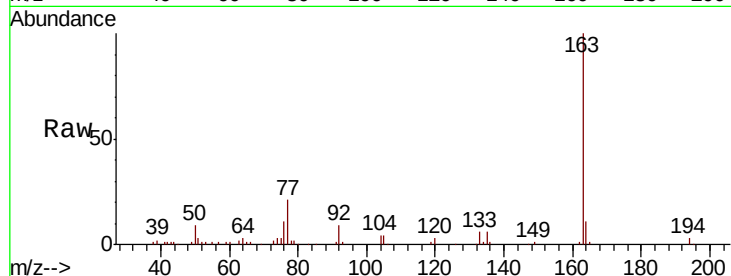




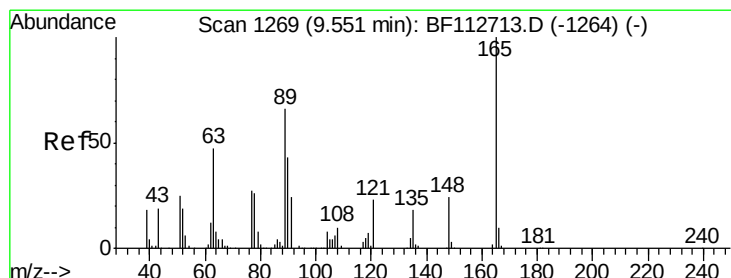
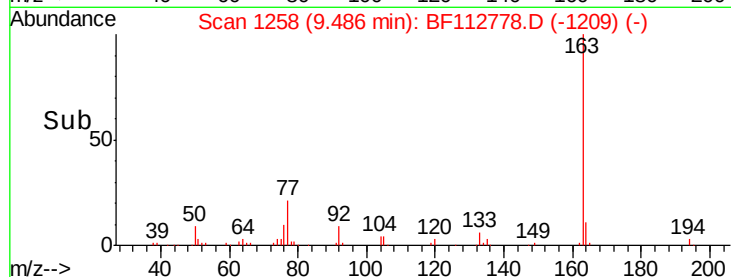
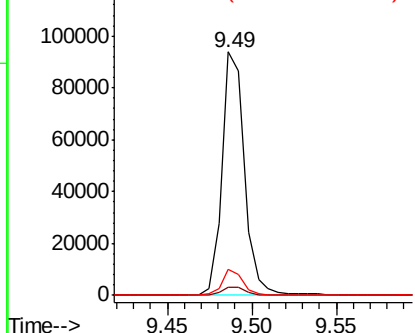
#50
Dimethylphthalate
Concen: 3.993 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.5	8.4	12.6

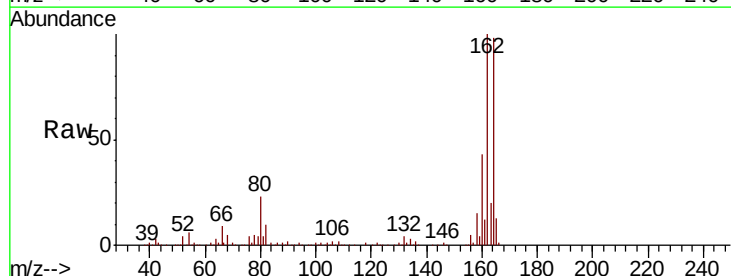


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

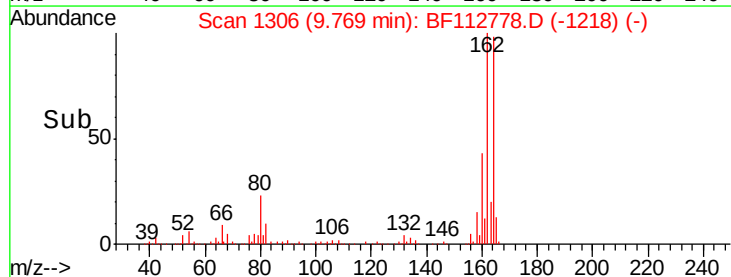
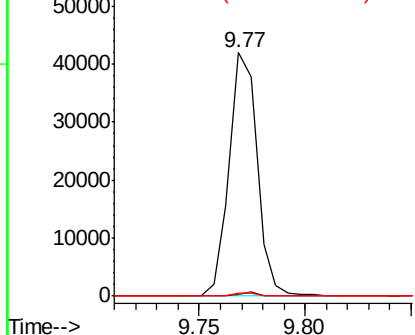


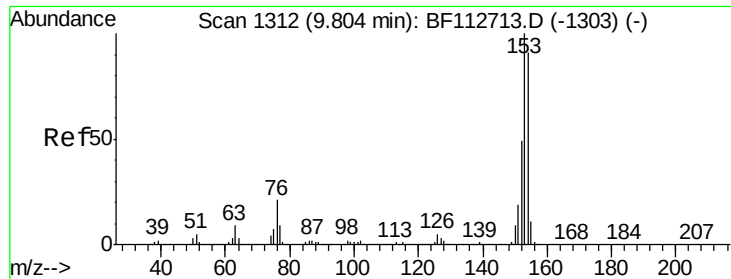
#51
2,6-Dinitrotoluene
Concen: 8.448 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.3	52.8	79.2#



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





#52

Acenaphthene

Concen: 0.064 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

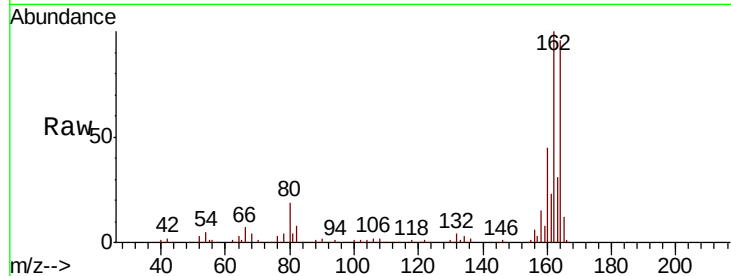
Tgt Ion:154 Resp: 1206

Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.8#

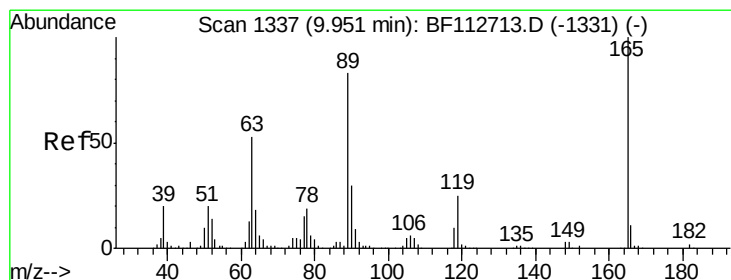
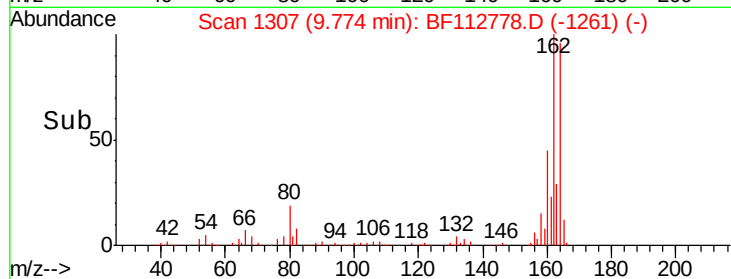
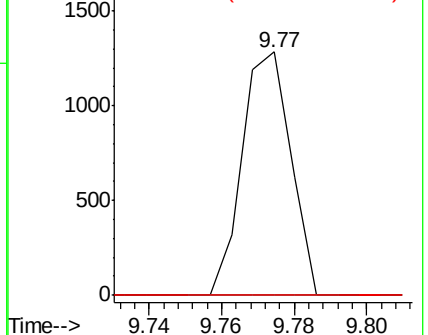
152 0.0 43.0 64.6#



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



#57

2,4-Dinitrotoluene

Concen: 6.796 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.18 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Tgt Ion:165 Resp: 38506

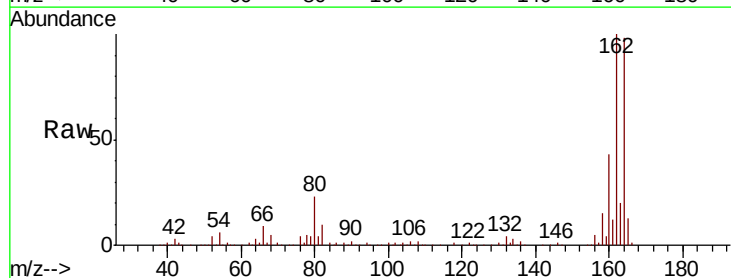
Ion Ratio Lower Upper

165 100

63 1.0 42.2 63.2#

89 1.3 66.2 99.4#

182 0.0 1.8 2.6#

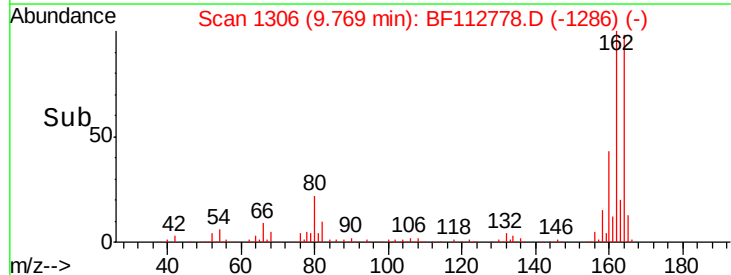
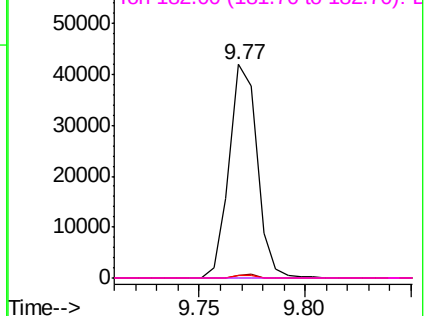


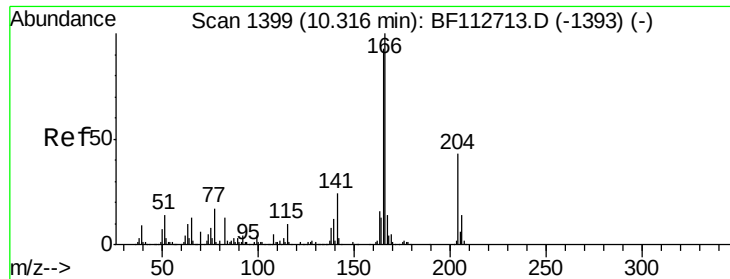
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

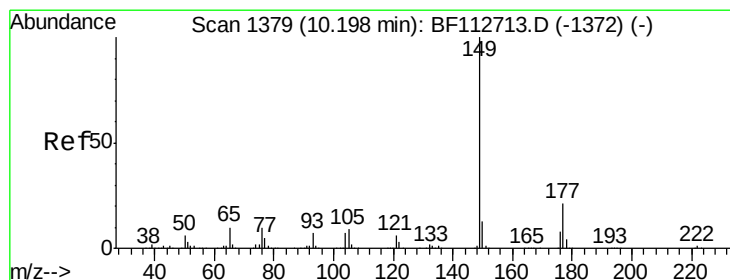
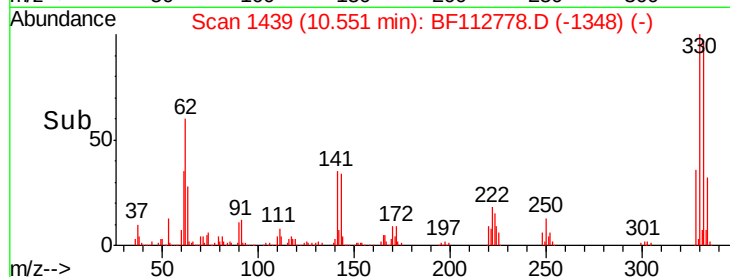
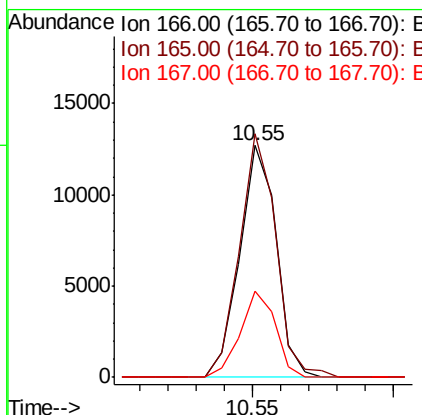
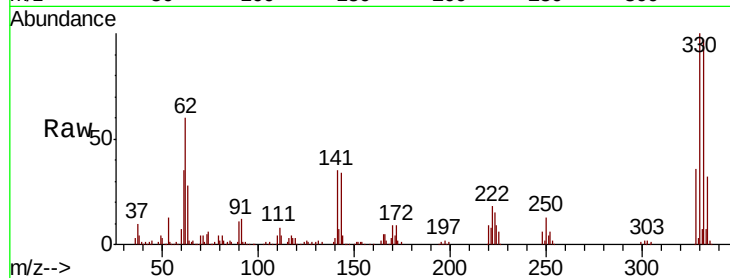




#58
 Fluorene
 Concen: 0.589 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.24 min
 Lab File: BF112778.D
 Acq: 28 Feb 2019 23:05

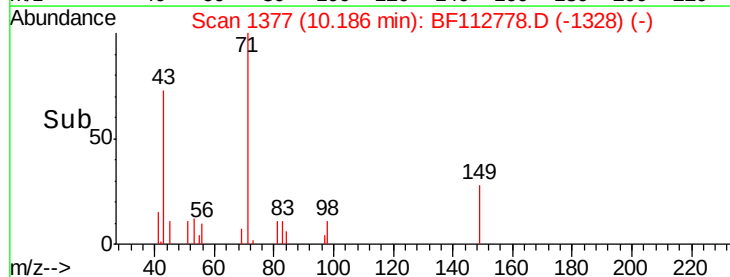
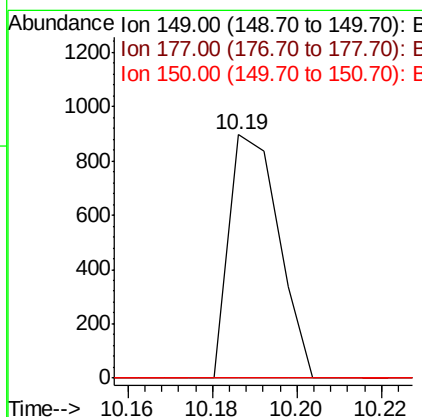
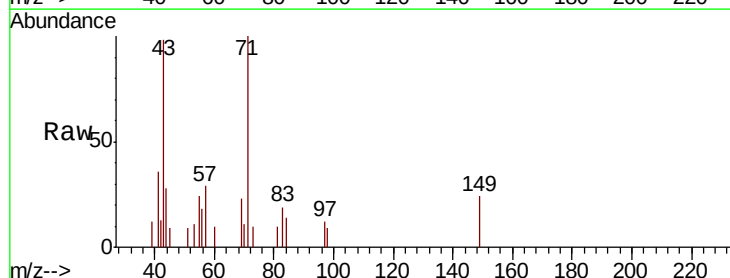
Instrument :
 BNA_F
 ClientSampleId :
 B-1(17-18)

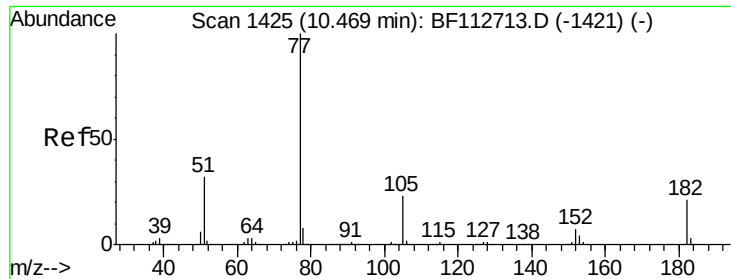
Tgt Ion:166 Resp: 11401
 Ion Ratio Lower Upper
 166 100
 165 105.1 74.7 112.1
 167 37.0 11.0 16.6#



#60
 Diethylphthalate
 Concen: 0.032 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF112778.D
 Acq: 28 Feb 2019 23:05

Tgt Ion:149 Resp: 730
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.0 25.6#
 150 0.0 10.0 15.0#





#63

Azobenzene

Concen: 0.006 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

Tgt Ion: 77 Resp: 153

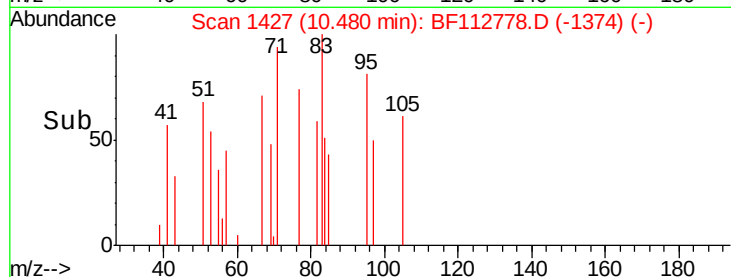
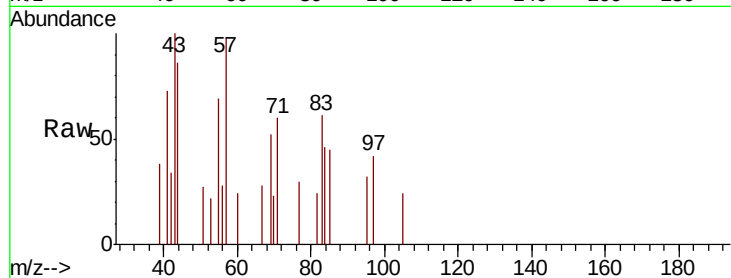
Ion Ratio Lower Upper

77 100

182 0.0 1.4 41.4#

105 82.0 2.6 42.6#

51 91.2 12.0 52.0#

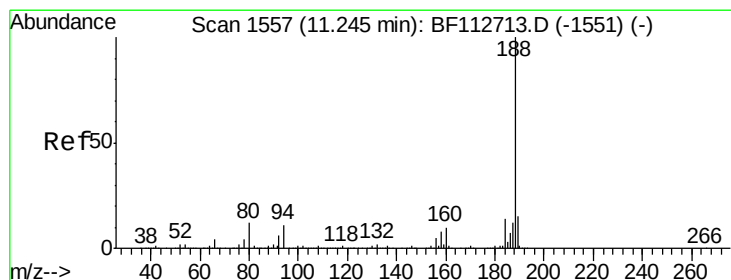
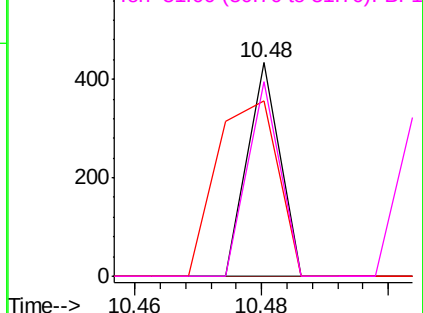


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

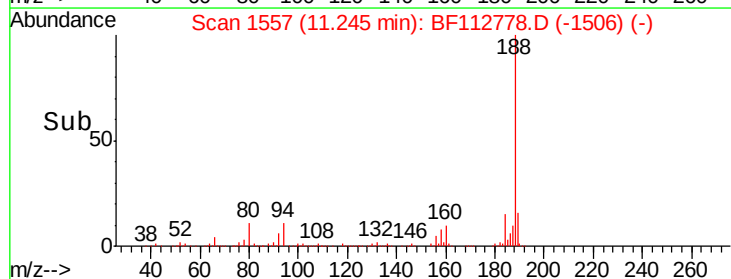
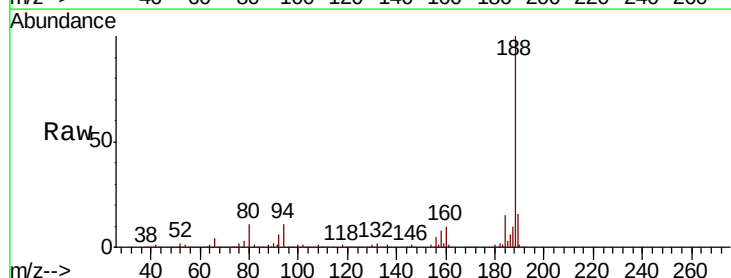
Tgt Ion: 188 Resp: 478752

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

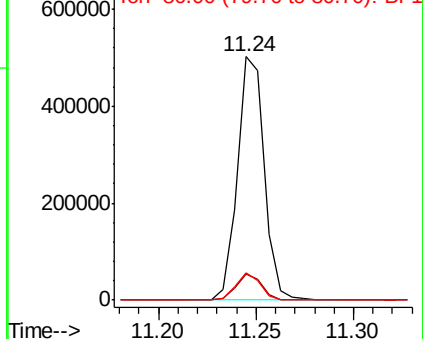
80 11.4 9.2 13.8

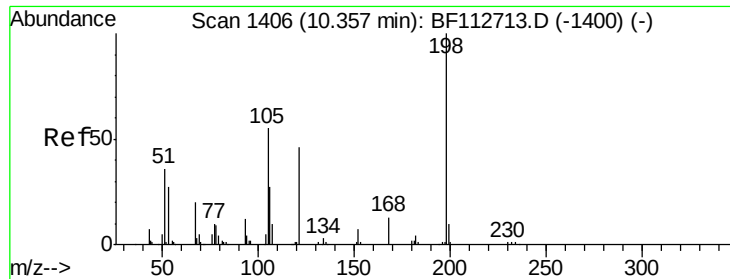


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 4.844 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

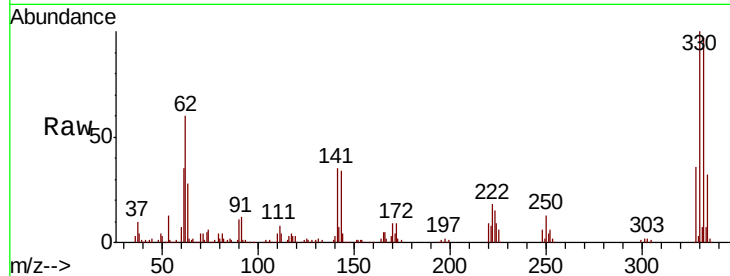
Tgt Ion:198 Resp: 503

Ion Ratio Lower Upper

198 100

51 186.7 43.8 83.8#

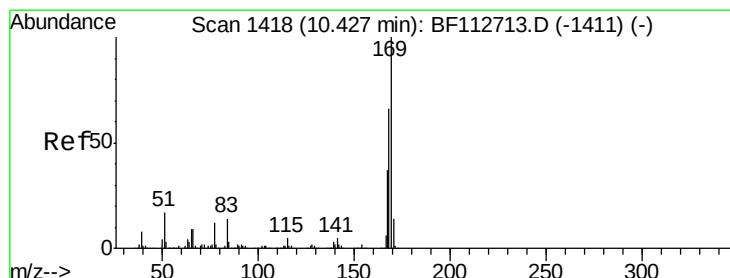
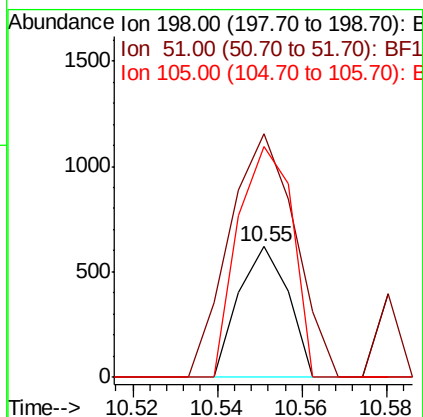
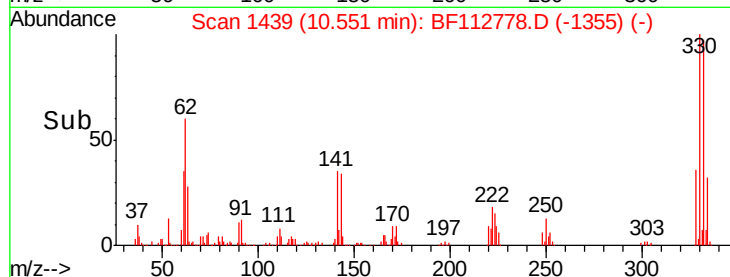
105 177.3 36.5 76.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.501 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.12 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

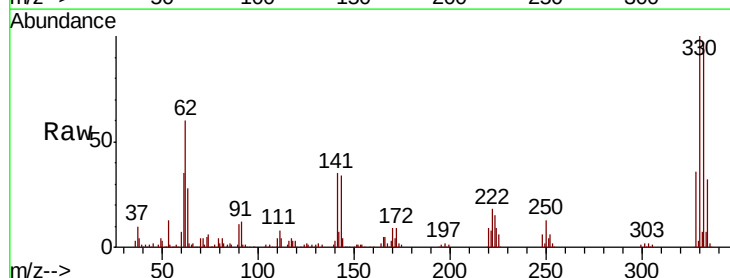
Tgt Ion:169 Resp: 7698

Ion Ratio Lower Upper

169 100

168 9.7 53.0 79.6#

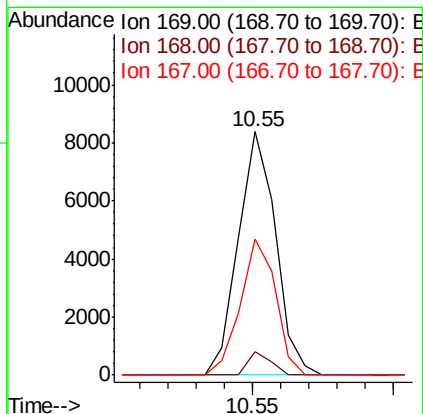
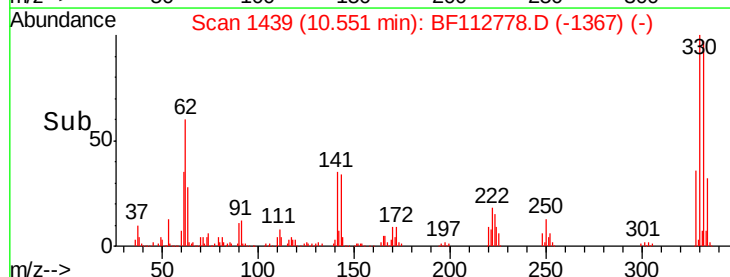
167 56.0 29.3 43.9#

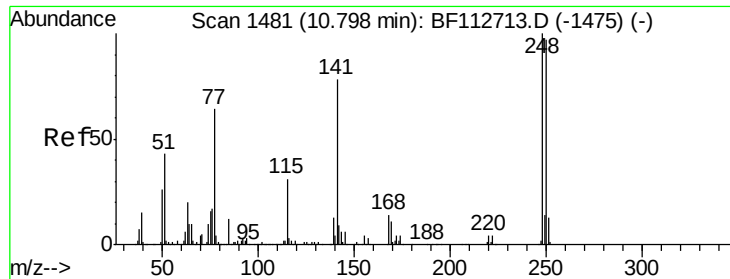


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

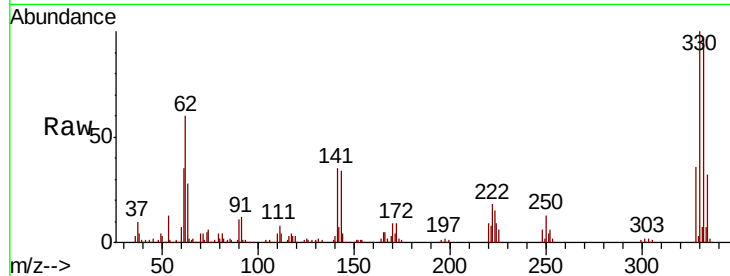




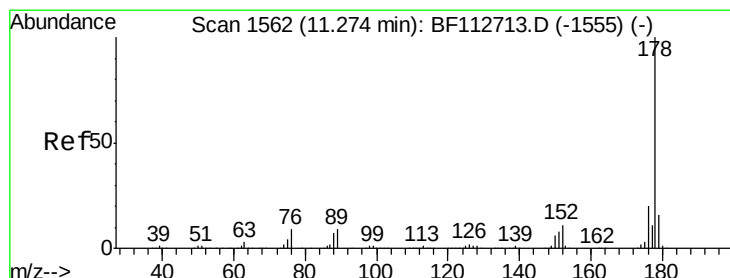
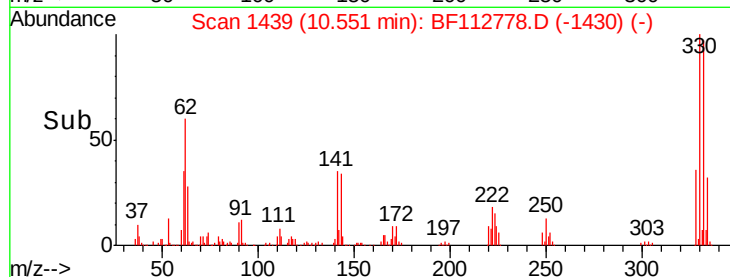
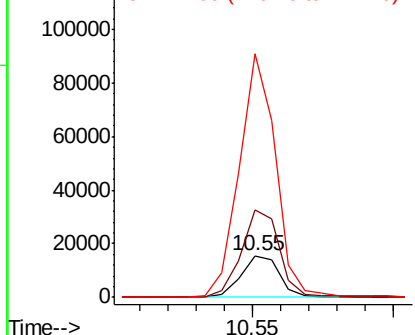
#67
4-Bromophenyl-phenylether
Concen: 2.901 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion:248 Resp: 14628
Ion Ratio Lower Upper
248 100
250 210.1 77.5 116.3#
141 582.4 62.4 93.6#

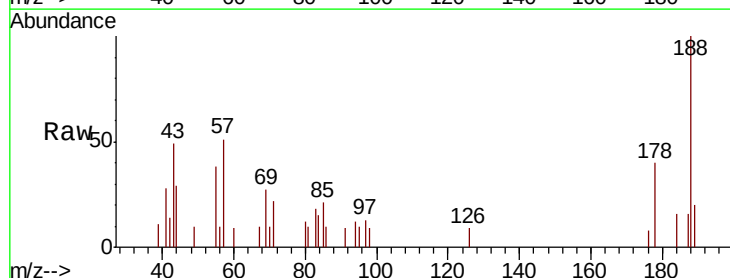


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

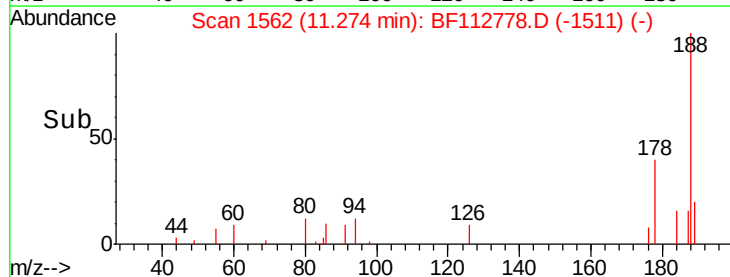
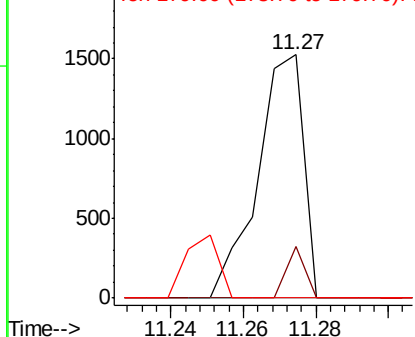


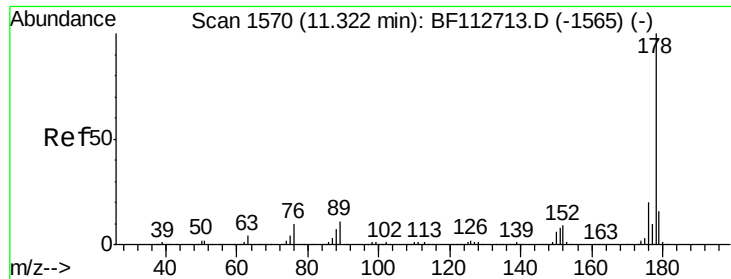
#71
Phenanthrene
Concen: 0.056 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion:178 Resp: 1337
Ion Ratio Lower Upper
178 100
176 21.2 16.3 24.5
179 0.0 12.7 19.1#



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: 0.054 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.05 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

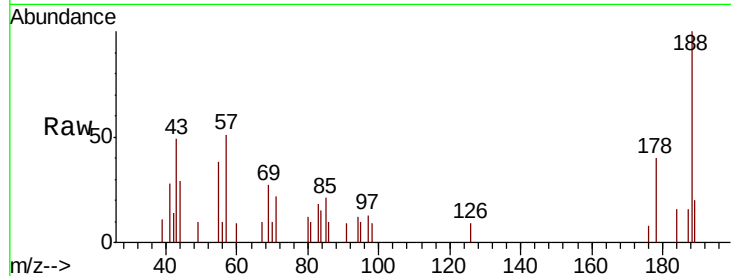
Tgt Ion:178 Resp: 1337

Ion Ratio Lower Upper

178 100

176 21.2 15.8 23.6

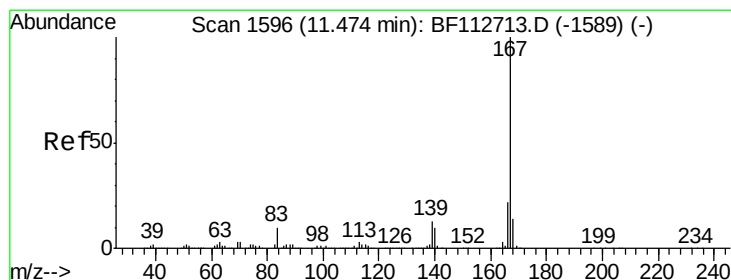
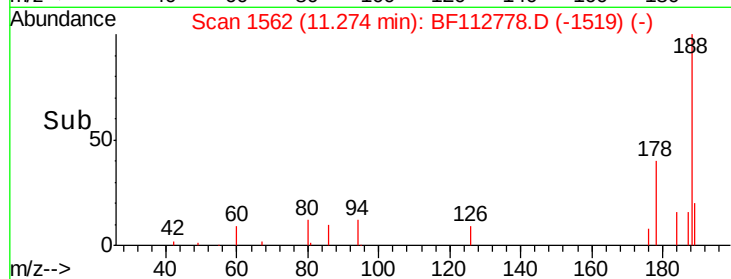
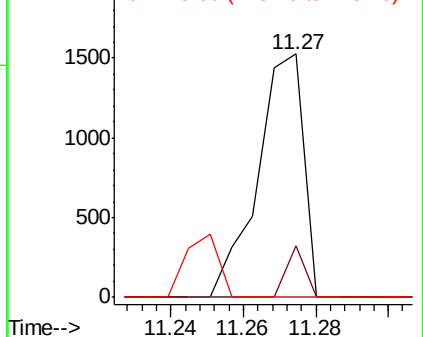
179 0.0 13.0 19.6#



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: 0.005 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

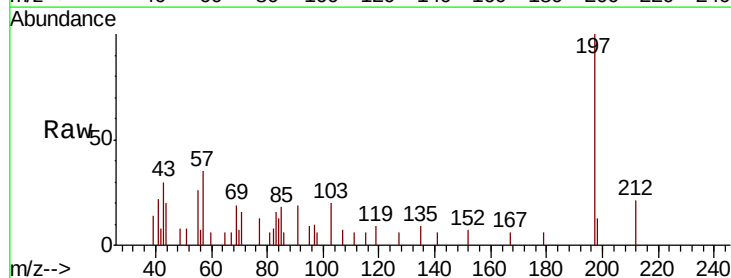
Tgt Ion:167 Resp: 116

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

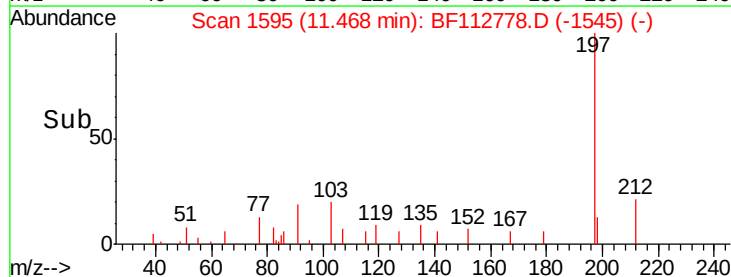
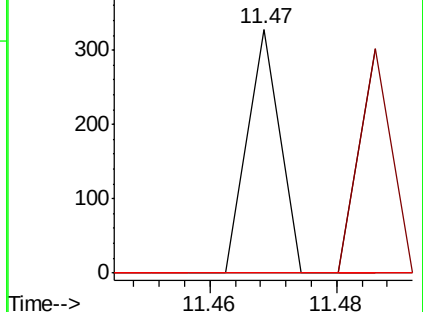
139 0.0 10.8 16.2#

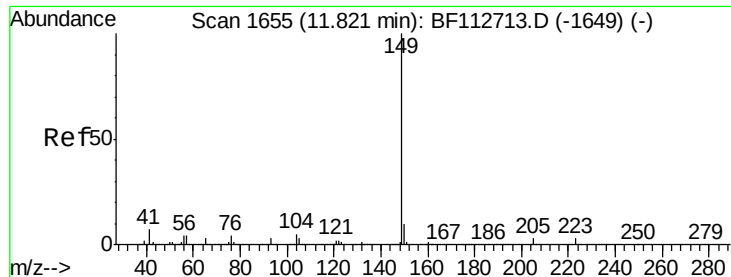


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.163 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

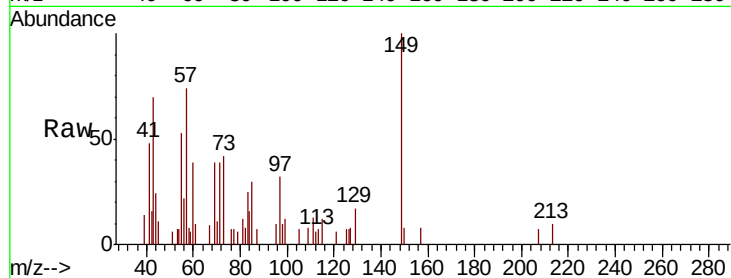
Tgt Ion:149 Resp: 4753

Ion Ratio Lower Upper

149 100

150 7.9 7.6 11.4

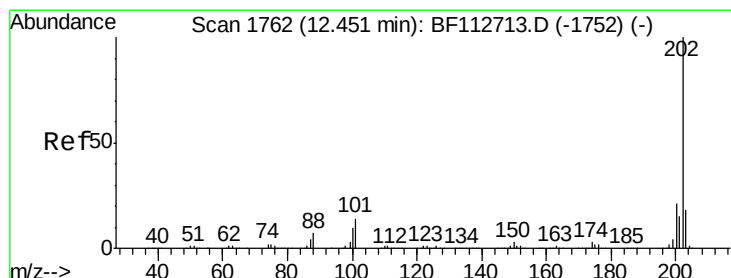
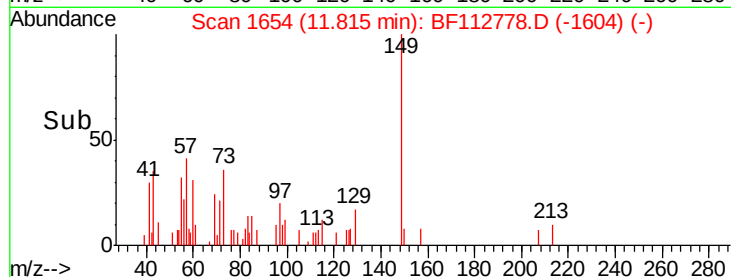
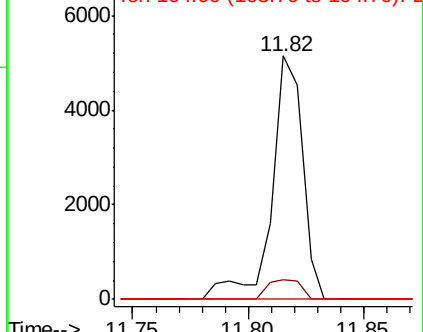
104 0.0 3.7 5.5#



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: 0.023 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

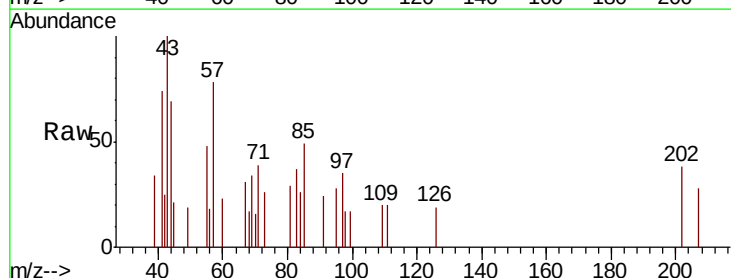
Tgt Ion:202 Resp: 593

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.8

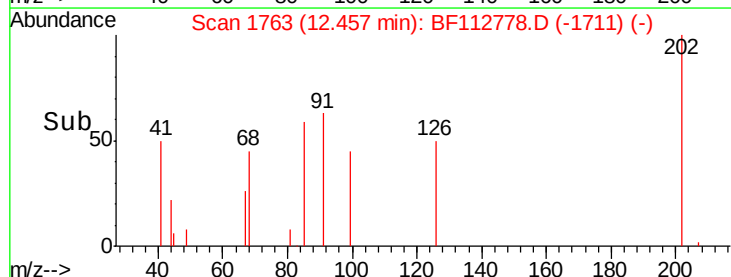
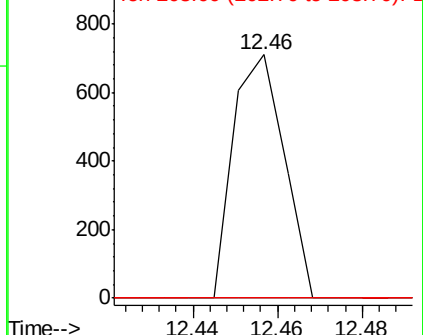
203 0.0 0.0 38.4

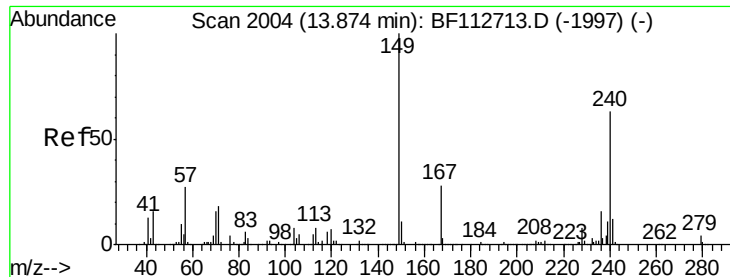


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

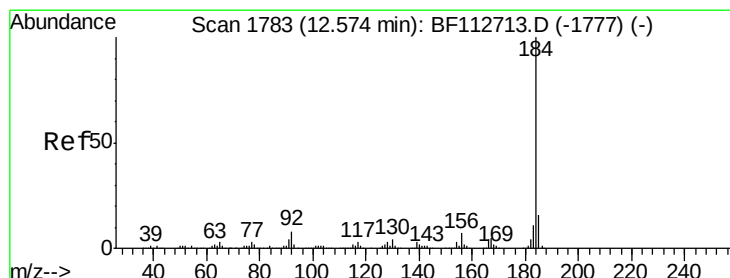
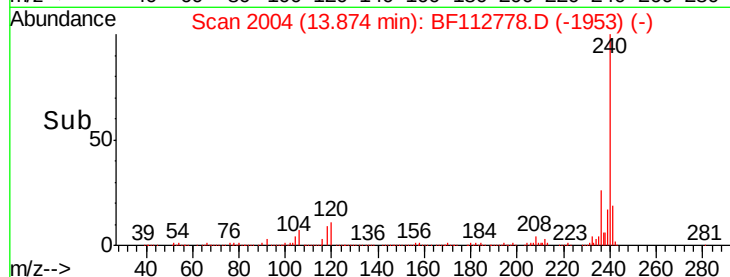
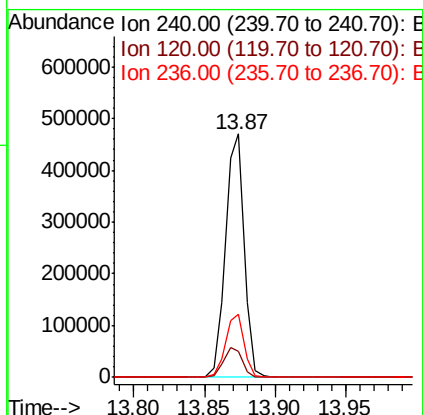
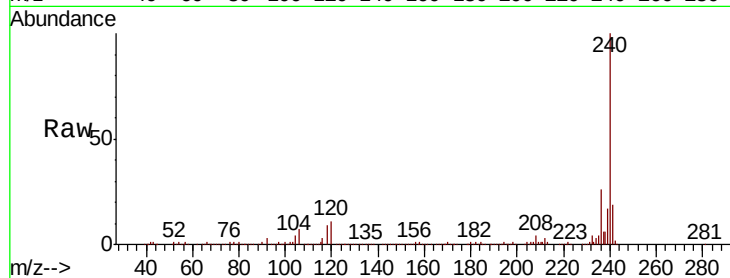




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF112778.D
 Acq: 28 Feb 2019 23:05

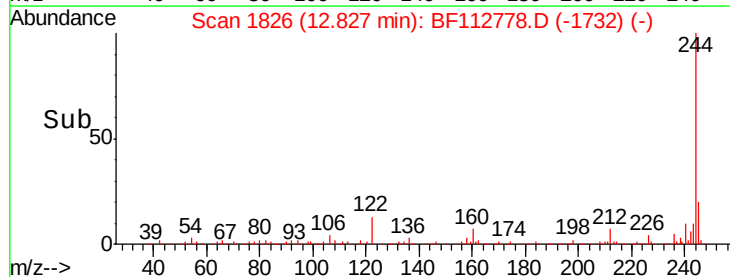
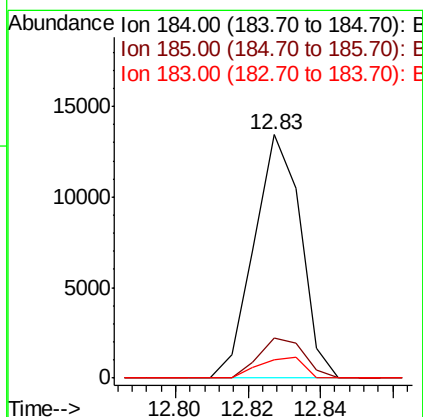
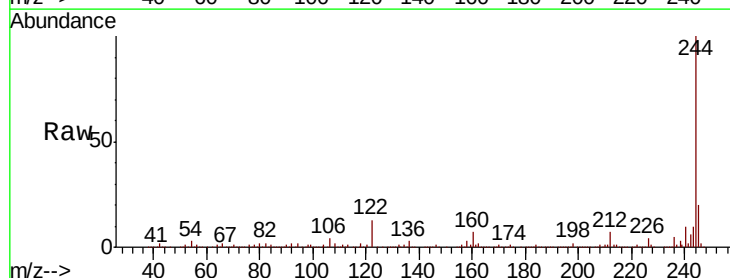
Instrument :
 BNA_F
 ClientSampleId :
 B-1(17-18)

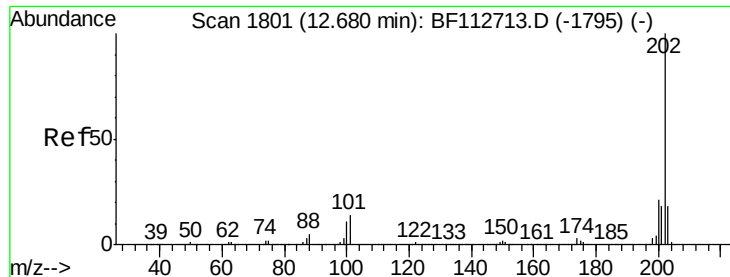
Tgt Ion:240 Resp: 430758
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.9 13.3
 236 26.1 20.7 31.1



#77
 Benzidine
 Concen: 0.537 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.25 min
 Lab File: BF112778.D
 Acq: 28 Feb 2019 23:05

Tgt Ion:184 Resp: 11995
 Ion Ratio Lower Upper
 184 100
 185 16.5 12.6 18.8
 183 7.7 8.6 12.8#





#78

Pyrene

Concen: 0.020 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

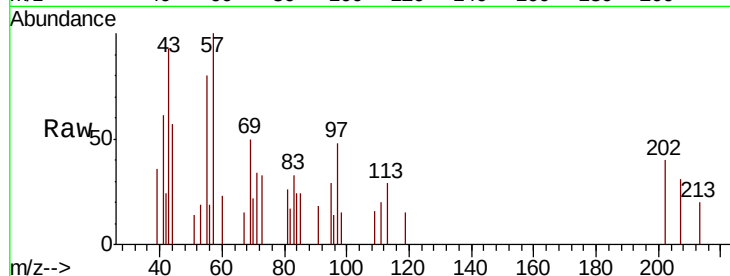
Tgt Ion: 202 Resp: 737

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

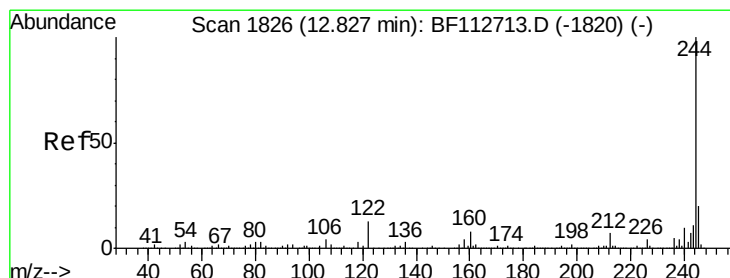
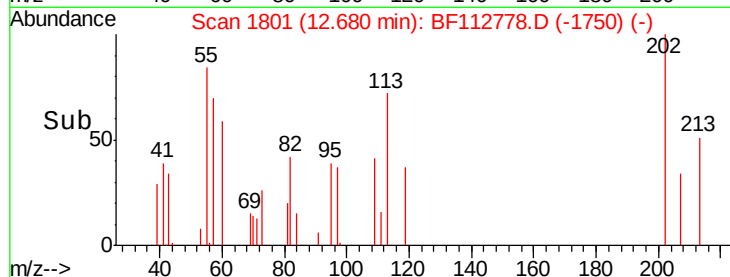
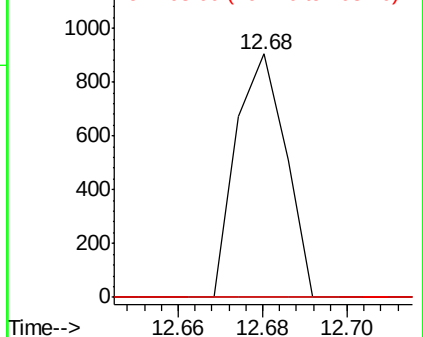
203 0.0 14.4 21.6#



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: 46.322 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

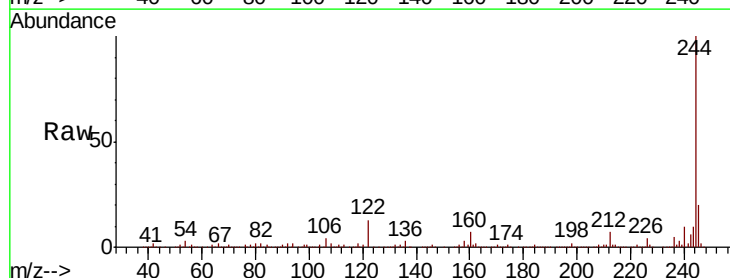
Tgt Ion: 244 Resp: 1029338

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

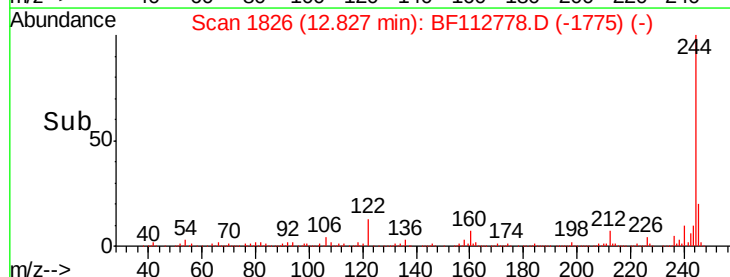
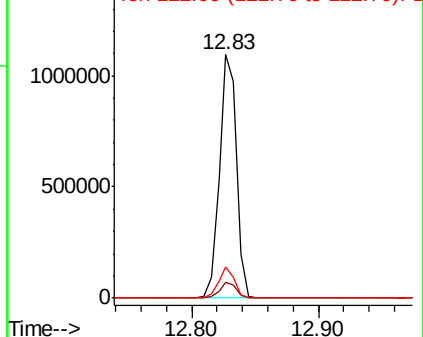
122 12.6 10.5 15.7

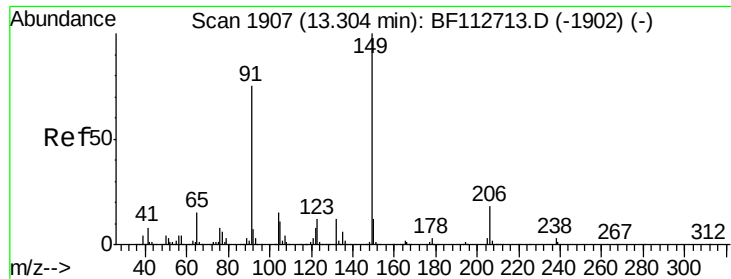


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.014 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

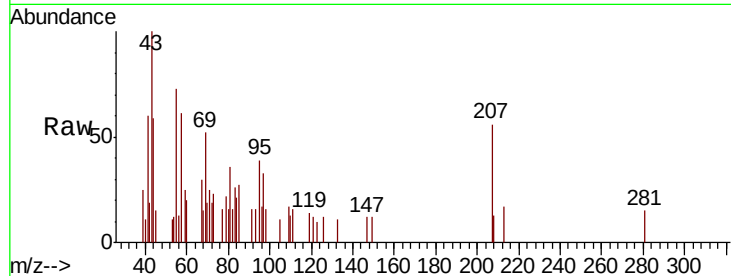
Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

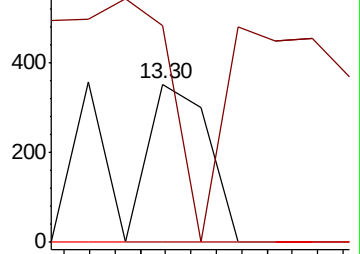
Tgt Ion:	149	Resp:	231
Ion	Ratio	Lower	Upper
149	100		
91	136.5	59.9	89.9#
206	0.0	14.7	22.1#



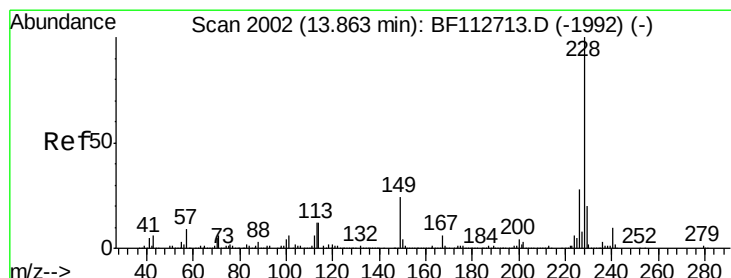
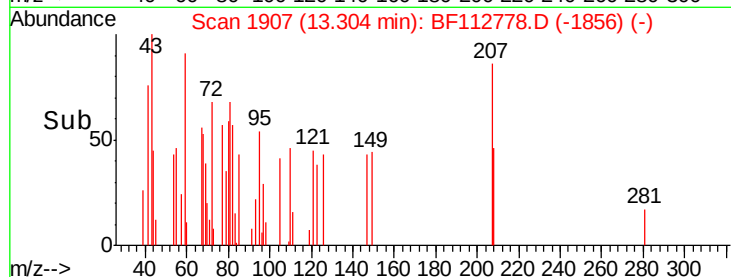
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 0.041 ng

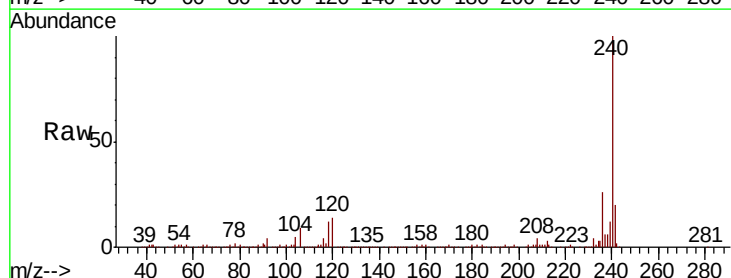
RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

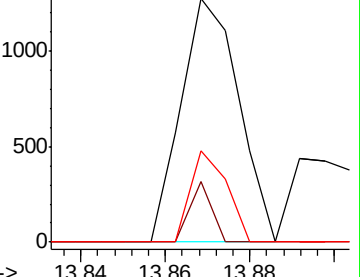
Tgt Ion:	228	Resp:	1211
Ion	Ratio	Lower	Upper
228	100		
226	24.7	22.2	33.4
229	37.4	16.0	24.0#



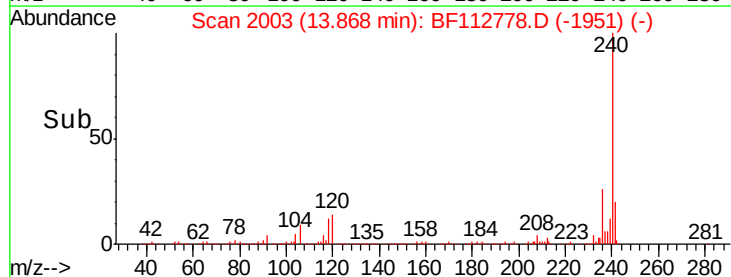
Abundance Ion 228.00 (227.70 to 228.70): E

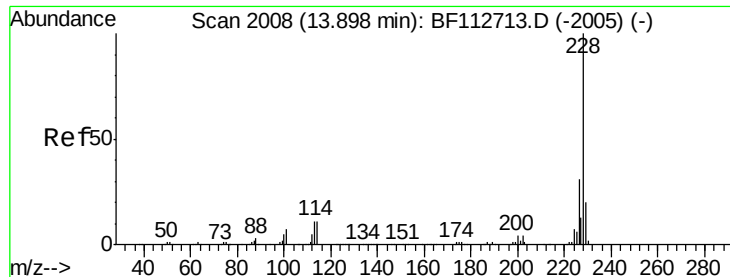
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Chrysene

Concen: 0.015 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)

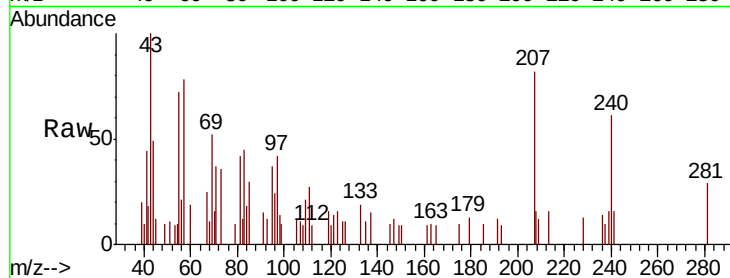
Tgt Ion:228 Resp: 439

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

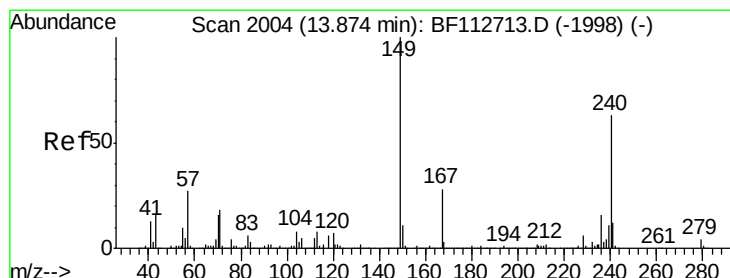
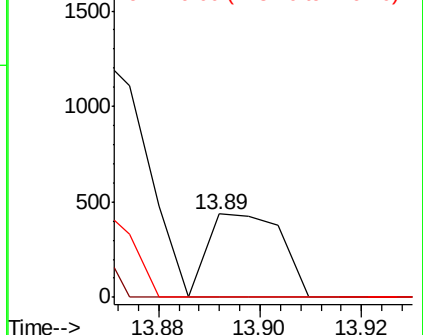
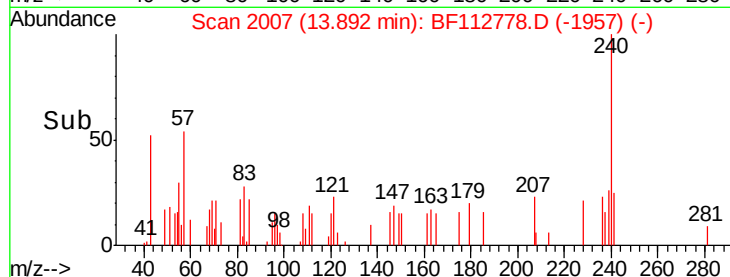
229 0.0 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.158 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112778.D

Acq: 28 Feb 2019 23:05

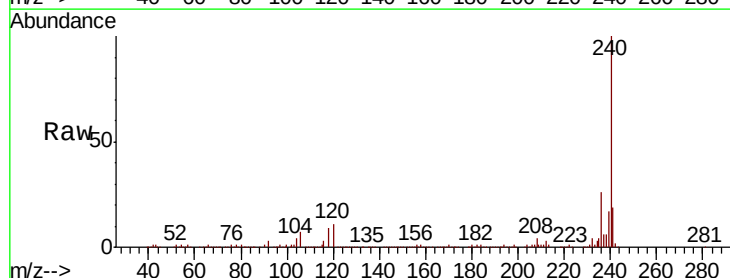
Tgt Ion:149 Resp: 2977

Ion Ratio Lower Upper

149 100

167 39.7 22.4 33.6#

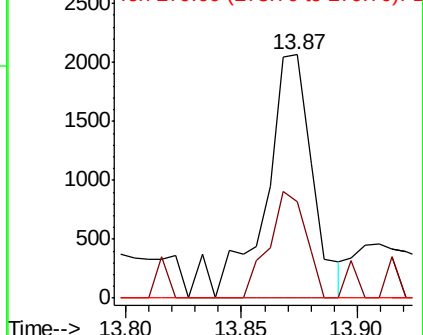
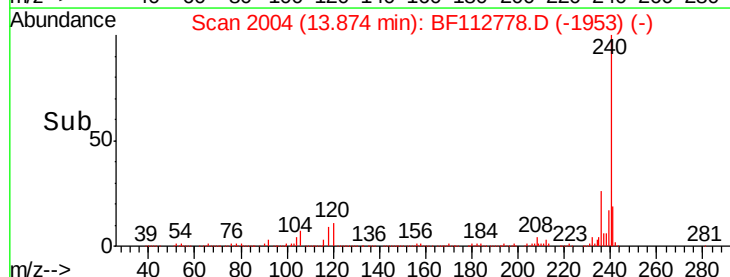
279 0.0 3.3 4.9#

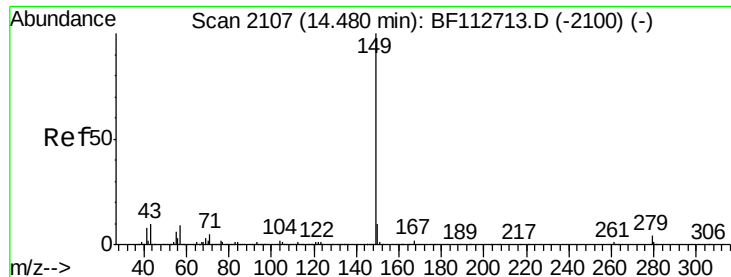


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

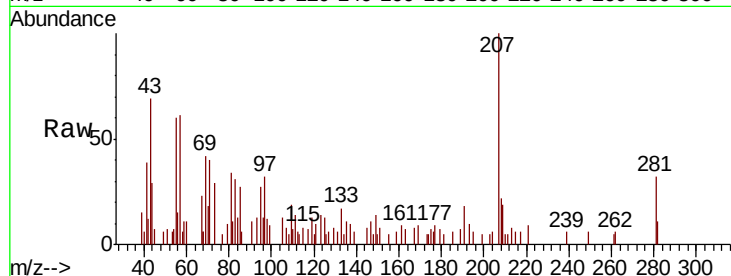




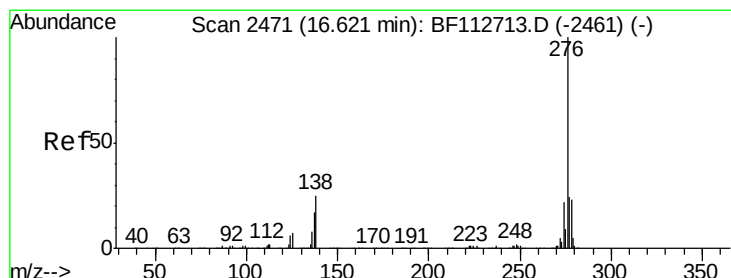
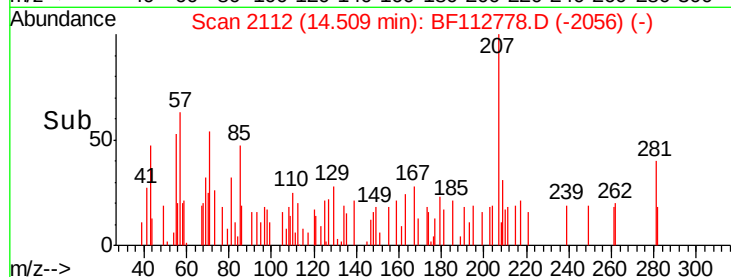
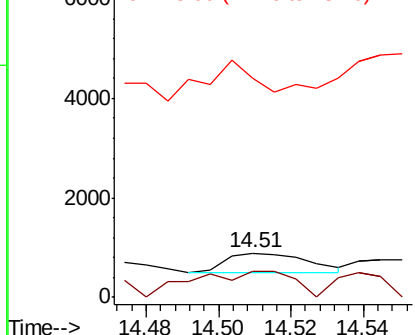
#85
Di-n-octyl phthalate
Concen: 0.019 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.03 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion:149 Resp: 622
Ion Ratio Lower Upper
149 100
167 160.9 1.2 1.8#
43 130.7 9.0 13.4#

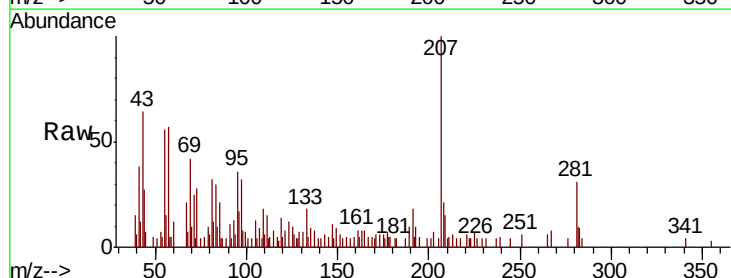


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

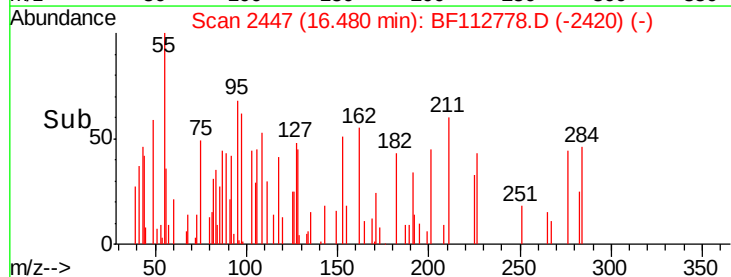
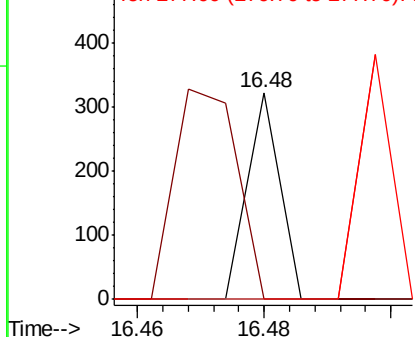


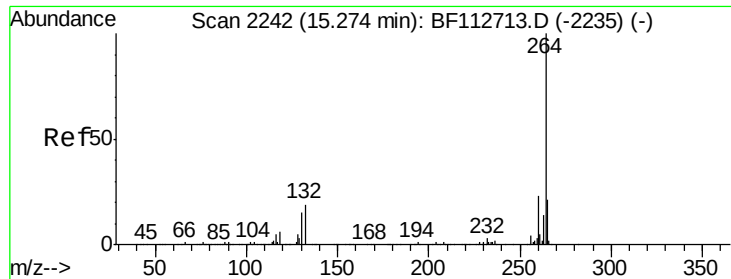
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 16.48 min Scan# 2447
Delta R.T. -0.14 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion:276 Resp: 114
Ion Ratio Lower Upper
276 100
138 195.6 23.2 34.8#
277 0.0 19.9 29.9#



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

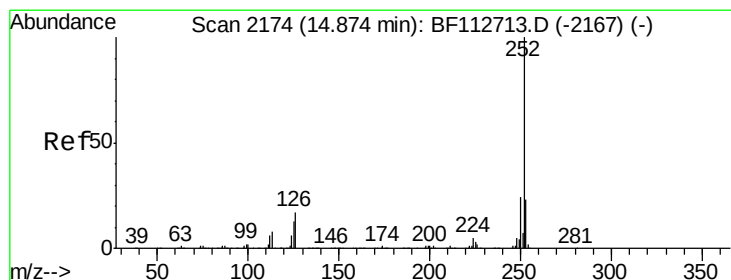
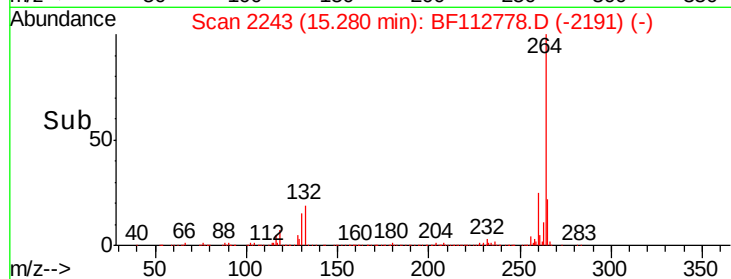
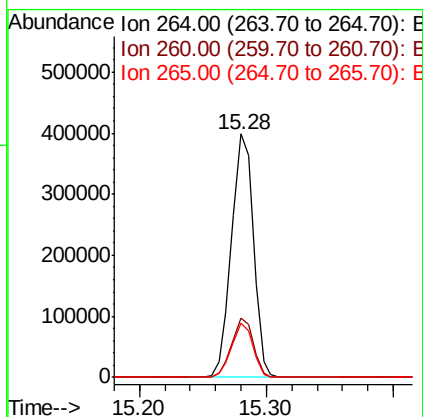
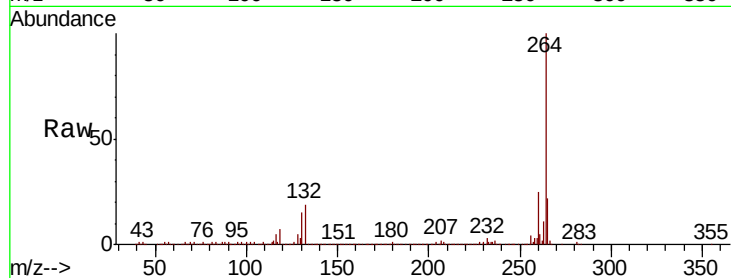




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

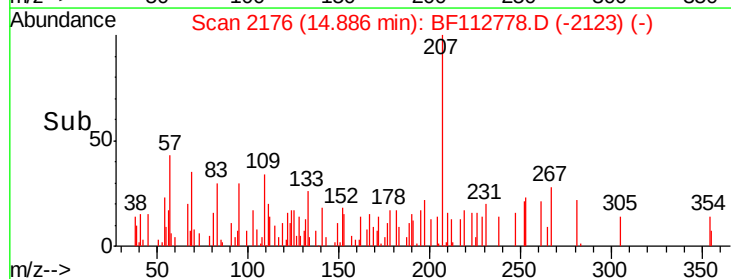
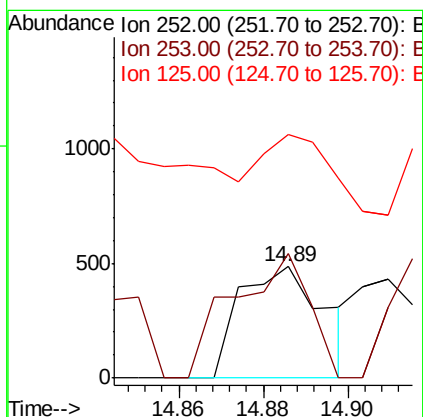
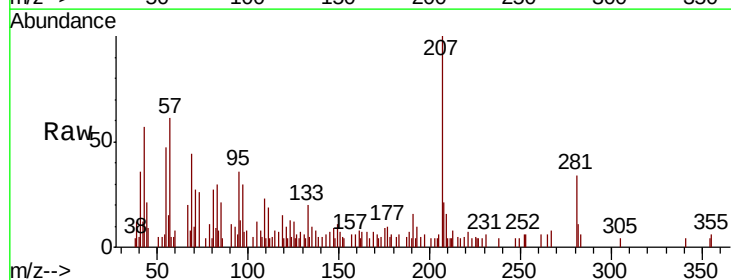
Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

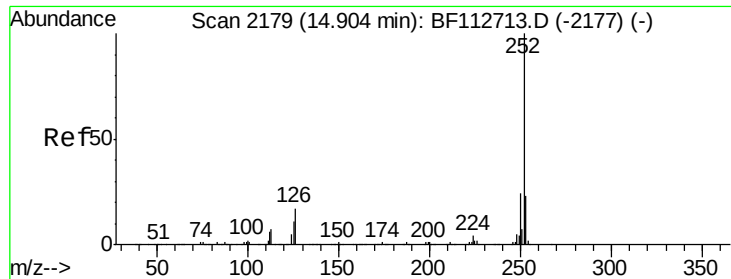
Tgt Ion:264 Resp: 477128
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 22.0 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion:252 Resp: 672
Ion Ratio Lower Upper
252 100
253 112.0 18.0 27.0#
125 219.0 10.2 15.2#

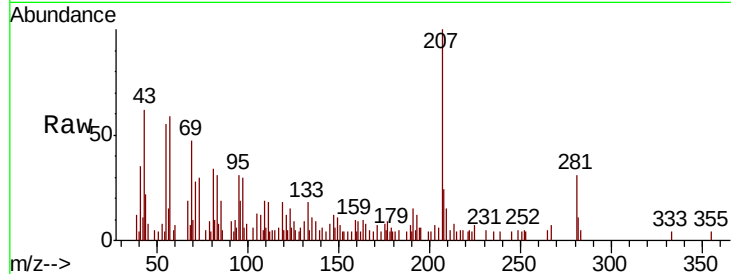




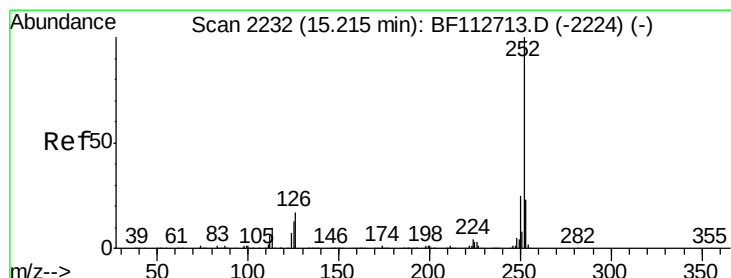
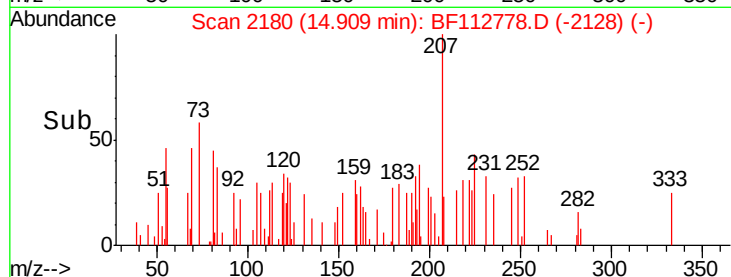
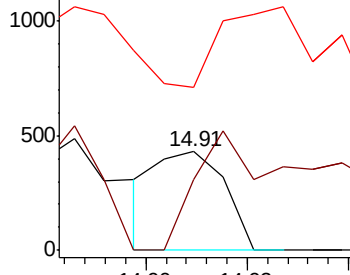
#89
Benzo(k)fluoranthene
Concen: 0.014 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Instrument :
BNA_F
ClientSampleId :
B-1(17-18)

Tgt Ion:252 Resp: 405
Ion Ratio Lower Upper
252 100
253 71.6 18.2 27.2#
125 165.8 9.8 14.6#

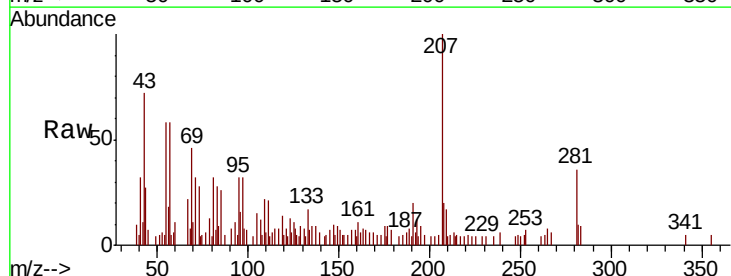


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

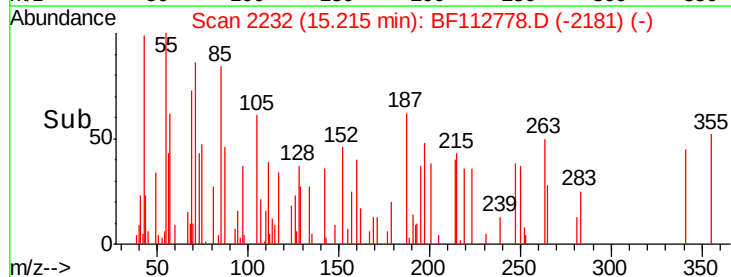
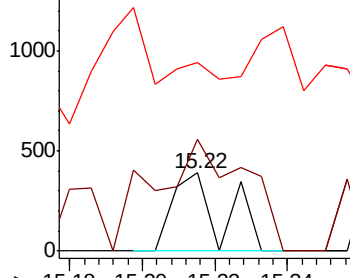


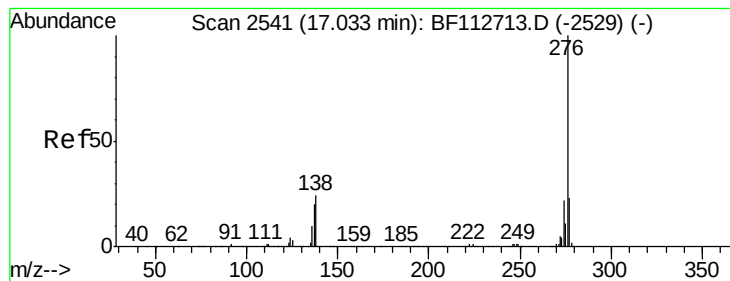
#90
Benzo(a)pyrene
Concen: 0.014 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112778.D
Acq: 28 Feb 2019 23:05

Tgt Ion:252 Resp: 375
Ion Ratio Lower Upper
252 100
253 142.7 18.0 27.0#
125 240.9 10.7 16.1#



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





#92

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF112778.D

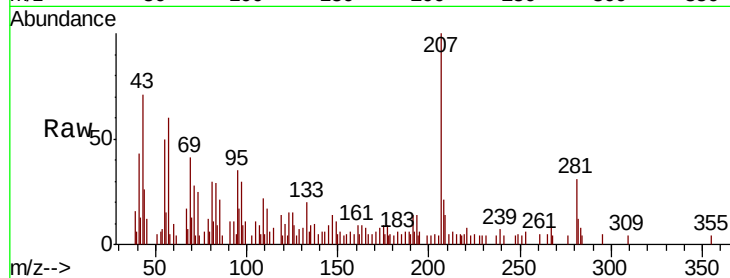
Acq: 28 Feb 2019 23:05

Instrument :

BNA_F

ClientSampleId :

B-1(17-18)



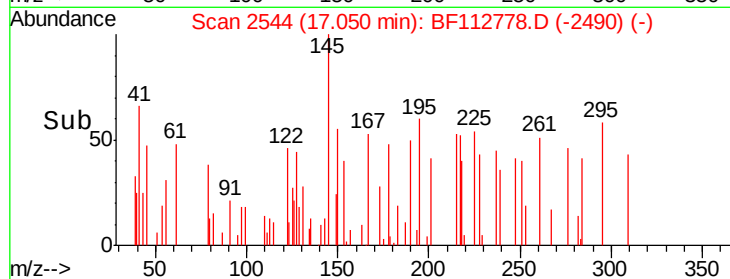
Tgt Ion: 276 Resp: 122

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 19.4 29.0#



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

