

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113180.D
 Acq On : 20 Mar 2019 19:29
 Operator : JU/SJ
 Sample : K1994-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

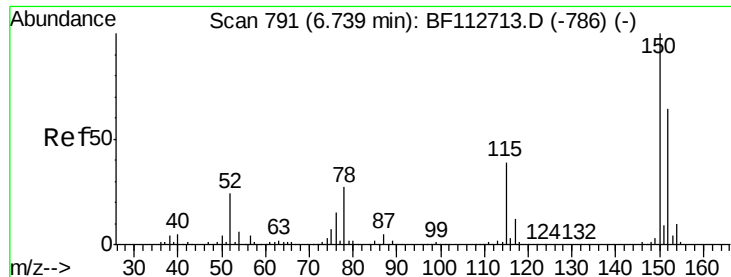
Quant Time: Mar 21 12:22:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110278	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	270848	20.00	ng	0.01
39) Acenaphthene-d10	9.77	164	194233	20.00	ng	0.02
64) Phenanthrene-d10	11.25	188	351323	20.00	ng	0.02
76) Chrysene-d12	13.87	240	341657	20.00	ng	0.00
87) Perylene-d12	15.28	264	276447	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	147984	20.87	ng	0.00
7) Phenol-d6	6.37	99	194955	21.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	161796	35.75	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	46690	22.64	ng	0.01
45) 2-Fluorobiphenyl	9.09	172	223065	14.54	ng	0.00
79) Terphenyl-d14	12.82	244	269561	15.29	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.29	77	24887	3.878	ng	# 1
18) Hexachloroethane	7.23	117	26538	8.474	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	20048	3.555	ng	# 71
22) Acetophenone	7.13	105	280438	44.281	ng	# 45
24) Nitrobenzene	7.30	77	20282	4.026	ng	# 18
25) Isophorone	7.55	82	109278	11.206	ng	# 1
26) 2-Nitrophenol	7.65	139	9296	4.433	ng	# 1
28) bis(2-Chloroethoxy)methane	7.78	93	25874	4.244	ng	# 1
29) 2,4-Dichlorophenol	7.86	162	10959	2.897	ng	# 4
31) Naphthalene	8.03	128	127276	9.465	ng	# 82
35) Caprolactam	8.49	113	7929	5.950	ng	# 1
37) 2-Methylnaphthalene	8.73	142	308979	35.581	ng	# 96
38) 1-Methylnaphthalene	8.83	142	186902	22.219	ng	# 96
46) 1,1'-Biphenyl	9.19	154	79762	5.035	ng	# 97
51) 2,6-Dinitrotoluene	9.55	165	8003	2.683	ng	# 54
53) 3-Nitroaniline	9.76	138	13213	3.636	ng	# 52
54) 2,4-Dinitrophenol	9.85	184	1286	7.422	ng	# 1
56) 4-Nitrophenol	9.88	139	20328	6.883	ng	# 10
57) 2,4-Dinitrotoluene	9.98	165	12648	3.412	ng	# 65
58) Fluorene	10.32	166	51711	4.082	ng	# 55
60) Diethylphthalate	10.19	149	32959	2.179	ng	# 48
65) 4,6-Dinitro-2-methylphenol	10.39	198	861	5.152	ng	# 1
66) n-Nitrosodiphenylamine	10.43	169	94201	8.361	ng	# 54
69) Atrazine	10.96	200	31646	9.171	ng	# 70
71) Phenanthrene	11.27	178	62598	3.581	ng	# 81
78) Pyrene	12.68	202	82801	2.875	ng	# 97

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

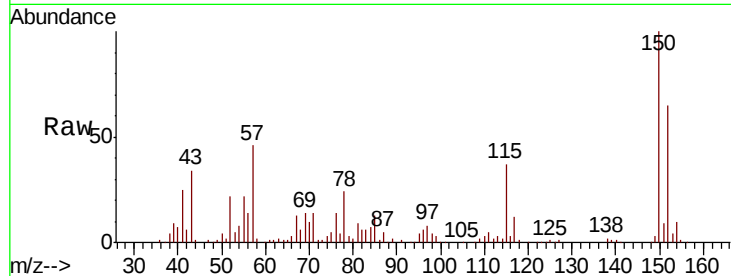


#1

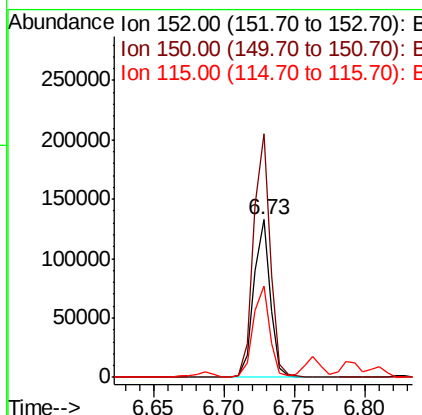
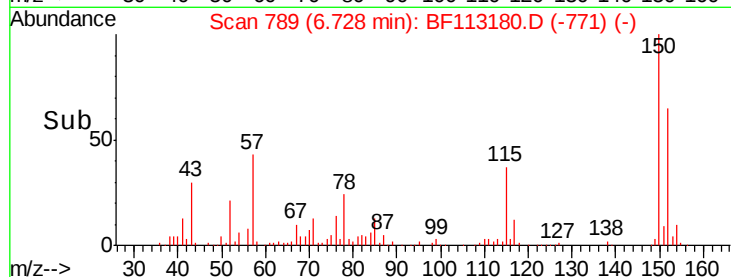
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.6
115	57.8	45.9	68.9



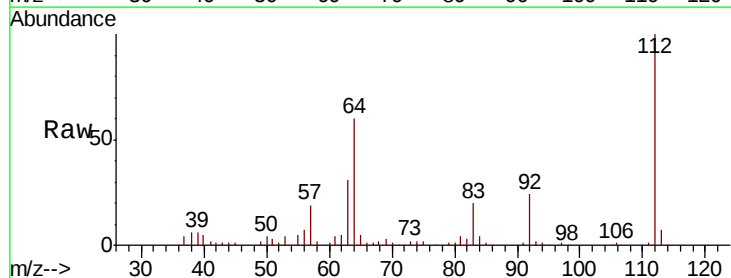
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



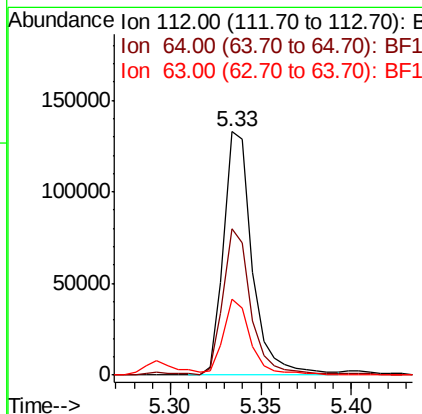
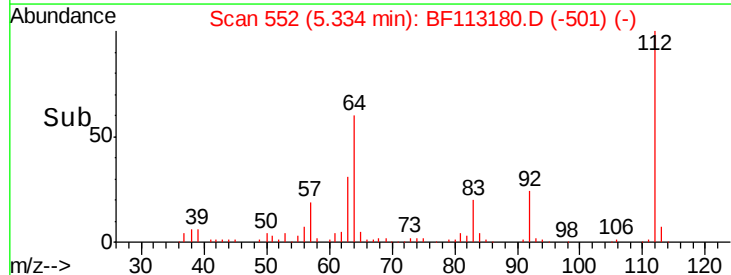
#5

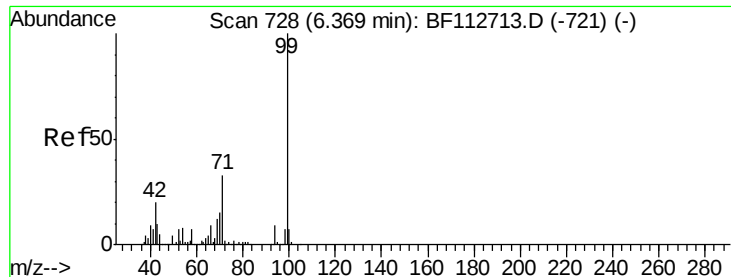
2-Fluorophenol
Concen: 20.874 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.3	73.9
63	31.0	25.4	38.2



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





#7

Phenol-d6

Concen: 21.892 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113180.D

Acq: 20 Mar 2019 19:29

Instrument :

BNA_F

ClientSampleId :

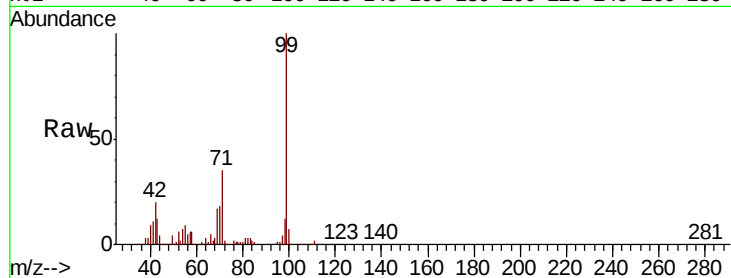
Tot Ion: 99 Resp: 194955

Ion Ratio Lower Upper

99 100

42 19.8 15.2 22.8

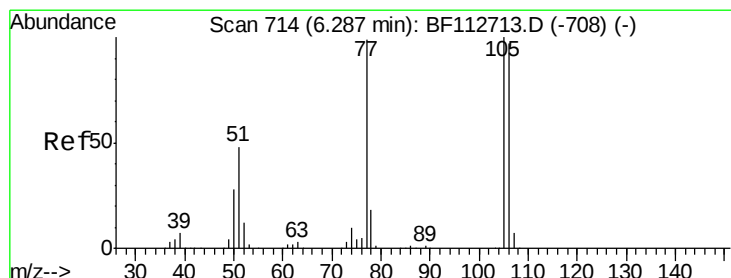
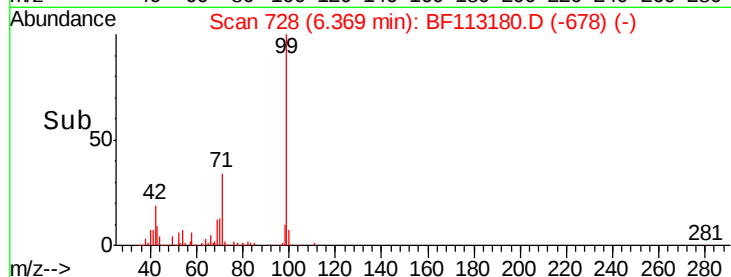
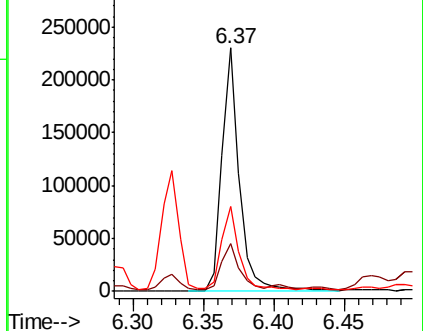
71 35.0 25.7 38.5



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



#9

Benzaldehyde

Concen: 3.878 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.02 min

Lab File: BF113180.D

Acq: 20 Mar 2019 19:29

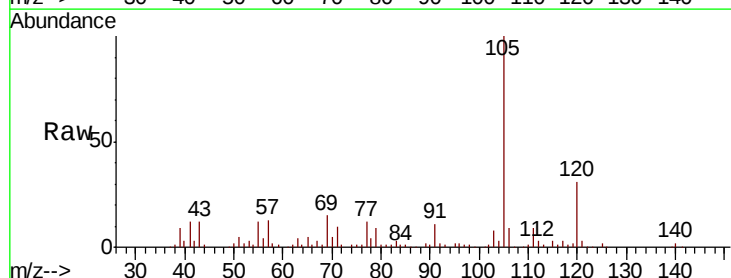
Tgt Ion: 77 Resp: 24887

Ion Ratio Lower Upper

77 100

105 837.8 81.4 121.4#

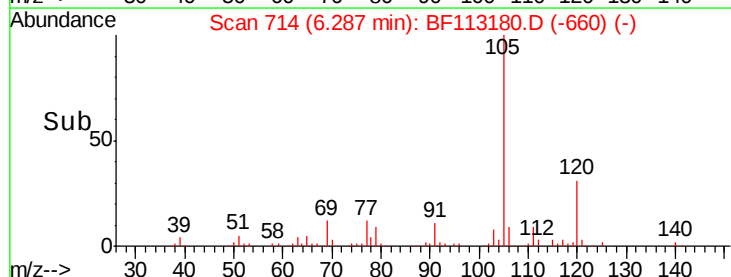
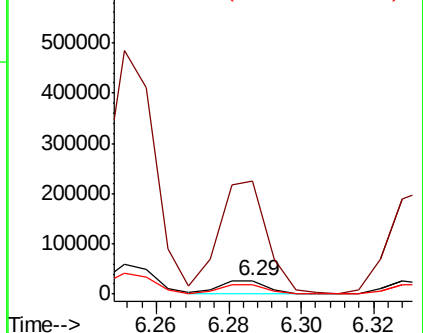
106 72.2 77.1 117.1#

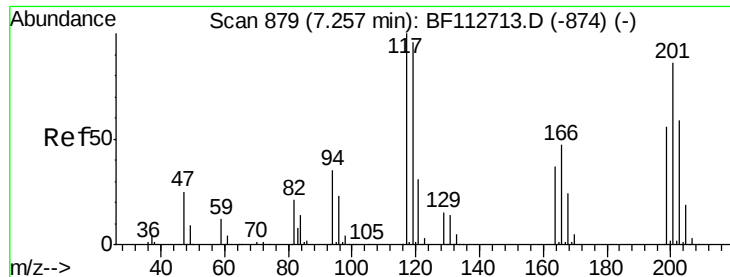


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

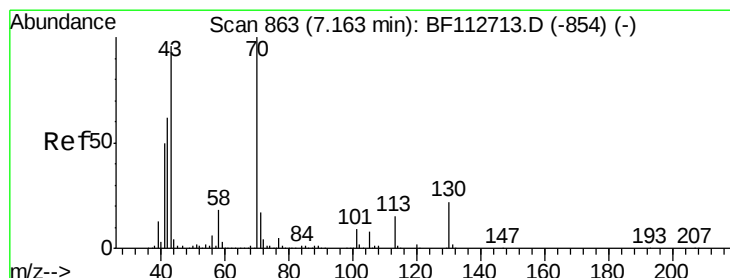
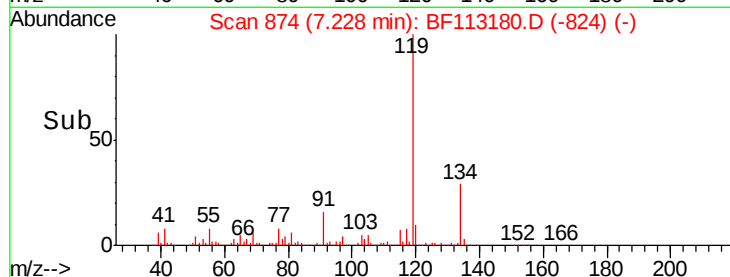
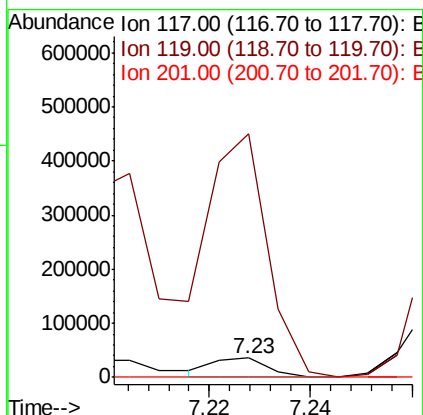
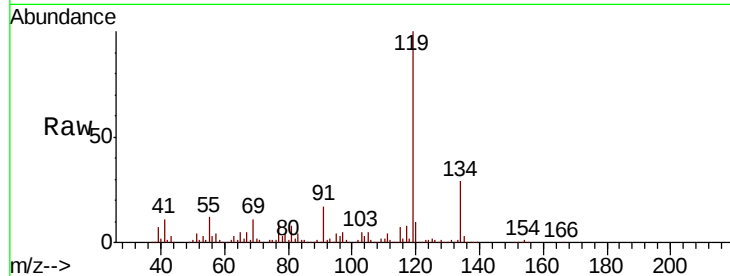




#18
Hexachloroethane
Concen: 8.474 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

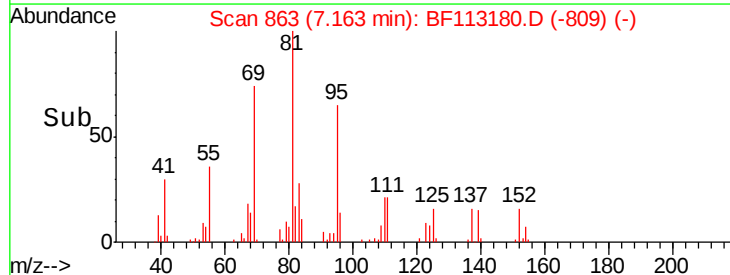
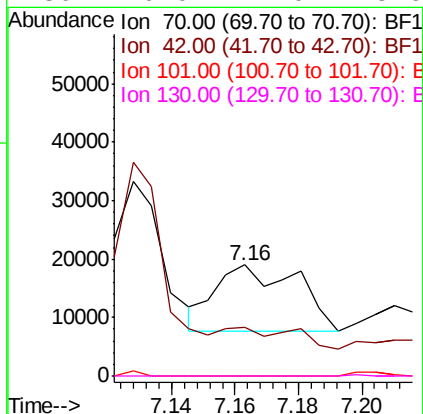
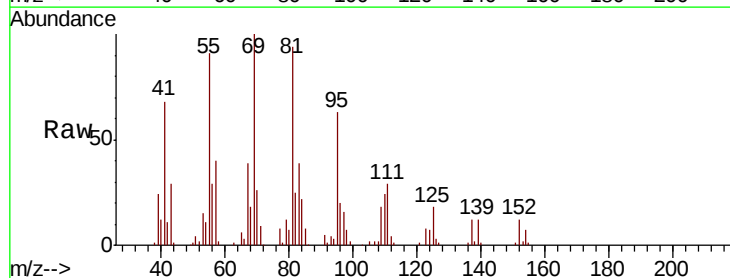
Instrument :
BNA_F
ClientSampleId :

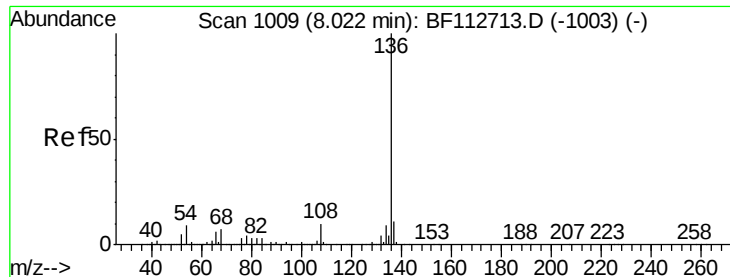
Tot Ion:117 Resp: 26538
Ion Ratio Lower Upper
117 100
119 1259.8 77.1 115.7#
201 0.0 78.1 117.1#



#19
n-Nitroso-di-n-propylamine
Concen: 3.555 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion: 70 Resp: 20048
Ion Ratio Lower Upper
70 100
42 43.9 50.4 75.6#
101 0.0 7.5 11.3#
130 0.0 17.0 25.6#

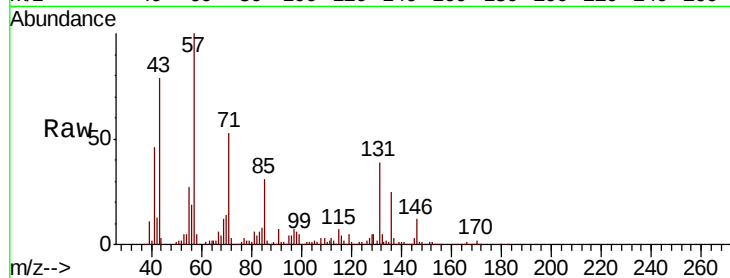




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	270848
Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	18.0	7.0	10.6#
68	14.5	5.0	7.4#



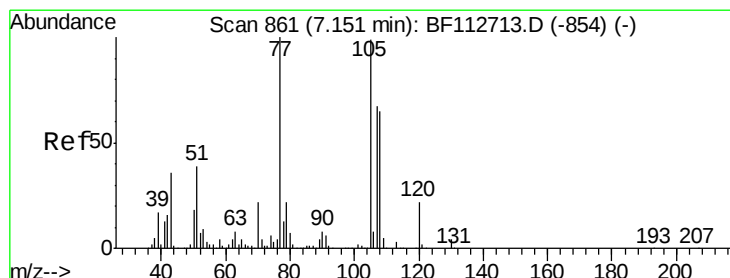
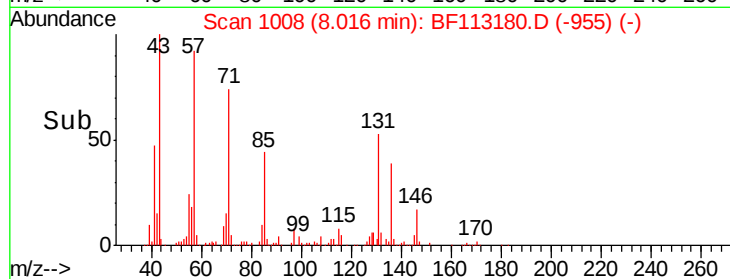
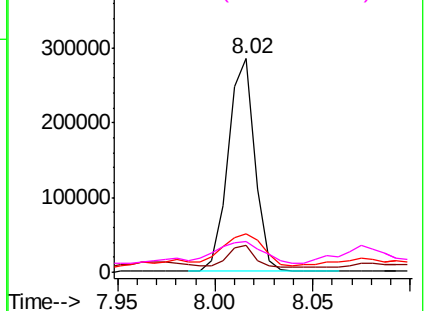
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

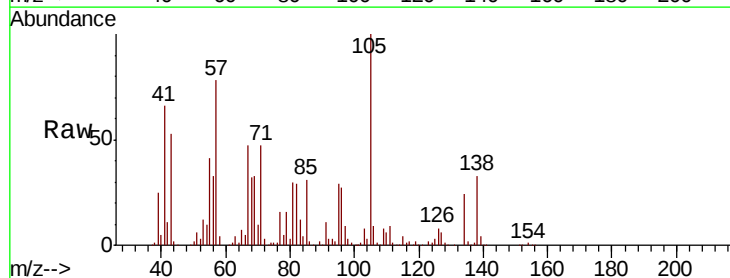
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.281 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion:	105	Resp:	280438
Ion	Ratio	Lower	Upper
105	100		
71	47.1	4.6	6.8#
51	6.5	27.4	41.0#
120	0.2	18.2	27.4#



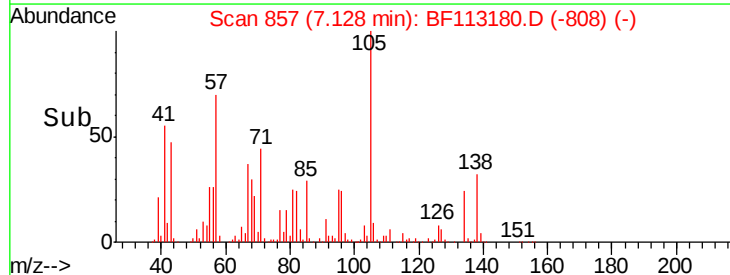
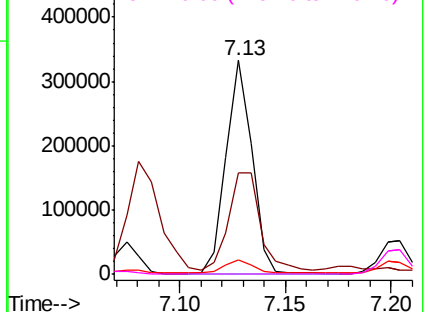
Abundance

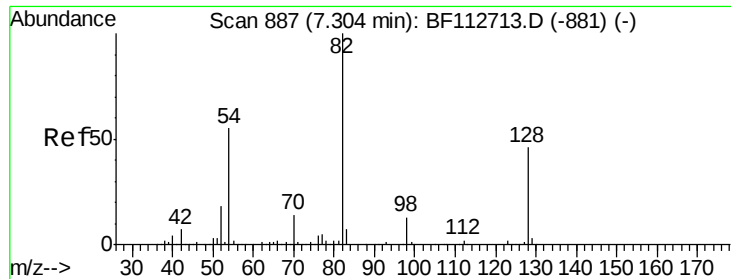
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

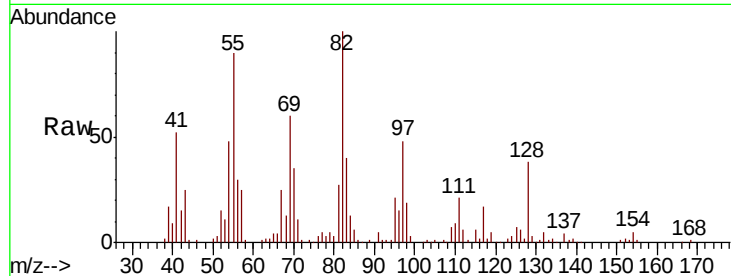




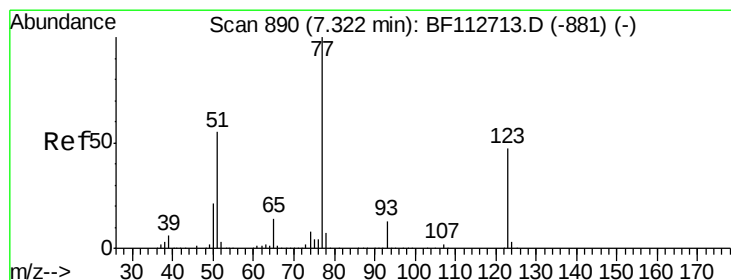
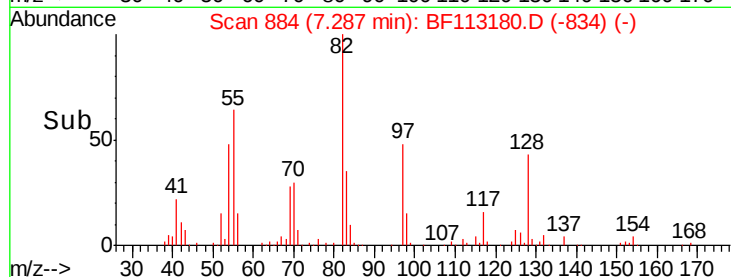
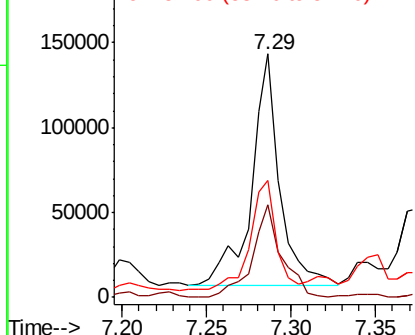
#23
Nitrobenzene-d5
Concen: 35.745 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 161796
Ion Ratio Lower Upper
82 100
128 37.8 37.9 56.9#
54 48.1 41.2 61.8

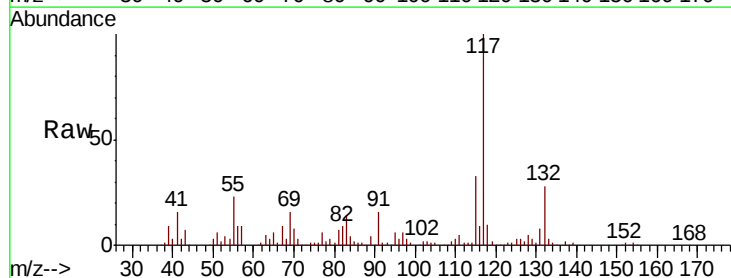


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

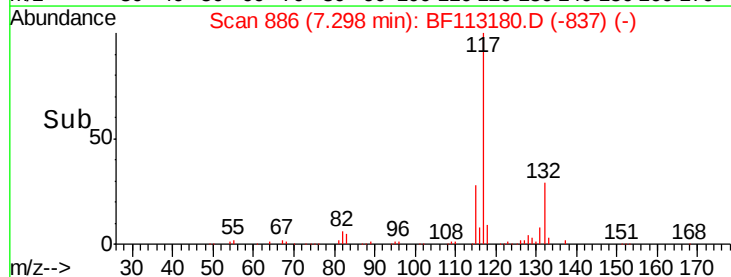
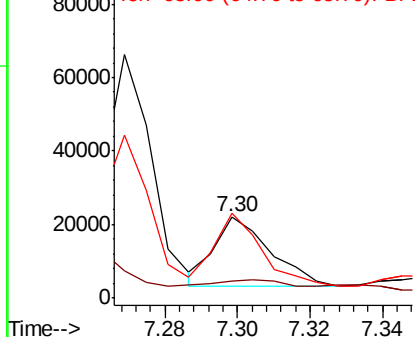


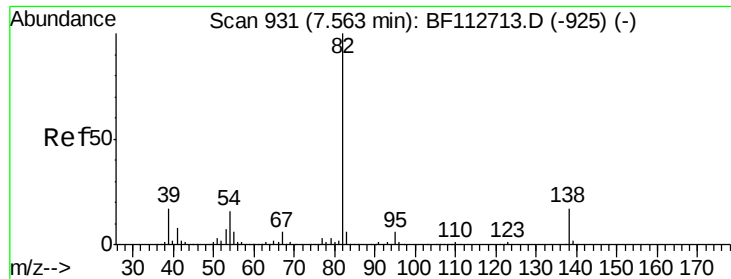
#24
Nitrobenzene
Concen: 4.026 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion: 77 Resp: 20282
Ion Ratio Lower Upper
77 100
123 20.5 39.8 59.6#
65 104.0 10.9 16.3#



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

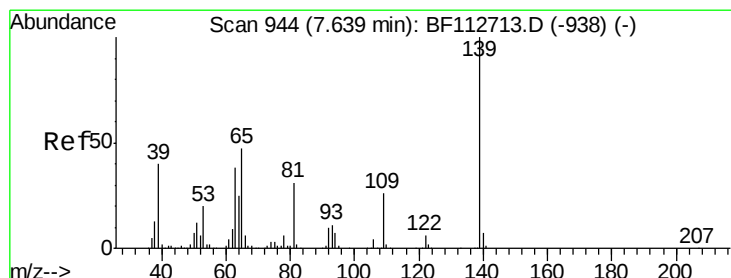
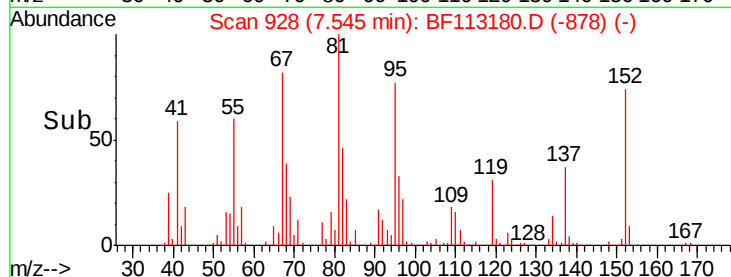
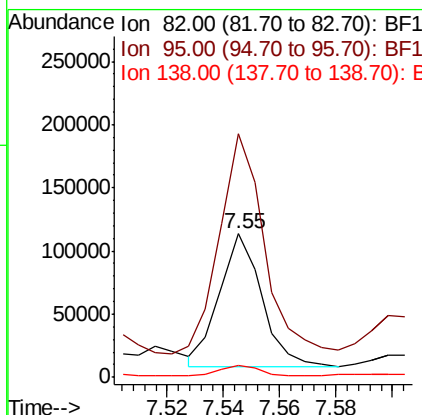
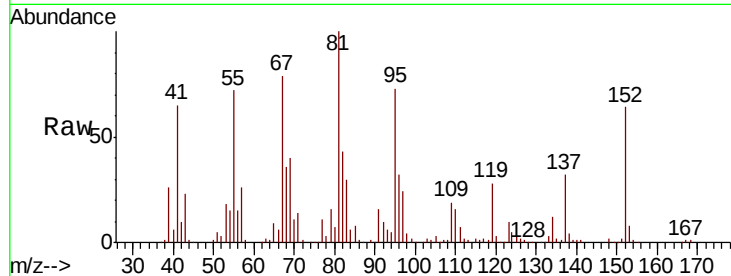




#25
Isophorone
Concen: 11.206 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

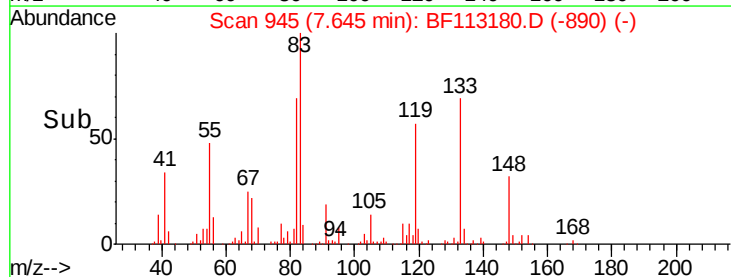
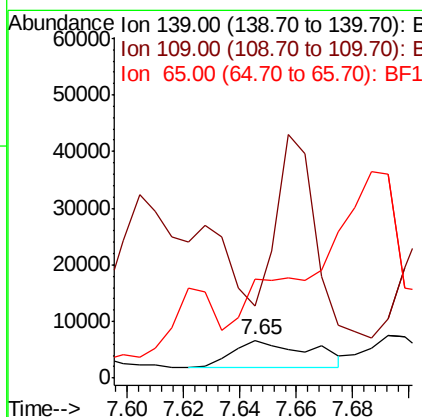
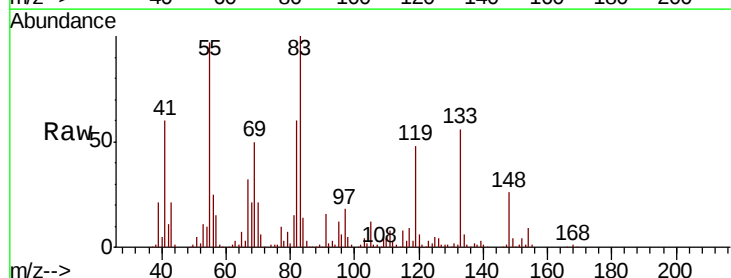
Instrument :
BNA_F
ClientSampled :

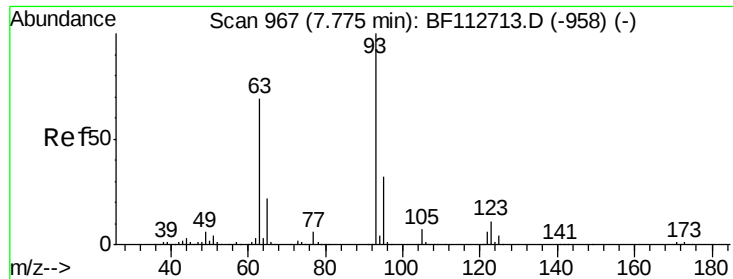
Tot Ion: 82 Resp: 109278
Ion Ratio Lower Upper
82 100
95 169.8 5.6 8.4#
138 8.3 14.5 21.7#



#26
2-Nitrophenol
Concen: 4.433 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.02 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion: 139 Resp: 9296
Ion Ratio Lower Upper
139 100
109 190.3 21.4 32.0#
65 263.5 40.4 60.6#

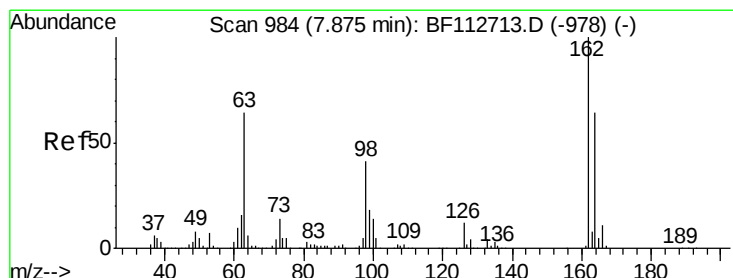
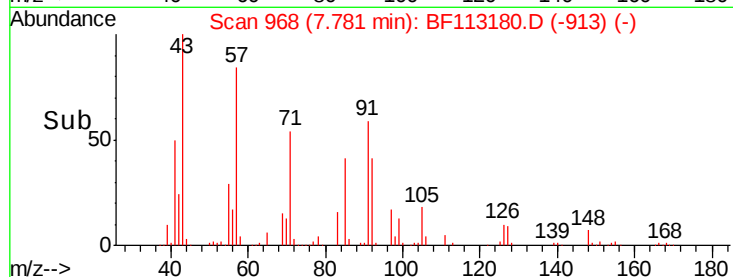
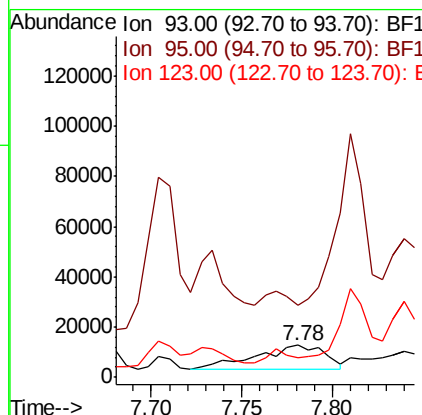
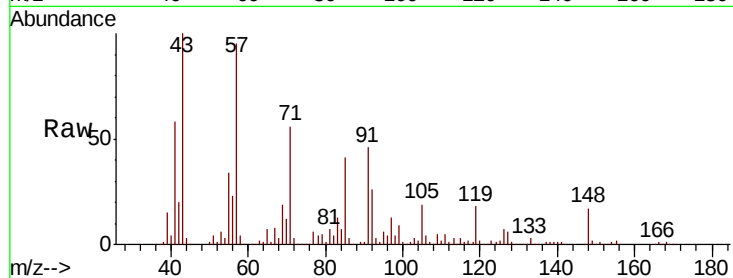




#28
bis(2-Chloroethoxy)methane
Concen: 4.244 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.02 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

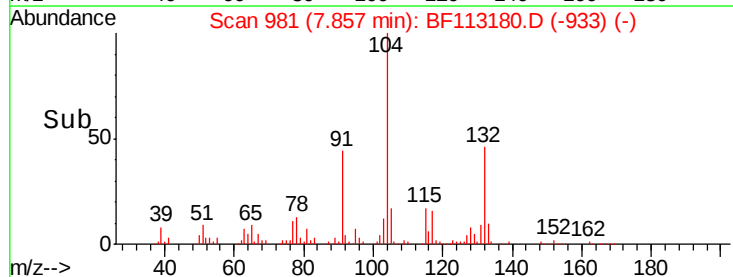
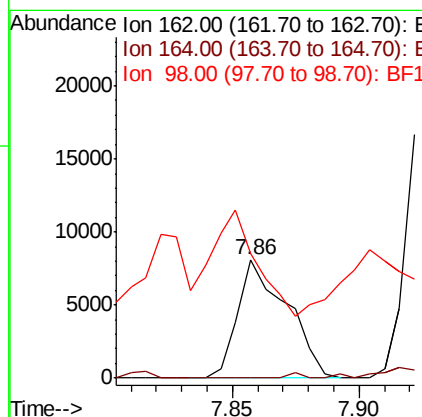
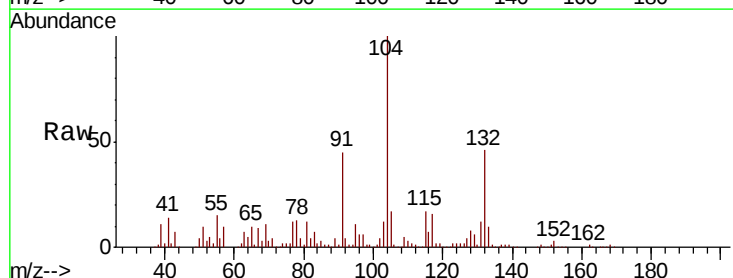
Instrument :
BNA_F
ClientSampled :

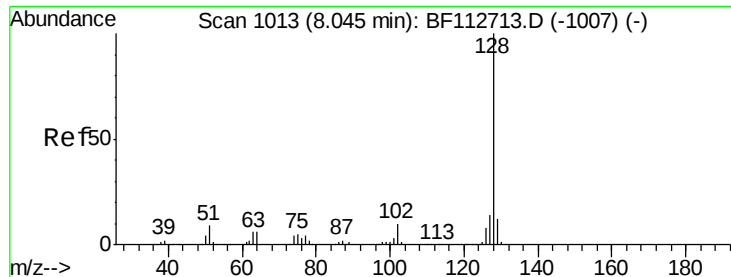
Tot Ion: 93 Resp: 25874
Ion Ratio Lower Upper
93 100
95 224.3 26.7 40.1#
123 60.5 9.2 13.8#



#29
2,4-Dichlorophenol
Concen: 2.897 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion: 162 Resp: 10959
Ion Ratio Lower Upper
162 100
164 0.0 45.3 85.3#
98 105.0 14.6 54.6#

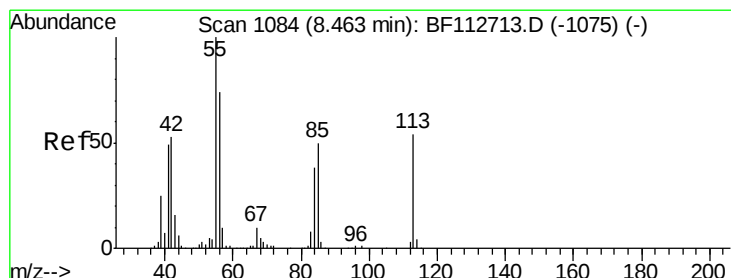
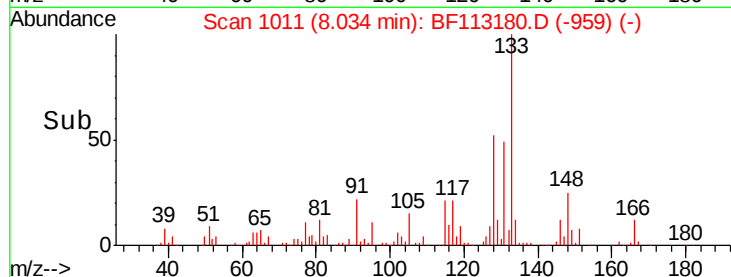
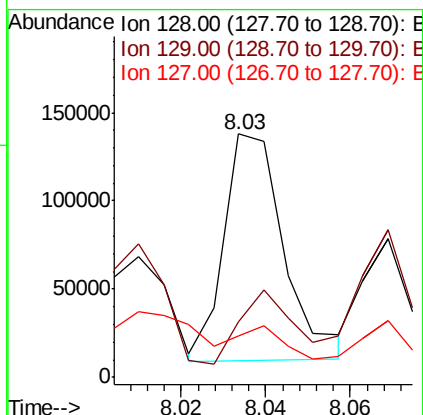
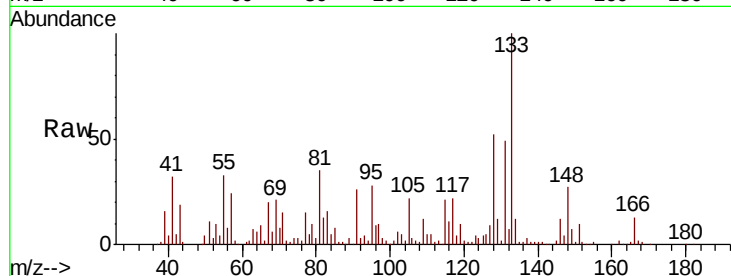




#31
Naphthalene
Concen: 9.465 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

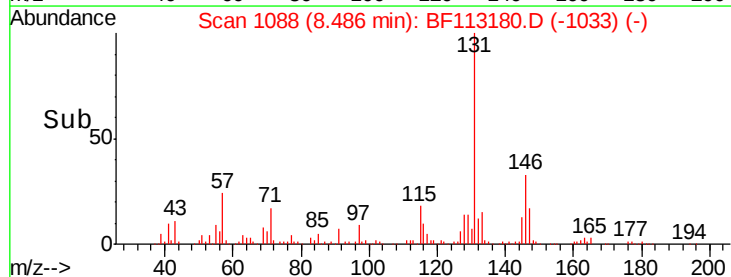
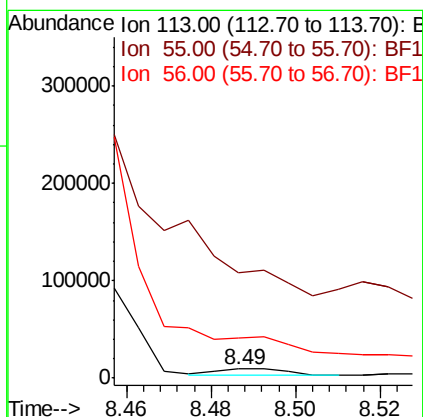
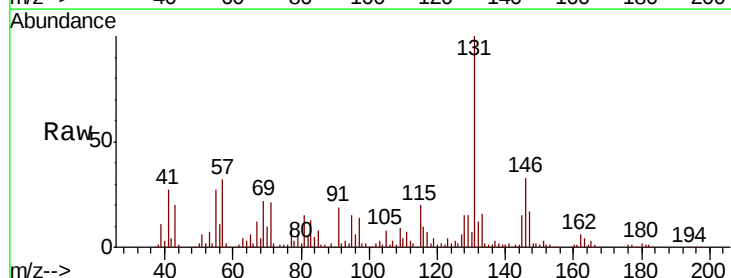
Instrument :
BNA_F
ClientSampleId :

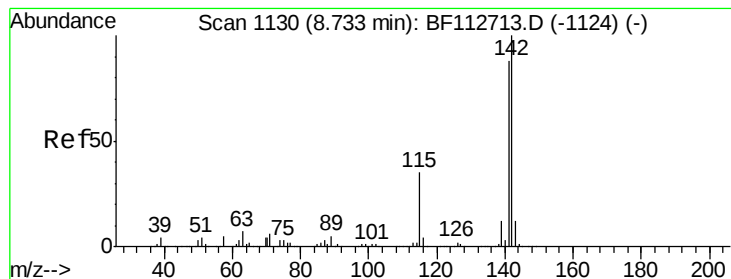
Tot Ion:128 Resp: 127276
Ion Ratio Lower Upper
128 100
129 22.8 9.4 14.0#
127 17.0 10.9 16.3#



#35
Caprolactam
Concen: 5.950 ng
RT: 8.49 min Scan# 1088
Delta R.T. 0.02 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion:113 Resp: 7929
Ion Ratio Lower Upper
113 100
55 1139.0 159.2 199.2#
56 439.1 115.8 155.8#

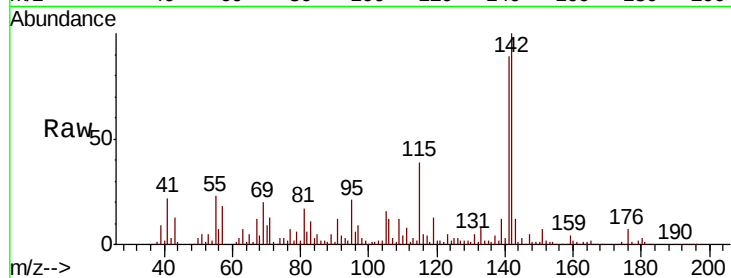




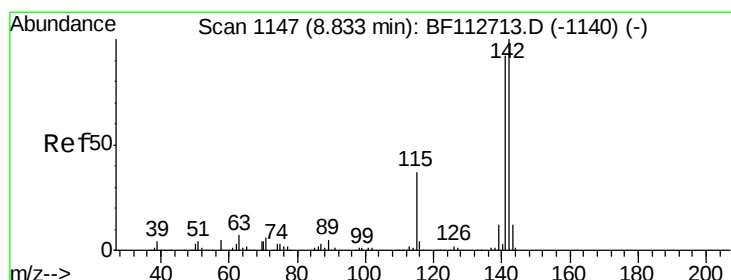
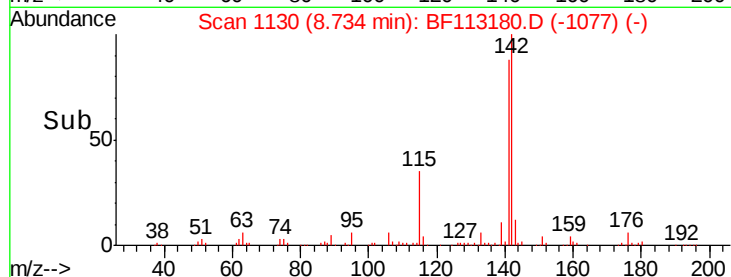
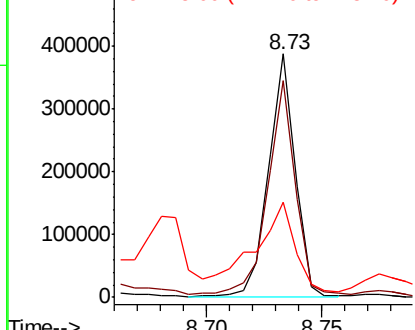
#37
2-Methylnaphthalene
Concen: 35.581 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 308979
Ion Ratio Lower Upper
142 100
141 89.2 70.5 105.7
115 39.1 26.3 39.5

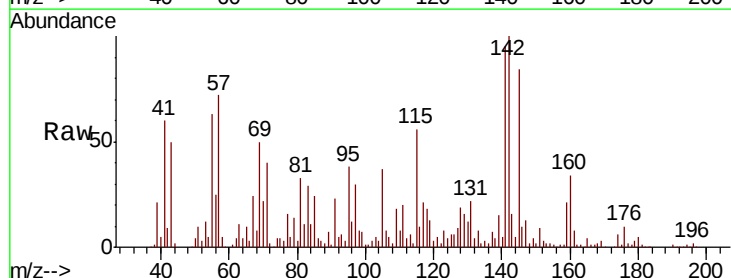


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

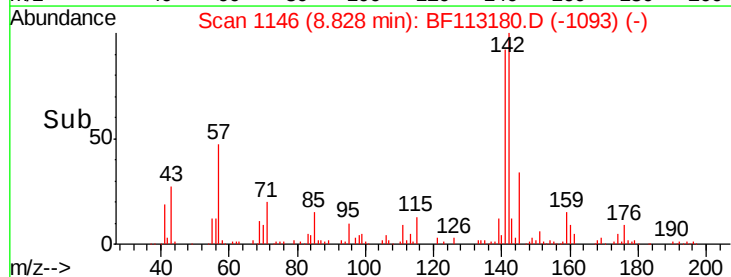
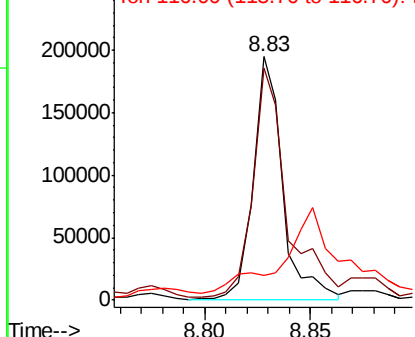


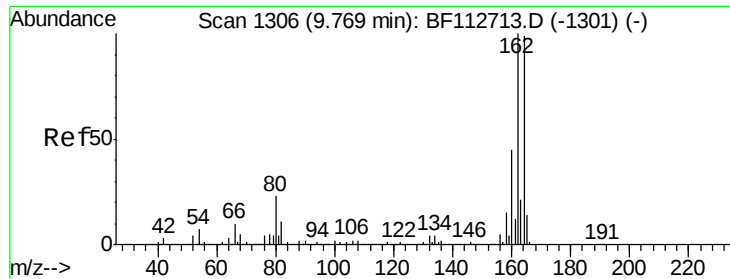
#38
1-Methylnaphthalene
Concen: 22.219 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion:142 Resp: 186902
Ion Ratio Lower Upper
142 100
141 95.1 73.5 110.3
116 10.2 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

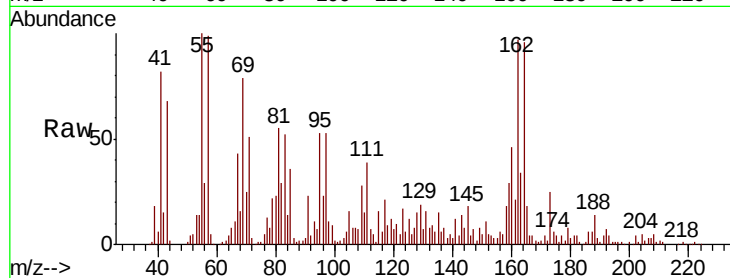




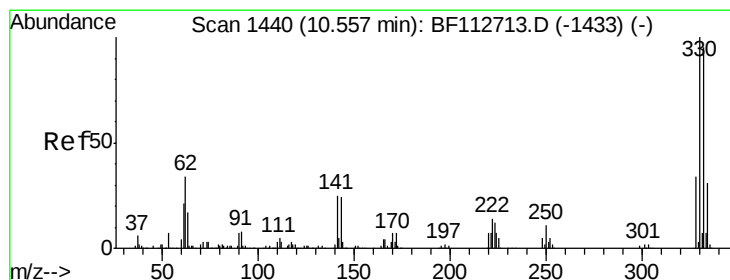
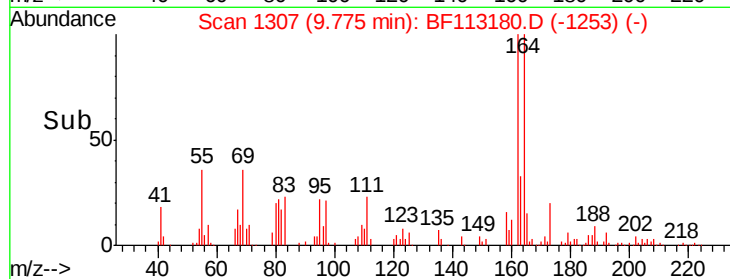
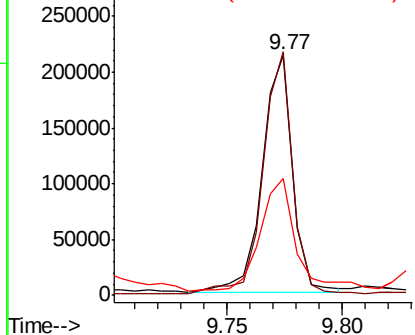
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.02 min
 Lab File: BF113180.D
 Acq: 20 Mar 2019 19:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.8	121.2
160	48.6	36.2	54.2

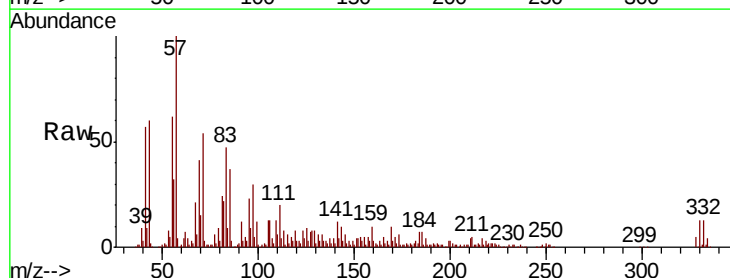


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

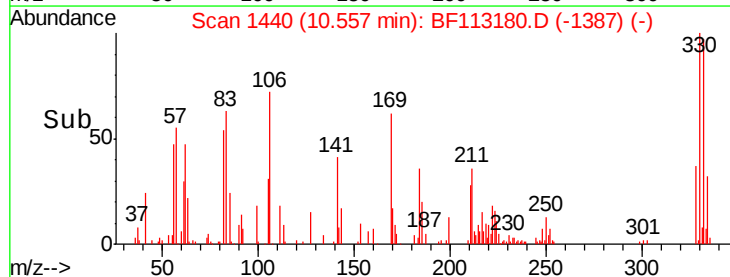
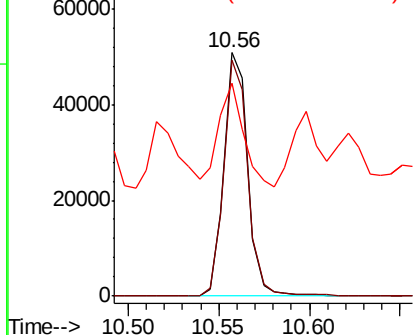


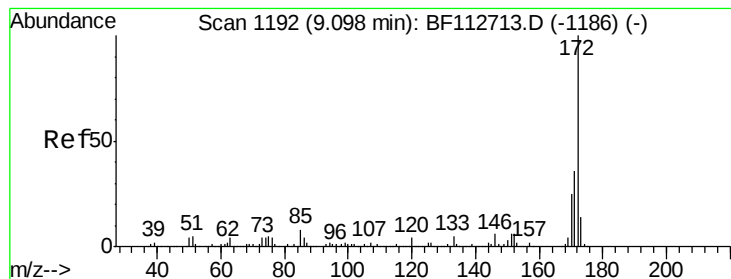
#42
 2,4,6-Tribromophenol
 Concen: 22.643 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF113180.D
 Acq: 20 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.3	114.5
141	43.5	22.3	33.5



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

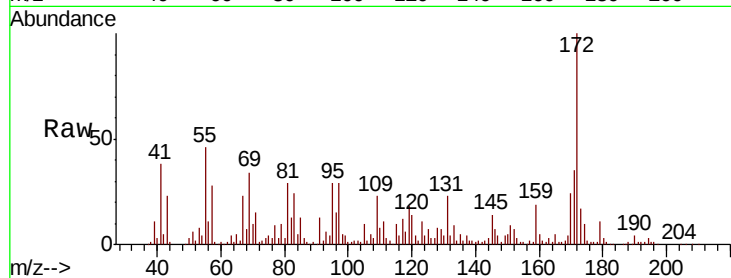




#45
2-Fluorobiphenyl
Concen: 14.545 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	24.2	20.1	30.1

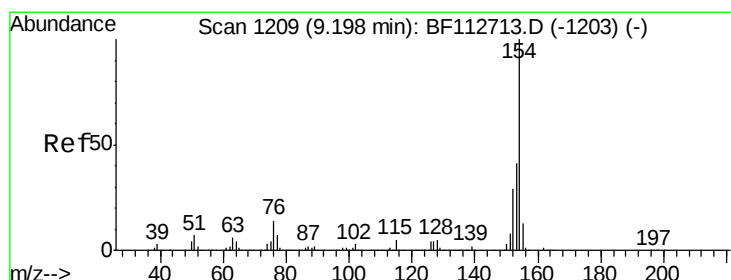
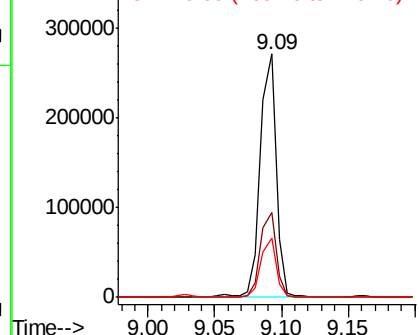
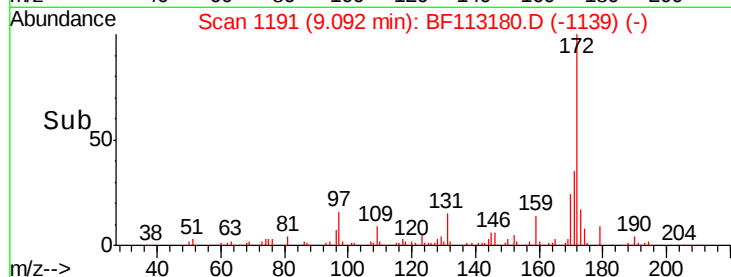


Abundance

Ion 172.00 (171.70 to 172.70): E

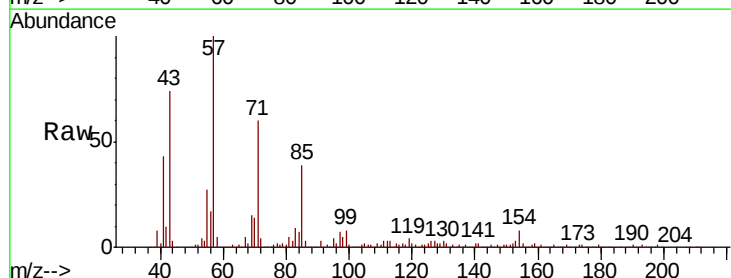
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 5.035 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.9	60.9
76	12.1	0.0	33.5

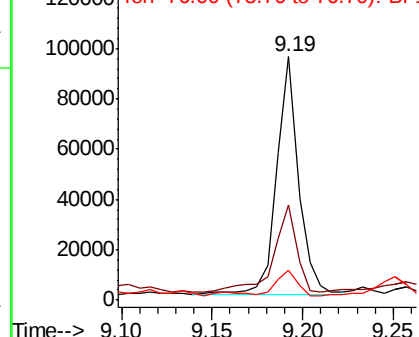
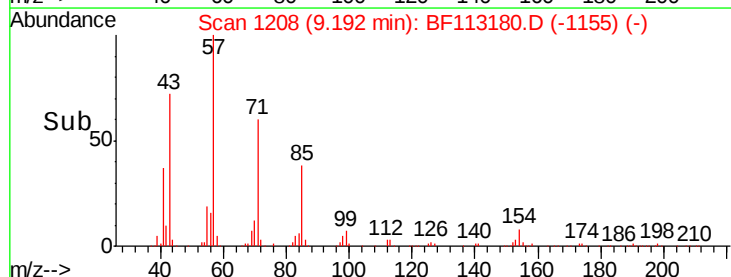


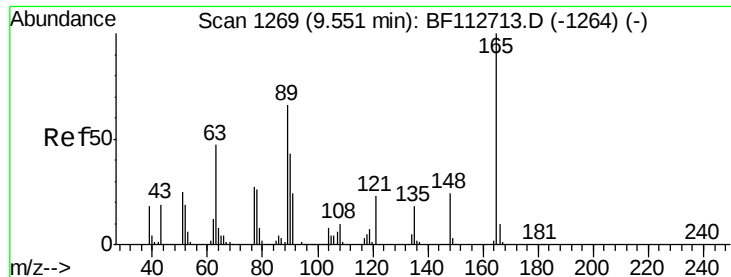
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 2.683 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF113180.D

Acq: 20 Mar 2019 19:29

Instrument :

BNA_F

ClientSampleId :

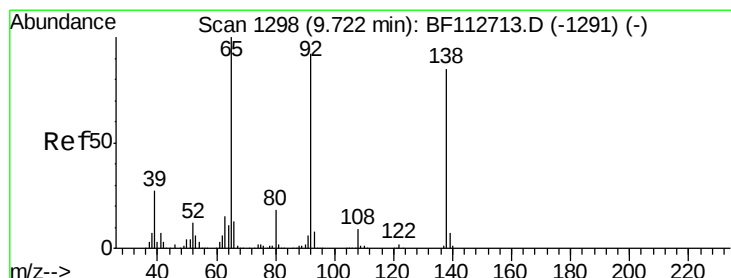
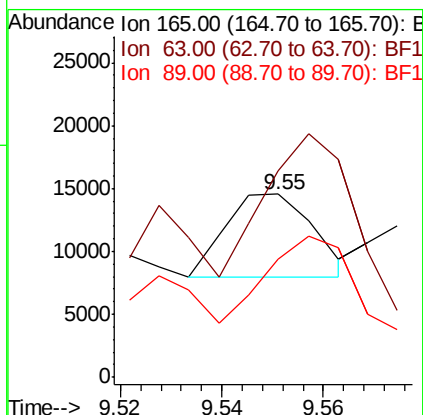
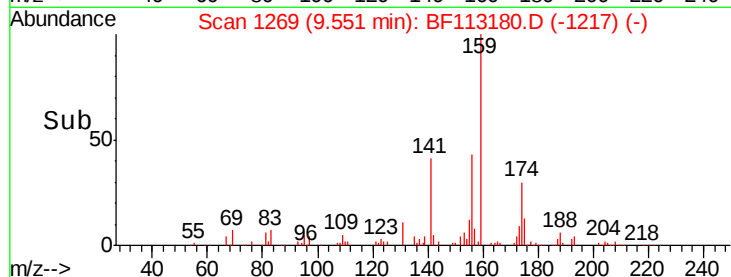
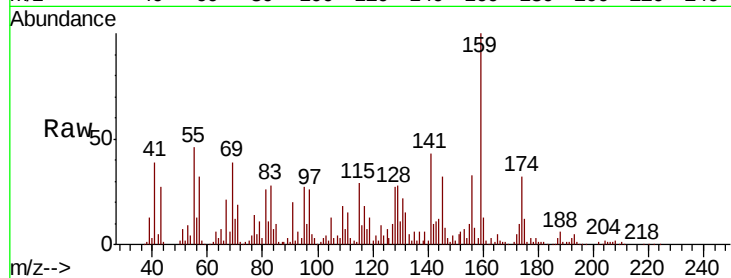
Tot Ion:165 Resp: 8003

Ion Ratio Lower Upper

165 100

63 113.0 45.4 68.2#

89 64.7 43.8 65.6



#53

3-Nitroaniline

Concen: 3.636 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.04 min

Lab File: BF113180.D

Acq: 20 Mar 2019 19:29

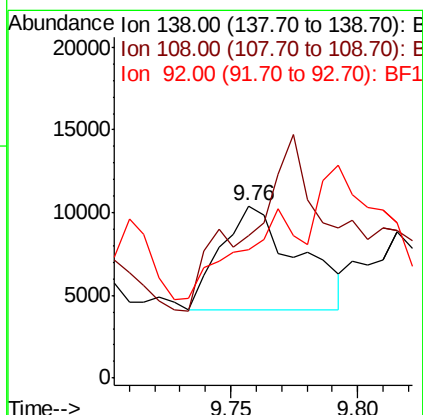
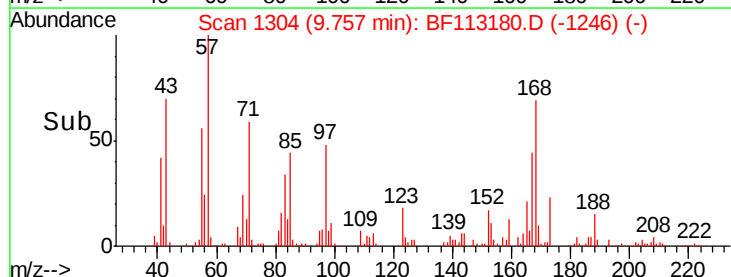
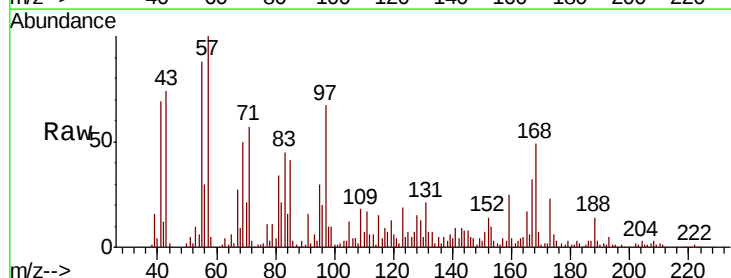
Tgt Ion:138 Resp: 13213

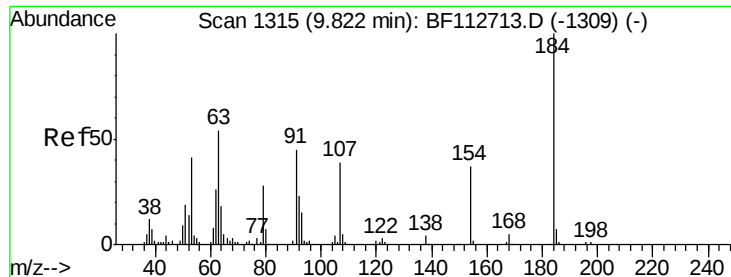
Ion Ratio Lower Upper

138 100

108 82.7 7.9 11.9#

92 74.8 89.0 133.6#

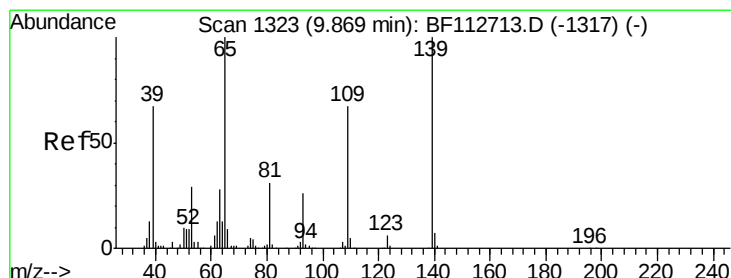
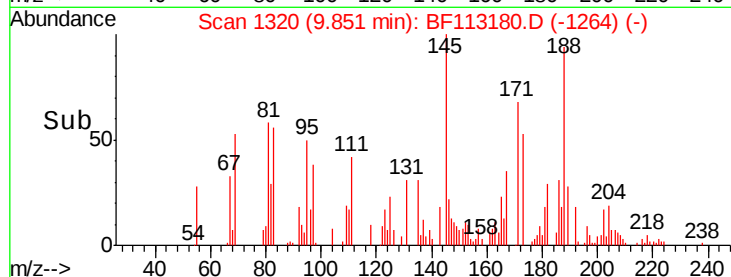
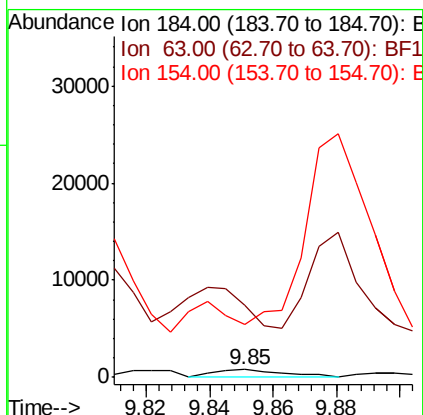
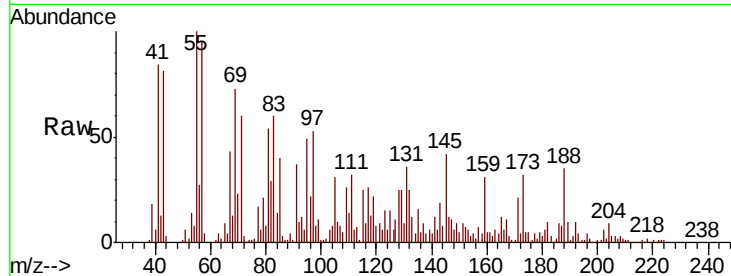




#54
2,4-Dinitrophenol
Concen: 7.422 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.03 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

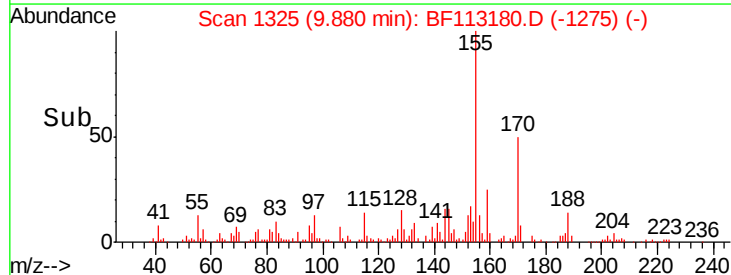
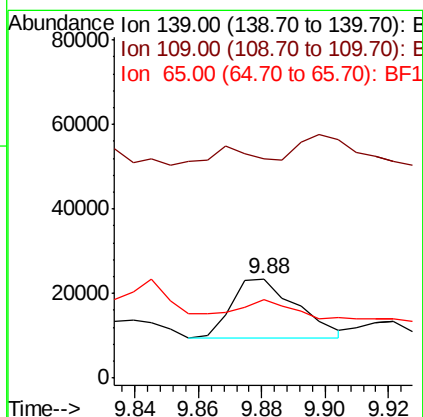
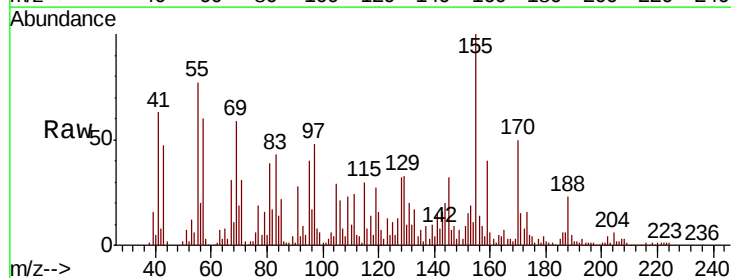
Instrument :
BNA_F
ClientSampleId :

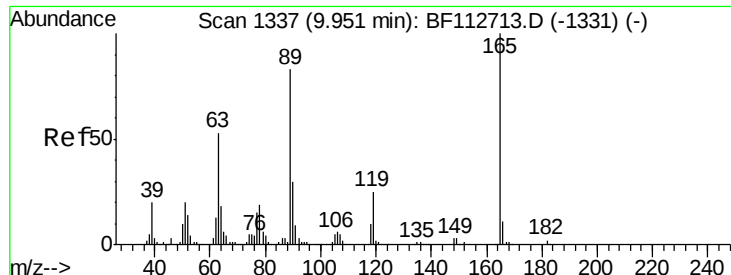
Tot Ion:184 Resp: 1286
Ion Ratio Lower Upper
184 100
63 953.8 52.1 78.1#
154 700.9 46.2 69.4#



#56
4-Nitrophenol
Concen: 6.883 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion:139 Resp: 20328
Ion Ratio Lower Upper
139 100
109 221.1 45.4 85.4#
65 79.2 80.1 120.1#

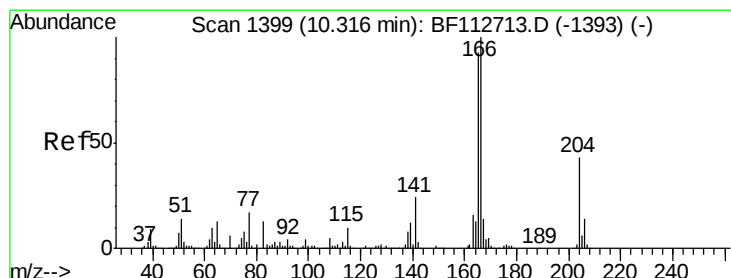
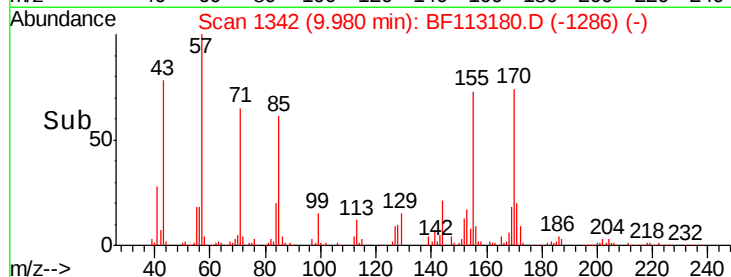
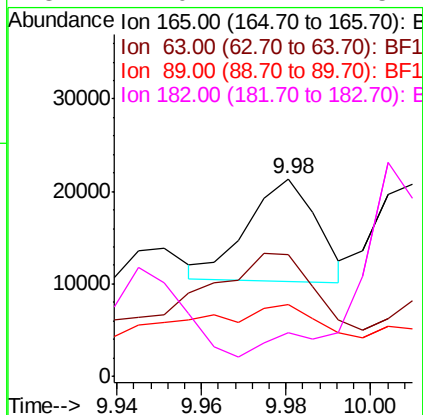
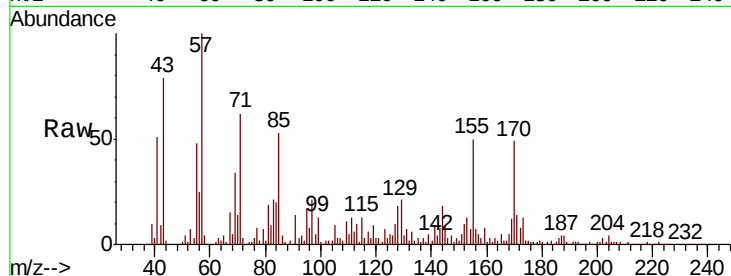




#57
2,4-Dinitrotoluene
Concen: 3.412 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.03 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

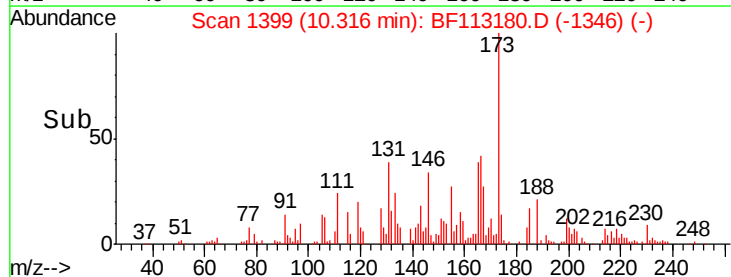
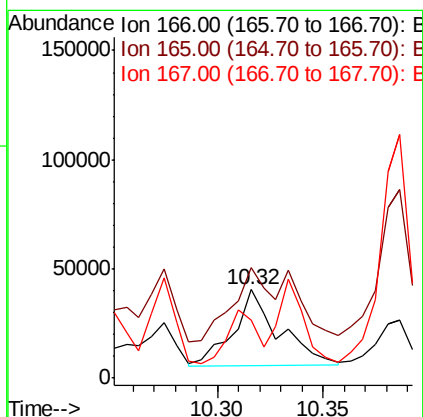
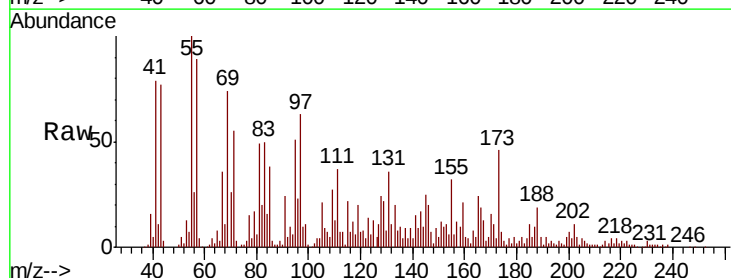
Instrument :
BNA_F
ClientSampleId :

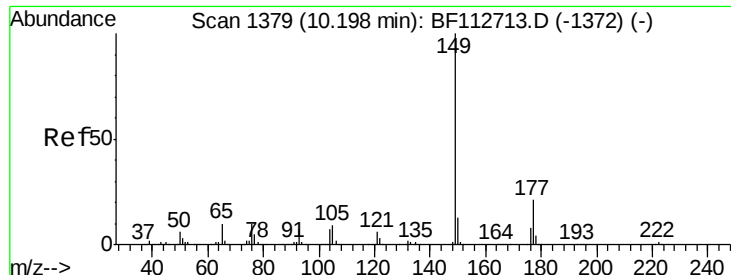
Tot Ion:165 Resp: 12648
Ion Ratio Lower Upper
165 100
63 61.4 37.9 56.9#
89 36.3 58.5 87.7#
182 22.0 2.2 3.2#



#58
Fluorene
Concen: 4.082 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion:166 Resp: 51711
Ion Ratio Lower Upper
166 100
165 125.9 75.4 113.2#
167 66.2 11.0 16.6#

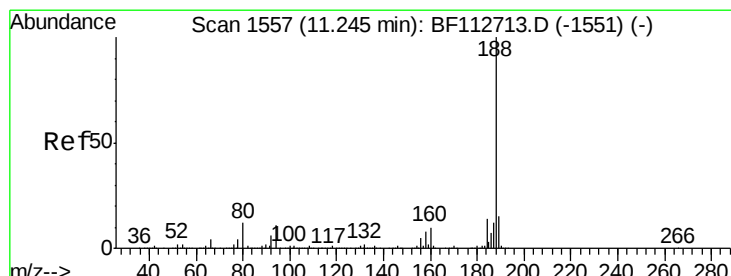
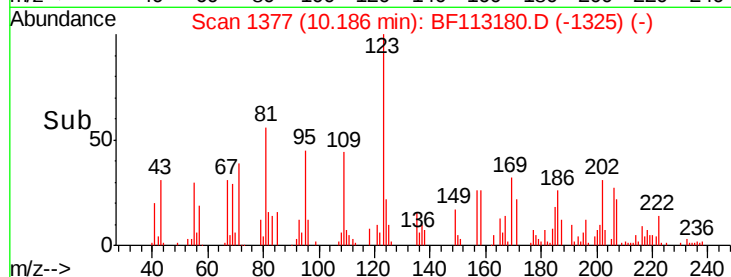
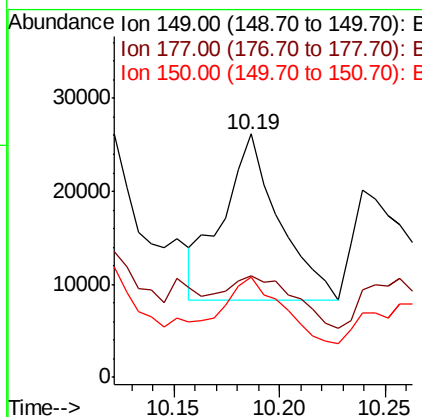
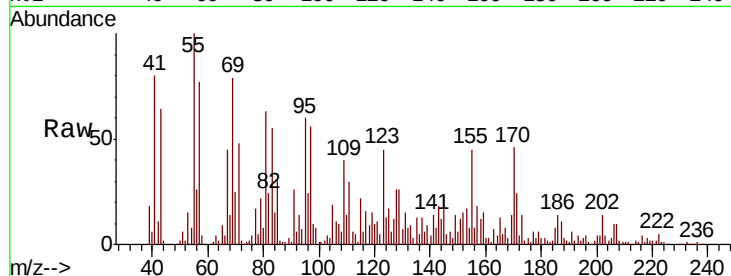




#60
Diethylphthalate
Concen: 2.179 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

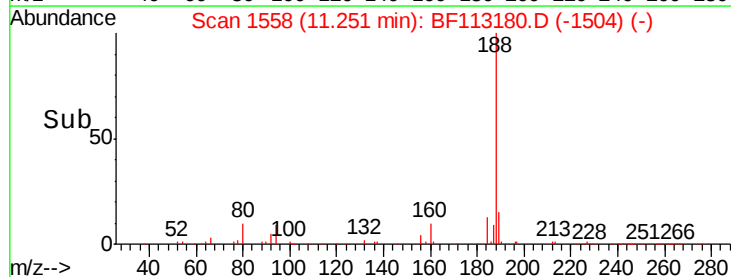
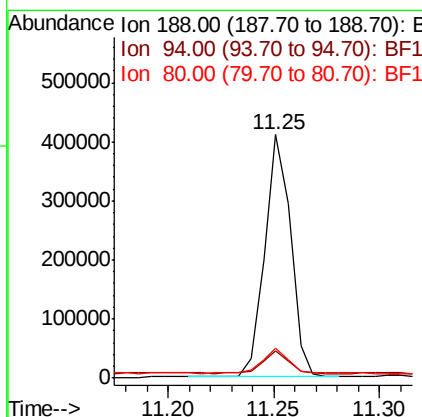
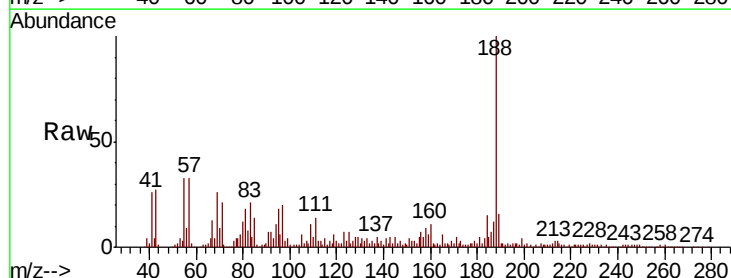
Instrument :
BNA_F
ClientSampled :

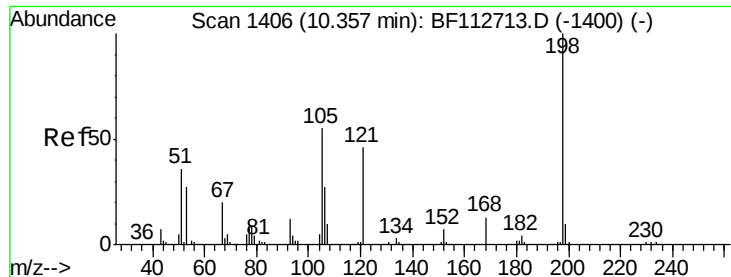
Tot Ion:149 Resp: 32959
Ion Ratio Lower Upper
149 100
177 41.6 17.7 26.5#
150 41.4 10.2 15.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.02 min
Lab File: BF113180.D
Acq: 20 Mar 2019 19:29

Tgt Ion:188 Resp: 351323
Ion Ratio Lower Upper
188 100
94 11.4 7.4 11.2#
80 12.0 7.9 11.9#

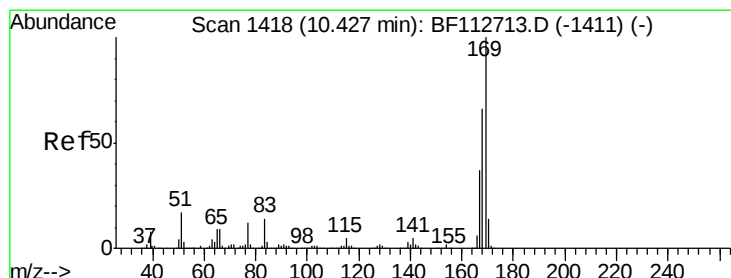
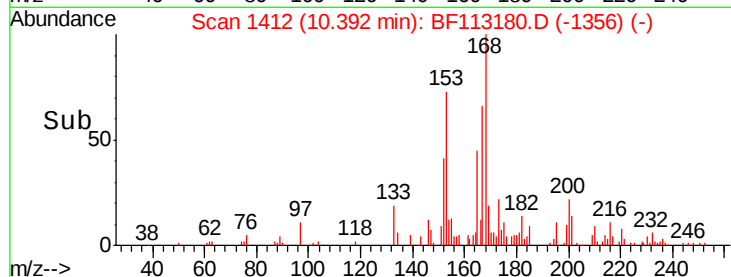
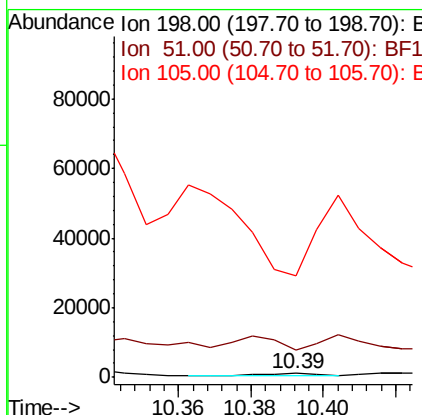
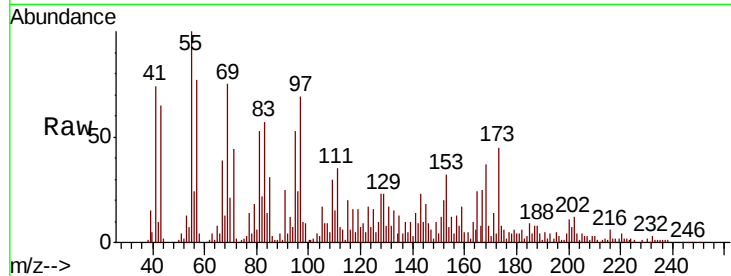




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.152 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.03 min
 Lab File: BF113180.D
 Acq: 20 Mar 2019 19:29

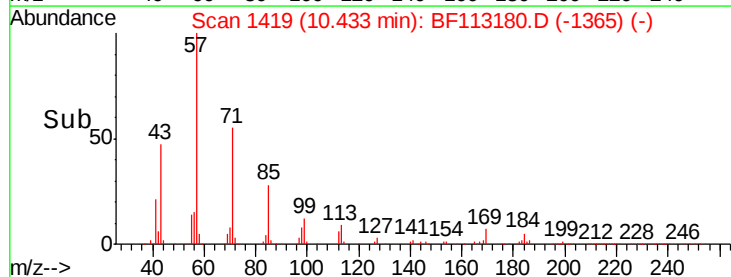
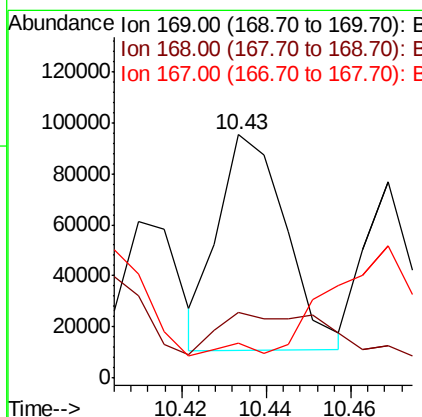
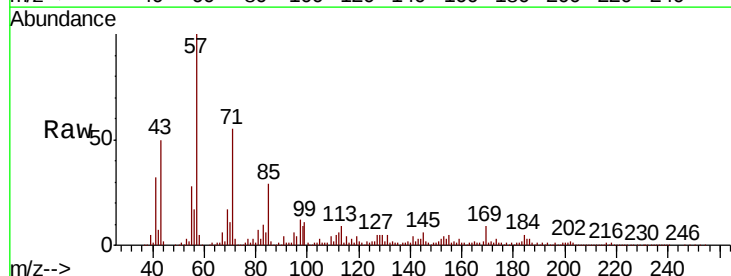
Instrument :
 BNA_F
 ClientSampled :

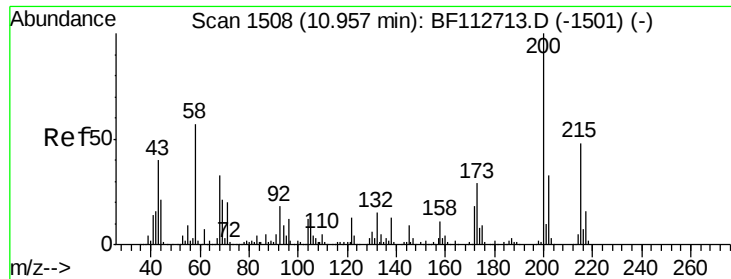
Tot Ion:198 Resp: 861
 Ion Ratio Lower Upper
 198 100
 51 692.2 25.5 65.5#
 105 2597.0 23.2 63.2#



#66
 n-Nitrosodiphenylamine
 Concen: 8.361 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.02 min
 Lab File: BF113180.D
 Acq: 20 Mar 2019 19:29

Tgt Ion:169 Resp: 94201
 Ion Ratio Lower Upper
 169 100
 168 27.2 53.8 80.8#
 167 14.4 29.5 44.3#





#69

Atrazine

Concen: 9.171 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF113180.D

Acq: 20 Mar 2019 19:29

Instrument :

BNA_F

ClientSampleId :

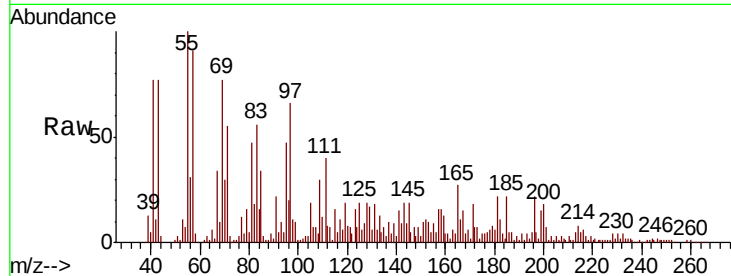
Tot Ion:200 Resp: 31646

Ion Ratio Lower Upper

200 100

173 42.0 8.2 48.2

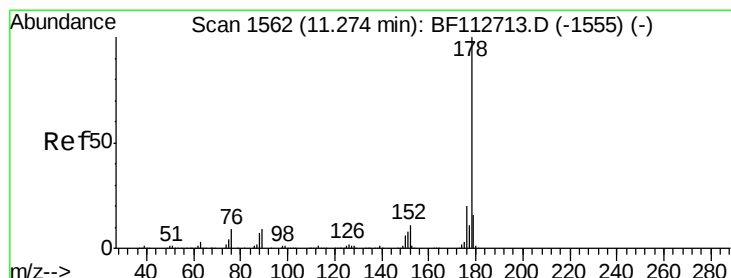
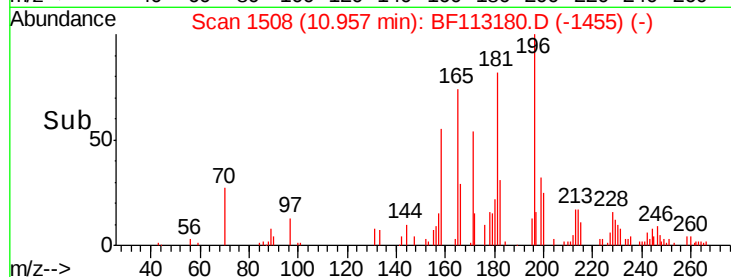
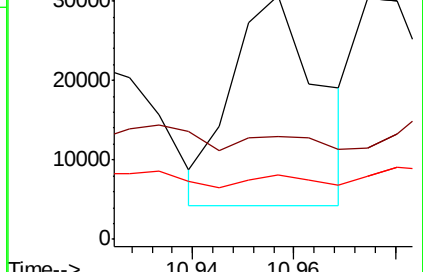
215 26.3 28.3 68.3#



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



#71

Phenanthrene

Concen: 3.581 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF113180.D

Acq: 20 Mar 2019 19:29

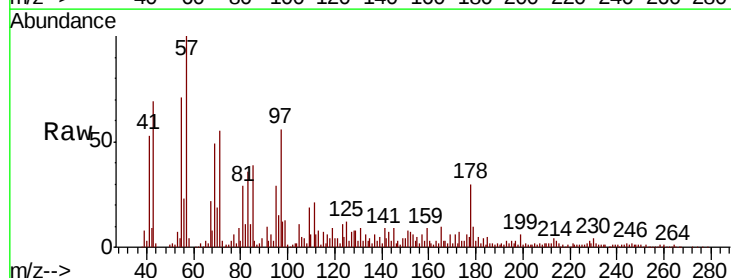
Tgt Ion:178 Resp: 62598

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

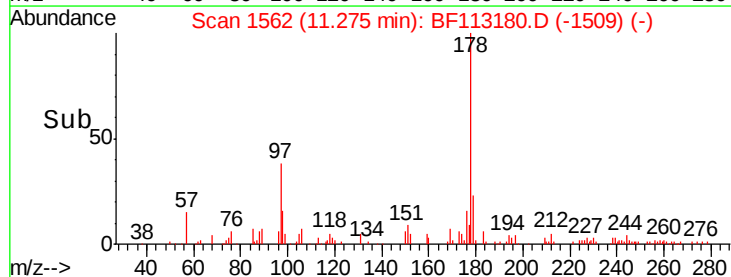
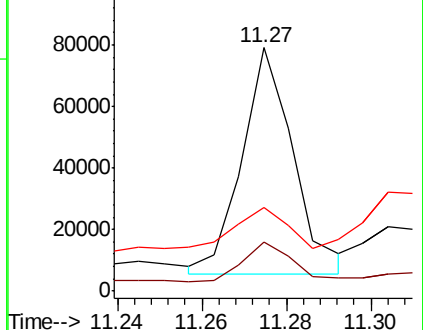
179 34.3 13.0 19.4#

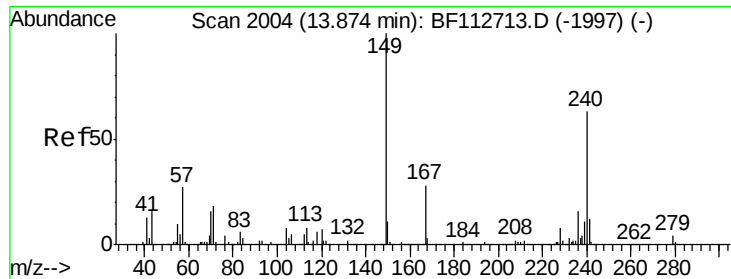


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

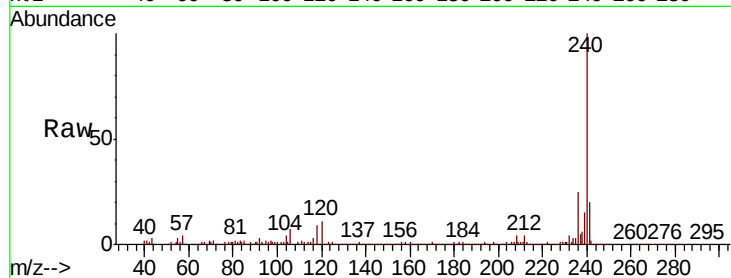




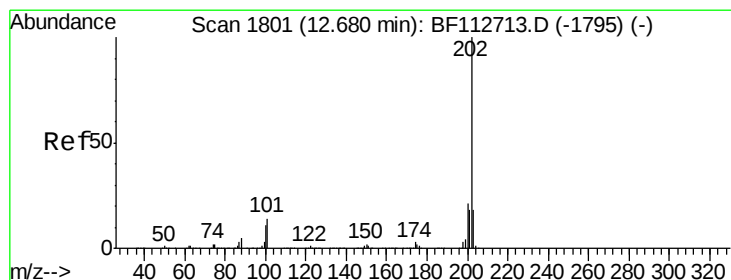
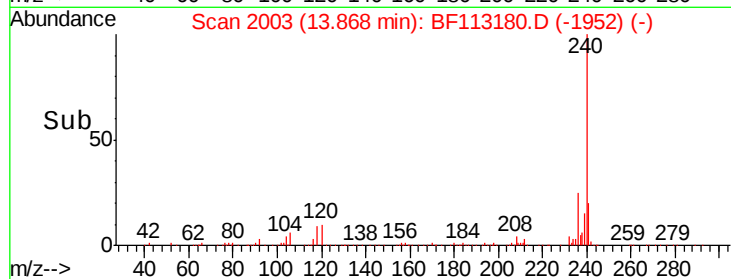
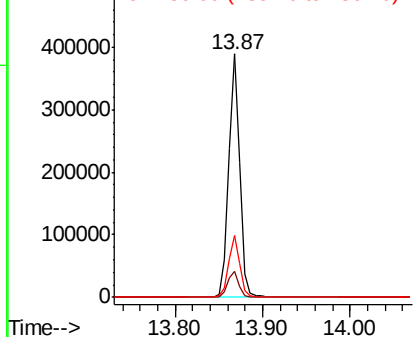
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113180.D
 Acq: 20 Mar 2019 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 341657
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.6 12.8
 236 25.4 21.2 31.8

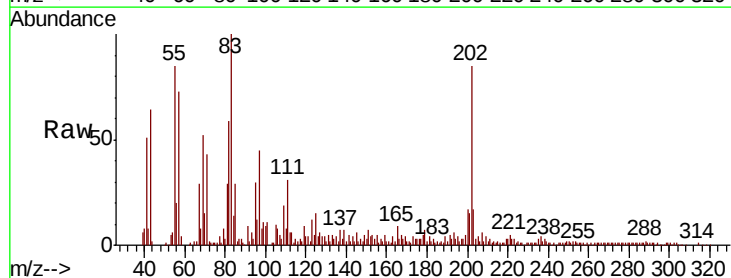


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

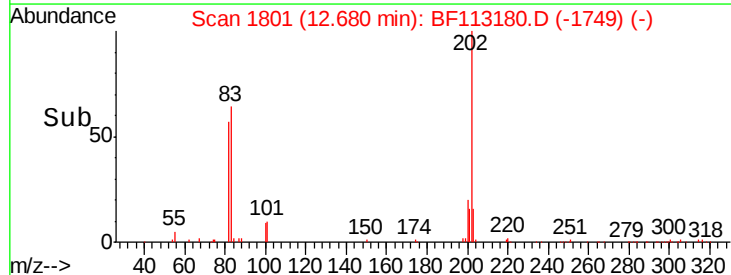
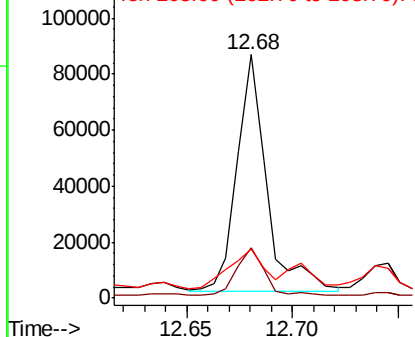


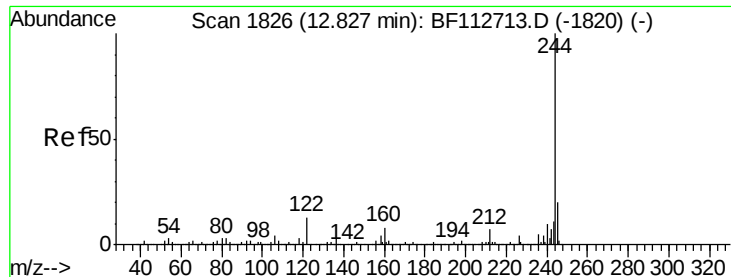
#78
 Pyrene
 Concen: 2.875 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BF113180.D
 Acq: 20 Mar 2019 19:29

Tgt Ion:202 Resp: 82801
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.1 25.7
 203 20.0 14.6 21.8



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: 15.294 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF113180.D

Acq: 20 Mar 2019 19:29

Instrument :

BNA_F

ClientSampleId :

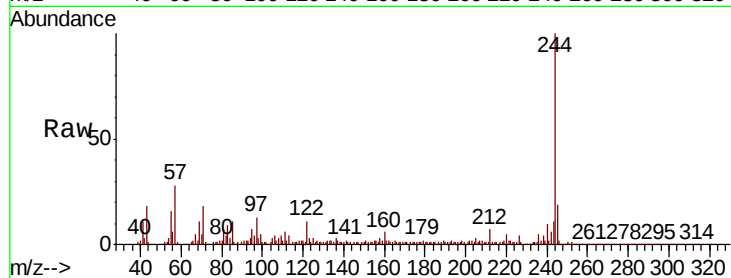
Tot Ion:244 Resp: 269561

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

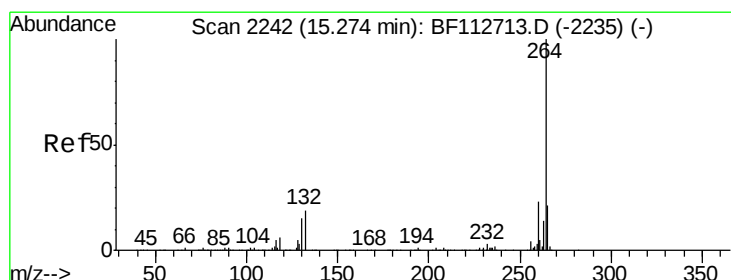
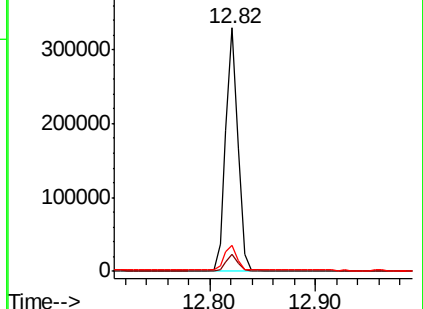
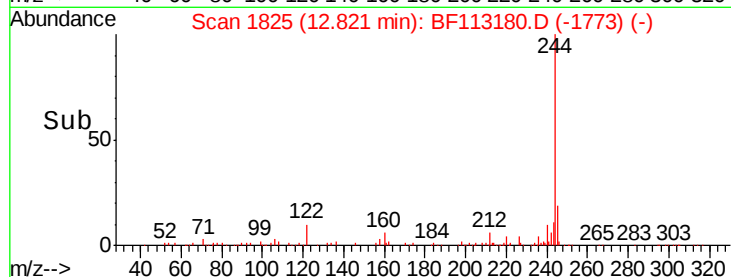
122 10.5 9.4 14.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113180.D

Acq: 20 Mar 2019 19:29

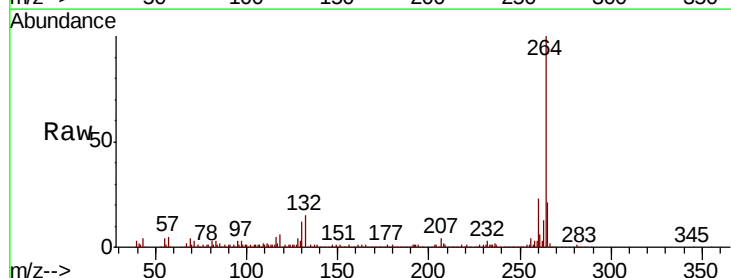
Tgt Ion:264 Resp: 276447

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.2 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

