

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113179.D
 Acq On : 20 Mar 2019 19:01
 Operator : JU/SJ
 Sample : K1994-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:22:36 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	107274	20.00	ng	0.01
21) Naphthalene-d8	8.02	136	211566	20.00	ng	0.02
39) Acenaphthene-d10	9.79	164	155425	20.00	ng	0.04
64) Phenanthrene-d10	11.27	188	317706	20.00	ng	0.04
76) Chrysene-d12	13.87	240	352331	20.00	ng	0.00
87) Perylene-d12	15.28	264	285543	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	140646	20.39	ng	0.00
7) Phenol-d6	6.37	99	192260	22.19	ng	0.00
23) Nitrobenzene-d5	7.29	82	202846	57.37	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	33539	20.33	ng	0.03
45) 2-Fluorobiphenyl	9.10	172	196733	16.26	ng	0.02
79) Terphenyl-d14	12.83	244	219447	12.07	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.29	77	50423	8.078	ng	# 1
15) Benzyl Alcohol	6.89	79	16063	2.432	ng	# 47
18) Hexachloroethane	7.23	117	59117	19.405	ng	# 1
19) n-Nitroso-di-n-propylamine	7.17	70	36374	6.630	ng	# 73
22) Acetophenone	7.13	105	551996	111.582	ng	# 48
24) Nitrobenzene	7.31	77	34570	8.785	ng	# 23
25) Isophorone	7.56	82	239479	31.440	ng	# 1
26) 2-Nitrophenol	7.66	139	17966	10.967	ng	# 1
27) 2,4-Dimethylphenol	7.68	122	7112	2.334	ng	# 1
28) bis(2-Chloroethoxy)methane	7.79	93	53321	11.197	ng	# 1
29) 2,4-Dichlorophenol	7.87	162	21402	7.242	ng	# 1
31) Naphthalene	8.05	128	190929	18.177	ng	# 53
32) Benzoic acid	7.82	122	12754	5.971	ng	# 1
33) 4-Chloroaniline	8.08	127	54007	12.139	ng	# 1
35) Caprolactam	8.47	113	153170	147.151	ng	# 5
36) 4-Chloro-3-methylphenol	8.56	107	47734	14.594	ng	# 40
37) 2-Methylnaphthalene	8.75	142	638387	94.113	ng	# 97
38) 1-Methylnaphthalene	8.85	142	366513	55.779	ng	# 97
43) 2,4,6-Trichlorophenol	9.03	196	11012	3.530	ng	# 12
44) 2,4,5-Trichlorophenol	9.09	196	9980	2.960	ng	# 1
46) 1,1'-Biphenyl	9.20	154	147030	11.598	ng	# 99
48) 2-Nitroaniline	9.33	65	6467	2.149	ng	# 39
50) Dimethylphthalate	9.49	163	36882	3.218	ng	# 15
51) 2,6-Dinitrotoluene	9.57	165	18448	7.730	ng	# 67
52) Acenaphthene	9.82	154	33102	3.368	ng	# 39
53) 3-Nitroaniline	9.78	138	26262	9.031	ng	# 71
54) 2,4-Dinitrophenol	9.87	184	862	7.265	ng	# 1
55) Dibenzofuran	9.99	168	35416	2.480	ng	# 1
56) 4-Nitrophenol	9.90	139	36393	15.399	ng	# 10
57) 2,4-Dinitrotoluene	10.00	165	15813	5.331	ng	# 59
58) Fluorene	10.33	166	86527	8.535	ng	# 50
60) Diethylphthalate	10.21	149	45396	3.751	ng	# 45
63) Azobenzene	10.49	77	28613	2.308	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.40	198	1334	5.536	ng	# 1

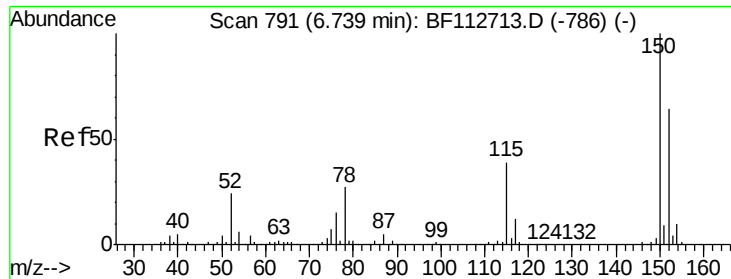
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) n-Nitrosodiphenylamine	10.45	169	131592	12.915	ng	# 58
69) Atrazine	11.00	200	54581	17.490	ng	74
71) Phenanthrene	11.29	178	132347	8.373	ng	# 78
75) Fluoranthene	12.69	202	133785	7.900	ng	97
78) Pyrene	12.69	202	134245	4.520	ng	97

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

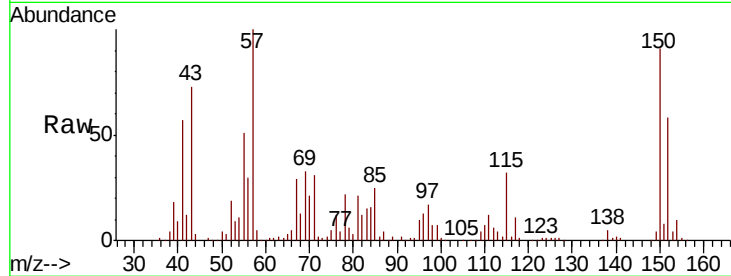


#1

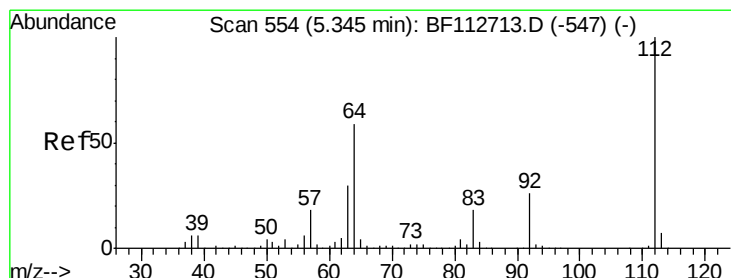
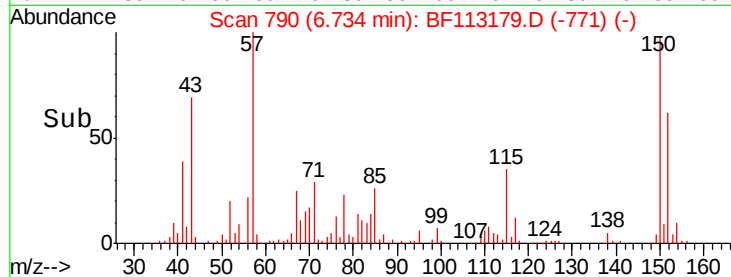
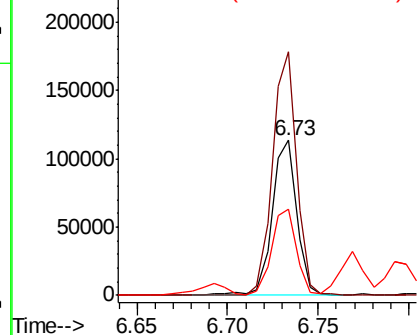
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107274
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 55.9 45.9 68.9



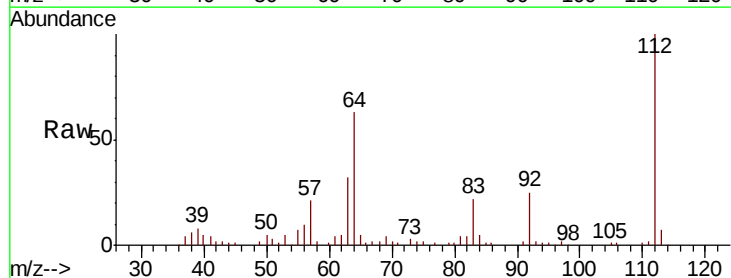
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



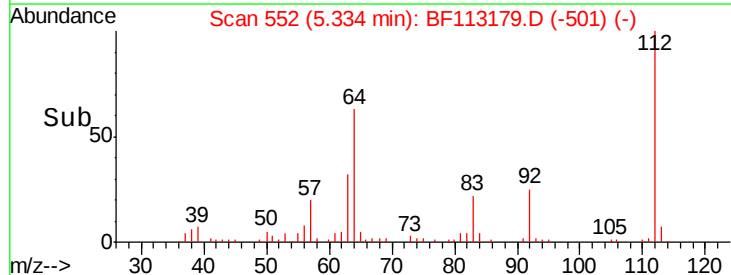
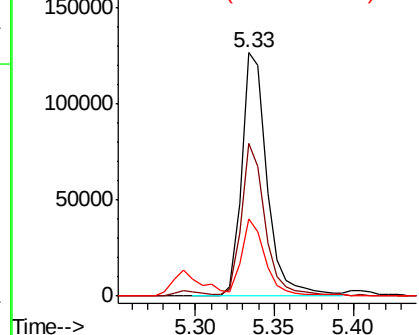
#5

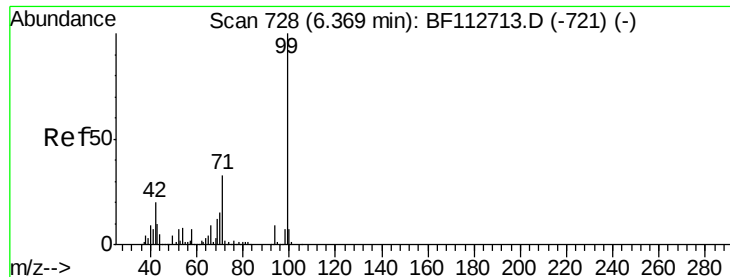
2-Fluorophenol
Concen: 20.395 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:112 Resp: 140646
Ion Ratio Lower Upper
112 100
64 62.8 49.3 73.9
63 31.6 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: 22.194 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

ClientSampleId :

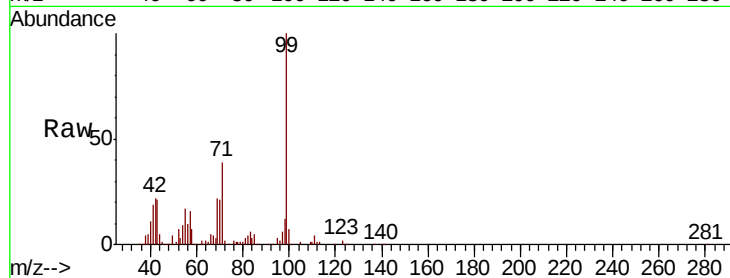
Tot Ion: 99 Resp: 192260

Ion Ratio Lower Upper

99 100

42 22.3 15.2 22.8

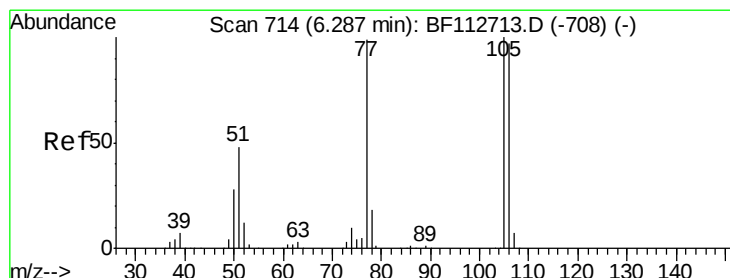
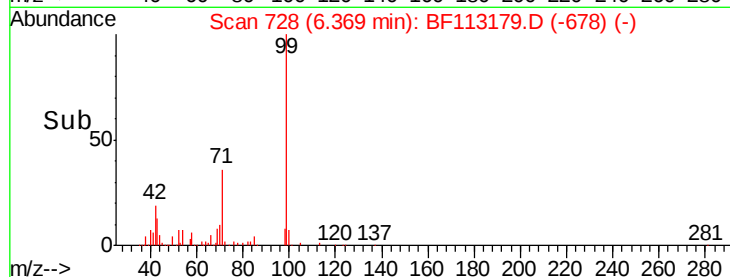
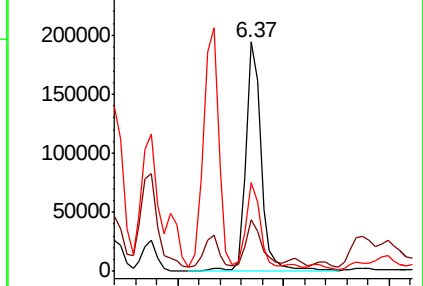
71 38.7 25.7 38.5#



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: 8.078 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.02 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

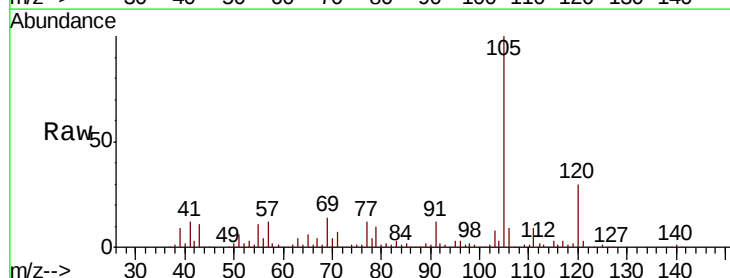
Tgt Ion: 77 Resp: 50423

Ion Ratio Lower Upper

77 100

105 811.2 81.4 121.4#

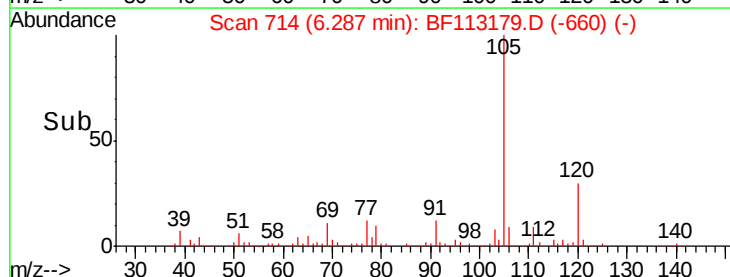
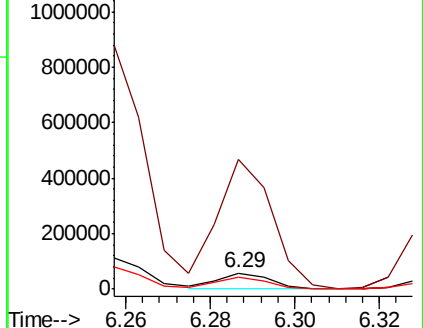
106 71.9 77.1 117.1#

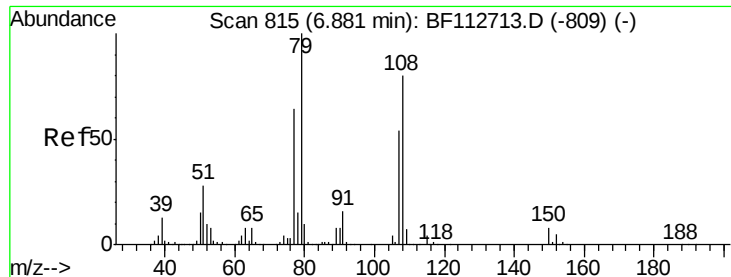


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.432 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

ClientSampled :

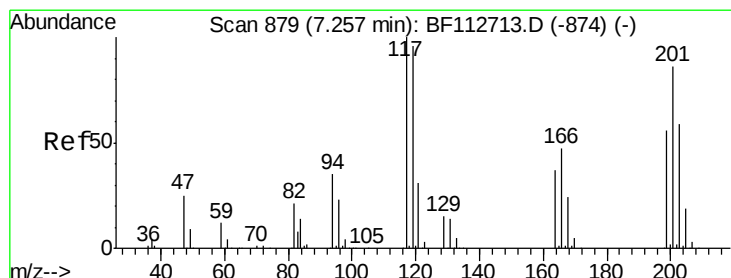
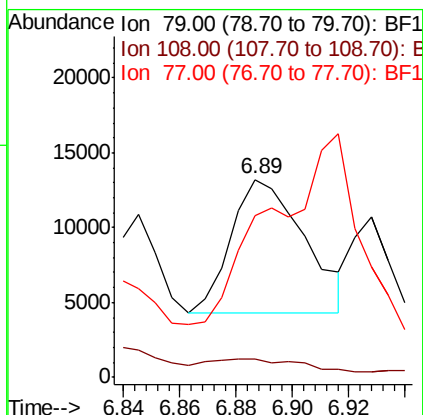
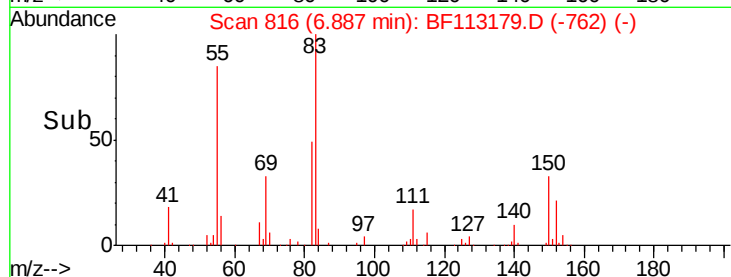
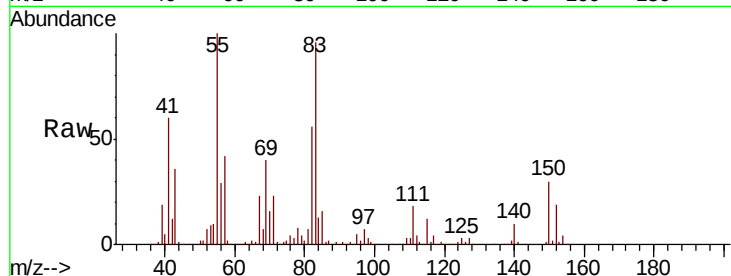
Tot Ion: 79 Resp: 16063

Ion Ratio Lower Upper

79 100

108 9.1 61.1 91.7#

77 81.5 50.6 76.0#



#18

Hexachloroethane

Concen: 19.405 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

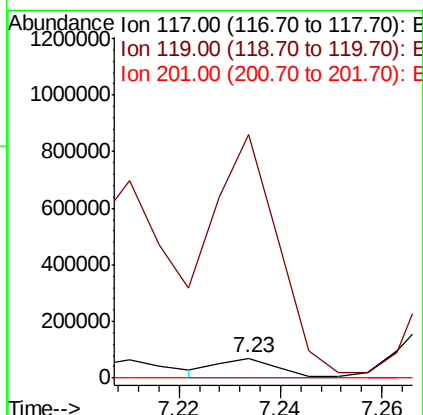
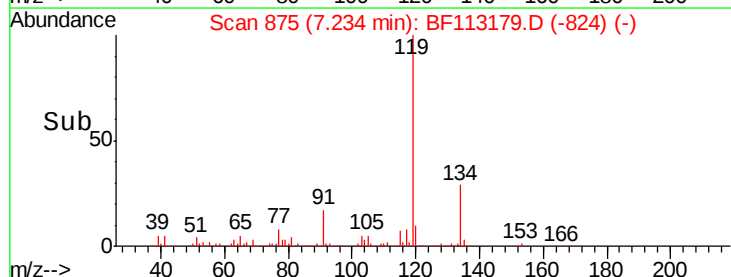
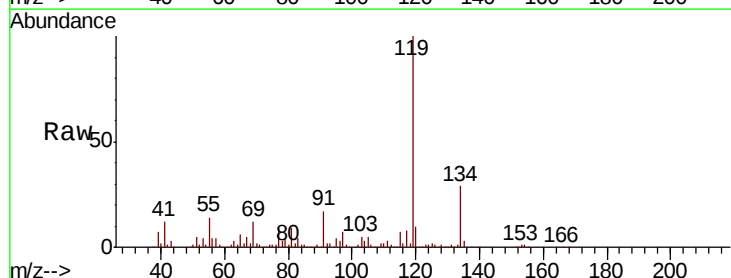
Tgt Ion: 117 Resp: 59117

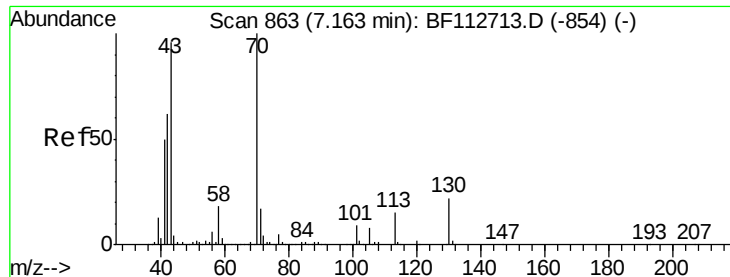
Ion Ratio Lower Upper

117 100

119 1204.0 77.1 115.7#

201 0.0 78.1 117.1#

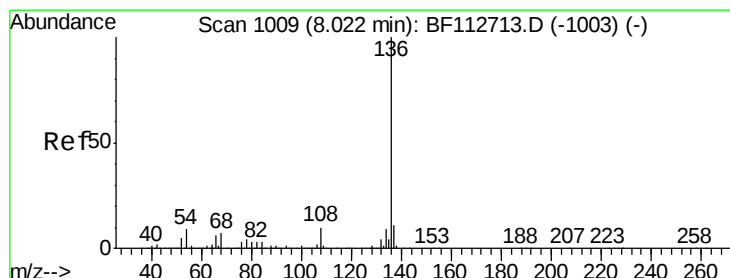
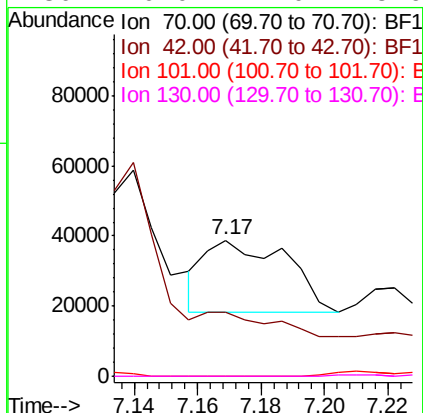
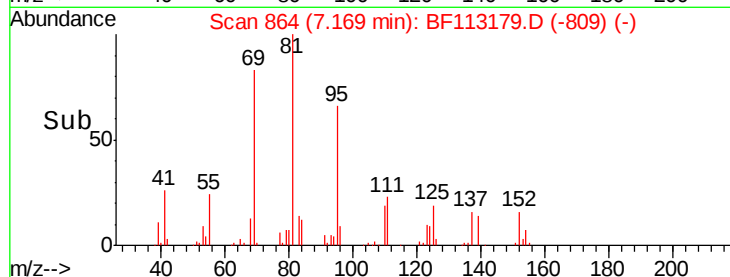
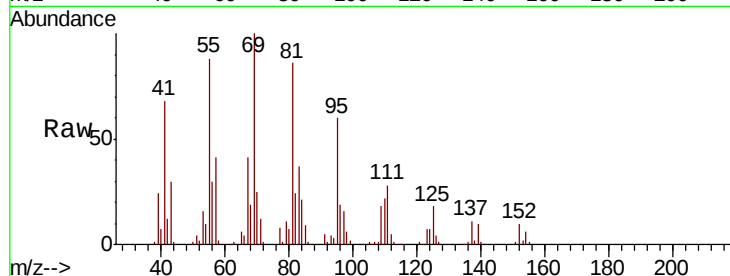




#19
n-Nitroso-di-n-propylamine
Concen: 6.630 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.02 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

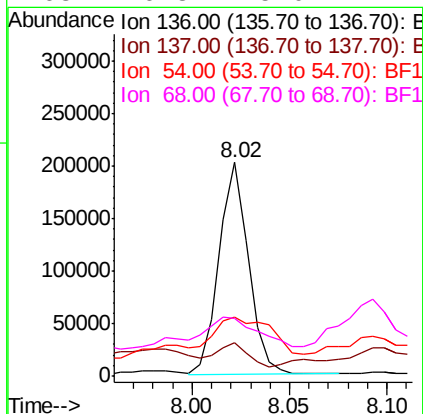
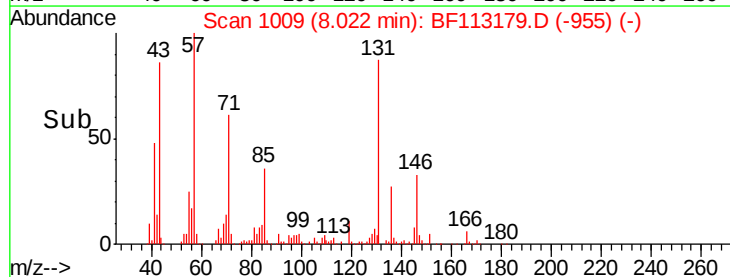
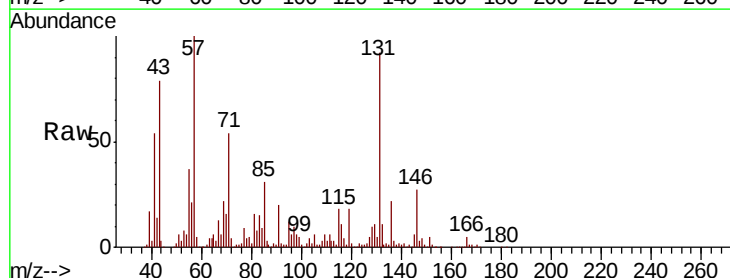
Instrument :
BNA_F
ClientSampleId :

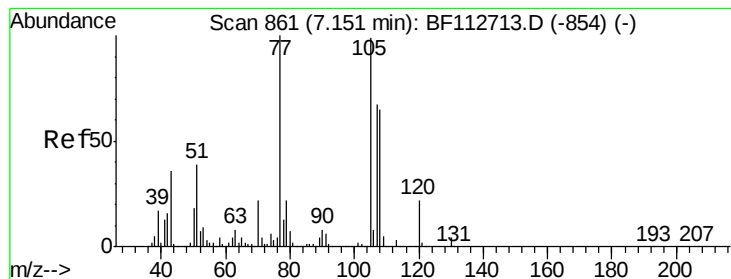
Tot Ion: 70 Resp: 36374
Ion Ratio Lower Upper
70 100
42 46.9 50.4 75.6#
101 0.0 7.5 11.3#
130 0.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion: 136 Resp: 211566
Ion Ratio Lower Upper
136 100
137 15.4 8.9 13.3#
54 27.4 7.0 10.6#
68 26.8 5.0 7.4#





#22

Acetophenone

Concen: 111.582 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 551996

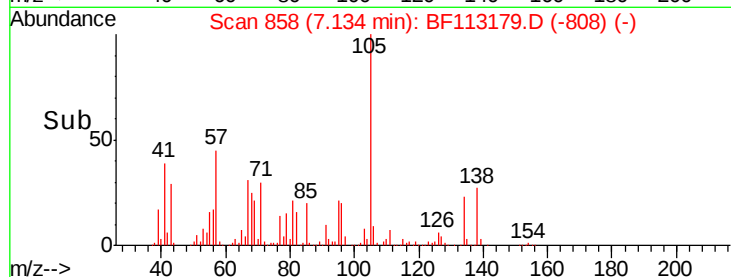
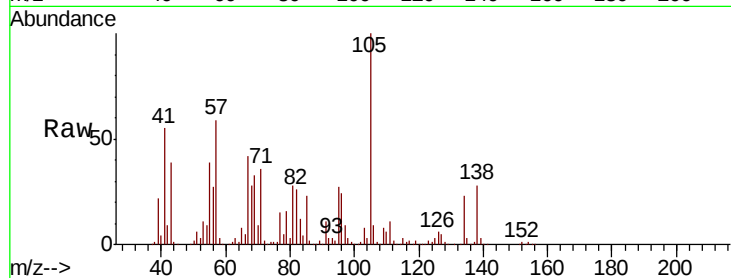
Ion Ratio Lower Upper

105 100

71 35.7 4.6 6.8#

51 6.1 27.4 41.0#

120 0.2 18.2 27.4#

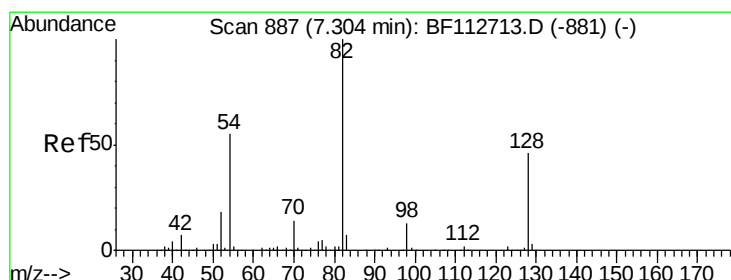
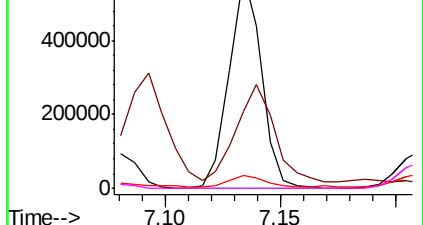


Abundance Ion 105.00 (104.70 to 105.70): E

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: 57.372 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

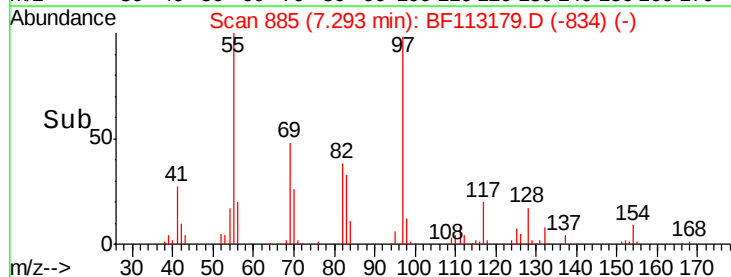
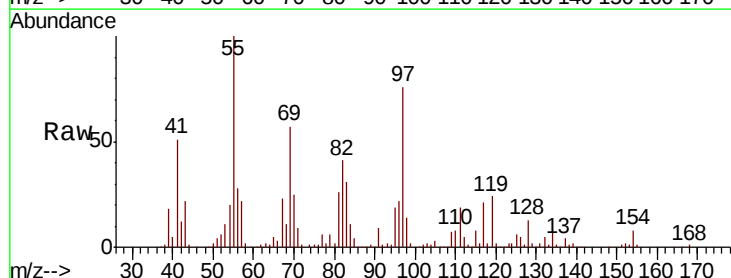
Tgt Ion: 82 Resp: 202846

Ion Ratio Lower Upper

82 100

128 31.5 37.9 56.9#

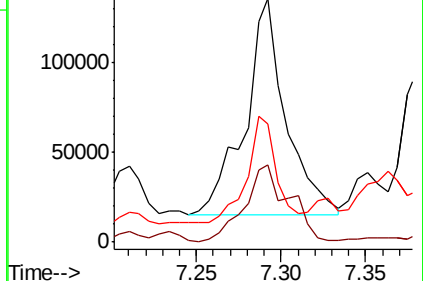
54 48.5 41.2 61.8

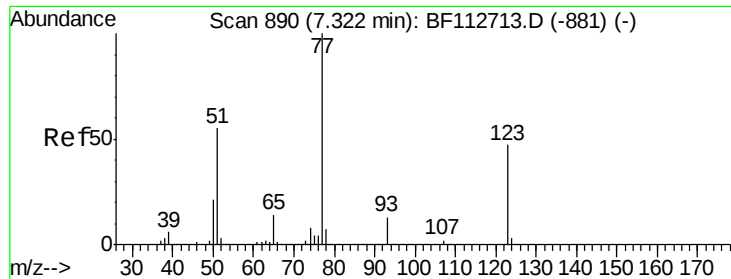


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

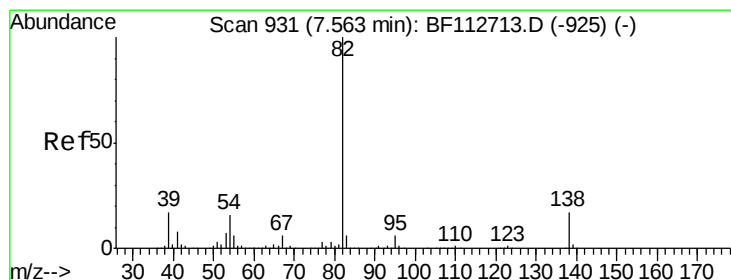
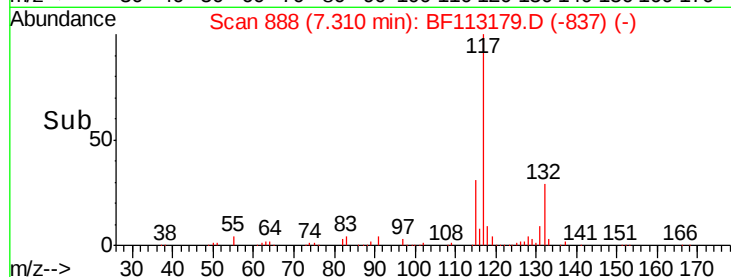
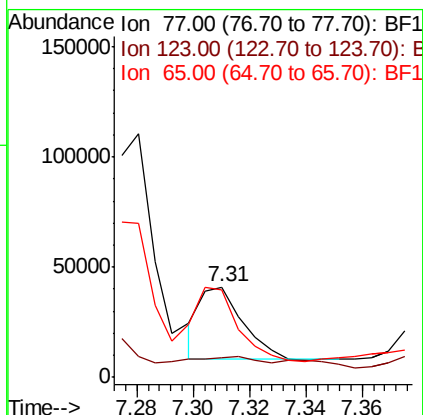
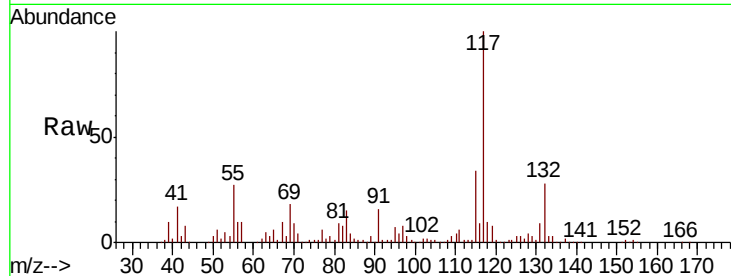




#24
 Nitrobenzene
 Concen: 8.785 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

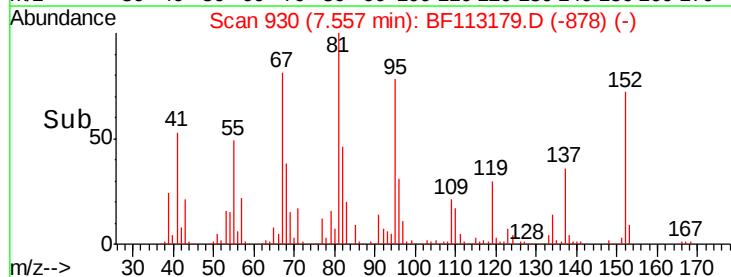
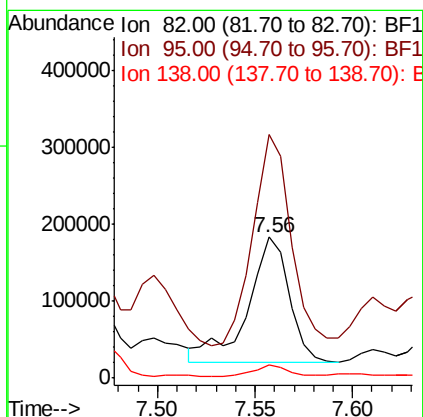
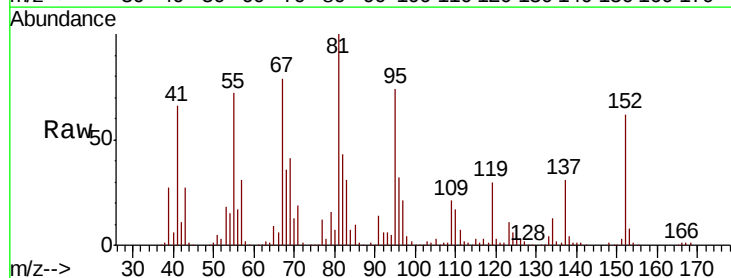
Instrument :
 BNA_F
 ClientSampled :

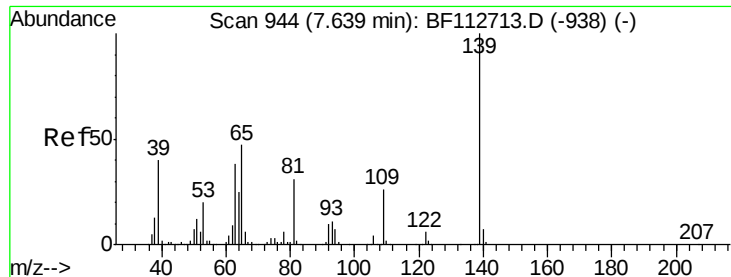
Tot Ion: 77 Resp: 34570
 Ion Ratio Lower Upper
 77 100
 123 21.4 39.8 59.6#
 65 96.8 10.9 16.3#



#25
 Isophorone
 Concen: 31.440 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Tgt Ion: 82 Resp: 239479
 Ion Ratio Lower Upper
 82 100
 95 172.7 5.6 8.4#
 138 9.2 14.5 21.7#

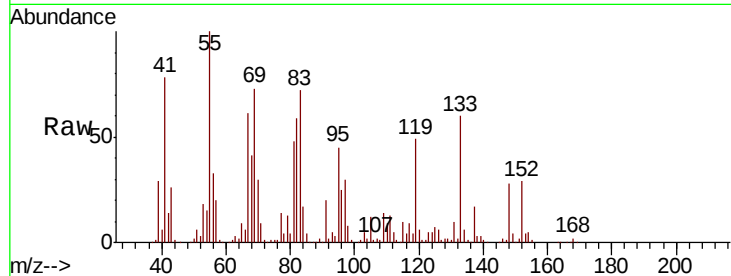




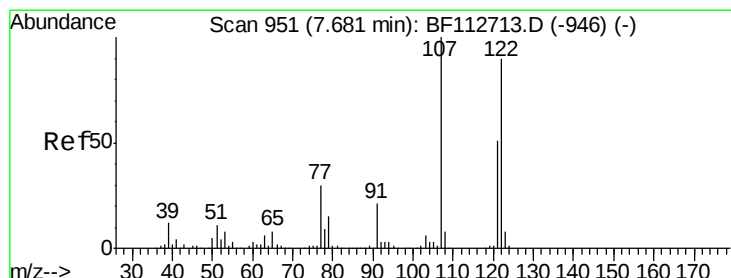
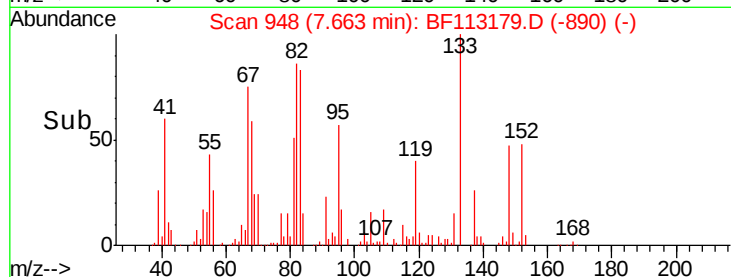
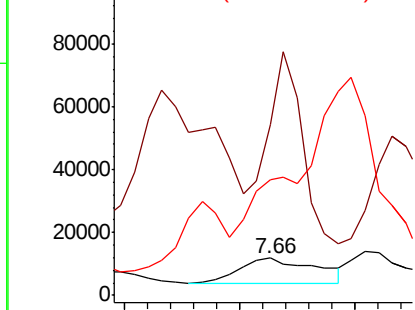
#26
2-Nitrophenol
Concen: 10.967 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.04 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 17966
Ion Ratio Lower Upper
139 100
109 456.1 21.4 32.0#
65 309.3 40.4 60.6#

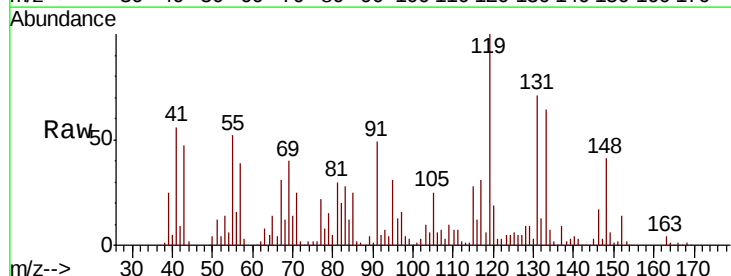


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

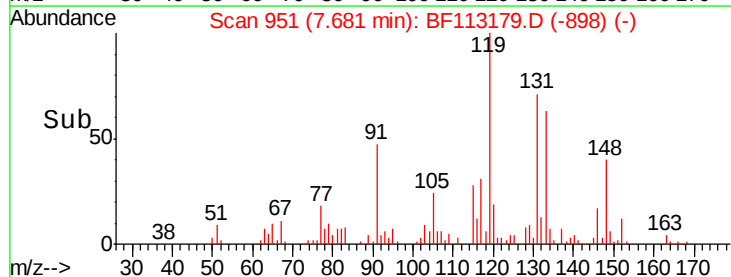
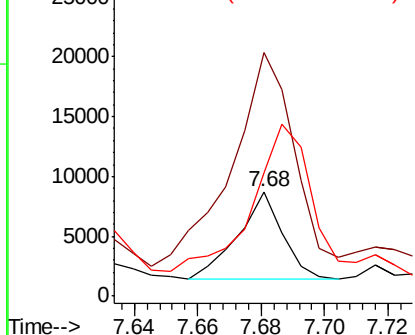


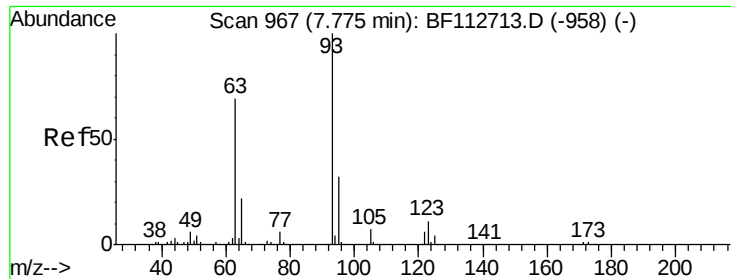
#27
2,4-Dimethylphenol
Concen: 2.334 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:122 Resp: 7112
Ion Ratio Lower Upper
122 100
107 233.8 90.4 135.6#
121 118.3 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

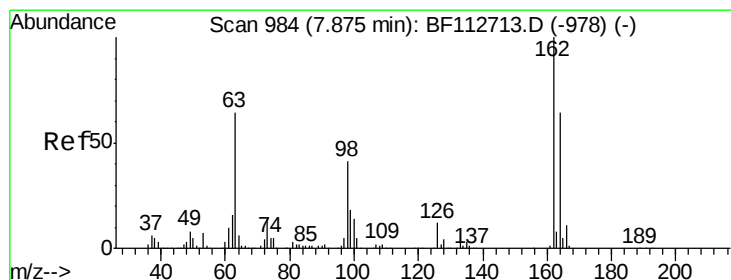
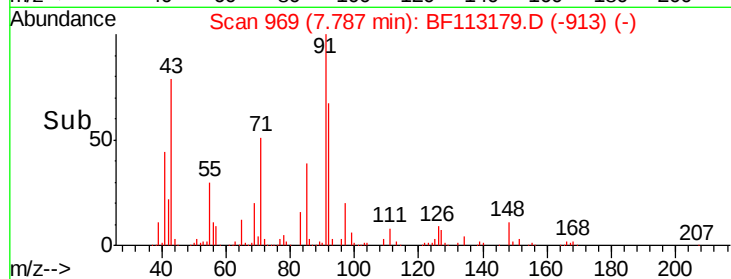
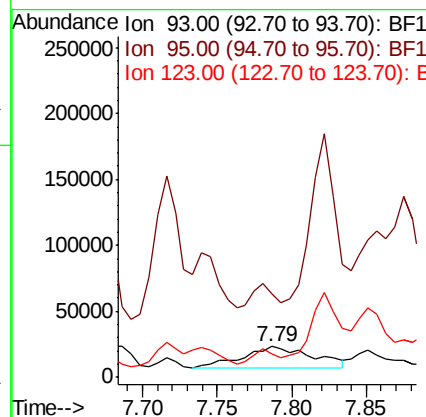
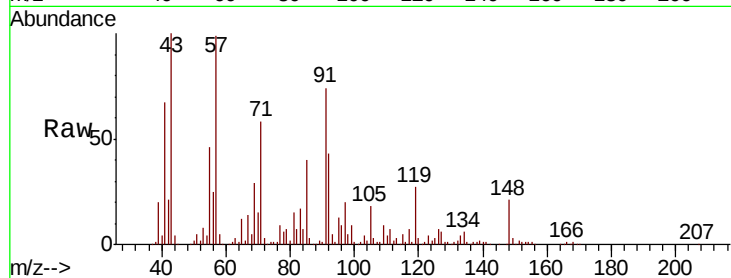




#28
bis(2-Chloroethoxy)methane
Concen: 11.197 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

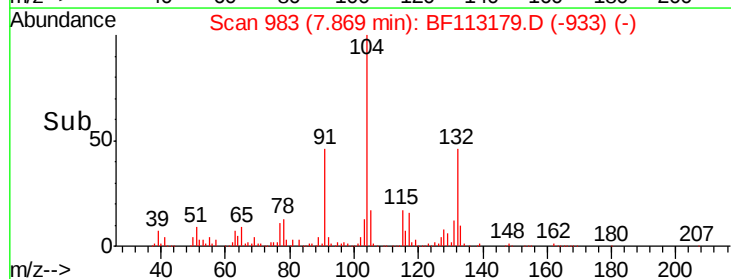
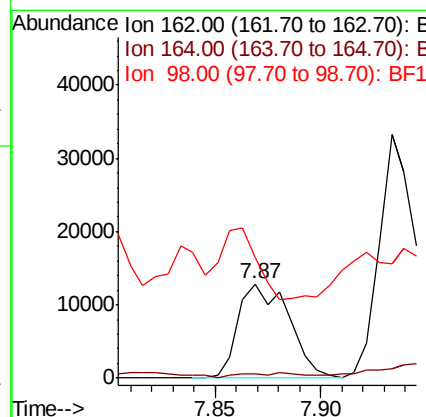
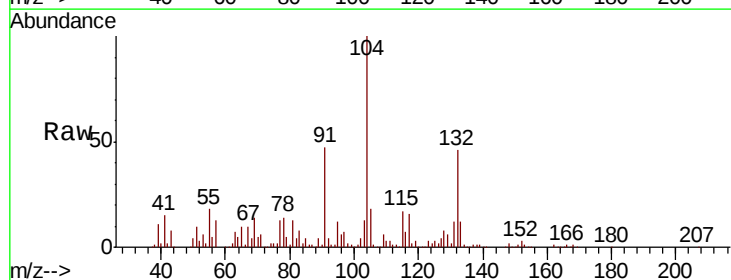
Instrument :
BNA_F
ClientSampled :

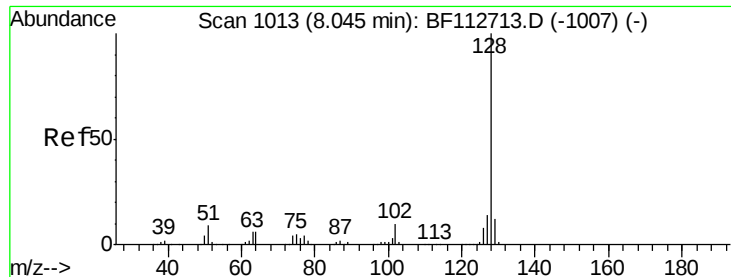
Tot Ion: 93 Resp: 53321
Ion Ratio Lower Upper
93 100
95 268.9 26.7 40.1#
123 74.6 9.2 13.8#



#29
2,4-Dichlorophenol
Concen: 7.242 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion: 162 Resp: 21402
Ion Ratio Lower Upper
162 100
164 4.4 45.3 85.3#
98 128.2 14.6 54.6#

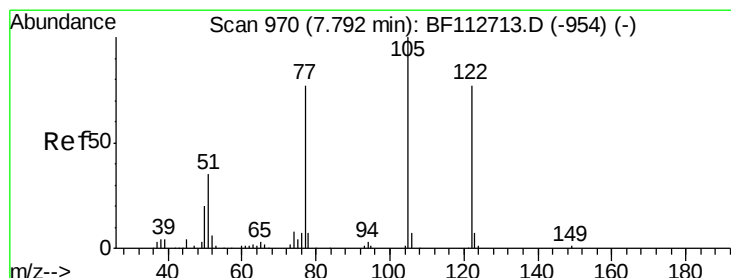
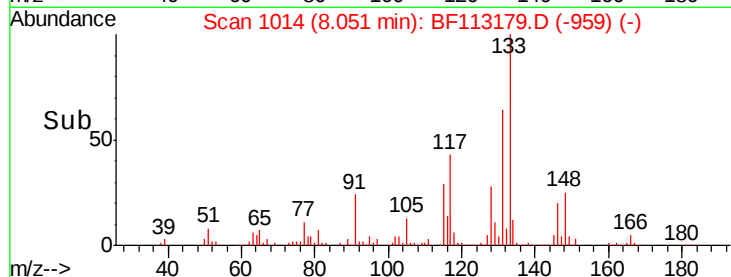
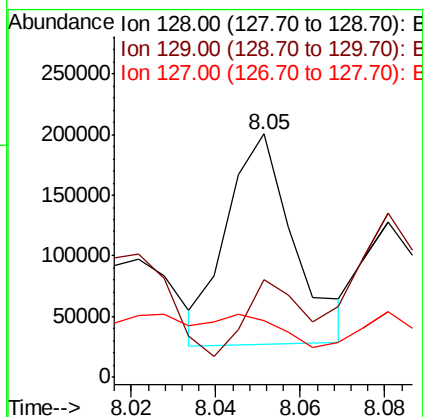
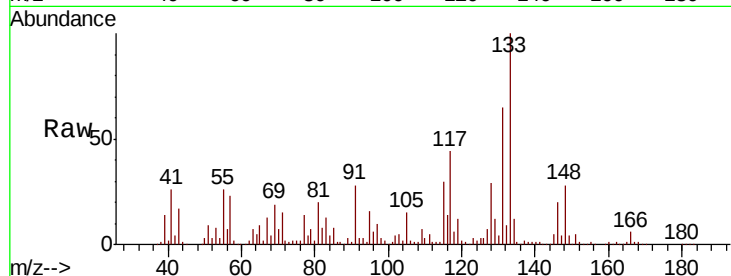




#31
Naphthalene
Concen: 18.177 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

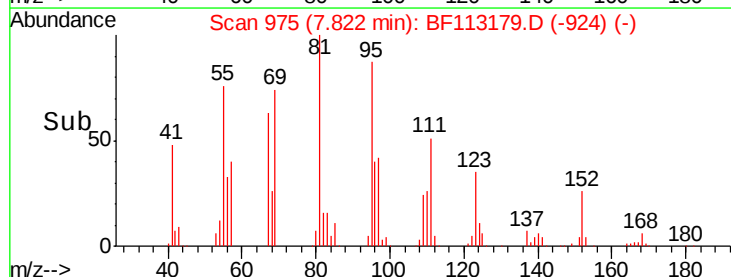
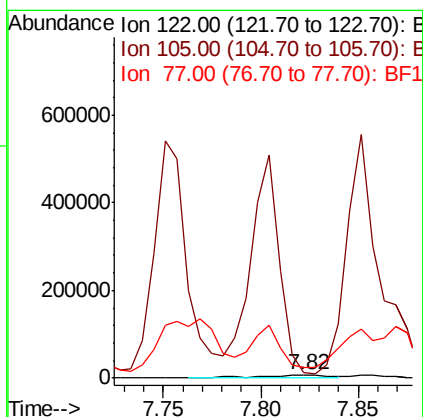
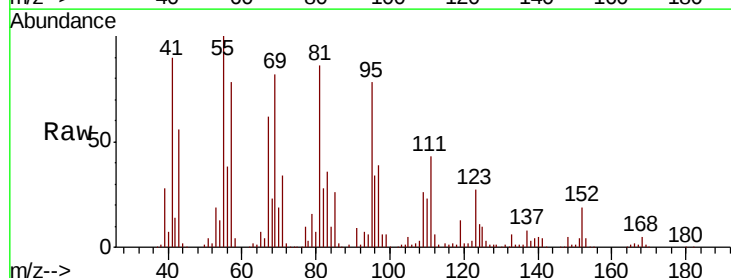
Instrument :
BNA_F
ClientSampleId :

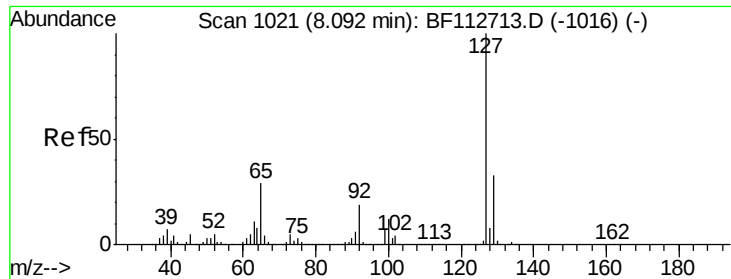
Tot Ion:128 Resp: 190929
Ion Ratio Lower Upper
128 100
129 40.4 9.4 14.0#
127 23.1 10.9 16.3#



#32
Benzoic acid
Concen: 5.971 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:122 Resp: 12754
Ion Ratio Lower Upper
122 100
105 155.0 98.4 138.4#
77 310.1 62.9 102.9#

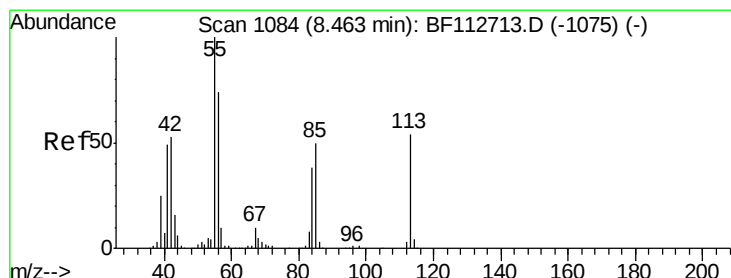
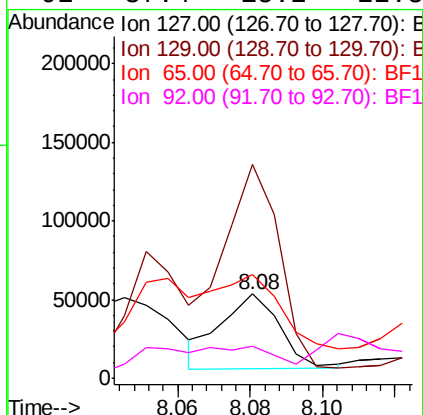
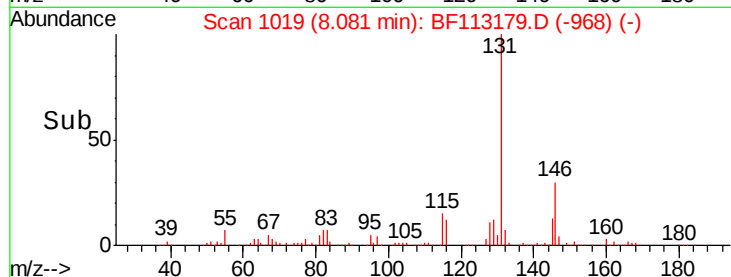
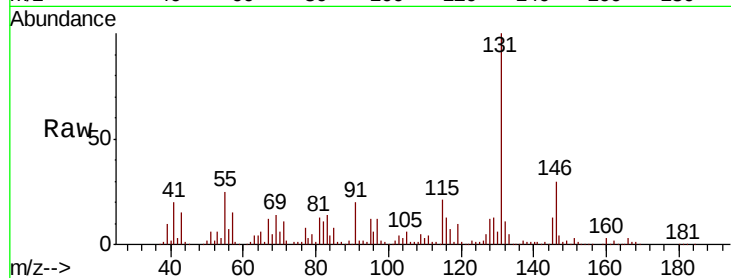




#33
4-Chloroaniline
Concen: 12.139 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

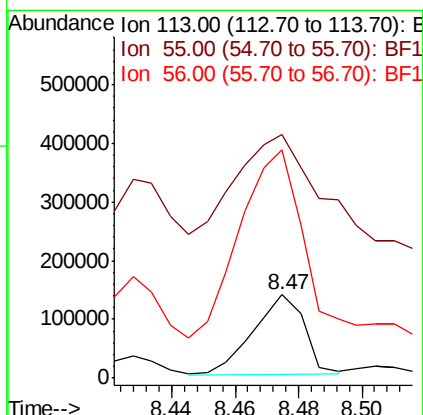
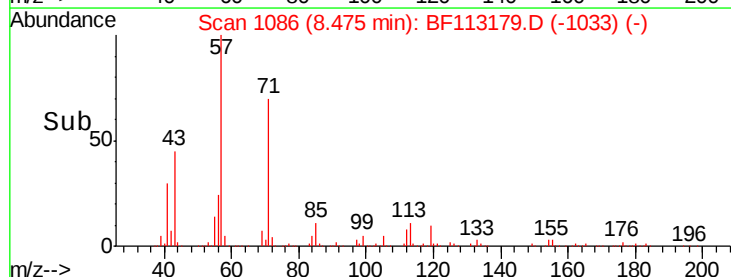
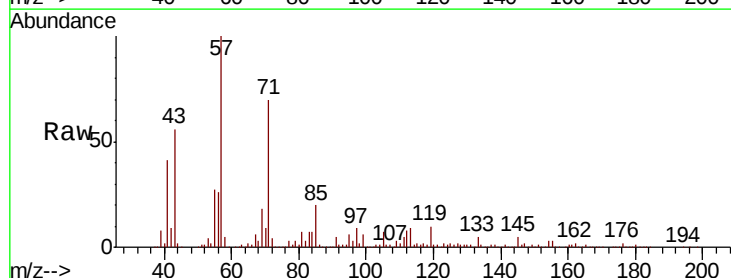
Instrument :
BNA_F
ClientSampleId :

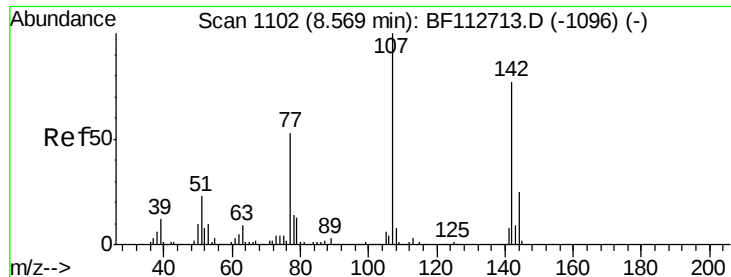
Tot Ion:127 Resp: 54007
Ion Ratio Lower Upper
127 100
129 253.0 26.1 39.1#
65 122.3 23.4 35.2#
92 37.4 15.2 22.8#



#35
Caprolactam
Concen: 147.151 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:113 Resp: 153170
Ion Ratio Lower Upper
113 100
55 291.8 159.2 199.2#
56 273.0 115.8 155.8#

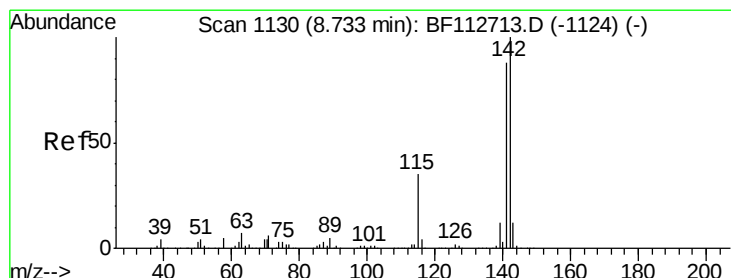
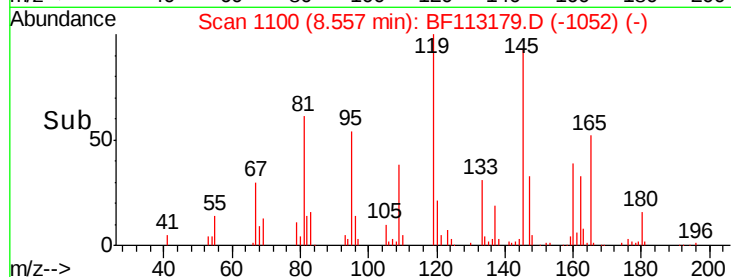
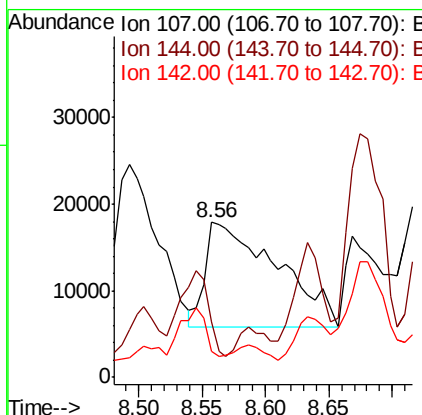
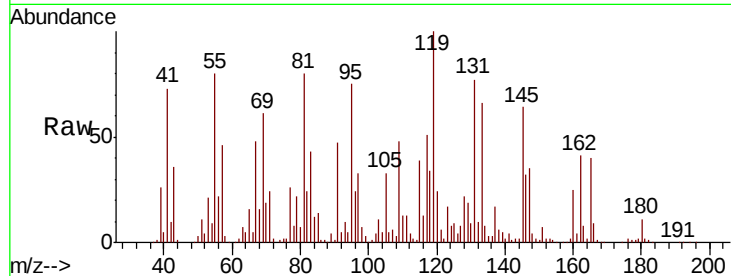




#36
 4-Chloro-3-methylphenol
 Concen: 14.594 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

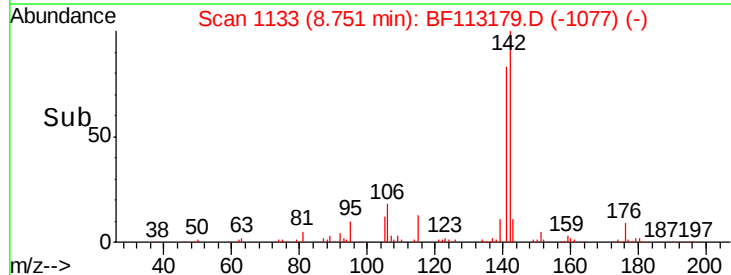
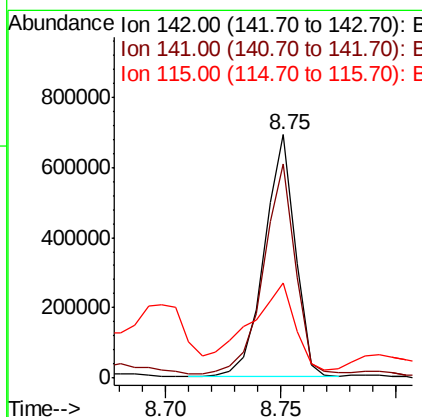
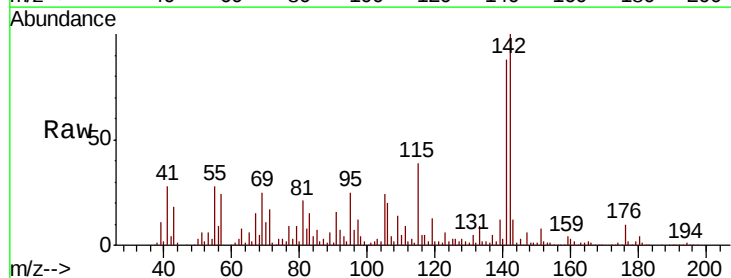
Instrument :
 BNA_F
 ClientSampleId :

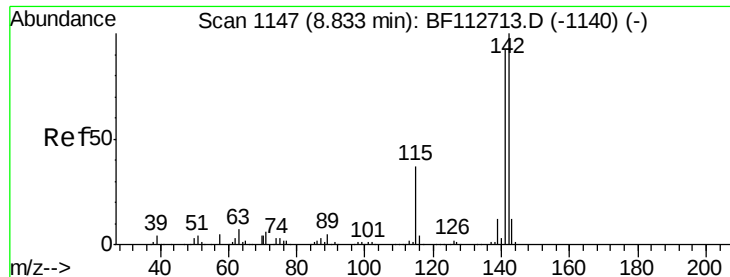
Tot Ion:107 Resp: 47734
 Ion Ratio Lower Upper
 107 100
 144 35.9 21.1 31.7#
 142 16.9 65.8 98.8#



#37
 2-Methylnaphthalene
 Concen: 94.113 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.03 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Tgt Ion:142 Resp: 638387
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.5 105.7
 115 39.3 26.3 39.5

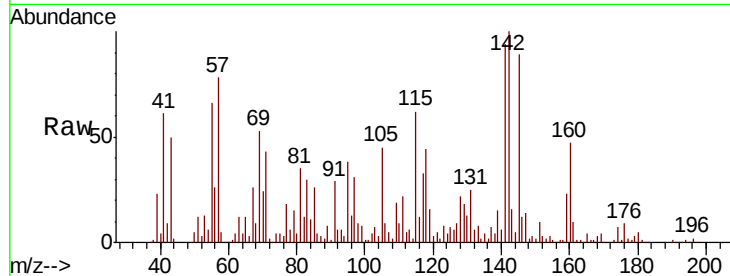




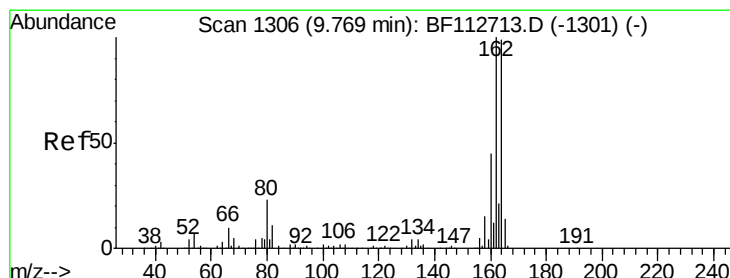
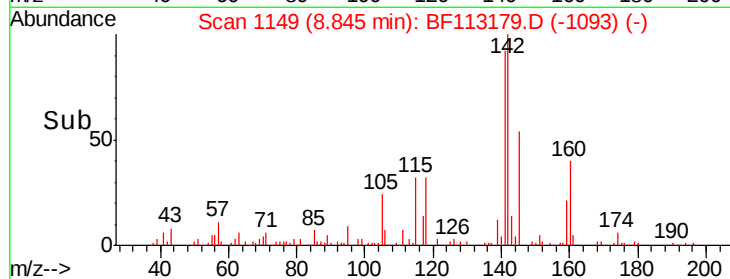
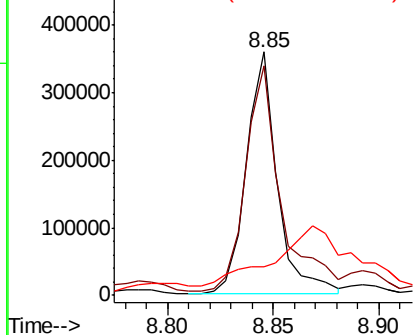
#38
1-Methylnaphthalene
Concen: 55.779 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 366513
Ion Ratio Lower Upper
142 100
141 94.4 73.5 110.3
116 11.8 3.0 4.6#

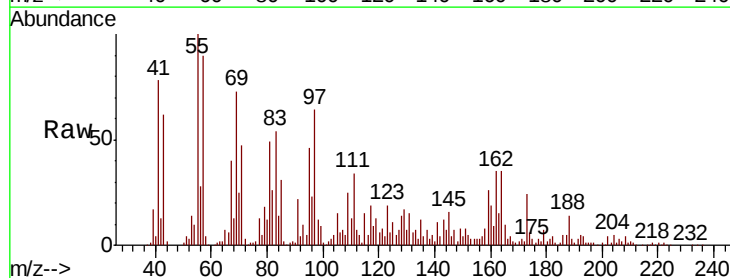


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

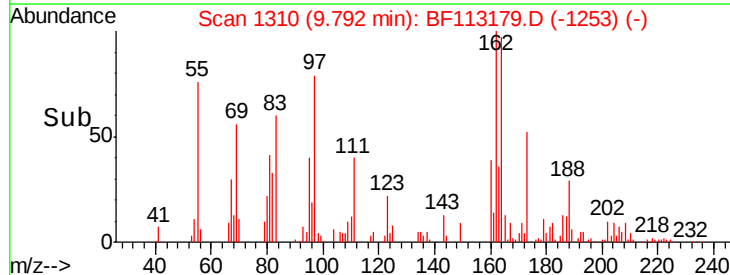
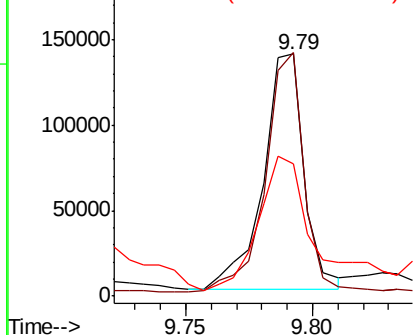


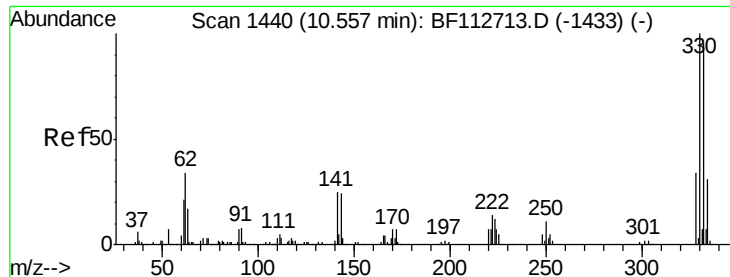
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.04 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:164 Resp: 155425
Ion Ratio Lower Upper
164 100
162 100.5 80.8 121.2
160 54.4 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

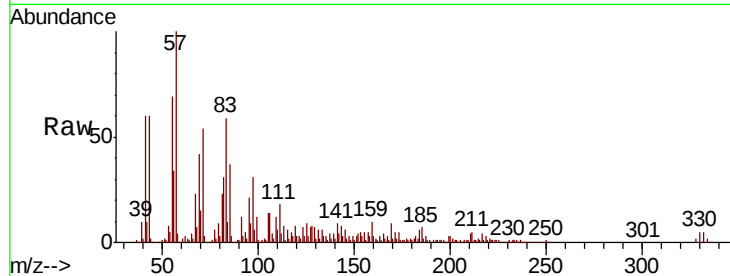




#42
 2,4,6-Tribromophenol
 Concen: 20.326 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.03 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.3	114.5
141	58.9	22.3	33.5#

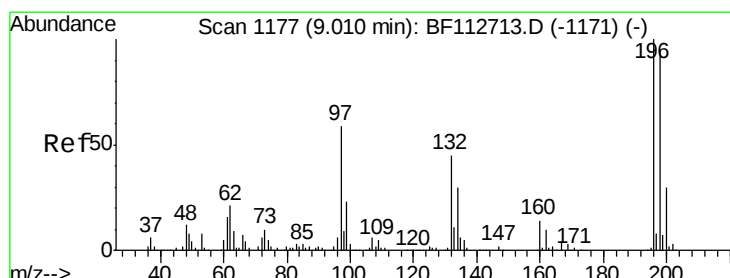
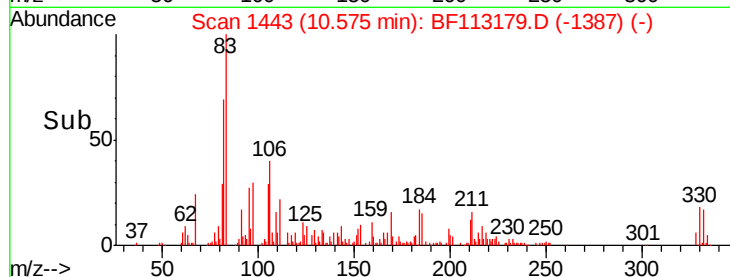
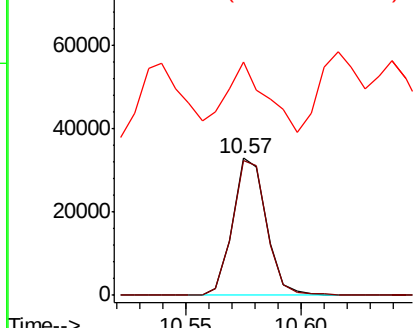


Abundance

Ion 329.80 (329.50 to 330.50): E

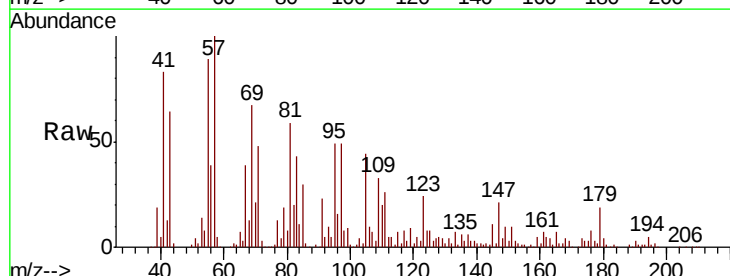
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 3.530 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.03 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.3	115.9#
200	0.0	25.8	38.8#

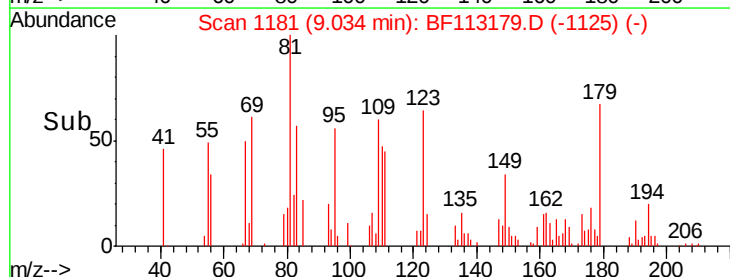
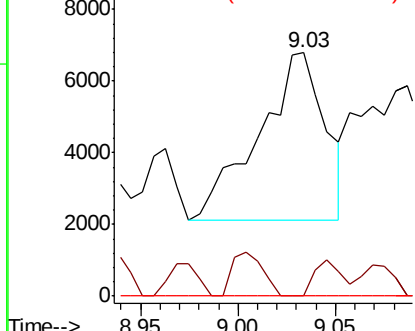


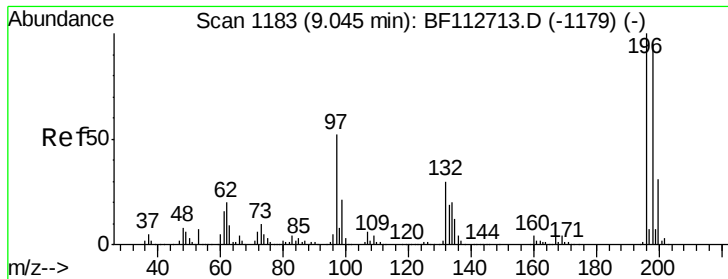
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 2.960 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.04 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 9980

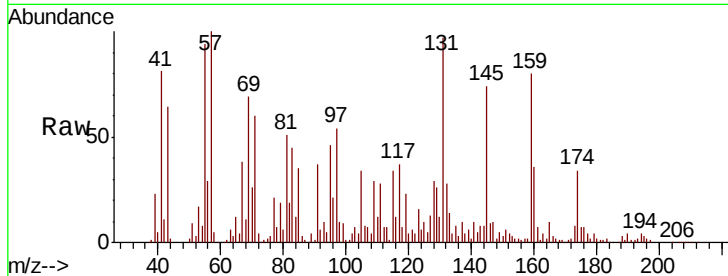
Ion Ratio Lower Upper

196 100

198 0.0 74.8 112.2#

97 2713.1 39.3 58.9#

132 1407.3 23.0 34.6#

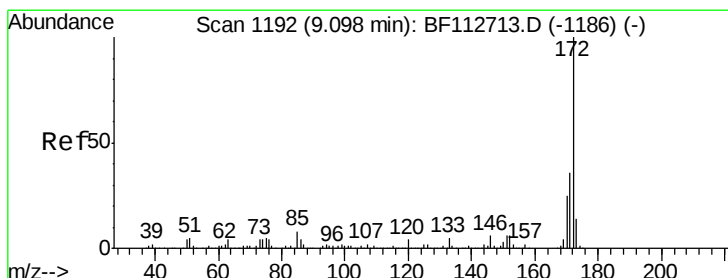
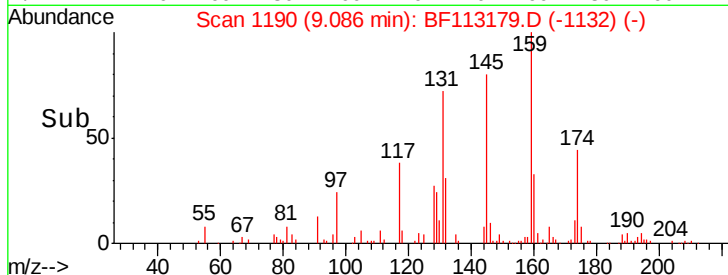
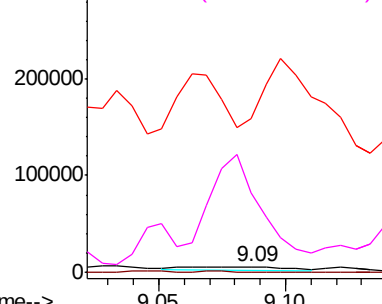


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 16.260 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.02 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

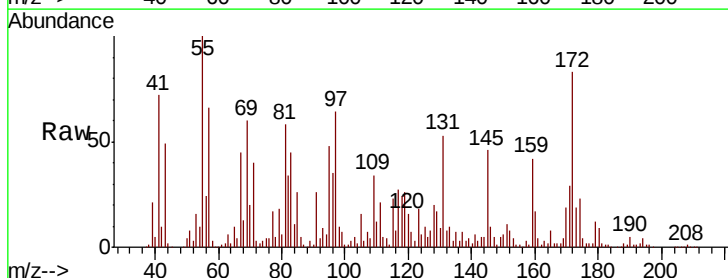
Tgt Ion:172 Resp: 196733

Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.4

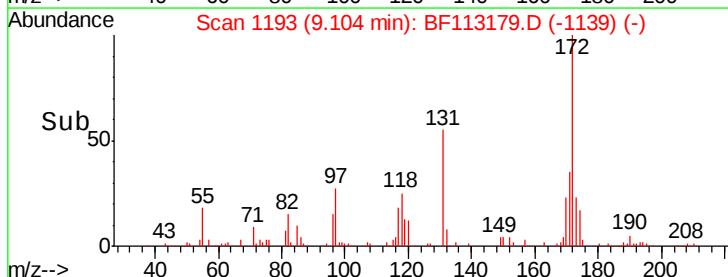
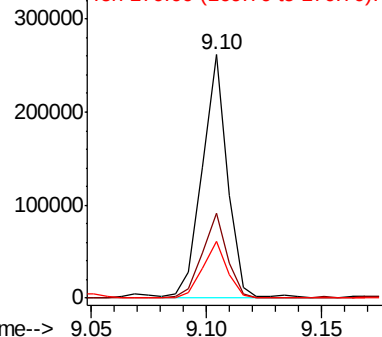
170 23.1 20.1 30.1

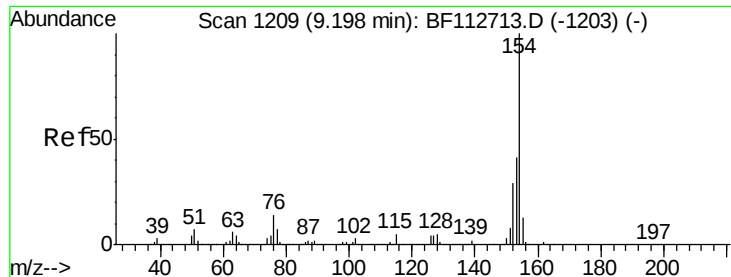


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

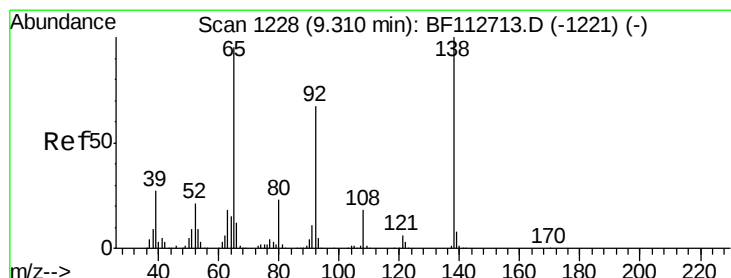
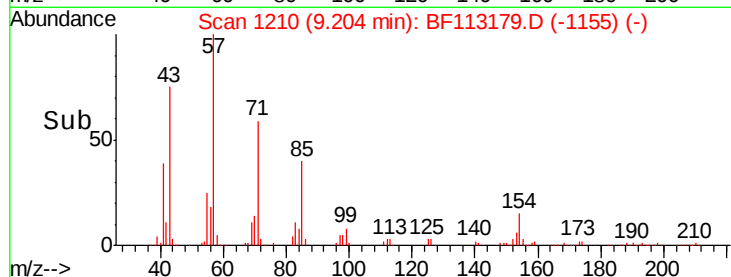
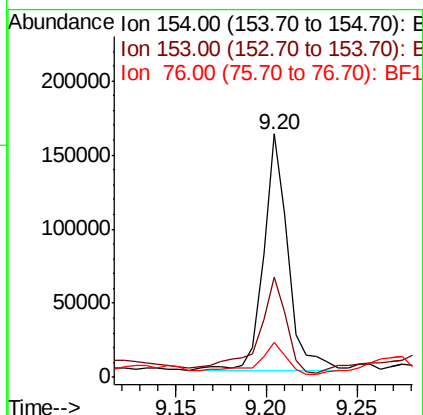
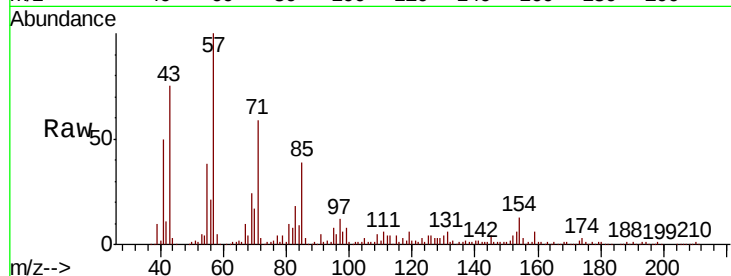




#46
 1,1'-Biphenyl
 Concen: 11.598 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

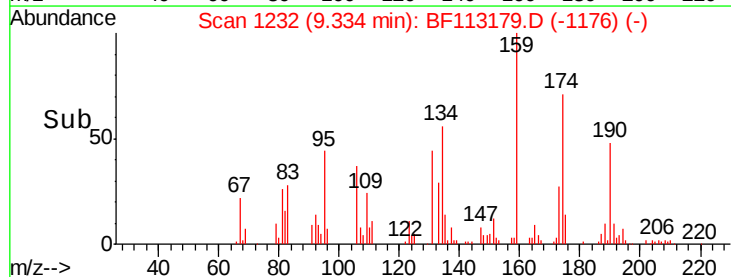
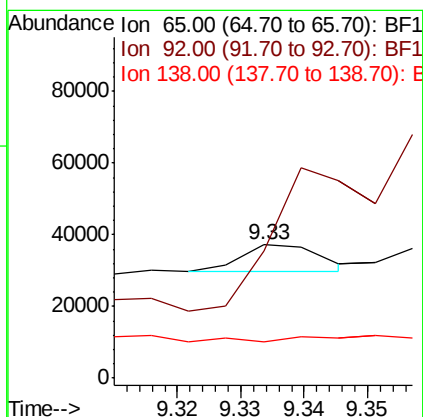
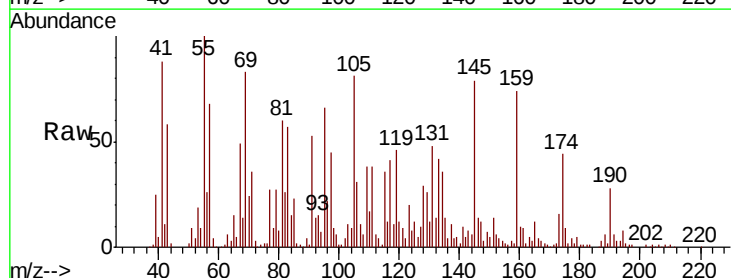
Instrument :
 BNA_F
 ClientSampleId :

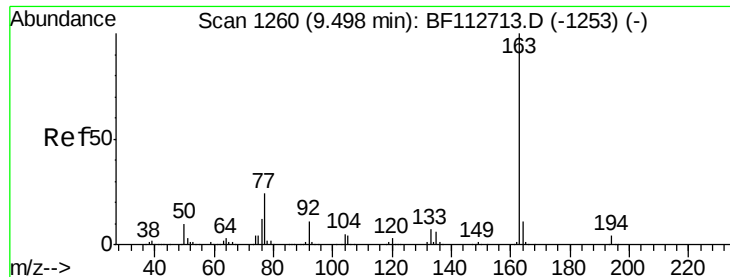
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	14.4	0.0	33.5



#48
 2-Nitroaniline
 Concen: 2.149 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.03 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	95.4	56.5	84.7#
138	27.4	90.1	135.1#

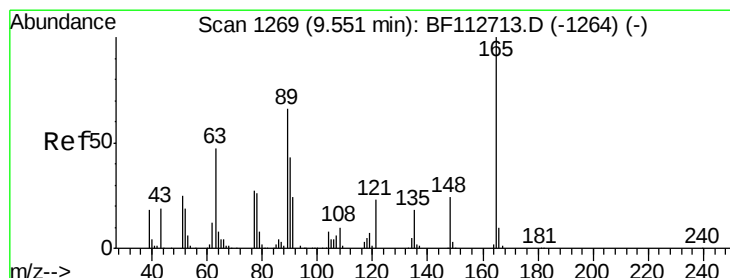
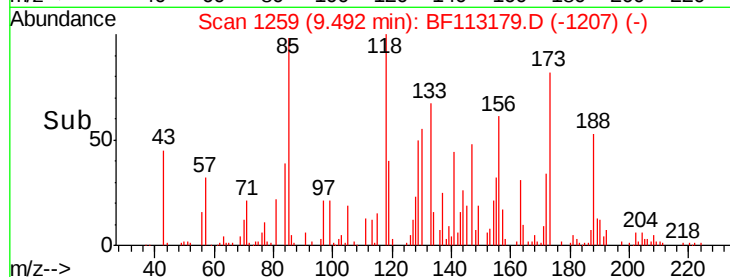
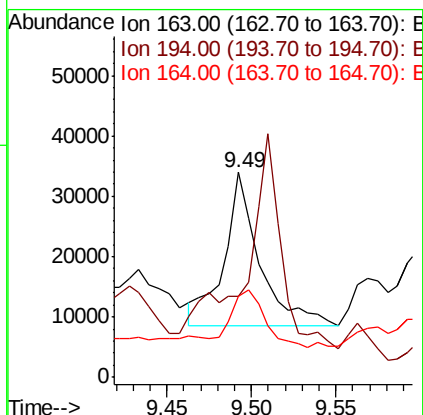
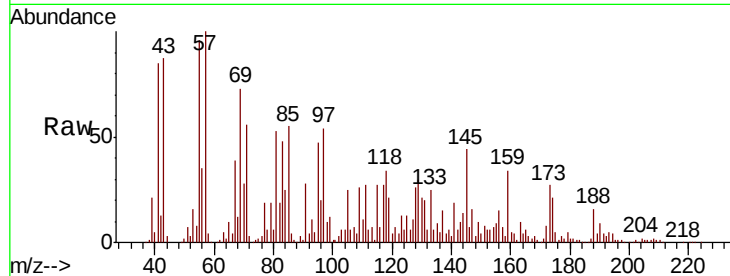




#50
Dimethylphthalate
Concen: 3.218 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

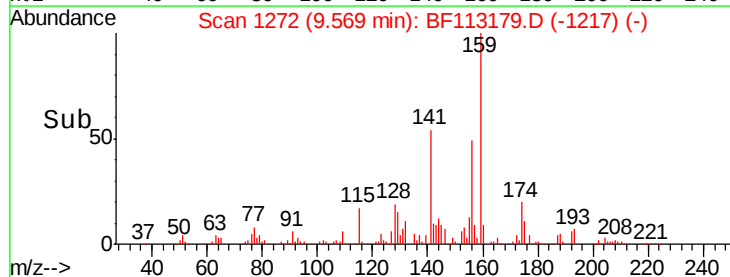
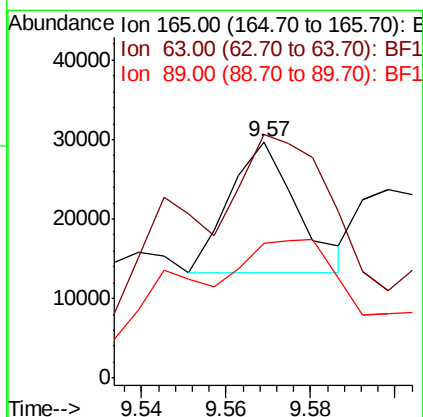
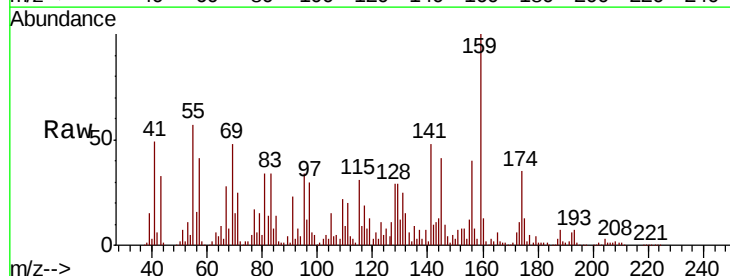
Instrument :
BNA_F
ClientSampleId :

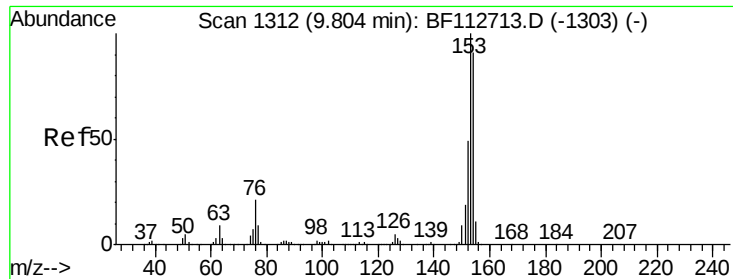
Tot Ion:163 Resp: 36882
Ion Ratio Lower Upper
163 100
194 39.3 3.3 4.9#
164 39.8 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 7.730 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.02 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:165 Resp: 18448
Ion Ratio Lower Upper
165 100
63 102.9 45.4 68.2#
89 56.8 43.8 65.6

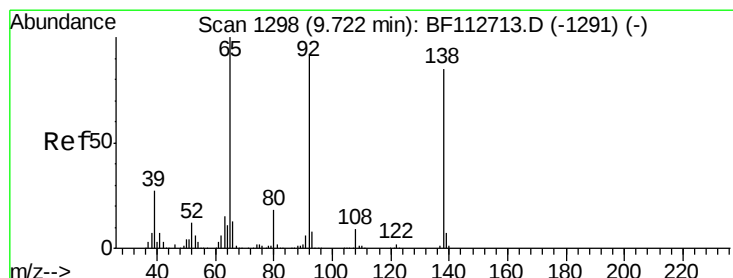
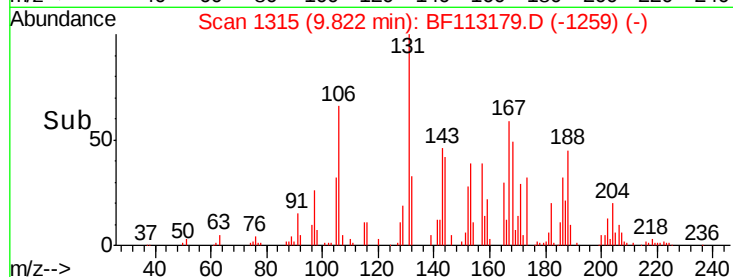
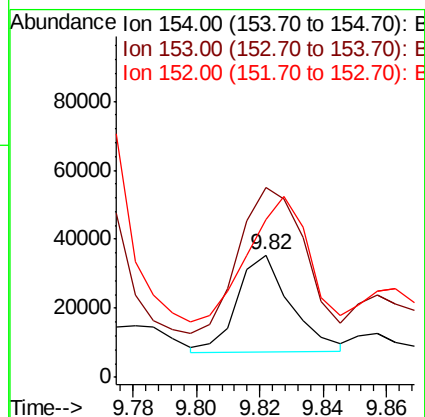
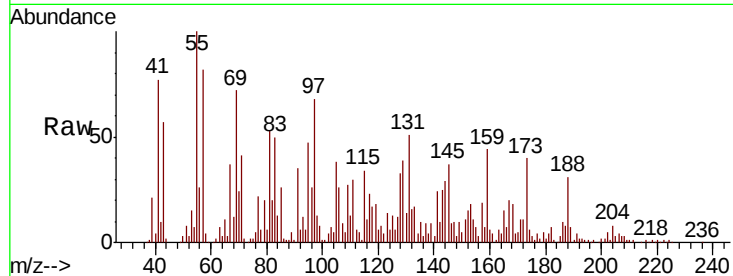




#52
Acenaphthene
Concen: 3.368 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

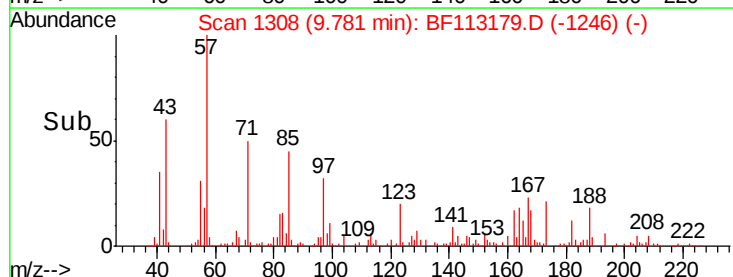
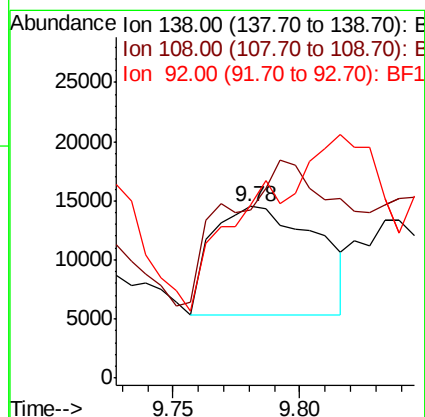
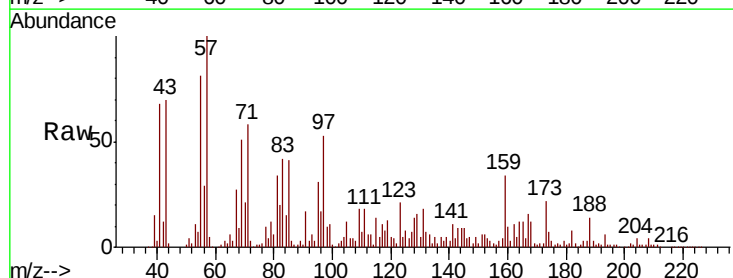
Instrument :
BNA_F
ClientSampleId :

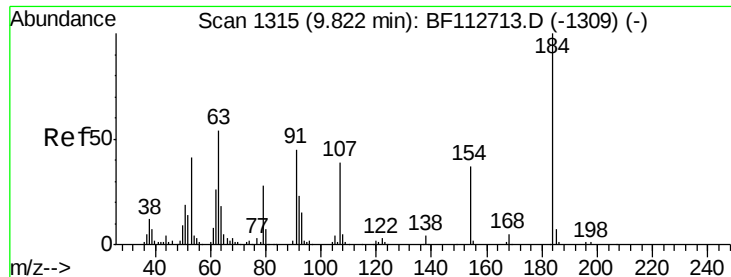
Tot Ion:154 Resp: 33102
Ion Ratio Lower Upper
154 100
153 155.1 89.9 134.9#
152 129.1 43.4 65.2#



#53
3-Nitroaniline
Concen: 9.031 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.06 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:138 Resp: 26262
Ion Ratio Lower Upper
138 100
108 98.1 7.9 11.9#
92 100.7 89.0 133.6

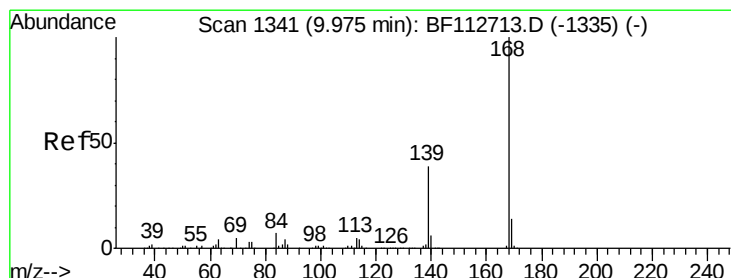
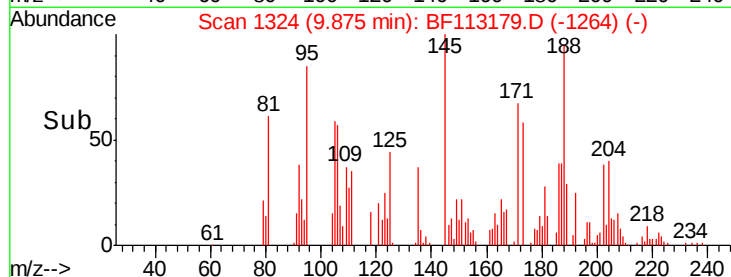
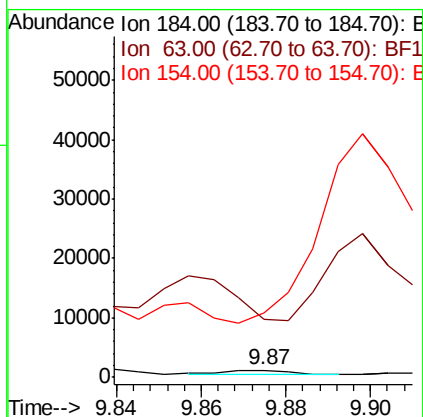
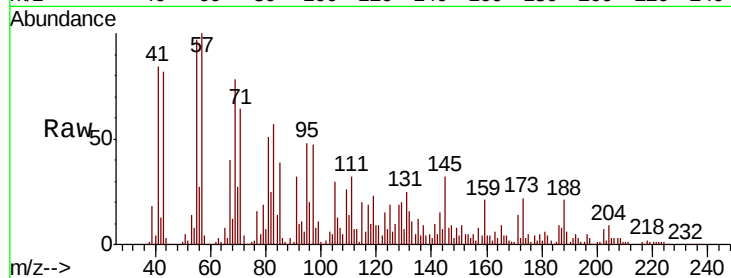




#54
2,4-Dinitrophenol
Concen: 7.265 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.05 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

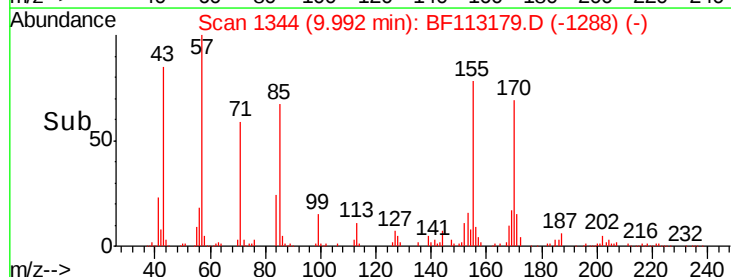
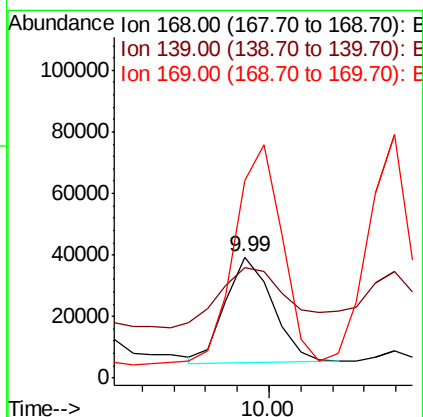
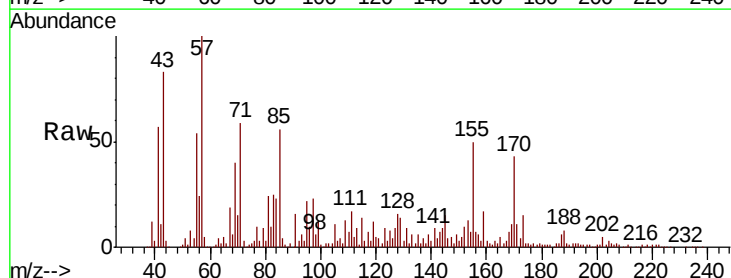
Instrument :
BNA_F
ClientSampled :

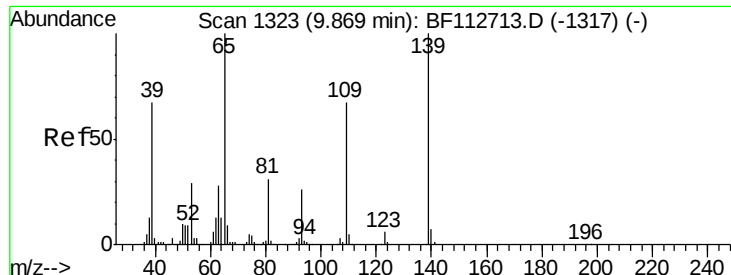
Tot Ion:184 Resp: 862
Ion Ratio Lower Upper
184 100
63 798.0 52.1 78.1#
154 883.5 46.2 69.4#



#55
Dibenzofuran
Concen: 2.480 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:168 Resp: 35416
Ion Ratio Lower Upper
168 100
139 91.2 30.7 46.1#
169 163.2 11.0 16.6#





#56

4-Nitrophenol

Concen: 15.399 ng

RT: 9.90 min Scan# 1328

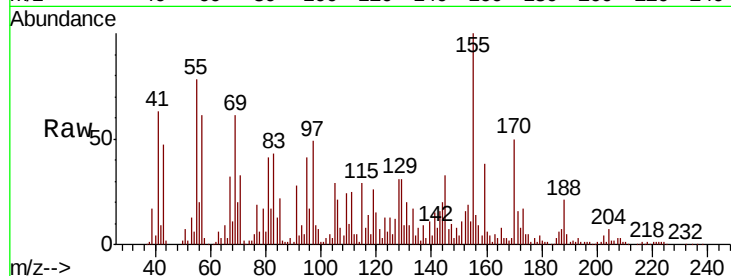
Delta R.T. 0.01 min

Lab File: BF113179.D

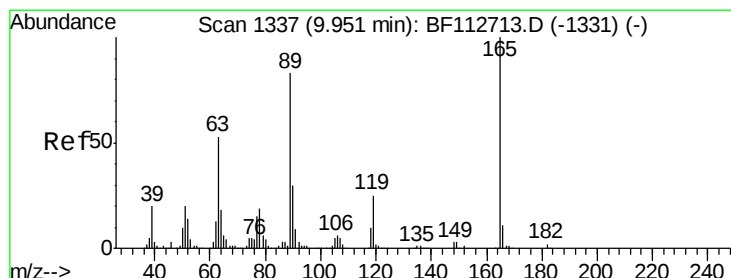
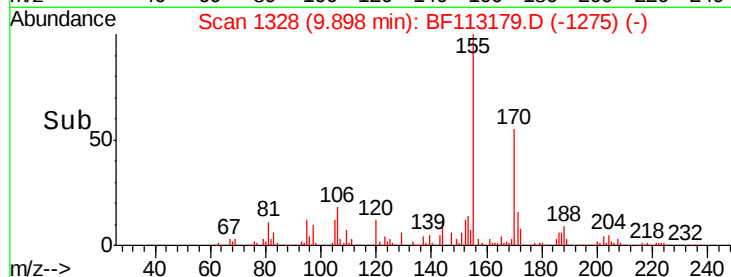
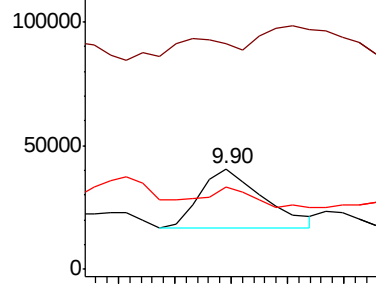
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 36393
Ion Ratio Lower Upper
139 100
109 223.6 45.4 85.4#
65 81.2 80.1 120.1



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



#57

2,4-Dinitrotoluene

Concen: 5.331 ng

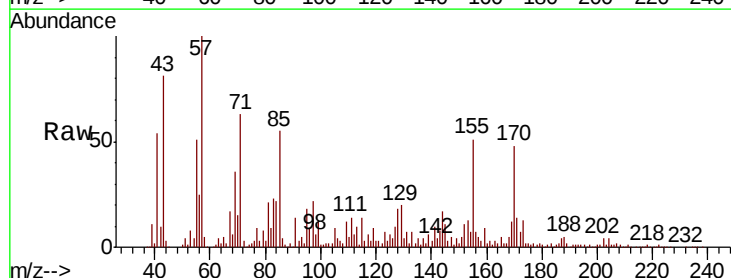
RT: 10.00 min Scan# 1345

Delta R.T. 0.05 min

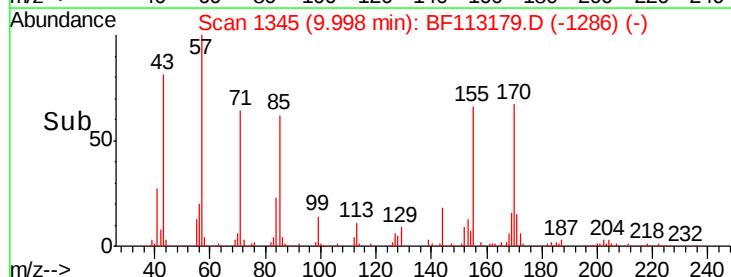
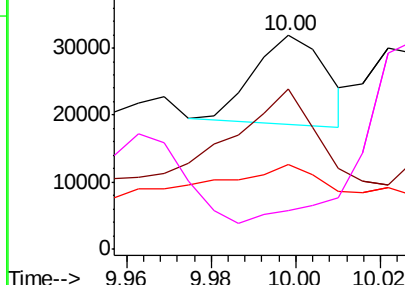
Lab File: BF113179.D

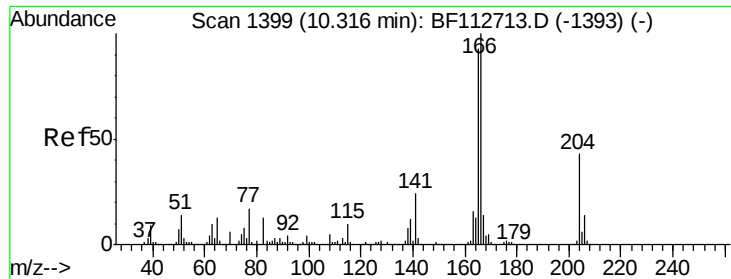
Acq: 20 Mar 2019 19:01

Tgt Ion:165 Resp: 15813
Ion Ratio Lower Upper
165 100
63 75.2 37.9 56.9#
89 39.4 58.5 87.7#
182 17.8 2.2 3.2#



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

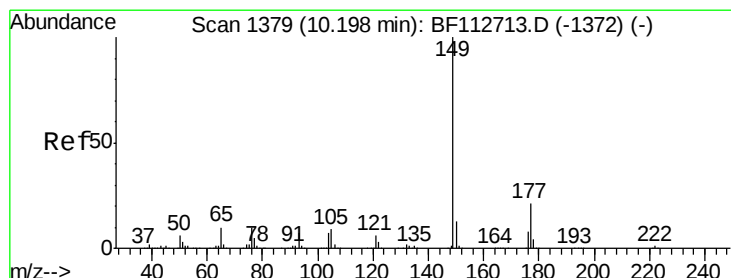
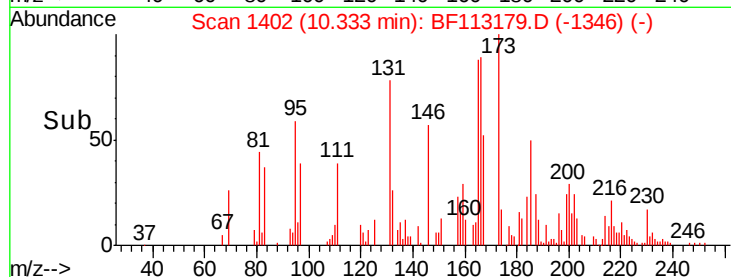
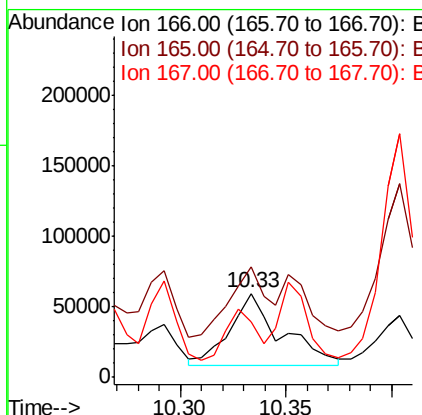
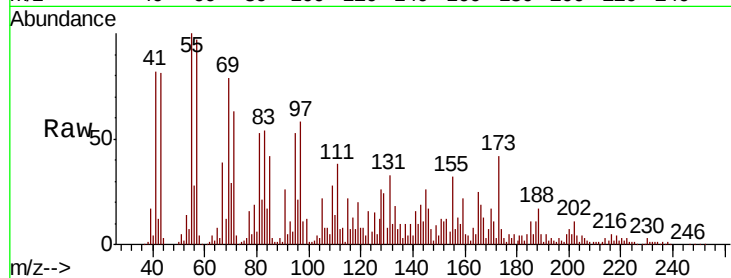




#58
Fluorene
Concen: 8.535 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

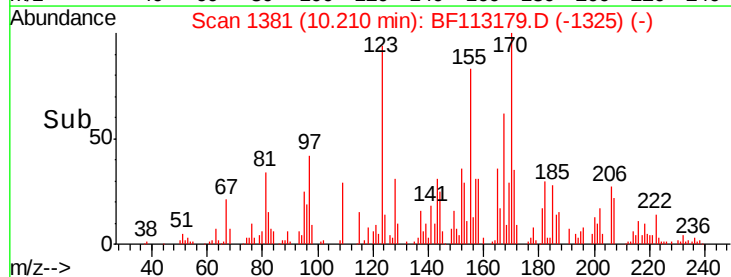
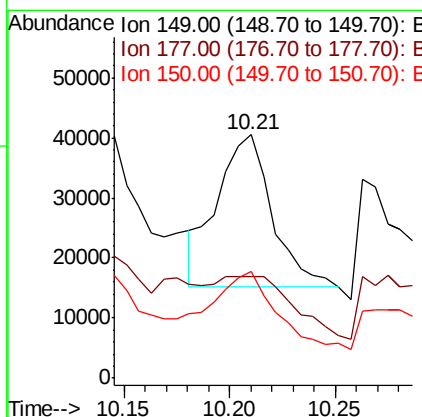
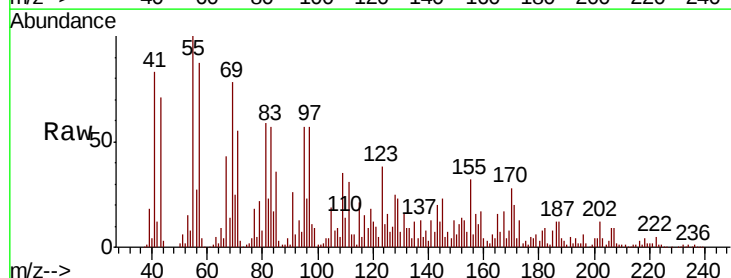
Instrument :
BNA_F
ClientSampled :

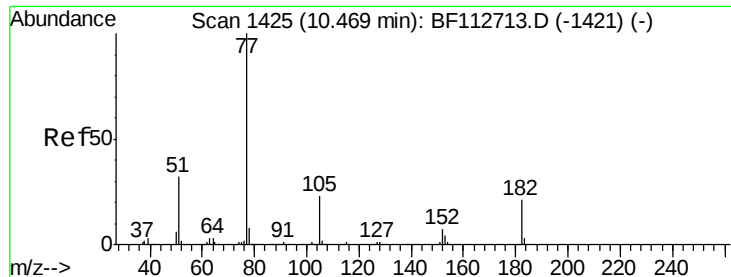
Tot Ion:166 Resp: 86527
Ion Ratio Lower Upper
166 100
165 131.4 75.4 113.2#
167 66.9 11.0 16.6#



#60
Diethylphthalate
Concen: 3.751 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:149 Resp: 45396
Ion Ratio Lower Upper
149 100
177 41.8 17.7 26.5#
150 43.6 10.2 15.4#

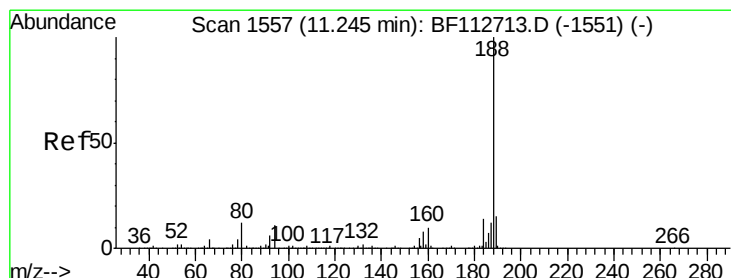
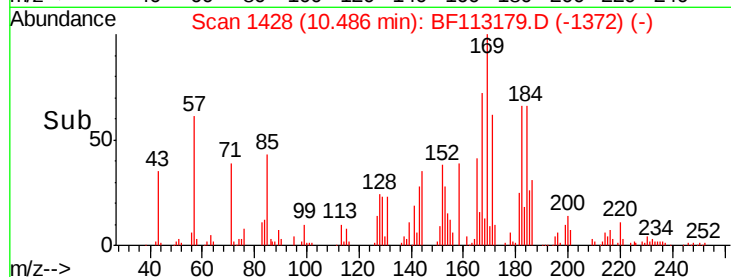
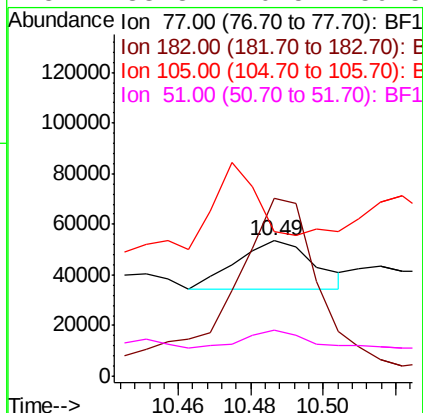
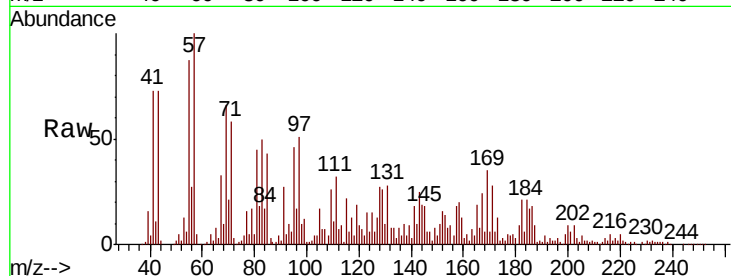




#63
Azobenzene
Concen: 2.308 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

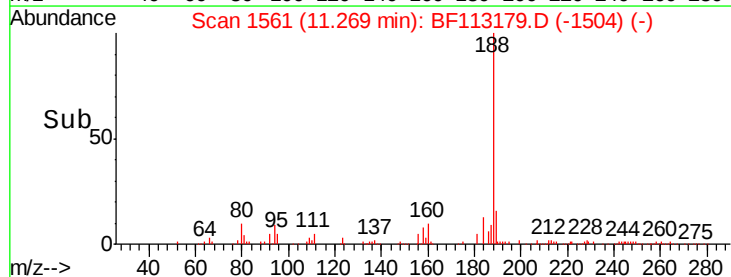
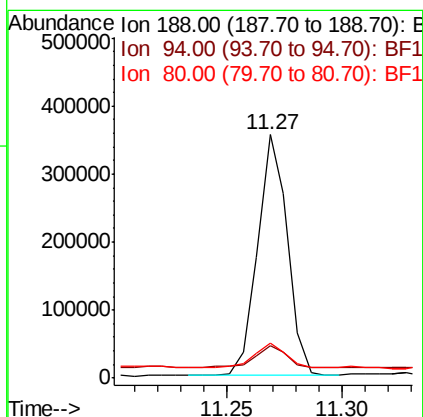
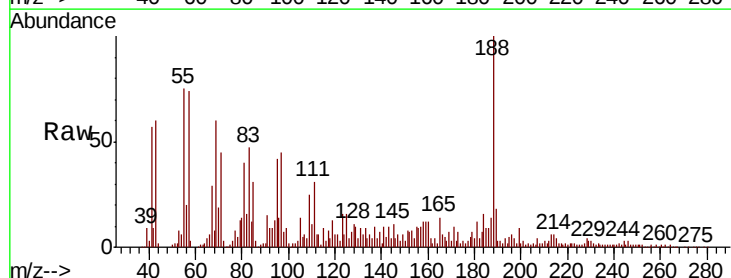
Instrument :
BNA_F
ClientSampled :

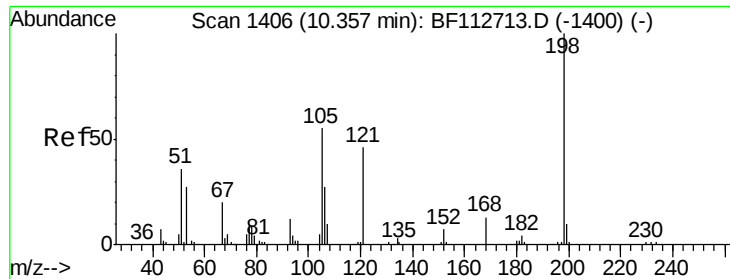
Tot Ion: 77 Resp: 28613
Ion Ratio Lower Upper
77 100
182 131.7 5.6 45.6#
105 106.7 2.6 42.6#
51 33.8 10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.04 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion: 188 Resp: 317706
Ion Ratio Lower Upper
188 100
94 13.5 7.4 11.2#
80 14.4 7.9 11.9#





#65

4,6-Dinitro-2-methylphenol

Concen: 5.536 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.04 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

ClientSampleId :

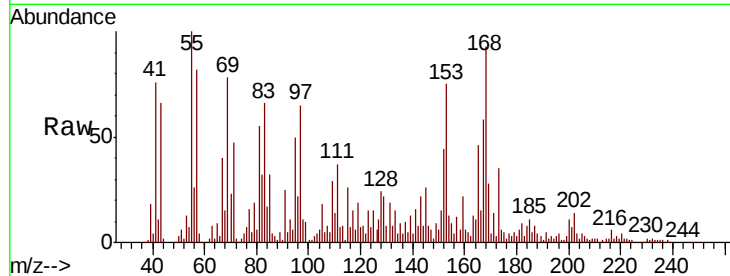
Tot Ion:198 Resp: 1334

Ion Ratio Lower Upper

198 100

51 1054.4 25.5 65.5#

105 2964.8 23.2 63.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

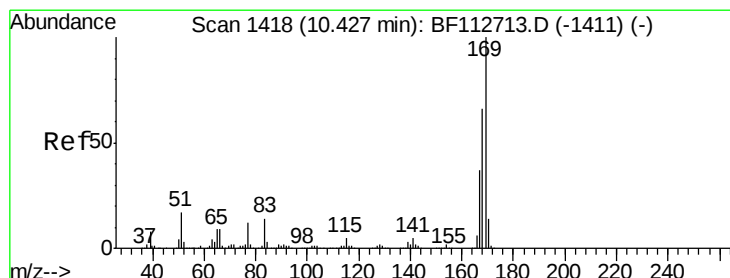
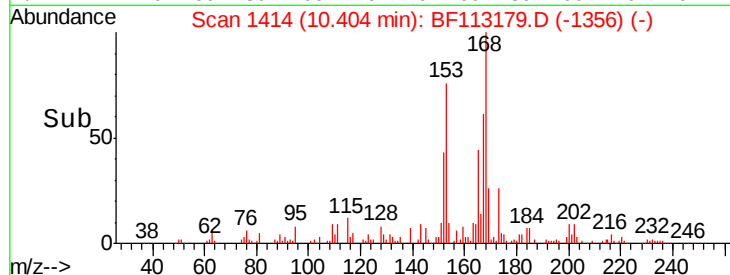
40000

20000

0

10.38 10.40 10.42

Time-->



#66

n-Nitrosodiphenylamine

Concen: 12.915 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.04 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

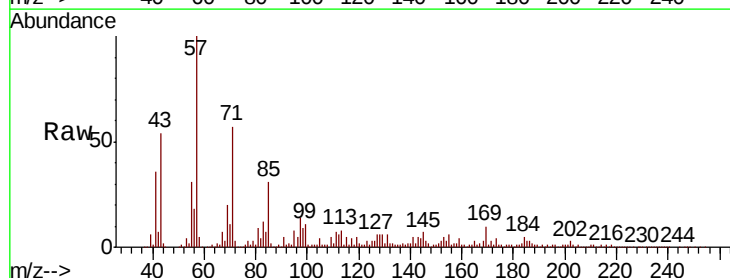
Tgt Ion:169 Resp: 131592

Ion Ratio Lower Upper

169 100

168 29.8 53.8 80.8#

167 16.4 29.5 44.3#



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

150000

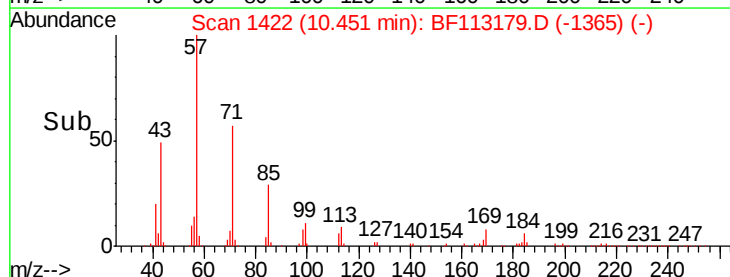
100000

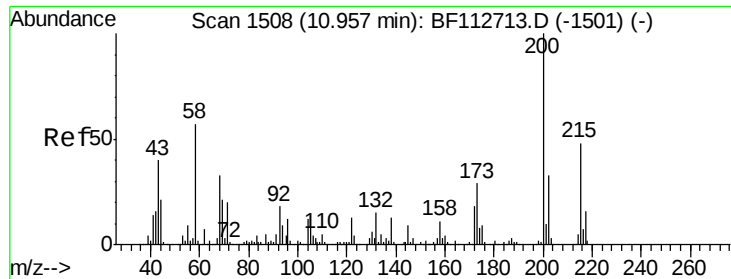
50000

0

10.44 10.46 10.48

Time-->





#69

Atrazine

Concen: 17.490 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.05 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

ClientSampleId :

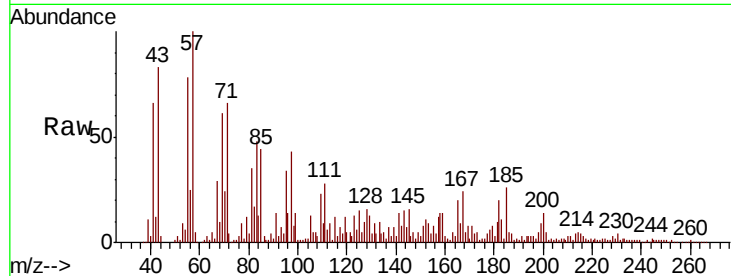
Tot Ion:200 Resp: 54581

Ion Ratio Lower Upper

200 100

173 39.6 8.2 48.2

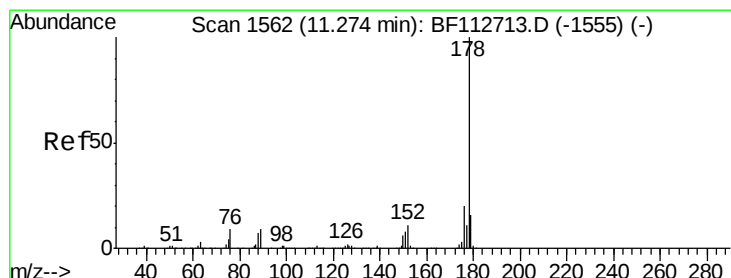
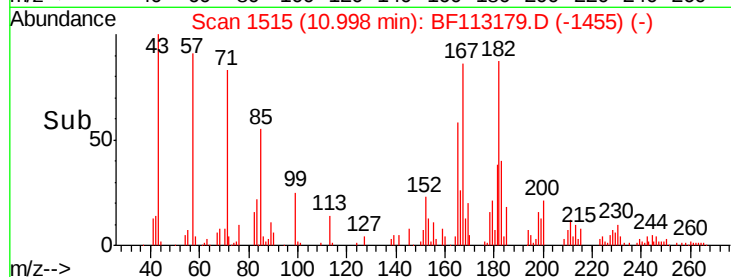
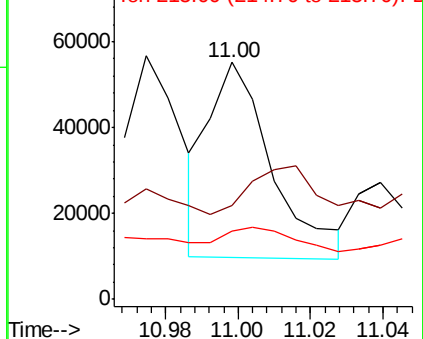
215 28.8 28.3 68.3



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: 8.373 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.03 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

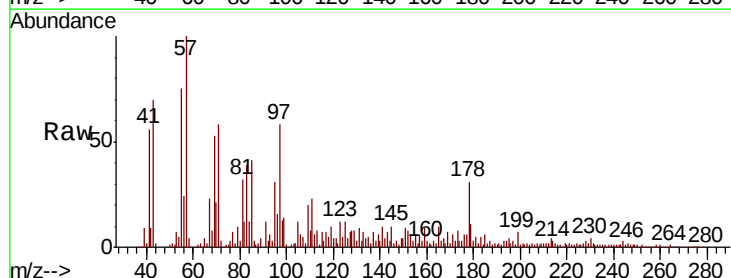
Tgt Ion:178 Resp: 132347

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

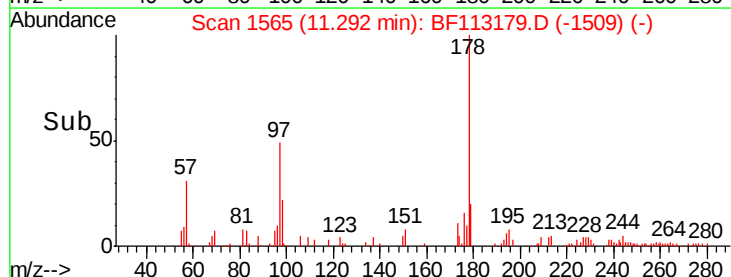
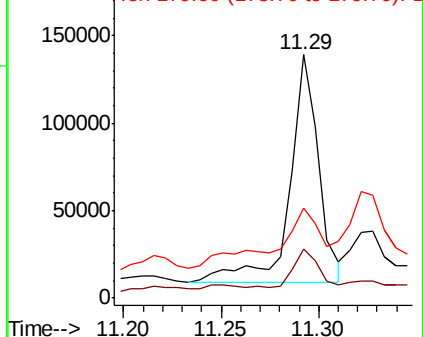
179 36.8 13.0 19.4#

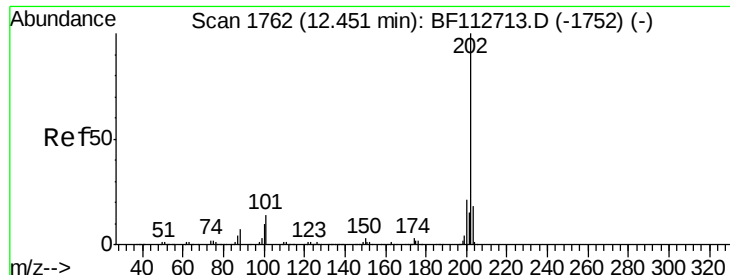


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.900 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.25 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

ClientSampleId :

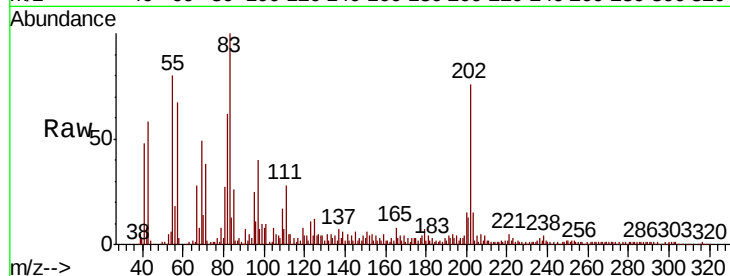
Tot Ion:202 Resp: 133785

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.9

203 19.9 0.0 38.4

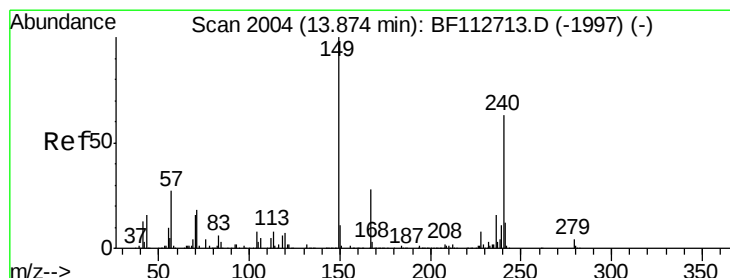
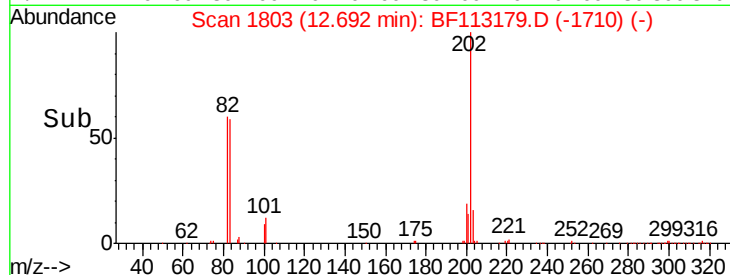
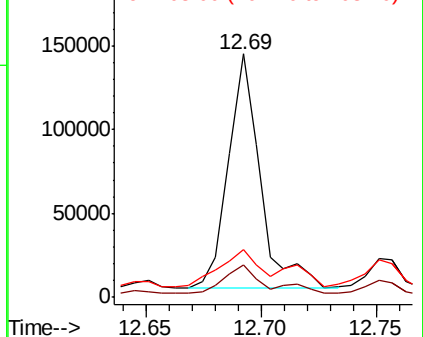


Abundance

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. 0.01 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

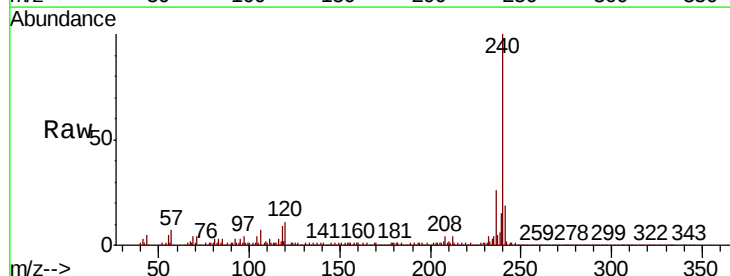
Tgt Ion:240 Resp: 352331

Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 26.3 21.2 31.8

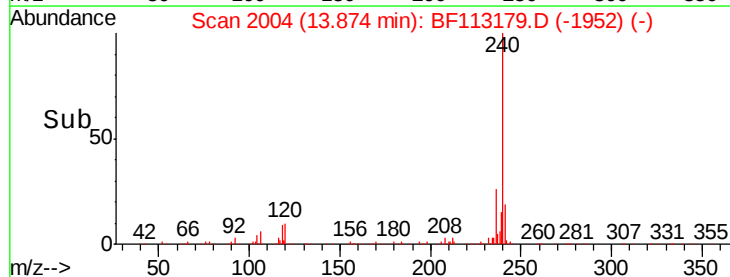
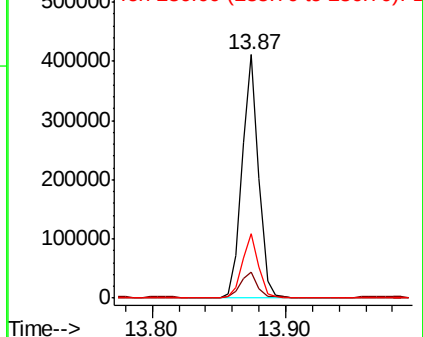


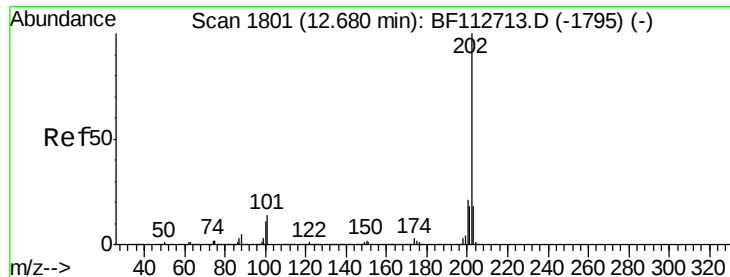
Abundance

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

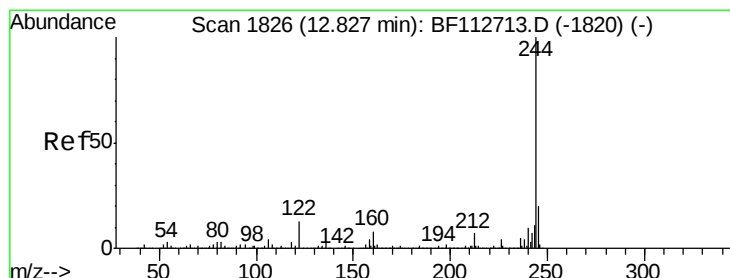
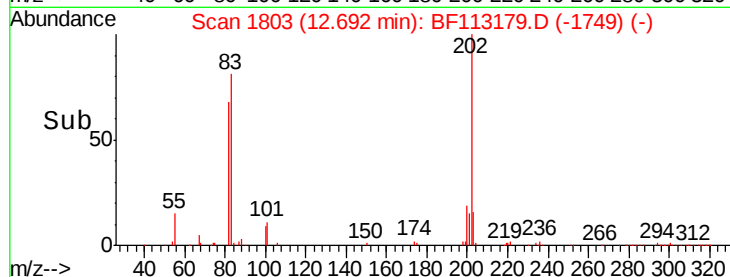
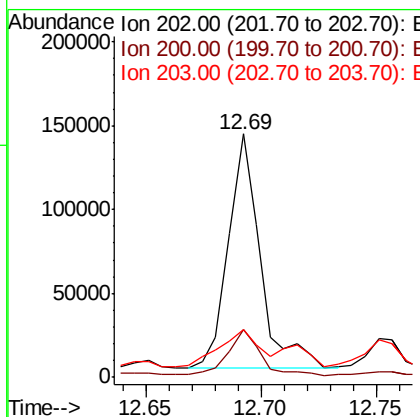
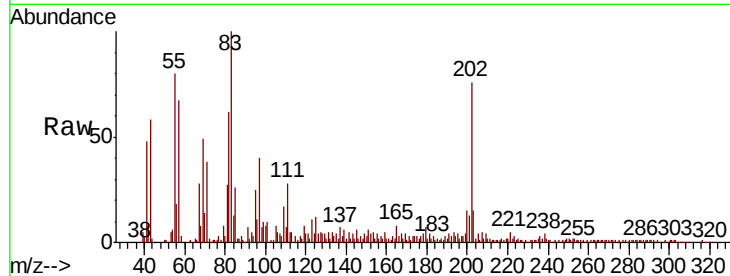




#78
Pvrene
Concen: 4.520 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.02 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

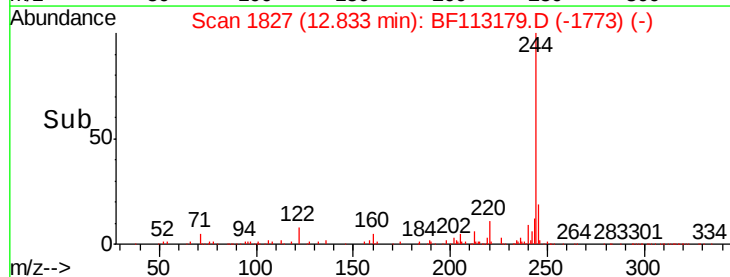
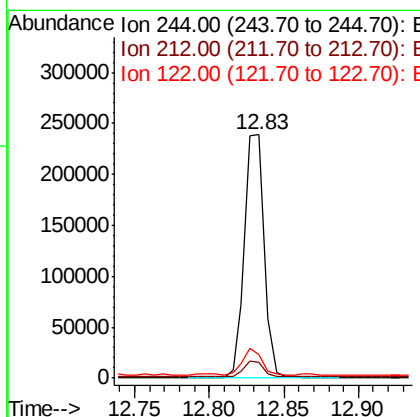
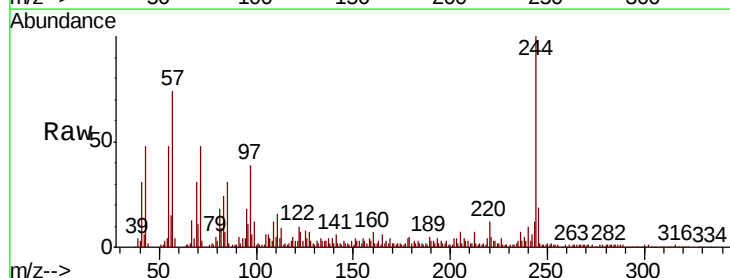
Instrument :
BNA_F
ClientSampleId :

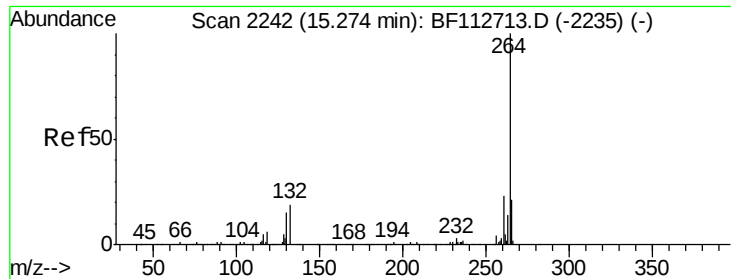
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.1	25.7
203	19.9	14.6	21.8



#79
Terphenyl-d14
Concen: 12.074 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.7	9.4	14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.7	26.5

