

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113170.D
 Acq On : 20 Mar 2019 14:45
 Operator : JU/SJ
 Sample : K1994-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:20:55 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	6.72	152	138964	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	306380	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	167565	20.00	ng	0.02
64) Phenanthrene-d10	11.27	188	339784	20.00	ng	0.04
76) Chrysene-d12	13.87	240	388248	20.00	ng	0.00
87) Perylene-d12	15.28	264	356115	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	741669	83.02	ng	0.00
7) Phenol-d6	6.37	99	992662	88.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	648489	126.65	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	215830	121.33	ng	0.03
45) 2-Fluorobiphenyl	9.10	172	883570	88.26	ng	0.01
79) Terphenyl-d14	12.83	244	1036436	51.75	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.22	117	16707	4.234	ng	# 1
19) n-Nitroso-di-n-propylamine	7.13	70	18642	2.623	ng	# 49
22) Acetophenone	7.12	105	138360	19.313	ng	# 38
25) Isophorone	7.54	82	121058	10.975	ng	# 1
26) 2-Nitrophenol	7.65	139	7839	3.304	ng	# 1
28) bis(2-Chloroethoxy)methane	7.77	93	23827	3.455	ng	# 1
29) 2,4-Dichlorophenol	7.86	162	10632	2.484	ng	# 6
31) Naphthalene	8.03	128	71971	4.731	ng	# 58
35) Caprolactam	8.46	113	133399	88.497	ng	# 29
36) 4-Chloro-3-methylphenol	8.55	107	16148	3.409	ng	# 37
37) 2-Methylnaphthalene	8.73	142	365076	37.165	ng	# 95
38) 1-Methylnaphthalene	8.83	142	227869	23.947	ng	# 95
43) 2,4,6-Trichlorophenol	9.03	196	11182	3.325	ng	# 17
44) 2,4,5-Trichlorophenol	9.07	196	9641	2.652	ng	# 1
46) 1,1'-Biphenyl	9.19	154	106693	7.806	ng	# 97
48) 2-Nitroaniline	9.33	65	8927	2.752	ng	# 28
50) Dimethylphthalate	9.49	163	85607	6.929	ng	# 75
51) 2,6-Dinitrotoluene	9.56	165	13955	5.424	ng	# 70
52) Acenaphthene	9.81	154	24009	2.266	ng	# 49
53) 3-Nitroaniline	9.77	138	24194	7.717	ng	# 56
54) 2,4-Dinitrophenol	9.84	184	328	6.740	ng	# 1
55) Dibenzofuran	9.99	168	44715	2.904	ng	# 1
56) 4-Nitrophenol	9.89	139	29035	11.395	ng	# 1
57) 2,4-Dinitrotoluene	9.99	165	14298	4.471	ng	# 60
58) Fluorene	10.33	166	81224	7.432	ng	# 51
60) Diethylphthalate	10.20	149	47356	3.629	ng	# 49
61) 4-Chlorophenyl-phenylether	10.27	204	10794	2.123	ng	# 1
62) 4-Nitroaniline	10.30	138	25401	8.768	ng	# 51
63) Azobenzene	10.49	77	37432	2.801	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.40	198	832	5.151	ng	# 1
66) n-Nitrosodiphenylamine	10.45	169	217287	19.940	ng	# 59
69) Atrazine	10.97	200	28966	8.679	ng	# 67
71) Phenanthrene	11.29	178	148312	8.773	ng	# 73
72) Anthracene	11.39	178	126083	7.125	ng	# 1

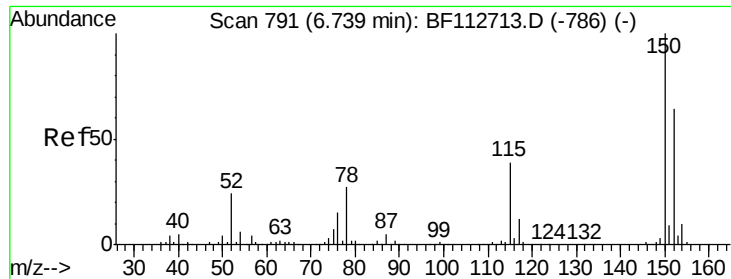
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113170.D
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Operator : JU/SJ
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QLast Update : Thu Mar 21 12:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.69	202	164727	5.033	ng	95
84) Bis(2-ethylhexyl)phthalate	13.86	149	80288	4.738	ng	97

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

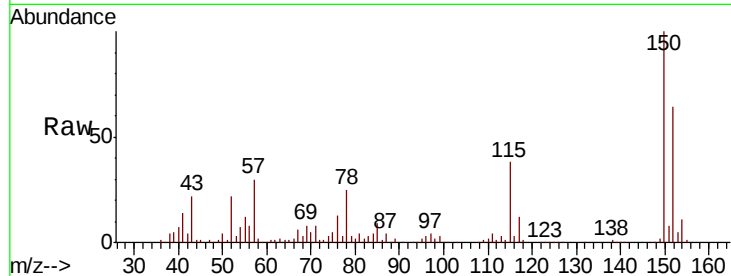


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.0	184.6
115	60.0	45.9	68.9

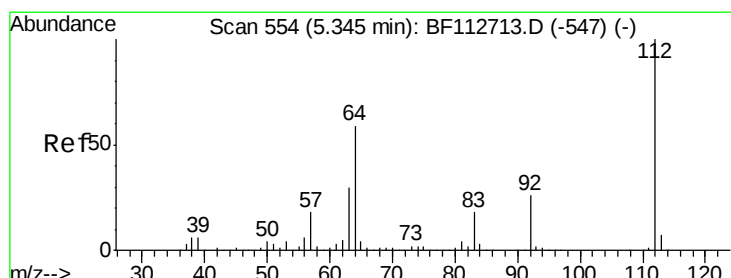
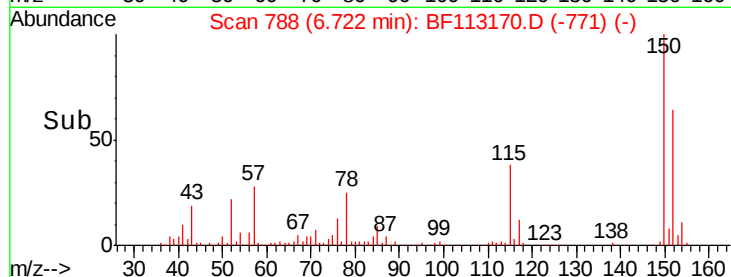
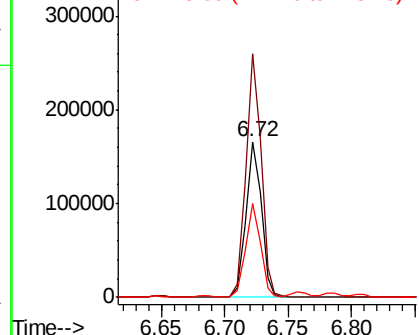


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

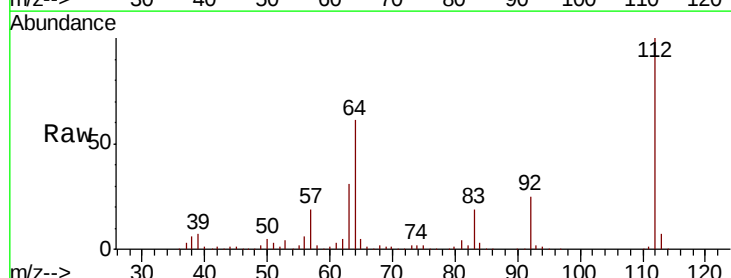
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.021 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	49.3	73.9
63	30.9	25.4	38.2

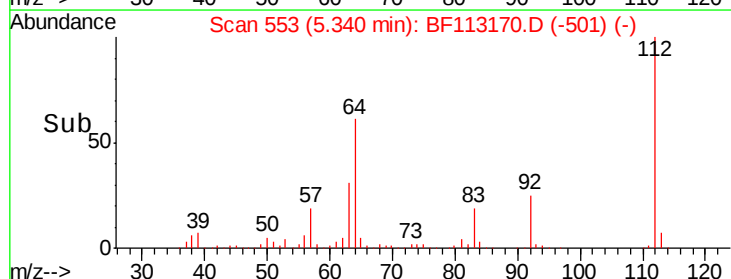
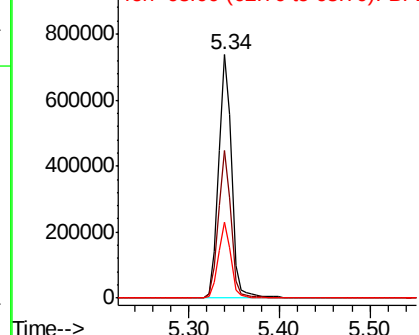


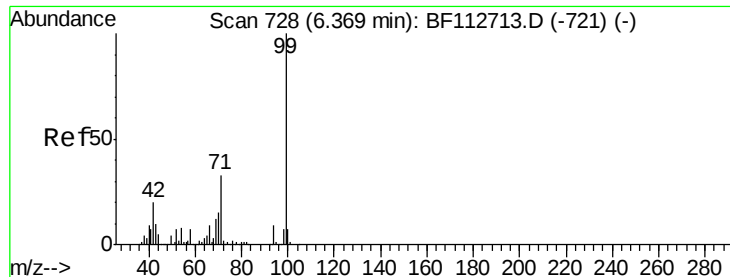
Abundance

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: 88.458 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampleId :

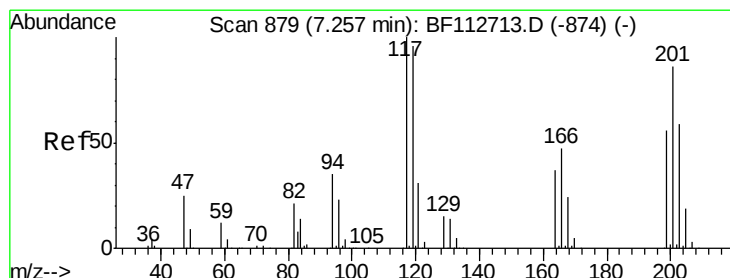
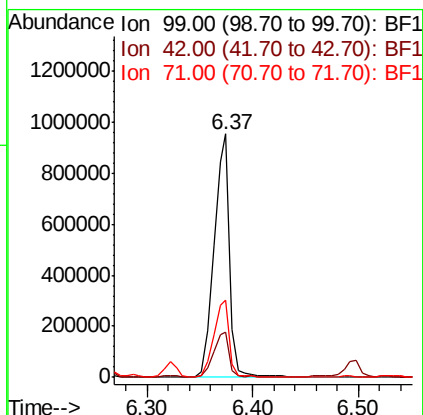
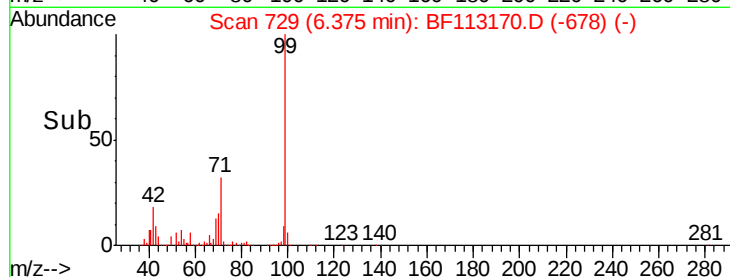
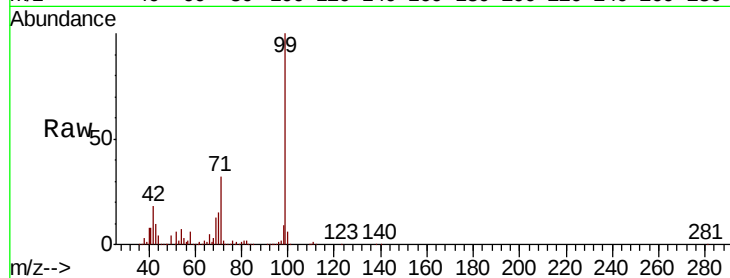
Tot Ion: 99 Resp: 992662

Ion Ratio Lower Upper

99 100

42 18.4 15.2 22.8

71 31.9 25.7 38.5



#18

Hexachloroethane

Concen: 4.234 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

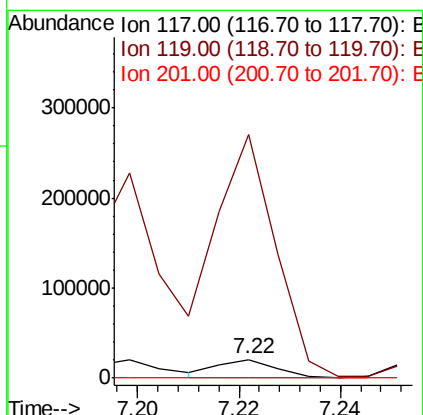
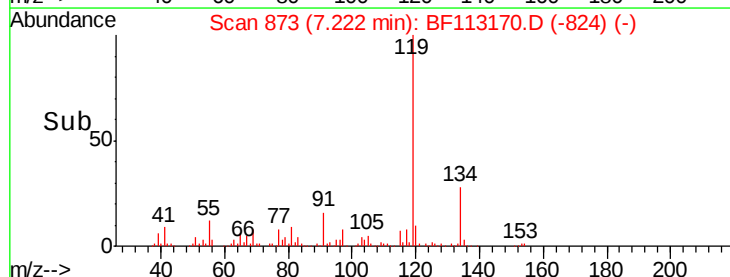
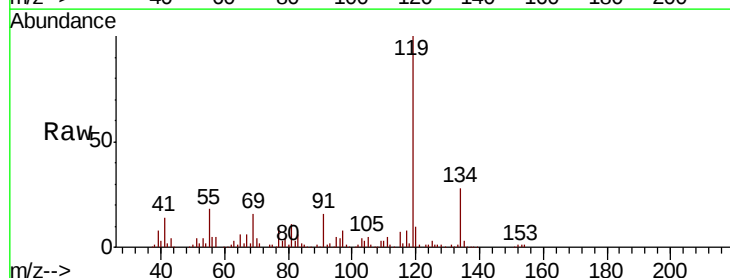
Tgt Ion: 117 Resp: 16707

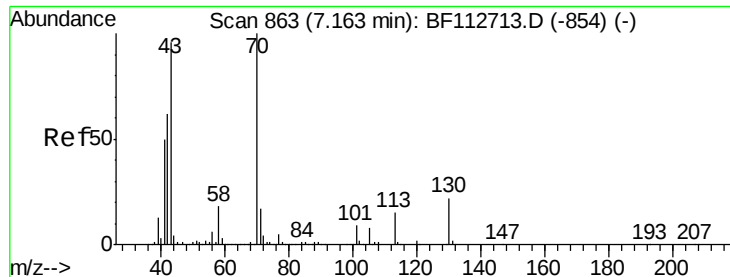
Ion Ratio Lower Upper

117 100

119 1301.2 77.1 115.7#

201 0.0 78.1 117.1#

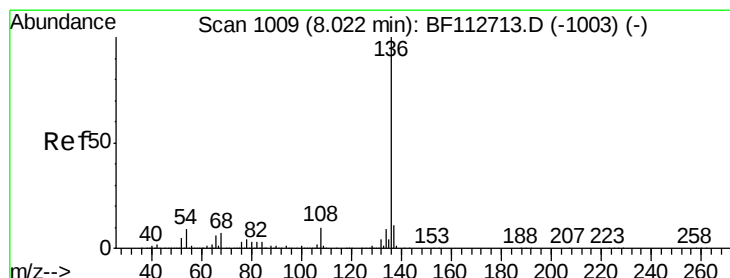
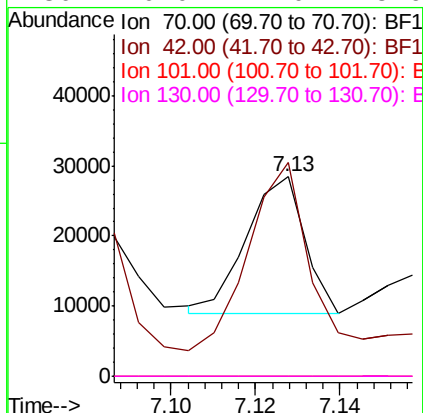
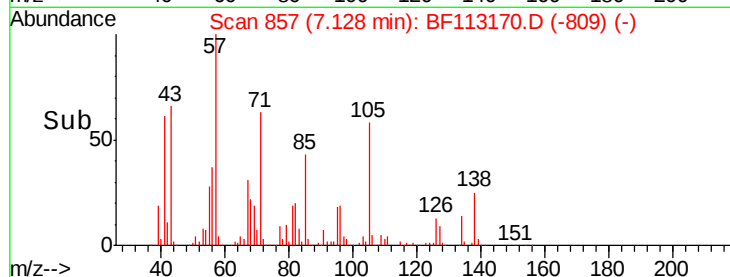
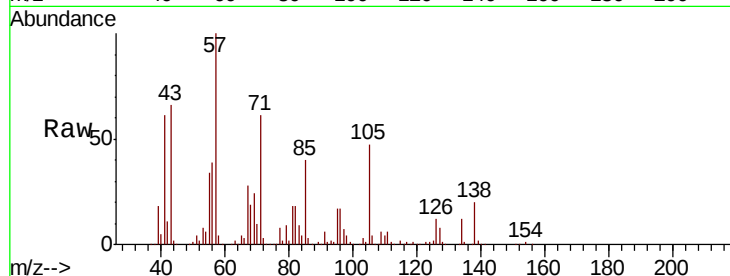




#19
n-Nitroso-di-n-propylamine
Concen: 2.623 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

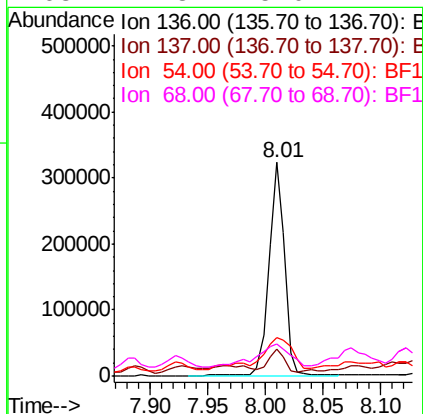
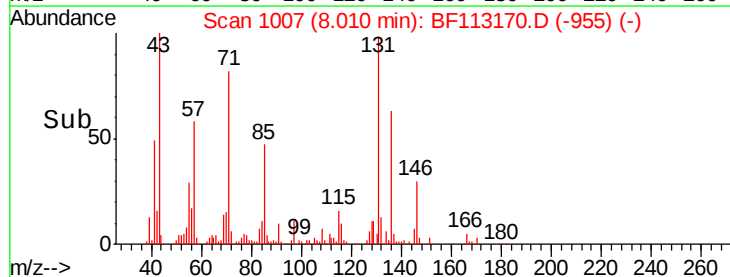
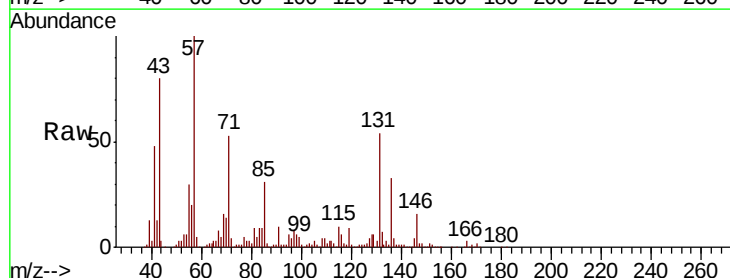
Instrument :
BNA_F
ClientSampled :

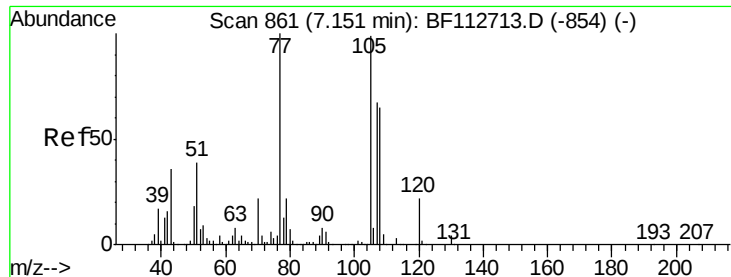
Tot Ion: 70 Resp: 18642
Ion Ratio Lower Upper
70 100
42 107.1 50.4 75.6#
101 0.0 7.5 11.3#
130 0.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion: 136 Resp: 306380
Ion Ratio Lower Upper
136 100
137 12.7 8.9 13.3
54 18.3 7.0 10.6#
68 14.8 5.0 7.4#





#22

Acetophenone

Concen: 19.313 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 138360

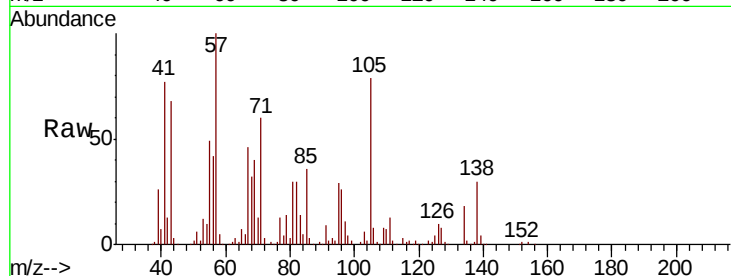
Ion Ratio Lower Upper

105 100

71 75.7 4.6 6.8#

51 7.2 27.4 41.0#

120 0.2 18.2 27.4#

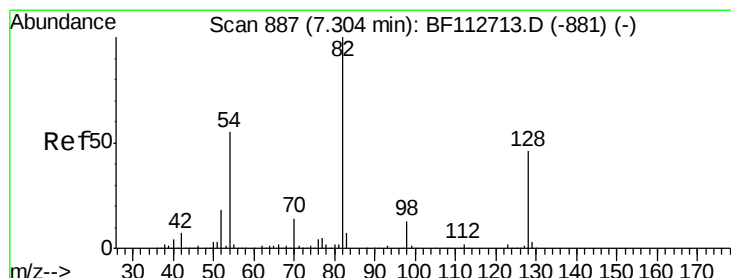
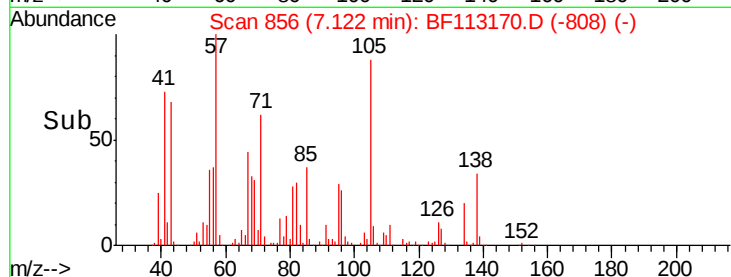
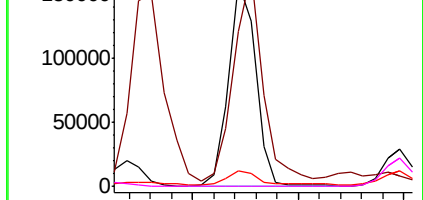


Abundance Ion 105.00 (104.70 to 105.70): E

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: 126.654 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

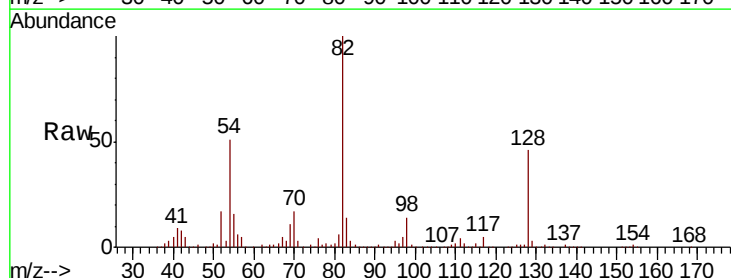
Tgt Ion: 82 Resp: 648489

Ion Ratio Lower Upper

82 100

128 45.9 37.9 56.9

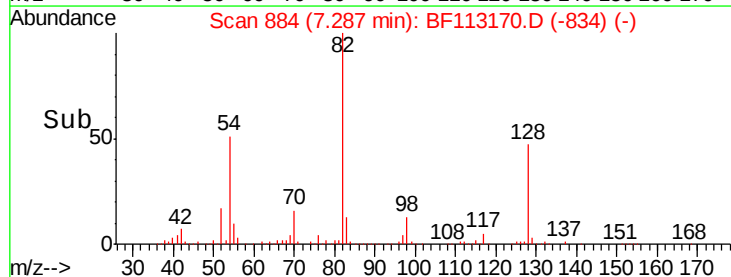
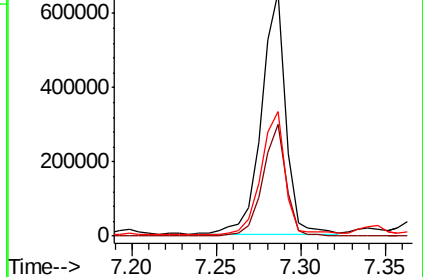
54 51.2 41.2 61.8

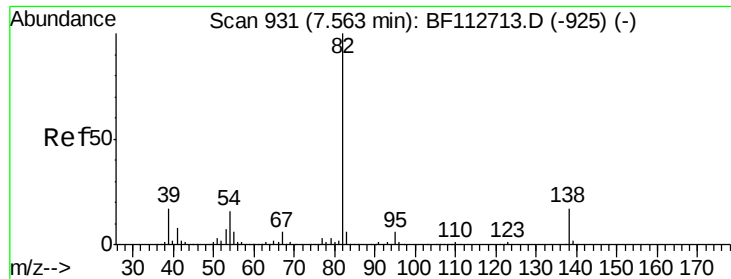


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 10.975 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampled :

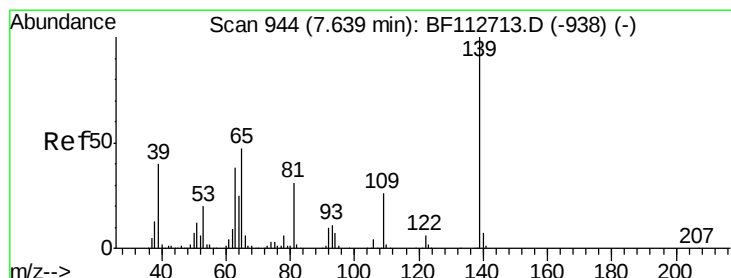
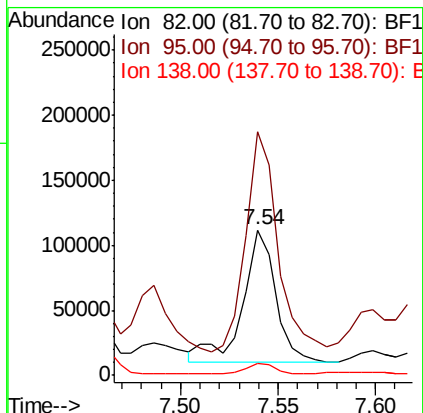
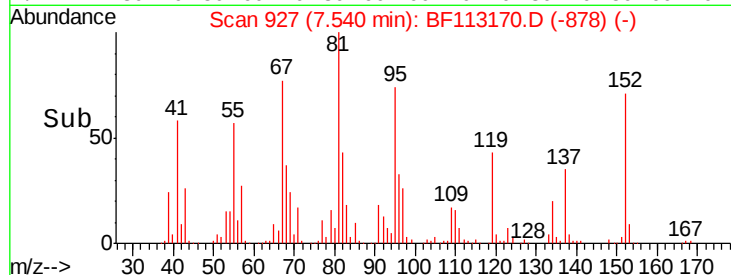
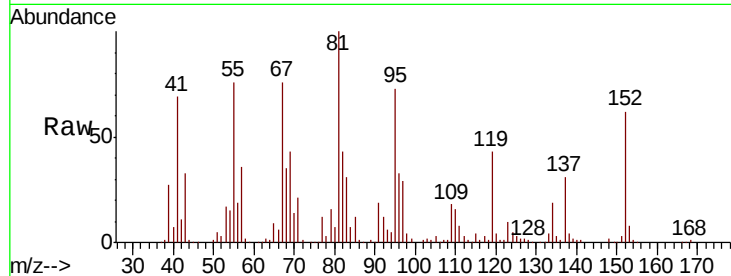
Tot Ion: 82 Resp: 121058

Ion Ratio Lower Upper

82 100

95 167.2 5.6 8.4#

138 8.5 14.5 21.7#



#26

2-Nitrophenol

Concen: 3.304 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.02 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

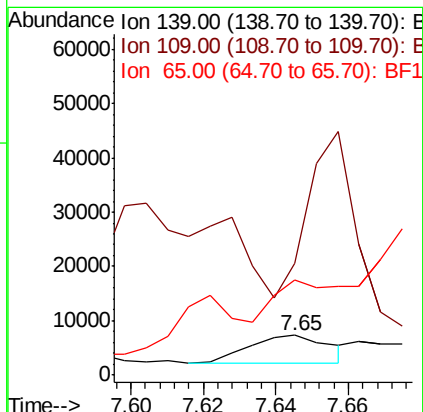
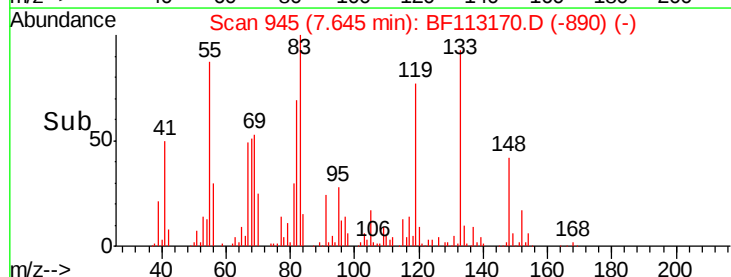
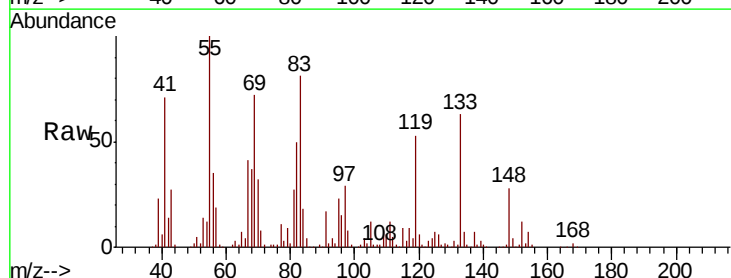
Tgt Ion: 139 Resp: 7839

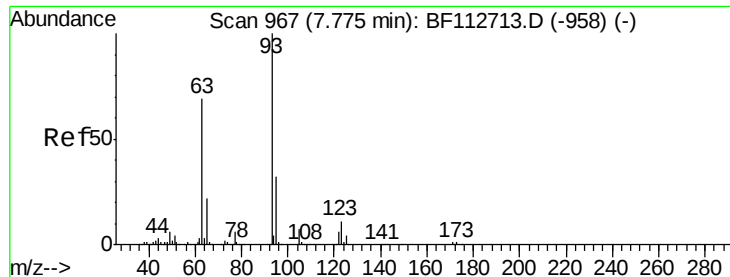
Ion Ratio Lower Upper

139 100

109 282.0 21.4 32.0#

65 241.0 40.4 60.6#

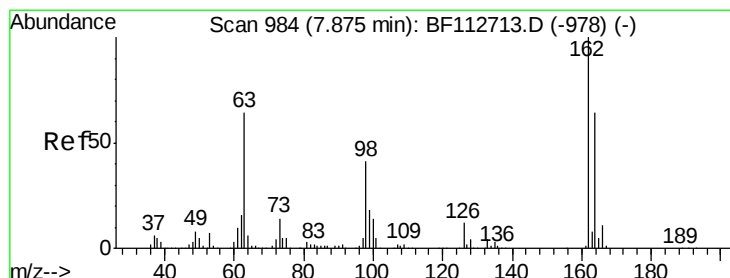
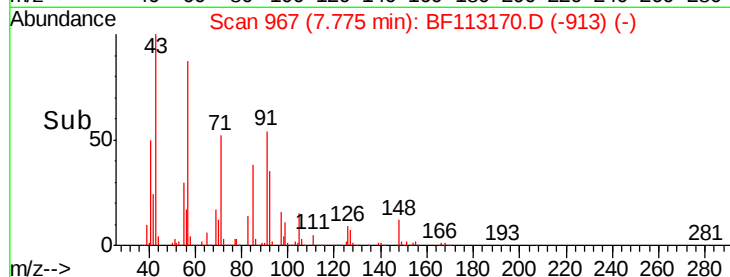
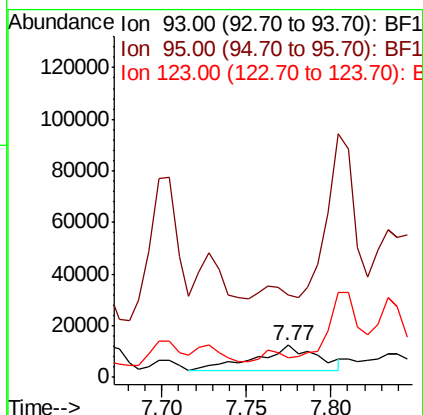
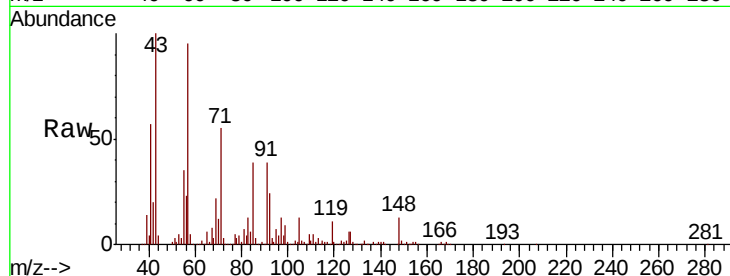




#28
bis(2-Chloroethoxy)methane
Concen: 3.455 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.02 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

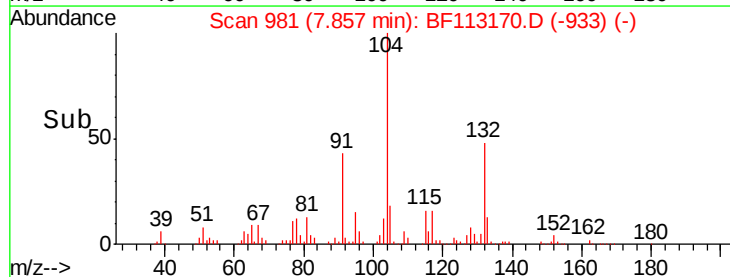
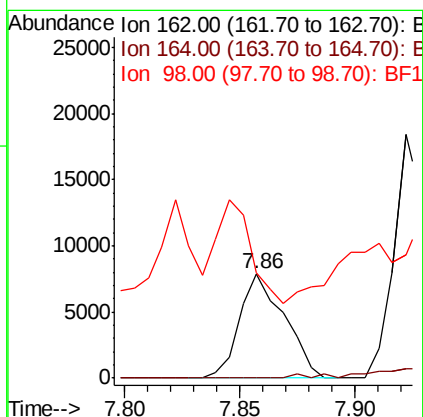
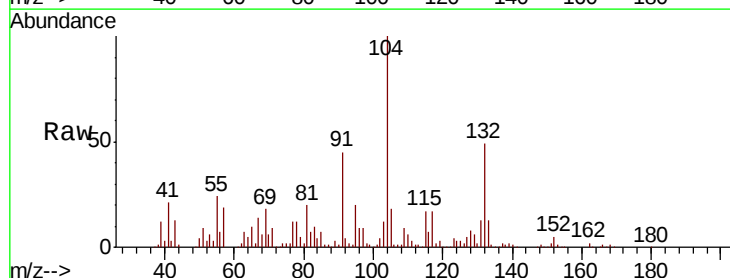
Instrument :
BNA_F
ClientSampled :

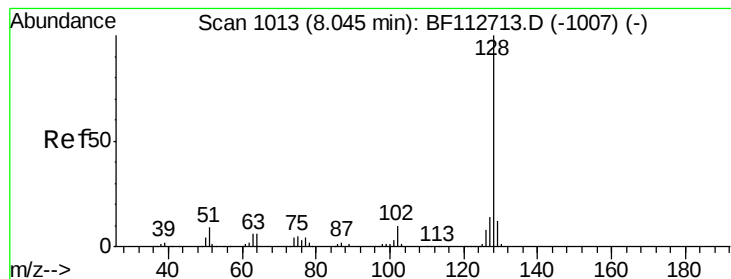
Tot Ion: 93 Resp: 23827
Ion Ratio Lower Upper
93 100
95 255.5 26.7 40.1#
123 60.0 9.2 13.8#



#29
2,4-Dichlorophenol
Concen: 2.484 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion: 162 Resp: 10632
Ion Ratio Lower Upper
162 100
164 0.0 45.3 85.3#
98 100.5 14.6 54.6#





#31

Naphthalene

Concen: 4.731 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampleId :

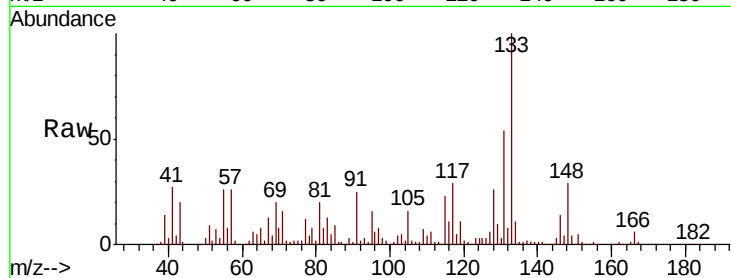
Tot Ion:128 Resp: 71971

Ion Ratio Lower Upper

128 100

129 37.1 9.4 14.0#

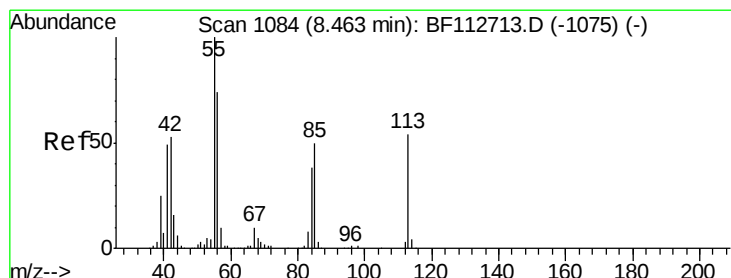
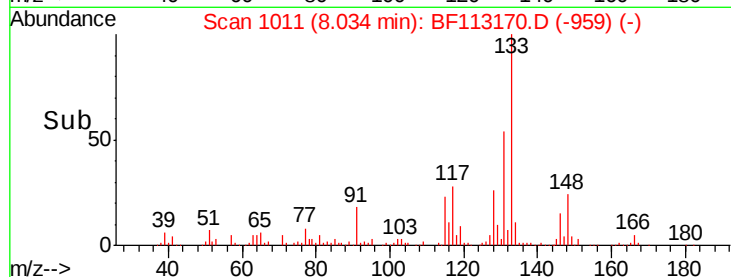
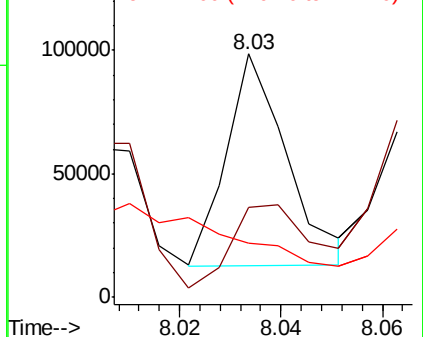
127 22.3 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#35

Caprolactam

Concen: 88.497 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

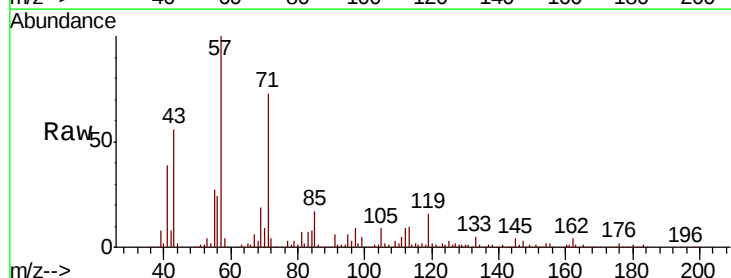
Tgt Ion:113 Resp: 133399

Ion Ratio Lower Upper

113 100

55 266.0 159.2 199.2#

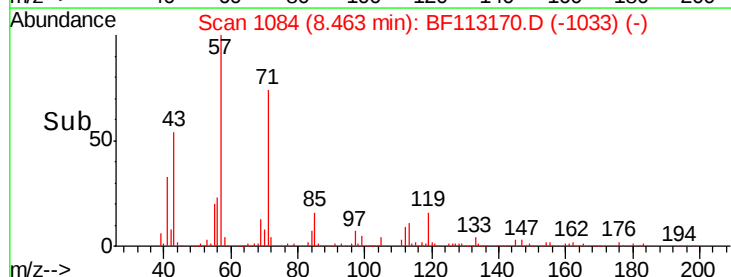
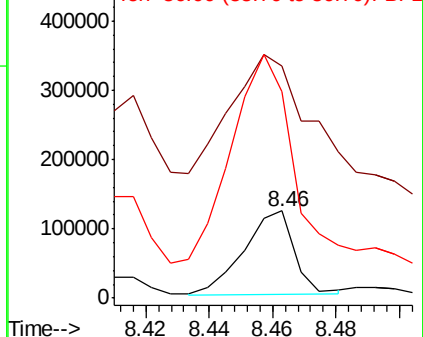
56 236.8 115.8 155.8#

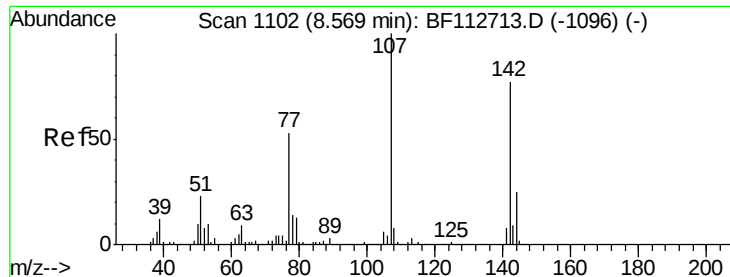


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

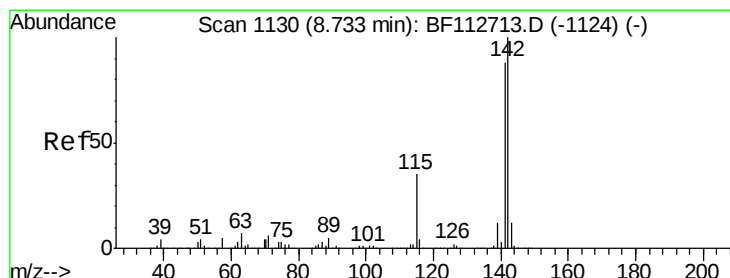
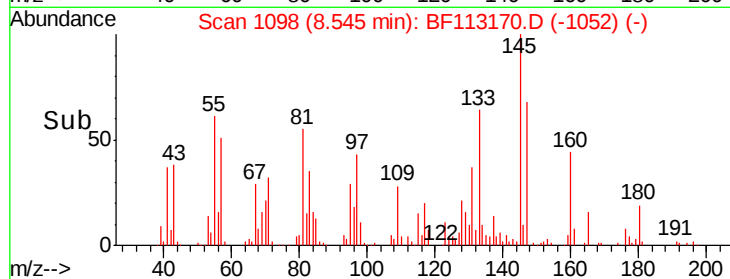
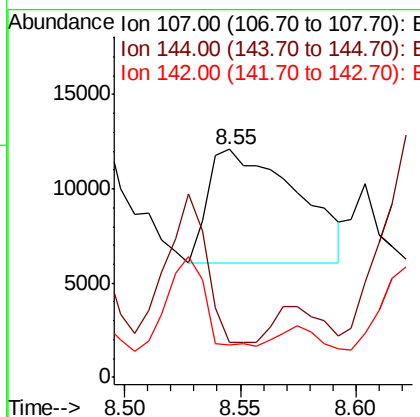
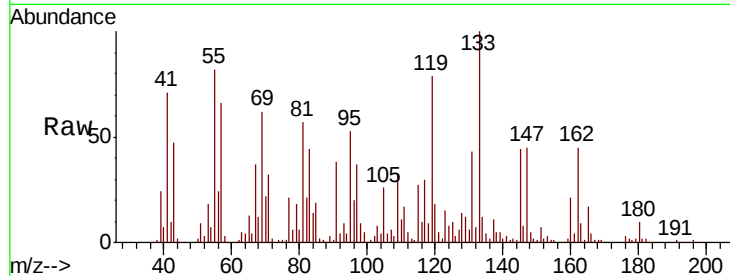




#36
 4-Chloro-3-methylphenol
 Concen: 3.409 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

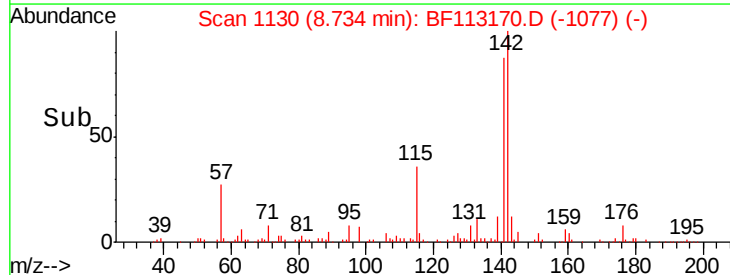
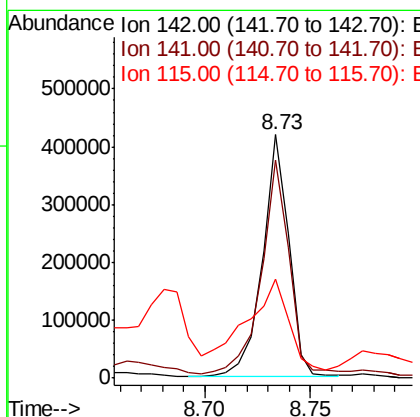
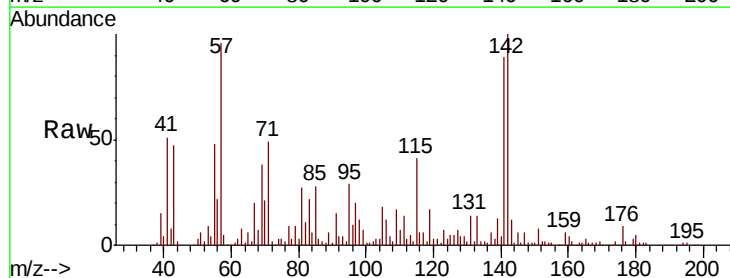
Instrument :
 BNA_F
 ClientSampleId :

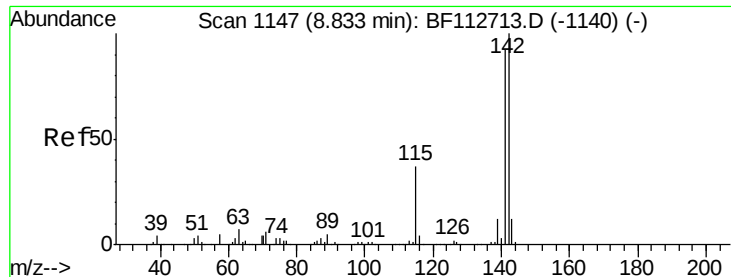
Tot Ion:107 Resp: 16148
 Ion Ratio Lower Upper
 107 100
 144 15.4 21.1 31.7#
 142 14.2 65.8 98.8#



#37
 2-Methylnaphthalene
 Concen: 37.165 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Tgt Ion:142 Resp: 365076
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.5 105.7
 115 40.6 26.3 39.5#

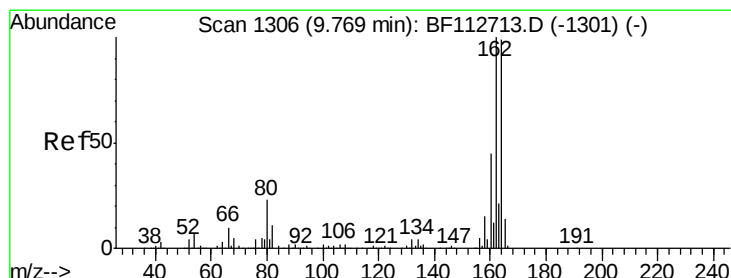
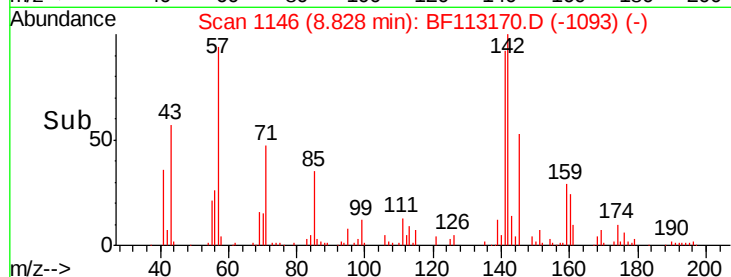
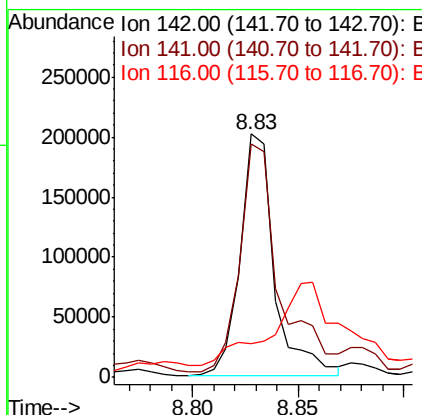
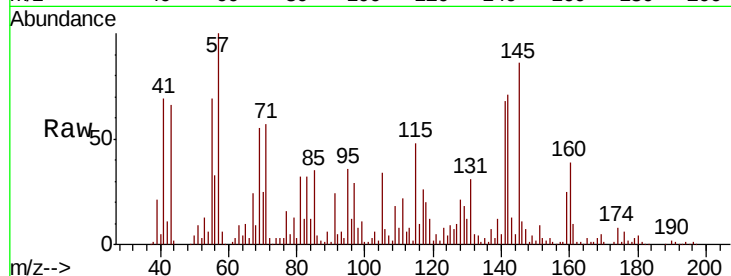




#38
 1-Methylnaphthalene
 Concen: 23.947 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

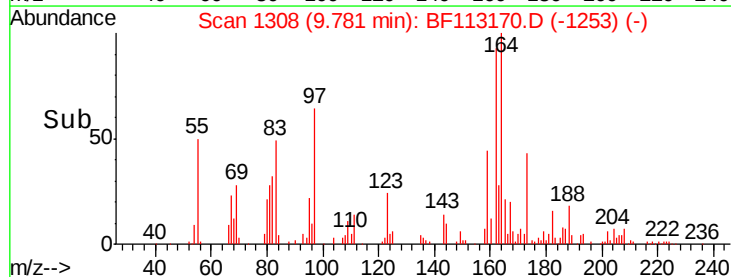
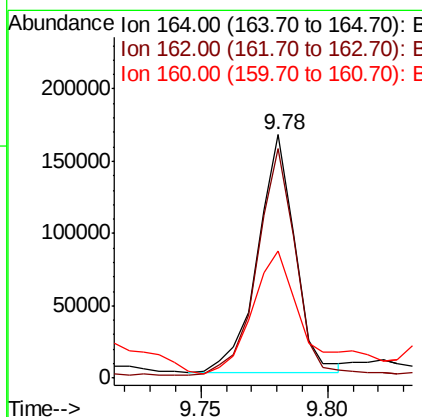
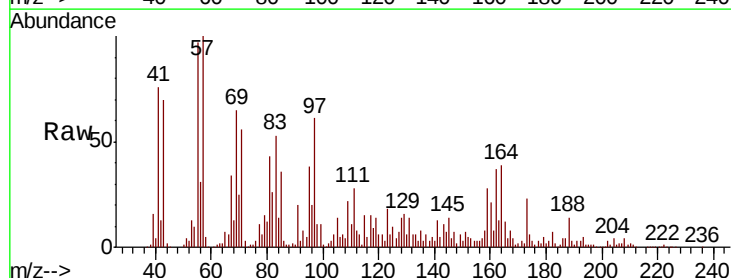
Instrument :
 BNA_F
 ClientSampled :

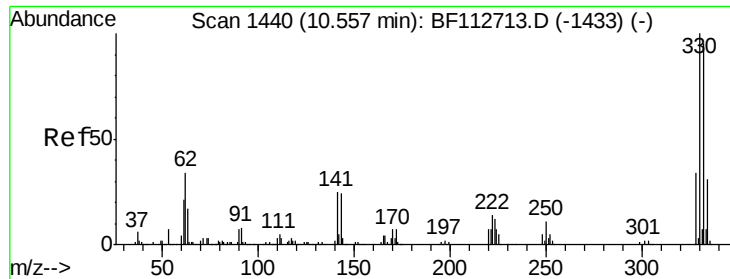
Tot Ion:142 Resp: 227869
 Ion Ratio Lower Upper
 142 100
 141 96.0 73.5 110.3
 116 13.9 3.0 4.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.02 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Tgt Ion:164 Resp: 167565
 Ion Ratio Lower Upper
 164 100
 162 94.1 80.8 121.2
 160 52.3 36.2 54.2

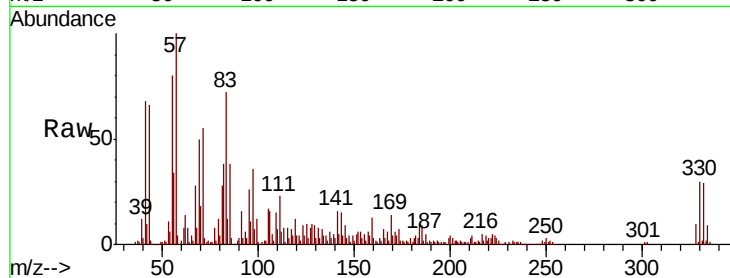




#42
 2,4,6-Tribromophenol
 Concen: 121.327 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.03 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.3	114.5
141	24.4	22.3	33.5

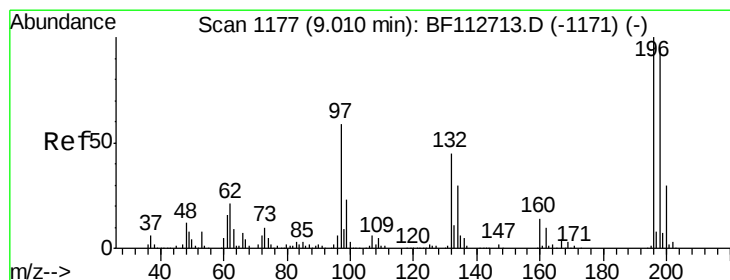
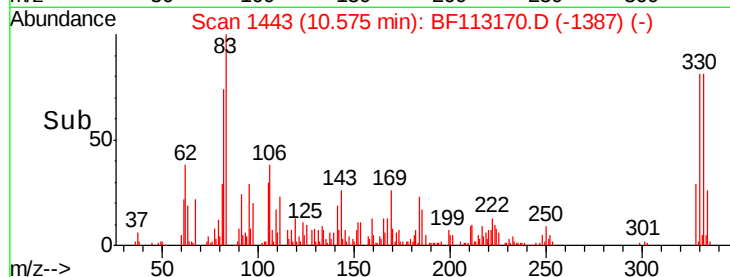
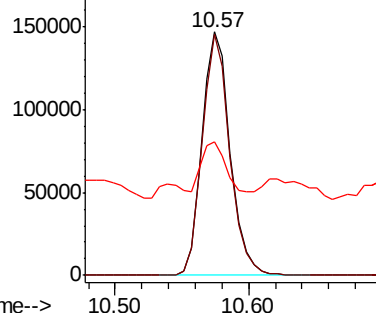


Abundance

Ion 329.80 (329.50 to 330.50): E

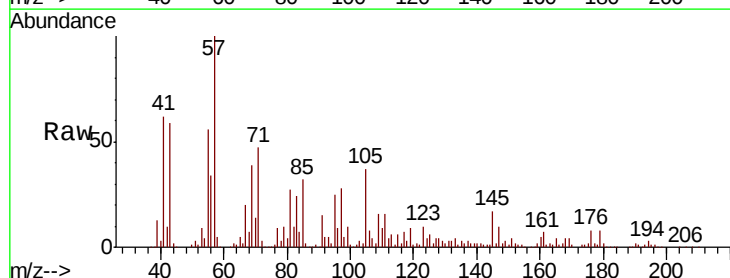
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 3.325 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.02 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	6.6	77.3	115.9#
200	0.0	25.8	38.8#

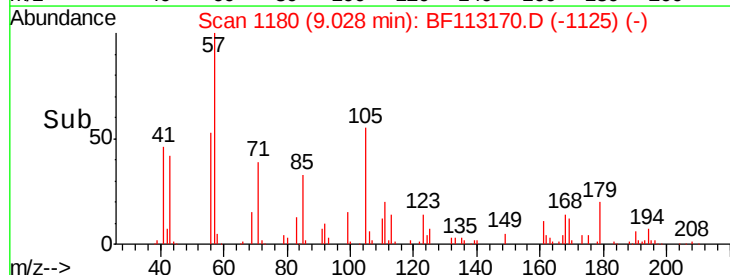
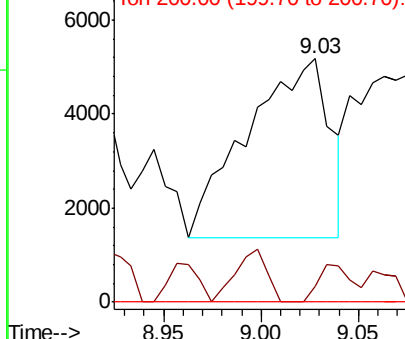


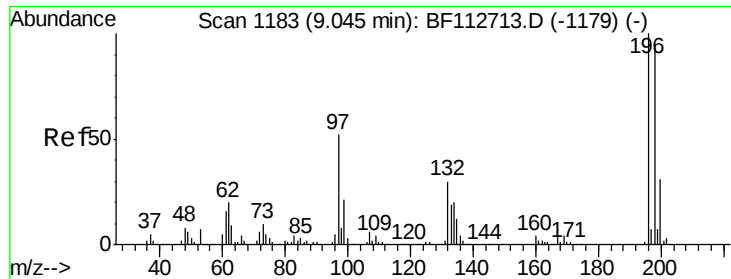
Abundance

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

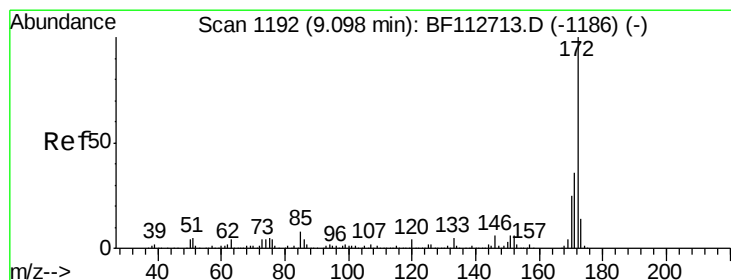
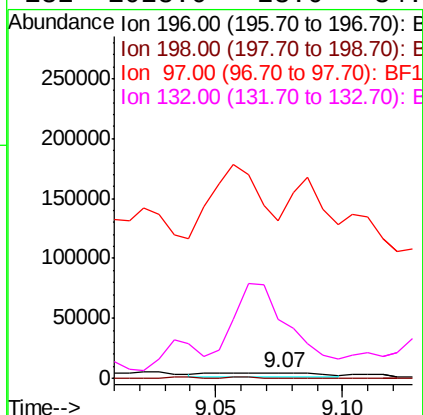
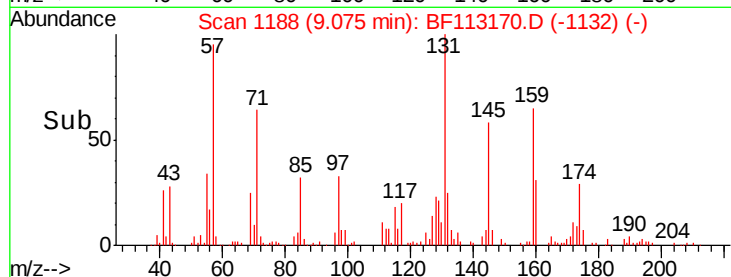
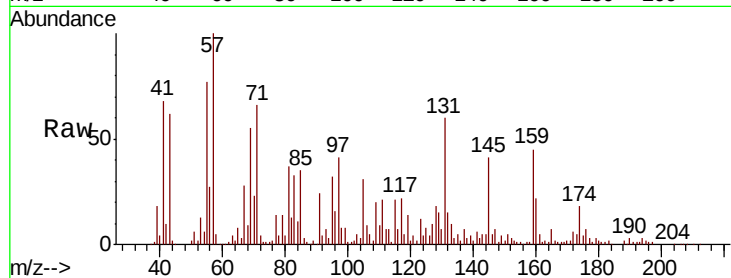




#44
2,4,5-Trichlorophenol
Concen: 2.652 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.03 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

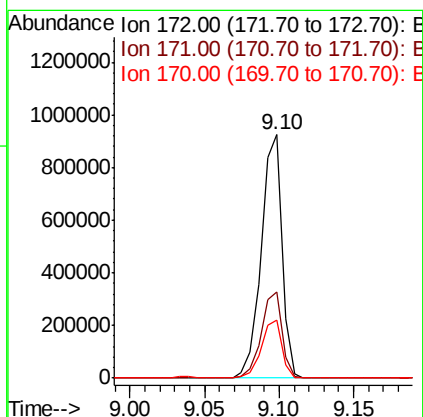
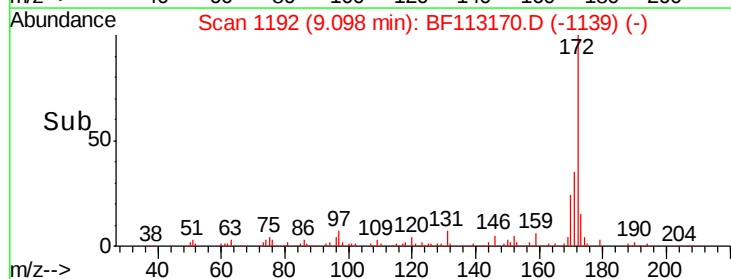
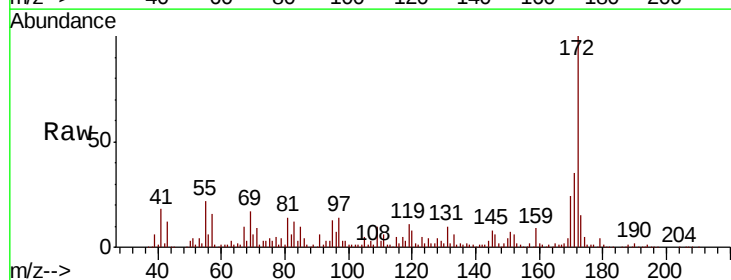
Instrument :
BNA_F
ClientSampled :

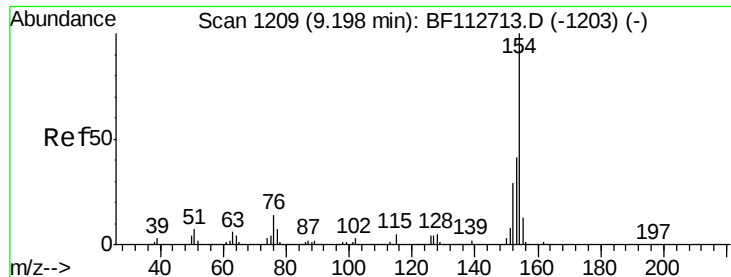
Tot Ion:196 Resp: 9641
Ion Ratio Lower Upper
196 100
198 0.0 74.8 112.2#
97 2721.8 39.3 58.9#
132 1028.0 23.0 34.6#



#45
2-Fluorobiphenyl
Concen: 88.261 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion:172 Resp: 883570
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.4
170 24.0 20.1 30.1

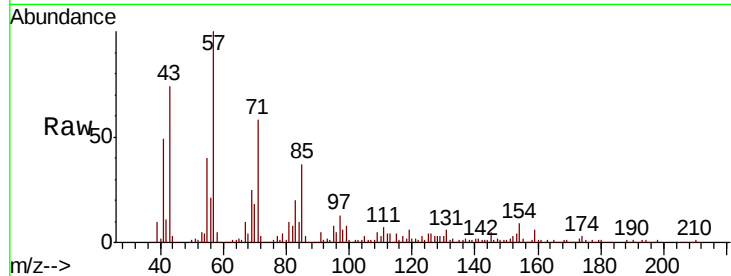




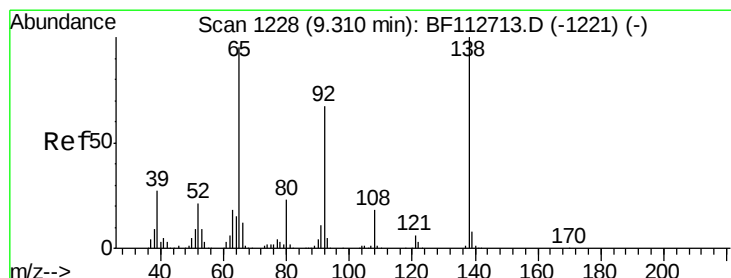
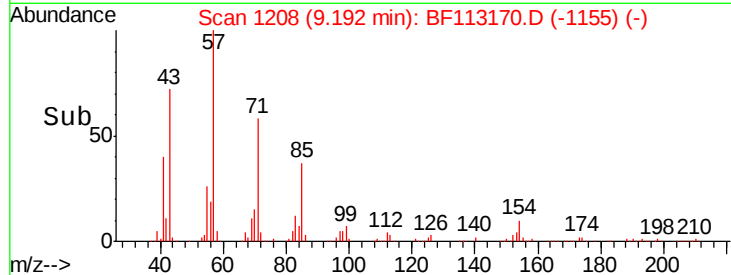
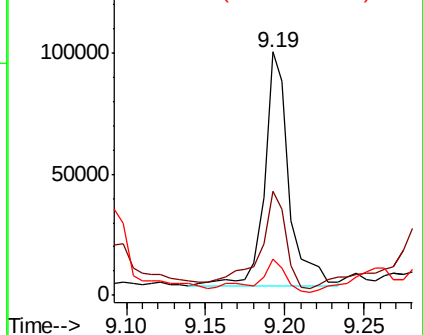
#46
1,1'-Biphenyl
Concen: 7.806 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	20.9	60.9
76	14.7	0.0	33.5

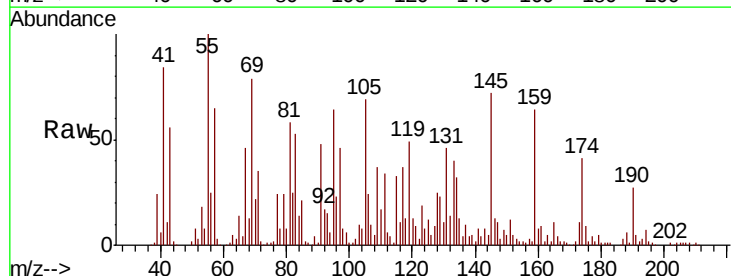


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

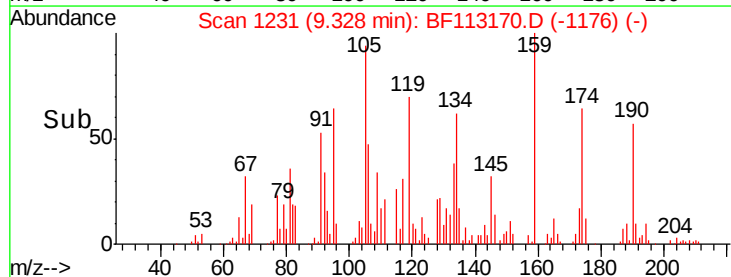
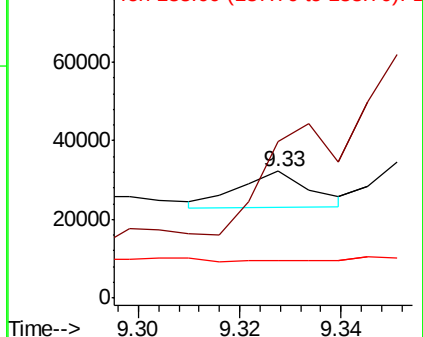


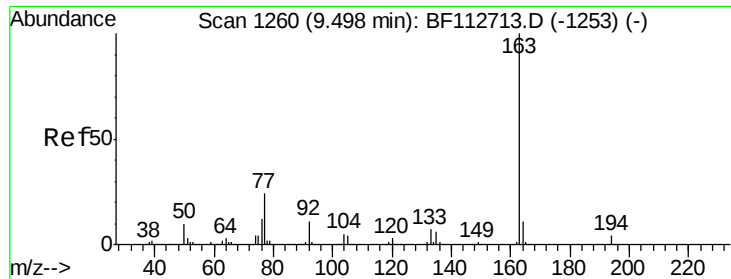
#48
2-Nitroaniline
Concen: 2.752 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.02 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	123.5	56.5	84.7#
138	29.9	90.1	135.1#



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

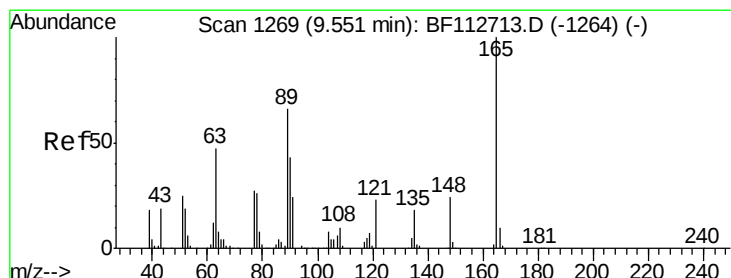
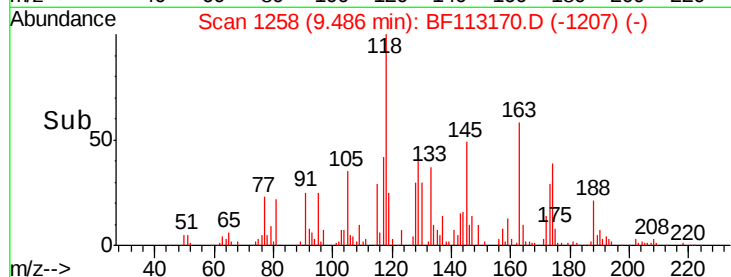
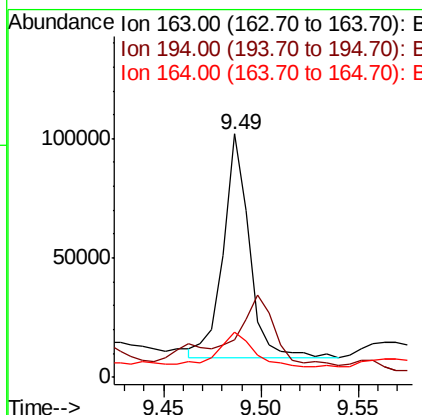
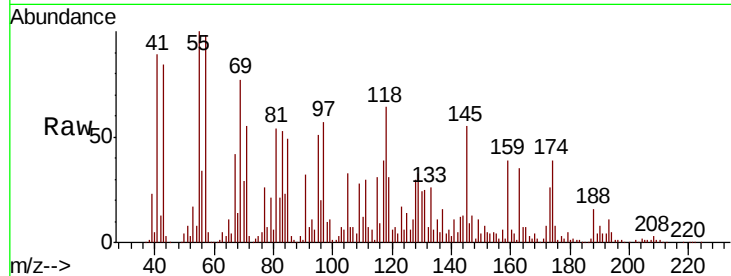




#50
Dimethylphthalate
Concen: 6.929 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

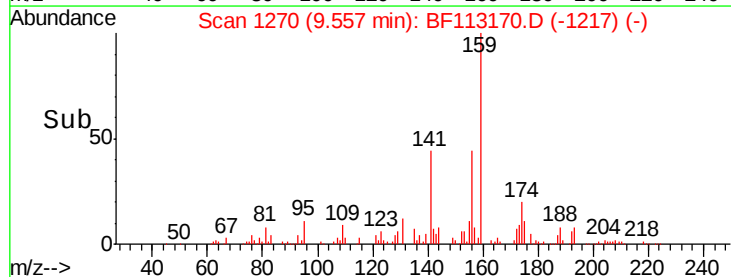
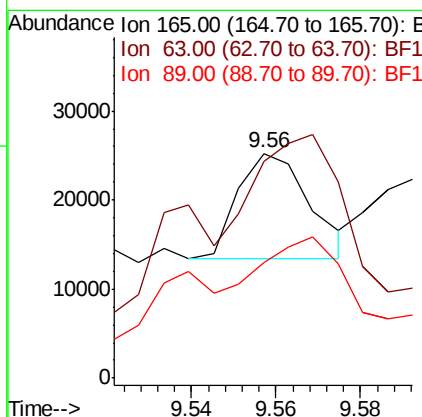
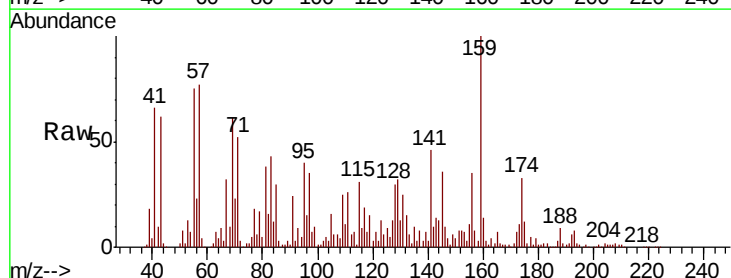
Instrument :
BNA_F
ClientSampleId :

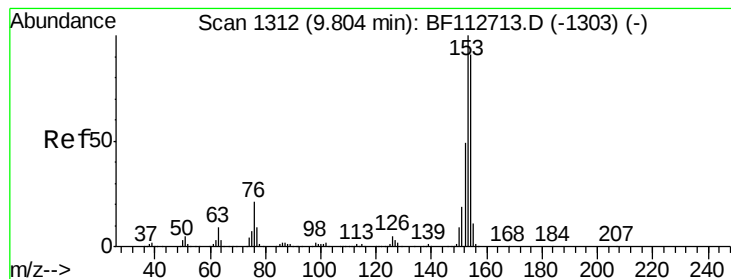
Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	15.6	3.3	4.9#	
164	18.8	8.6	12.8#	



#51
2,6-Dinitrotoluene
Concen: 5.424 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	96.6	45.4	68.2#	
89	51.7	43.8	65.6	





#52

Acenaphthene

Concen: 2.266 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampled :

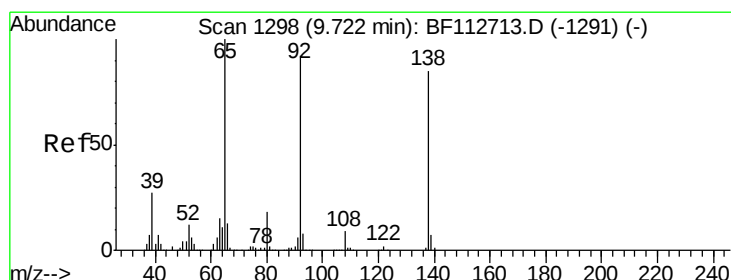
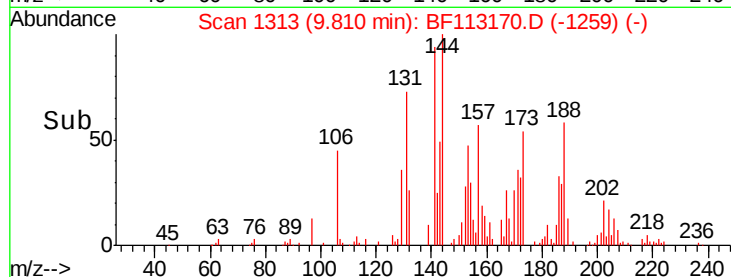
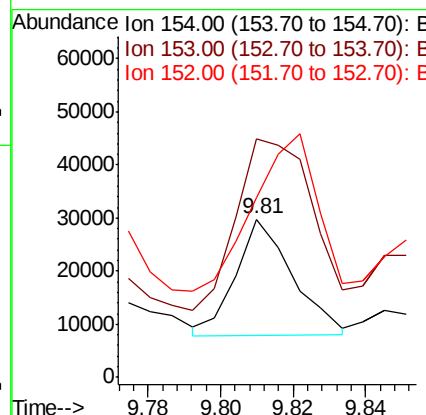
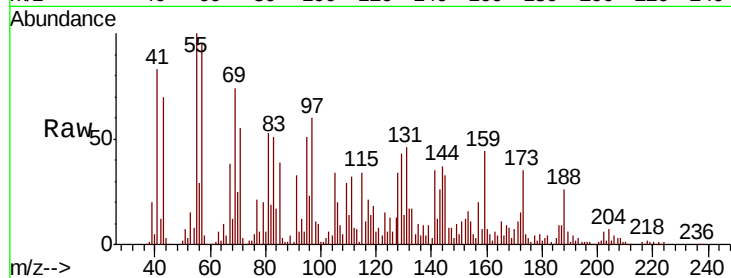
Tot Ion:154 Resp: 24009

Ion Ratio Lower Upper

154 100

153 150.8 89.9 134.9#

152 113.2 43.4 65.2#



#53

3-Nitroaniline

Concen: 7.717 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.05 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

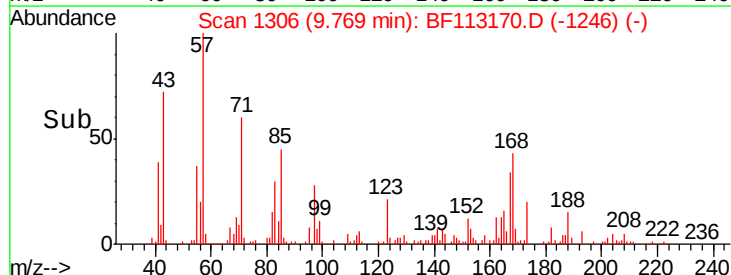
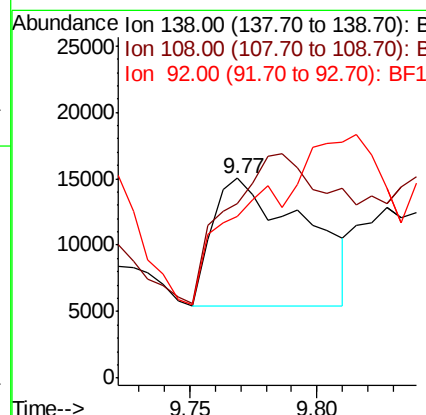
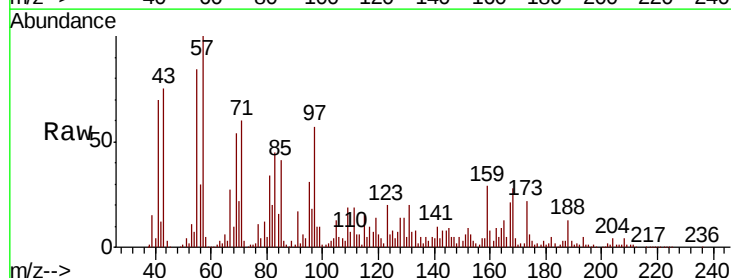
Tgt Ion:138 Resp: 24194

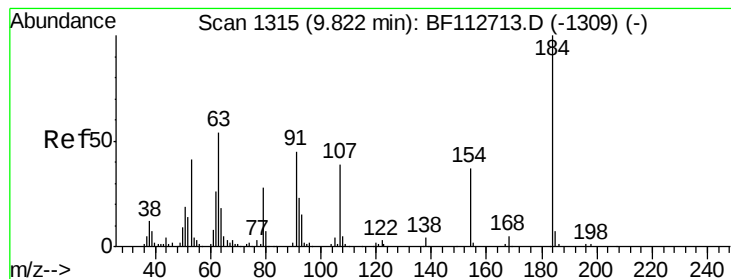
Ion Ratio Lower Upper

138 100

108 87.6 7.9 11.9#

92 80.6 89.0 133.6#





#54

2,4-Dinitrophenol

Concen: 6.740 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampleId :

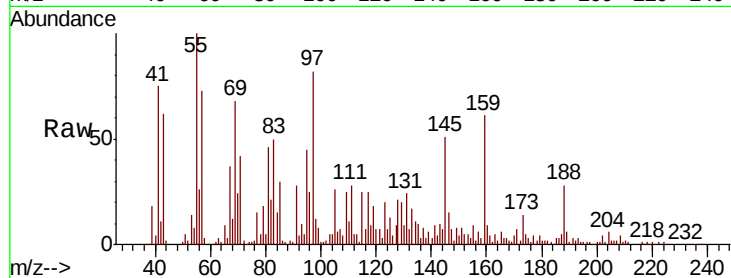
Tot Ion:184 Resp: 328

Ion Ratio Lower Upper

184 100

63 1260.1 52.1 78.1#

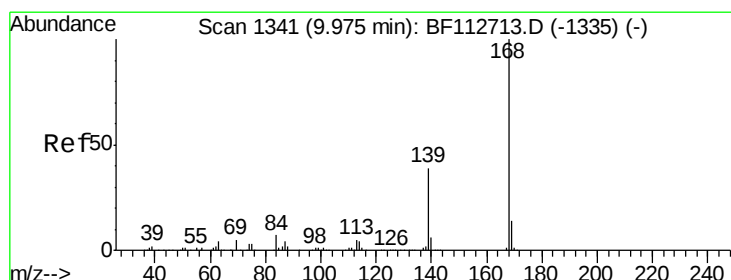
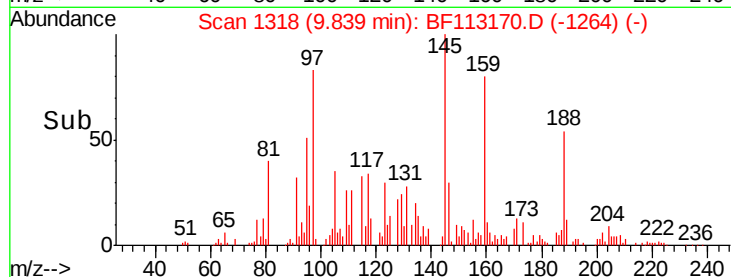
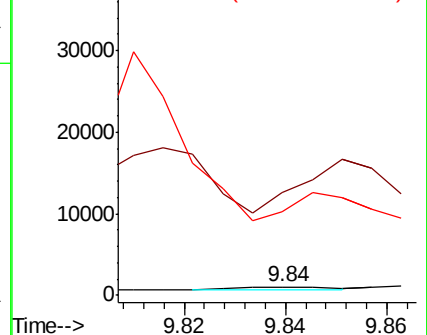
154 1026.7 46.2 69.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 2.904 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

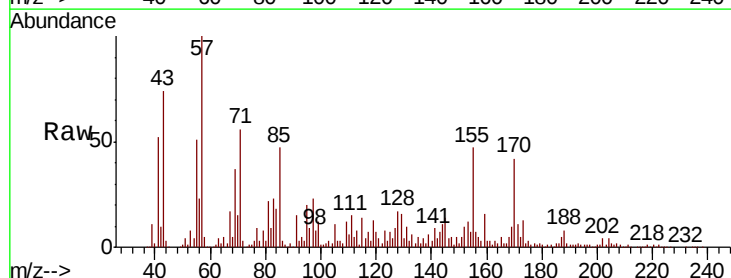
Tgt Ion:168 Resp: 44715

Ion Ratio Lower Upper

168 100

139 109.4 30.7 46.1#

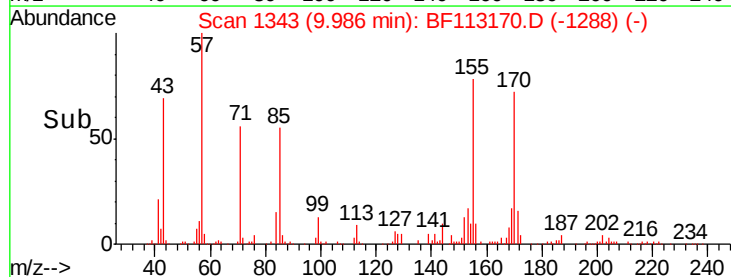
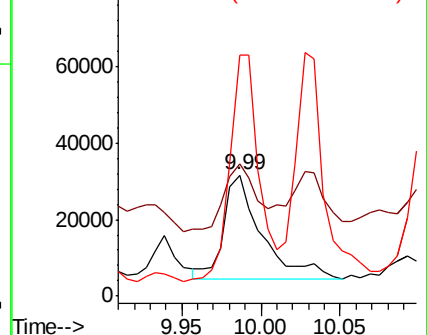
169 199.3 11.0 16.6#

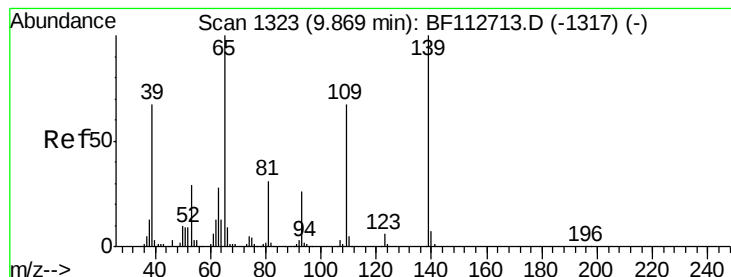


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 11.395 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampled :

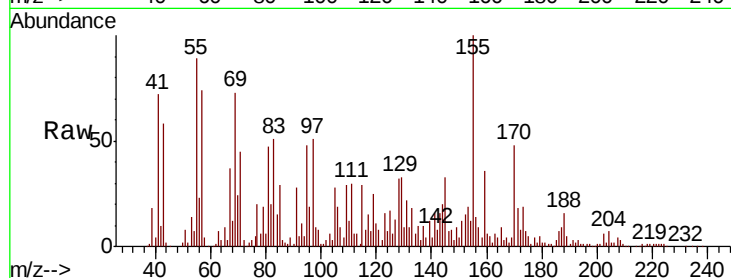
Tot Ion:139 Resp: 29035

Ion Ratio Lower Upper

139 100

109 250.8 45.4 85.4#

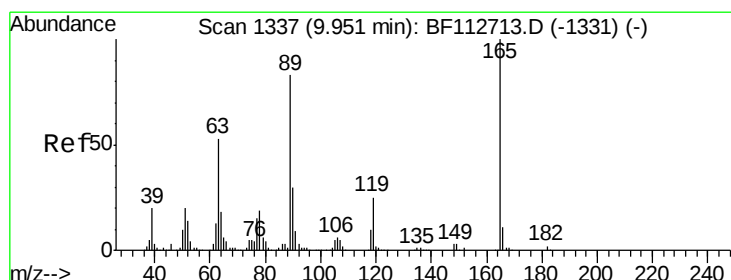
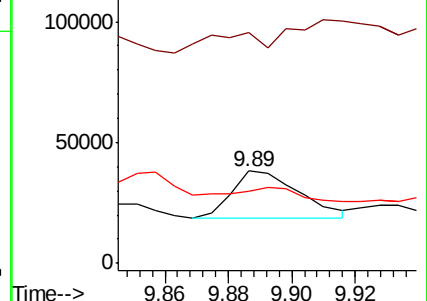
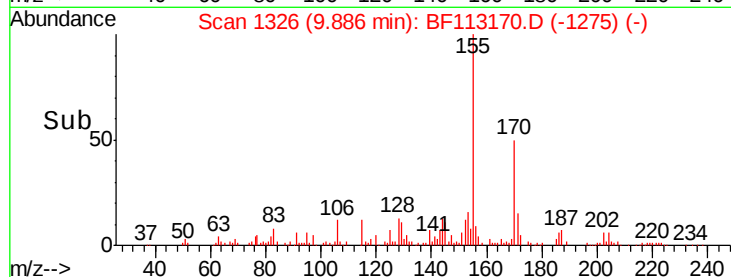
65 78.5 80.1 120.1#



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: 4.471 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.04 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Tgt Ion:165 Resp: 14298

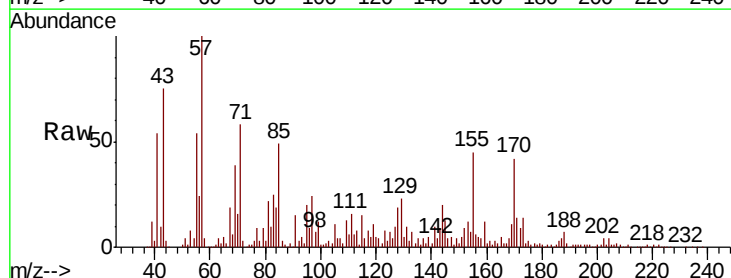
Ion Ratio Lower Upper

165 100

63 68.1 37.9 56.9#

89 34.5 58.5 87.7#

182 17.8 2.2 3.2#

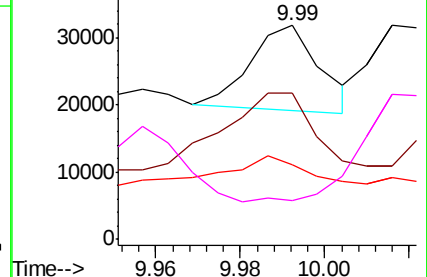
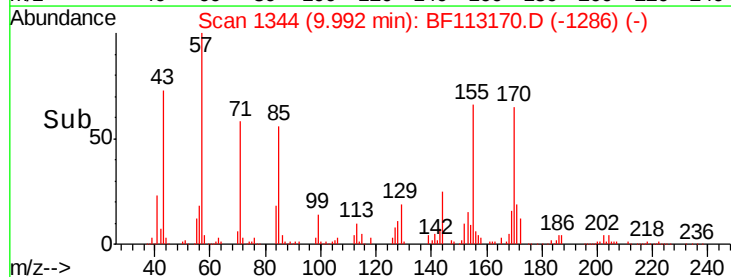


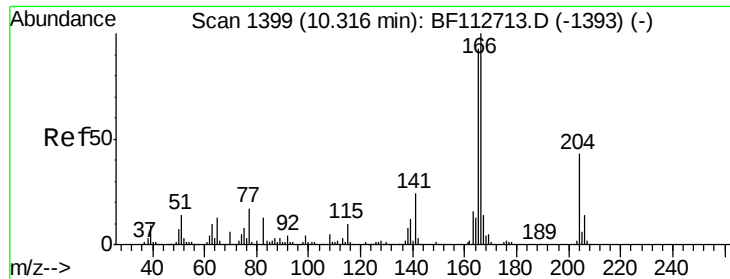
Abundance Ion 165.00 (164.70 to 165.70): E

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: 7.432 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.02 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampled :

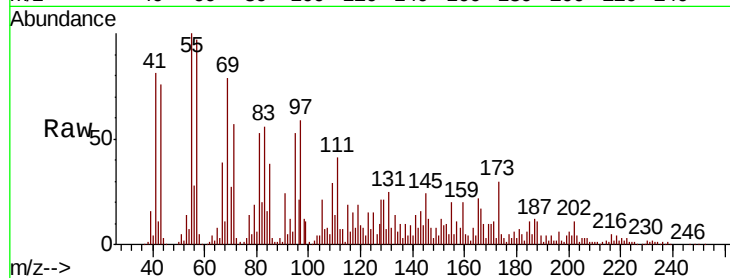
Tot Ion:166 Resp: 81224

Ion Ratio Lower Upper

166 100

165 132.7 75.4 113.2#

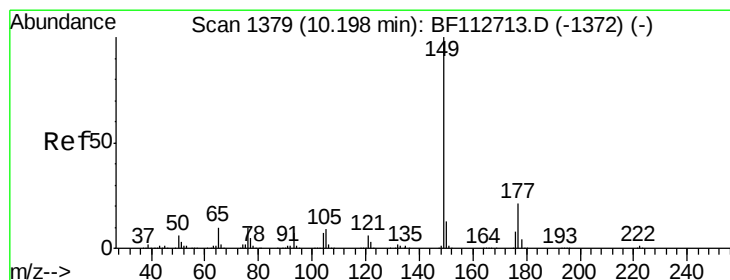
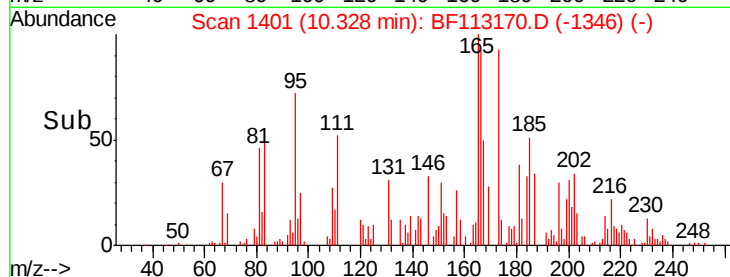
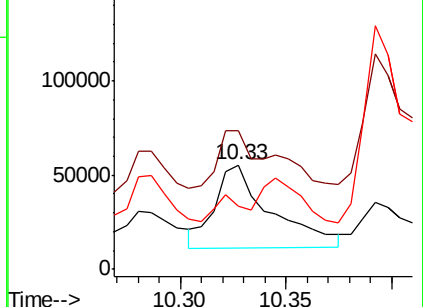
167 60.7 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 3.629 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.02 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

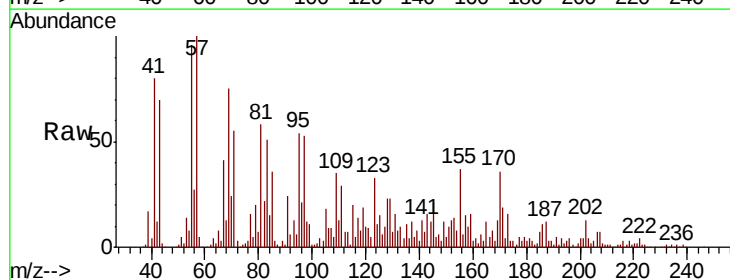
Tgt Ion:149 Resp: 47356

Ion Ratio Lower Upper

149 100

177 42.0 17.7 26.5#

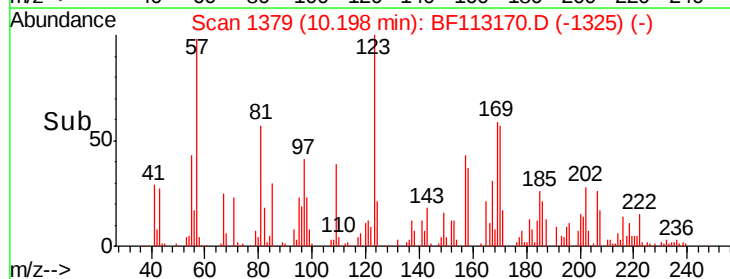
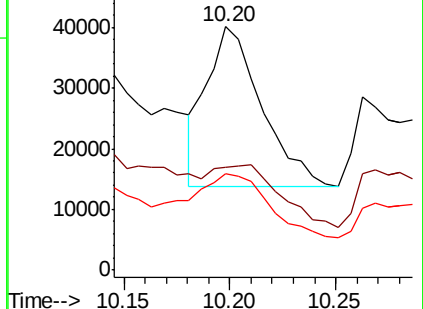
150 39.4 10.2 15.4#

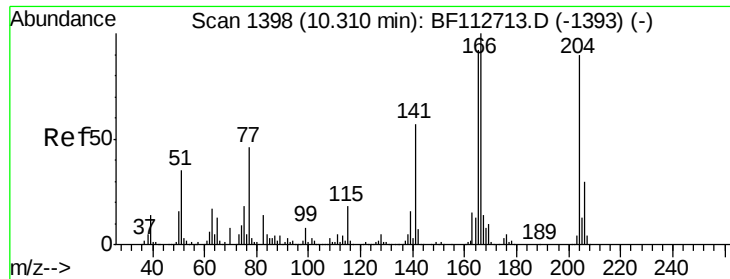


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

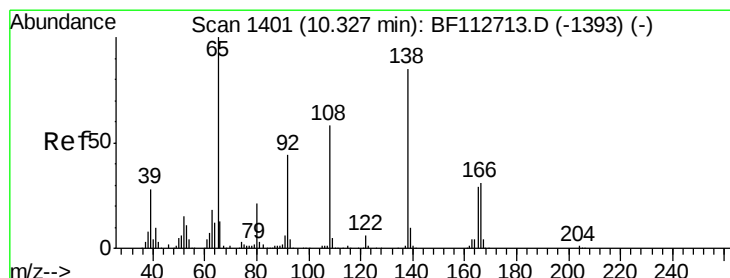
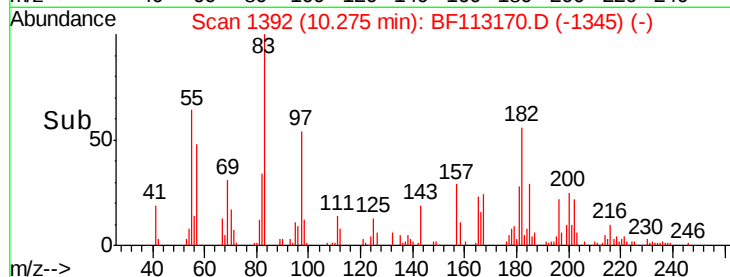
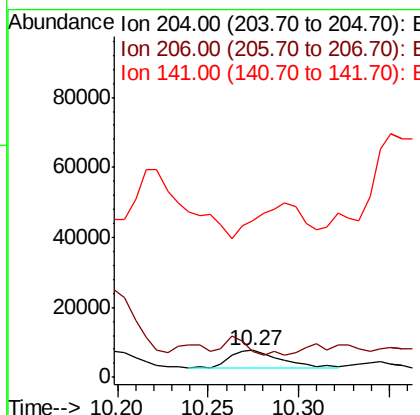
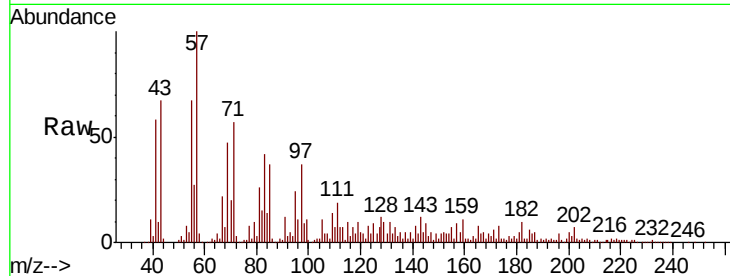




#61
4-Chlorophenyl-phenylether
Concen: 2.123 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

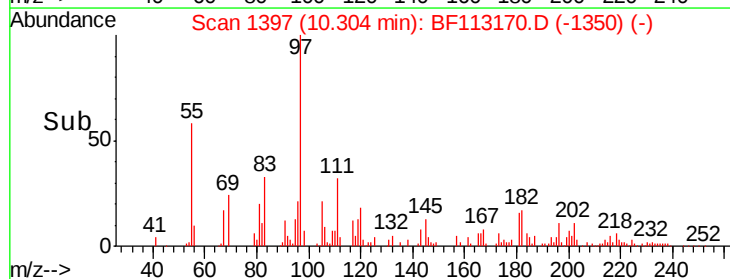
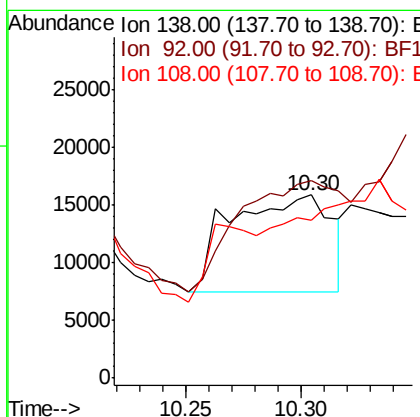
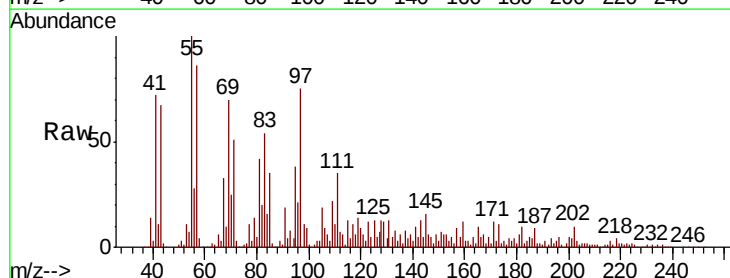
Instrument :
BNA_F
ClientSampleId :

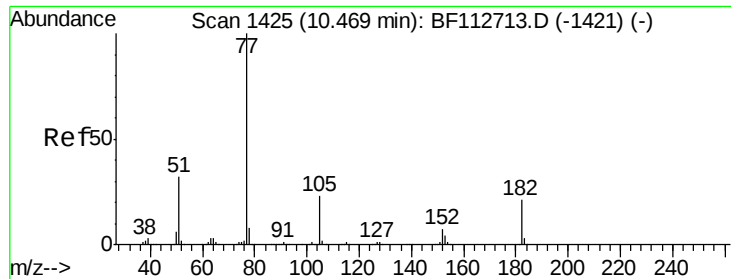
Tot Ion:204 Resp: 10794
Ion Ratio Lower Upper
204 100
206 94.9 26.1 39.1#
141 577.8 44.2 66.2#



#62
4-Nitroaniline
Concen: 8.768 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion:138 Resp: 25401
Ion Ratio Lower Upper
138 100
92 108.0 29.8 69.8#
108 86.2 47.4 87.4

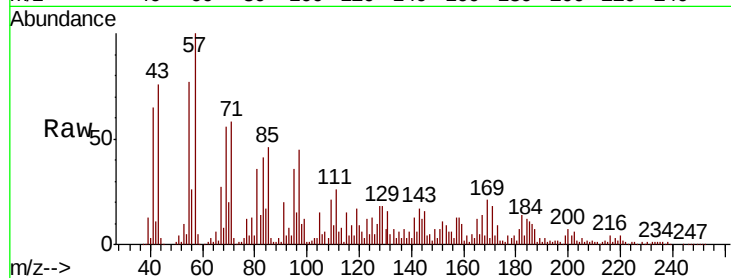




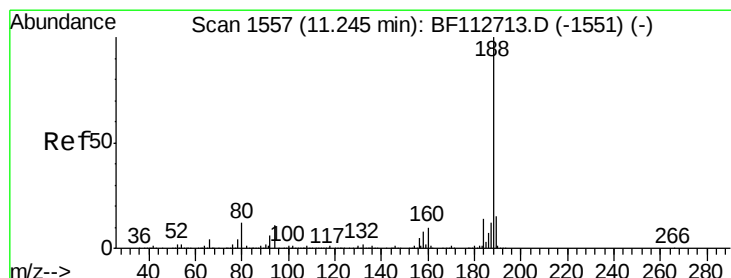
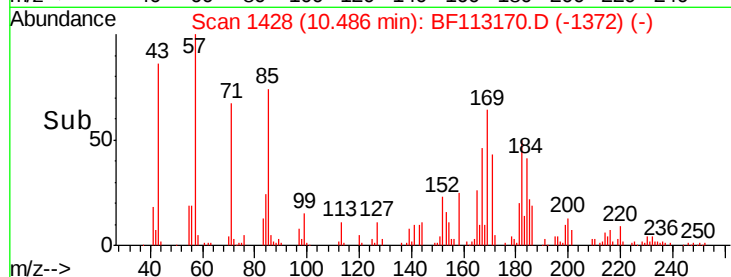
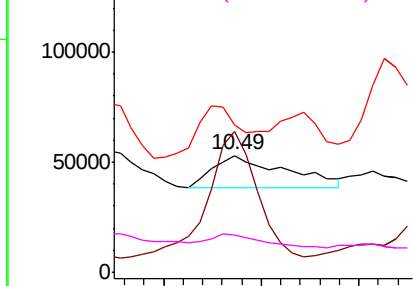
#63
Azobenzene
Concen: 2.801 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.03 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 37432
Ion Ratio Lower Upper
77 100
182 121.1 5.6 45.6#
105 126.3 2.6 42.6#
51 32.3 10.5 50.5

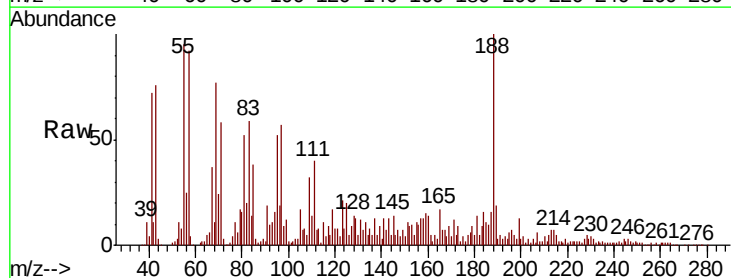


Abundance Ion 77.00 (76.70 to 77.70): BF1
150000 Ion 182.00 (181.70 to 182.70): E
100000 Ion 105.00 (104.70 to 105.70): E
50000 Ion 51.00 (50.70 to 51.70): BF1
0

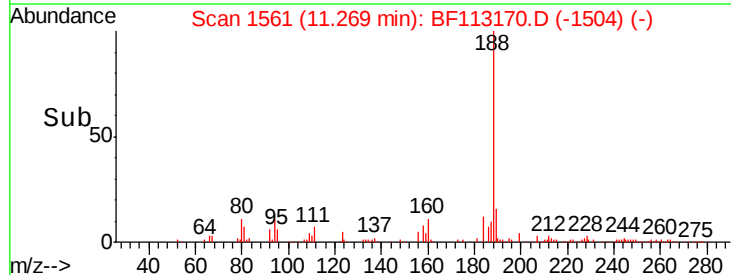
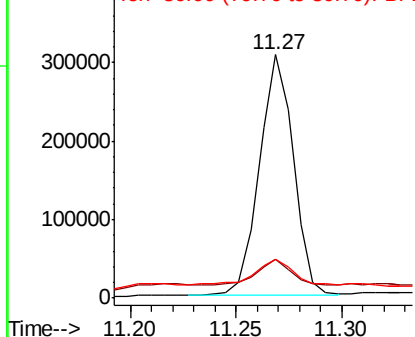


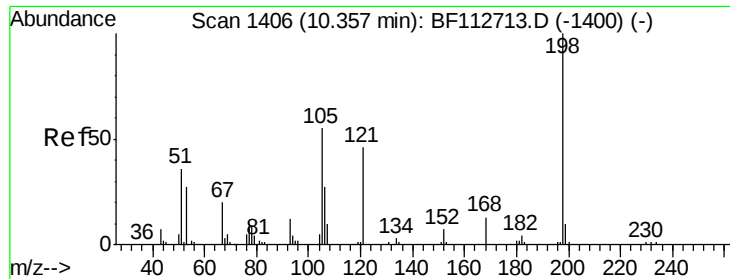
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.04 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion: 188 Resp: 339784
Ion Ratio Lower Upper
188 100
94 15.9 7.4 11.2#
80 16.0 7.9 11.9#



Abundance Ion 188.00 (187.70 to 188.70): E
400000 Ion 94.00 (93.70 to 94.70): BF1
300000 Ion 80.00 (79.70 to 80.70): BF1
200000
100000
0

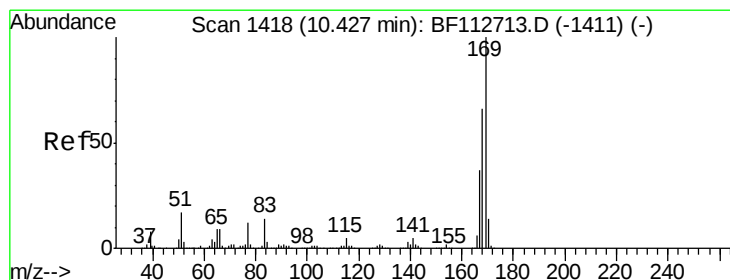
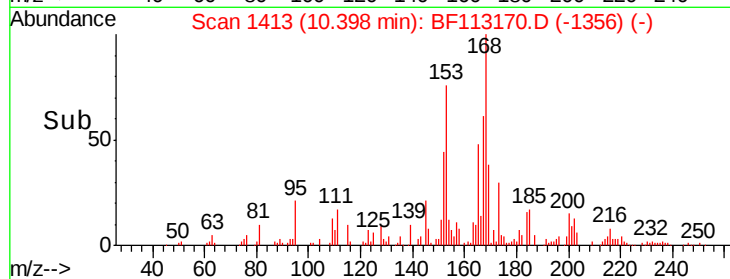
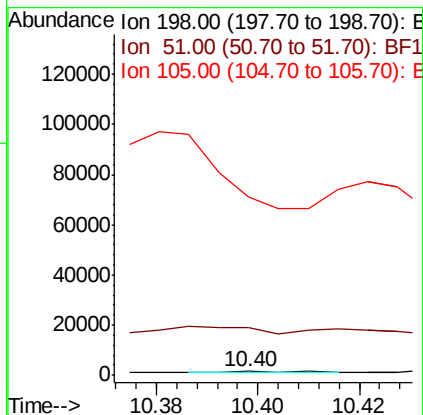
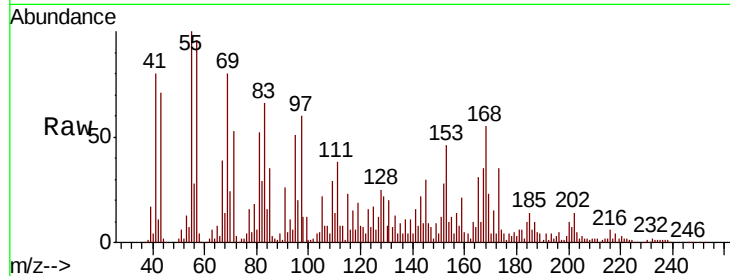




#65
4,6-Dinitro-2-methylphenol
Concen: 5.151 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.04 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

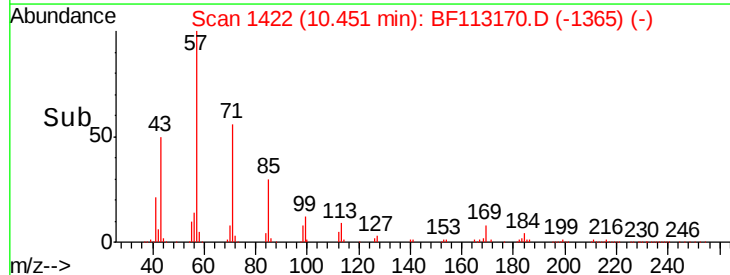
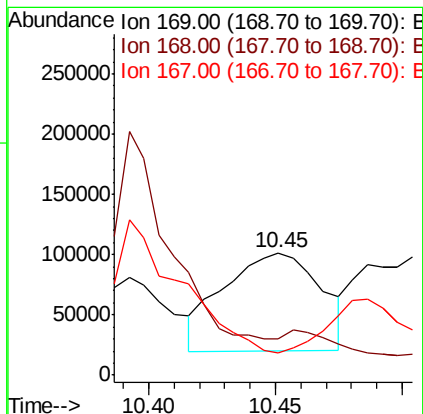
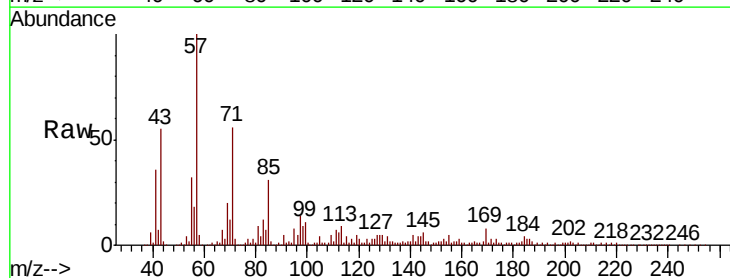
Instrument :
BNA_F
ClientSampleId :

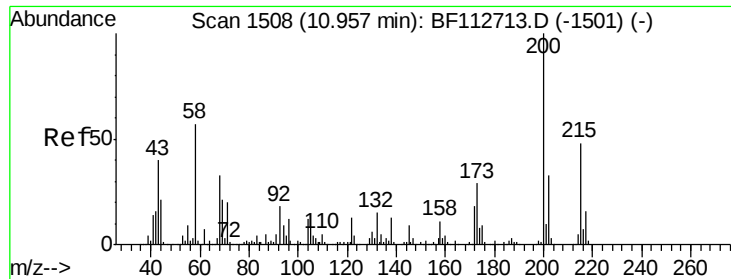
Tot Ion:198 Resp: 832
Ion Ratio Lower Upper
198 100
51 1139.1 25.5 65.5#
105 4268.9 23.2 63.2#



#66
n-Nitrosodiphenylamine
Concen: 19.940 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.04 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion:169 Resp: 217287
Ion Ratio Lower Upper
169 100
168 29.7 53.8 80.8#
167 18.6 29.5 44.3#

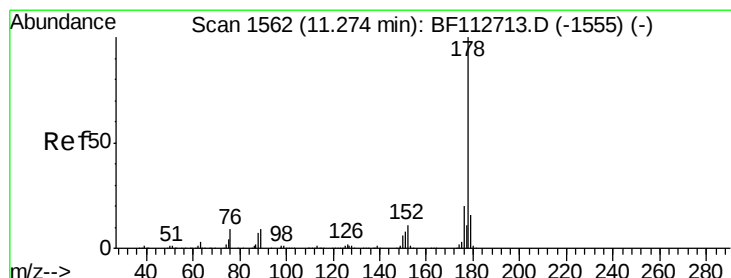
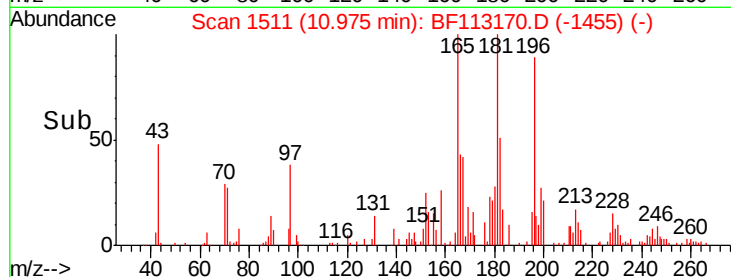
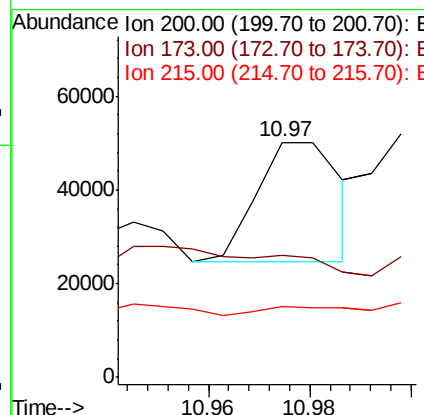
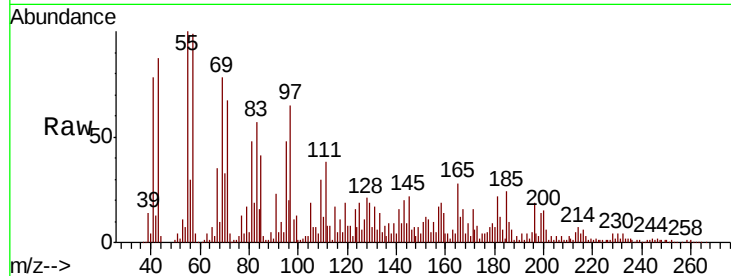




#69
Atrazine
Concen: 8.679 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.03 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

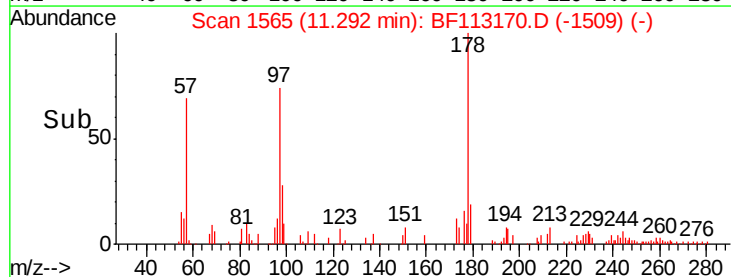
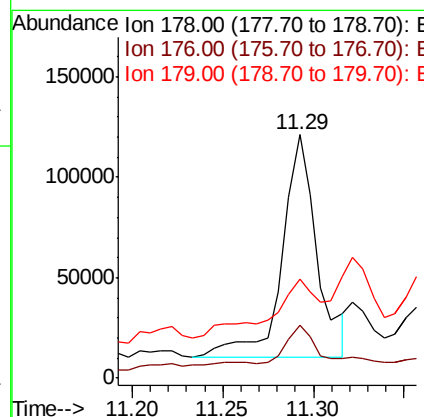
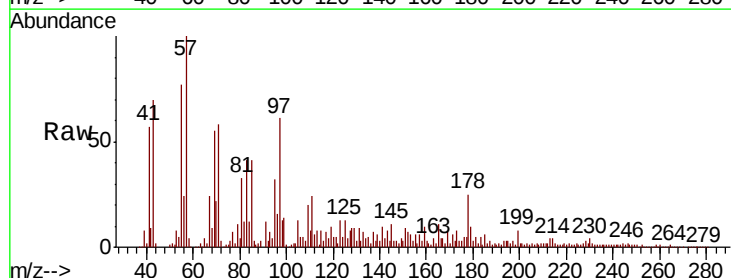
Instrument :
BNA_F
ClientSampleId :

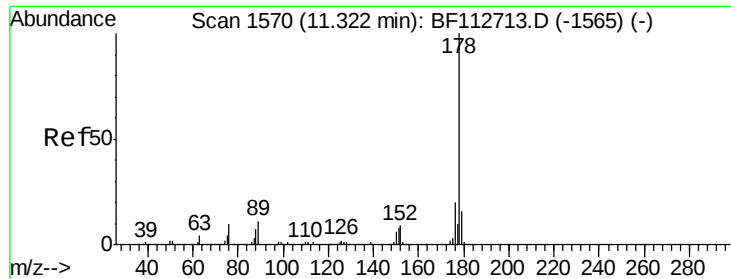
Tot Ion:200 Resp: 28966
Ion Ratio Lower Upper
200 100
173 51.8 8.2 48.2#
215 30.2 28.3 68.3



#71
Phenanthrene
Concen: 8.773 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.03 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion:178 Resp: 148312
Ion Ratio Lower Upper
178 100
176 21.5 16.2 24.4
179 40.5 13.0 19.4#





#72

Anthracene

Concen: 7.125 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.07 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampled :

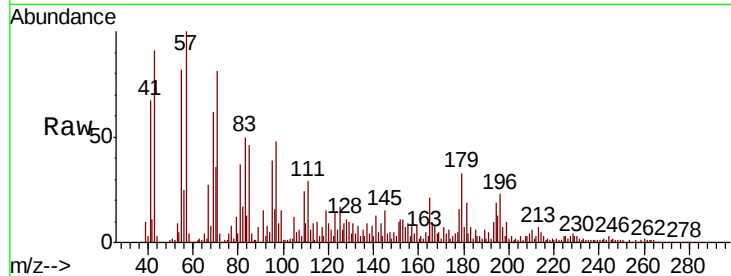
Tot Ion:178 Resp: 126083

Ion Ratio Lower Upper

178 100

176 24.4 15.7 23.5#

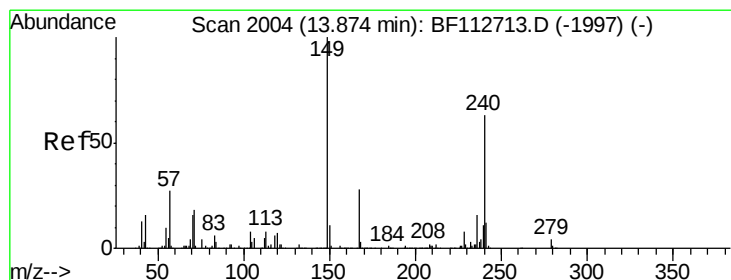
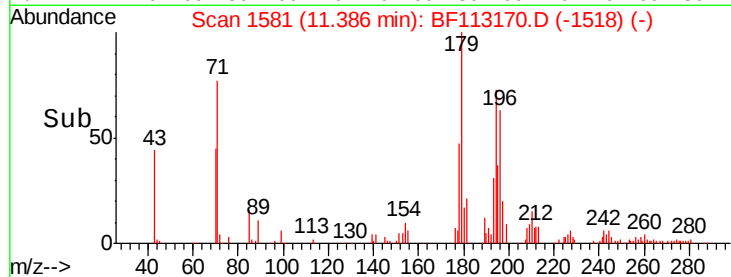
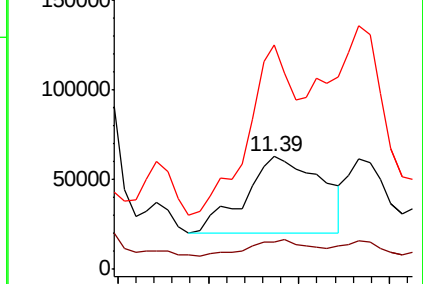
179 198.5 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

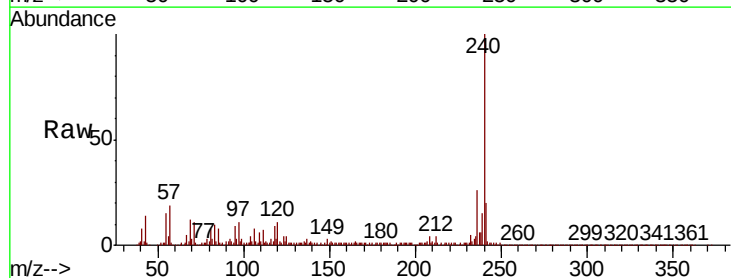
Tgt Ion:240 Resp: 388248

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

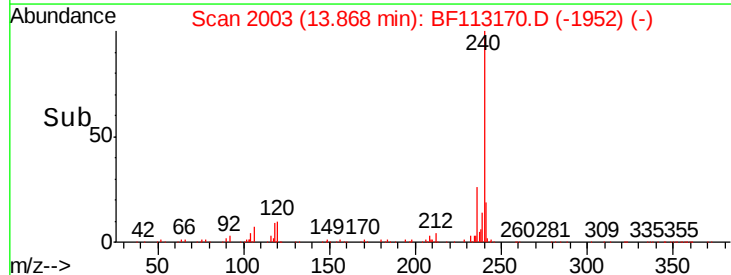
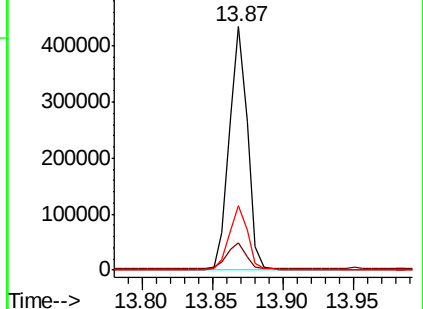
236 26.4 21.2 31.8

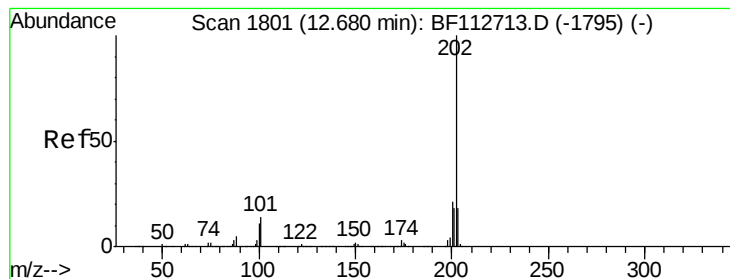


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 5.033 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampleId :

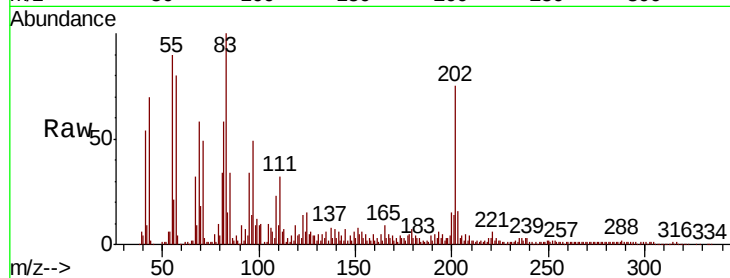
Tot Ion:202 Resp: 164727

Ion Ratio Lower Upper

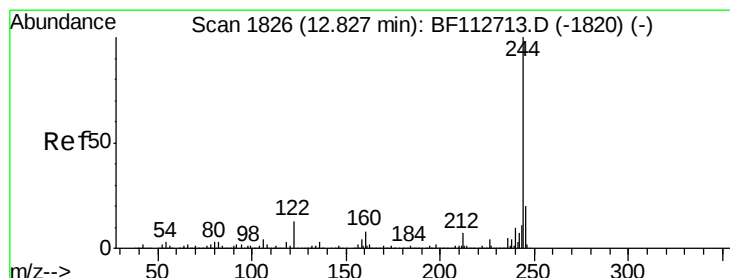
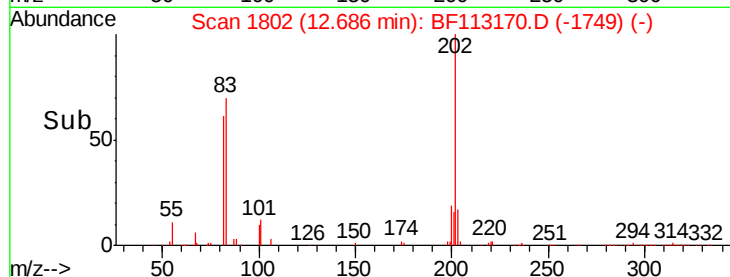
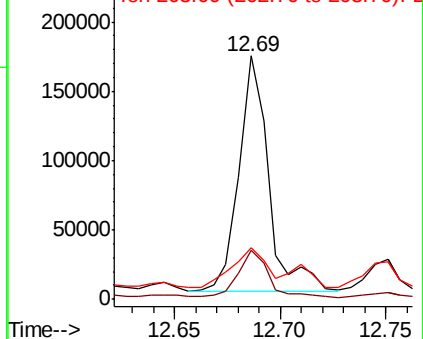
202 100

200 20.1 17.1 25.7

203 21.4 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: 51.749 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

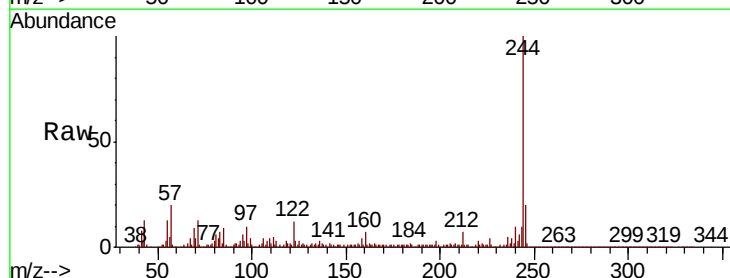
Tgt Ion:244 Resp: 1036436

Ion Ratio Lower Upper

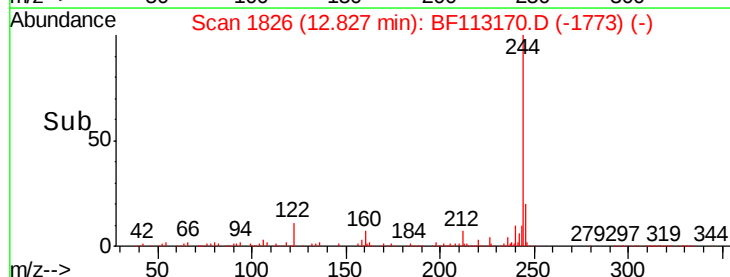
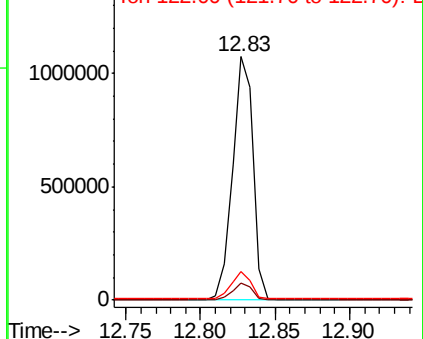
244 100

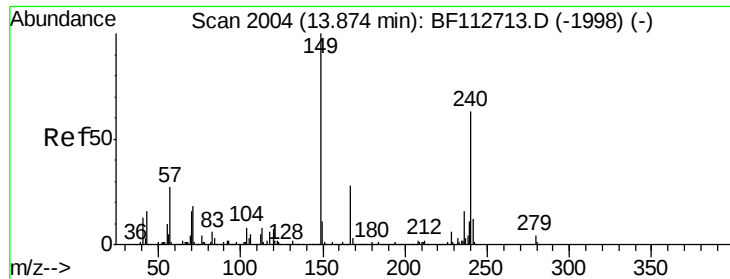
212 6.9 5.7 8.5

122 11.7 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





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.738 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

ClientSampleId :

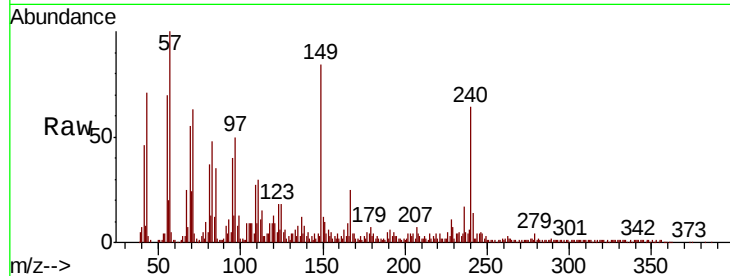
Tot Ion:149 Resp: 80288

Ion Ratio Lower Upper

149 100

167 29.5 22.3 33.5

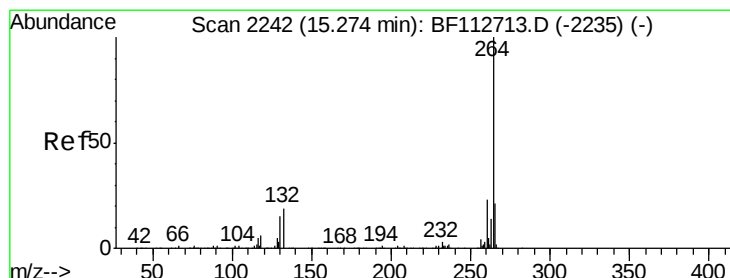
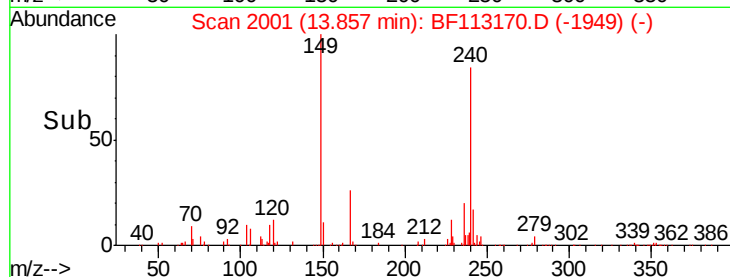
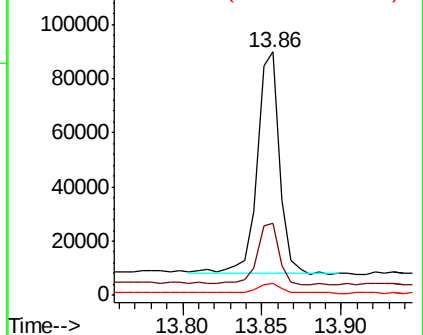
279 4.8 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

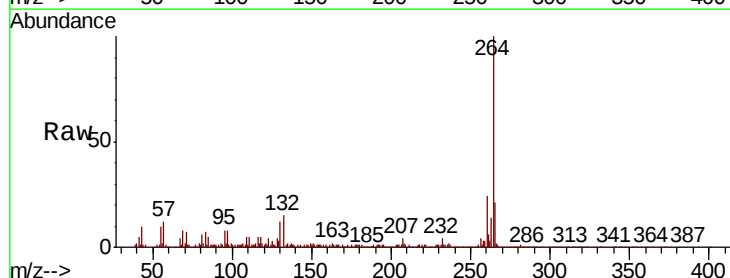
Tgt Ion:264 Resp: 356115

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

