

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099736.D
 Acq On : 21 Oct 2017 19:07
 Operator : SJ/JU
 Sample : I6034-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:48:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82993	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	324209	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	8636	20.00	ng	0.02
63) Phenanthrene-d10	11.36	188	386	20.00	ng	0.02
75) Chrysene-d12	13.97	240	2361	20.00	ng	-0.01
86) Perylene-d12	15.50	264	139753	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	322814	61.92	ng	-0.01
7) Phenol-d6	6.46	99	16537	2.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	361795	71.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	2466	34.90	ng	0.03
44) 2-Fluorobiphenyl	9.19	172	621124	1200.69	ng	0.02
78) Terphenyl-d14	13.05	244	72521	698.55	ng	0.13

Target Compounds				Qvalue		
9) Benzaldehyde	6.59	77	9190	2.463	ng	87
25) Isophorone	7.38	82	358205	34.271	ng	# 64
35) Caprolactam	8.59	113	4437	3.093	ng	# 1
43) 2,4,5-Trichlorophenol	9.15	196	435	2.388	ng	# 1
47) 2-Nitroaniline	9.37	65	1110	6.505	ng	# 82
48) Acenaphthylene	9.72	152	6648	7.793	ng	# 1
49) Dimethylphthalate	9.50	163	12427	19.066	ng	# 18
50) 2,6-Dinitrotoluene	9.52	165	30476	214.770	ng	# 31
51) Acenaphthene	9.93	154	1137	2.104	ng	# 1
52) 3-Nitroaniline	9.82	138	6549	39.581	ng	# 17
53) 2,4-Dinitrophenol	9.95	184	262	9.116	ng	# 1
55) 4-Nitrophenol	10.06	139	646	4.617	ng	# 1
56) 2,4-Dinitrotoluene	10.06	165	1671	9.074	ng	# 34
58) 2,3,4,6-Tetrachlorophenol	10.20	232	1945	15.459	ng	# 33
59) Diethylphthalate	10.32	149	3187	5.004	ng	# 9
60) 4-Chlorophenyl-phenylether	10.52	204	1276	4.912	ng	# 1
61) 4-Nitroaniline	10.55	138	562	3.521	ng	# 23
62) Azobenzene	10.57	77	4542	7.756	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.50	198	574	244.409	ng	# 1
65) n-Nitrosodiphenylamine	10.53	169	782	58.479	ng	# 46
66) 4-Bromophenyl-phenylether	10.89	248	375	99.251	ng	# 1
68) Atrazine	11.08	200	921	228.918	ng	# 1
69) Pentachlorophenol	11.12	266	713	283.898	ng	# 44
70) Phenanthrene	11.37	178	2220	107.446	ng	# 1
71) Anthracene	11.46	178	1468	69.440	ng	# 1
72) Carbazole	11.61	167	4140	199.976	ng	# 1
73) Di-n-butylphthalate	11.91	149	2132	85.558	ng	# 30
74) Fluoranthene	12.57	202	1597	76.331	ng	# 1
76) Benzidine	12.68	184	1165	13.341	ng	# 1
77) Pyrene	12.79	202	624	3.466	ng	# 1
79) Butylbenzylphthalate	13.37	149	1315	15.541	ng	# 25
80) Benzo(a)anthracene	13.97	228	871	6.092	ng	# 1
81) 3,3'-Dichlorobenzidine	13.93	252	510	9.731	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.89	149	5720	49.096	ng	# 57

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QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

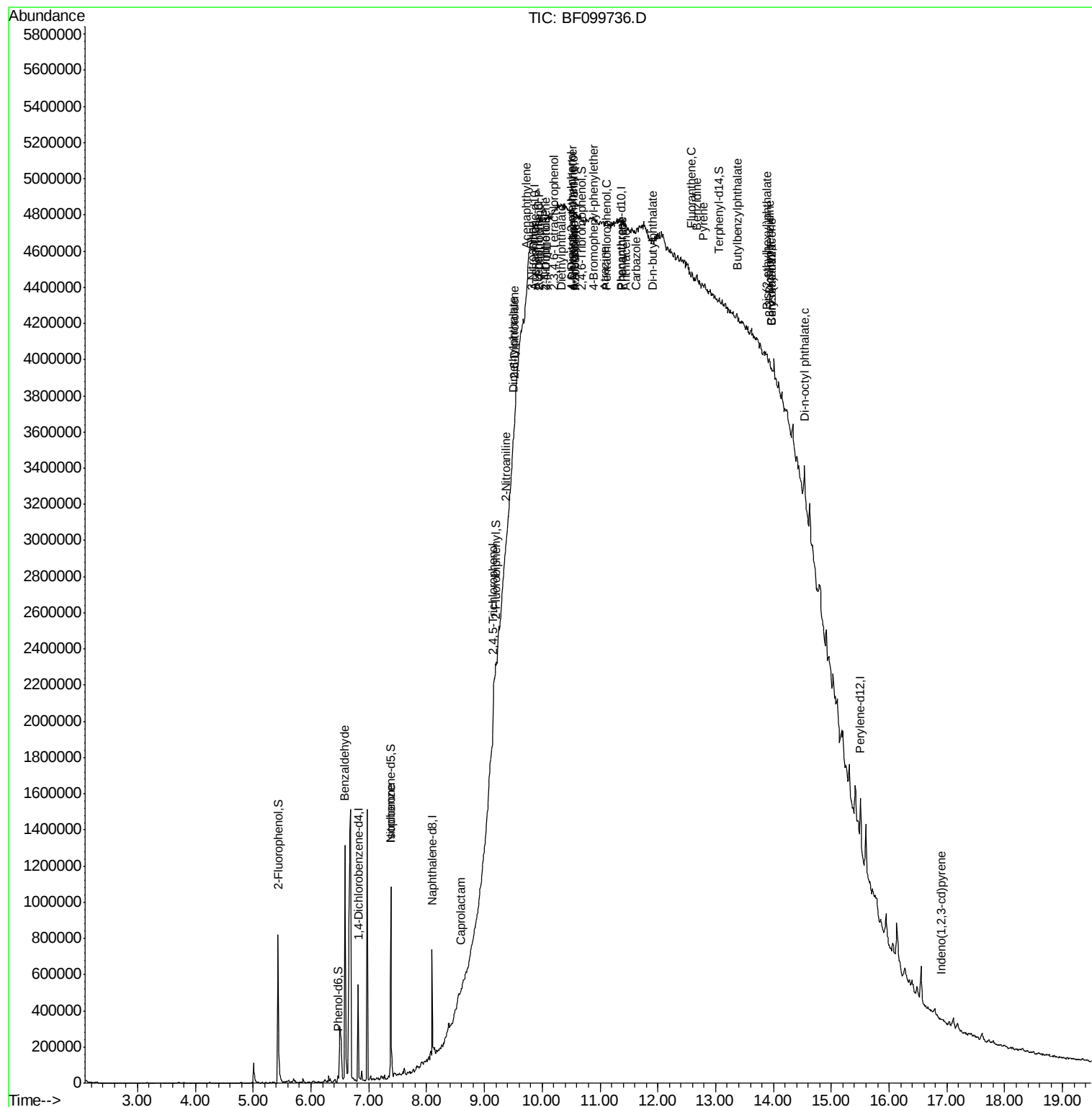
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.53	149	15990	85.234	ng	# 40
85) Indeno(1,2,3-cd)pyrene	16.91	276	226	2.076	ng	# 1

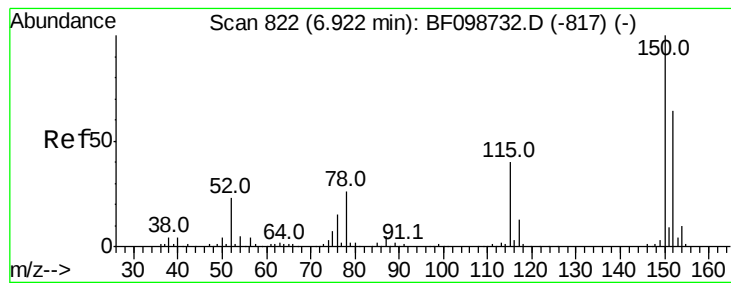
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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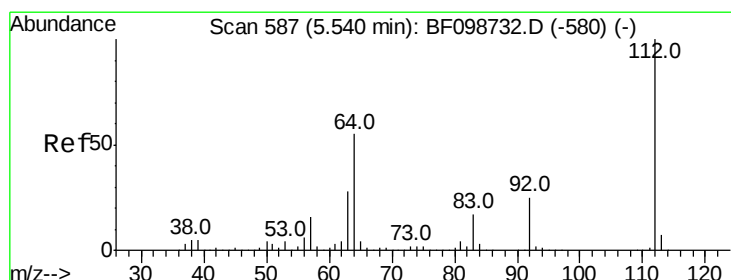
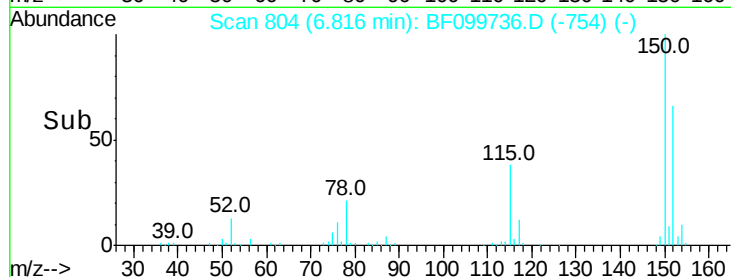
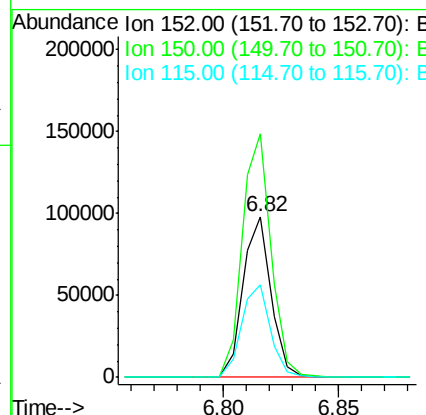
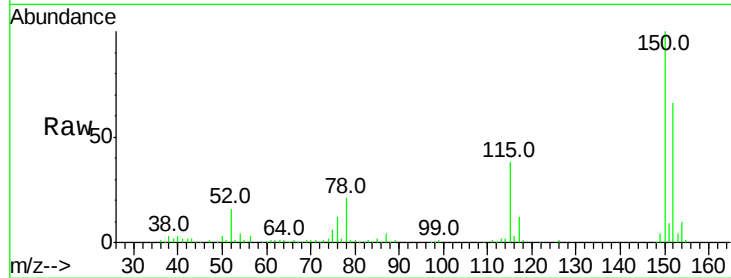


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099736.D
 Acq: 21 Oct 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

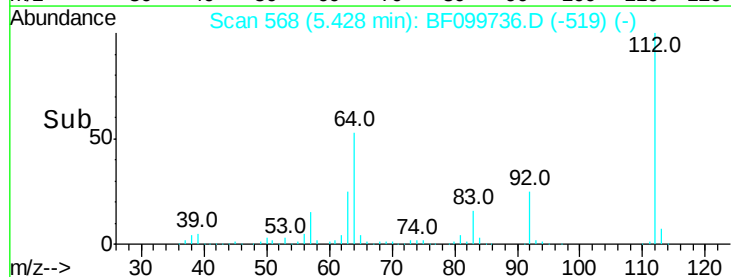
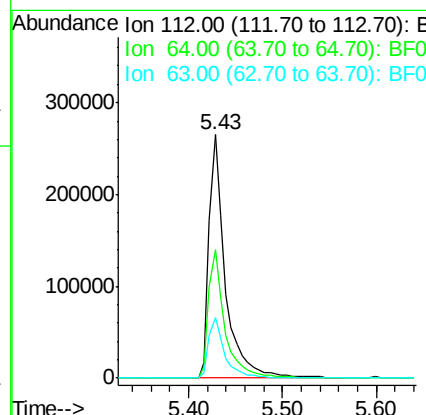
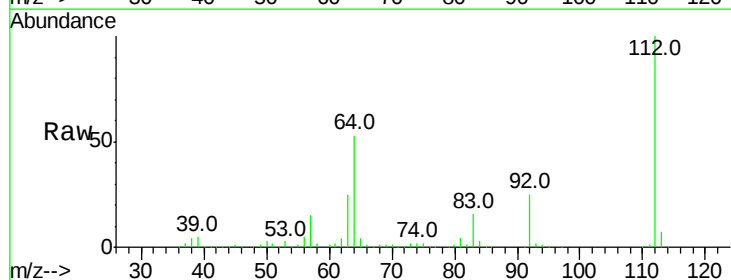
Tot Ion:152 Resp: 82993
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.6 186.8
 115 57.5 50.1 75.1

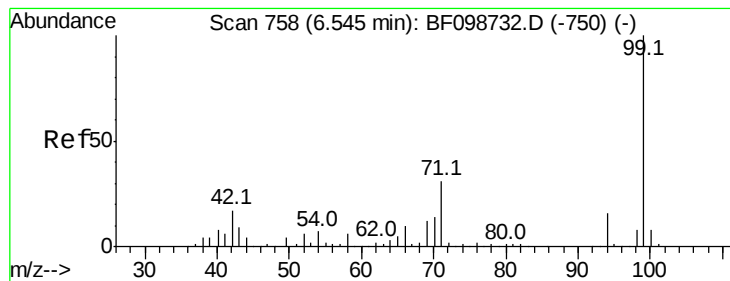


#5

2-Fluorophenol
 Concen: 61.919 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF099736.D
 Acq: 21 Oct 2017 19:07

Tgt Ion:112 Resp: 322814
 Ion Ratio Lower Upper
 112 100
 64 52.7 47.9 71.9
 63 24.9 23.7 35.5





#7

Phenol-d6

Concen: 2.571 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampleId :

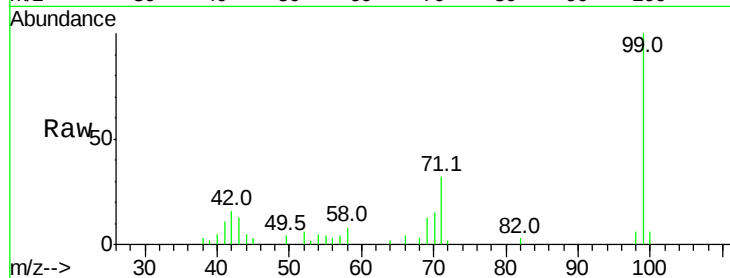
Tot Ion: 99 Resp: 16537

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

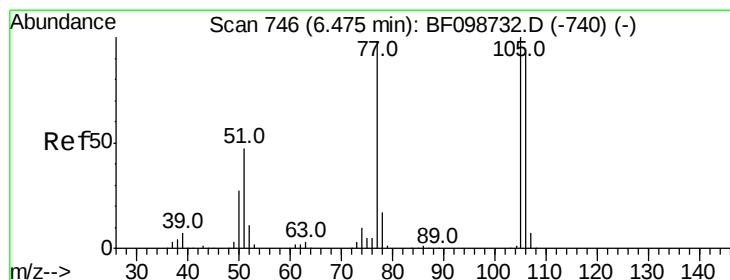
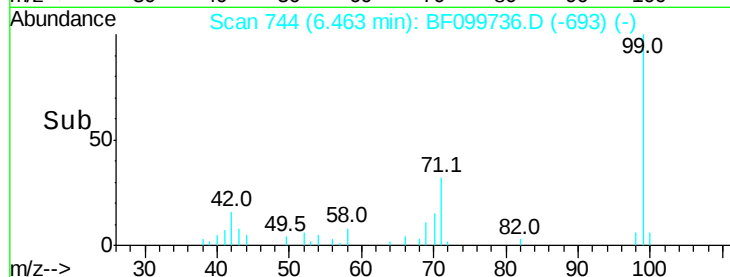
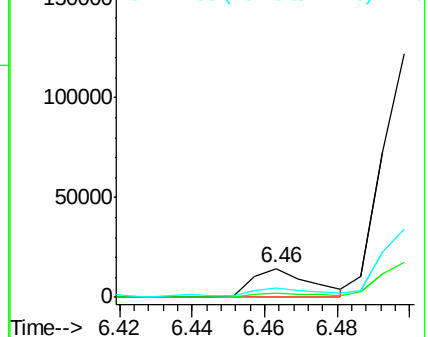
71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.463 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

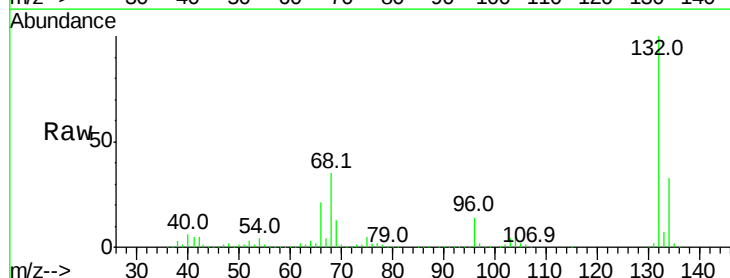
Tgt Ion: 77 Resp: 9190

Ion Ratio Lower Upper

77 100

105 85.8 81.1 121.1

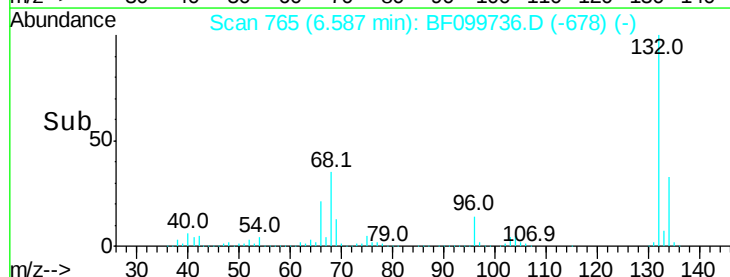
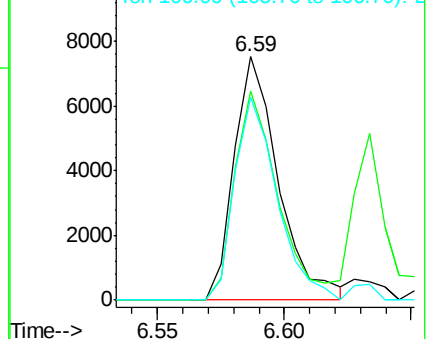
106 83.3 74.5 114.5

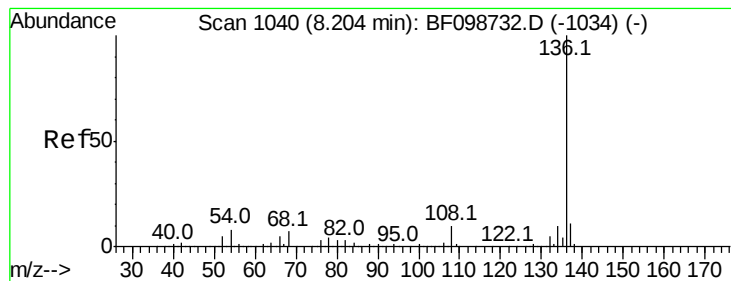


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 324209

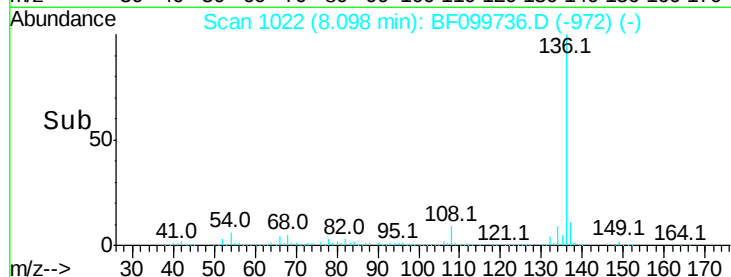
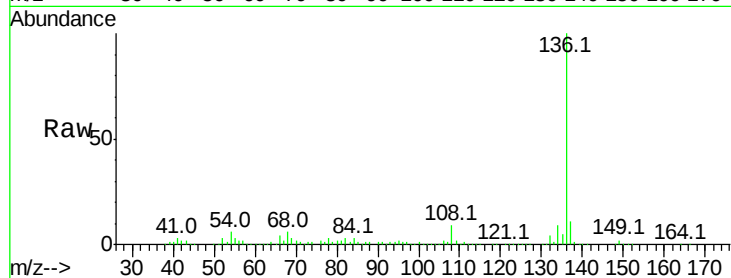
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.1 6.6 9.8#

68 5.6 5.0 7.4

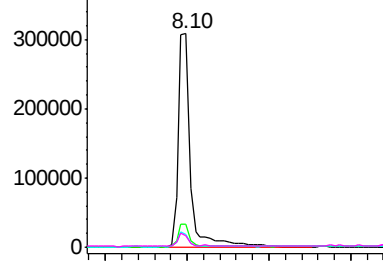


Abundance Ion 136.00 (135.70 to 136.70): E

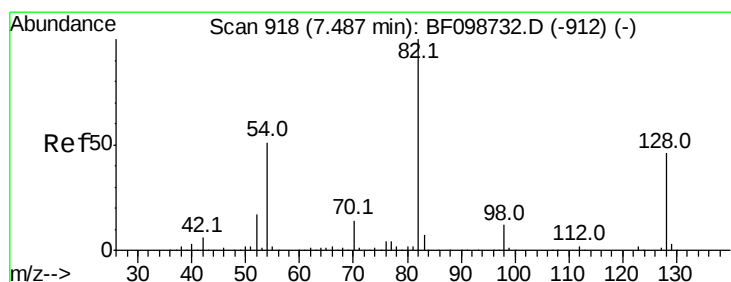
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 71.565 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

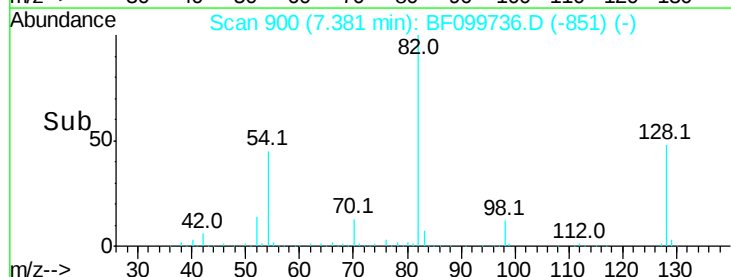
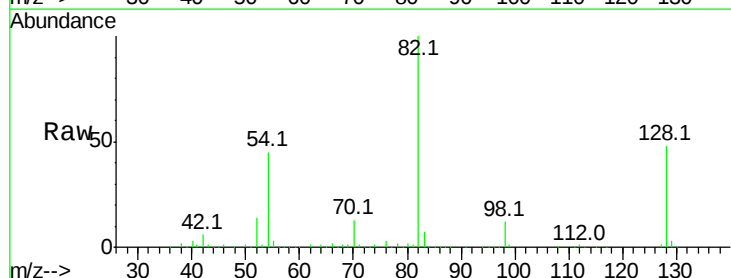
Tgt Ion: 82 Resp: 361795

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

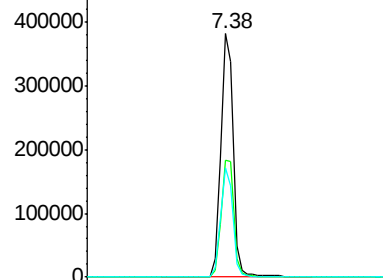
54 44.8 41.4 62.2



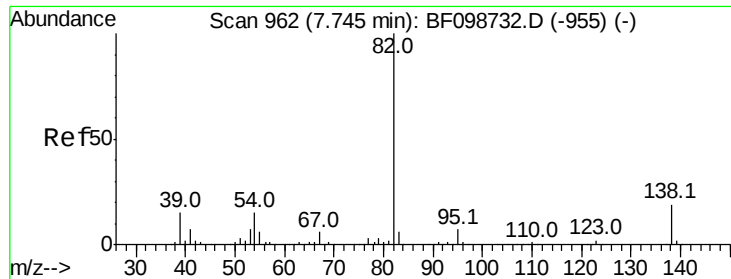
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 34.271 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampled :

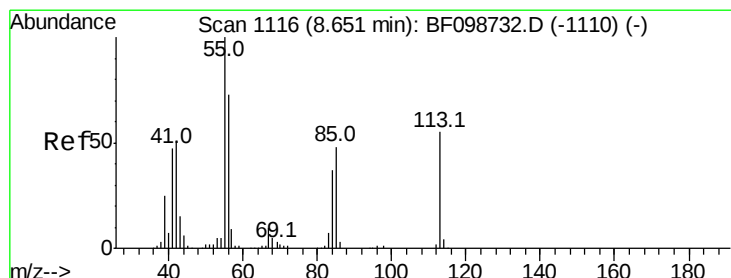
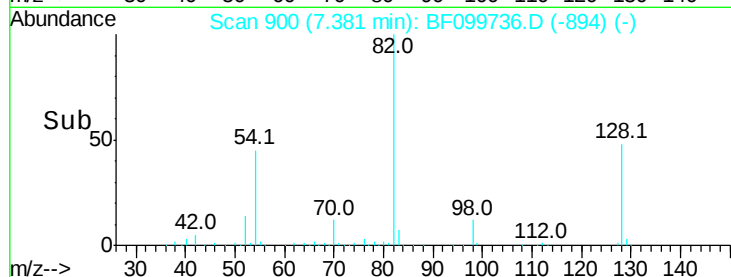
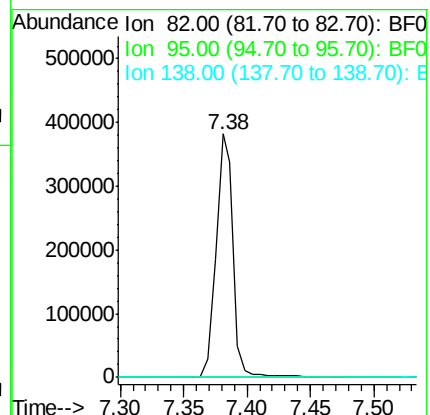
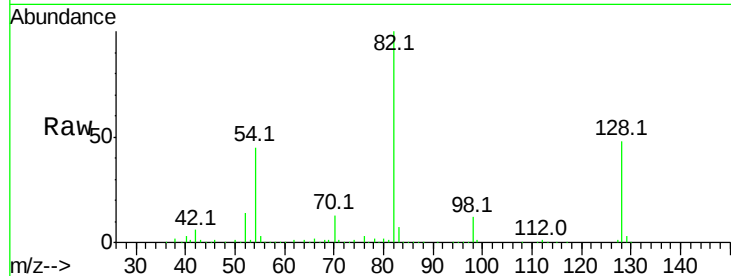
Tot Ion: 82 Resp: 358205

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#35

Caprolactam

Concen: 3.093 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.03 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

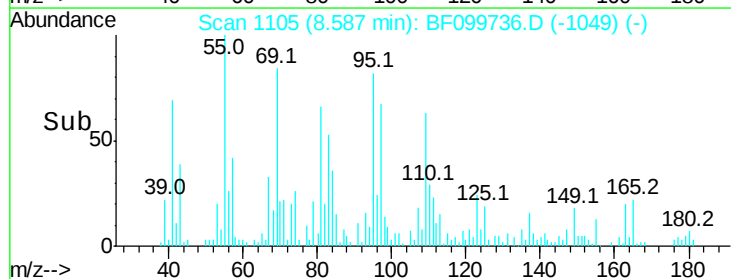
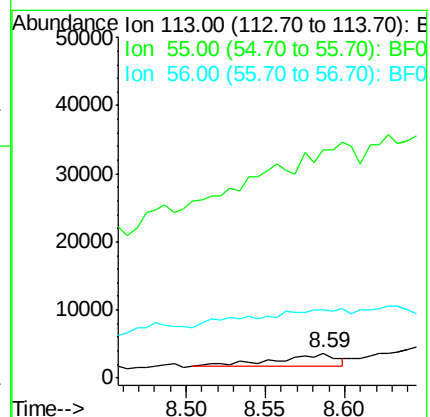
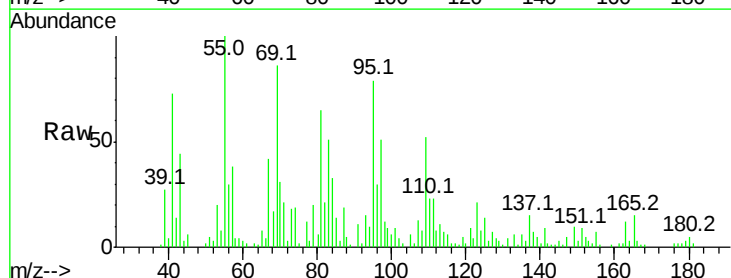
Tgt Ion: 113 Resp: 4437

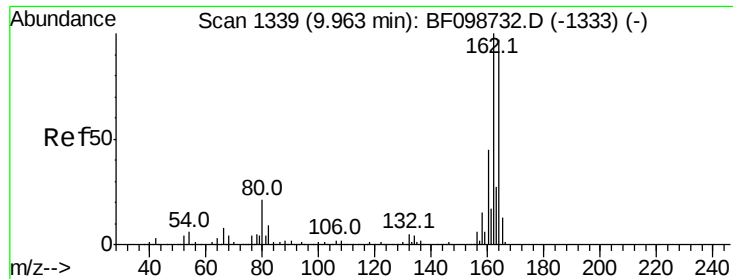
Ion Ratio Lower Upper

113 100

55 904.5 163.3 203.3#

56 269.3 115.7 155.7#

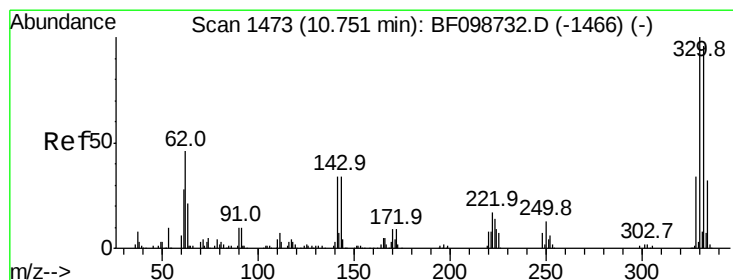
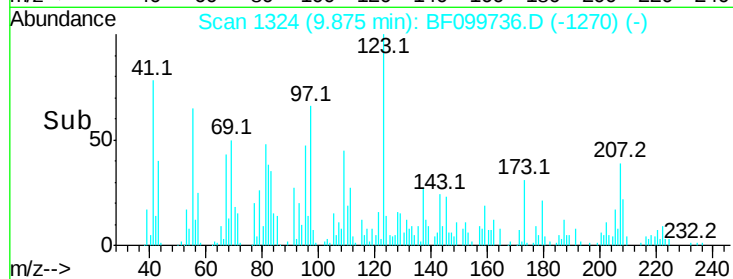
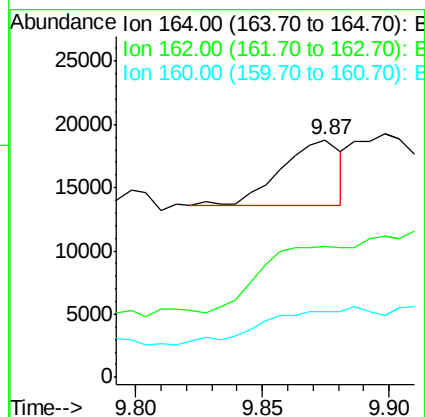
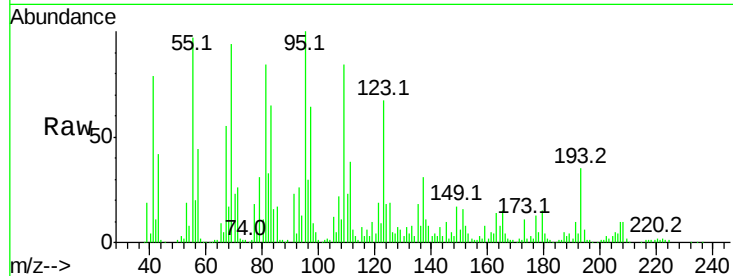




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.02 min
 Lab File: BF099736.D
 Acq: 21 Oct 2017 19:07

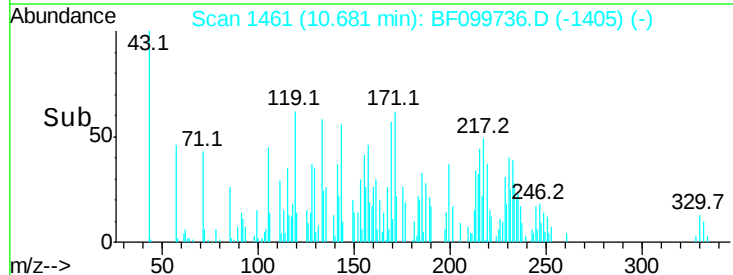
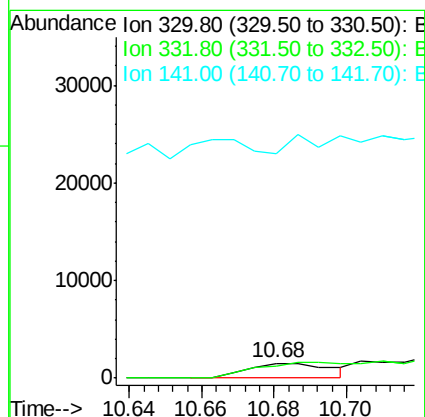
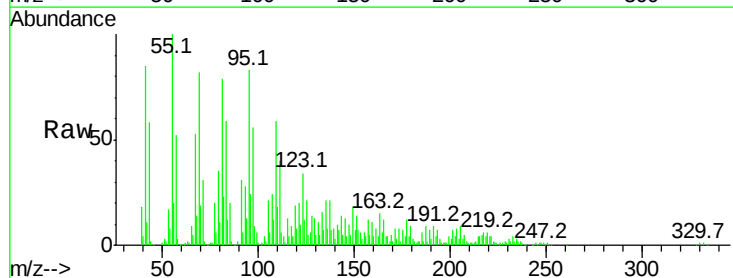
Instrument :
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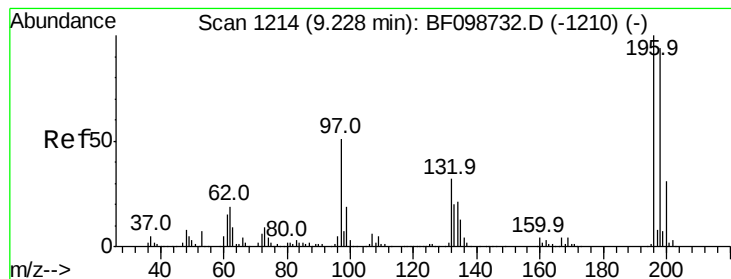
Tot Ion:164 Resp: 8636
 Ion Ratio Lower Upper
 164 100
 162 55.0 86.1 129.1#
 160 27.9 38.3 57.5#



#41
 2,4,6-Tribromophenol
 Concen: 34.897 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.03 min
 Lab File: BF099736.D
 Acq: 21 Oct 2017 19:07

Tgt Ion:330 Resp: 2466
 Ion Ratio Lower Upper
 330 100
 332 107.6 77.0 115.6
 141 216.5 29.9 44.9#





#43

2,4,5-Trichlorophenol

Concen: 2.388 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 435

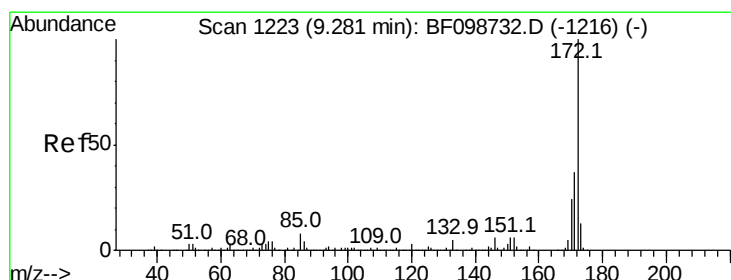
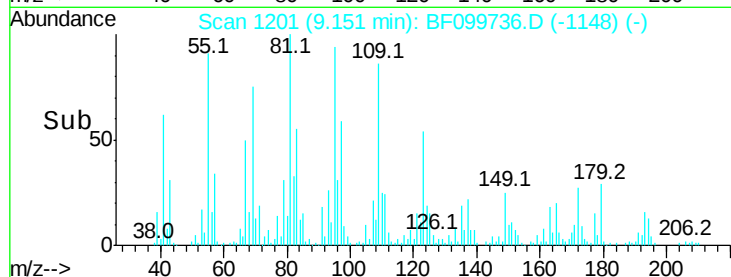
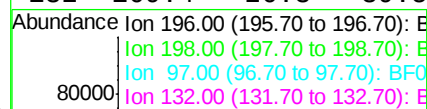
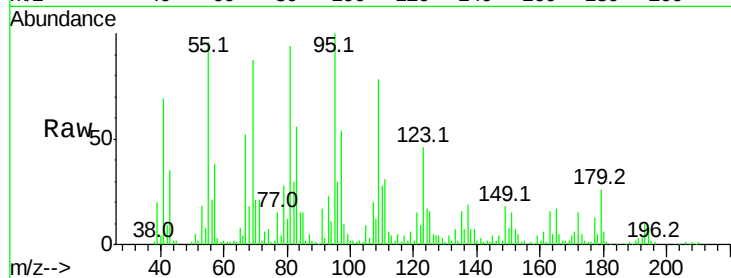
Ion Ratio Lower Upper

196 100

198 0.0 74.6 112.0#

97 6009.6 42.9 64.3#

132 169.4 26.3 39.5#



#44

2-Fluorobiphenyl

Concen: 1200.689 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.02 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

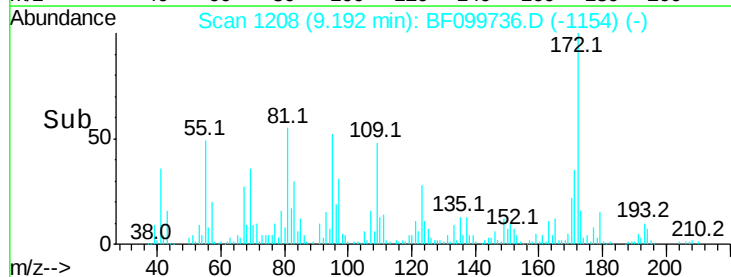
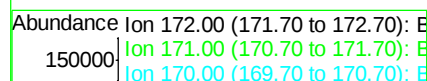
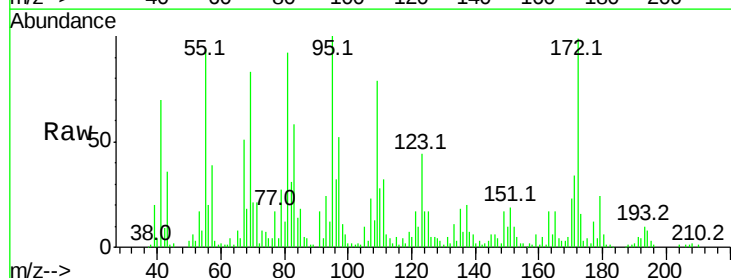
Tgt Ion:172 Resp: 621124

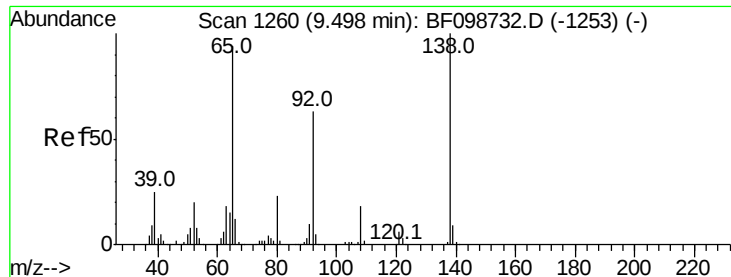
Ion Ratio Lower Upper

172 100

171 34.7 29.7 44.5

170 23.1 19.6 29.4





#47

2-Nitroaniline

Concen: 6.505 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.04 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampleId :

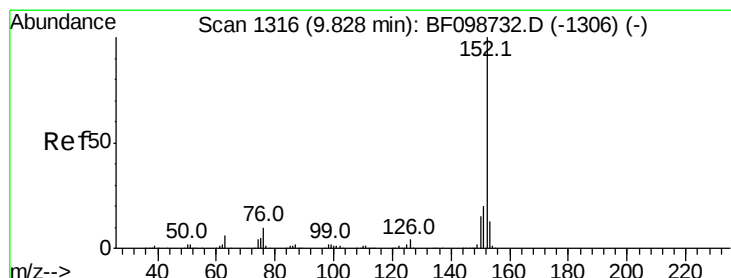
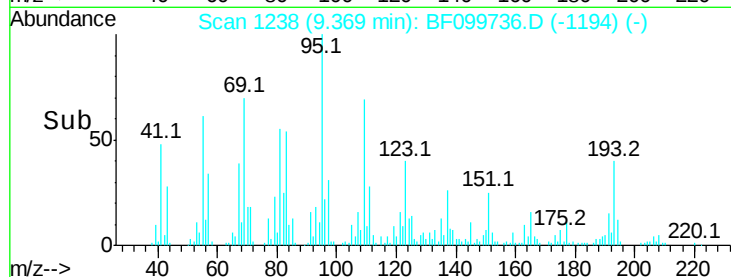
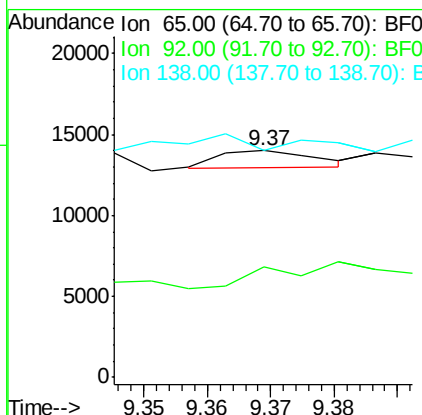
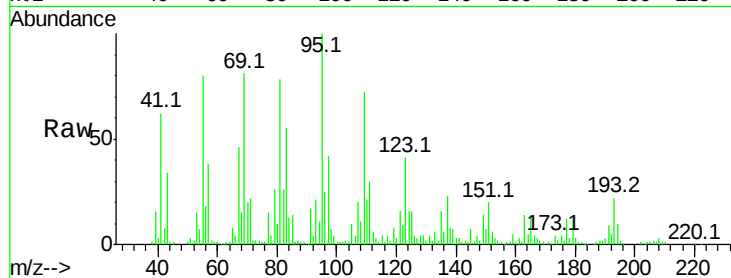
Tot Ion: 65 Resp: 1110

Ion Ratio Lower Upper

65 100

92 48.8 55.8 83.6#

138 99.9 91.2 136.8



#48

Acenaphthylene

Concen: 7.793 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

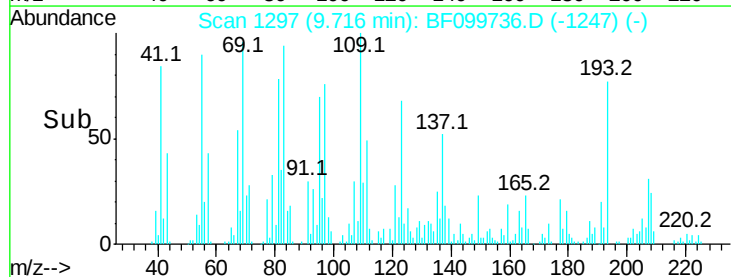
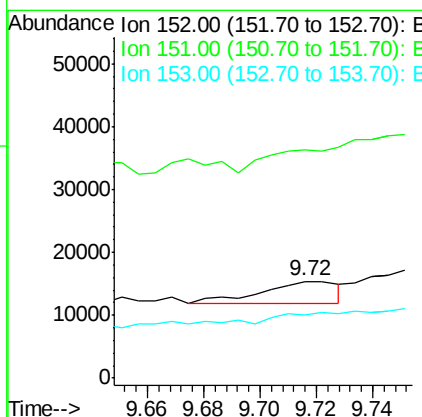
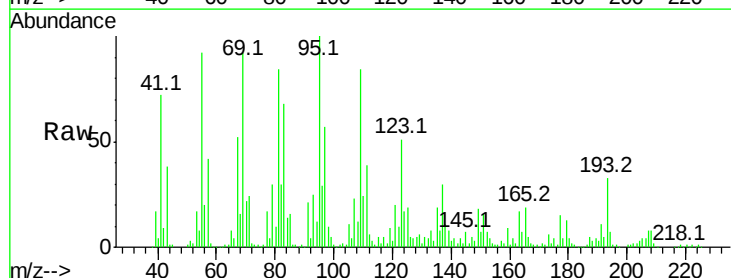
Tgt Ion: 152 Resp: 6648

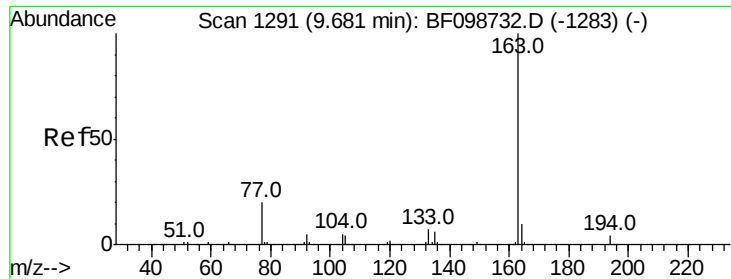
Ion Ratio Lower Upper

152 100

151 235.5 16.3 24.5#

153 65.5 10.7 16.1#

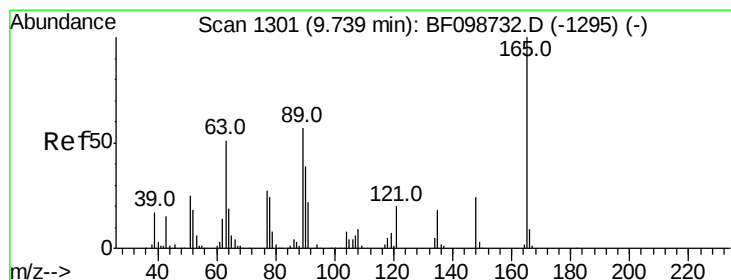
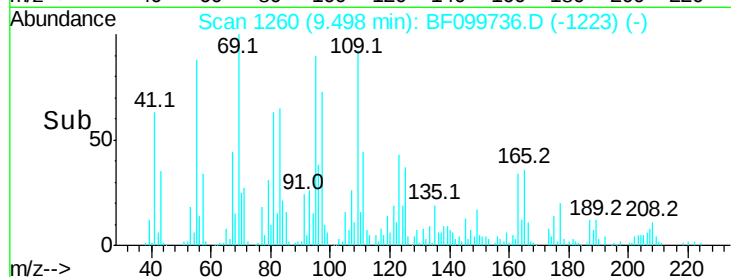
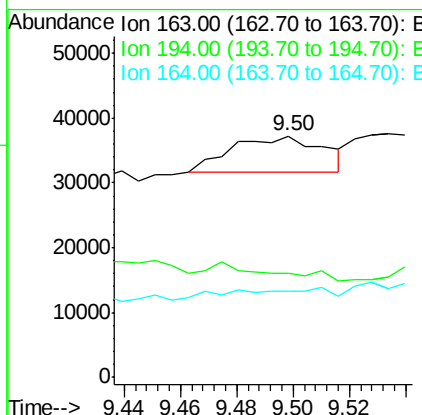
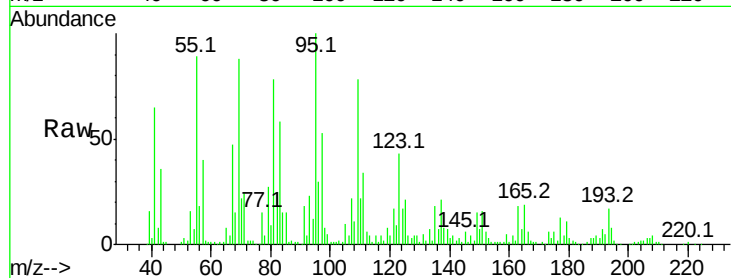




#49
Dimethylphthalate
Concen: 19.066 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

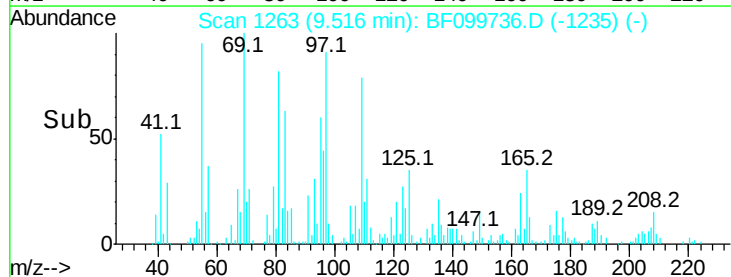
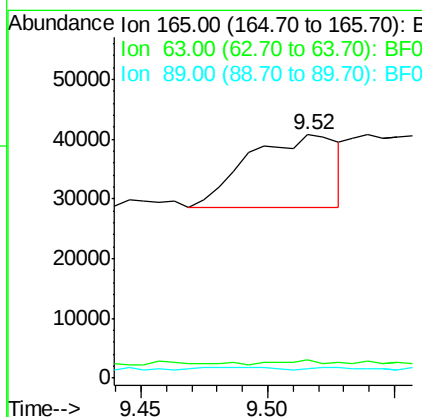
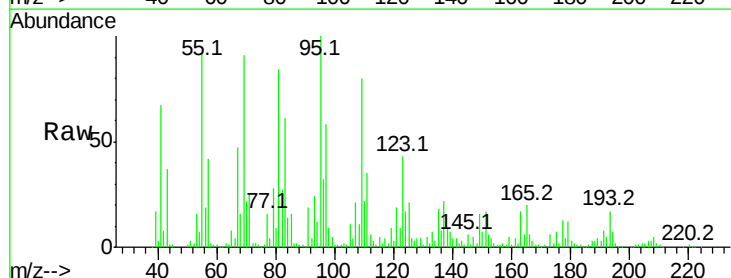
Instrument :
BNA_F
ClientSampled :

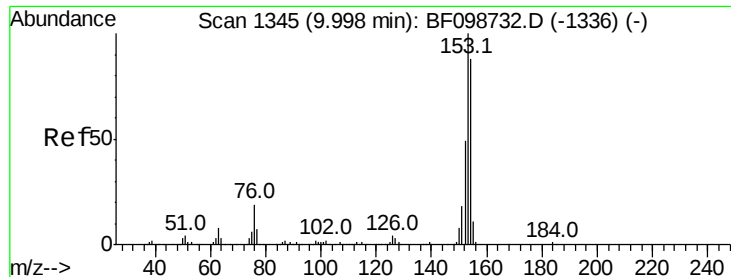
Tot Ion:163 Resp: 12427
Ion Ratio Lower Upper
163 100
194 43.2 2.7 4.1#
164 36.0 8.2 12.2#



#50
2,6-Dinitrotoluene
Concen: 214.770 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.14 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

Tgt Ion:165 Resp: 30476
Ion Ratio Lower Upper
165 100
63 7.6 44.7 67.1#
89 3.7 44.0 66.0#





#51

Acenaphthene

Concen: 2.104 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.04 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampleId :

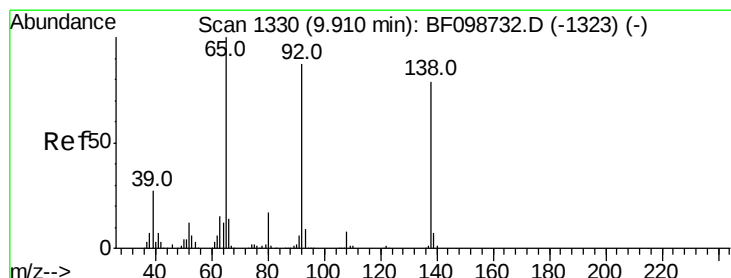
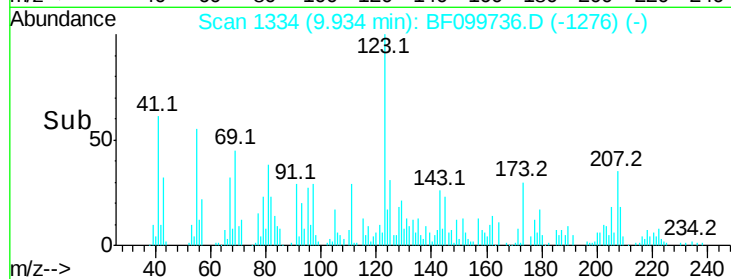
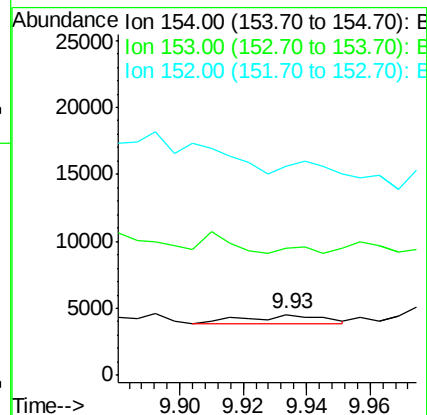
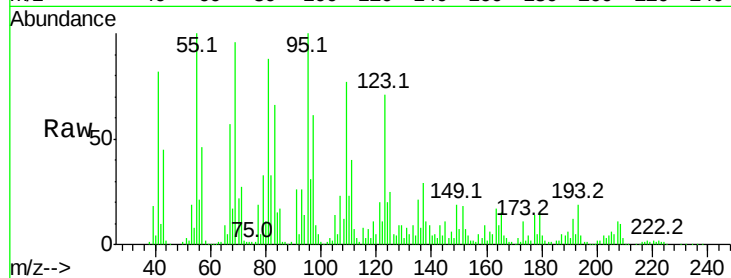
Tot Ion:154 Resp: 1137

Ion Ratio Lower Upper

154 100

153 208.4 91.2 136.8#

152 343.1 43.8 65.8#



#52

3-Nitroaniline

Concen: 39.581 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

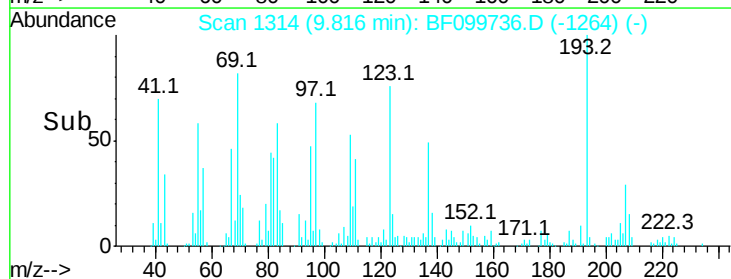
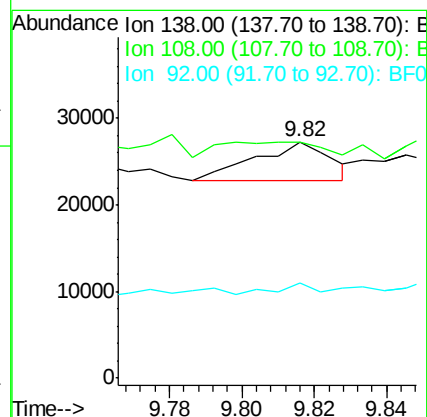
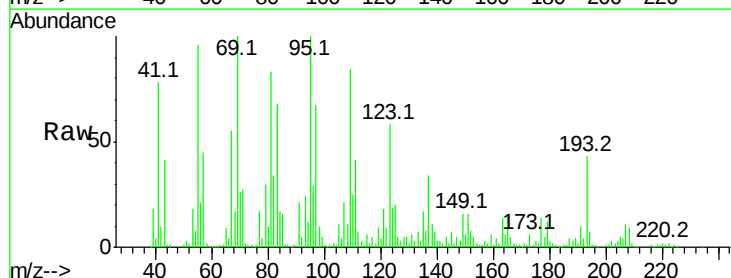
Tgt Ion:138 Resp: 6549

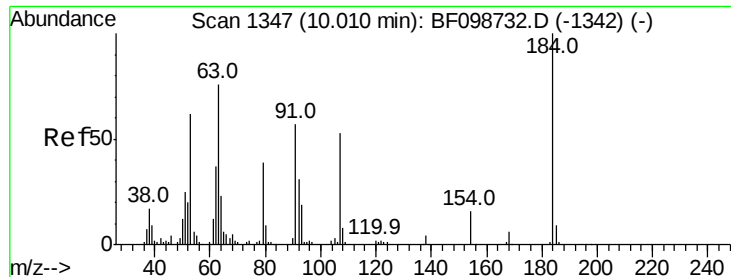
Ion Ratio Lower Upper

138 100

108 99.8 9.4 14.0#

92 40.0 89.4 134.2#

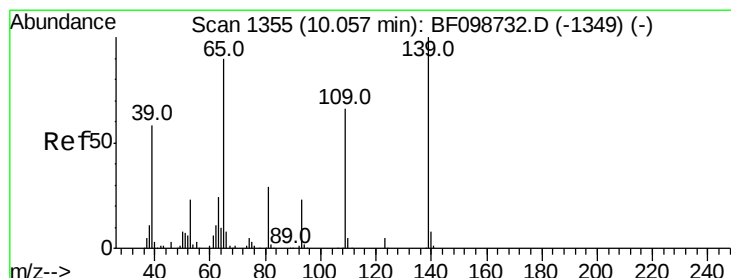
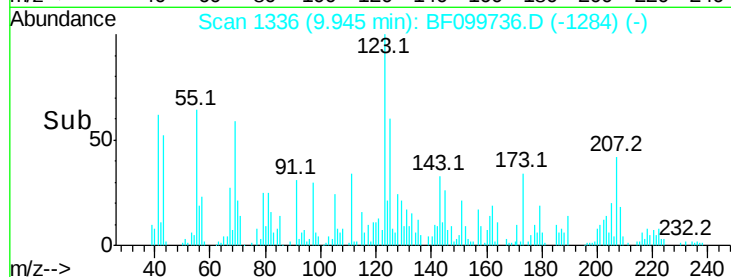
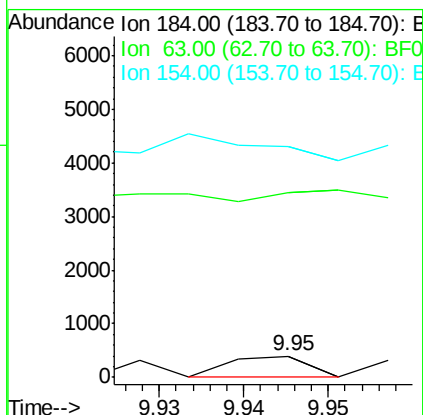
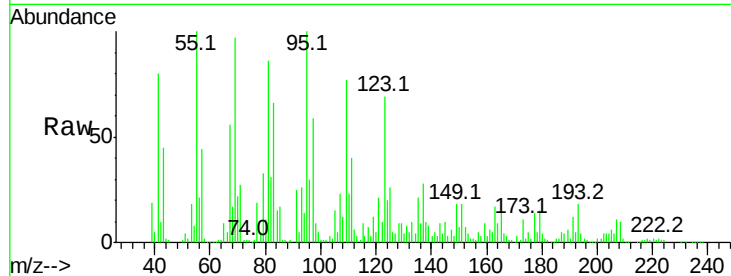




#53
 2,4-Dinitrophenol
 Concen: 9.116 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF099736.D
 Acq: 21 Oct 2017 19:07

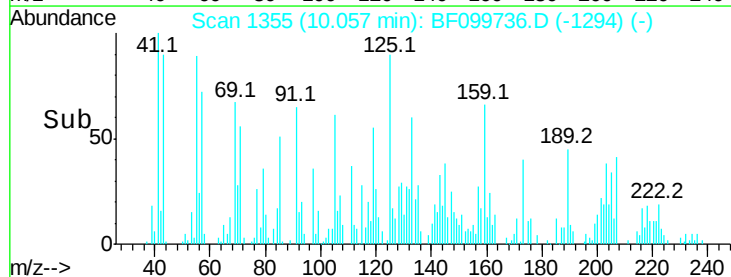
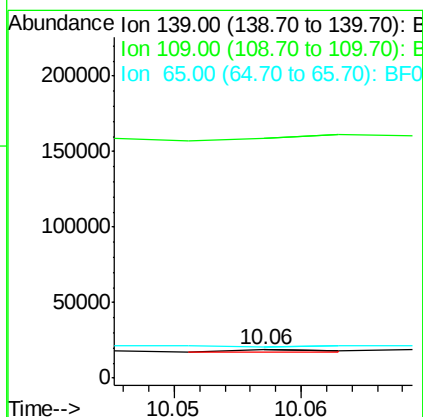
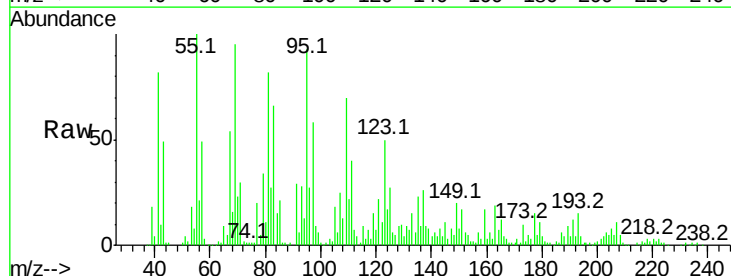
Instrument :
 BNA_F
 ClientSampleId :

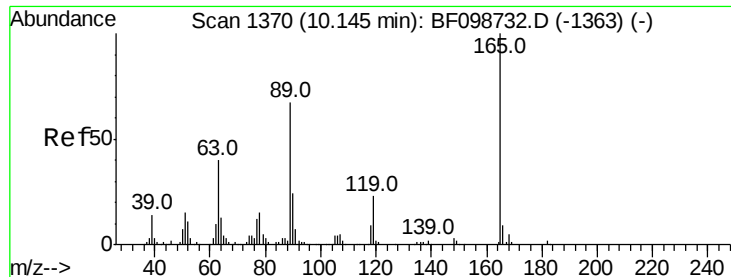
Tot Ion:184 Resp: 262
 Ion Ratio Lower Upper
 184 100
 63 873.4 54.2 81.2#
 154 1091.4 53.5 80.3#



#55
 4-Nitrophenol
 Concen: 4.617 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.06 min
 Lab File: BF099736.D
 Acq: 21 Oct 2017 19:07

Tgt Ion:139 Resp: 646
 Ion Ratio Lower Upper
 139 100
 109 843.8 48.4 88.4#
 65 110.9 72.6 112.6

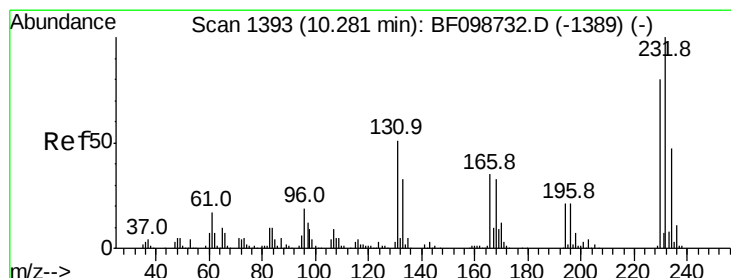
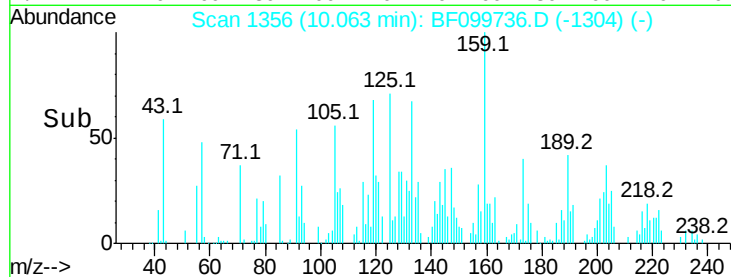
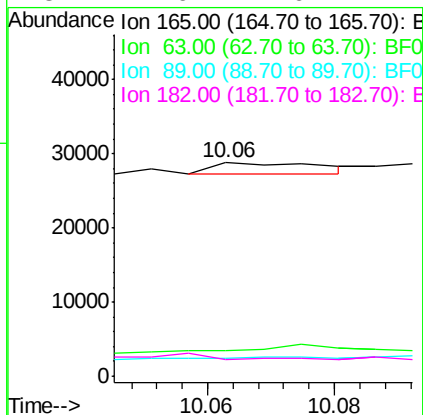
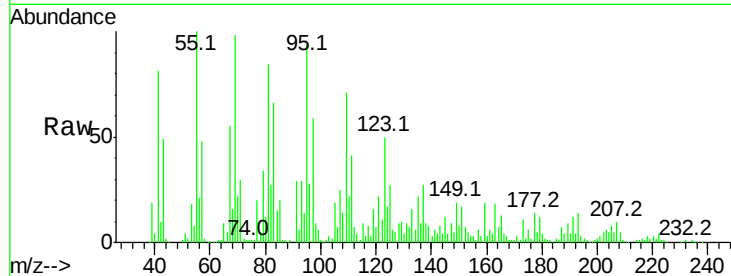




#56
 2,4-Dinitrotoluene
 Concen: 9.074 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF099736.D
 Acq: 21 Oct 2017 19:07

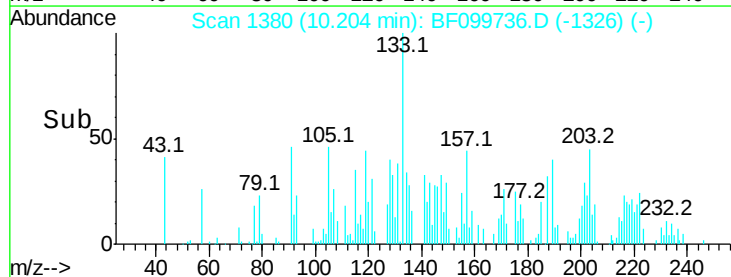
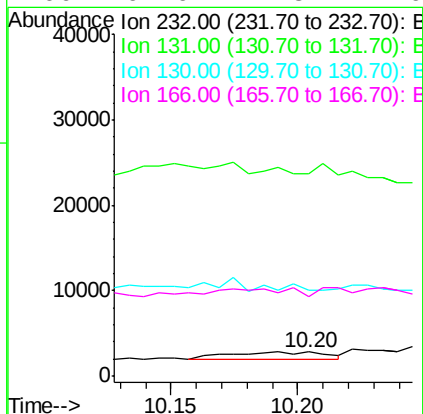
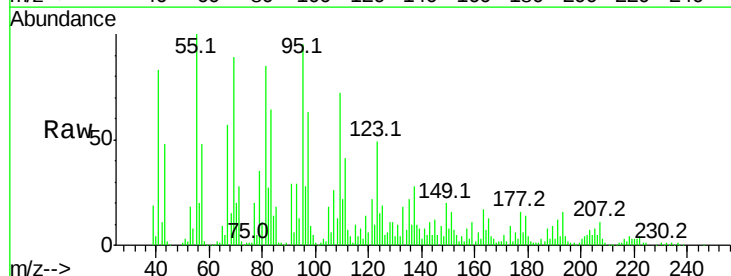
Instrument :
 BNA_F
 ClientSampled :

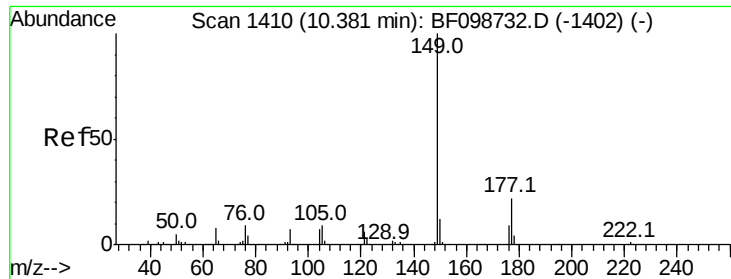
Tot Ion:165 Resp: 1671
 Ion Ratio Lower Upper
 165 100
 63 11.8 36.4 54.6#
 89 8.2 57.8 86.6#
 182 7.6 1.6 2.4#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.459 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.02 min
 Lab File: BF099736.D
 Acq: 21 Oct 2017 19:07

Tgt Ion:232 Resp: 1945
 Ion Ratio Lower Upper
 232 100
 131 0.0 43.8 65.8#
 130 0.0 2.1 3.1#
 166 67.6 27.8 41.6#

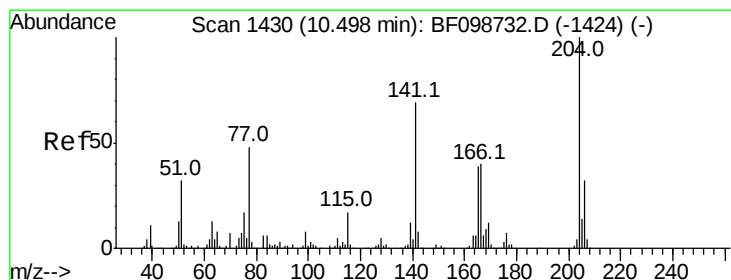
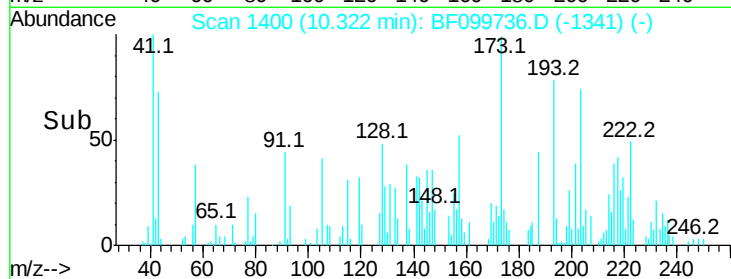
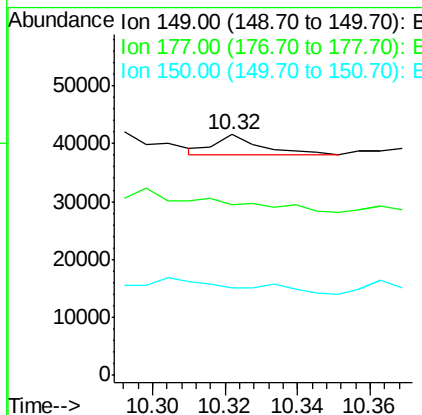
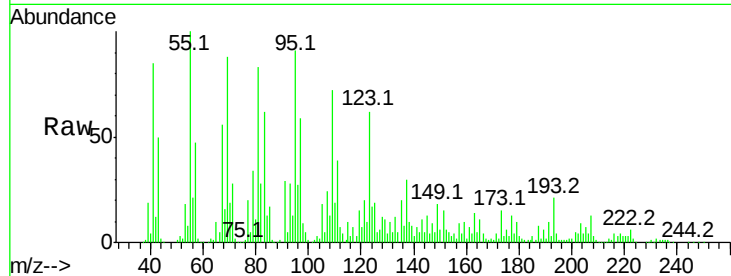




#59
Diethylphthalate
Concen: 5.004 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.05 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

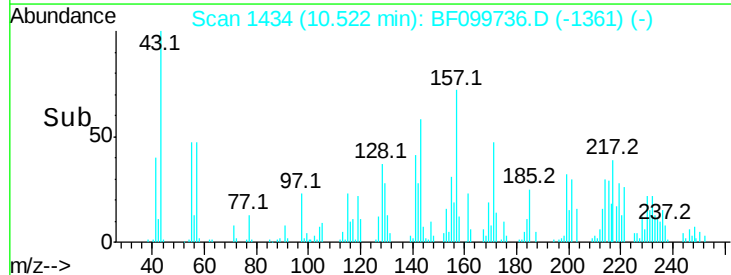
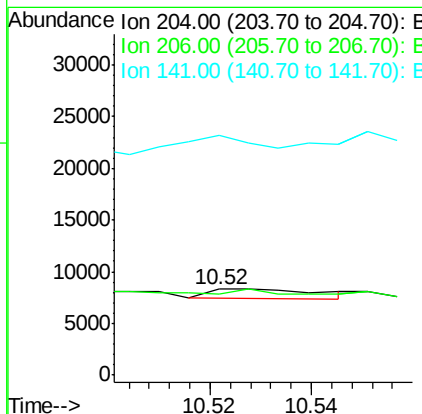
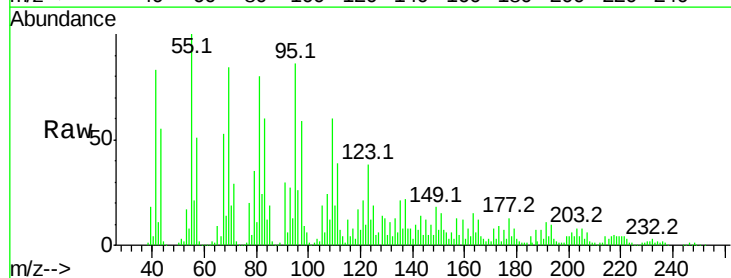
Instrument :
BNA_F
ClientSampleId :

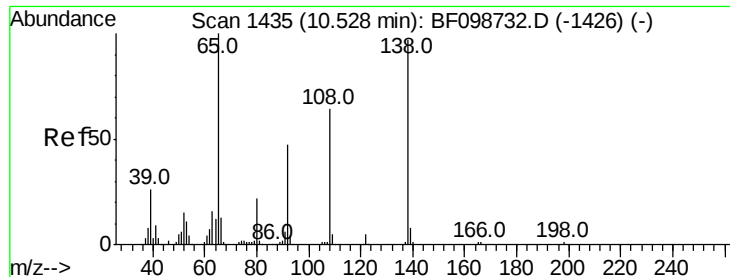
Tot Ion:149 Resp: 3187
Ion Ratio Lower Upper
149 100
177 70.6 16.1 24.1#
150 36.2 10.1 15.1#



#60
4-Chlorophenyl-phenylether
Concen: 4.912 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.13 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

Tgt Ion:204 Resp: 1276
Ion Ratio Lower Upper
204 100
206 94.1 26.5 39.7#
141 278.1 54.6 81.8#

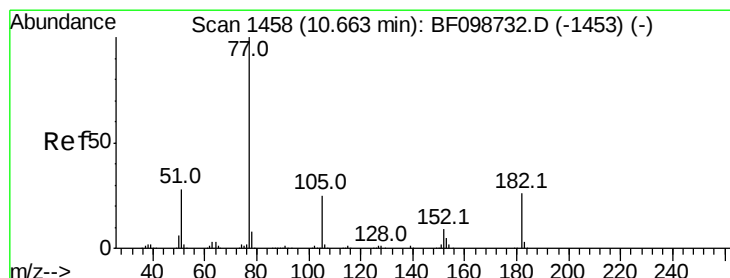
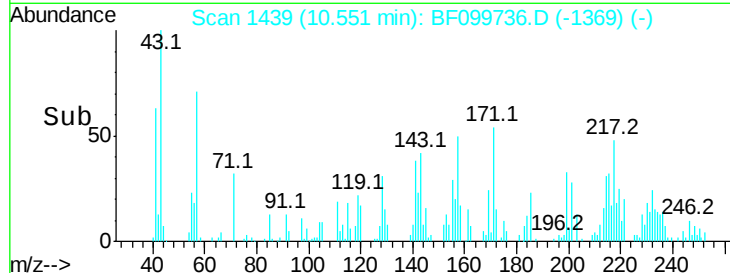
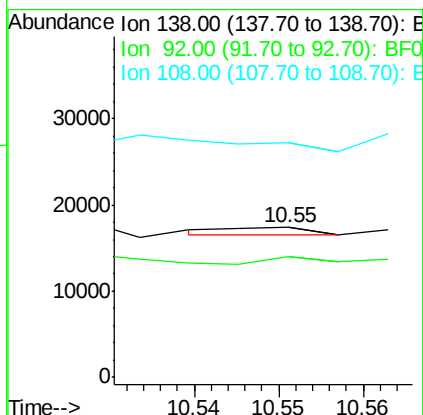
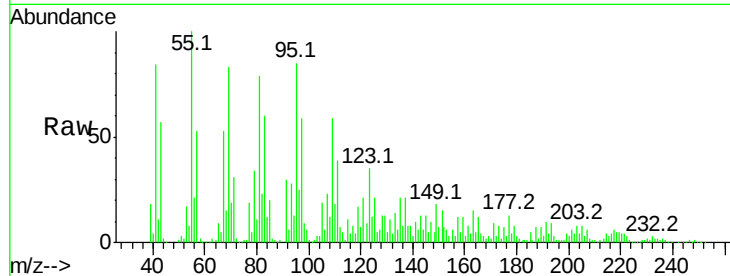




#61
4-Nitroaniline
Concen: 3.521 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.11 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

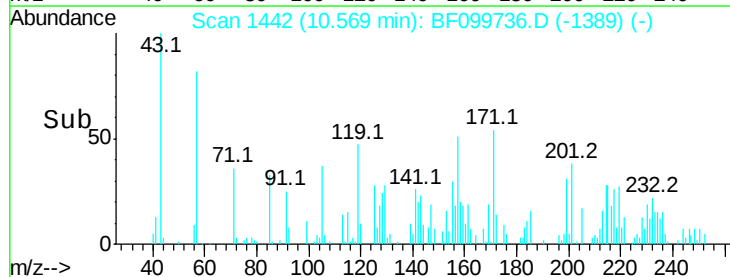
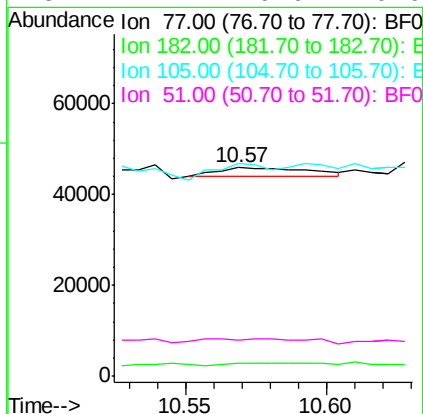
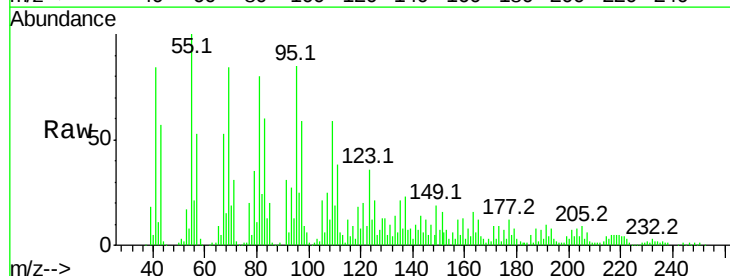
Instrument :
BNA_F
ClientSampleId :

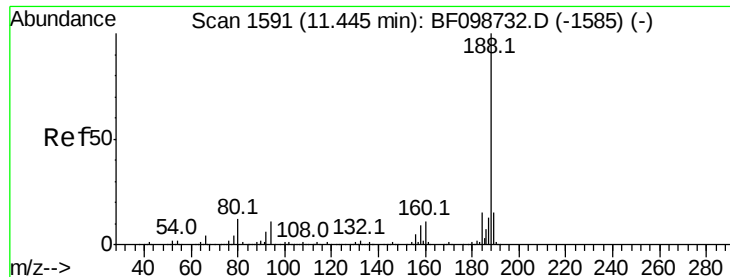
Tot Ion:138 Resp: 562
Ion Ratio Lower Upper
138 100
92 80.3 30.2 70.2#
108 156.2 52.5 92.5#



#62
Azobenzene
Concen: 7.756 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

Tgt Ion: 77 Resp: 4542
Ion Ratio Lower Upper
77 100
182 6.2 1.7 41.7
105 101.9 3.0 43.0#
51 17.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.02 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampled :

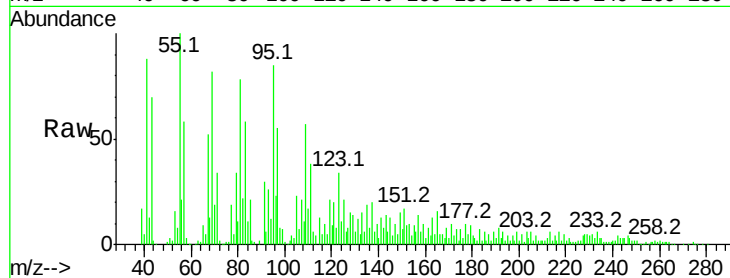
Tot Ion:188 Resp: 386

Ion Ratio Lower Upper

188 100

94 610.0 8.5 12.7#

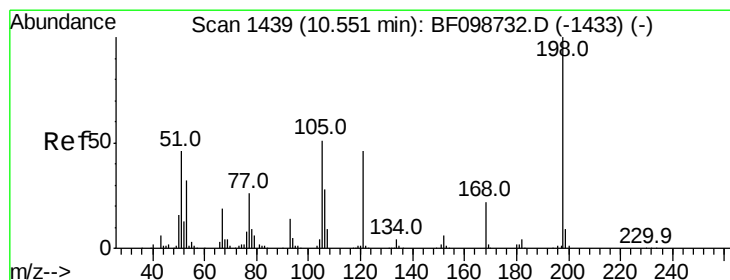
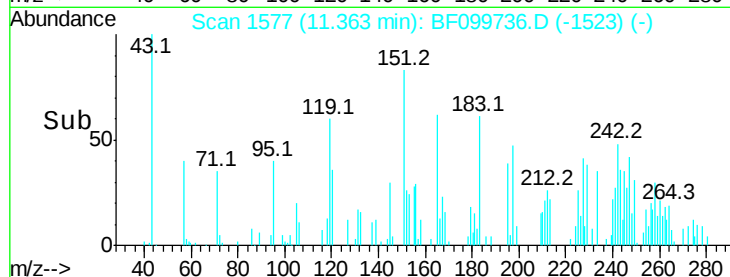
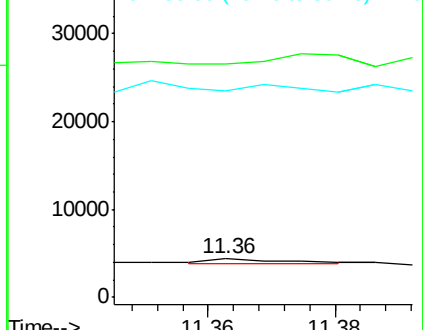
80 538.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 244.409 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.02 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

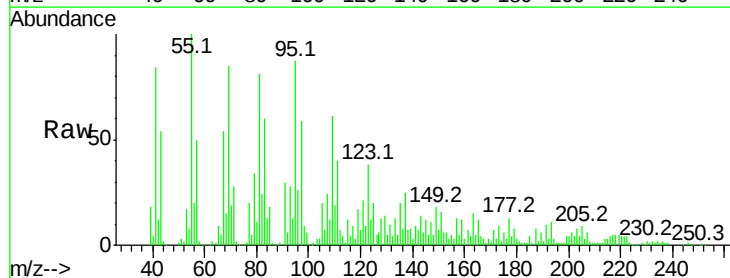
Tgt Ion:198 Resp: 574

Ion Ratio Lower Upper

198 100

51 400.6 37.7 77.7#

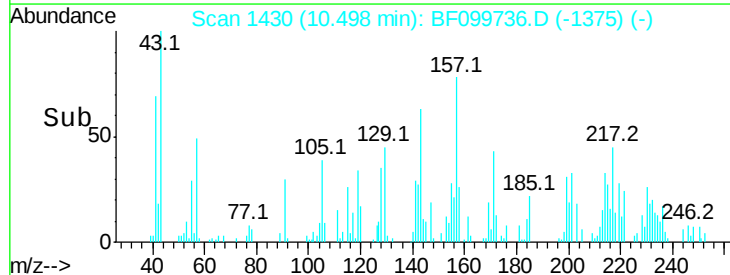
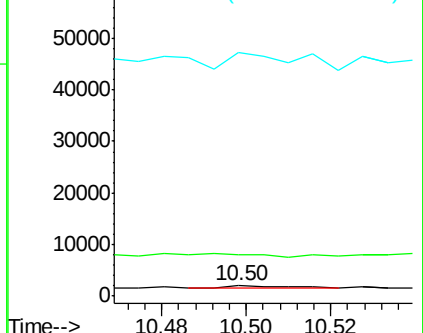
105 2353.0 36.3 76.3#

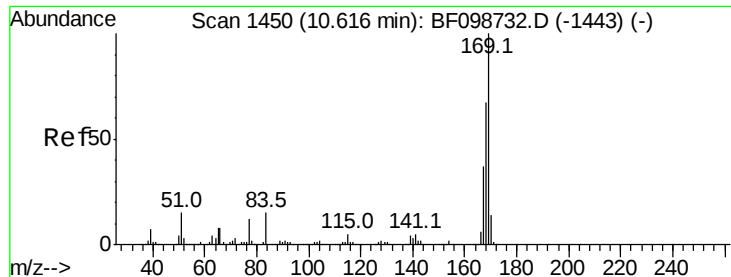


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 58.479 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampleId :

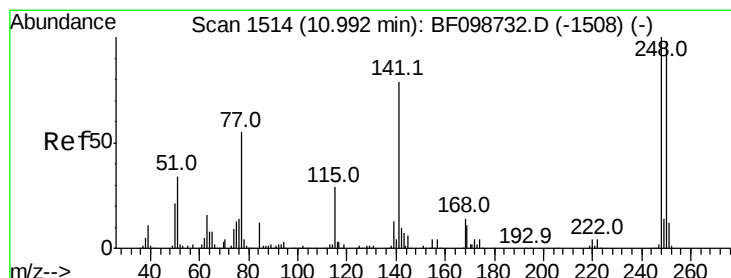
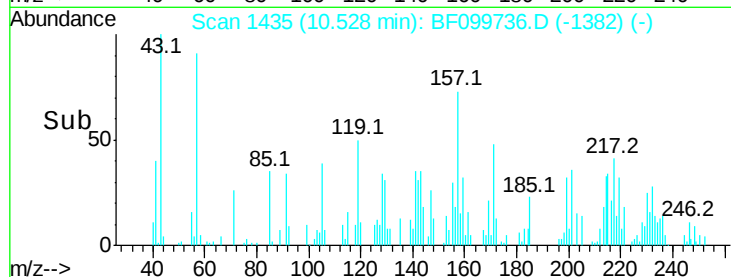
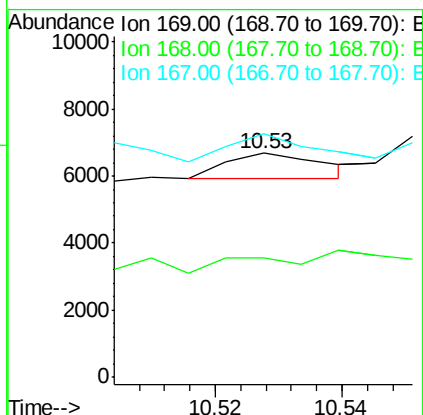
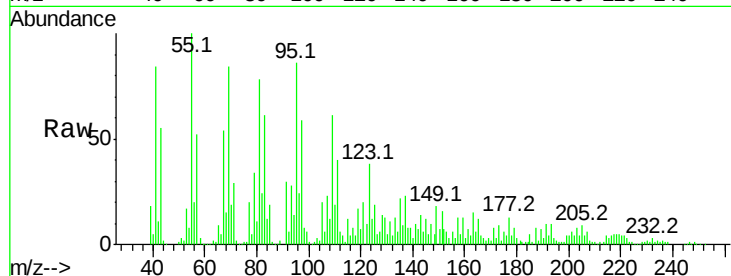
Tot Ion:169 Resp: 782

Ion Ratio Lower Upper

169 100

168 53.2 54.4 81.6#

167 108.5 29.8 44.6#



#66

4-Bromophenyl-phenylether

Concen: 99.251 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

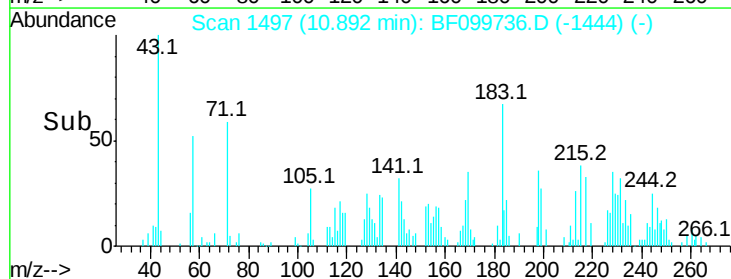
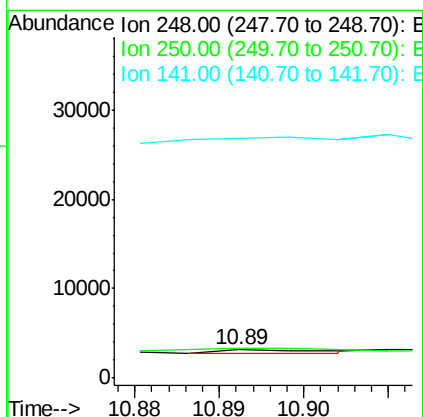
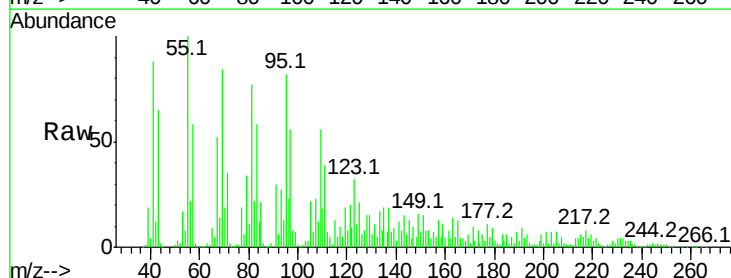
Tgt Ion:248 Resp: 375

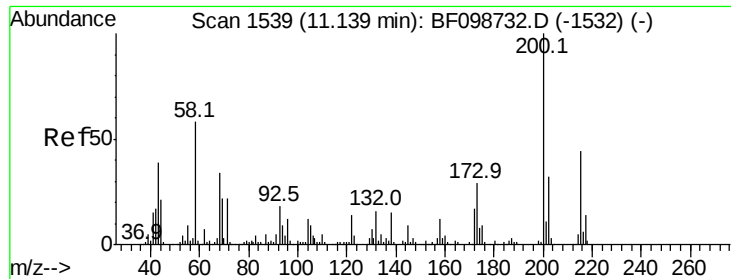
Ion Ratio Lower Upper

248 100

250 103.7 76.9 115.3

141 846.1 74.4 111.6#





#68

Atrazine

Concen: 228.918 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.04 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampled :

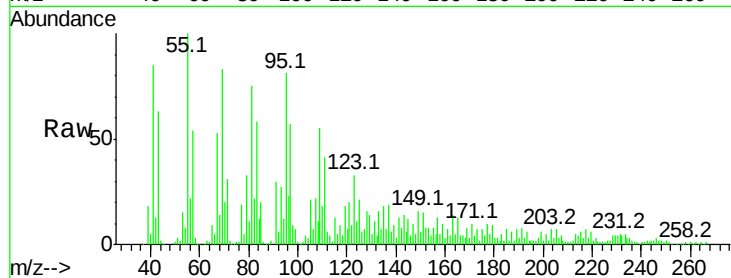
Tot Ion:200 Resp: 921

Ion Ratio Lower Upper

200 100

173 397.6 8.6 48.6#

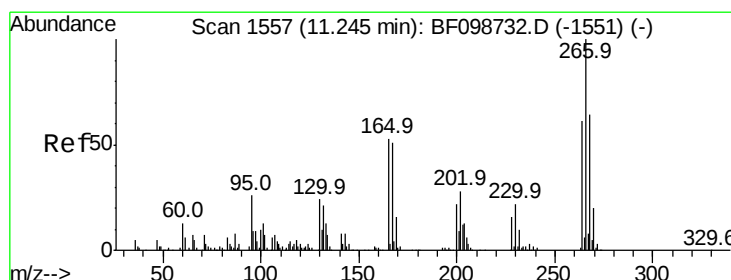
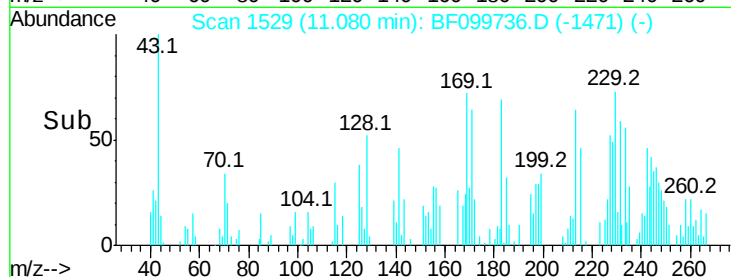
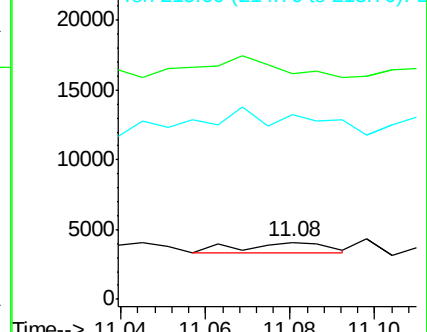
215 325.1 25.1 65.1#



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



#69

Pentachlorophenol

Concen: 283.898 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

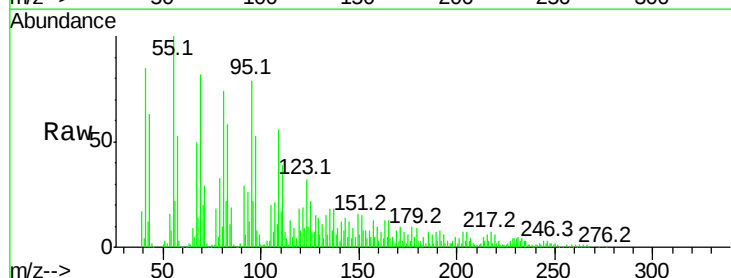
Tgt Ion:266 Resp: 713

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

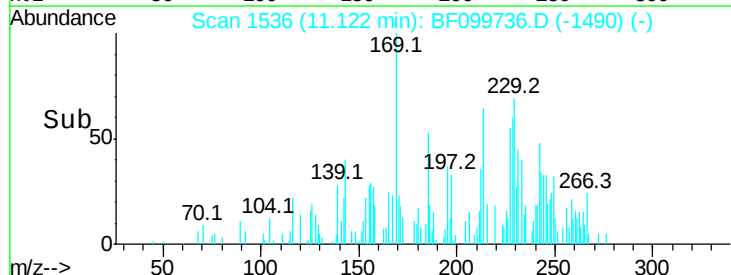
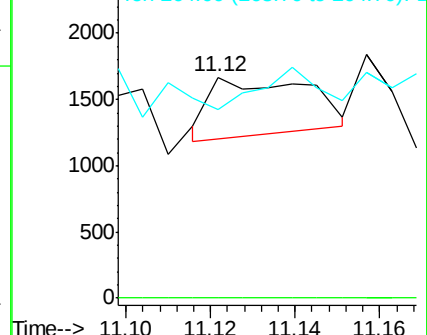
264 85.2 49.5 74.3#

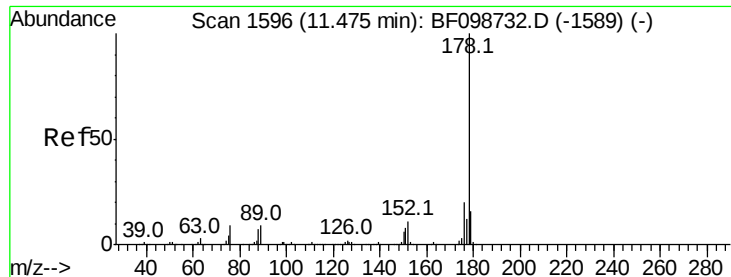


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

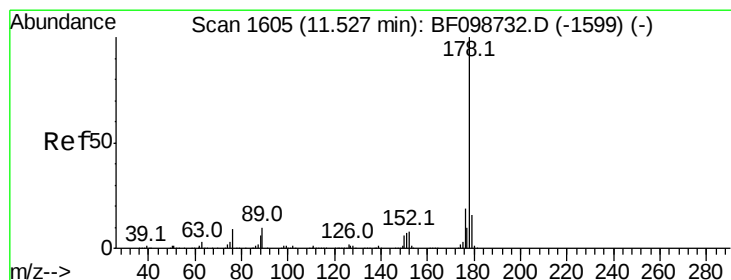
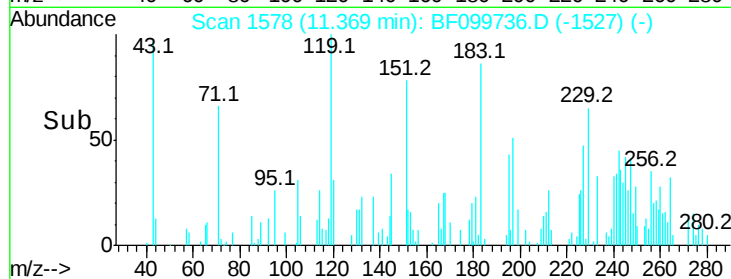
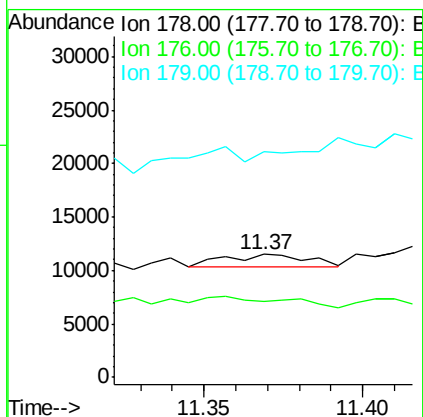
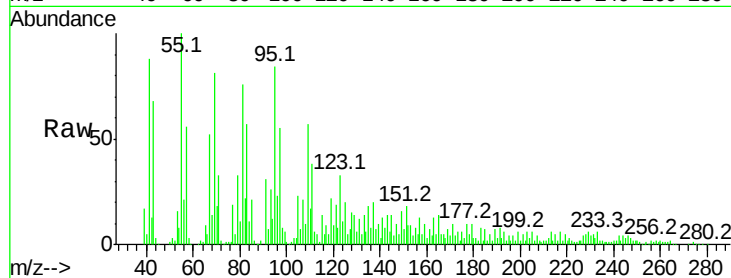




#70
Phenanthrene
Concen: 107.446 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

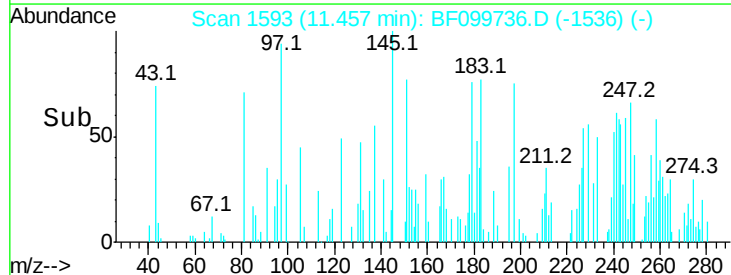
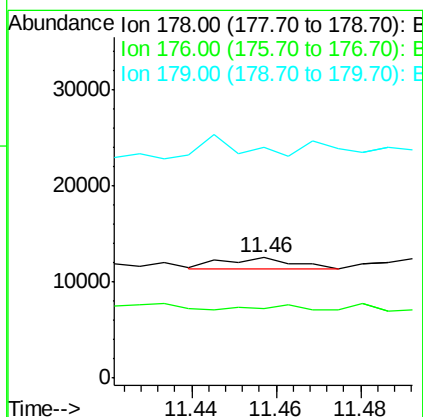
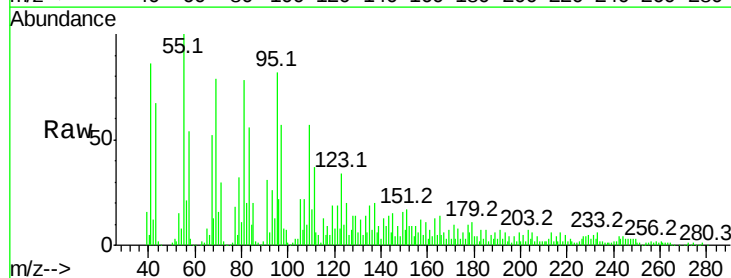
Instrument :
BNA_F
ClientSampleId :

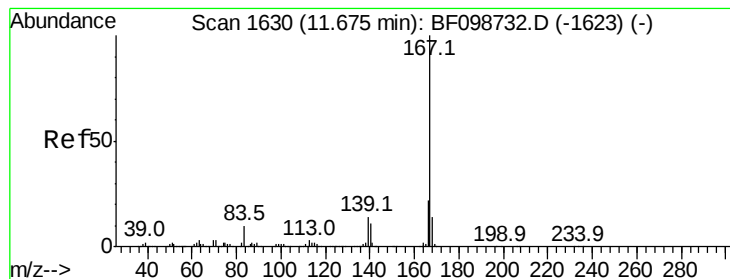
Tot Ion:178 Resp: 2220
Ion Ratio Lower Upper
178 100
176 61.4 15.8 23.8#
179 184.4 13.0 19.6#



#71
Anthracene
Concen: 69.440 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.04 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

Tgt Ion:178 Resp: 1468
Ion Ratio Lower Upper
178 100
176 58.2 15.4 23.2#
179 191.0 12.6 19.0#





#72

Carbazole

Concen: 199.976 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.03 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampleId :

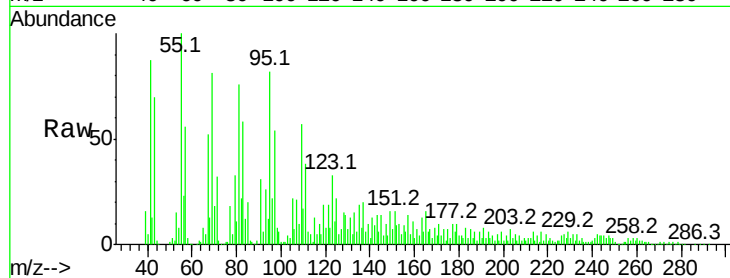
Tot Ion:167 Resp: 4140

Ion Ratio Lower Upper

167 100

166 86.3 17.6 26.4#

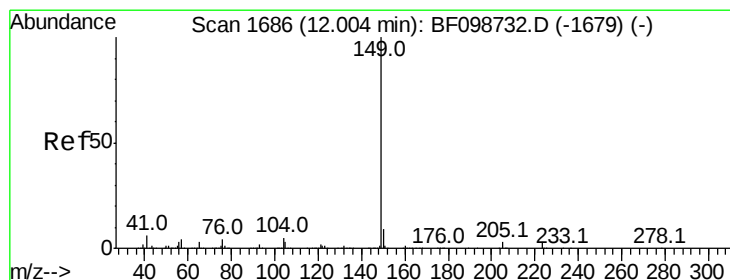
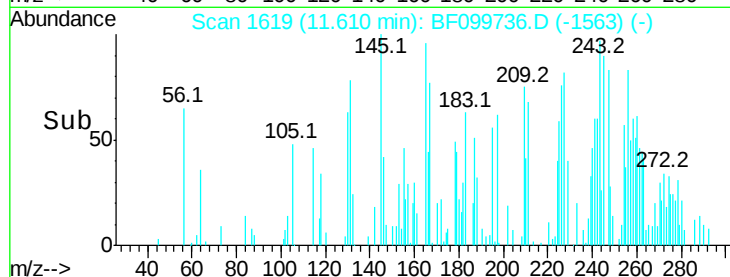
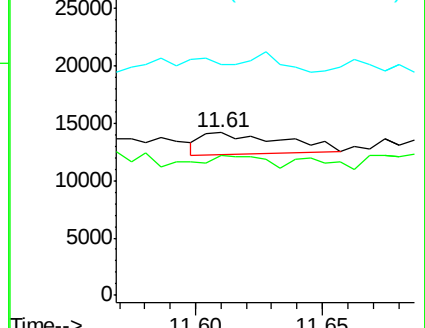
139 142.4 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 85.558 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.02 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

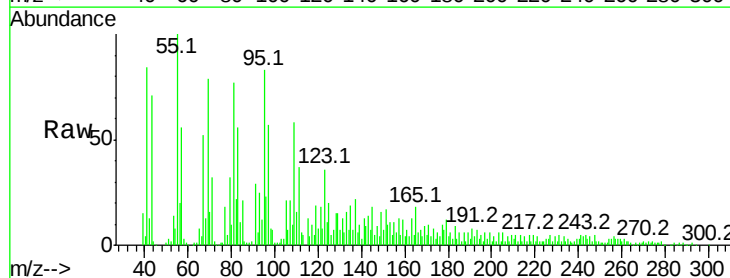
Tgt Ion:149 Resp: 2132

Ion Ratio Lower Upper

149 100

150 41.4 7.8 11.6#

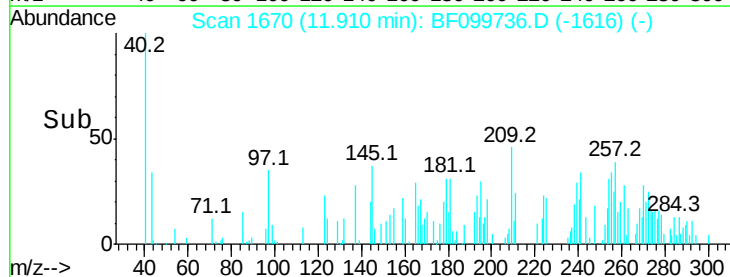
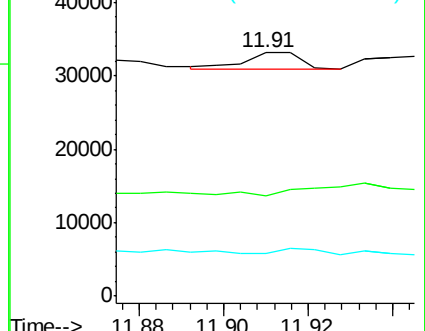
104 17.4 3.8 5.8#

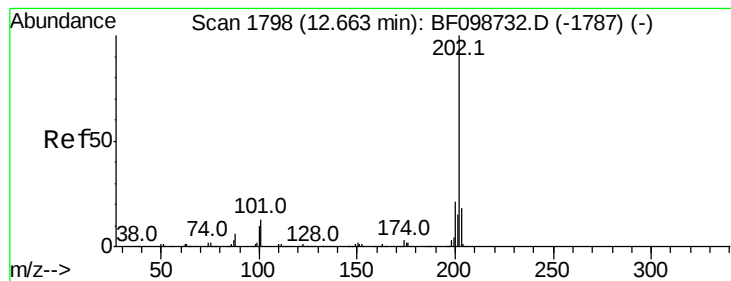


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 76.331 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.02 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampled :

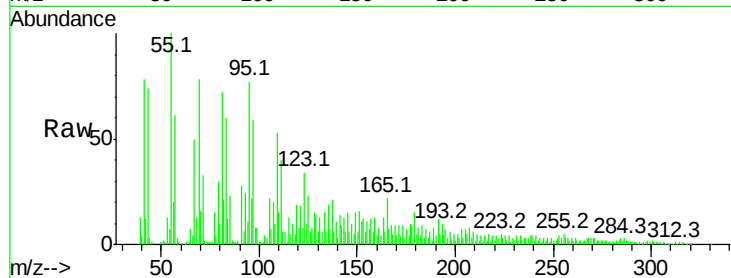
Tot Ion:202 Resp: 1597

Ion Ratio Lower Upper

202 100

101 38.3 0.0 34.1#

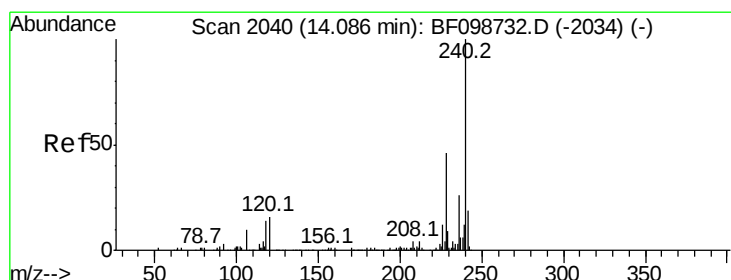
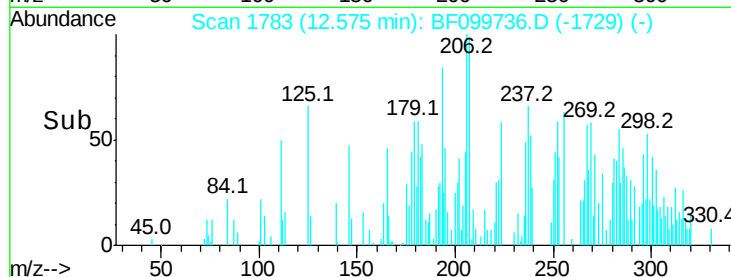
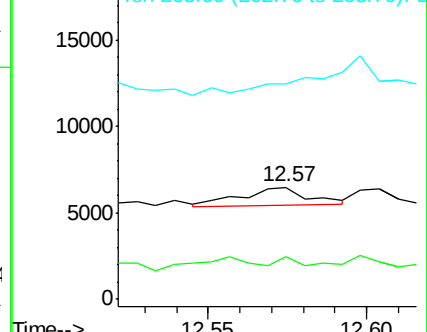
203 192.5 0.0 38.1#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

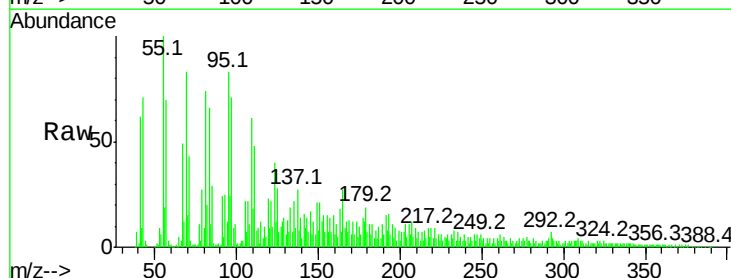
Tgt Ion:240 Resp: 2361

Ion Ratio Lower Upper

240 100

120 313.5 9.5 14.3#

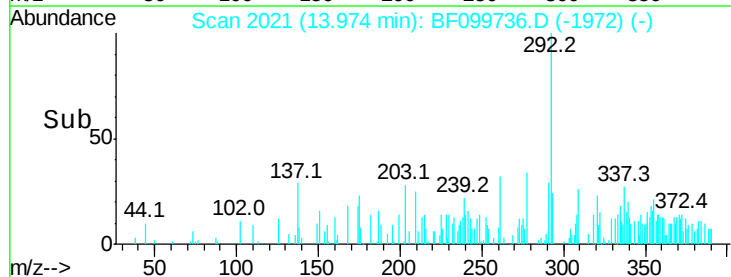
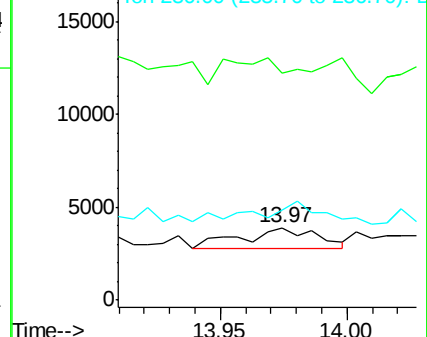
236 124.3 20.7 31.1#

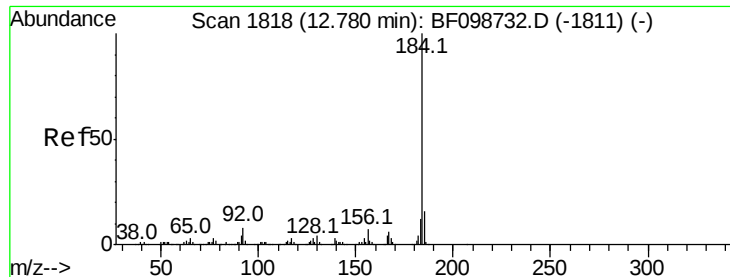


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 13.341 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampled :

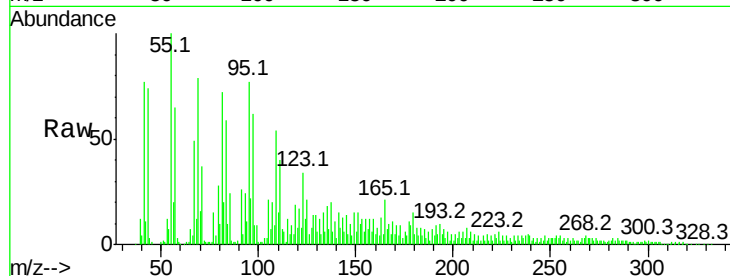
Tot Ion:184 Resp: 1165

Ion Ratio Lower Upper

184 100

185 181.1 12.6 18.8#

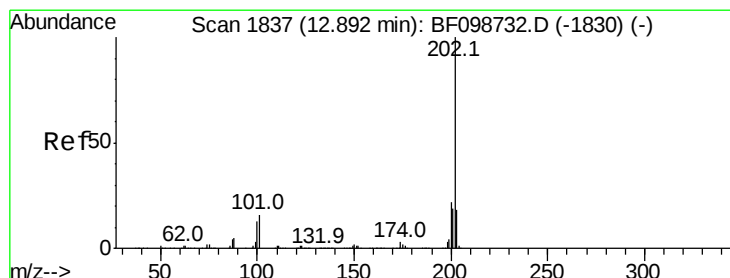
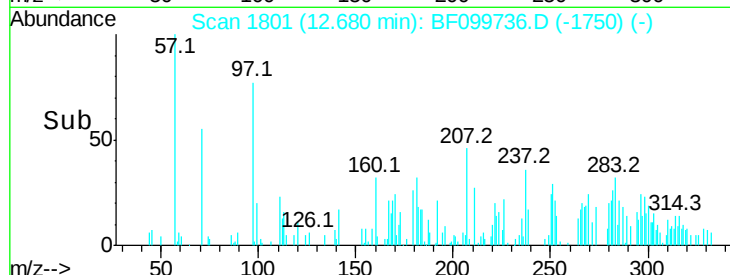
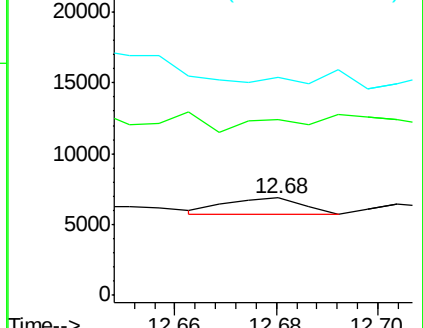
183 223.8 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 3.466 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

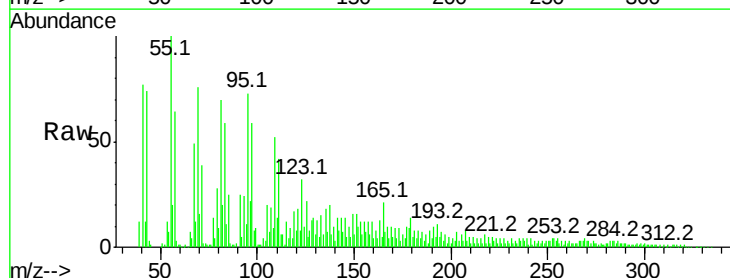
Tgt Ion:202 Resp: 624

Ion Ratio Lower Upper

202 100

200 71.9 17.4 26.2#

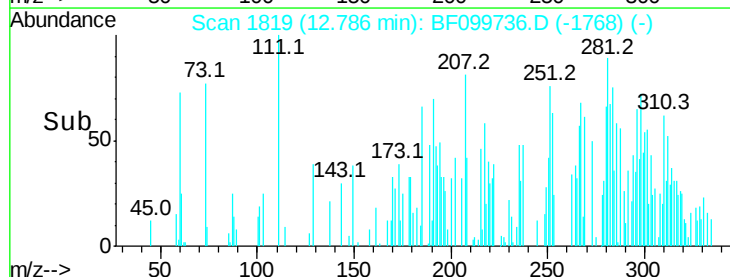
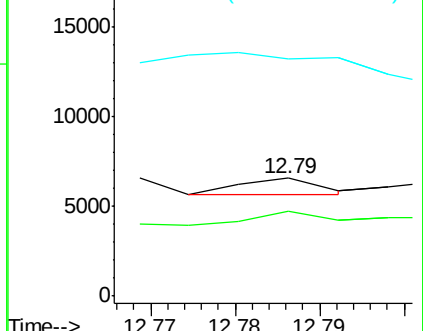
203 202.1 14.3 21.5#

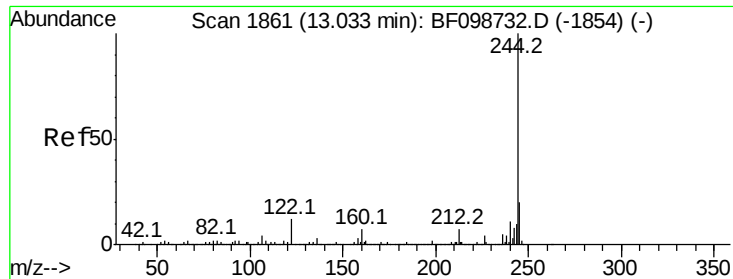


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 698.549 ng

RT: 13.05 min Scan# 1864

Delta R.T. 0.13 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :

BNA_F

ClientSampleId :

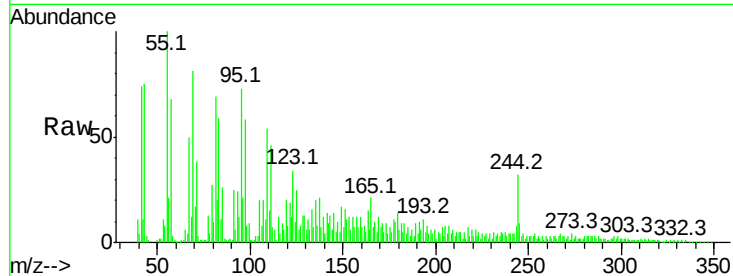
Tot Ion:244 Resp: 72521

Ion Ratio Lower Upper

244 100

212 14.3 5.4 8.0#

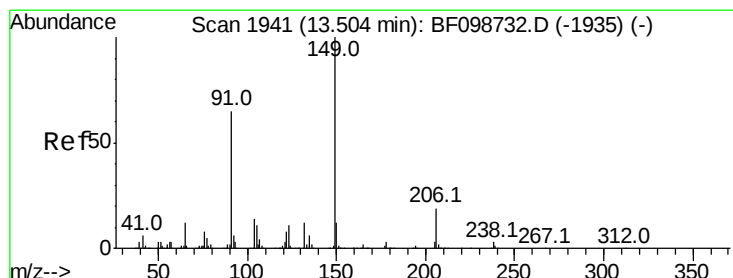
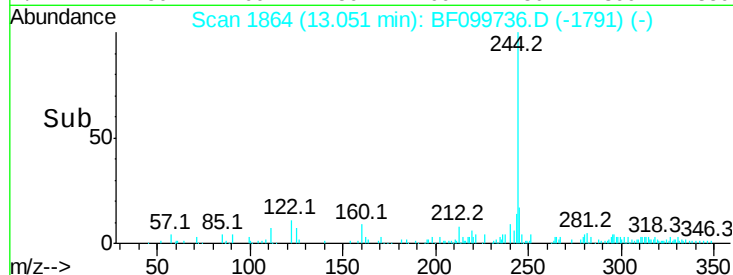
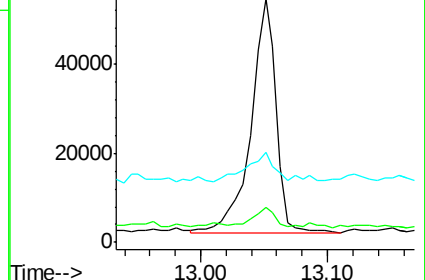
122 36.8 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 15.541 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

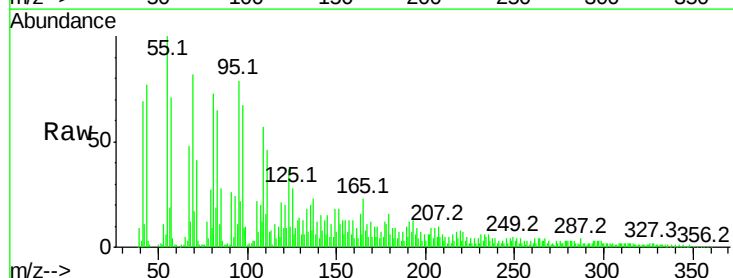
Tgt Ion:149 Resp: 1315

Ion Ratio Lower Upper

149 100

91 144.3 56.8 85.2#

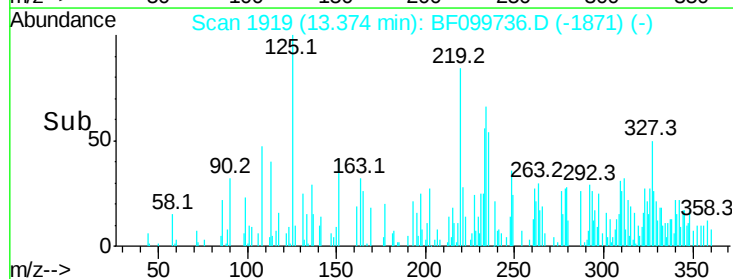
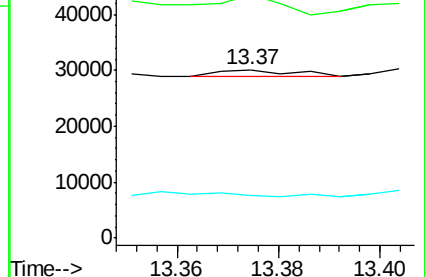
206 25.2 14.1 21.1#

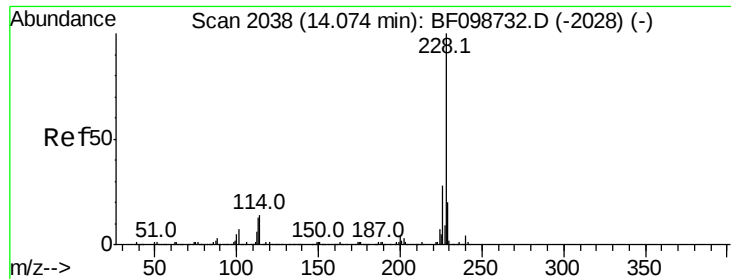


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 6.092 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

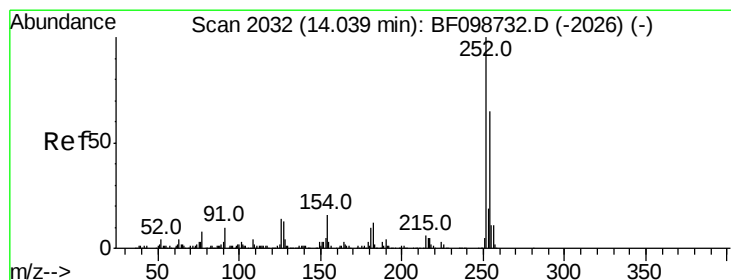
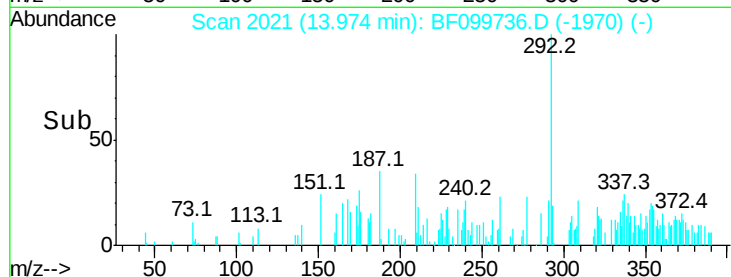
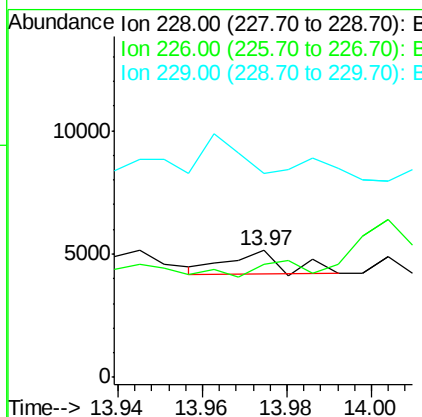
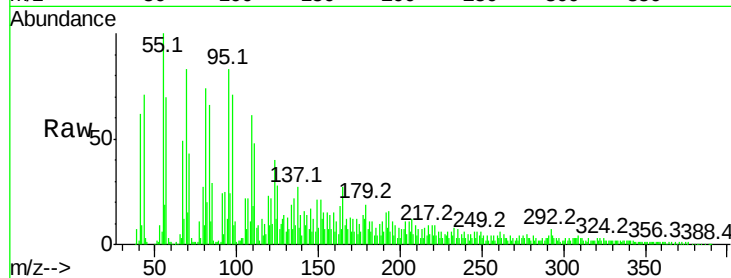
Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 871

Ion	Ratio	Lower	Upper
228	100		
226	89.3	22.6	33.8#
229	160.6	15.8	23.6#



#81

3,3'-Dichlorobenzidine

Concen: 9.731 ng

RT: 13.93 min Scan# 2014

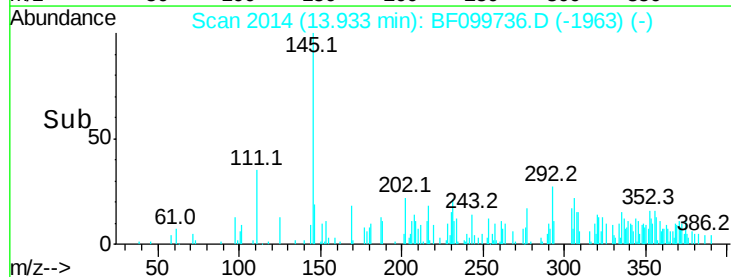
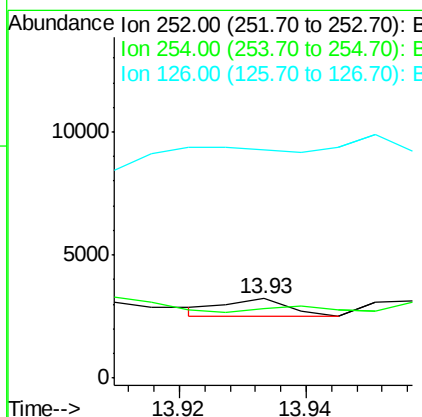
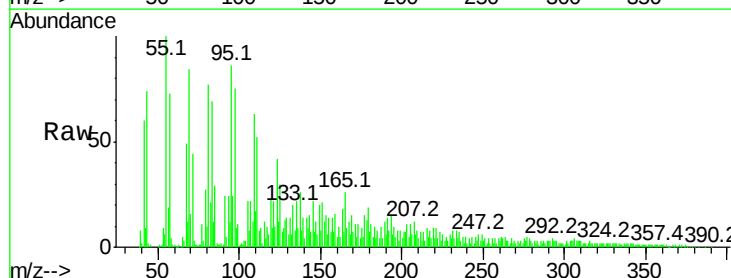
Delta R.T. 0.00 min

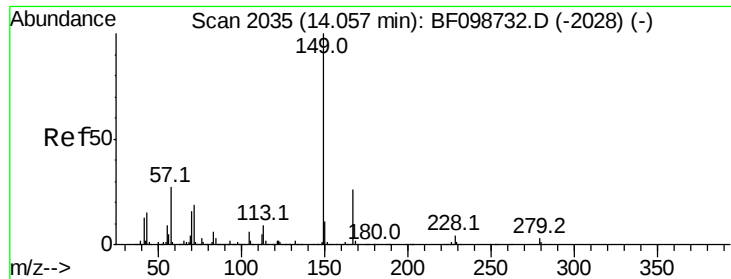
Lab File: BF099736.D

Acq: 21 Oct 2017 19:07

Tgt Ion:252 Resp: 510

Ion	Ratio	Lower	Upper
252	100		
254	87.8	50.4	75.6#
126	287.4	11.3	16.9#

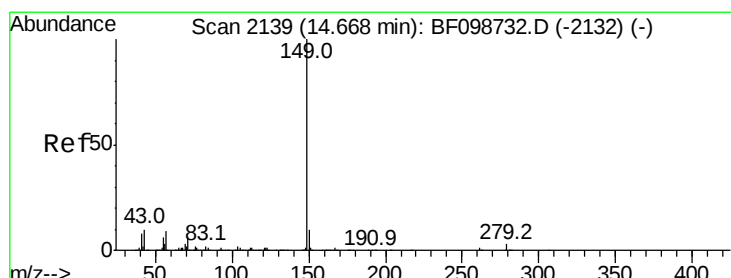
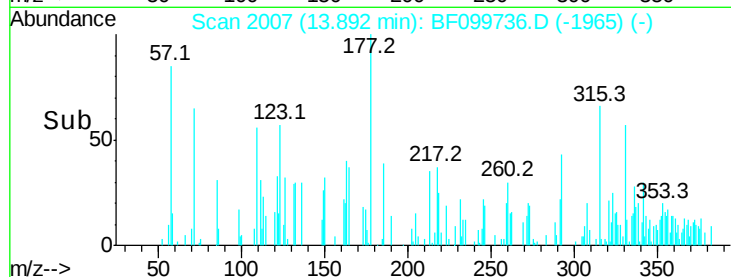
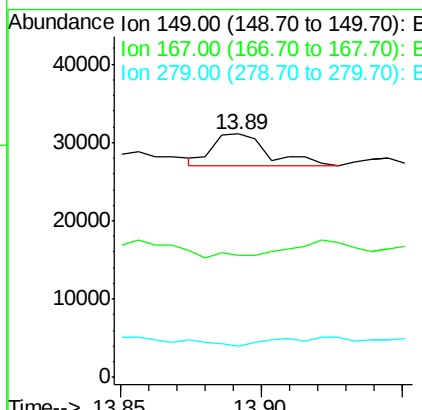
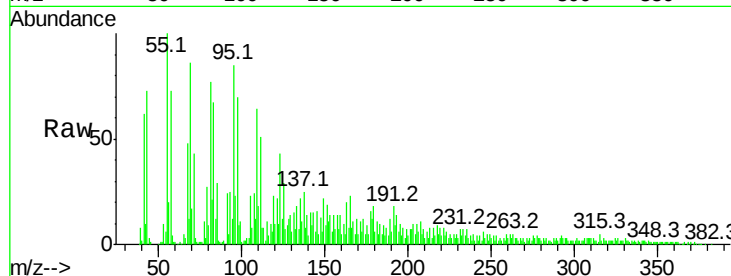




#83
Bis(2-ethylhexyl)phthalate
Concen: 49.096 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.05 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

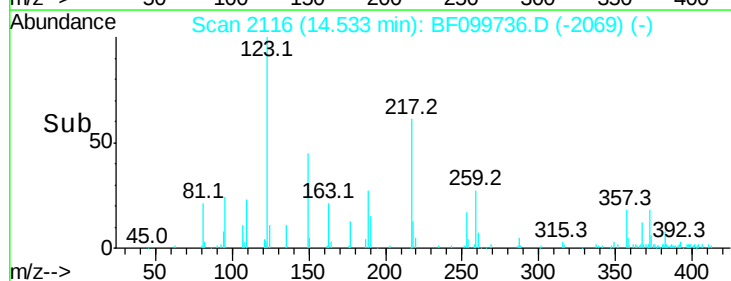
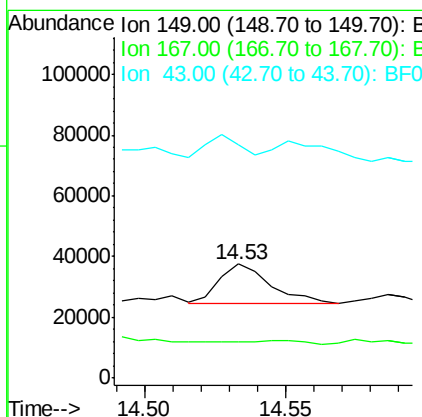
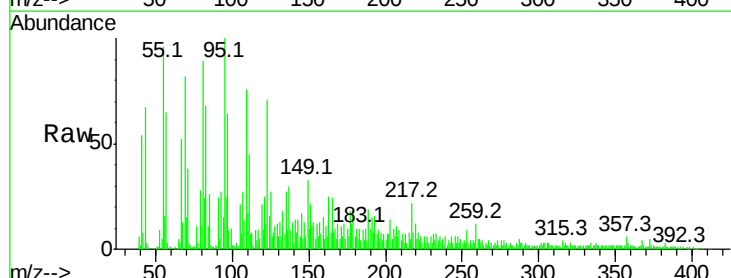
Instrument :
BNA_F
ClientSampleId :

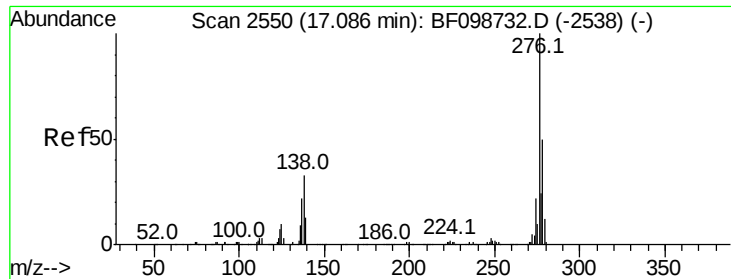
Tot Ion:149 Resp: 5720
Ion Ratio Lower Upper
149 100
167 50.1 21.3 31.9#
279 13.0 3.0 4.4#



#84
Di-n-octyl phthalate
Concen: 85.234 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

Tgt Ion:149 Resp: 15990
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 36.0 8.4 12.6#

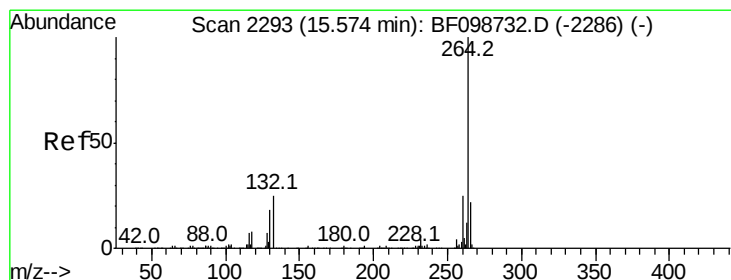
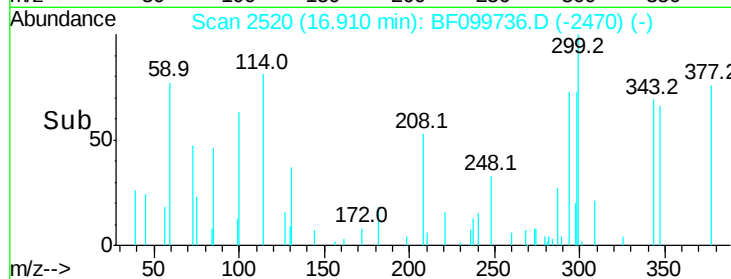
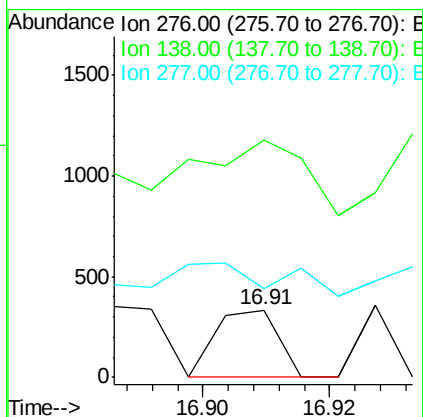
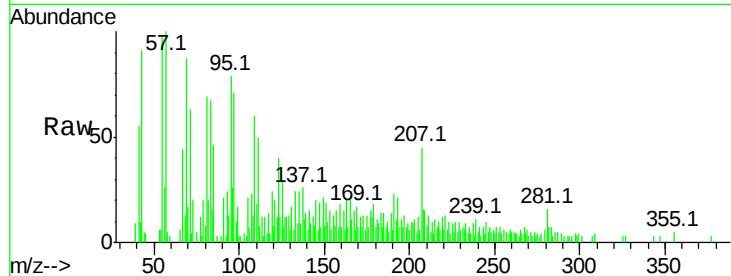




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.076 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 226
Ion Ratio Lower Upper
276 100
138 184.1 25.0 37.6#
277 75.7 20.1 30.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.06 min
Lab File: BF099736.D
Acq: 21 Oct 2017 19:07

Tgt Ion:264 Resp: 139753
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.2 17.5 26.3

