

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109104.D
 Acq On : 18 Sep 2018 19:08
 Operator : JU/SJ
 Sample : J4949-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 04:02:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119099	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	402558	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	7093	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	4093	20.00	ng	-0.08
75) Chrysene-d12	13.93	240	229278	20.00	ng	0.07
86) Perylene-d12	15.30	264	322814	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	239813	33.44	ng	0.00
7) Phenol-d6	6.35	99	286181	30.95	ng	0.00
23) Nitrobenzene-d5	7.28	82	160783	22.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	37724	490.06	ng	0.05
44) 2-Fluorobiphenyl	9.08	172	236433	522.24	ng	0.00
78) Terphenyl-d14	12.90	244	144128	14.90	ng	0.08

Target Compounds				Qvalue		
25) Isophorone	7.28	82	158557	12.852	ng	# 64
42) 2,4,6-Trichlorophenol	8.98	196	733	4.885	ng	# 13
43) 2,4,5-Trichlorophenol	9.02	196	907	5.784	ng	# 1
45) 1,1'-Biphenyl	9.19	154	3314	5.840	ng	# 1
46) 2-Chloronaphthalene	9.19	162	1961	4.315	ng	# 1
47) 2-Nitroaniline	9.18	65	7920	56.688	ng	# 60
48) Acenaphthylene	9.61	152	9312	13.590	ng	# 1
49) Dimethylphthalate	9.48	163	43397	85.602	ng	# 28
50) 2,6-Dinitrotoluene	9.51	165	17814	158.449	ng	# 29
51) Acenaphthene	9.76	154	4698	11.011	ng	# 1
52) 3-Nitroaniline	9.69	138	6642	50.172	ng	# 18
53) 2,4-Dinitrophenol	9.78	184	348	8.032	ng	# 1
54) Dibenzofuran	9.91	168	1410	2.287	ng	# 1
55) 4-Nitrophenol	9.82	139	16260	166.704	ng	# 1
56) 2,4-Dinitrotoluene	9.90	165	20011	136.100	ng	# 30
57) Fluorene	10.27	166	3164	7.700	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.06	232	1259	9.697	ng	# 1
59) Diethylphthalate	10.15	149	22286	43.532	ng	# 14
60) 4-Chlorophenyl-phenylether	10.30	204	4707	21.394	ng	# 1
61) 4-Nitroaniline	10.31	138	24466	194.521	ng	# 57
62) Azobenzene	10.44	77	10469	19.977	ng	# 40
64) 4,6-Dinitro-2-methylphenol	10.31	198	1073	54.792	ng	# 1
65) n-Nitrosodiphenylamine	10.37	169	2444	18.254	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	5022	108.835	ng	# 1
68) Atrazine	10.88	200	1273	29.702	ng	# 1
69) Pentachlorophenol	10.97	266	32501	1029.229	ng	# 43
70) Phenanthrene	11.19	178	4455	22.204	ng	# 1
71) Anthracene	11.19	178	4455	21.904	ng	# 1
72) Carbazole	11.35	167	8995	44.677	ng	# 1
73) Di-n-butylphthalate	11.71	149	2346	9.954	ng	# 26
74) Fluoranthene	12.36	202	1533	7.237	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.90	149	35351	3.838	ng	# 67

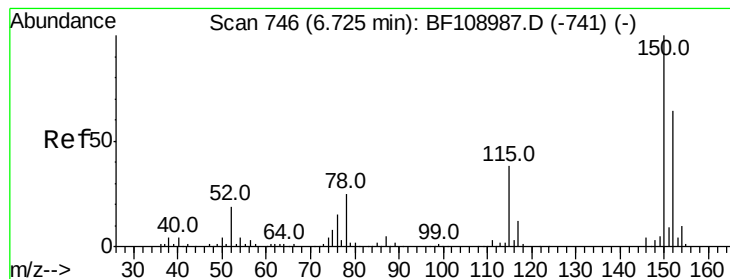
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109104.D
Acq On : 18 Sep 2018 19:08
Operator : JU/SJ
Sample : J4949-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Sep 19 04:02:42 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

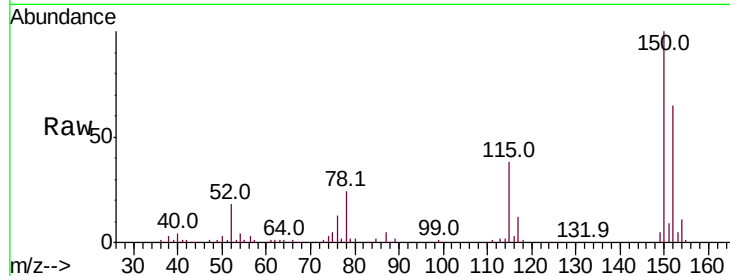


#1

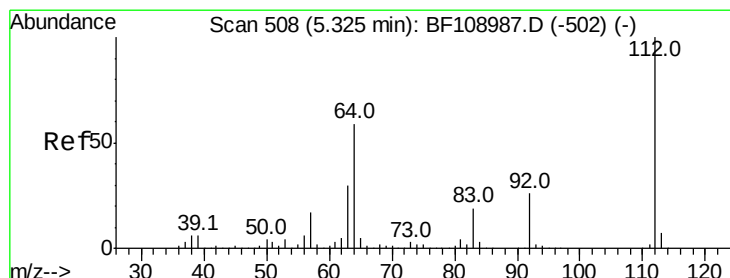
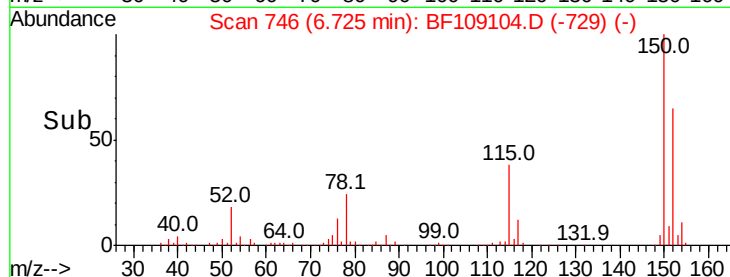
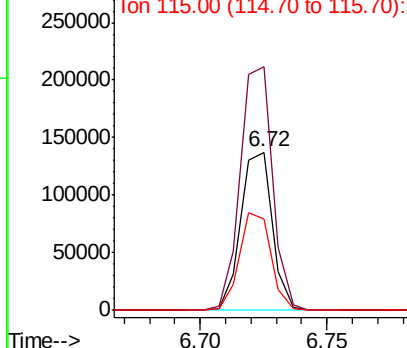
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119099
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 57.8 50.1 75.1



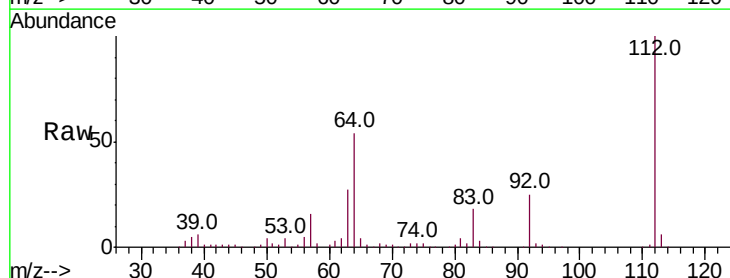
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



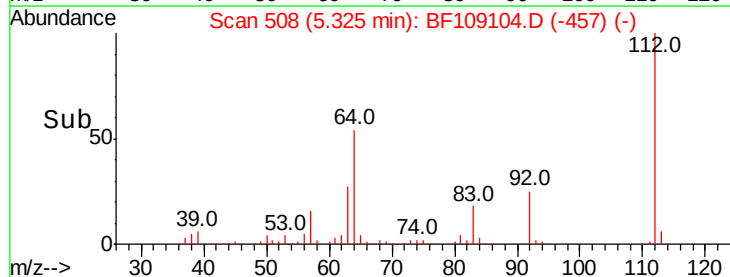
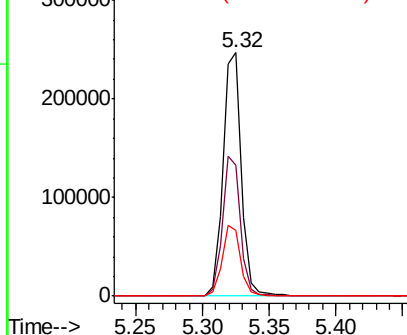
#5

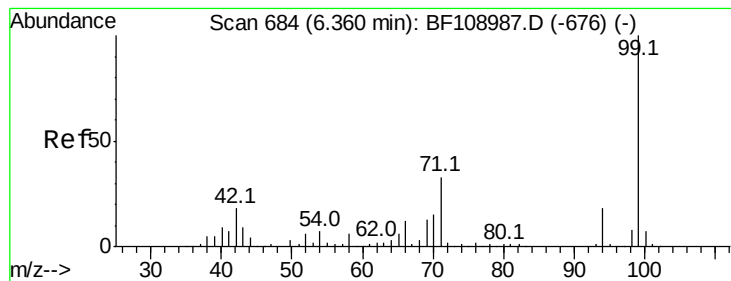
2-Fluorophenol
Concen: 33.443 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion:112 Resp: 239813
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.0 23.7 35.5



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: 30.950 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampleId :

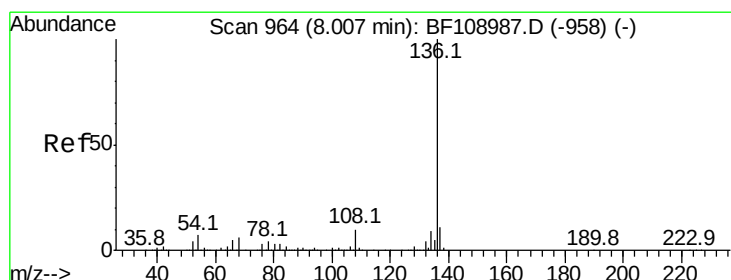
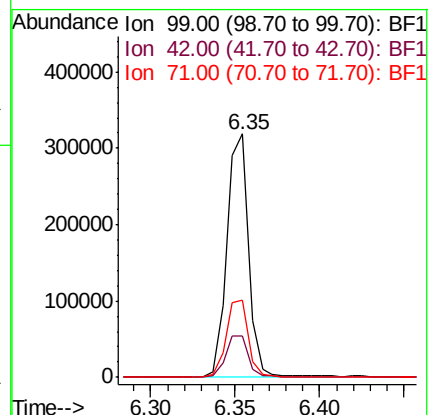
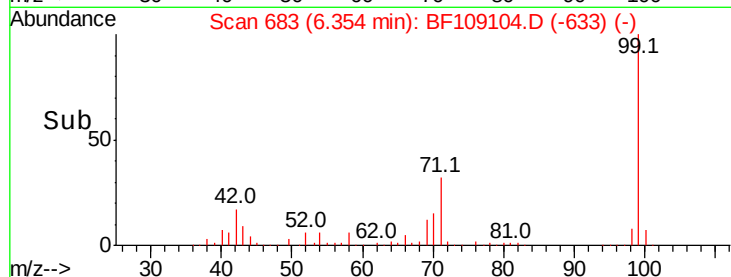
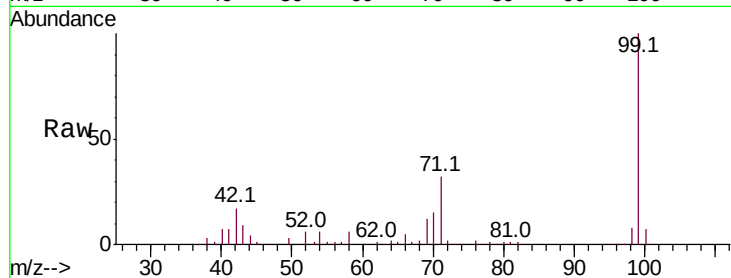
Tot Ion: 99 Resp: 286181

Ion Ratio Lower Upper

99 100

42 17.0 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Tgt Ion: 136 Resp: 402558

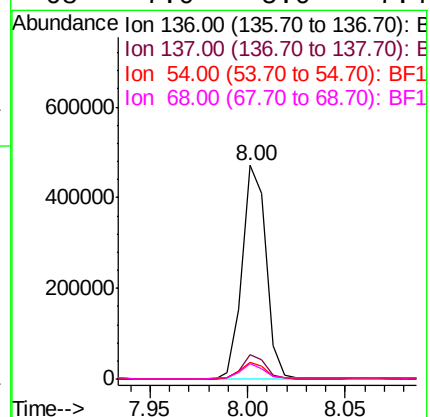
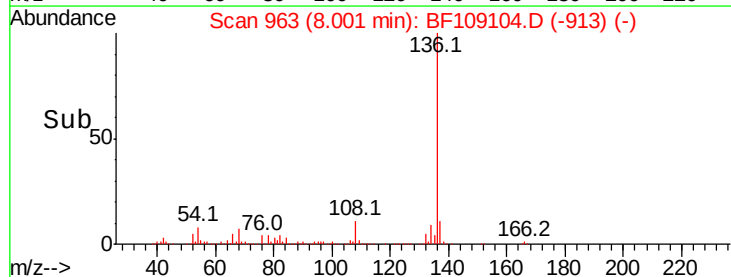
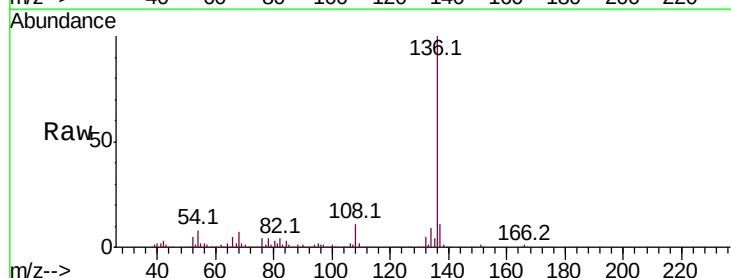
Ion Ratio Lower Upper

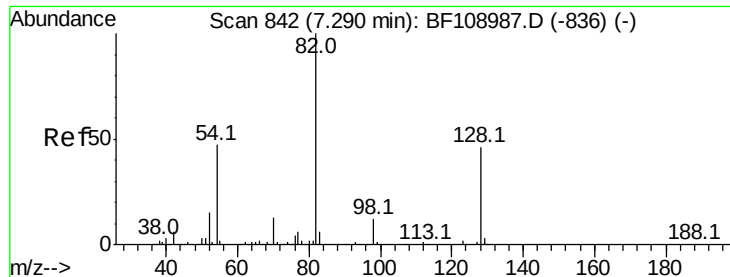
136 100

137 11.4 8.9 13.3

54 7.8 6.6 9.8

68 7.0 5.0 7.4

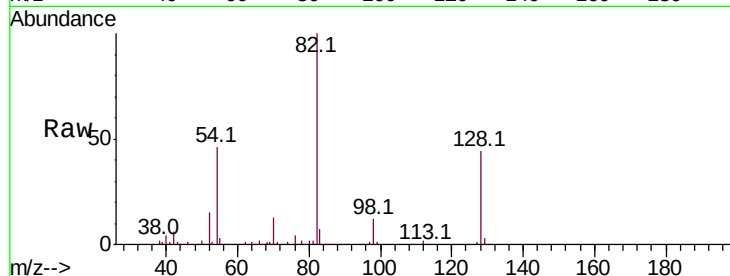




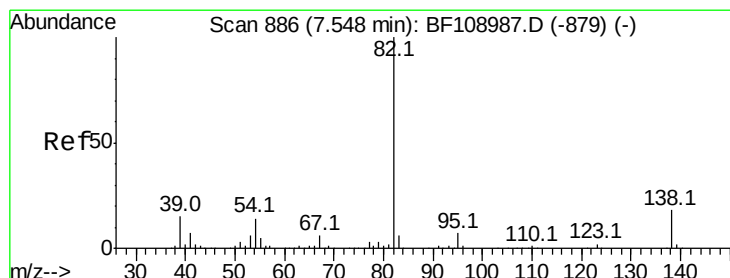
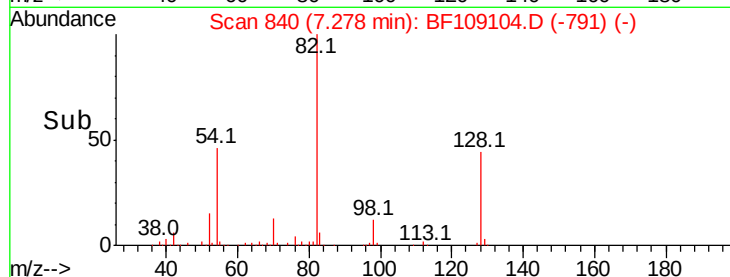
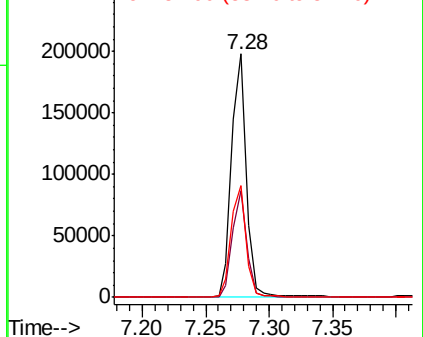
#23
Nitrobenzene-d5
Concen: 22.402 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	160783
Ion Ratio	Lower	Upper	
82	100		
128	43.9	36.1	54.1
54	45.7	41.4	62.2

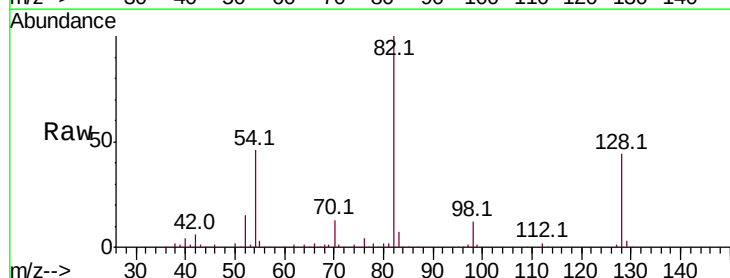


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

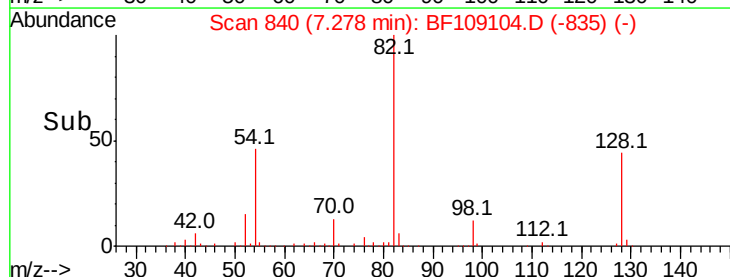
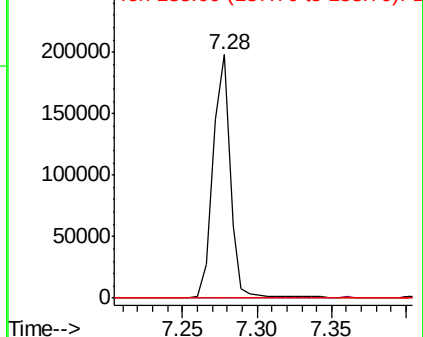


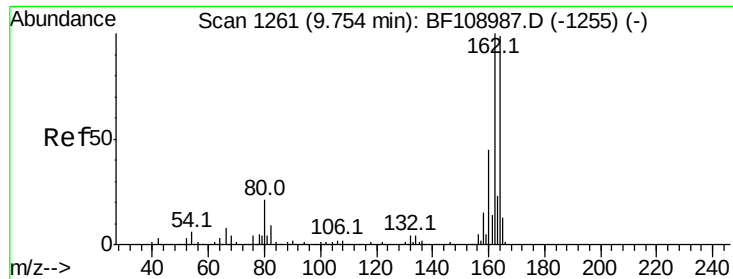
#25
Isophorone
Concen: 12.852 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion	82	Resp	158557
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

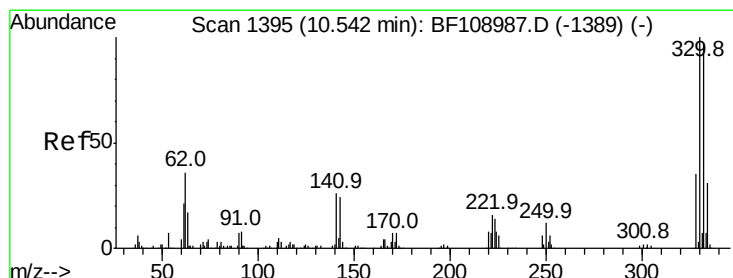
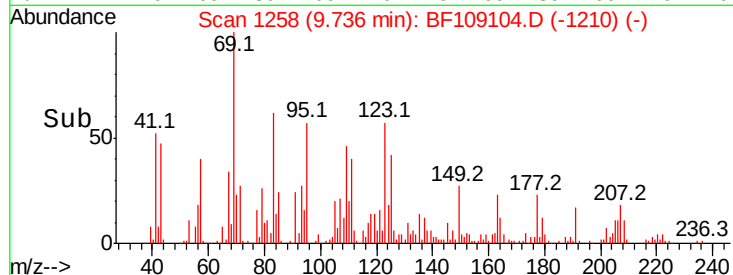
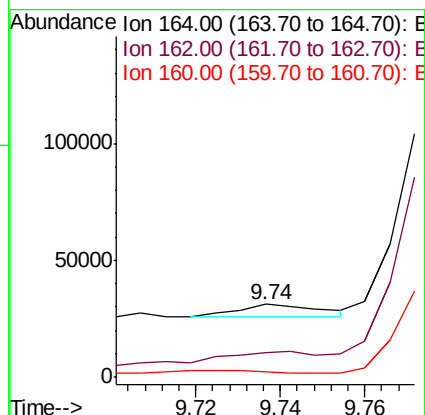
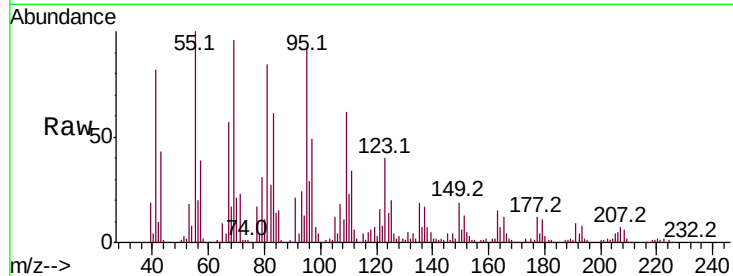




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

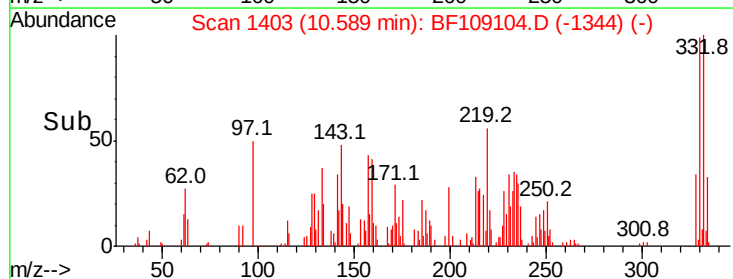
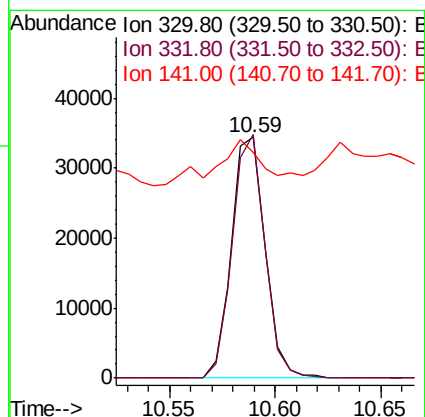
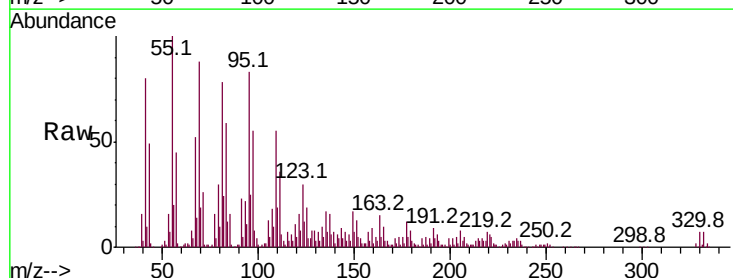
Instrument :
BNA_F
ClientSampleId :

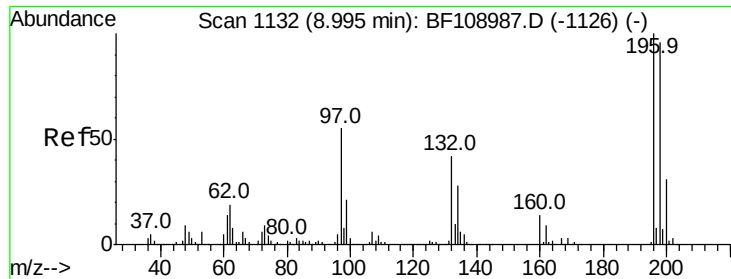
Tot Ion:164 Resp: 7093
Ion Ratio Lower Upper
164 100
162 33.9 86.1 129.1#
160 6.7 38.3 57.5#



#41
2,4,6-Tribromophenol
Concen: 490.062 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.05 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion:330 Resp: 37724
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 15.9 29.9 44.9#





#42

2,4,6-Trichlorophenol

Concen: 4.885 ng

RT: 8.98 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampleId :

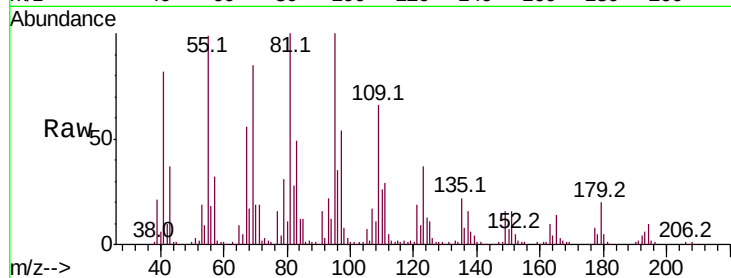
Tot Ion:196 Resp: 733

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

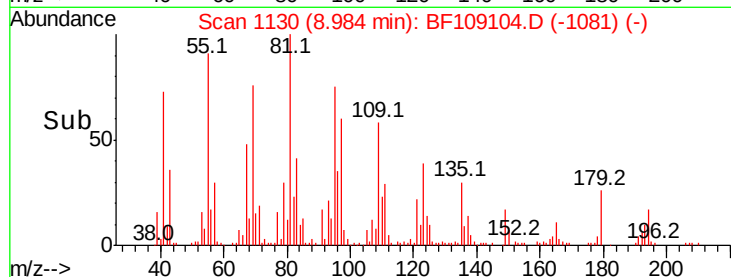
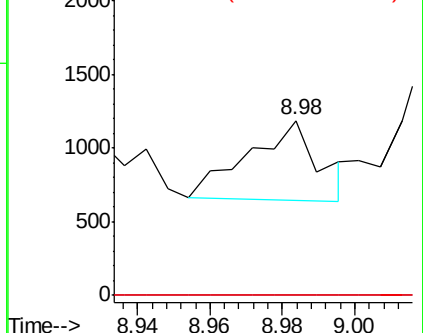
200 0.0 24.5 36.7#



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



#43

2,4,5-Trichlorophenol

Concen: 5.784 ng

RT: 9.02 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Tgt Ion:196 Resp: 907

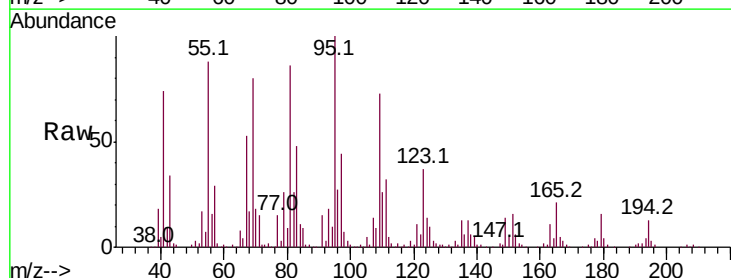
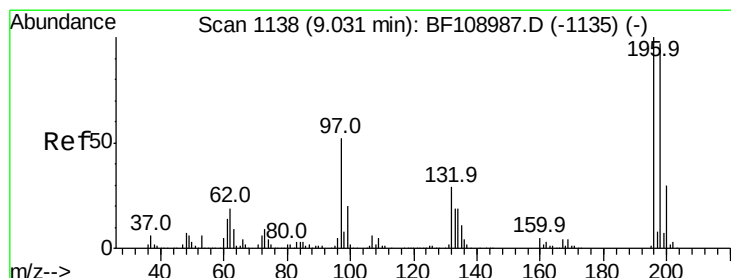
Ion Ratio Lower Upper

196 100

198 0.0 74.6 112.0#

97 3829.1 42.9 64.3#

132 22.1 26.3 39.5#

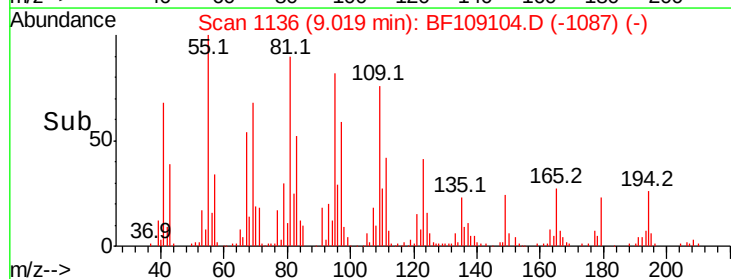
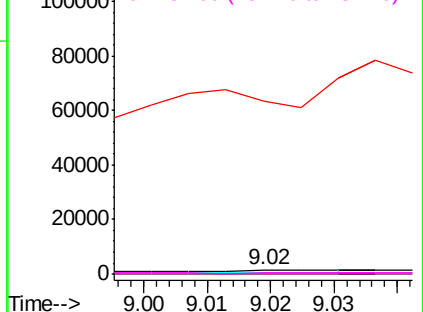


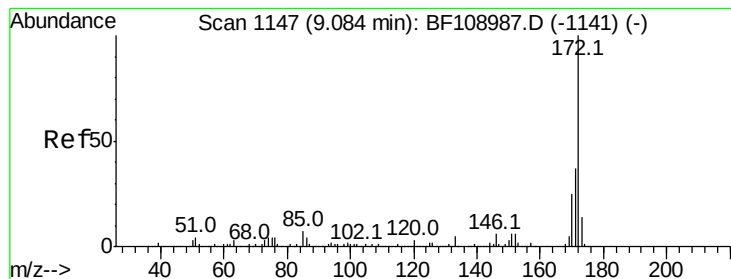
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

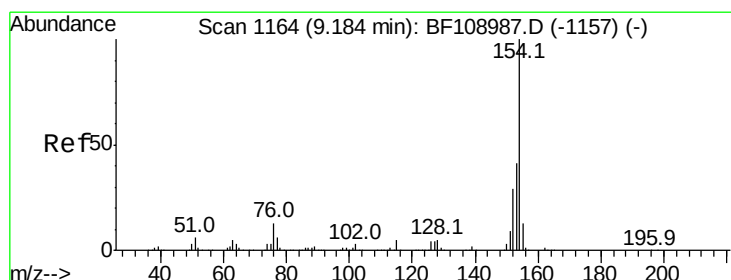
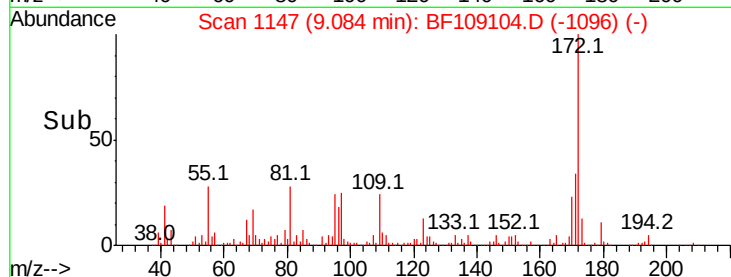
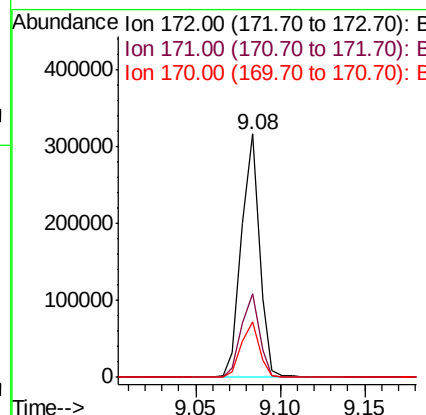
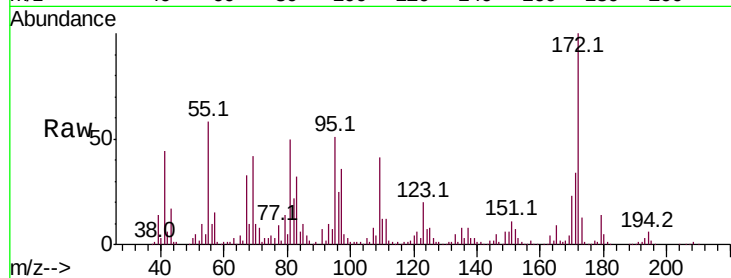




#44
2-Fluorobiphenyl
Concen: 522.243 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

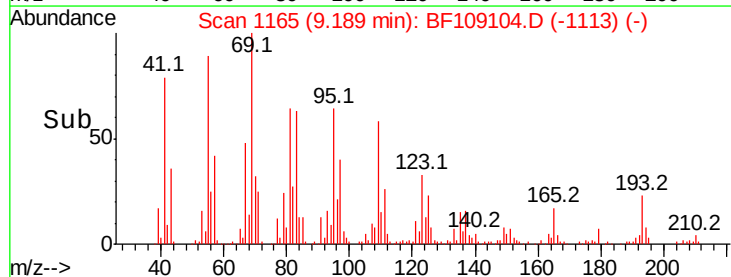
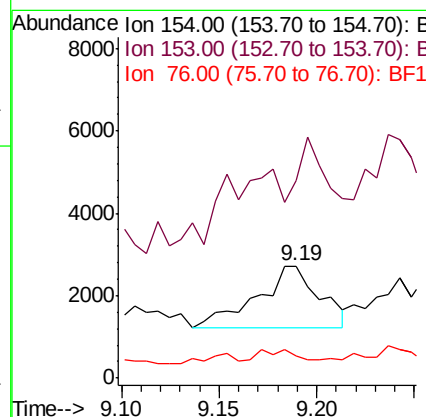
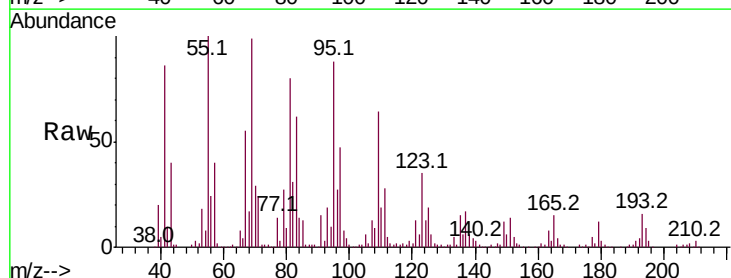
Instrument :
BNA_F
ClientSampleId :

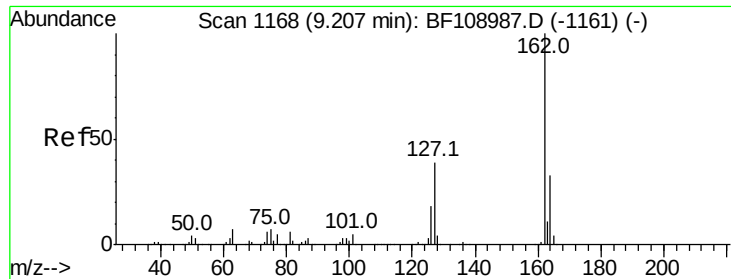
Tot Ion:172 Resp: 236433
Ion Ratio Lower Upper
172 100
171 34.5 29.7 44.5
170 23.0 19.6 29.4



#45
1,1'-Biphenyl
Concen: 5.840 ng
RT: 9.19 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion:154 Resp: 3314
Ion Ratio Lower Upper
154 100
153 175.6 21.3 61.3#
76 20.2 0.0 34.0





#46

2-Chloronaphthalene

Concen: 4.315 ng

RT: 9.19 min Scan# 1165

Delta R.T. -0.02 min

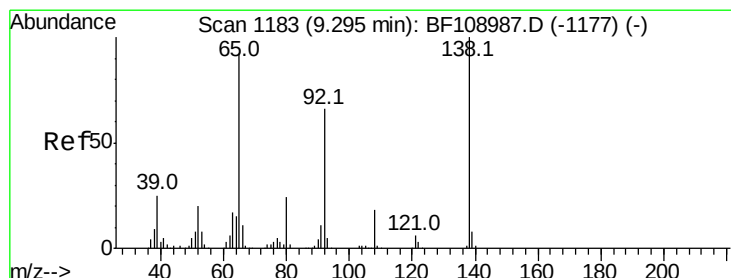
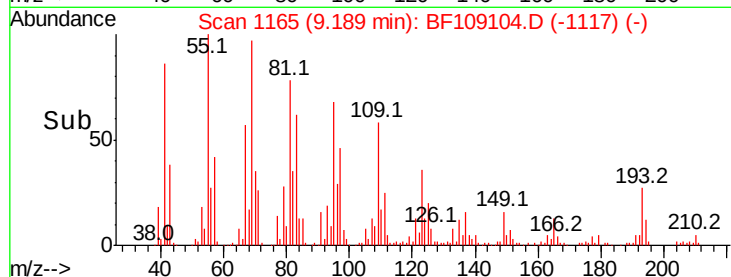
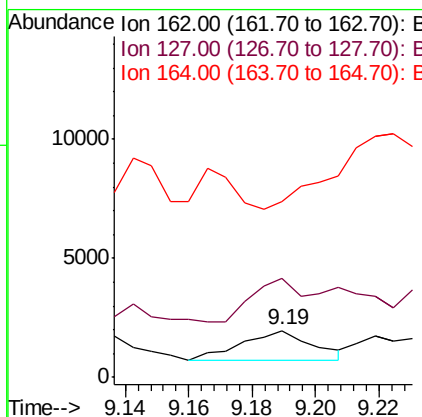
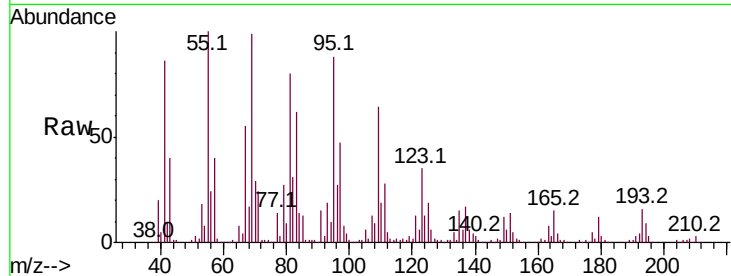
Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1961

Ion	Ratio	Lower	Upper
162	100		
127	211.7	33.9	50.9#
164	376.3	26.5	39.7#



#47

2-Nitroaniline

Concen: 56.688 ng

RT: 9.18 min Scan# 1164

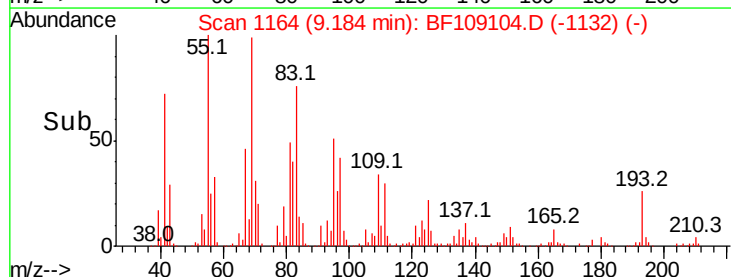
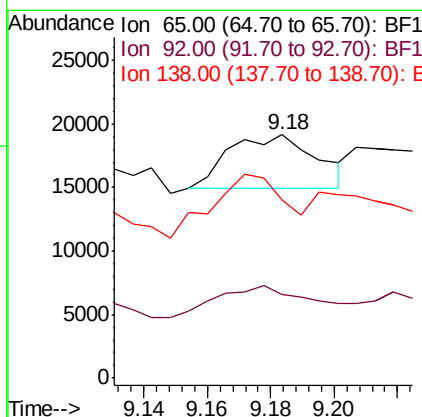
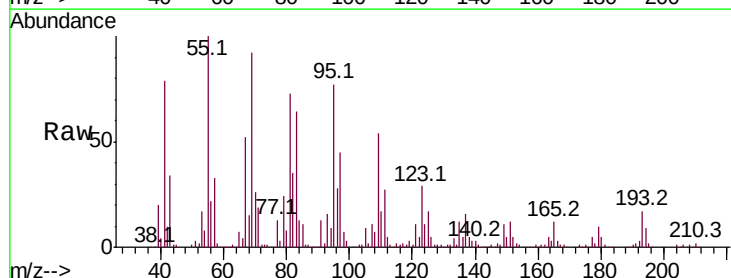
Delta R.T. -0.11 min

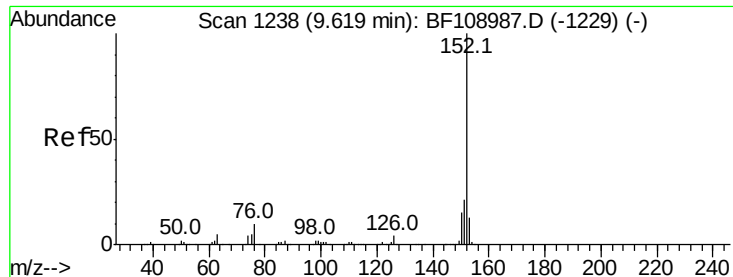
Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Tgt Ion: 65 Resp: 7920

Ion	Ratio	Lower	Upper
65	100		
92	34.2	55.8	83.6#
138	73.3	91.2	136.8#





#48

Acenaphthylene

Concen: 13.590 ng

RT: 9.61 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampleId :

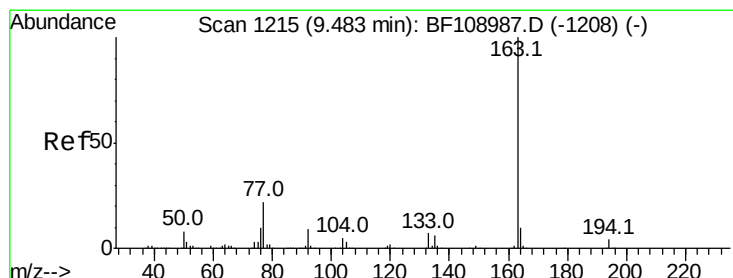
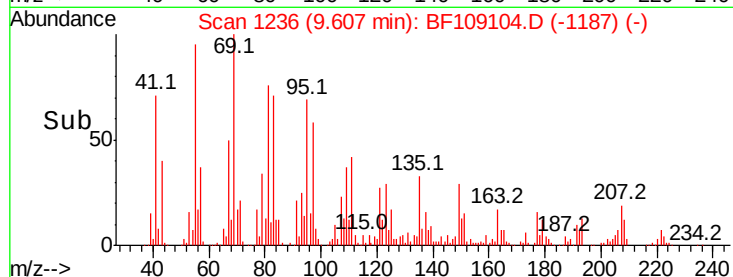
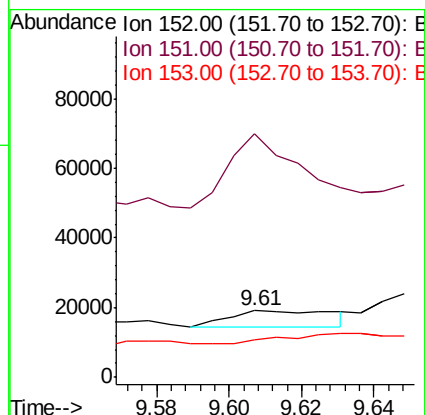
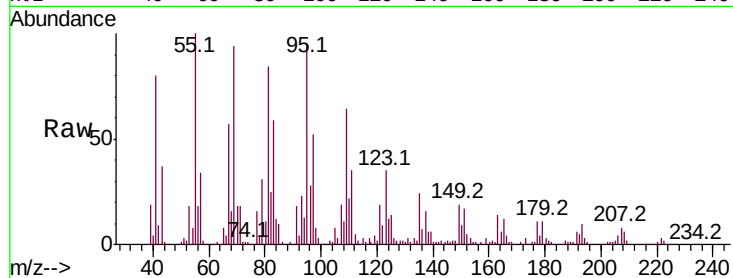
Tot Ion:152 Resp: 9312

Ion Ratio Lower Upper

152 100

151 365.4 16.3 24.5#

153 56.4 10.7 16.1#



#49

Dimethylphthalate

Concen: 85.602 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

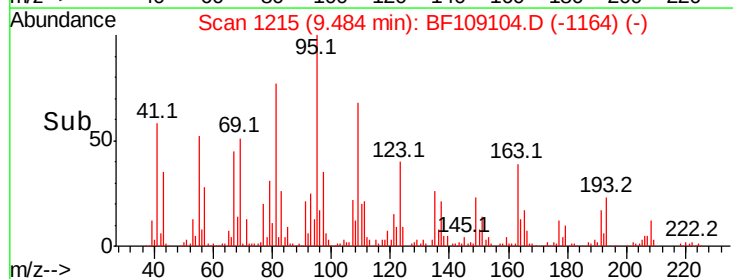
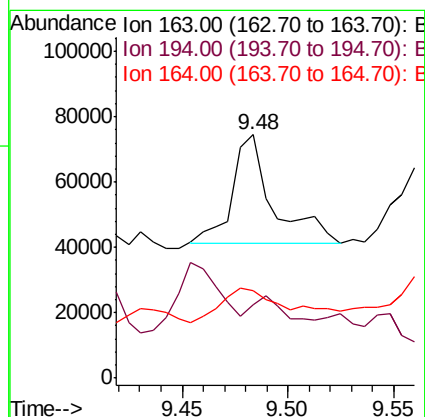
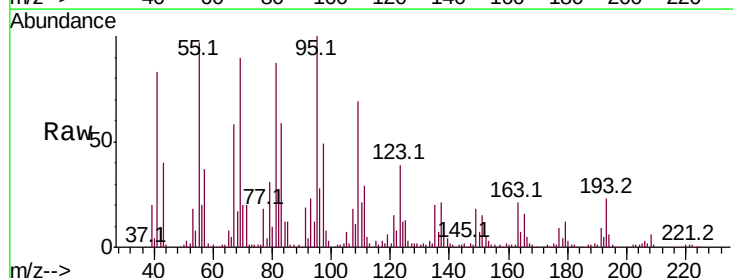
Tgt Ion:163 Resp: 43397

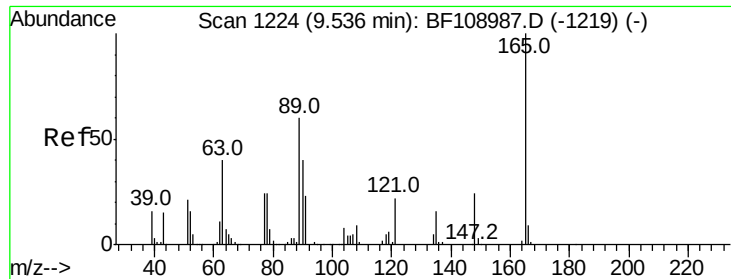
Ion Ratio Lower Upper

163 100

194 30.2 2.7 4.1#

164 35.8 8.2 12.2#

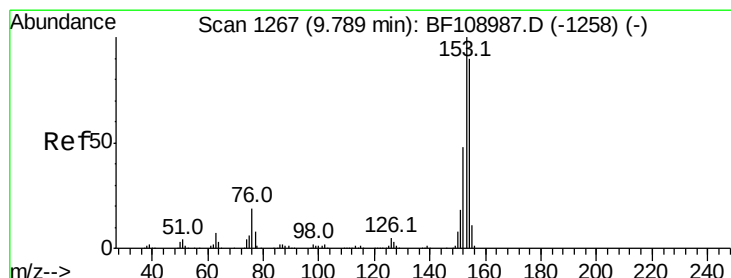
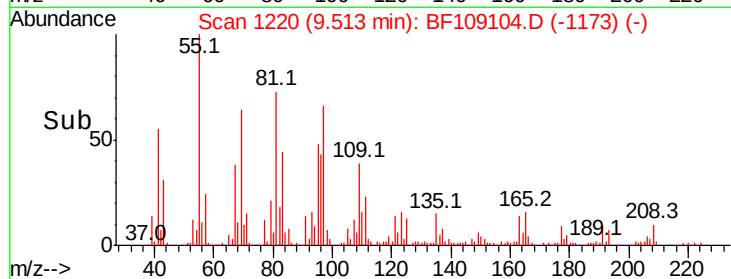
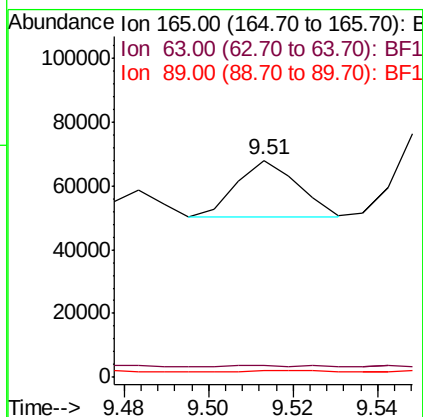
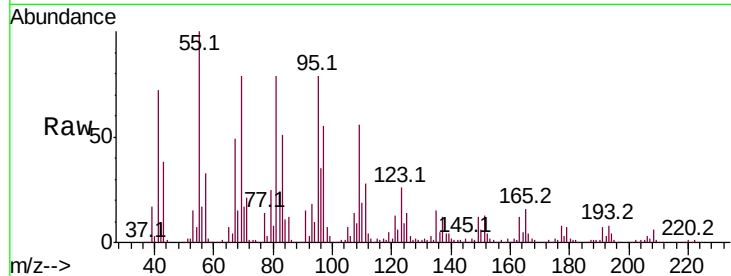




#50
 2,6-Dinitrotoluene
 Concen: 158.449 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF109104.D
 Acq: 18 Sep 2018 19:08

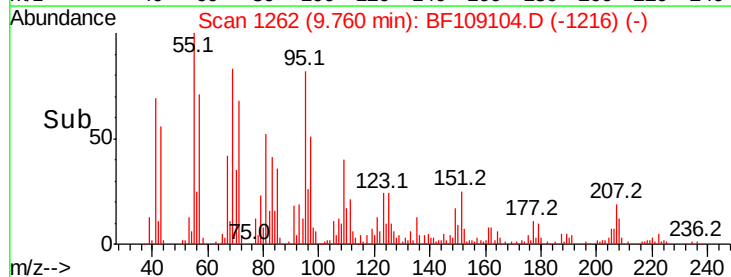
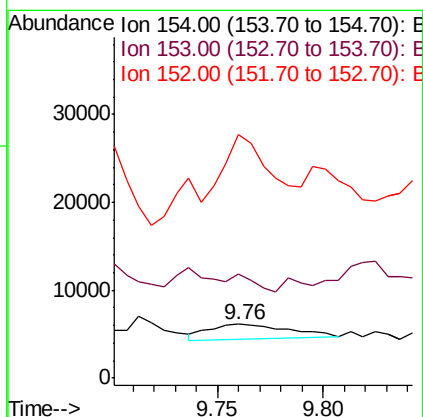
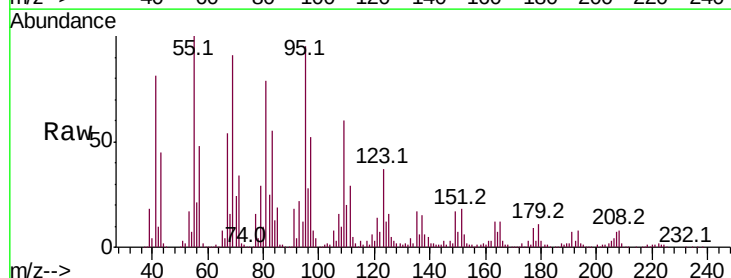
Instrument :
 BNA_F
 ClientSampled :

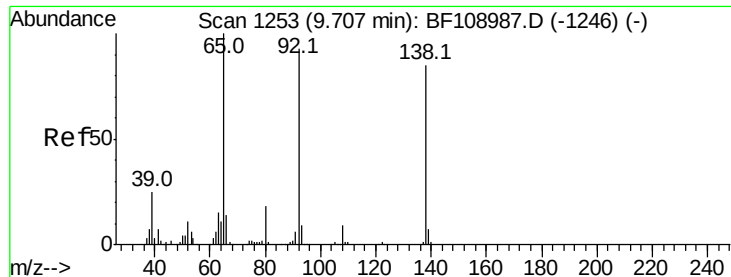
Tot Ion:165 Resp: 17814
 Ion Ratio Lower Upper
 165 100
 63 5.5 44.7 67.1#
 89 3.0 44.0 66.0#



#51
 Acenaphthene
 Concen: 11.011 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BF109104.D
 Acq: 18 Sep 2018 19:08

Tgt Ion:154 Resp: 4698
 Ion Ratio Lower Upper
 154 100
 153 192.1 91.2 136.8#
 152 450.9 43.8 65.8#

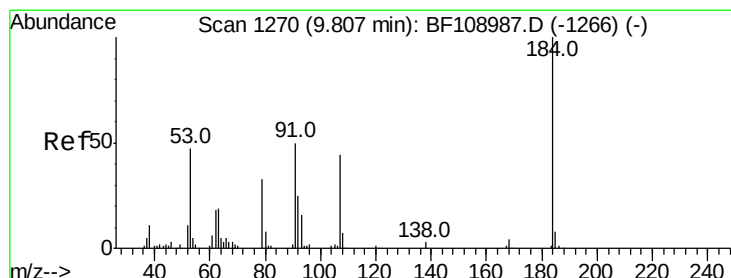
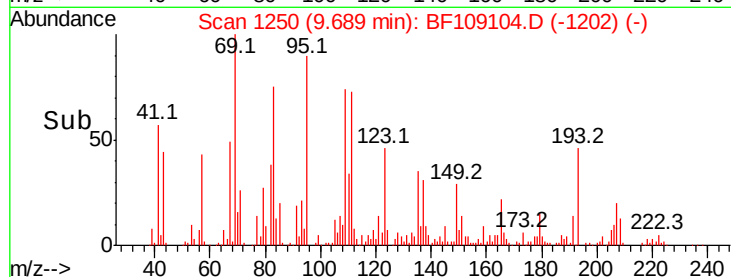
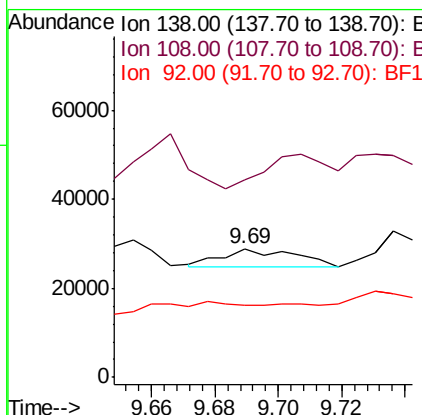
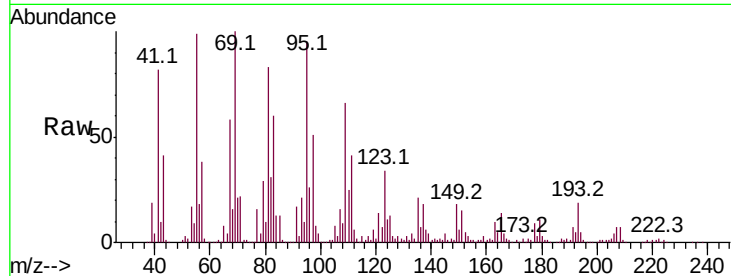




#52
3-Nitroaniline
Concen: 50.172 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

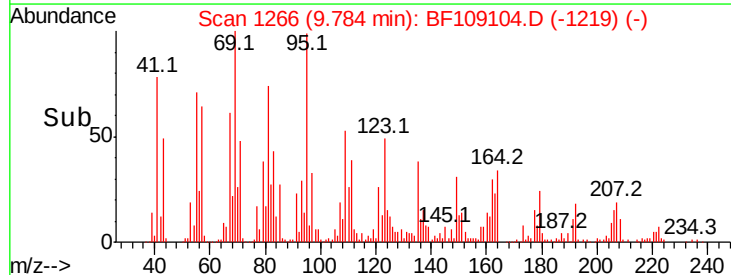
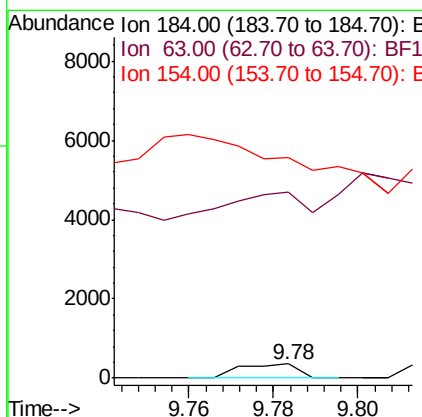
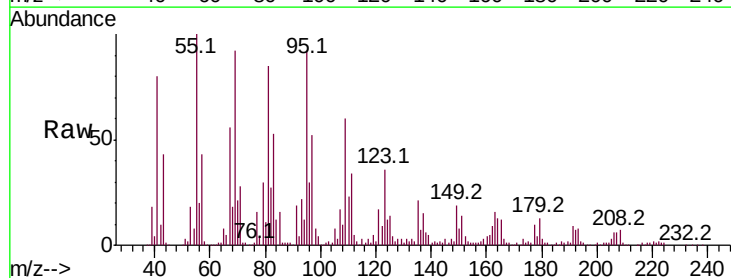
Instrument :
BNA_F
ClientSampled :

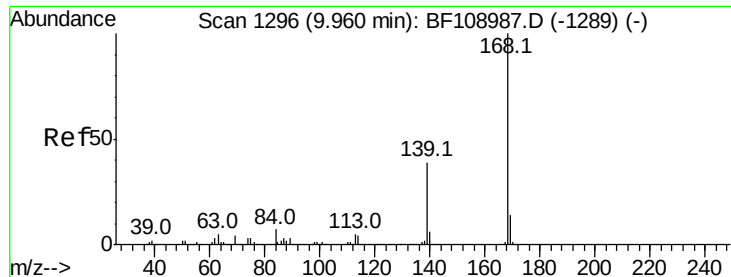
Tot Ion:138 Resp: 6642
Ion Ratio Lower Upper
138 100
108 153.7 9.4 14.0#
92 56.5 89.4 134.2#



#53
2,4-Dinitrophenol
Concen: 8.032 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion:184 Resp: 348
Ion Ratio Lower Upper
184 100
63 1307.8 54.2 81.2#
154 1555.3 184.0 276.0#

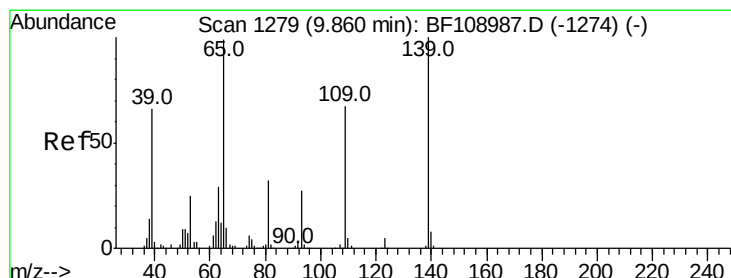
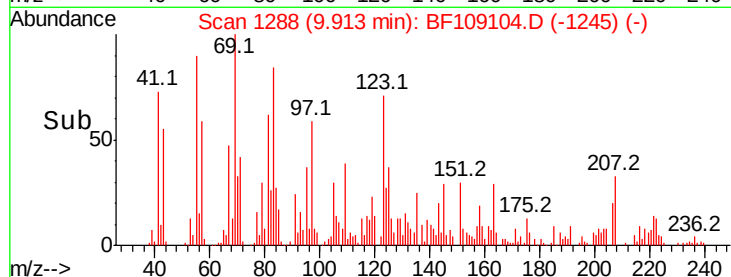
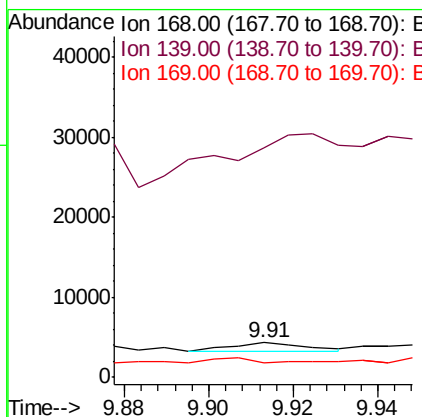
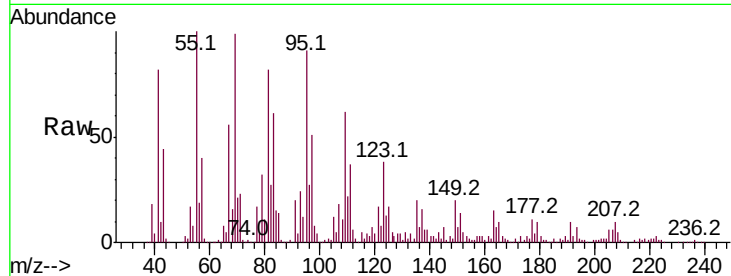




#54
Dibenzenofuran
Concen: 2.287 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

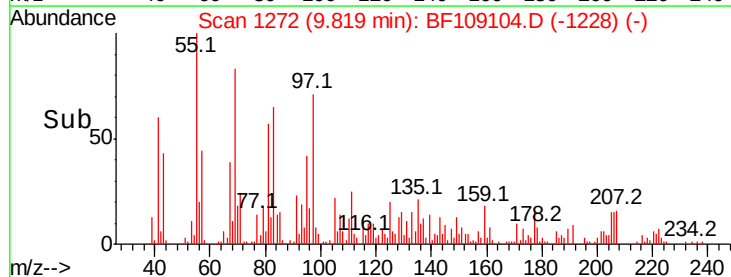
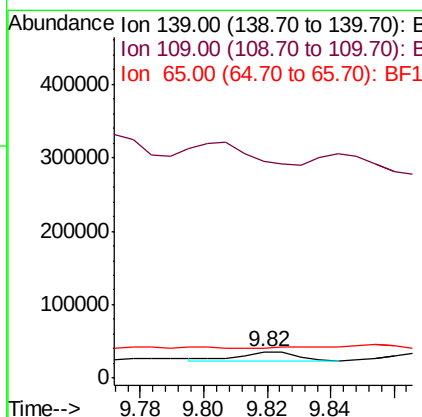
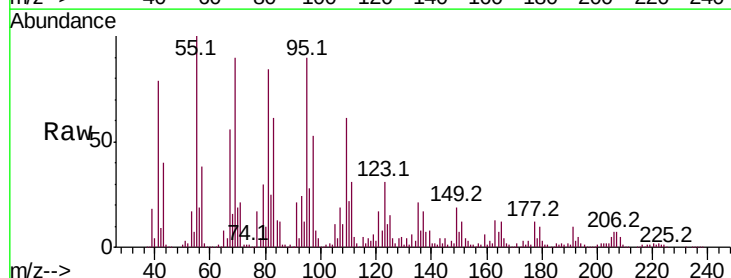
Instrument :
BNA_F
ClientSampleId :

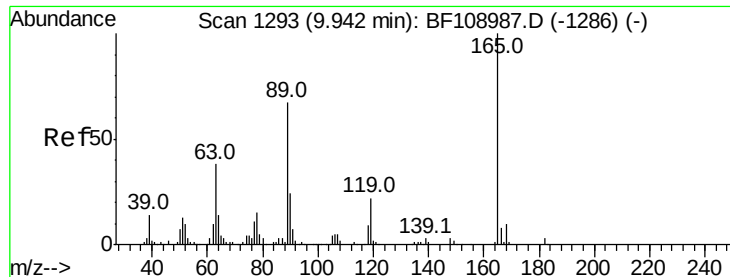
Tot Ion:168 Resp: 1410
Ion Ratio Lower Upper
168 100
139 663.4 30.1 45.1#
169 42.7 10.9 16.3#



#55
4-Nitrophenol
Concen: 166.704 ng
RT: 9.82 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion:139 Resp: 16260
Ion Ratio Lower Upper
139 100
109 814.5 48.4 88.4#
65 111.2 72.6 112.6

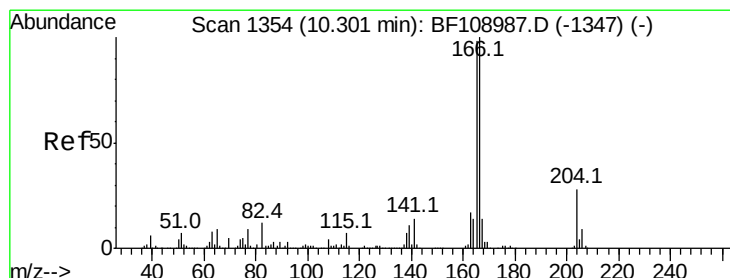
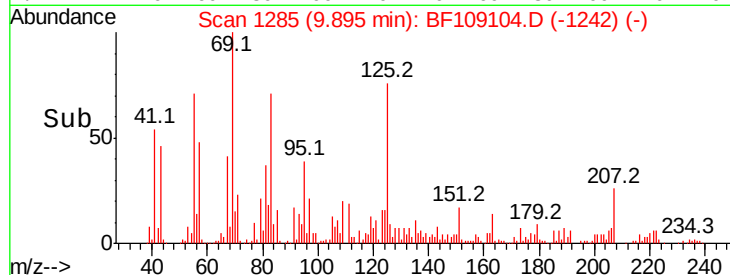
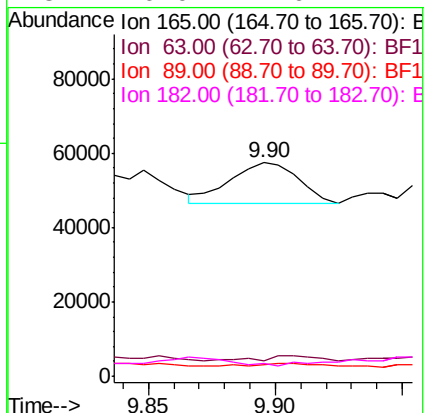
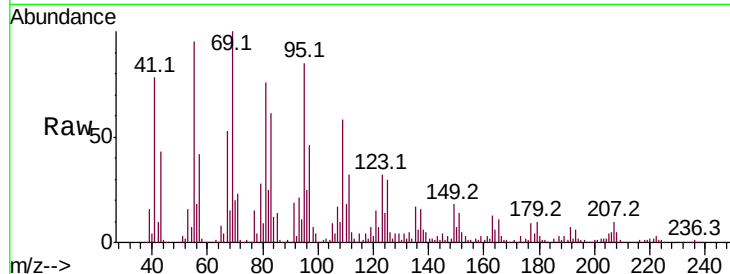




#56
2,4-Dinitrotoluene
Concen: 136.100 ng
RT: 9.90 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

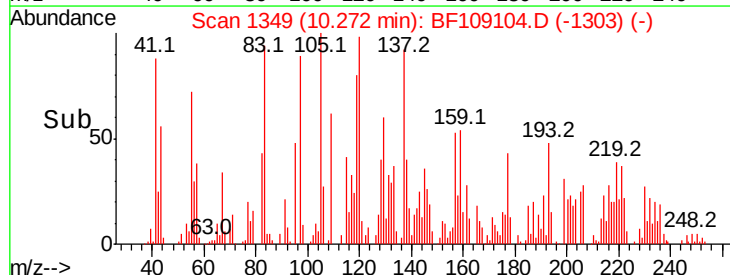
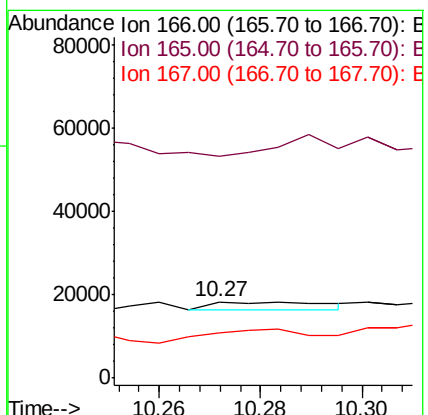
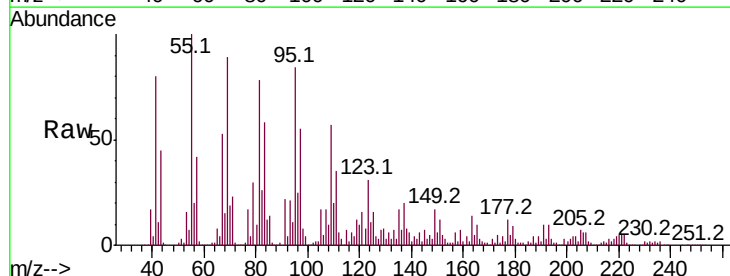
Instrument :
BNA_F
ClientSampleId :

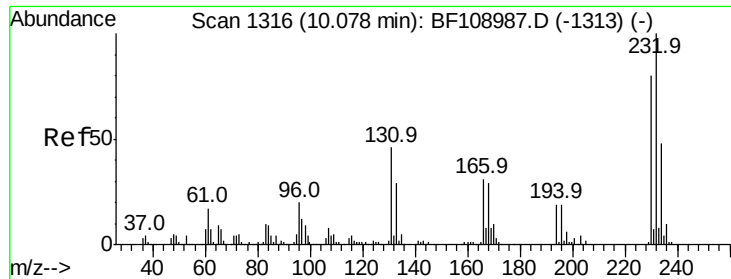
Tot Ion	Ratio	Lower	Upper
165	100		
63	7.5	36.4	54.6#
89	5.4	57.8	86.6#
182	6.0	1.6	2.4#



#57
Fluorene
Concen: 7.700 ng
RT: 10.27 min Scan# 1349
Delta R.T. -0.03 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	290.7	79.8	119.8#
167	58.8	10.6	16.0#

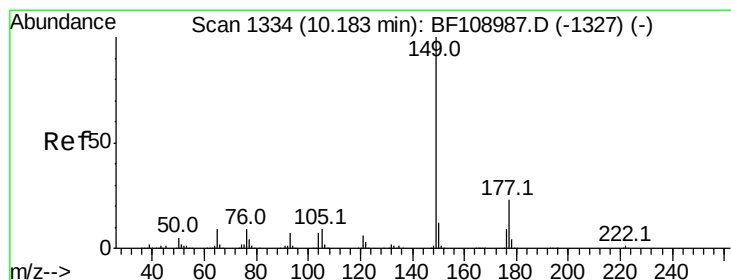
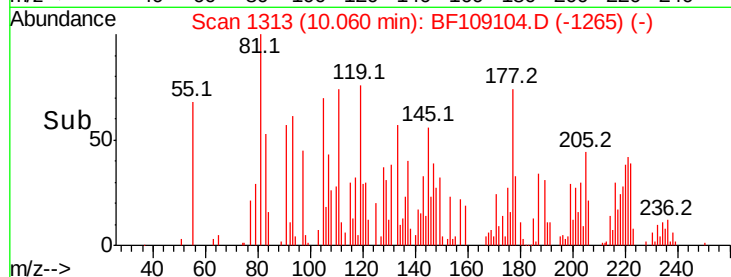
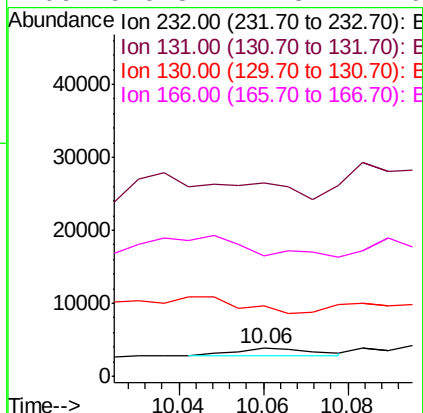
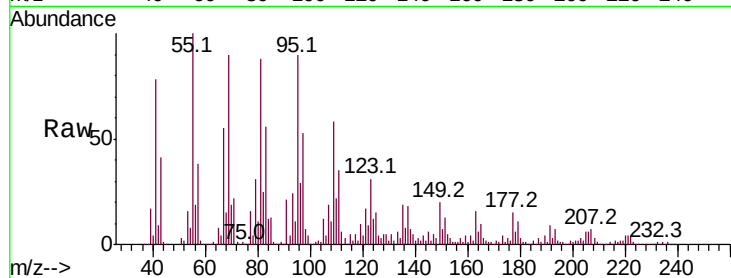




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.697 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF109104.D
 Acq: 18 Sep 2018 19:08

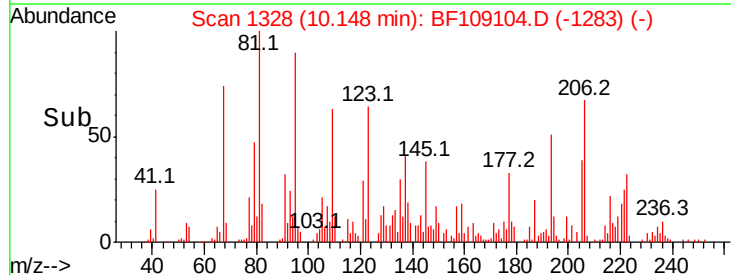
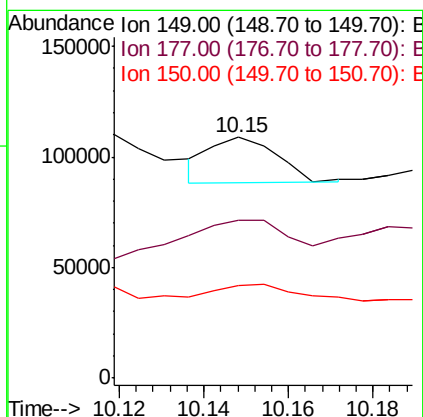
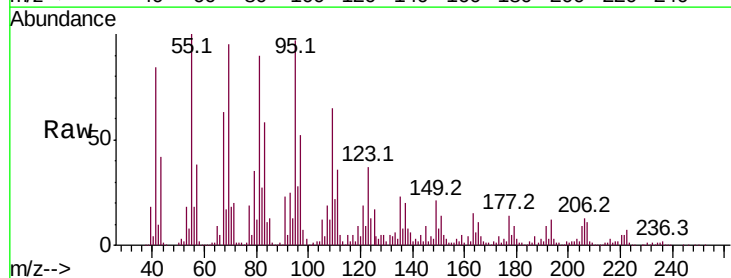
Instrument :
 BNA_F
 ClientSampleId :

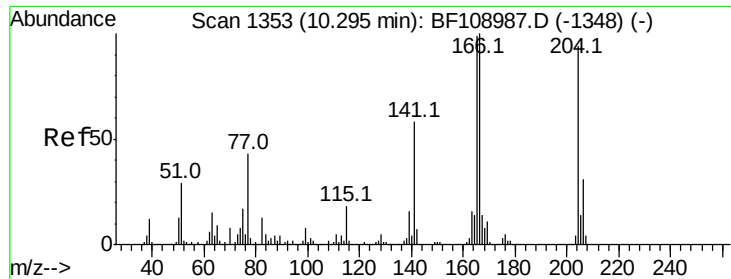
Tot Ion:232 Resp: 1259
 Ion Ratio Lower Upper
 232 100
 131 0.0 43.8 65.8#
 130 0.0 2.1 3.1#
 166 926.8 27.8 41.6#



#59
 Diethylphthalate
 Concen: 43.532 ng
 RT: 10.15 min Scan# 1328
 Delta R.T. -0.04 min
 Lab File: BF109104.D
 Acq: 18 Sep 2018 19:08

Tgt Ion:149 Resp: 22286
 Ion Ratio Lower Upper
 149 100
 177 65.6 16.1 24.1#
 150 38.2 10.1 15.1#





#60

4-Chlorophenyl-phenylether

Concen: 21.394 ng

RT: 10.30 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampled :

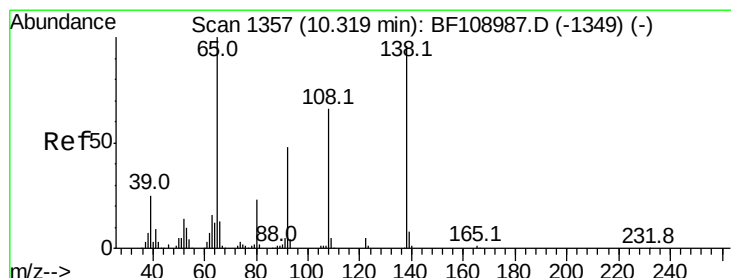
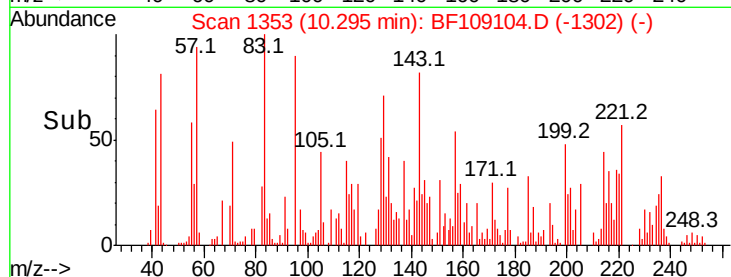
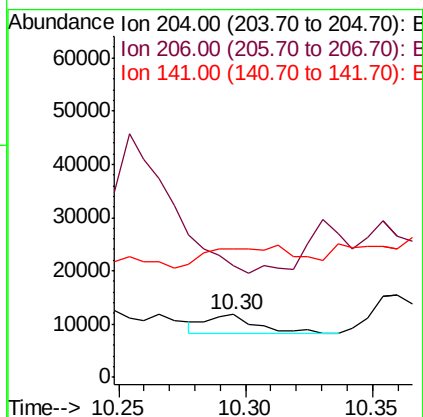
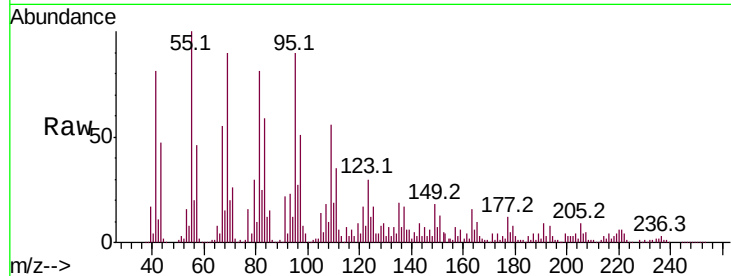
Tot Ion:204 Resp: 4707

Ion Ratio Lower Upper

204 100

206 179.6 26.5 39.7#

141 204.6 54.6 81.8#



#61

4-Nitroaniline

Concen: 194.521 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

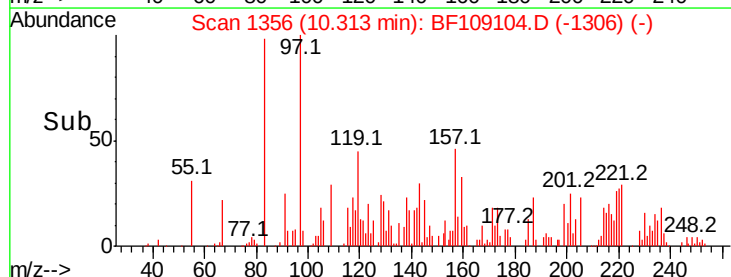
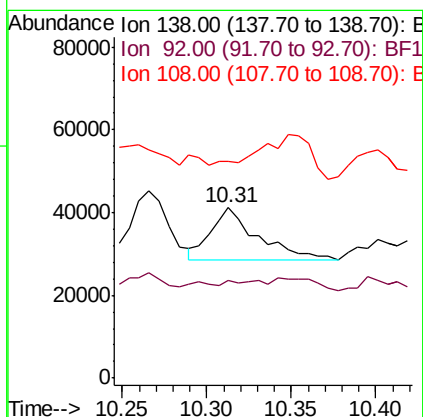
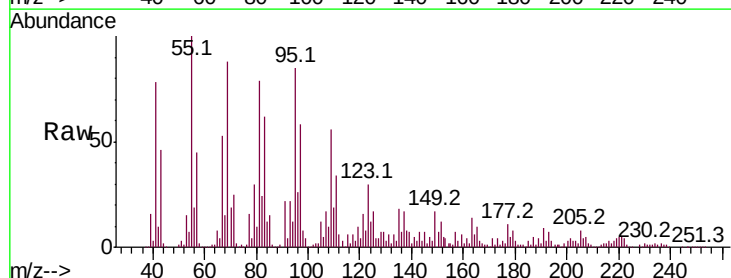
Tgt Ion:138 Resp: 24466

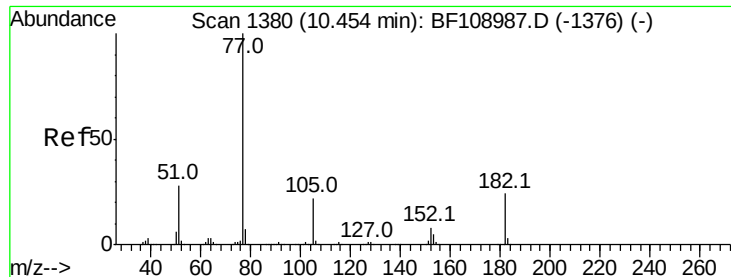
Ion Ratio Lower Upper

138 100

92 57.4 30.2 70.2

108 127.1 52.5 92.5#





#62

Azobenzene

Concen: 19.977 ng

RT: 10.44 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 10469

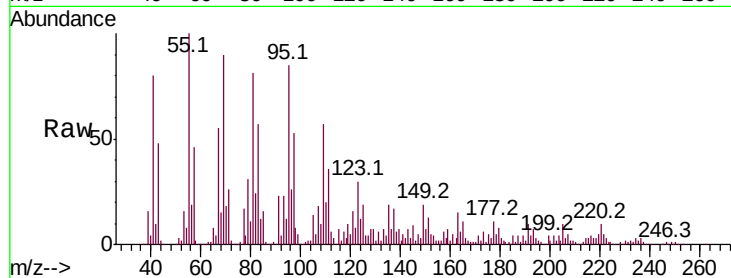
Ion Ratio Lower Upper

77 100

182 5.3 1.7 41.7

105 84.9 3.0 43.0#

51 15.6 9.9 49.9

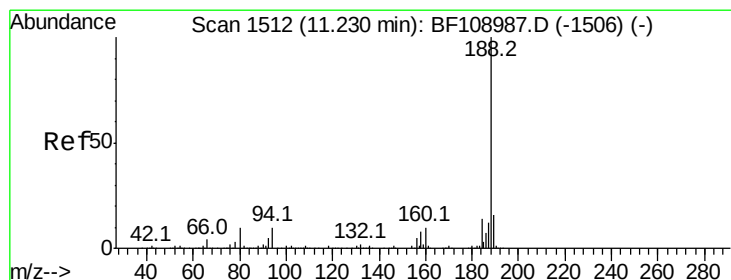
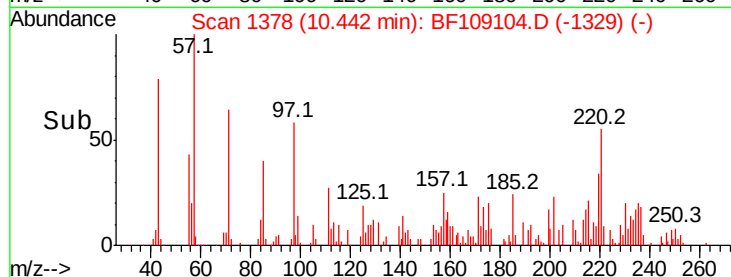
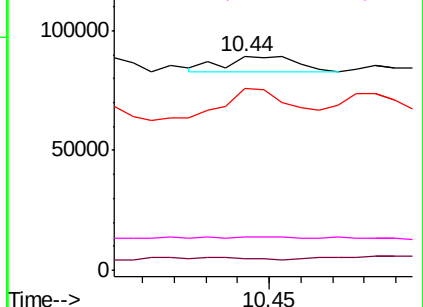


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1499

Delta R.T. -0.08 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

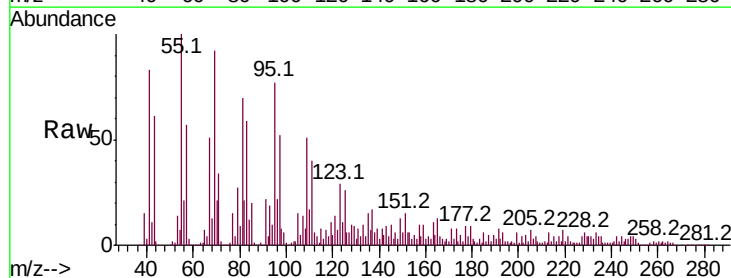
Tgt Ion: 188 Resp: 4093

Ion Ratio Lower Upper

188 100

94 558.7 8.5 12.7#

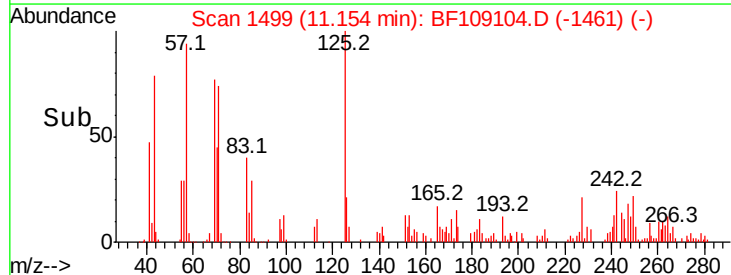
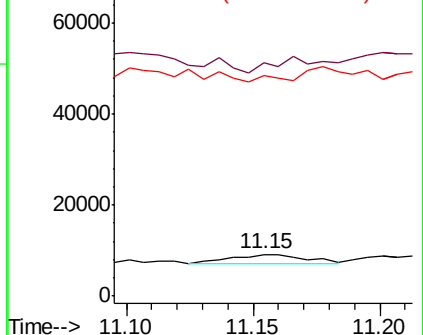
80 527.7 9.2 13.8#

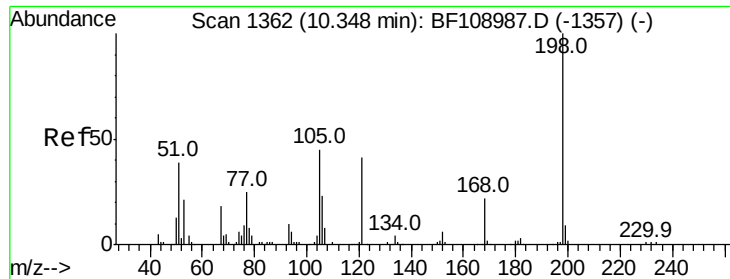


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

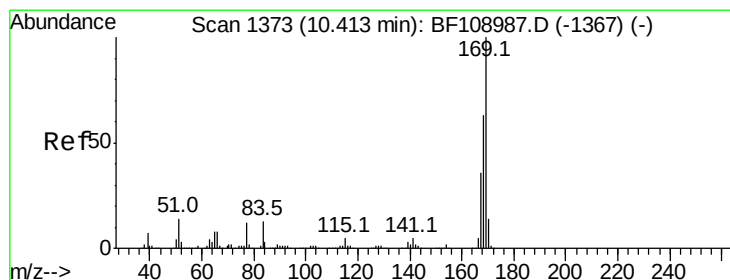
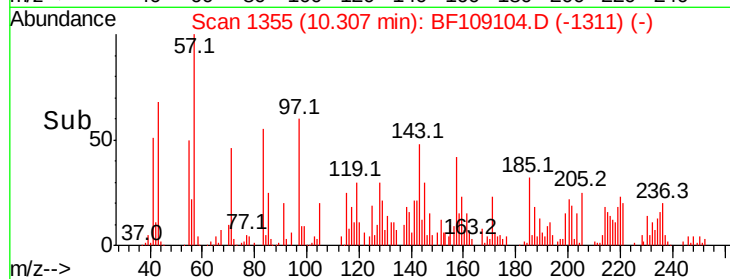
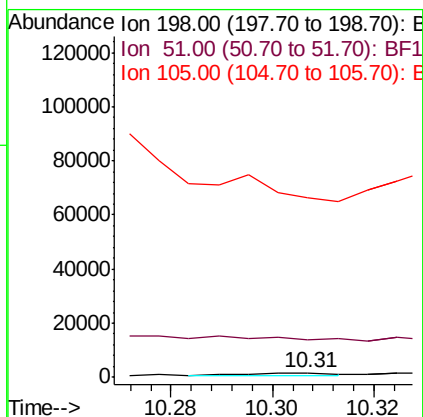
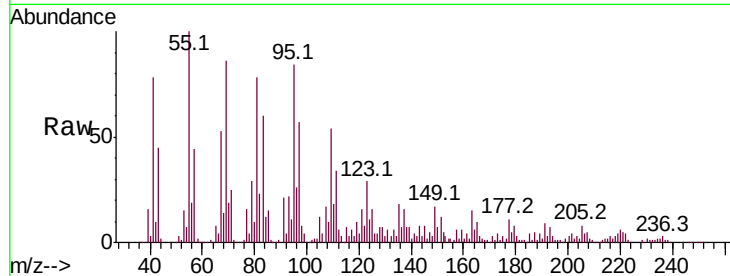




#64
4,6-Dinitro-2-methylphenol
Concen: 54.792 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

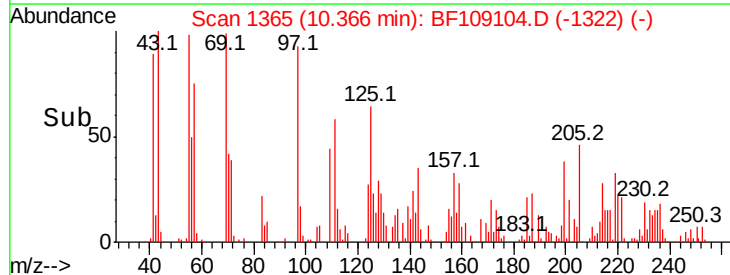
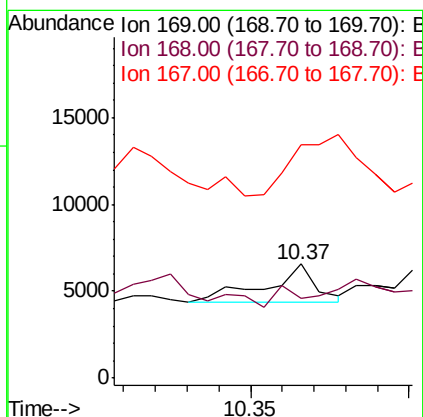
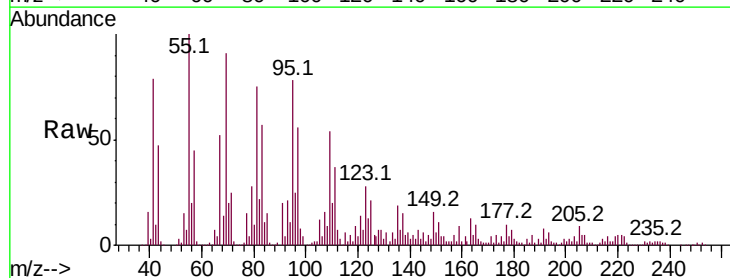
Instrument :
BNA_F
ClientSampleId :

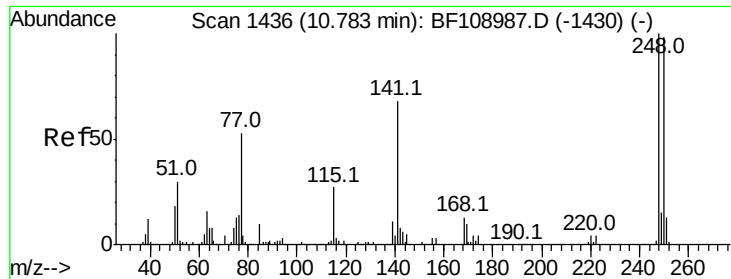
Tot Ion:198 Resp: 1073
Ion Ratio Lower Upper
198 100
51 853.3 37.7 77.7#
105 4036.5 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 18.254 ng
RT: 10.37 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion:169 Resp: 2444
Ion Ratio Lower Upper
169 100
168 69.7 54.4 81.6
167 205.7 29.8 44.6#

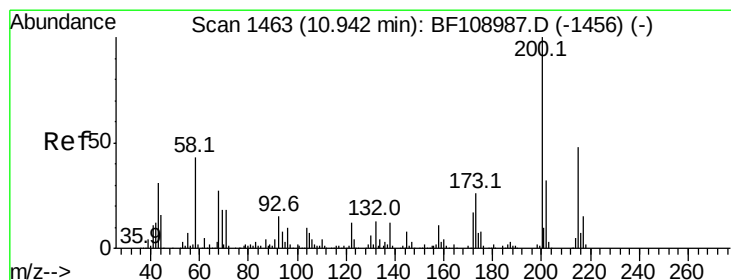
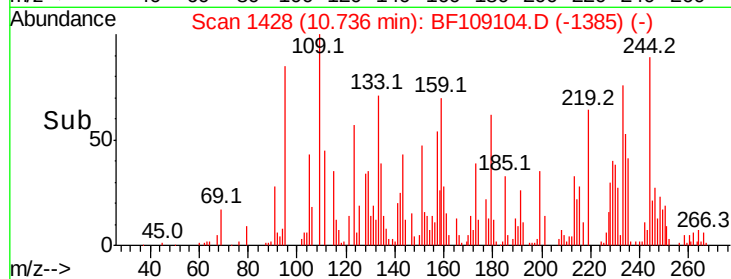
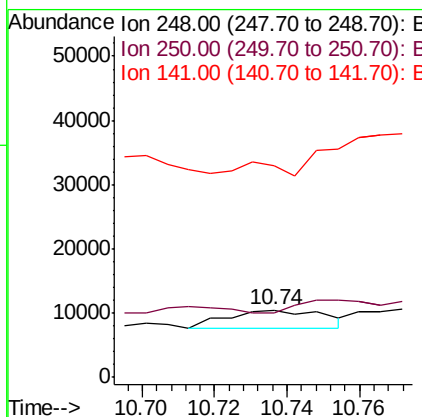
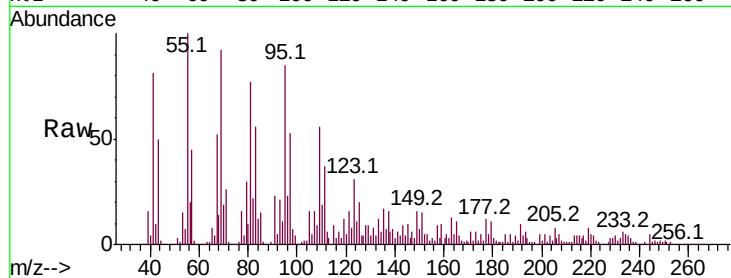




#66
4-Bromophenyl-phenylether
Concen: 108.835 ng
RT: 10.74 min Scan# 1428
Delta R.T. -0.05 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

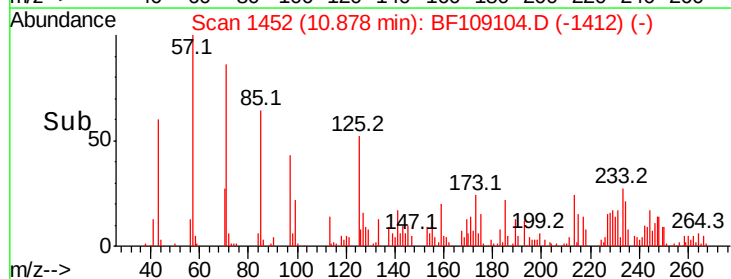
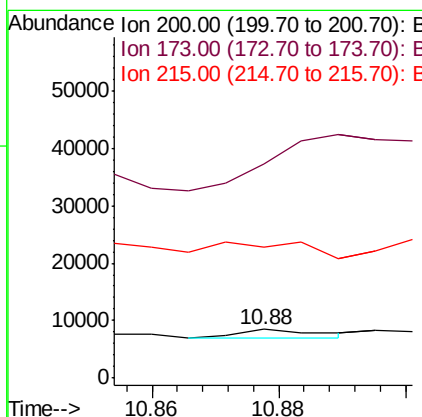
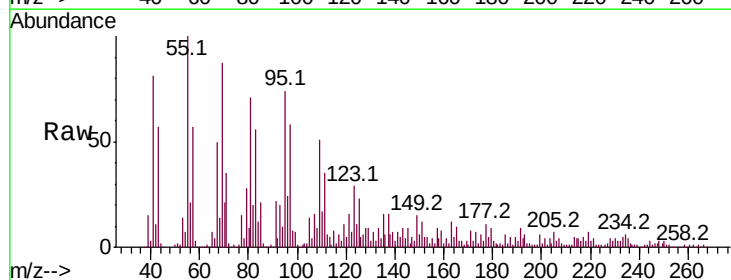
Instrument :
BNA_F
ClientSampleId :

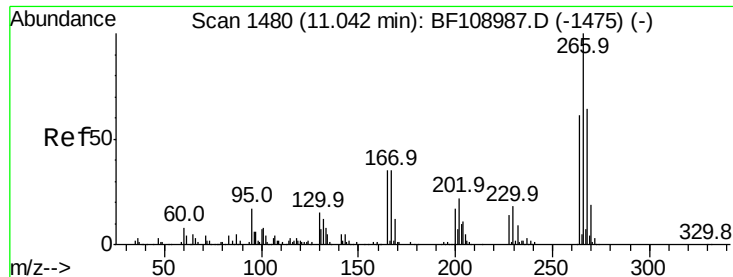
Tot Ion:248 Resp: 5022
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 315.2 74.4 111.6#



#68
Atrazine
Concen: 29.702 ng
RT: 10.88 min Scan# 1452
Delta R.T. -0.06 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion:200 Resp: 1273
Ion Ratio Lower Upper
200 100
173 439.4 8.6 48.6#
215 269.6 25.1 65.1#





#69

Pentachlorophenol

Concen: 1029.229 ng

RT: 10.97 min Scan# 1467

Delta R.T. -0.08 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampled :

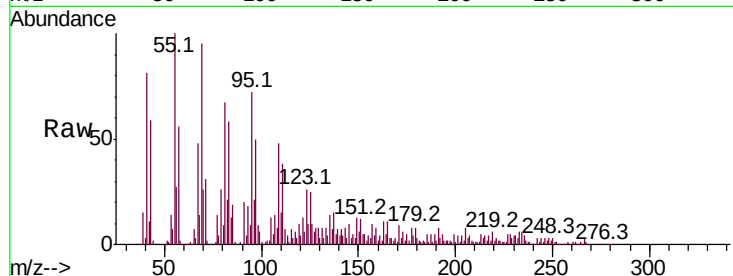
Tot Ion:266 Resp: 32501

Ion Ratio Lower Upper

266 100

268 1.9 51.1 76.7#

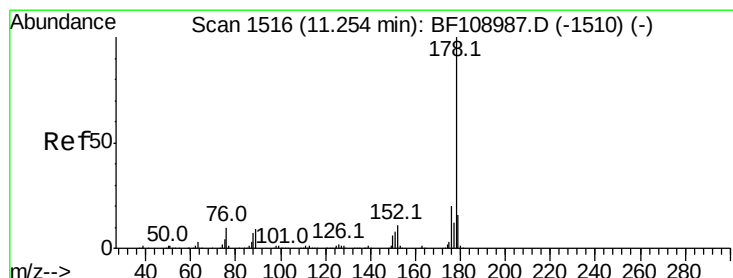
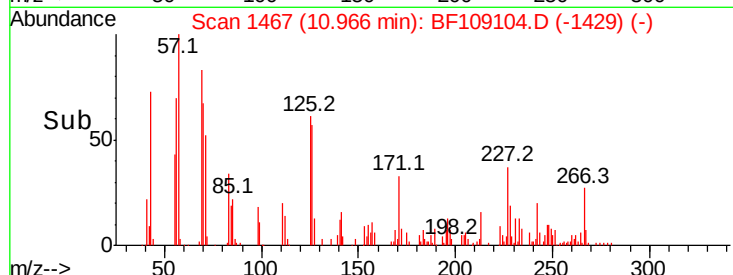
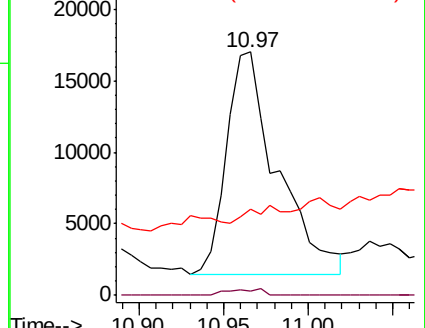
264 35.5 49.5 74.3#



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: 22.204 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.06 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

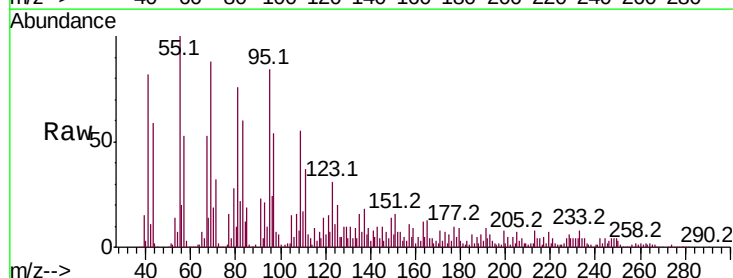
Tgt Ion:178 Resp: 4455

Ion Ratio Lower Upper

178 100

176 59.4 15.8 23.8#

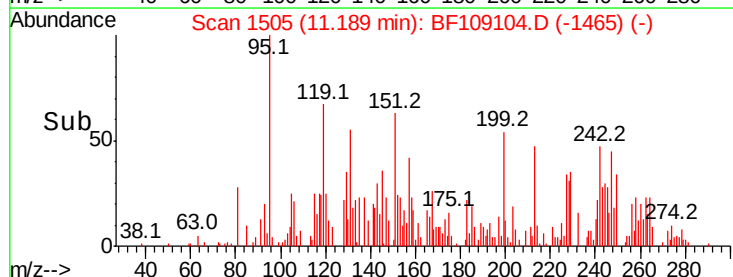
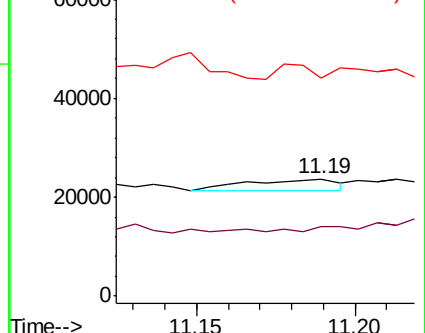
179 186.2 13.0 19.6#

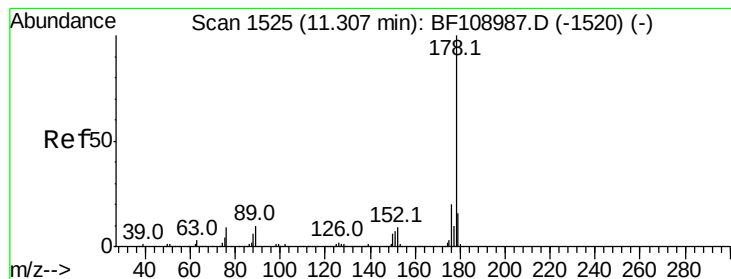


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 21.904 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.12 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampled :

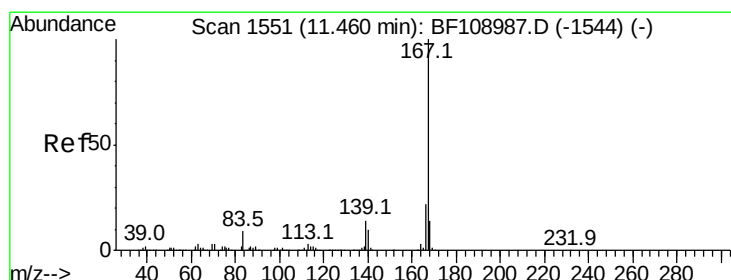
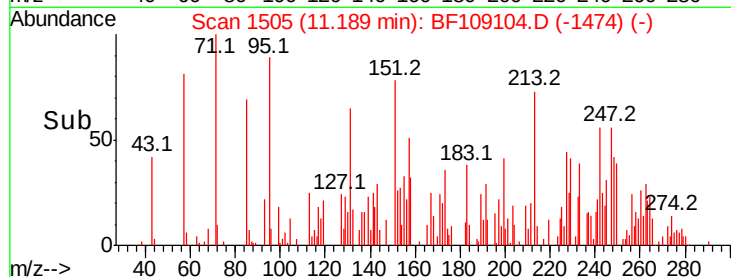
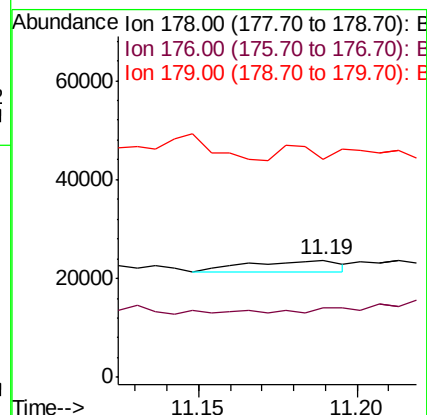
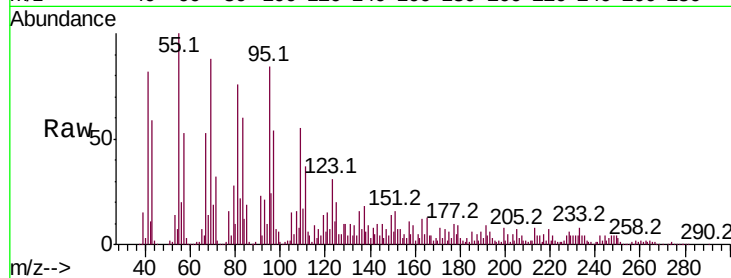
Tot Ion:178 Resp: 4455

Ion Ratio Lower Upper

178 100

176 59.4 15.4 23.2#

179 186.2 12.6 19.0#



#72

Carbazole

Concen: 44.677 ng

RT: 11.35 min Scan# 1532

Delta R.T. -0.11 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

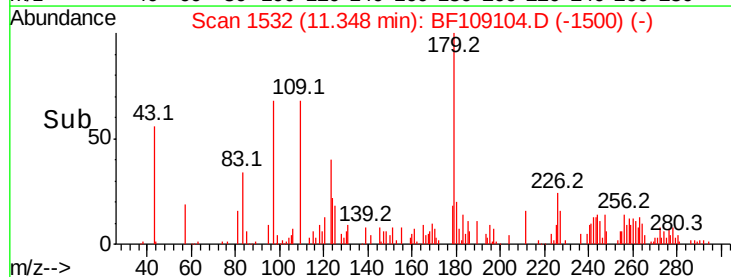
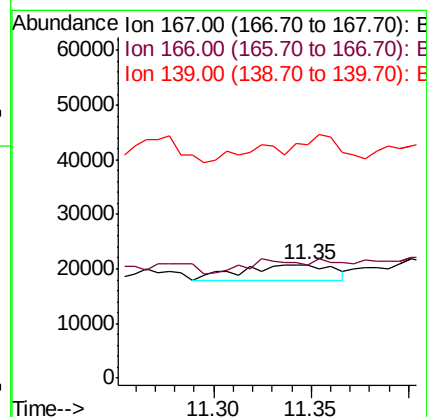
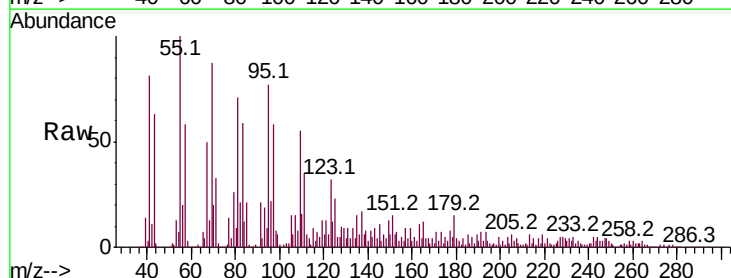
Tgt Ion:167 Resp: 8995

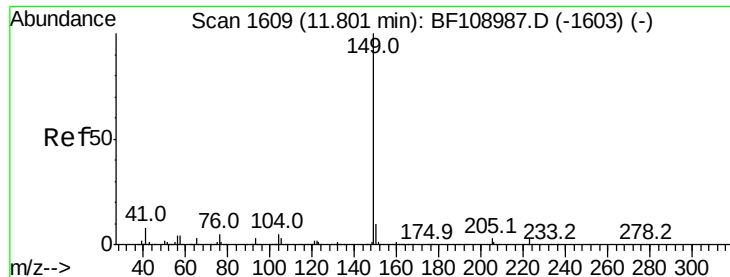
Ion Ratio Lower Upper

167 100

166 99.5 17.6 26.4#

139 205.4 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 9.954 ng

RT: 11.71 min Scan# 1593

Delta R.T. -0.09 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampleId :

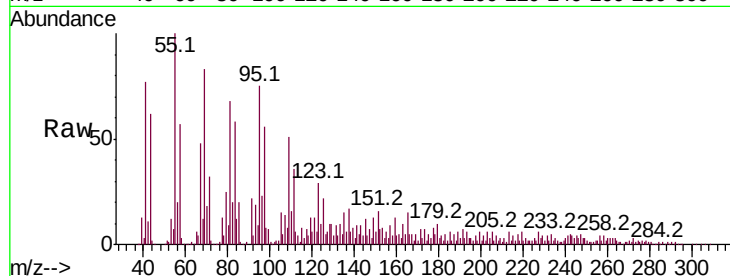
Tot Ion:149 Resp: 2346

Ion Ratio Lower Upper

149 100

150 44.4 7.8 11.6#

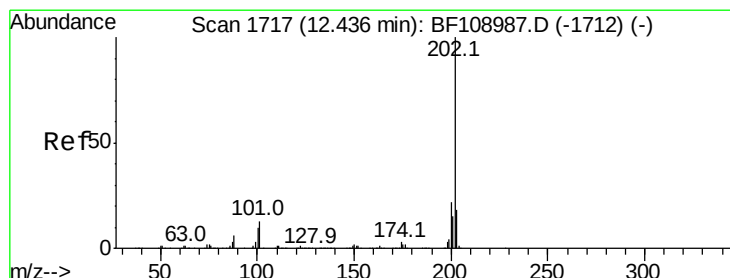
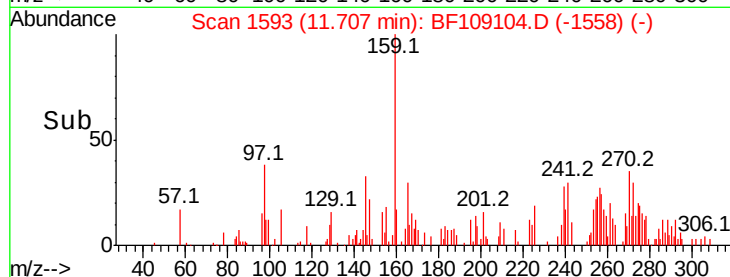
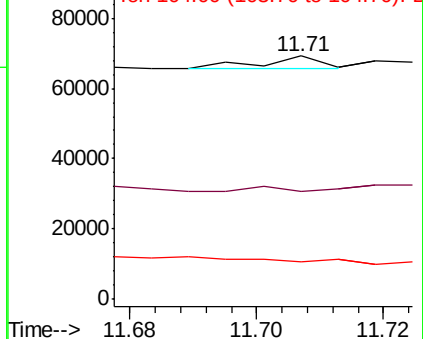
104 15.3 3.8 5.8#



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: 7.237 ng

RT: 12.36 min Scan# 1704

Delta R.T. -0.08 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

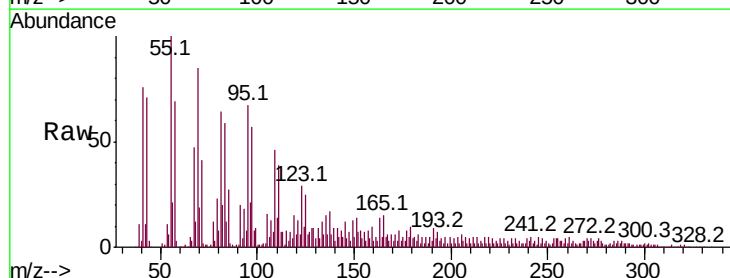
Tgt Ion:202 Resp: 1533

Ion Ratio Lower Upper

202 100

101 27.8 0.0 34.1

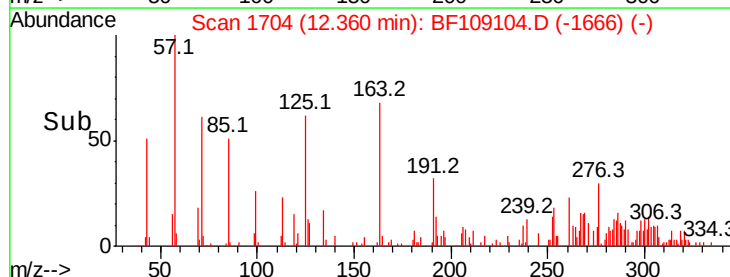
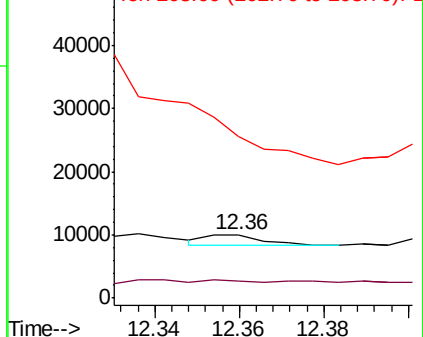
203 255.5 0.0 38.1#

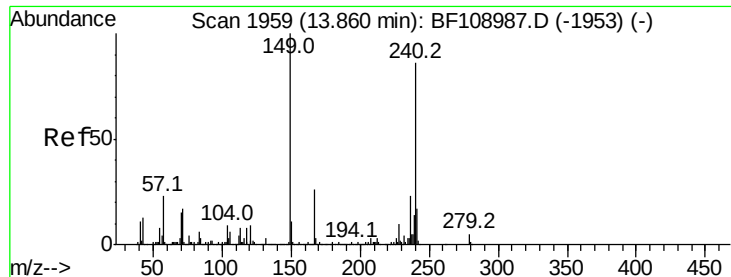


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1971

Delta R.T. 0.07 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

Instrument :

BNA_F

ClientSampleId :

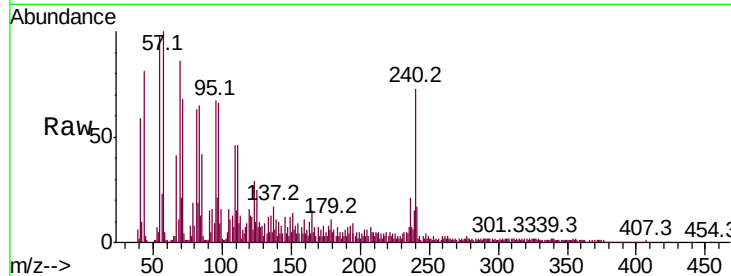
Tot Ion:240 Resp: 229278

Ion Ratio Lower Upper

240 100

120 17.9 9.5 14.3#

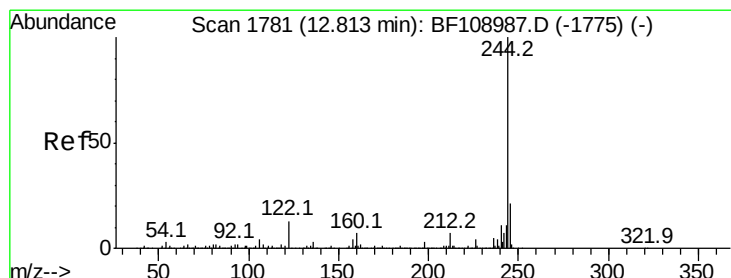
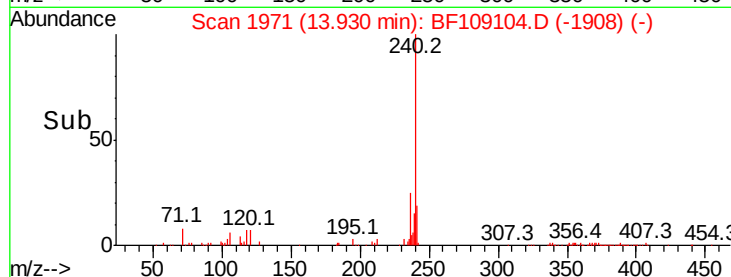
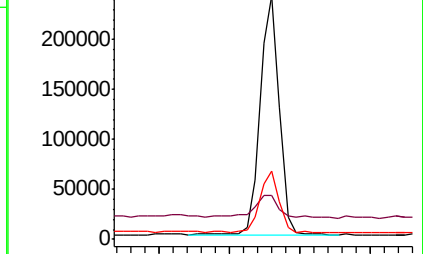
236 28.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 14.900 ng

RT: 12.90 min Scan# 1795

Delta R.T. 0.08 min

Lab File: BF109104.D

Acq: 18 Sep 2018 19:08

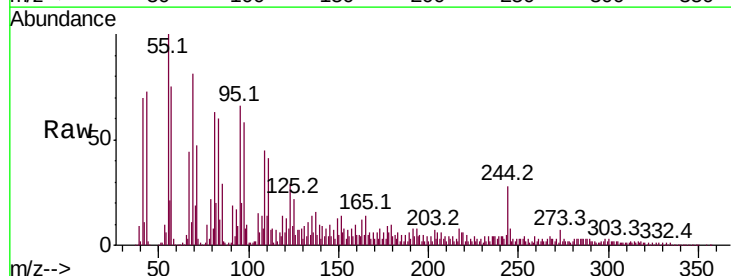
Tgt Ion:244 Resp: 144128

Ion Ratio Lower Upper

244 100

212 11.2 5.4 8.0#

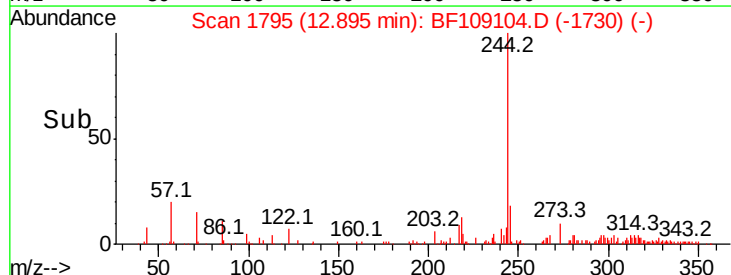
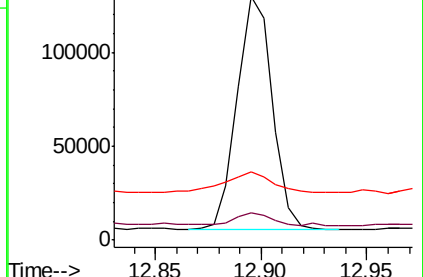
122 28.0 11.0 16.4#

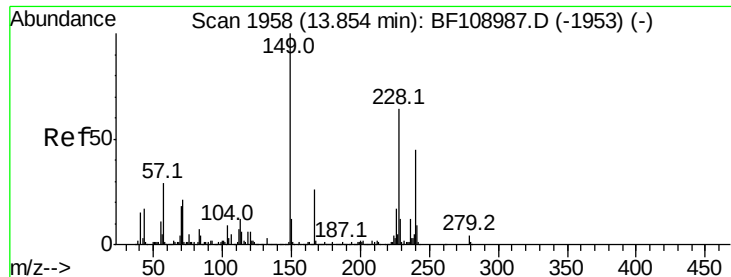


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

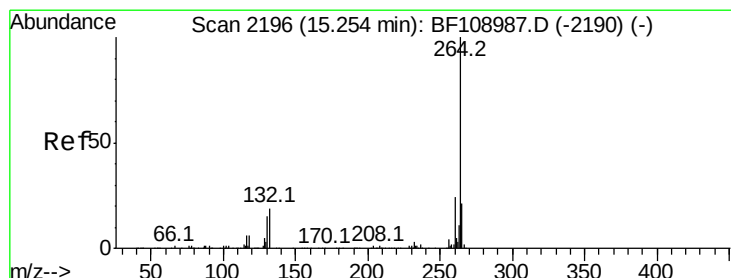
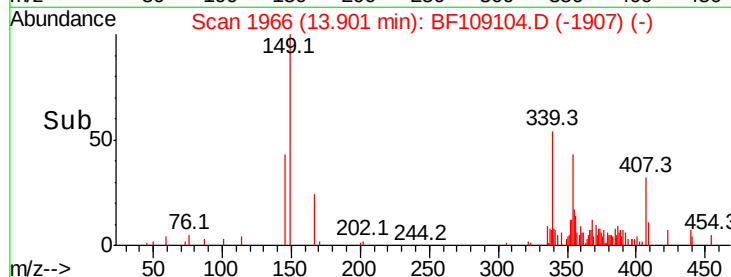
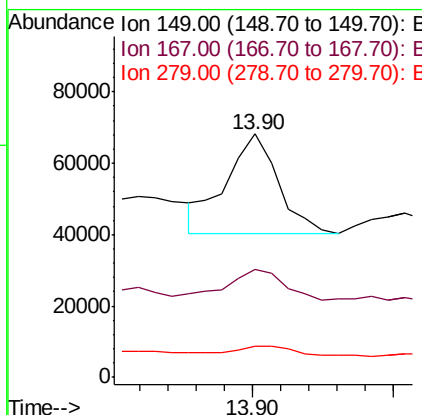
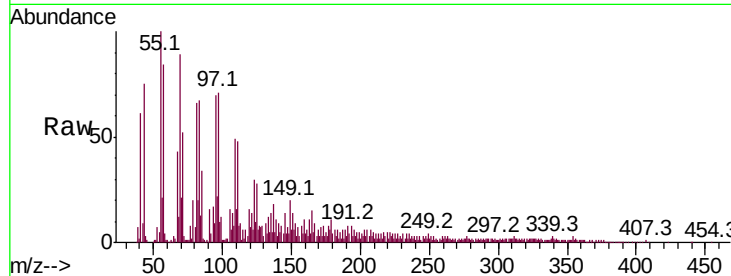




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.838 ng
RT: 13.90 min Scan# 1966
Delta R.T. 0.05 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 35351
Ion Ratio Lower Upper
149 100
167 44.3 21.3 31.9#
279 12.6 3.0 4.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2204
Delta R.T. 0.05 min
Lab File: BF109104.D
Acq: 18 Sep 2018 19:08

Tgt Ion:264 Resp: 322814
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.5 17.5 26.3

