

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102737.D
 Acq On : 5 Feb 2018 14:56
 Operator : SJ/JU
 Sample : J1399-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 15:59:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	207831	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	837506	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	353572	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	517830	20.00	ng	0.00
75) Chrysene-d12	14.04	240	325793	20.00	ng	0.00
86) Perylene-d12	15.53	264	288218	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	345483	25.25	ng	-0.01
7) Phenol-d6	6.49	99	410534	24.91	ng	-0.01
23) Nitrobenzene-d5	7.43	82	228635	18.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	68533	24.08	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	395289	18.55	ng	-0.01
78) Terphenyl-d14	12.99	244	248779	18.08	ng	-0.01

Target Compounds

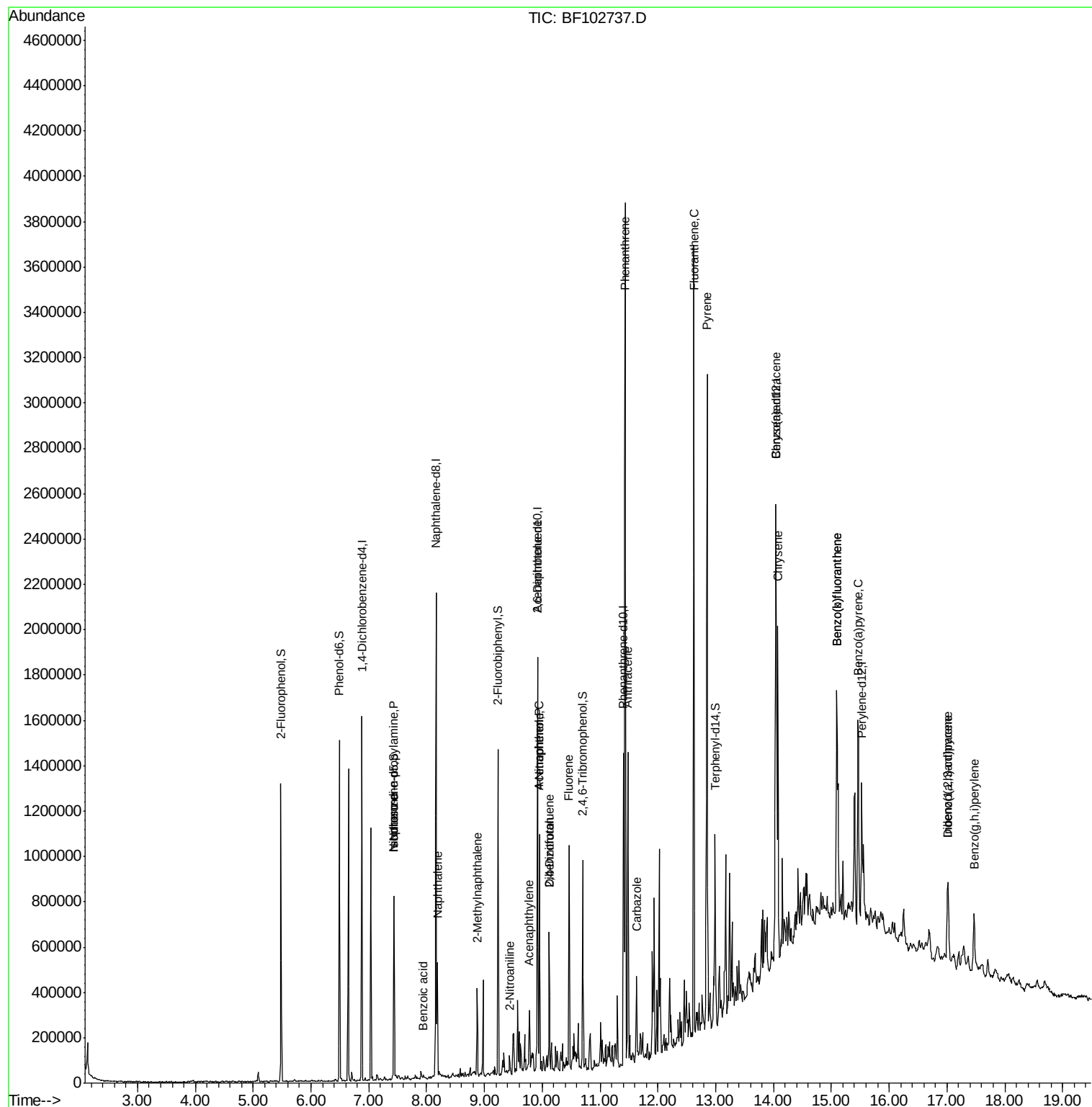
						Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	32284	2.972	ng	# 84
24) Nitrobenzene	7.44	77	709	Below	Cal	# 28
25) Isophorone	7.43	82	228214	8.209	ng	# 64
31) Naphthalene	8.19	128	201877	4.934	ng	# 98
32) Benzoic acid	7.94	122	351	8.584	ng	# 36
37) 2-Methylnaphthalene	8.87	142	88312	3.296	ng	# 99
47) 2-Nitroaniline	9.43	65	925	3.591	ng	# 2
48) Acenaphthylene	9.78	152	90831	2.494	ng	# 98
50) 2,6-Dinitrotoluene	9.92	165	50446	9.618	ng	# 26
51) Acenaphthene	9.95	154	186931	8.584	ng	# 97
54) Dibenzofuran	10.12	168	193175	6.294	ng	# 99
55) 4-Nitrophenol	9.95	139	2761	4.518	ng	# 87
56) 2,4-Dinitrotoluene	10.12	165	1860	3.323	ng	# 1
57) Fluorene	10.47	166	281249	12.596	ng	# 100
70) Phenanthrene	11.43	178	1395112	48.375	ng	# 99
71) Anthracene	11.48	178	478889	16.326	ng	# 98
72) Carbazole	11.63	167	138269	4.812	ng	# 99
74) Fluoranthene	12.62	202	1492372	51.432	ng	# 99
77) Pyrene	12.85	202	1286943	50.375	ng	# 99
80) Benzo(a)anthracene	14.04	228	640839	31.277	ng	# 97
82) Chrysene	14.07	228	570614	27.627	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.02	276	237658	13.874	ng	# 94
87) Benzo(b)fluoranthene	15.09	252	851878	45.589	ng	# 94
88) Benzo(k)fluoranthene	15.09	252	851878	47.712	ng	# 97
89) Benzo(a)pyrene	15.46	252	447515	26.606	ng	# 94
90) Dibenzo(a,h)anthracene	17.02	278	59504	4.359	ng	# 80
91) Benzo(g,h,i)perylene	17.47	276	212555	15.907	ng	# 98

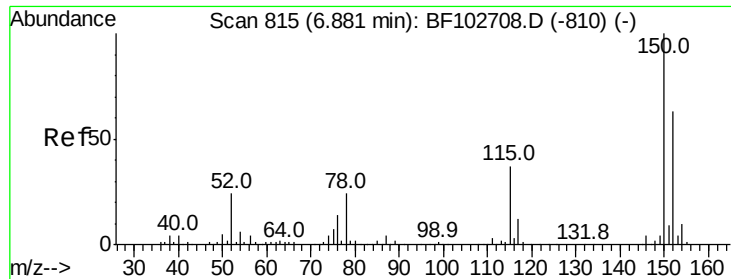
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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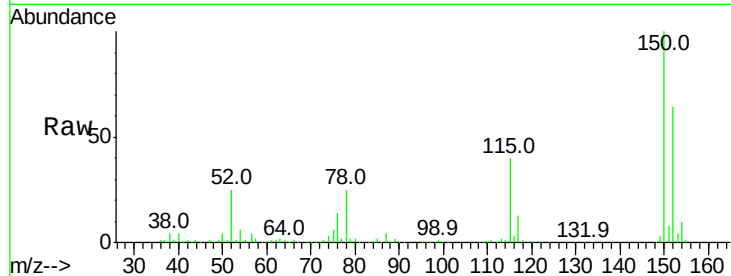


#1

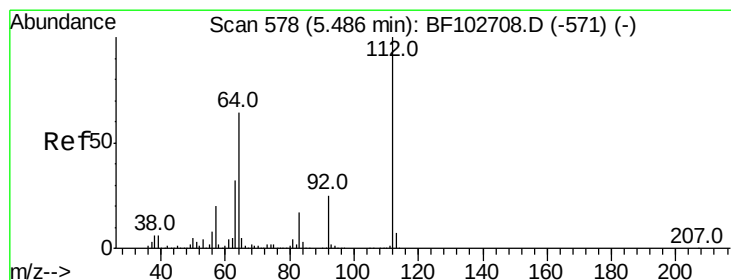
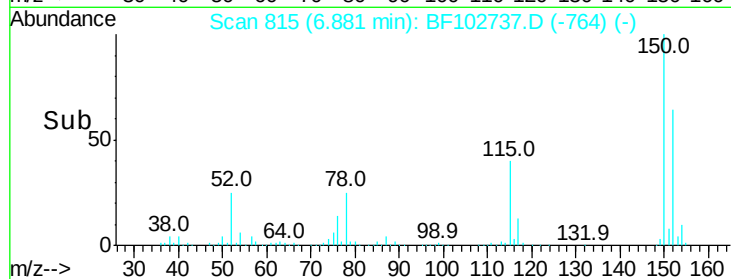
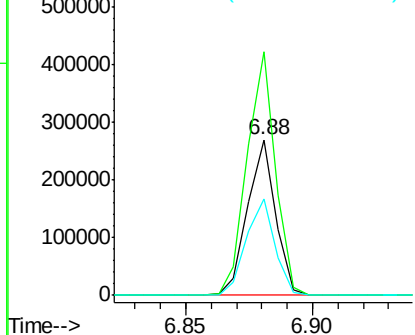
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.0	50.1	75.1



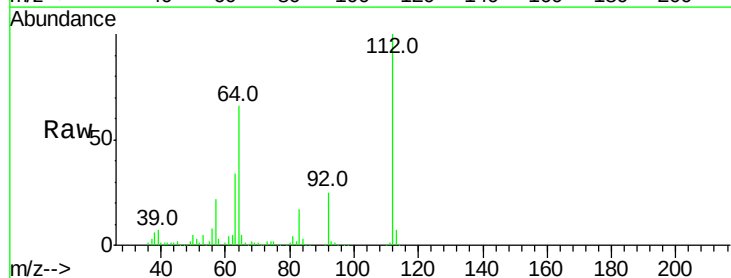
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



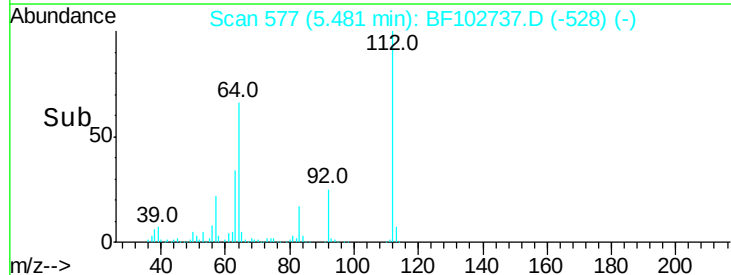
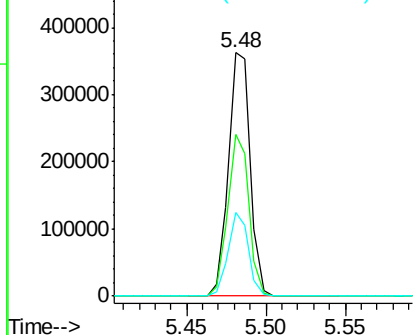
#5

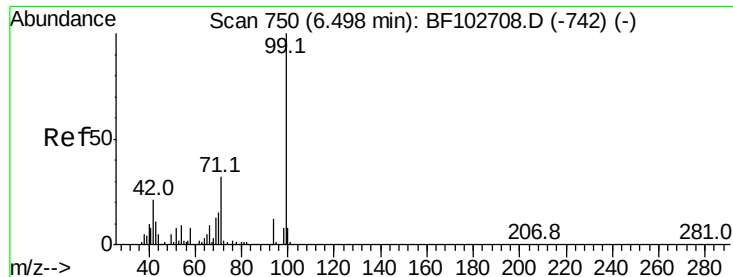
2-Fluorophenol
Concen: 25.245 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	34.1	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: 24.914 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

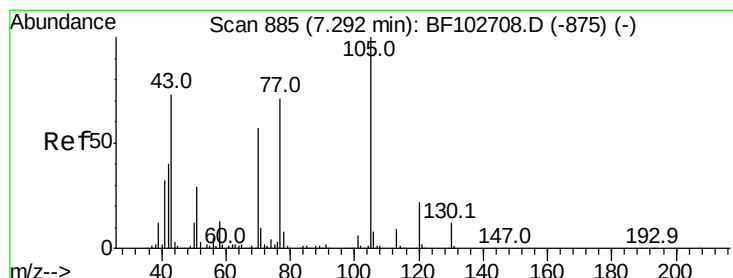
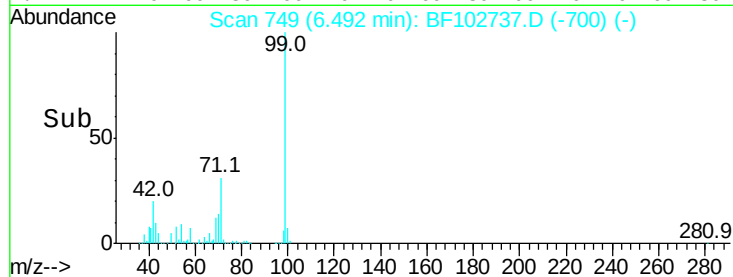
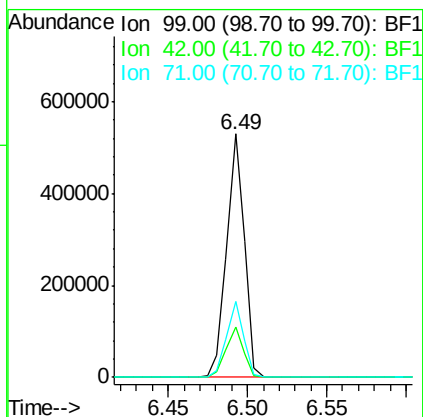
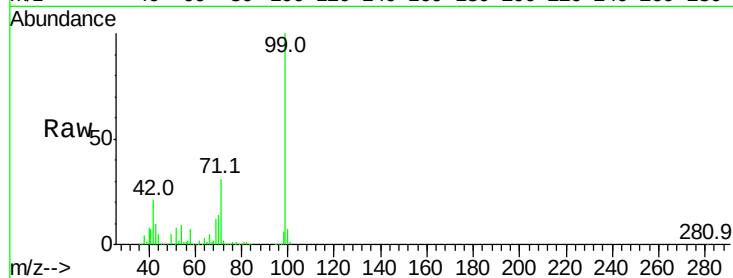
Tot Ion: 99 Resp: 410534

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.972 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Tgt Ion: 70 Resp: 32284

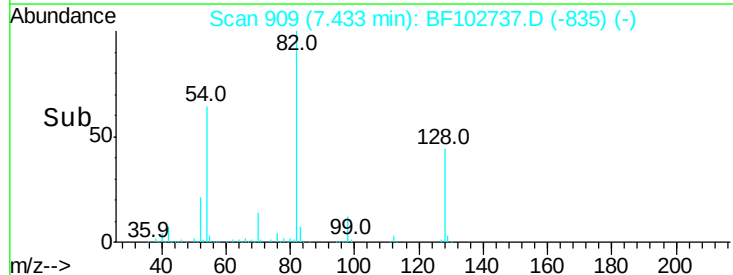
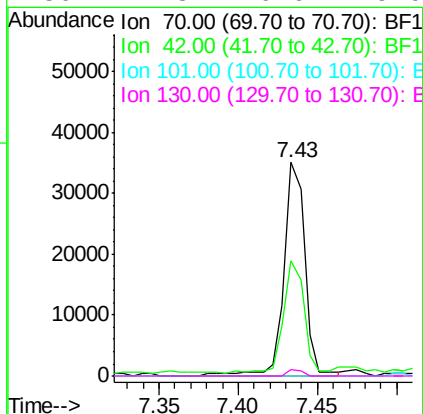
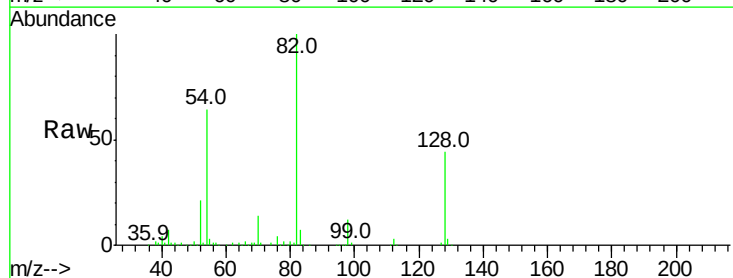
Ion Ratio Lower Upper

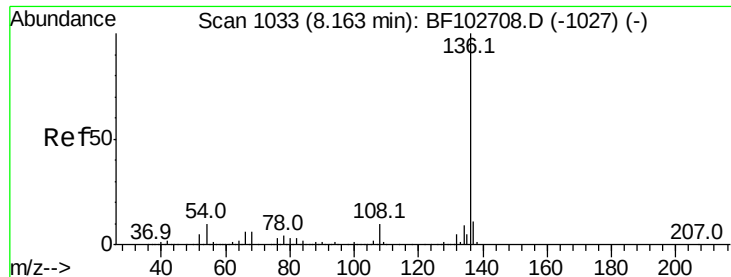
70 100

42 54.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

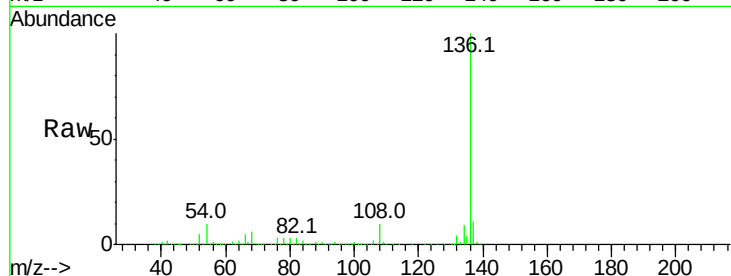




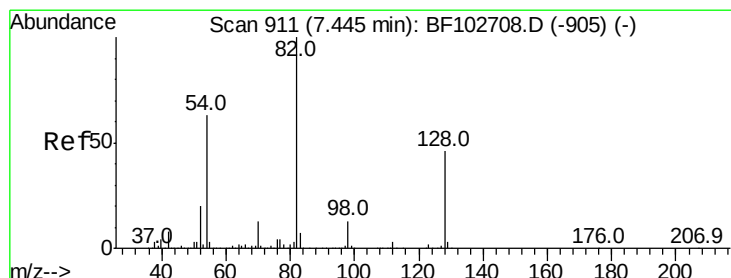
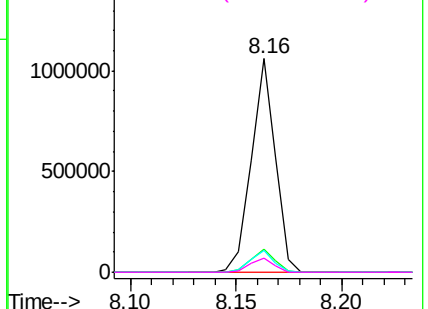
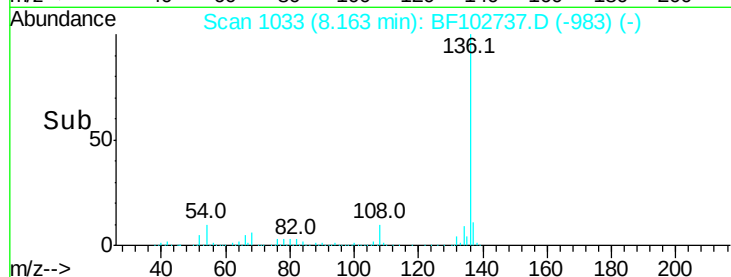
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	837506
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	10.0	6.6 9.8#
68	6.4	5.0 7.4

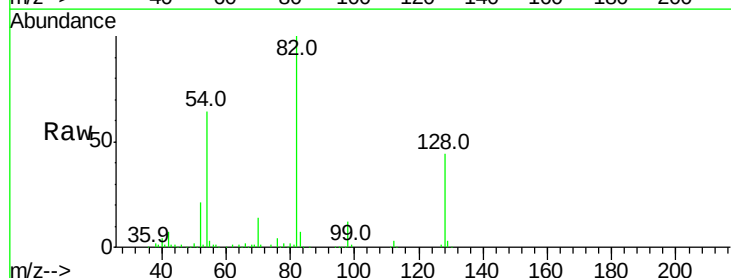


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

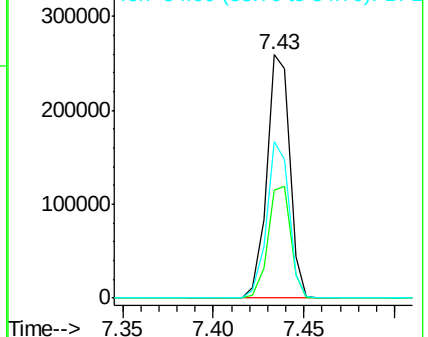
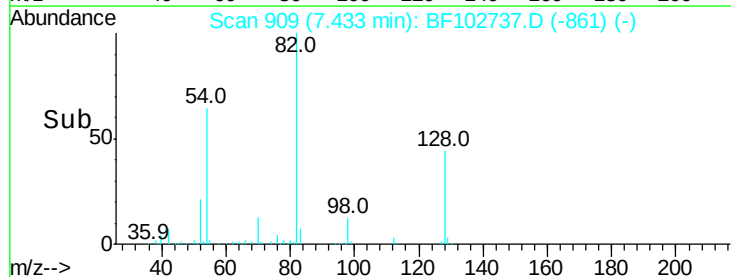


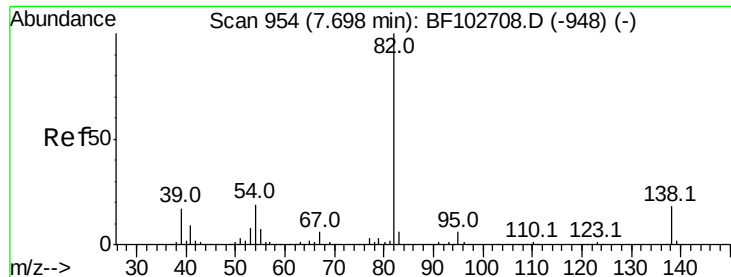
#23
Nitrobenzene-d5
Concen: 18.938 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion: 82	Resp:	228635
Ion Ratio	Lower	Upper
82	100	
128	44.4	36.1 54.1
54	64.1	41.4 62.2#



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





#25

Isophorone

Concen: 8.209 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

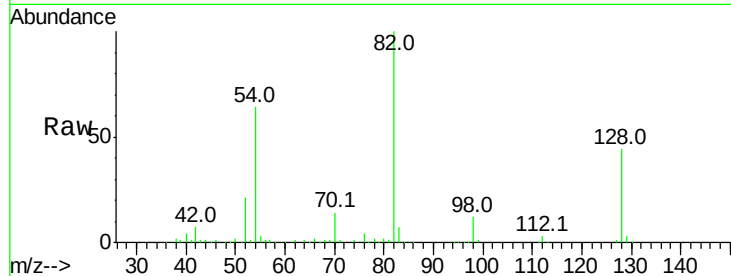
Tot Ion: 82 Resp: 228214

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

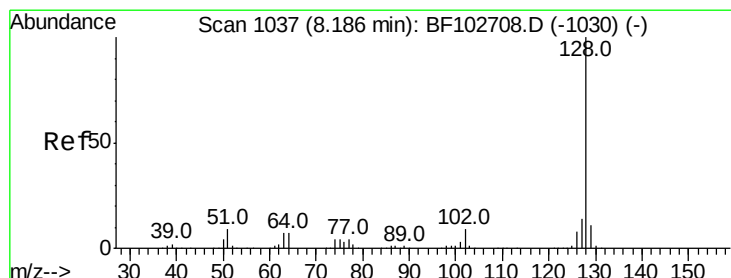
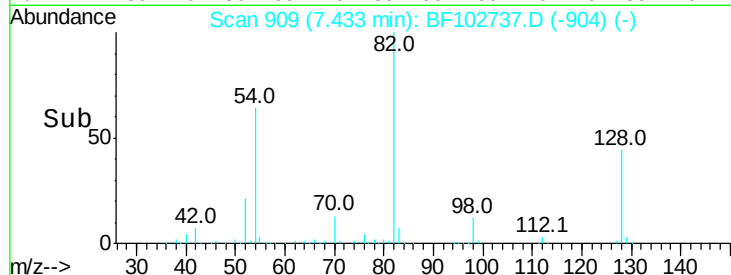
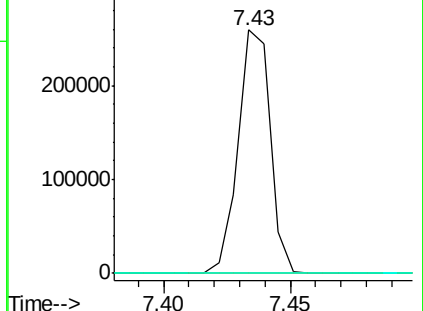
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 4.934 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

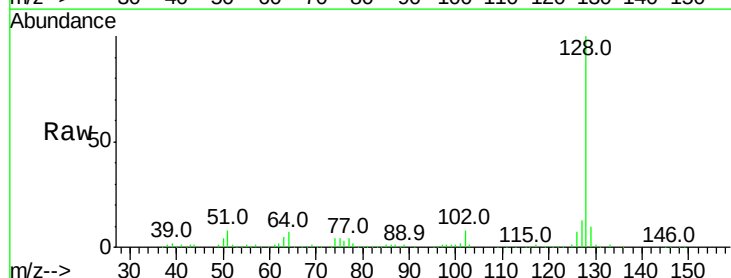
Tgt Ion: 128 Resp: 201877

Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

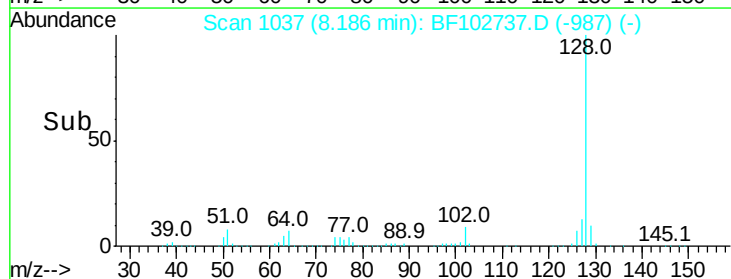
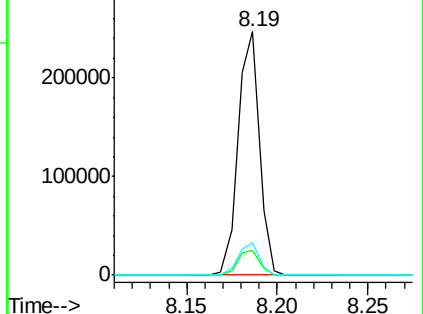
127 13.2 10.9 16.3

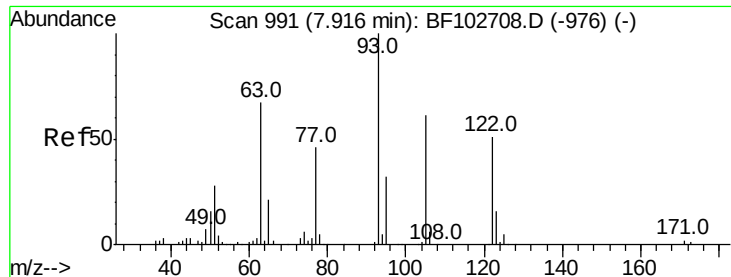


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.584 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF102737.D

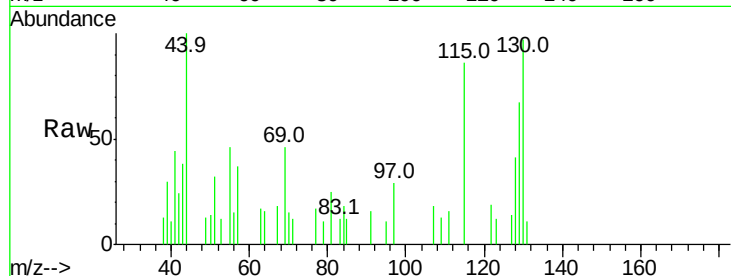
Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampled :

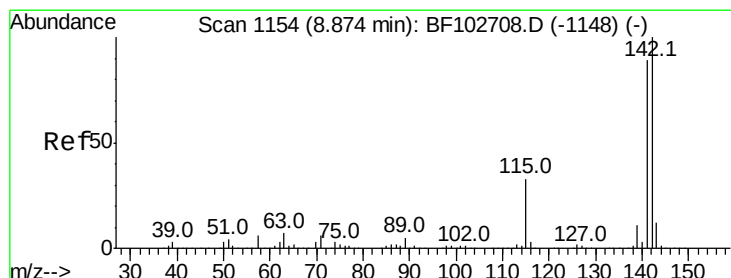
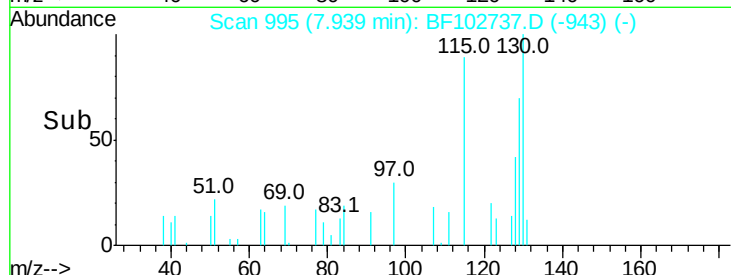
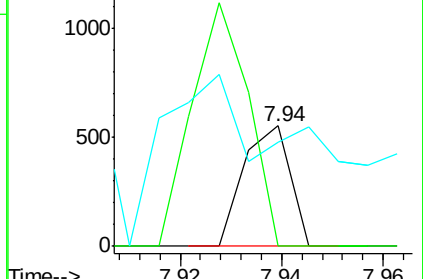
Tot Ion:	122	Resp:	351
Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	86.2	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37

2-Methylnaphthalene

Concen: 3.296 ng

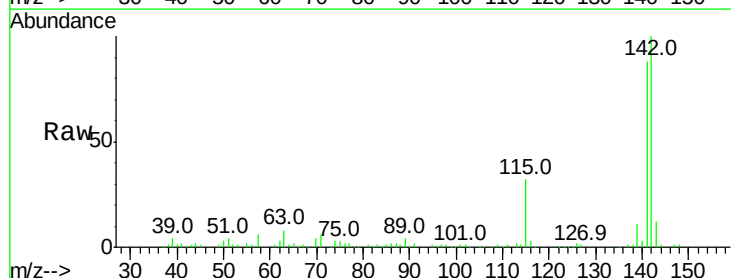
RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

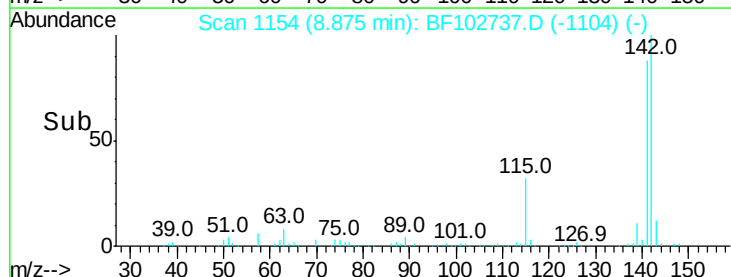
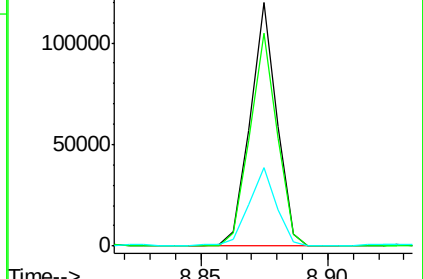
Tgt Ion:	142	Resp:	88312
Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	32.3	26.1	39.1

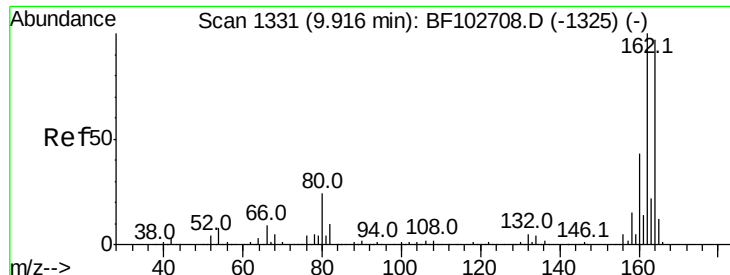


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

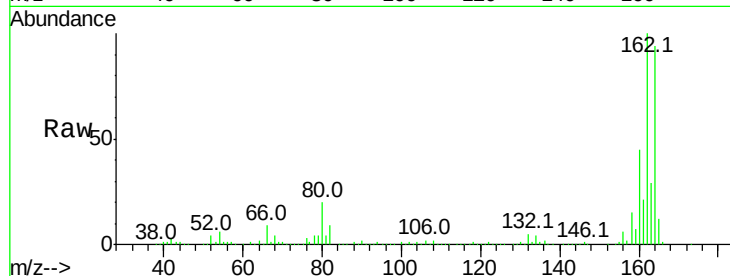




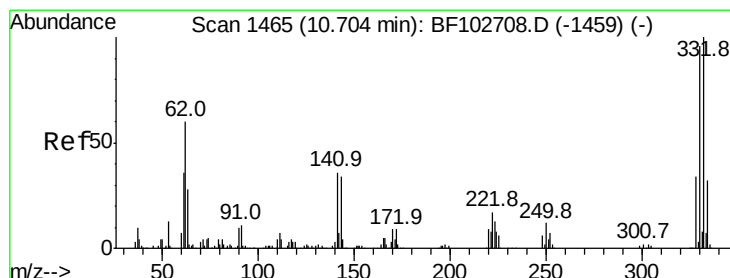
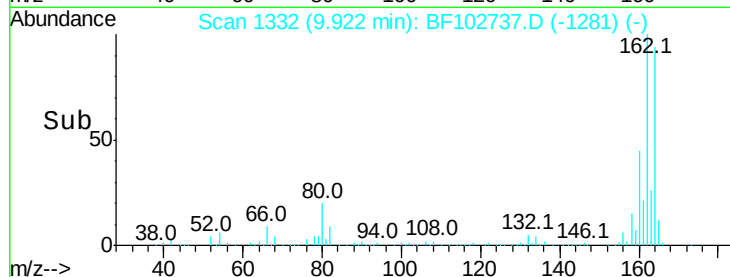
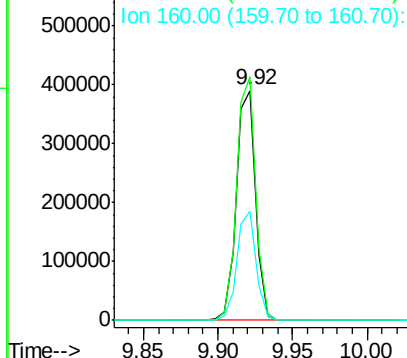
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 353572
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 47.4 38.3 57.5

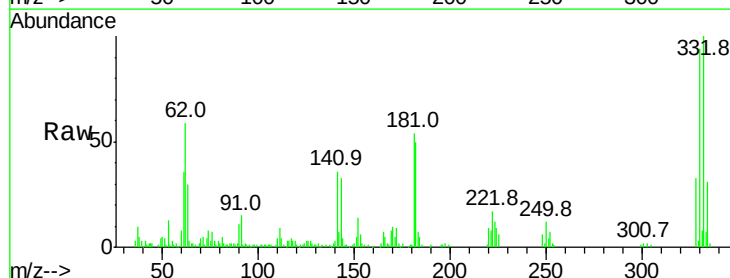


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

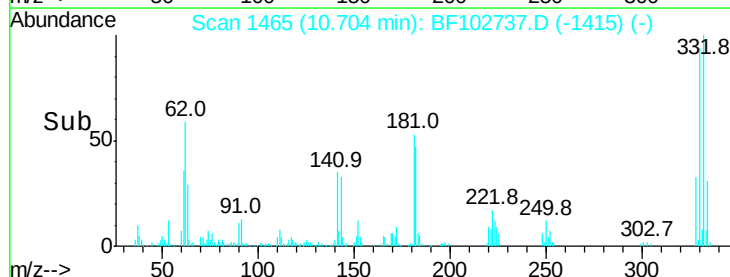
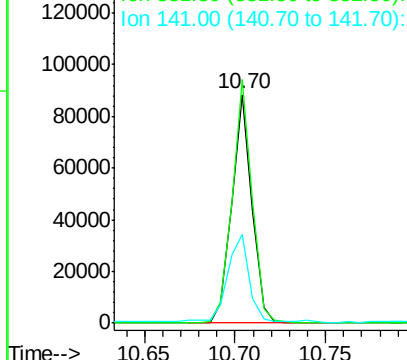


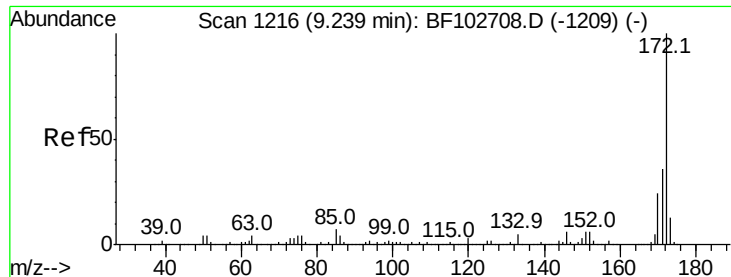
#41
2,4,6-Tribromophenol
Concen: 24.082 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion:330 Resp: 68533
Ion Ratio Lower Upper
330 100
332 104.7 77.0 115.6
141 41.5 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

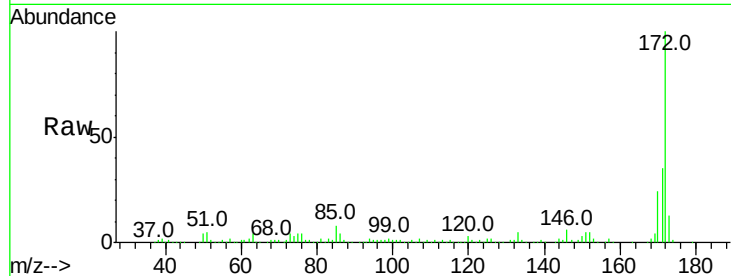




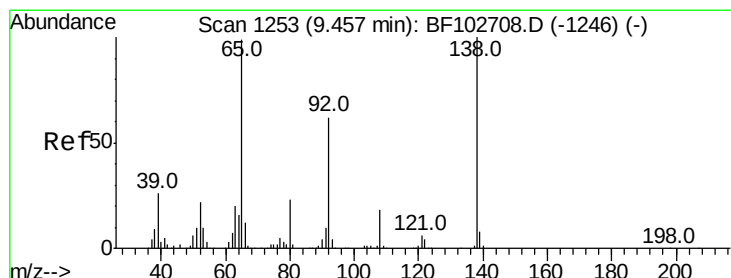
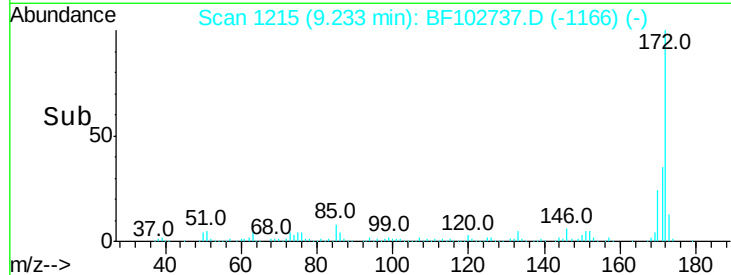
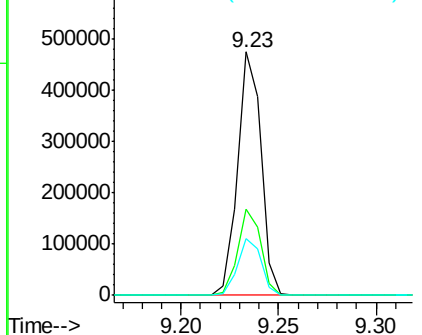
#44
 2-Fluorobiphenyl
 Concen: 18.551 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102737.D
 Acq: 5 Feb 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4

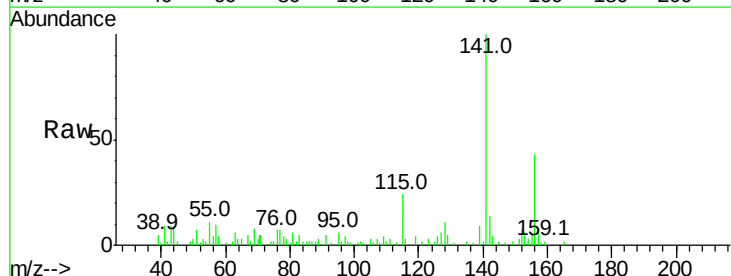


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

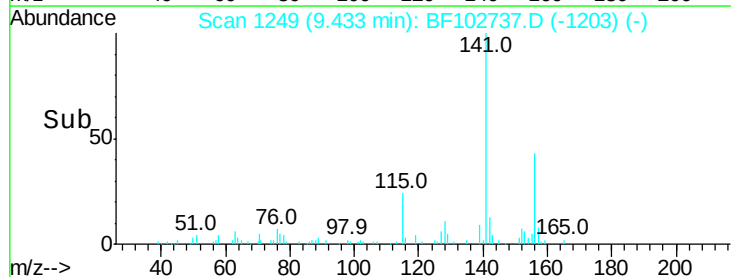
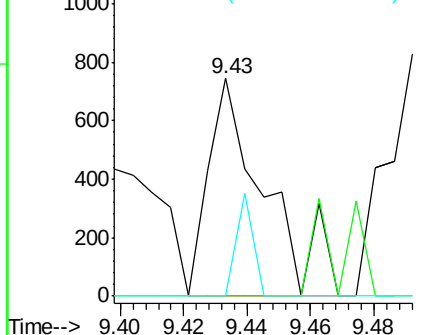


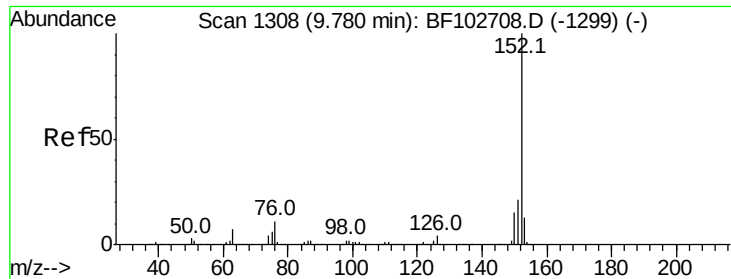
#47
 2-Nitroaniline
 Concen: 3.591 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.03 min
 Lab File: BF102737.D
 Acq: 5 Feb 2018 14:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



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





#48

Acenaphthylene

Concen: 2.494 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

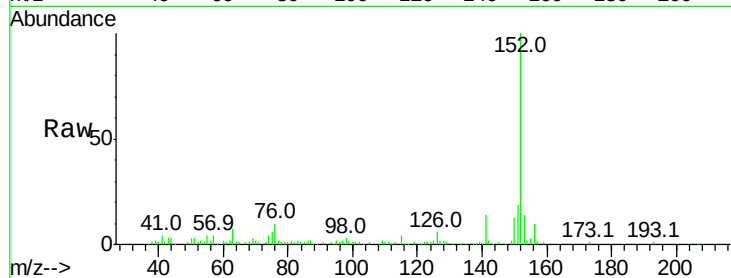
Tot Ion:152 Resp: 90831

Ion Ratio Lower Upper

152 100

151 19.2 16.3 24.5

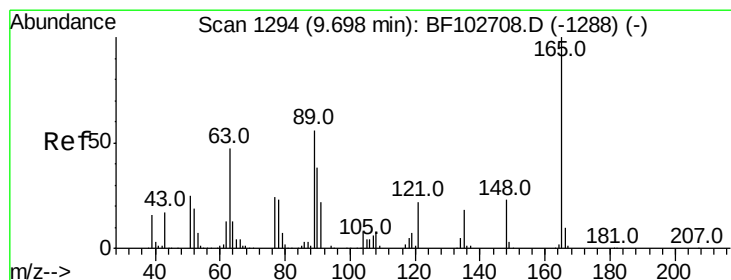
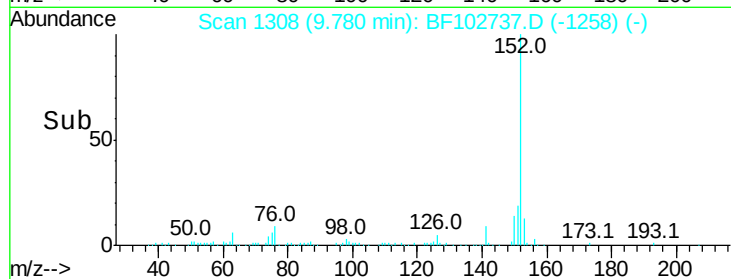
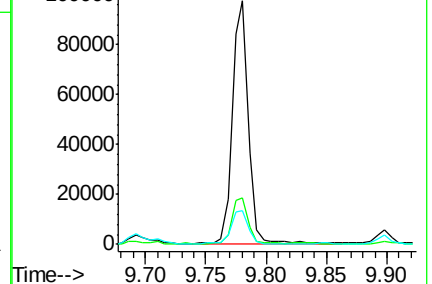
153 14.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 9.618 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

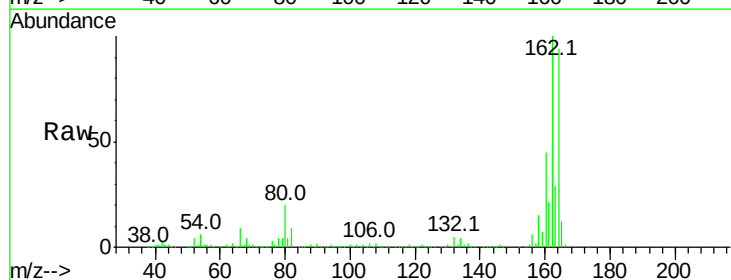
Tgt Ion:165 Resp: 50446

Ion Ratio Lower Upper

165 100

63 1.5 44.7 67.1#

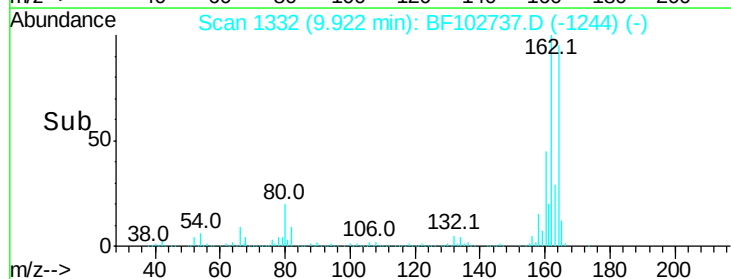
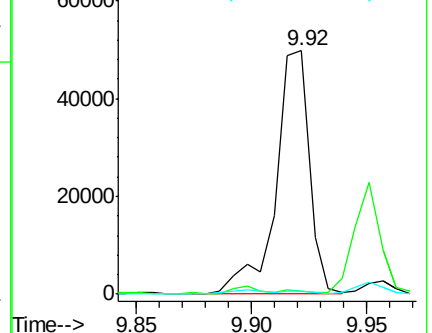
89 1.4 44.0 66.0#

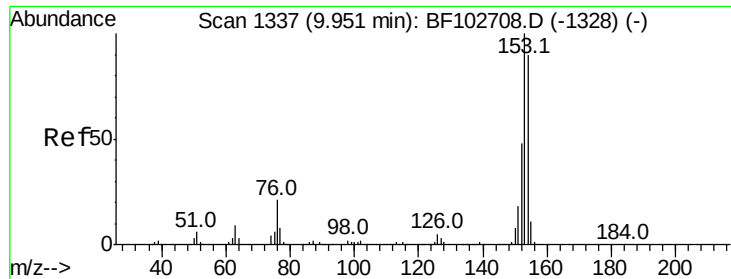


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 8.584 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

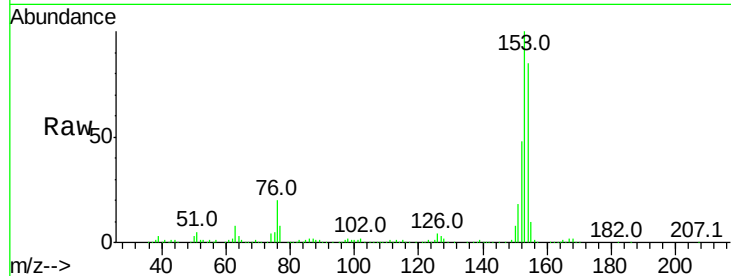
Tot Ion:154 Resp: 186931

Ion Ratio Lower Upper

154 100

153 117.4 91.2 136.8

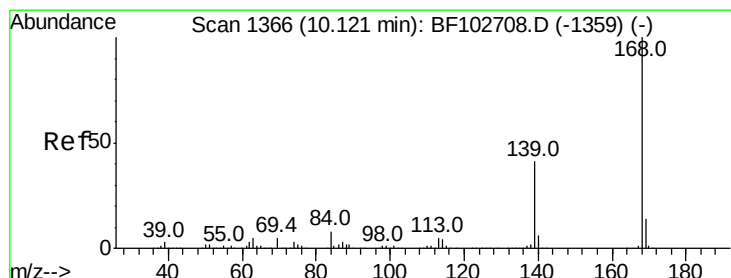
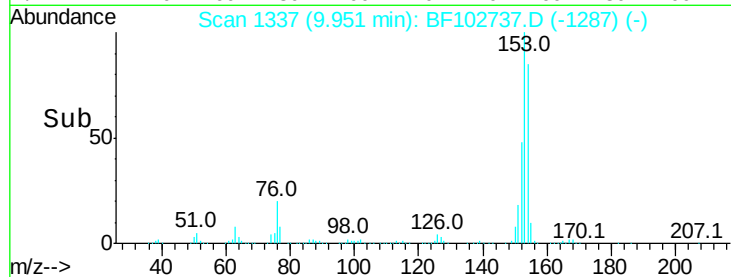
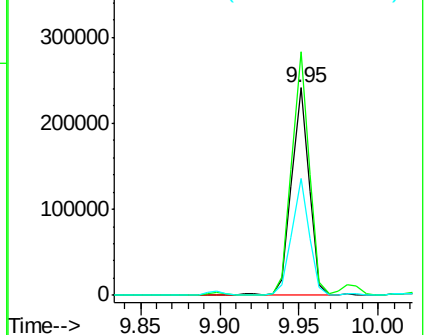
152 56.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 6.294 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

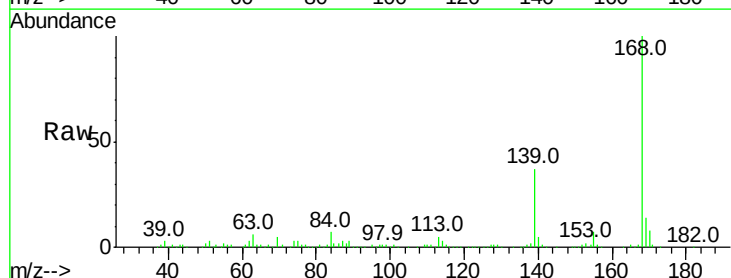
Tgt Ion:168 Resp: 193175

Ion Ratio Lower Upper

168 100

139 37.3 30.1 45.1

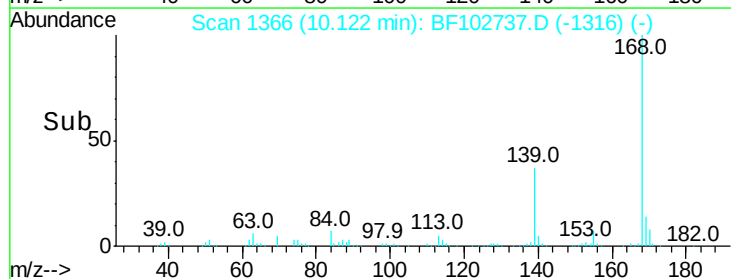
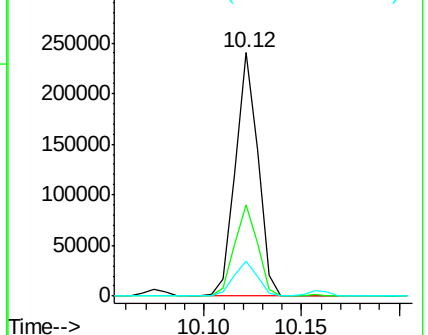
169 14.1 10.9 16.3

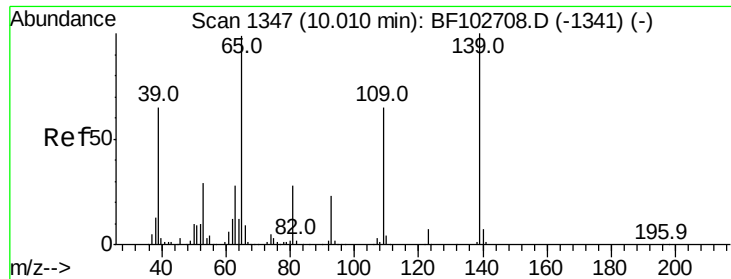


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 4.518 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.07 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampled :

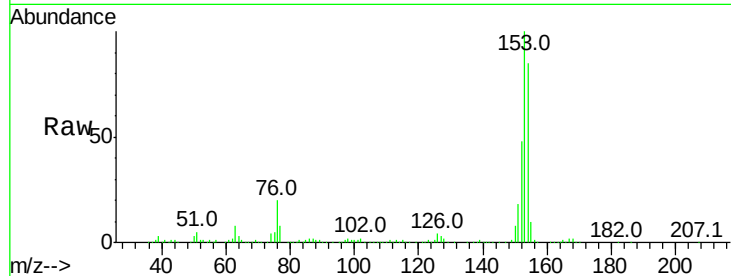
Tot Ion:139 Resp: 2761

Ion Ratio Lower Upper

139 100

109 50.0 48.4 88.4

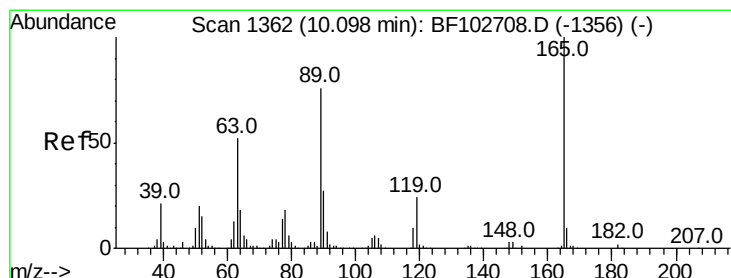
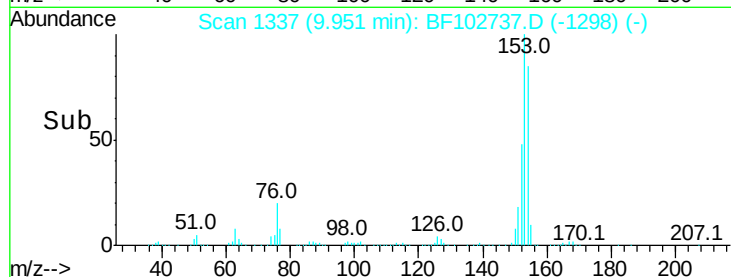
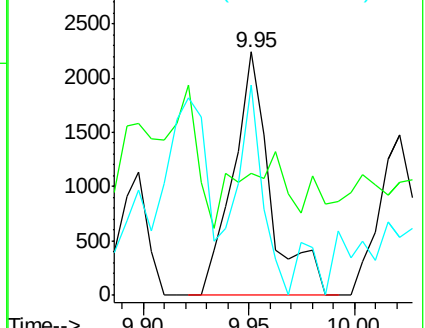
65 86.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 3.323 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Tgt Ion:165 Resp: 1860

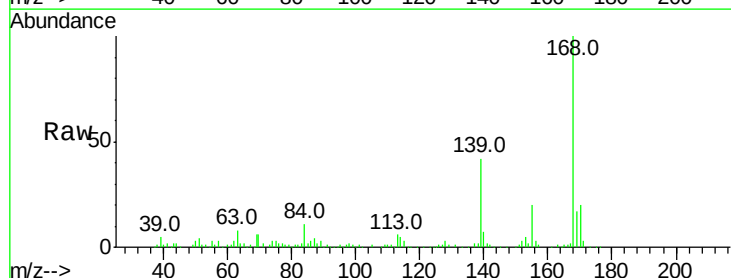
Ion Ratio Lower Upper

165 100

63 551.9 36.4 54.6#

89 232.2 57.8 86.6#

182 0.0 1.6 2.4#

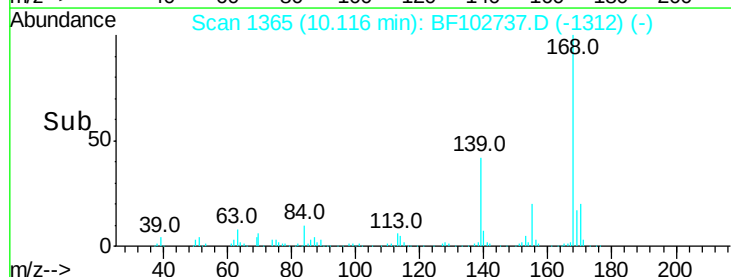
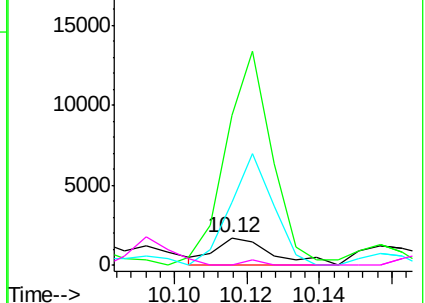


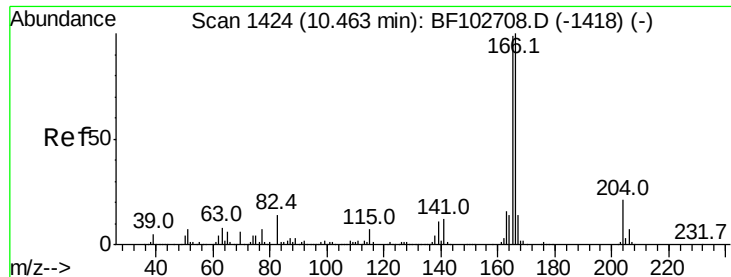
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

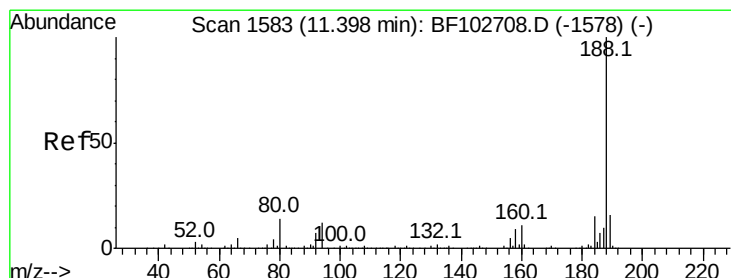
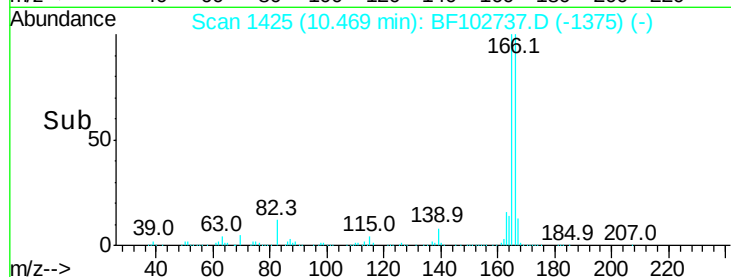
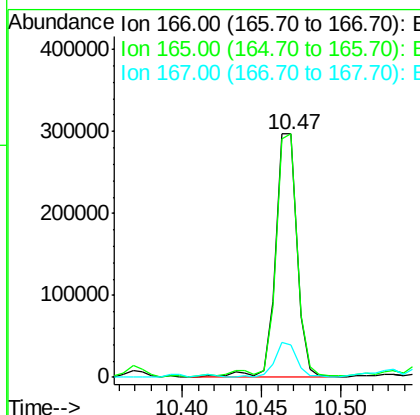
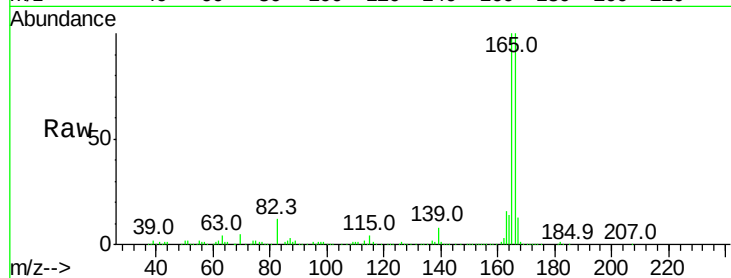




#57
 Fluorene
 Concen: 12.596 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102737.D
 Acq: 5 Feb 2018 14:56

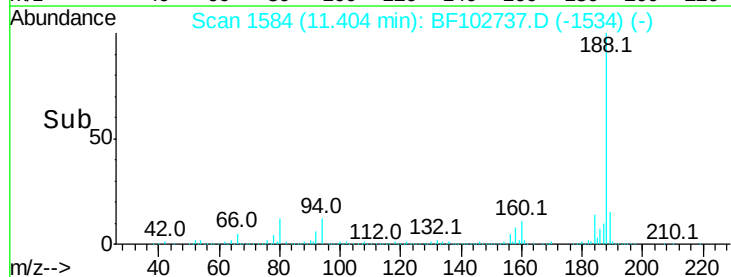
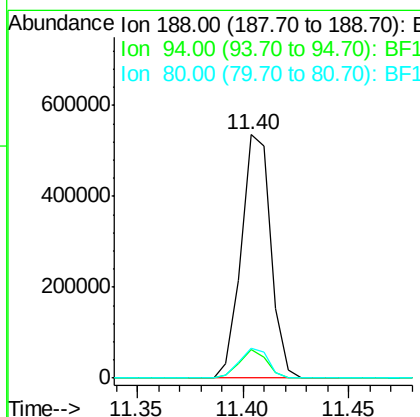
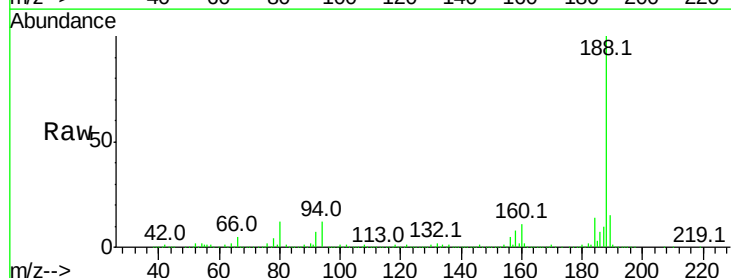
Instrument :
 BNA_F
 ClientSampleId :

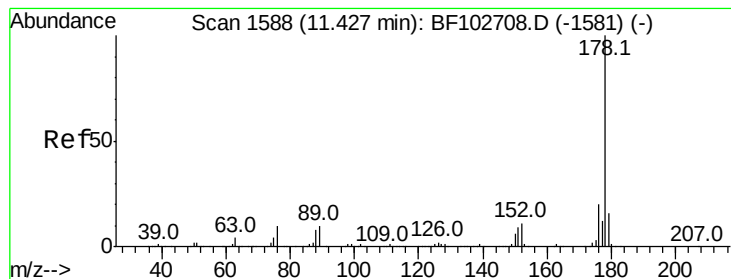
Tot Ion:166 Resp: 281249
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.3 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102737.D
 Acq: 5 Feb 2018 14:56

Tgt Ion:188 Resp: 517830
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.5 12.7
 80 12.3 9.2 13.8





#70

Phenanthrene

Concen: 48.375 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

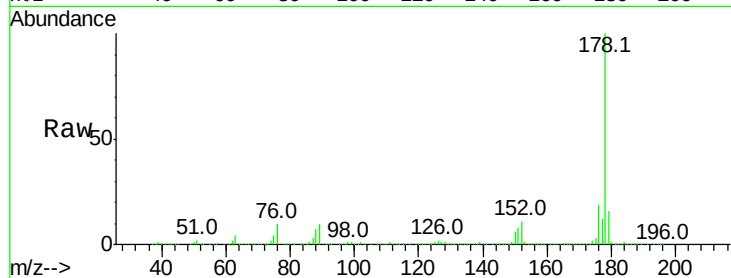
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1395112

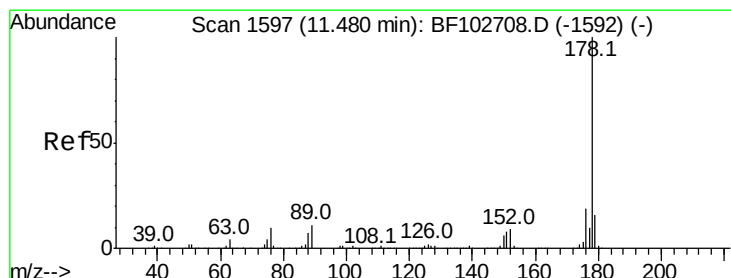
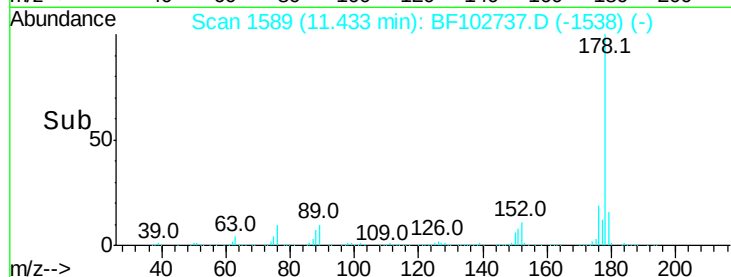
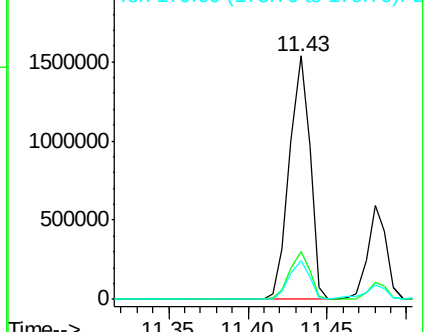
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6



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: 16.326 ng

RT: 11.48 min Scan# 1597

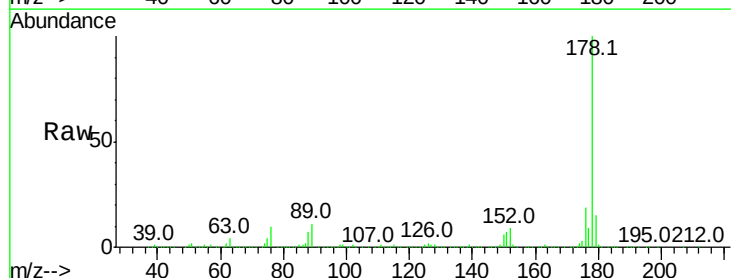
Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Tgt Ion:178 Resp: 478889

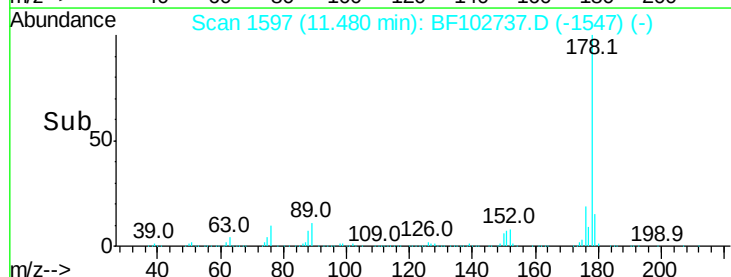
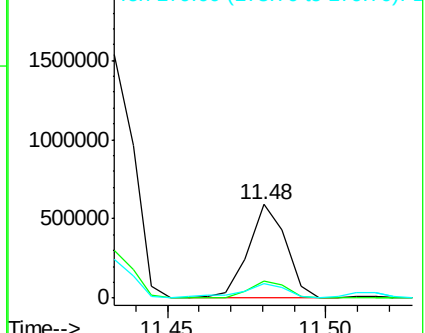
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0

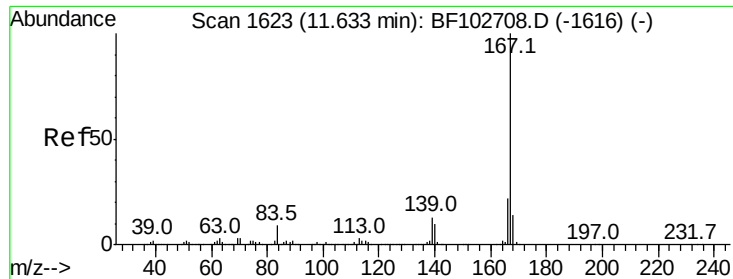


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.812 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

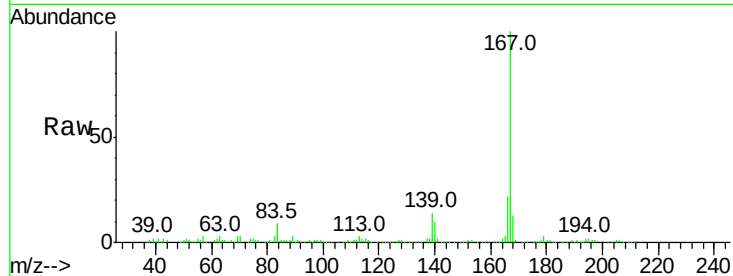
Tot Ion:167 Resp: 138269

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

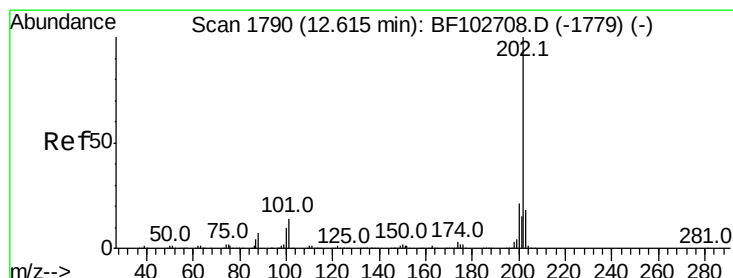
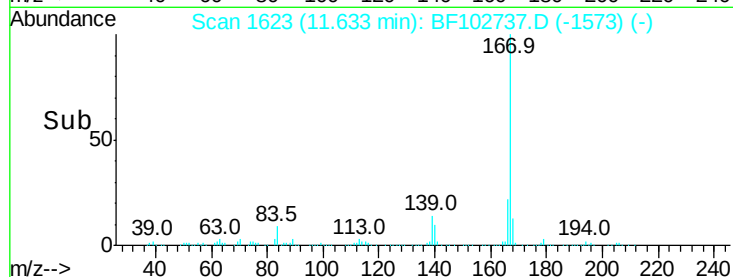
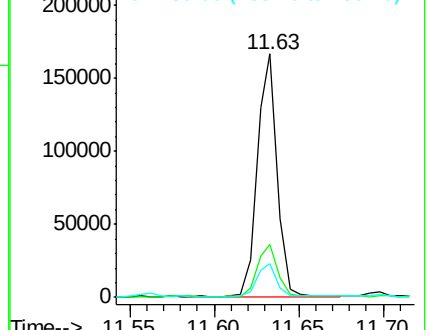
139 14.0 10.9 16.3



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



#74

Fluoranthene

Concen: 51.432 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

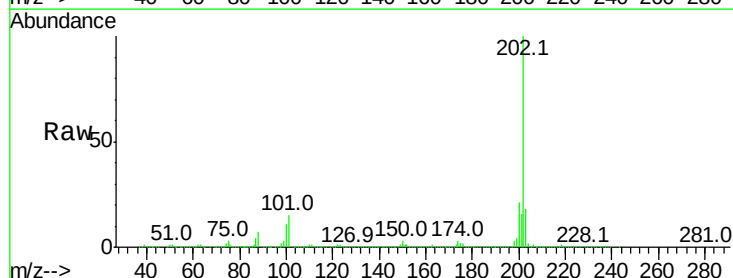
Tgt Ion:202 Resp: 1492372

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

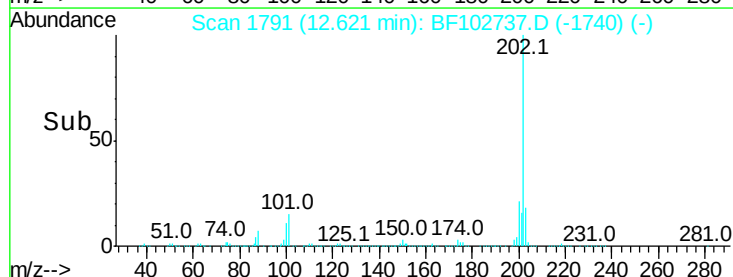
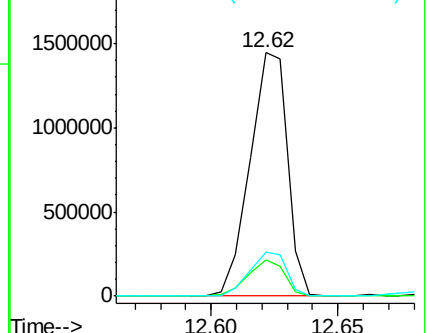
203 18.2 0.0 38.1

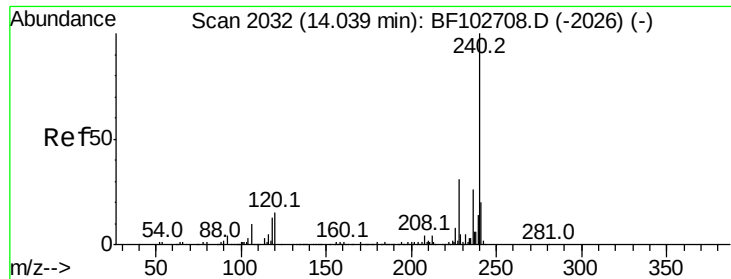


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

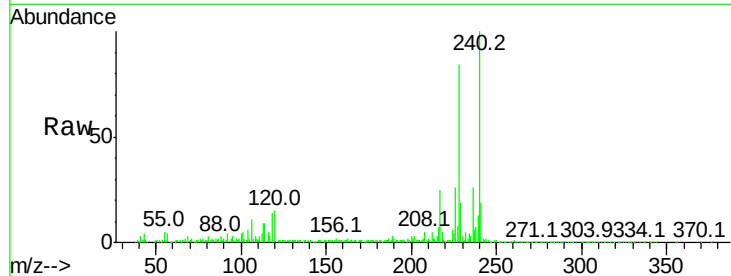
Tot Ion:240 Resp: 325793

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

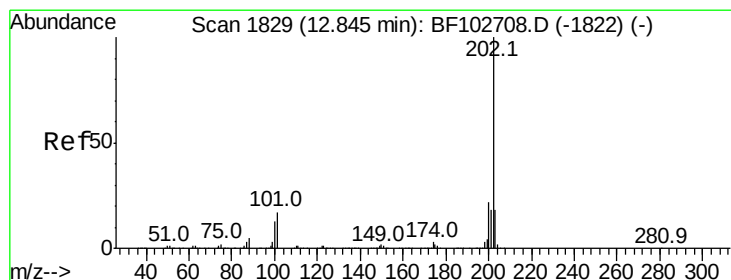
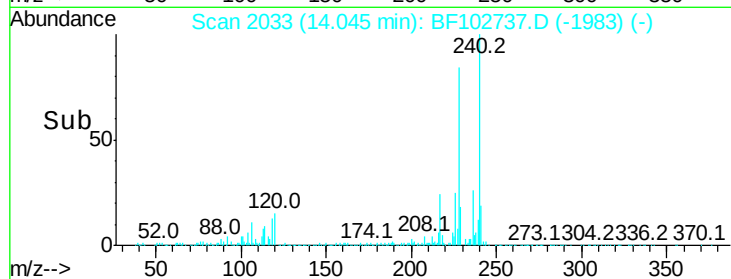
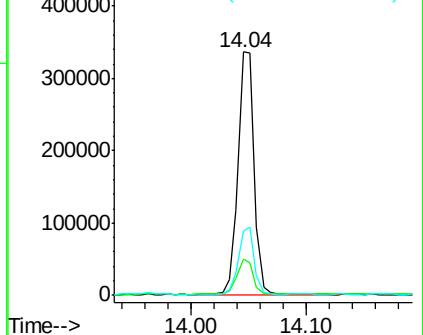
236 26.5 20.7 31.1



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



#77

Pyrene

Concen: 50.375 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

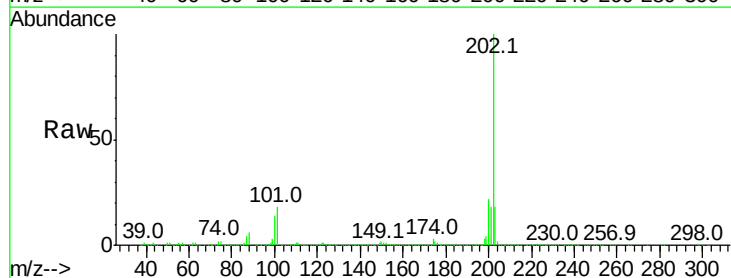
Tgt Ion:202 Resp: 1286943

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

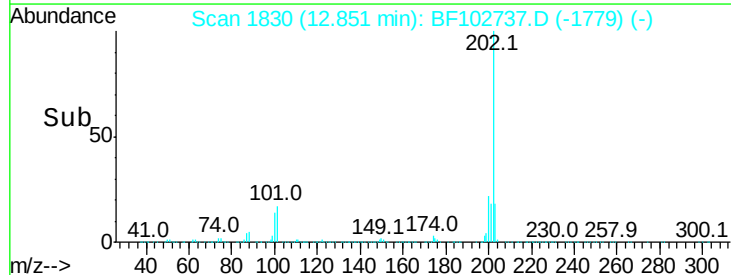
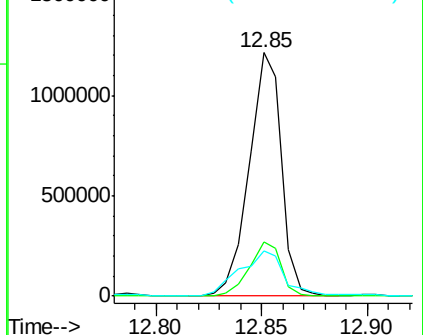
203 18.5 14.3 21.5

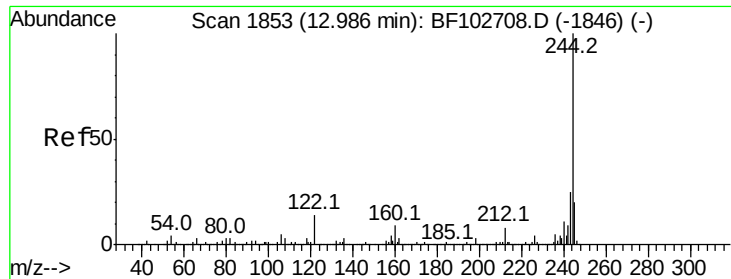


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 18.081 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

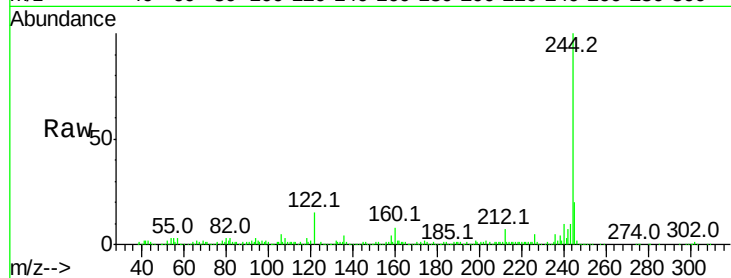
Tot Ion:244 Resp: 248779

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

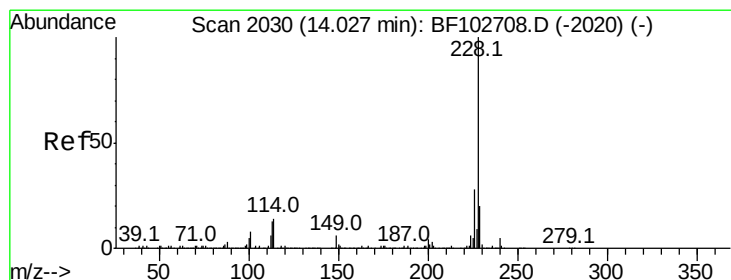
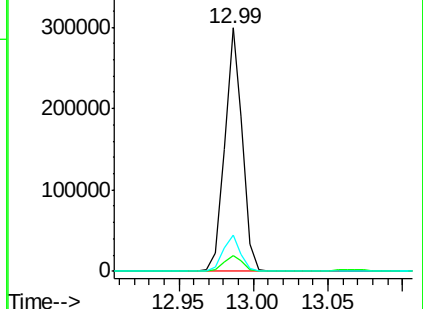
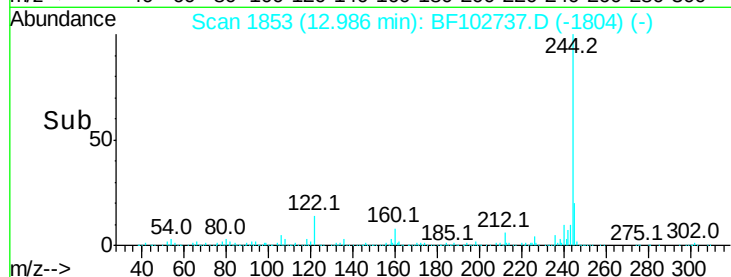
122 14.6 11.0 16.4



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



#80

Benzo(a)anthracene

Concen: 31.277 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

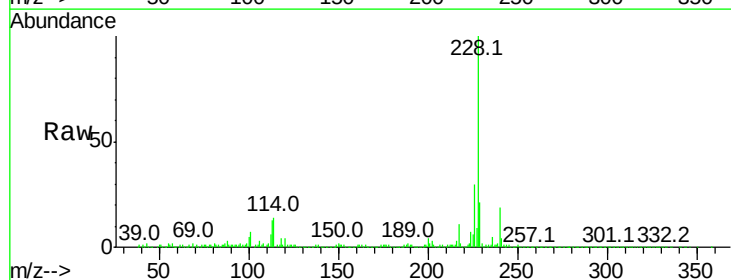
Tgt Ion:228 Resp: 640839

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

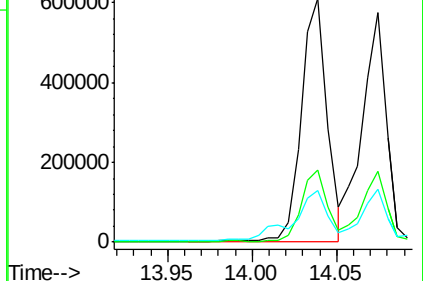
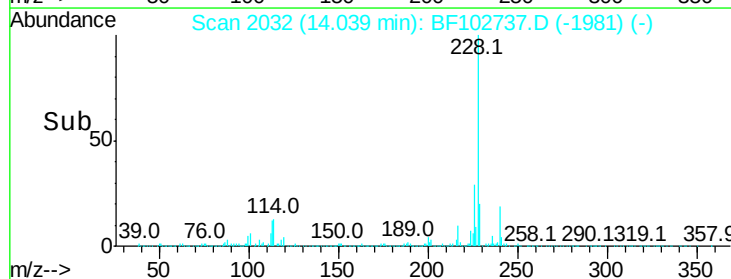
229 21.1 15.8 23.6

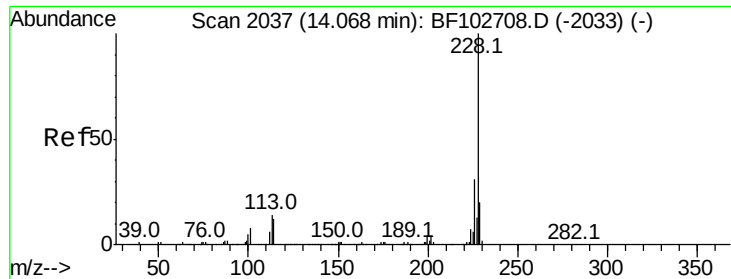


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 27.627 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

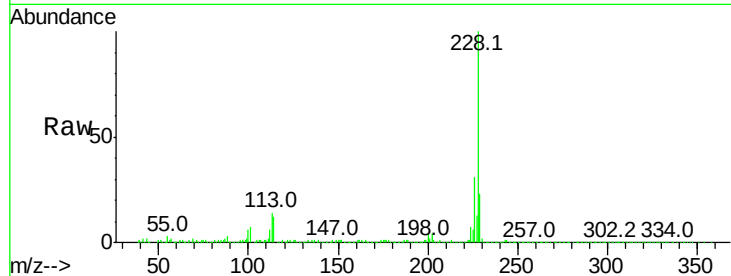
Tot Ion:228 Resp: 570614

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

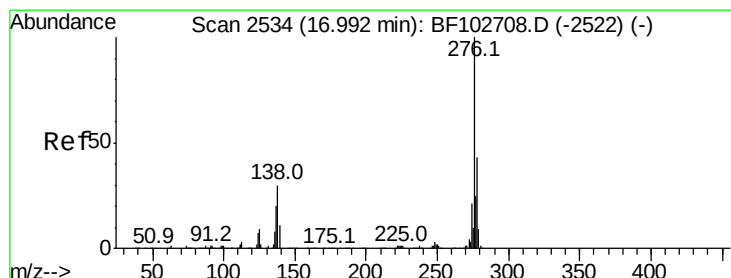
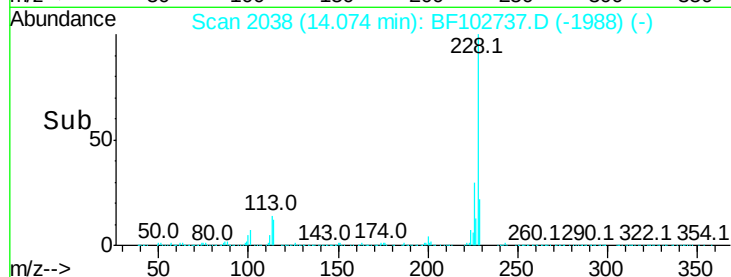
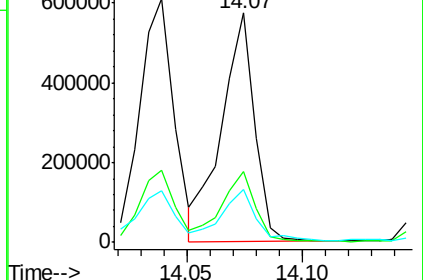
229 22.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.874 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

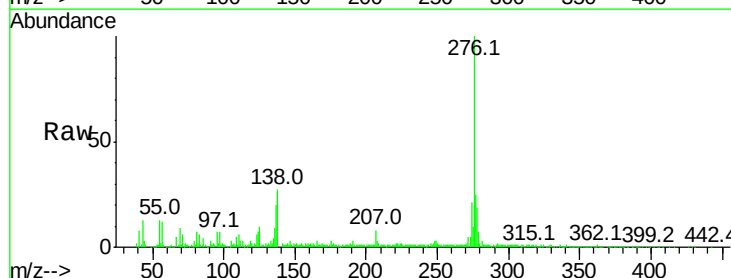
Tgt Ion:276 Resp: 237658

Ion Ratio Lower Upper

276 100

138 26.4 25.0 37.6

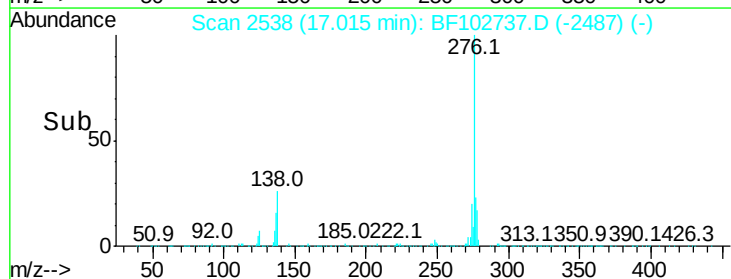
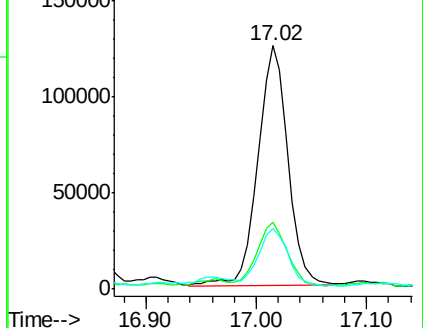
277 23.7 20.1 30.1

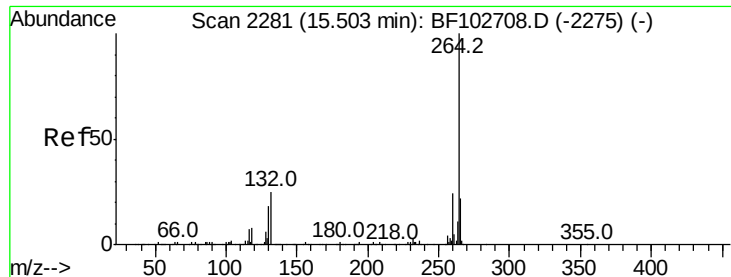


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

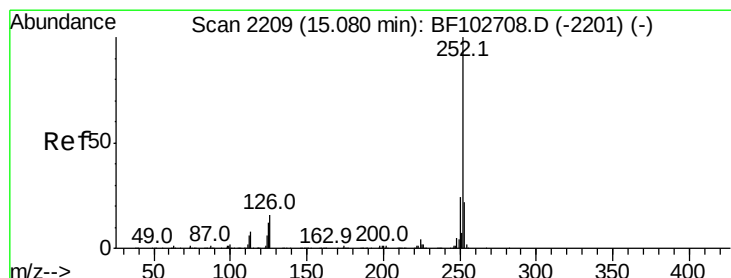
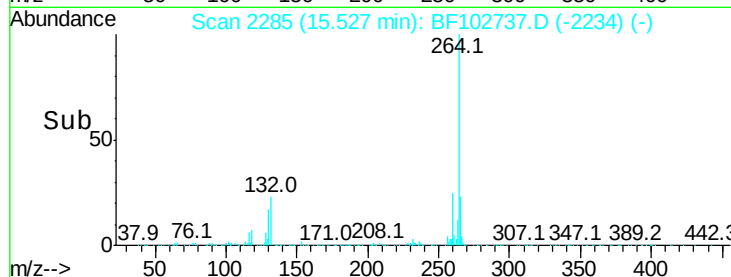
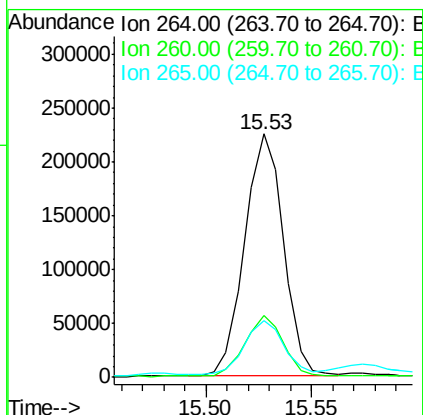
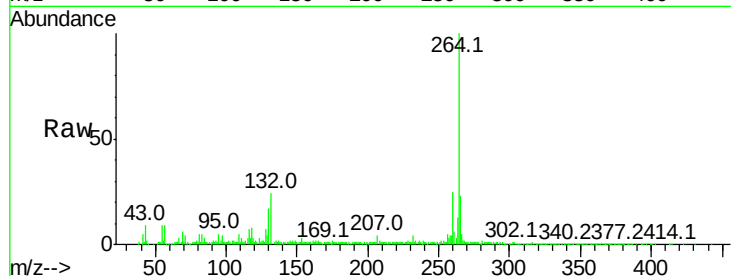




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

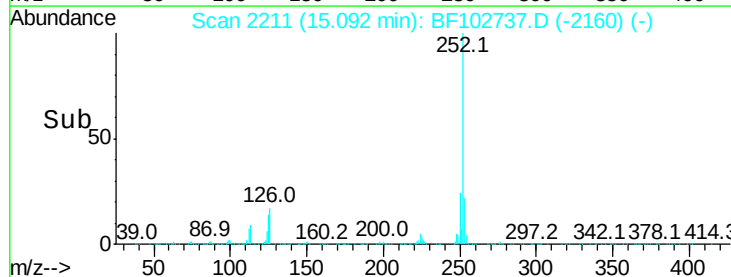
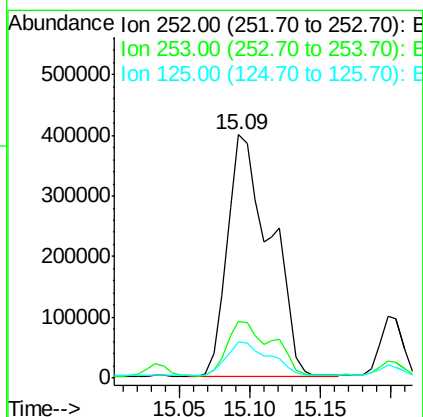
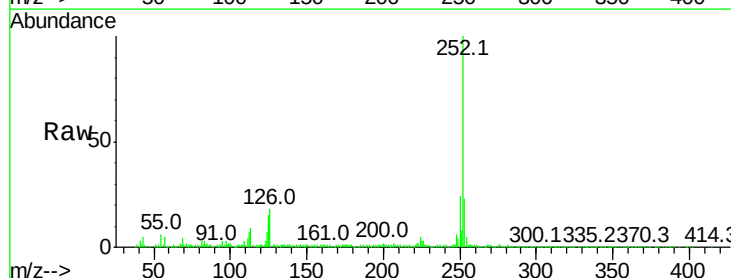
Instrument :
BNA_F
ClientSampleId :

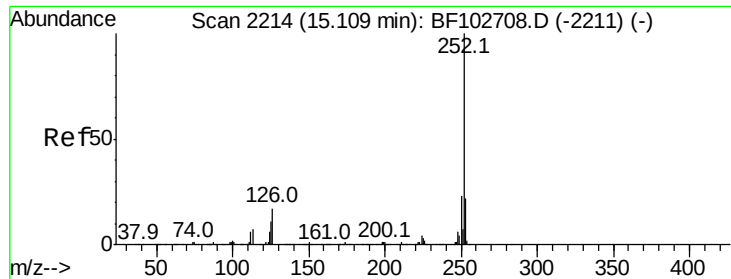
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	23.5	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 45.589 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	14.7	9.0	13.6

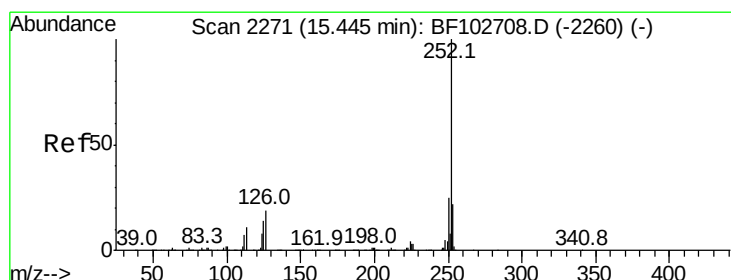
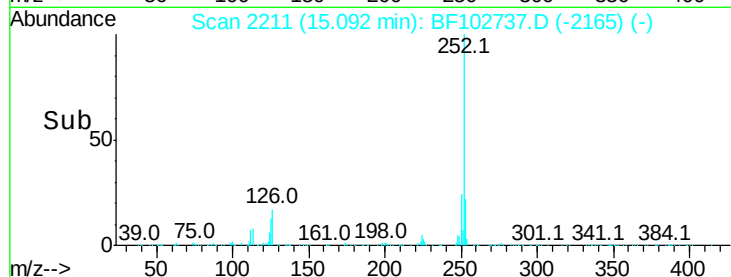
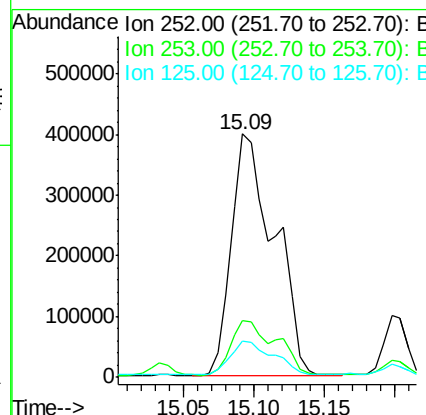
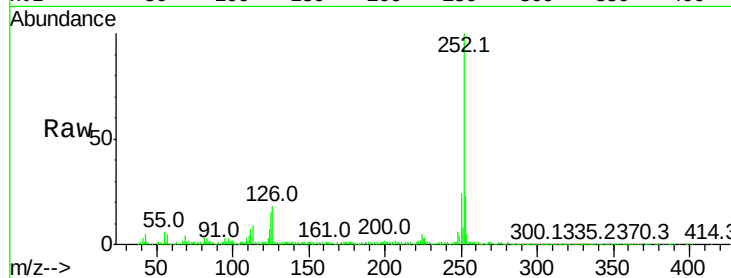




#88
Benzo(k)fluoranthene
Concen: 47.712 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

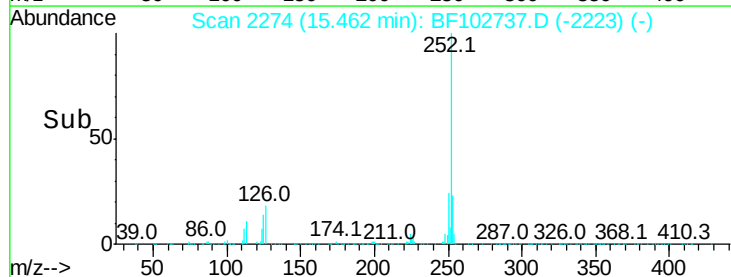
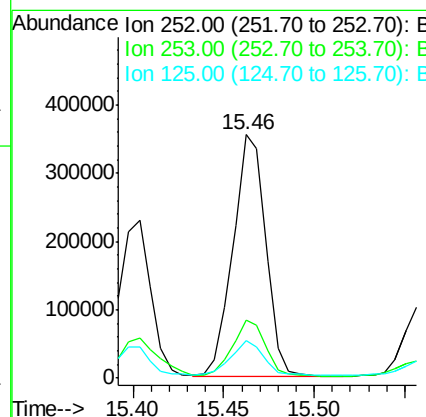
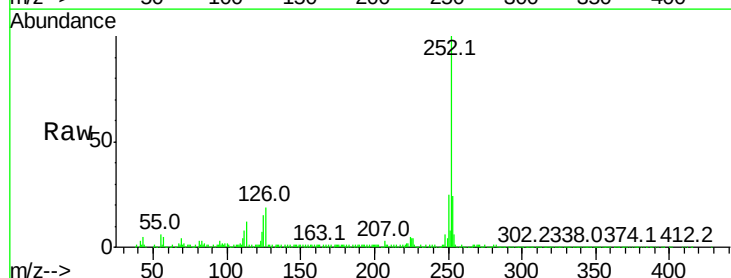
Instrument :
BNA_F
ClientSampled :

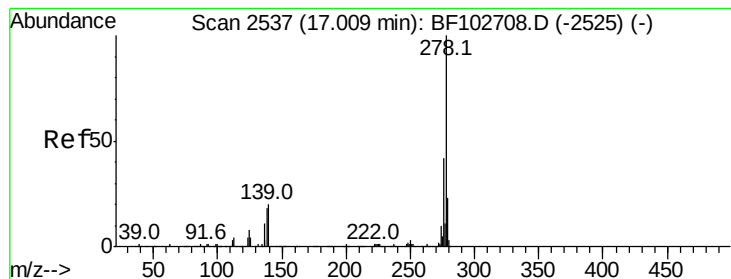
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.7	10.2	15.2



#89
Benzo(a)pyrene
Concen: 26.606 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF102737.D
Acq: 5 Feb 2018 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	15.5	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.359 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.02 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

Instrument :

BNA_F

ClientSampleId :

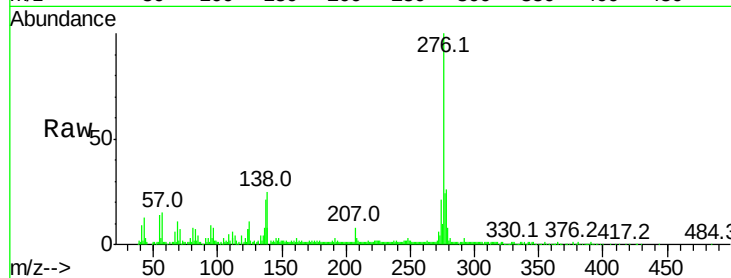
Tot Ion:278 Resp: 59504

Ion Ratio Lower Upper

278 100

139 31.6 15.9 23.9#

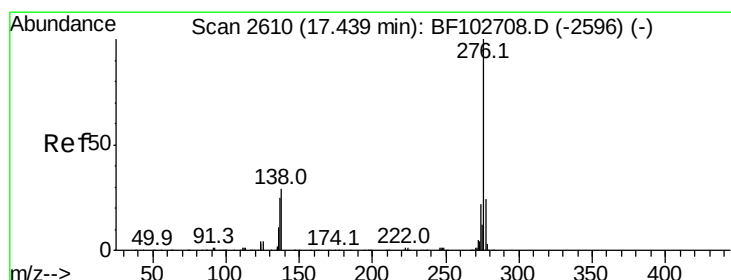
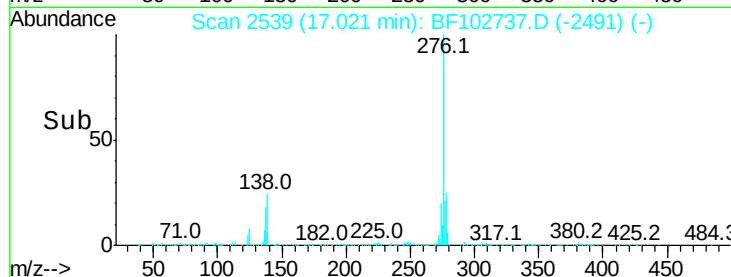
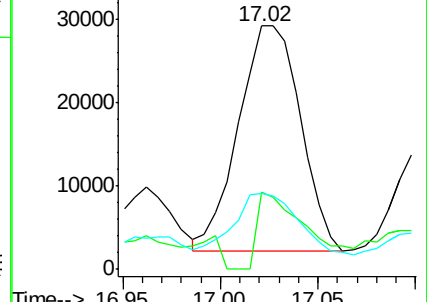
279 31.4 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 15.907 ng

RT: 17.47 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF102737.D

Acq: 5 Feb 2018 14:56

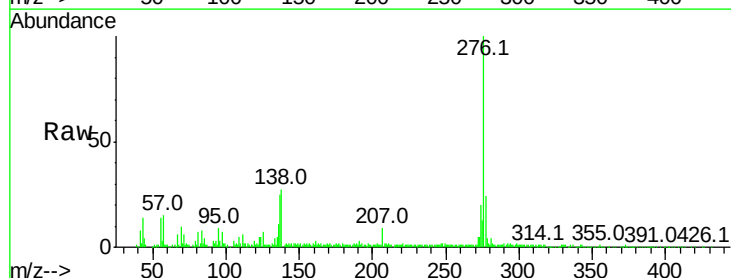
Tgt Ion:276 Resp: 212555

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 27.0 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

