

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102970.D
 Acq On : 13 Feb 2018 19:07
 Operator : SJ/JU
 Sample : J1511-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

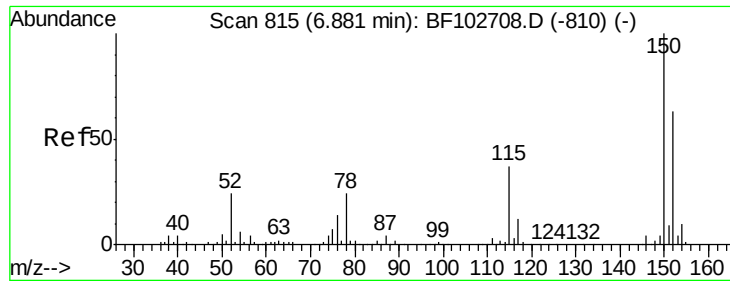
Quant Time: Feb 14 00:09:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149942	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	604611	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	231876	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	349573	20.00	ng	0.00
75) Chrysene-d12	14.05	240	258510	20.00	ng	0.00
86) Perylene-d12	15.52	264	206808	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	416252	42.16	ng	0.00
7) Phenol-d6	6.50	99	613173	51.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	365300	41.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	25515	13.67	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	471559	33.75	ng	-0.01
78) Terphenyl-d14	12.98	244	320536	29.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.51	94	38170	3.00	ng	98
25) Isophorone	7.43	82	361742	18.02	ng	# 64
26) 2-Nitrophenol	7.77	139	292	8.72	ng	# 1
31) Naphthalene	8.18	128	530238	17.95	ng	99
32) Benzoic acid	7.94	122	5950	9.50	ng	# 22
33) 4-Chloroaniline	8.18	127	71106	5.59	ng	# 34
37) 2-Methylnaphthalene	8.87	142	130602	6.75	ng	97
47) 2-Nitroaniline	9.45	65	892	3.65	ng	# 44
49) Dimethylphthalate	9.62	163	36256	2.01	ng	# 92
51) Acenaphthene	9.95	154	107680	7.54	ng	96
53) 2,4-Dinitrophenol	10.13	184	446	8.66	ng	# 1
54) Dibenzofuran	10.12	168	142718	7.09	ng	# 94
55) 4-Nitrophenol	10.02	139	5582	5.55	ng	# 26
56) 2,4-Dinitrotoluene	10.11	165	3592	3.80	ng	# 13
57) Fluorene	10.46	166	120972	8.26	ng	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	172	8.90	ng	# 1
70) Phenanthrene	11.43	178	1195228	61.39	ng	99
71) Anthracene	11.47	178	298910	15.10	ng	99
72) Carbazole	11.63	167	129105	6.66	ng	98
73) Di-n-butylphthalate	11.96	149	63973	2.71	ng	96
74) Fluoranthene	12.62	202	836878	42.72	ng	97
77) Pyrene	12.85	202	876168	43.22	ng	100
80) Benzo(a)anthracene	14.03	228	354152	21.78	ng	98
82) Chrysene	14.07	228	314237	19.17	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	51669	4.16	ng	100
85) Indeno(1,2,3-cd)pyrene	17.01	276	95768	7.05	ng	96
87) Benzo(b)fluoranthene	15.09	252	351331	26.20	ng	# 93
88) Benzo(k)fluoranthene	15.09	252	351331	27.42	ng	# 96
89) Benzo(a)pyrene	15.46	252	195293	16.18	ng	# 91
90) Dibenzo(a,h)anthracene	17.02	278	24948	2.55	ng	# 77
91) Benzo(g,h,i)perylene	17.46	276	109970	11.47	ng	# 93

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

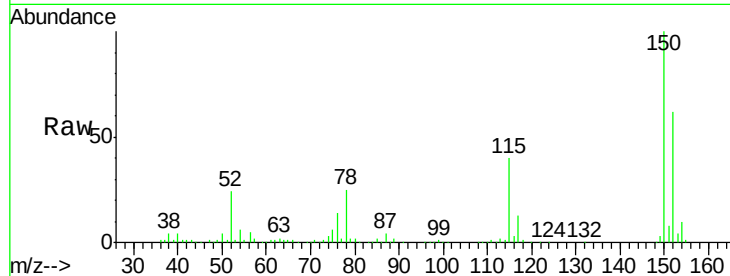


#1

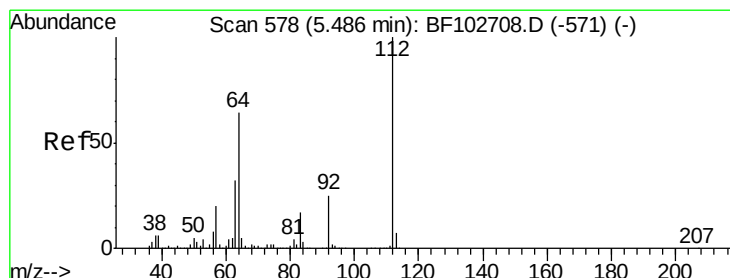
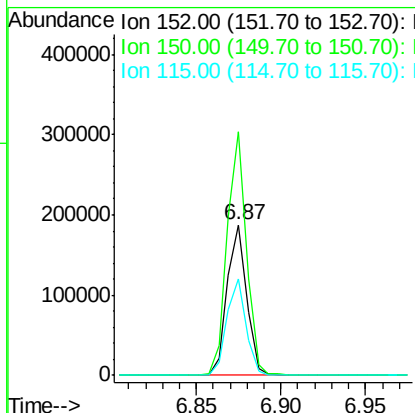
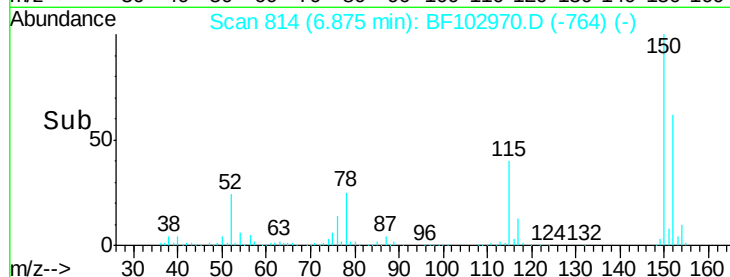
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	64.2	50.1	75.1



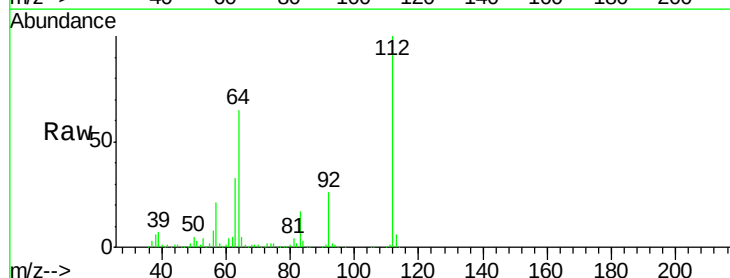
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



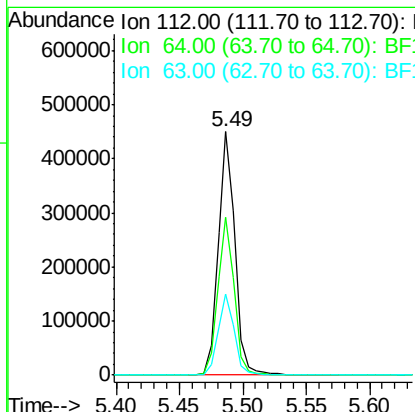
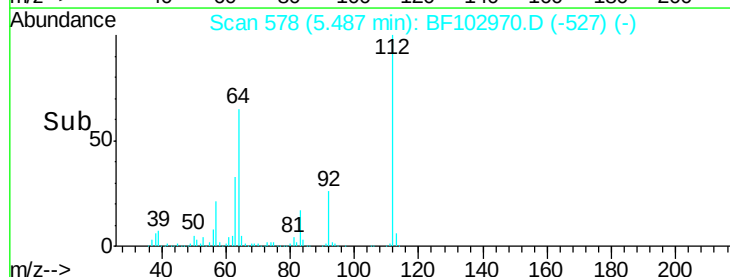
#5

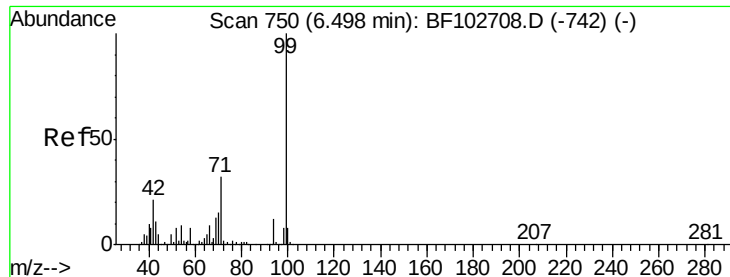
2-Fluorophenol
Concen: 42.16 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	33.1	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: 51.58 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampled :

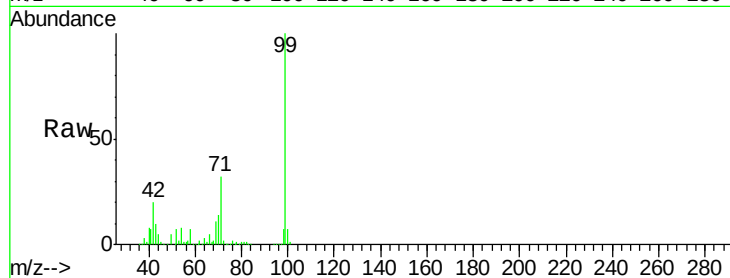
Tot Ion: 99 Resp: 613173

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

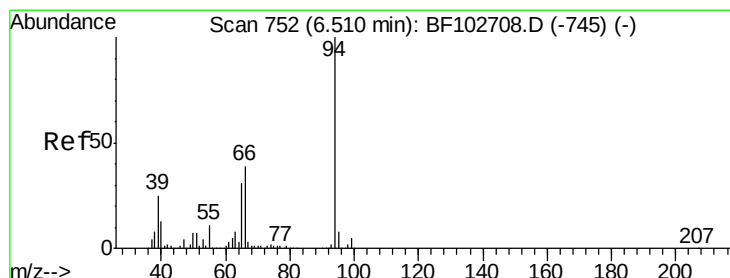
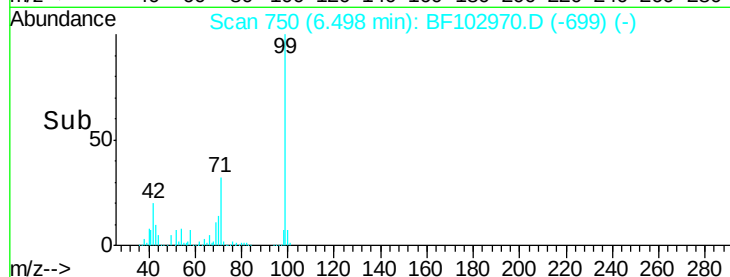
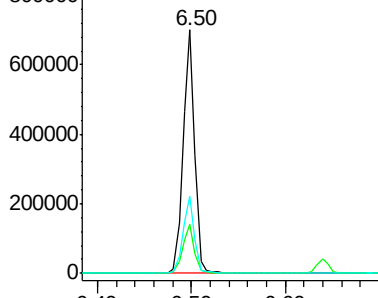
71 31.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.00 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

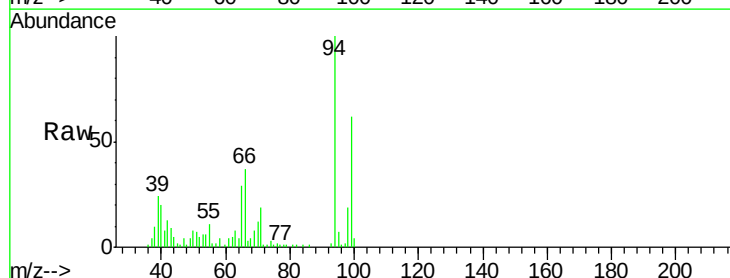
Tgt Ion: 94 Resp: 38170

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

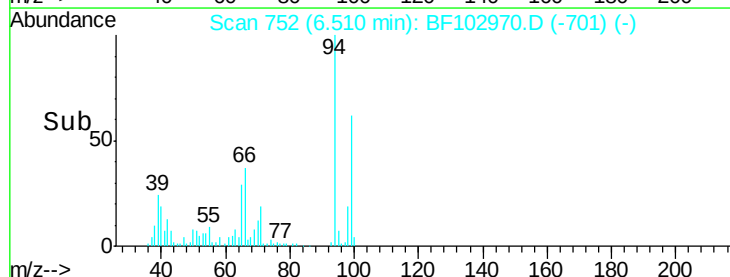
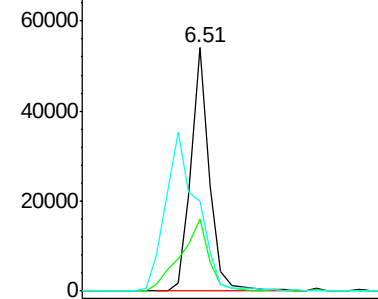
66 37.1 16.2 56.2

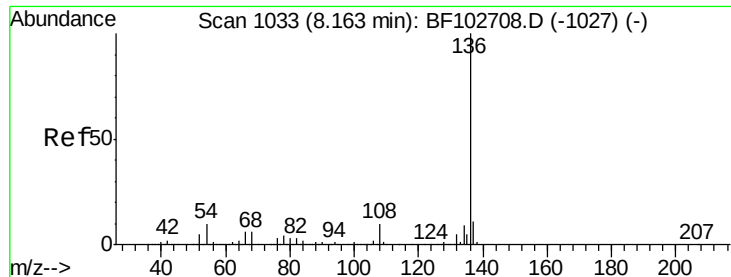


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 604611

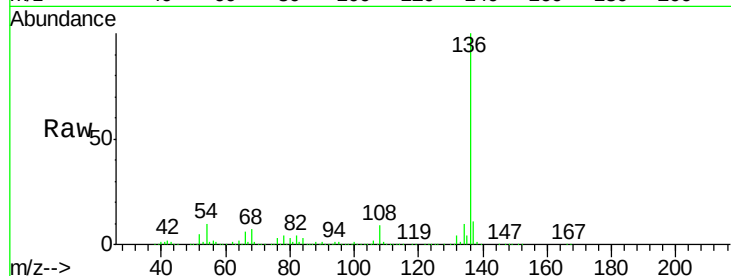
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.2 6.6 9.8#

68 6.8 5.0 7.4

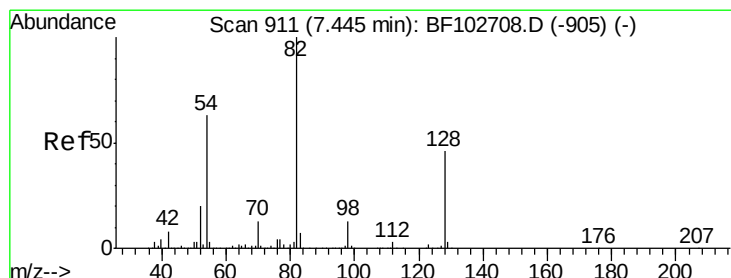
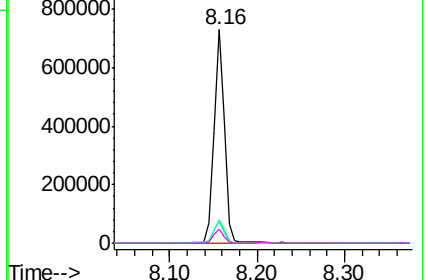
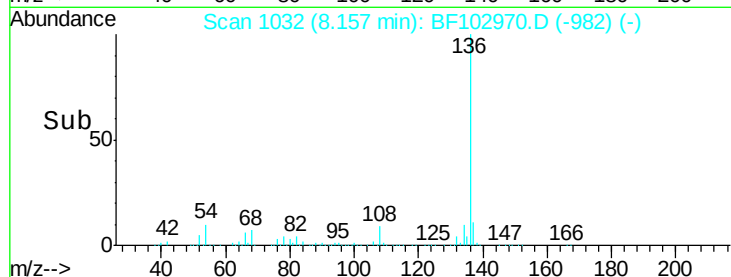


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.91 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

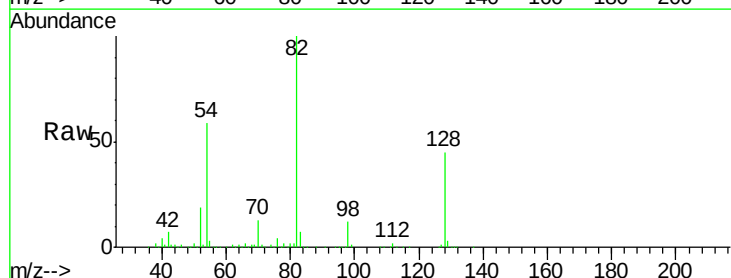
Tgt Ion: 82 Resp: 365300

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

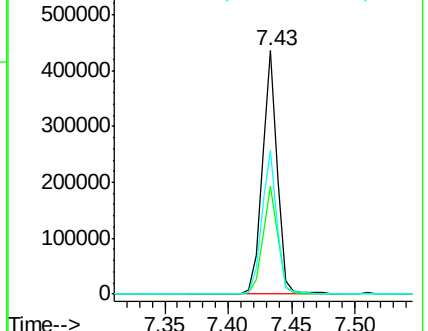
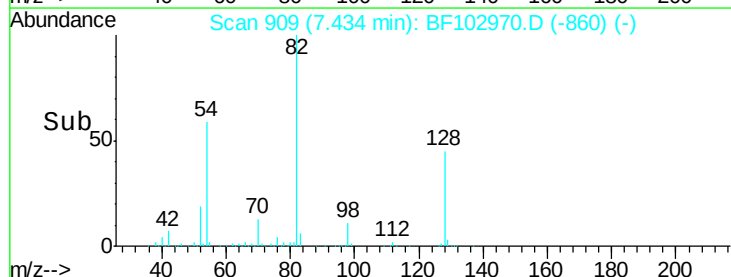
54 59.2 41.4 62.2

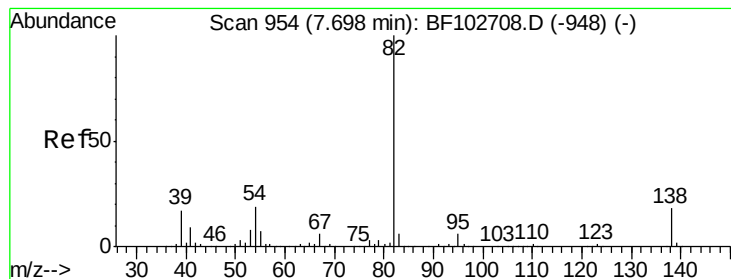


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 18.02 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampled :

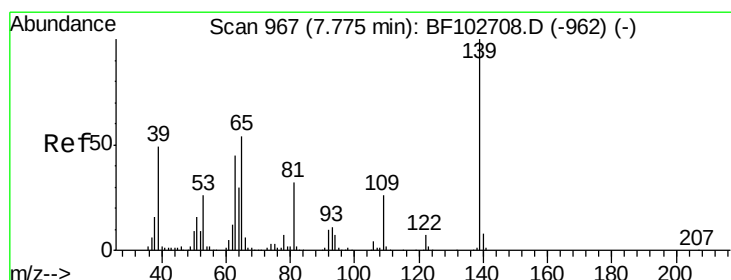
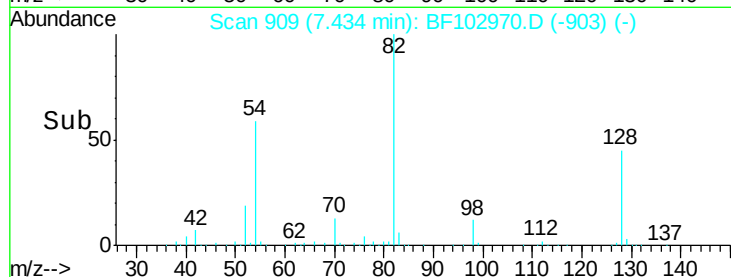
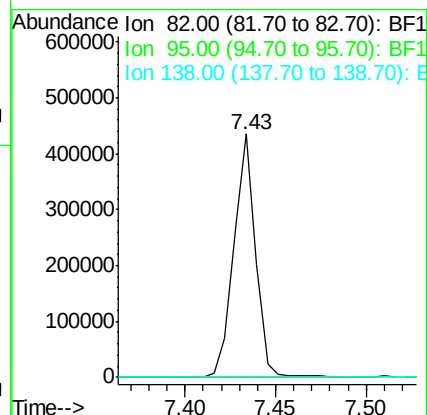
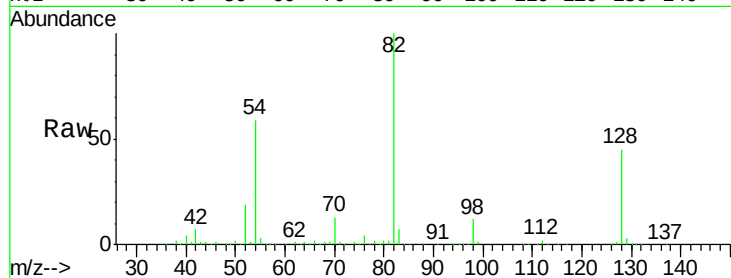
Tot Ion: 82 Resp: 361742

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

138 0.0 14.9 22.3#



#26

2-Nitrophenol

Concen: 8.72 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

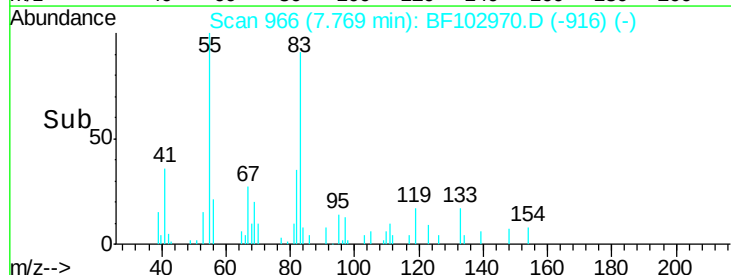
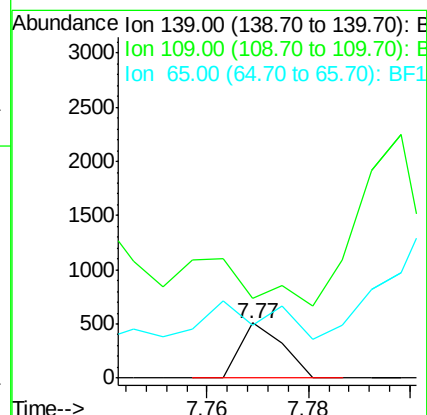
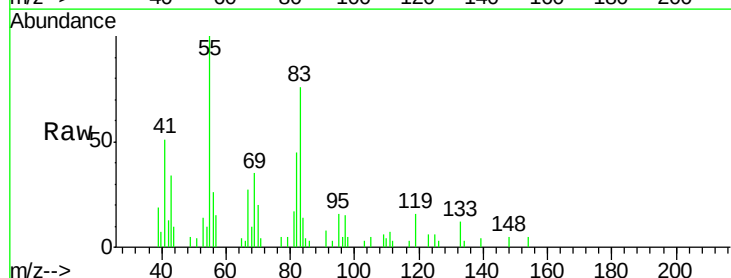
Tgt Ion: 139 Resp: 292

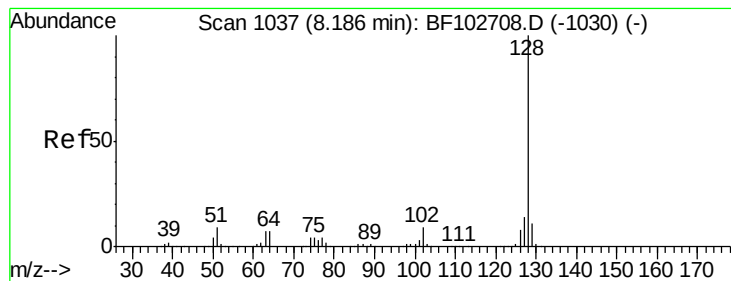
Ion Ratio Lower Upper

139 100

109 144.7 22.7 34.1#

65 96.5 40.5 60.7#





#31

Naphthalene

Concen: 17.95 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampleId :

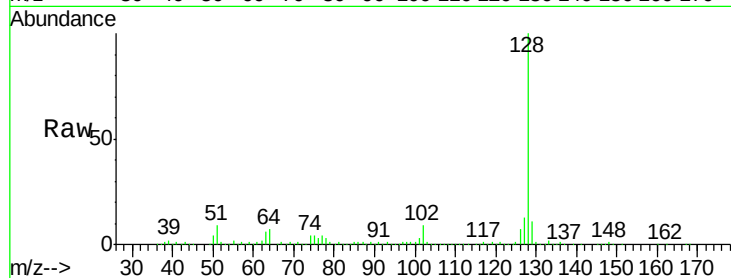
Tot Ion:128 Resp: 530238

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

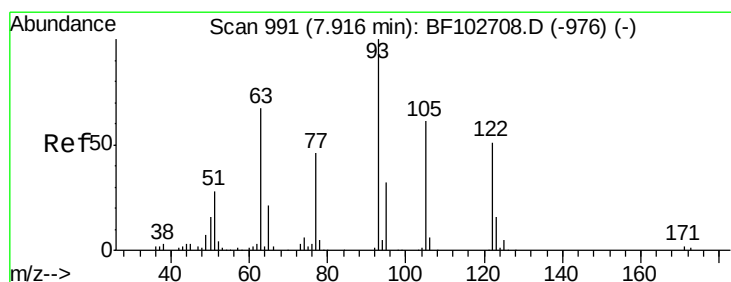
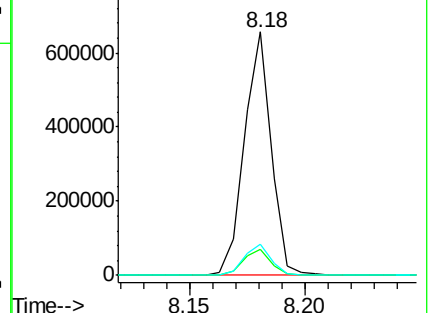
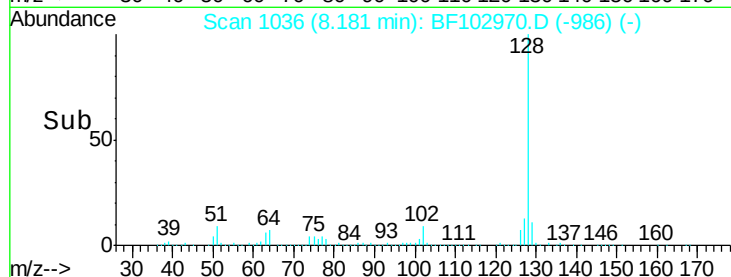
127 13.0 10.9 16.3



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: 9.50 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

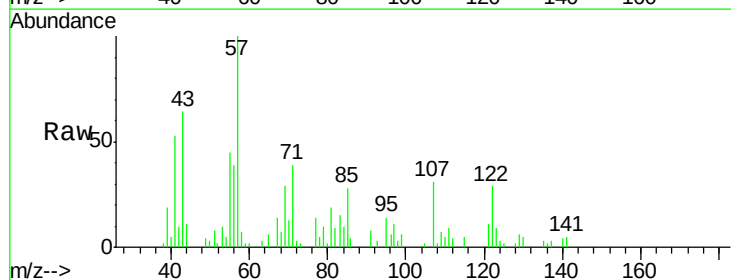
Tgt Ion:122 Resp: 5950

Ion Ratio Lower Upper

122 100

105 7.5 101.1 141.1#

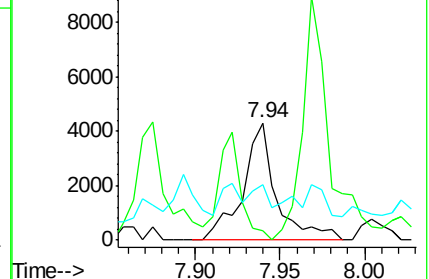
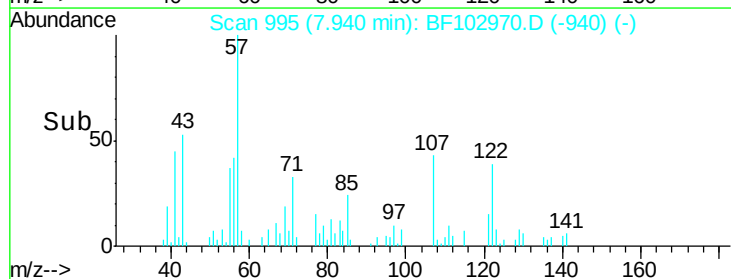
77 47.2 70.7 110.7#

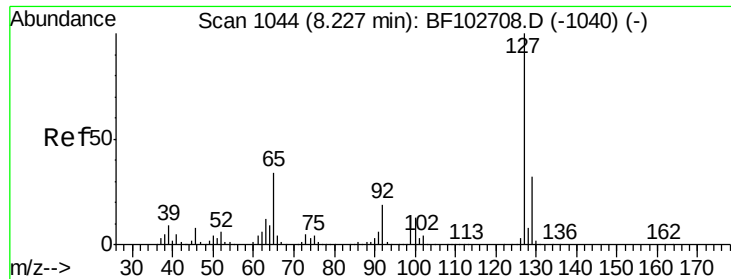


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

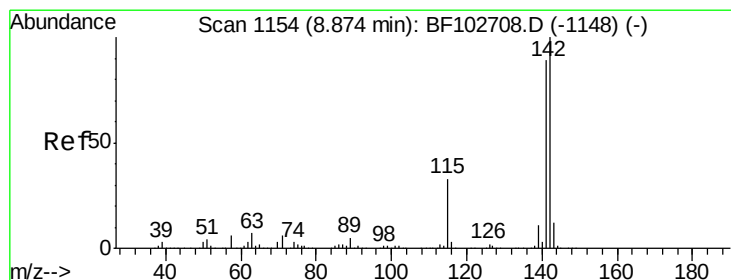
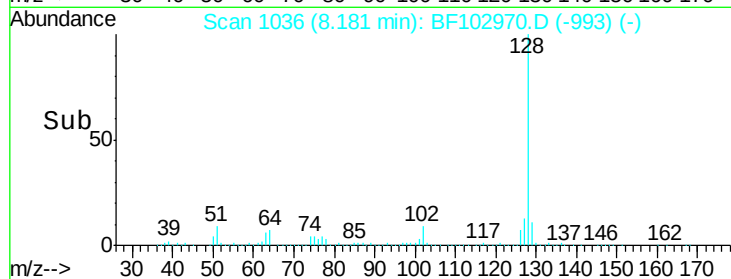
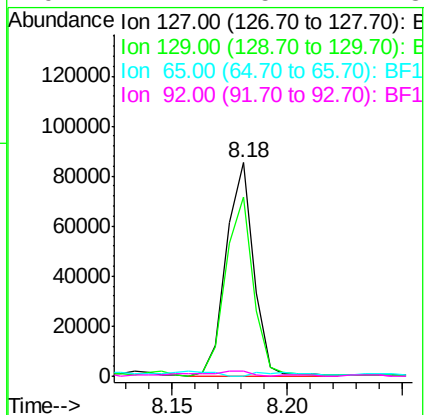
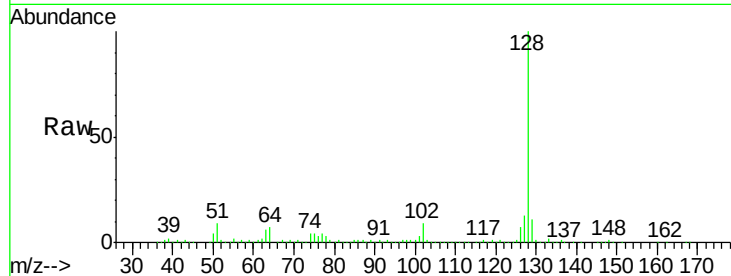




#33
4-Chloroaniline
Concen: 5.59 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

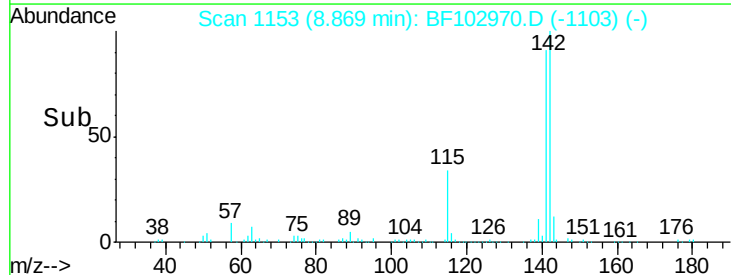
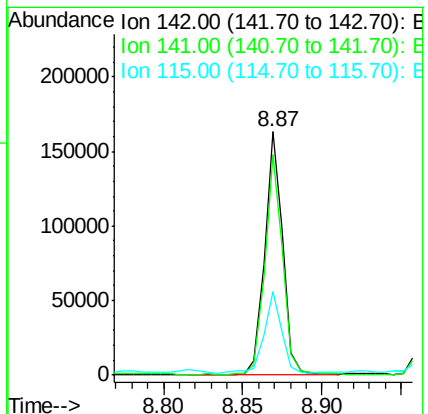
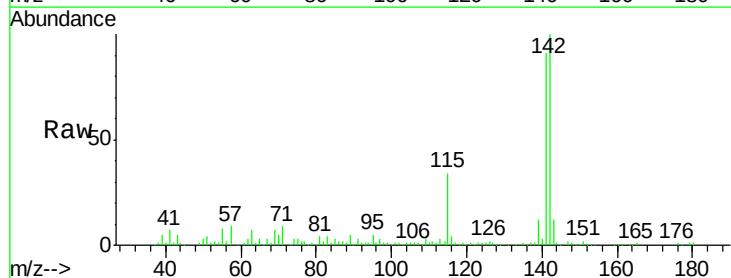
Instrument :
BNA_F
ClientSampleId :

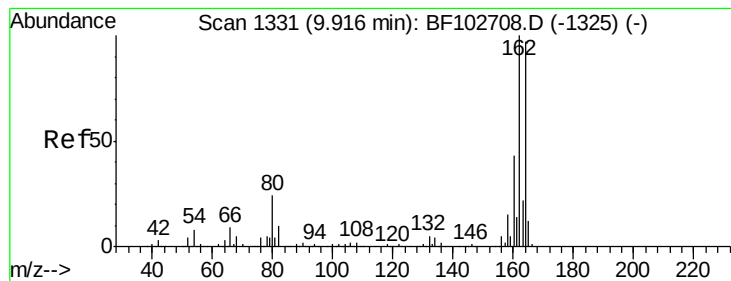
Tot Ion:	127	Resp:	71106
Ion	Ratio	Lower	Upper
127	100		
129	83.9	25.9	38.9#
65	0.0	25.0	37.4#
92	2.2	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 6.75 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

Tgt Ion:	142	Resp:	130602
Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	34.1	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampleId :

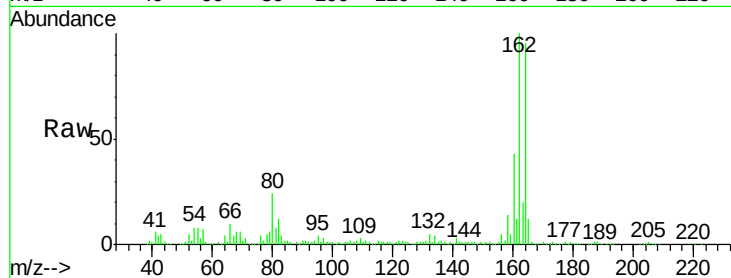
Tot Ion:164 Resp: 231876

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

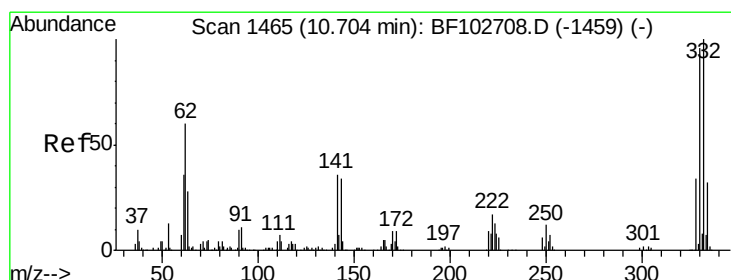
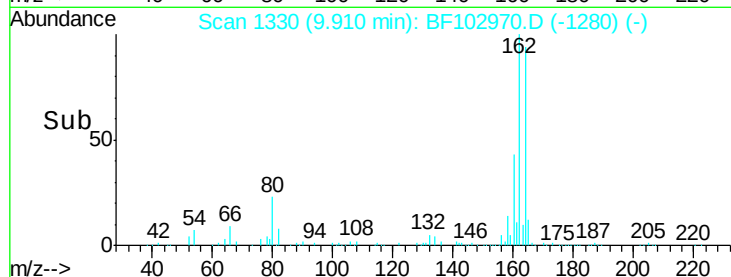
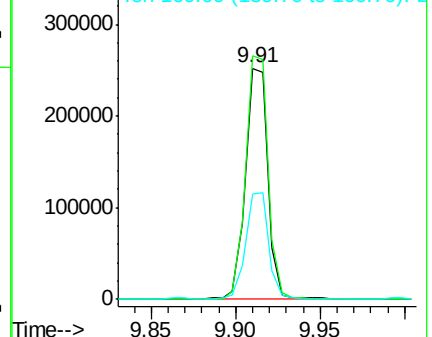
160 45.5 38.3 57.5



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: 13.67 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

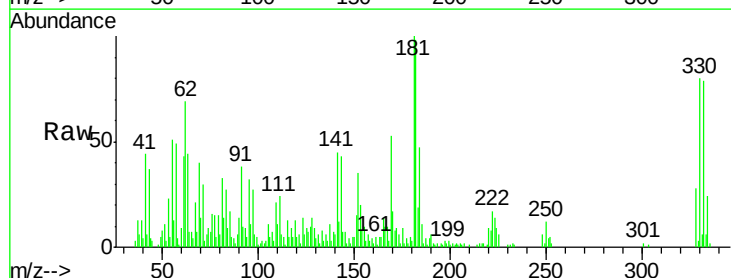
Tgt Ion:330 Resp: 25515

Ion Ratio Lower Upper

330 100

332 101.4 77.0 115.6

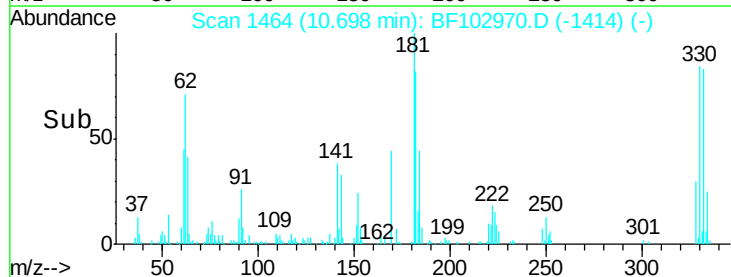
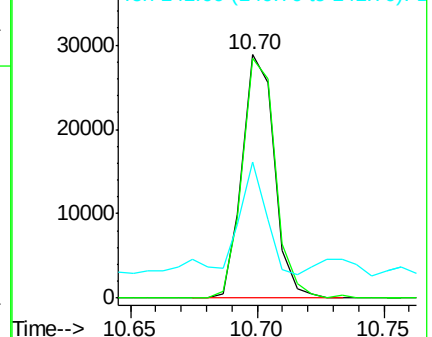
141 45.1 29.9 44.9#

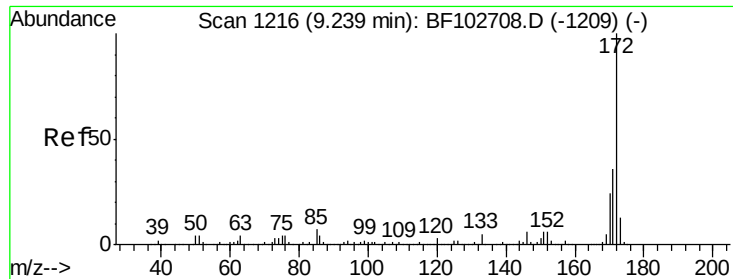


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

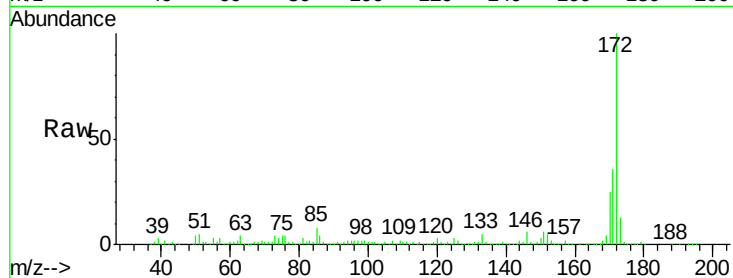




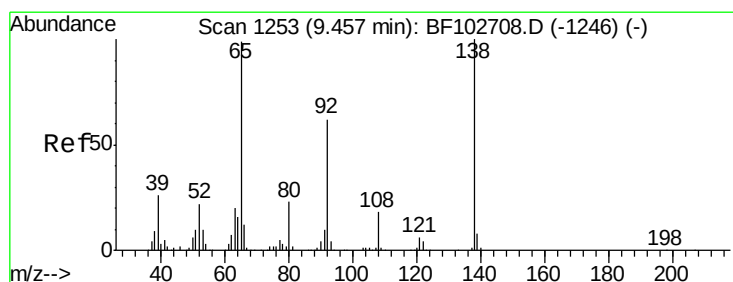
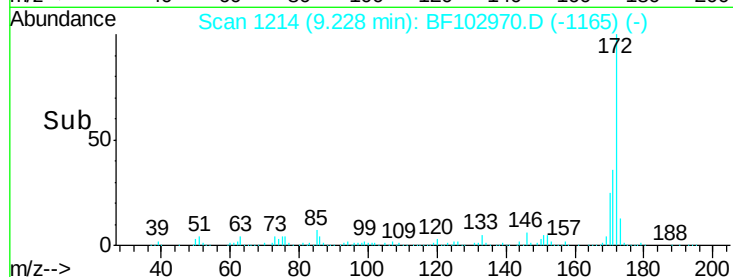
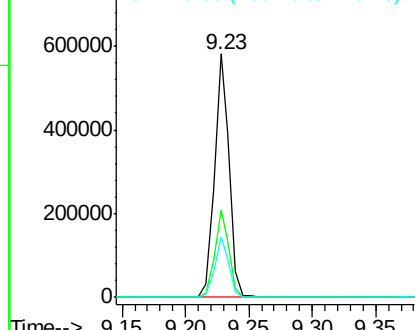
#44
2-Fluorobiphenyl
Concen: 33.75 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 471559
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.9 19.6 29.4

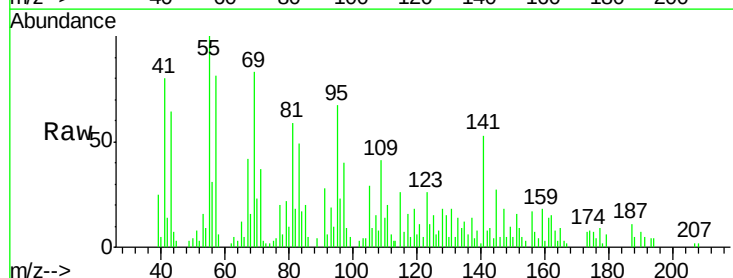


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

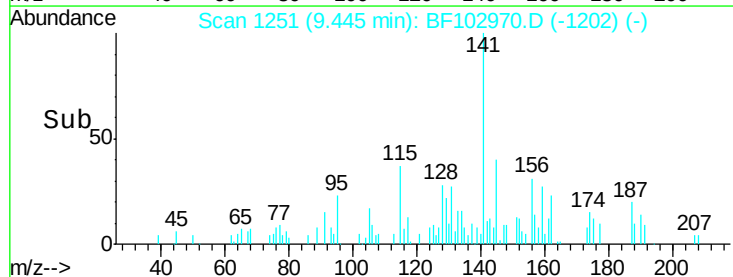
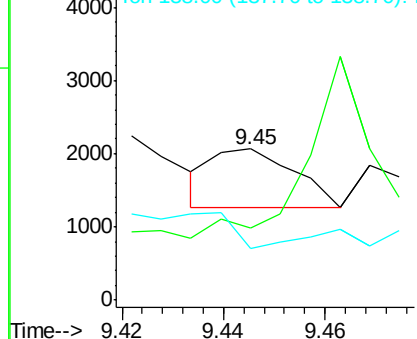


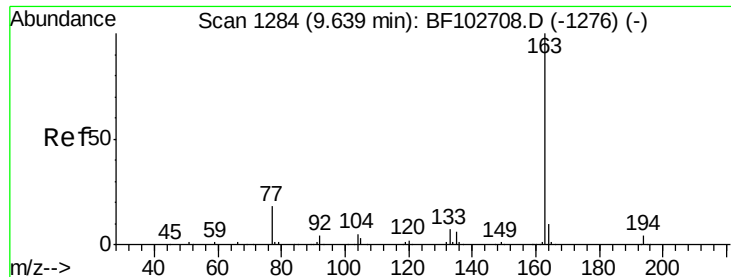
#47
2-Nitroaniline
Concen: 3.65 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

Tgt Ion: 65 Resp: 892
Ion Ratio Lower Upper
65 100
92 47.3 55.8 83.6#
138 34.6 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

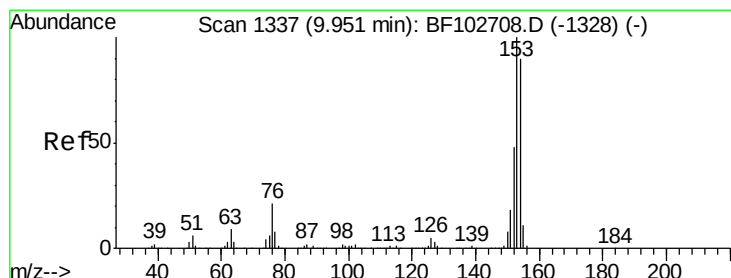
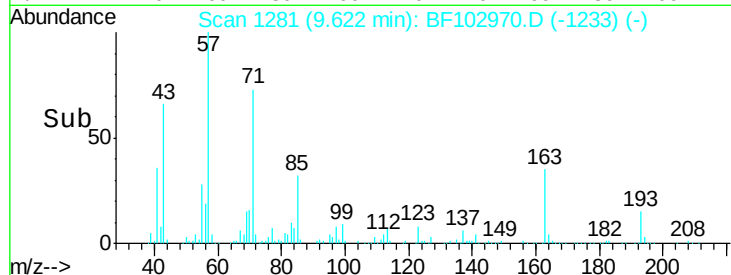
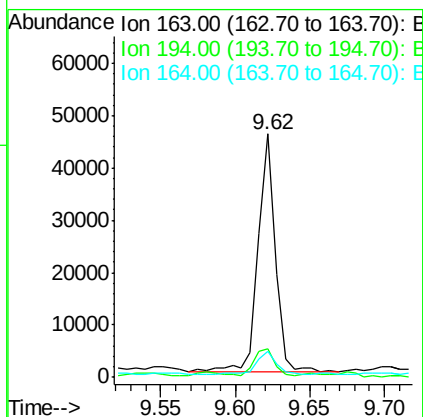
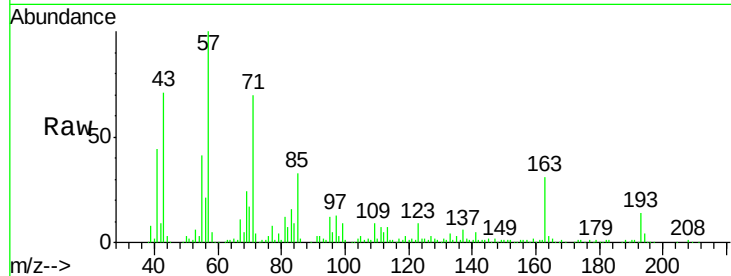




#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

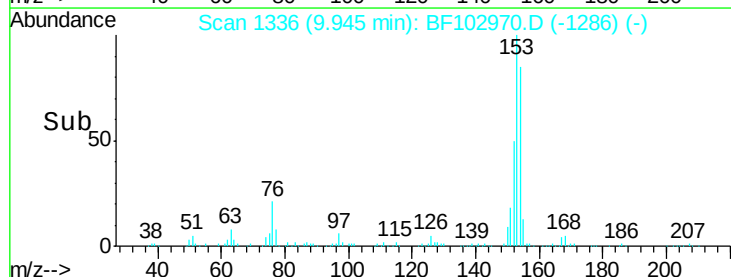
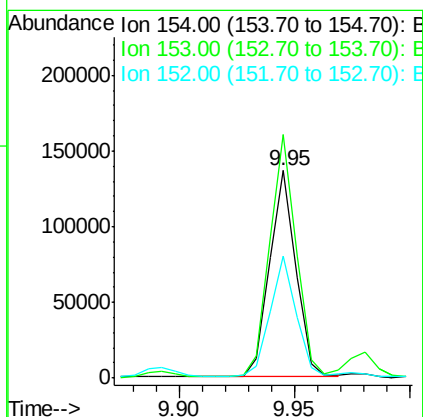
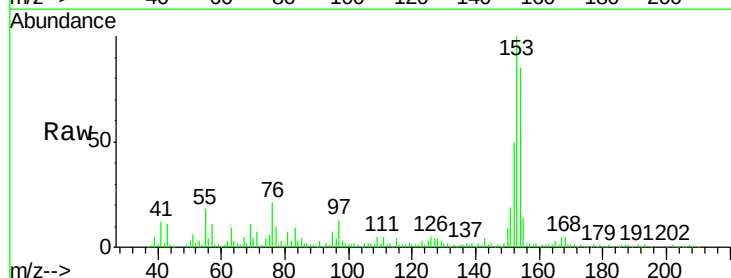
Instrument :
BNA_F
ClientSampleId :

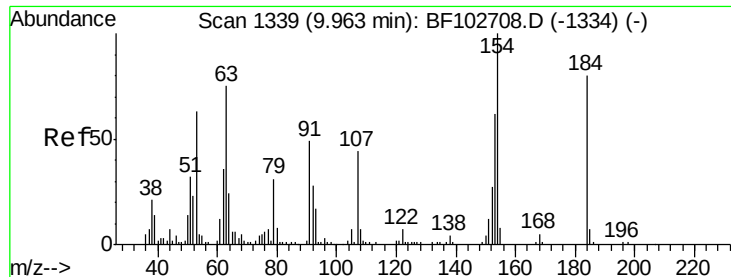
Tot Ion:163 Resp: 36256
Ion Ratio Lower Upper
163 100
194 11.7 2.7 4.1#
164 10.8 8.2 12.2



#51
Acenaphthene
Concen: 7.54 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

Tgt Ion:154 Resp: 107680
Ion Ratio Lower Upper
154 100
153 117.5 91.2 136.8
152 59.2 43.8 65.8





#53

2,4-Dinitrophenol

Concen: 8.66 na

RT: 10.13 min Scan# 1367

Delta R.T. 0.17 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampleId :

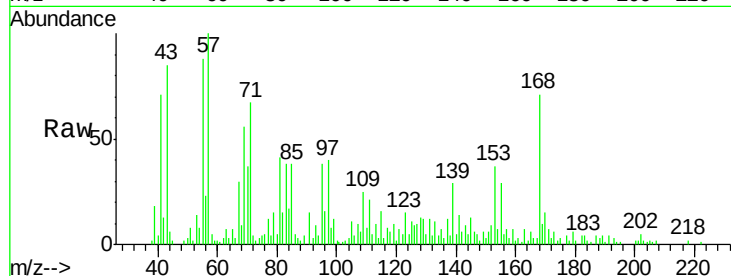
Tot Ion:184 Resp: 446

Ion Ratio Lower Upper

184 100

63 361.9 54.2 81.2#

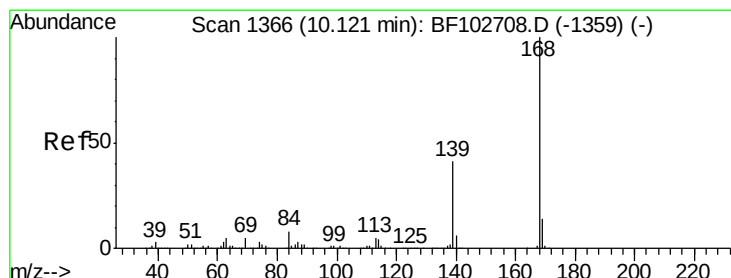
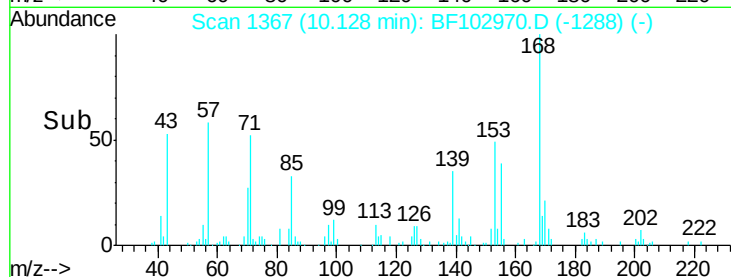
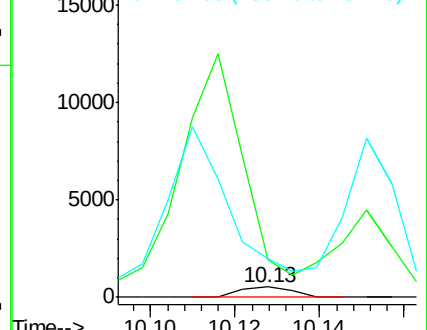
154 372.9 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 7.09 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

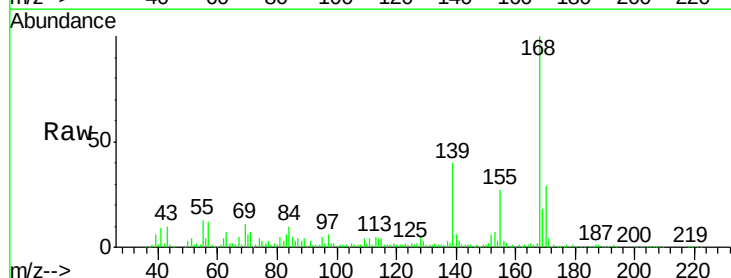
Tgt Ion:168 Resp: 142718

Ion Ratio Lower Upper

168 100

139 39.8 30.1 45.1

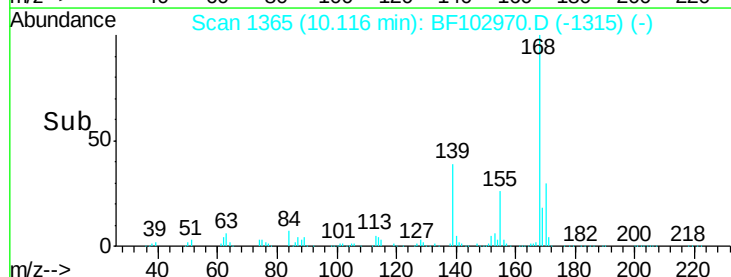
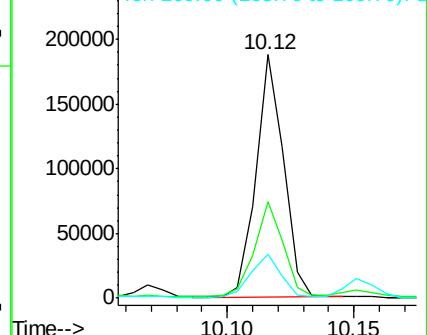
169 18.1 10.9 16.3#

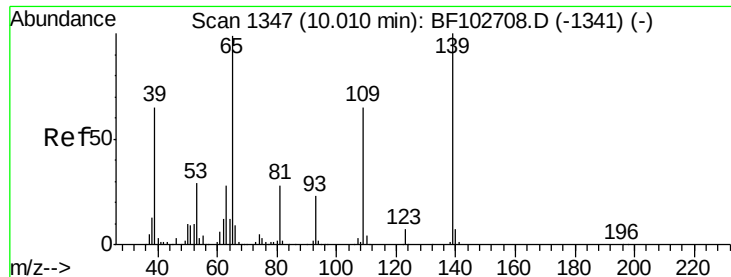


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.55 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampleId :

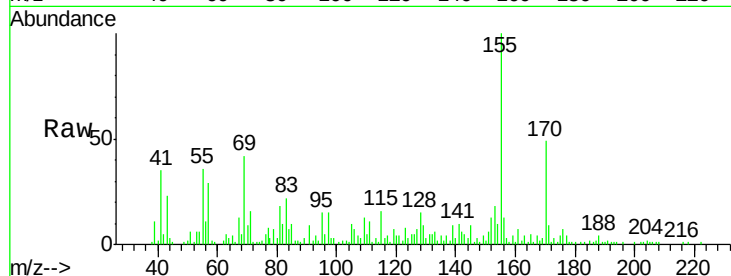
Tot Ion:139 Resp: 5582

Ion Ratio Lower Upper

139 100

109 151.8 48.4 88.4#

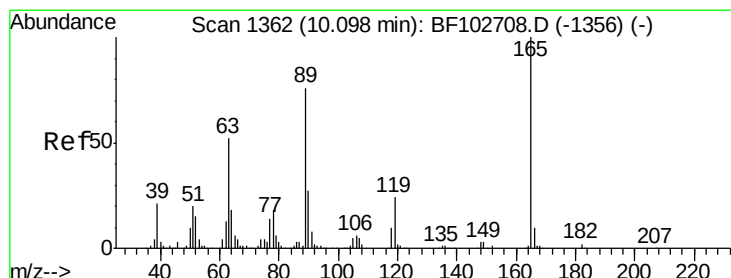
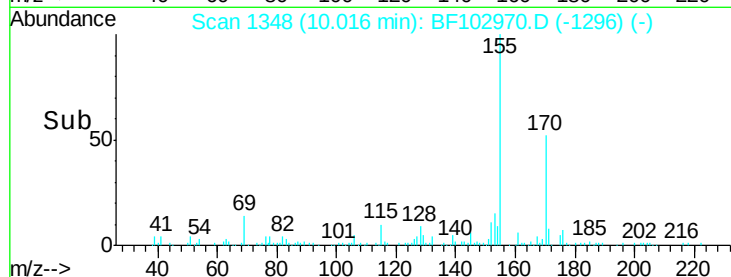
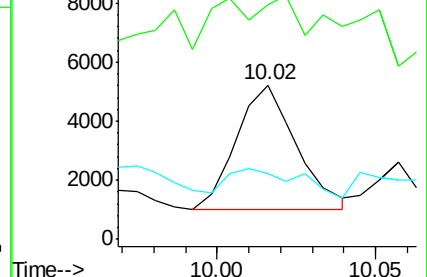
65 42.8 72.6 112.6#



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: 3.80 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Tgt Ion:165 Resp: 3592

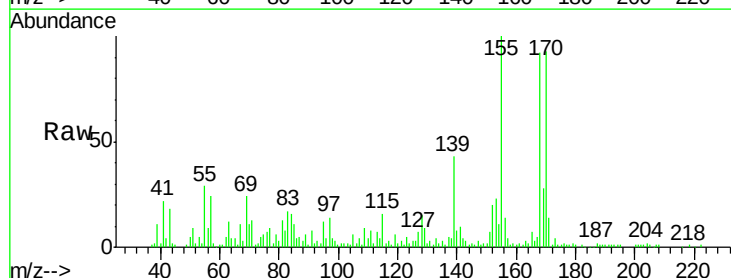
Ion Ratio Lower Upper

165 100

63 174.3 36.4 54.6#

89 88.8 57.8 86.6#

182 12.0 1.6 2.4#

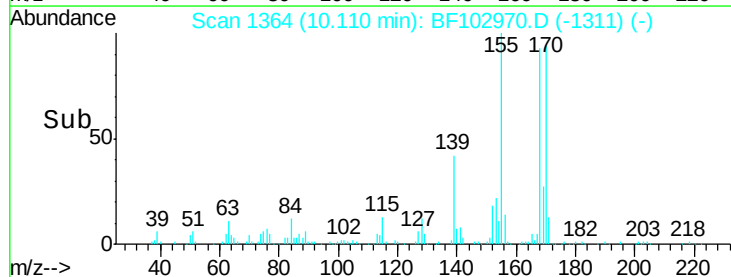
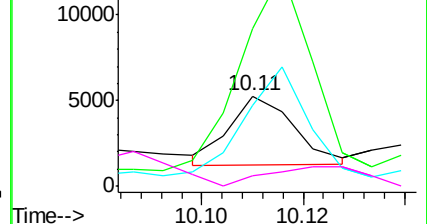


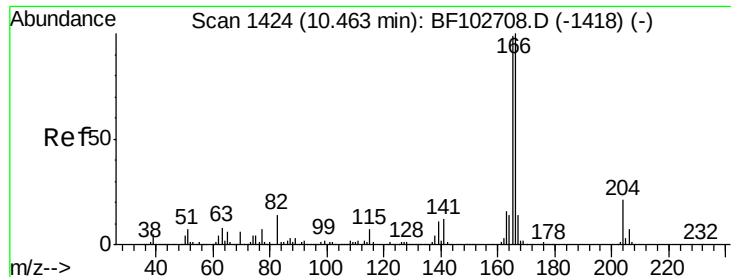
Abundance Ion 165.00 (164.70 to 165.70): E

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

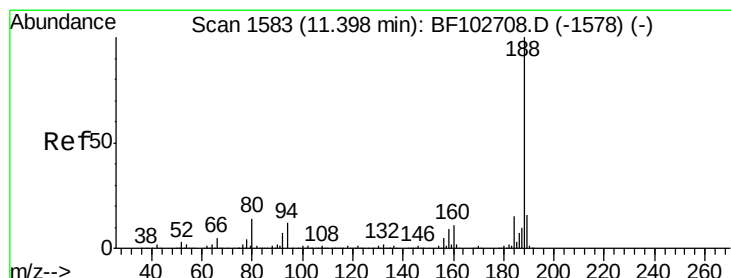
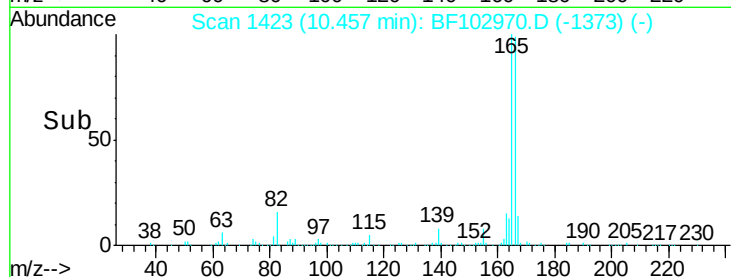
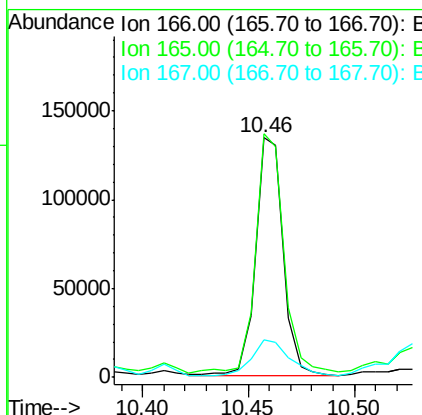
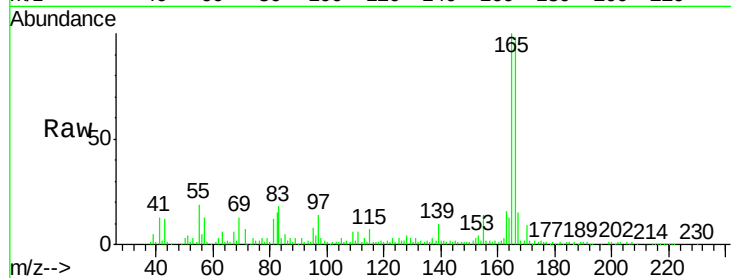




#57
 Fluorene
 Concen: 8.26 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

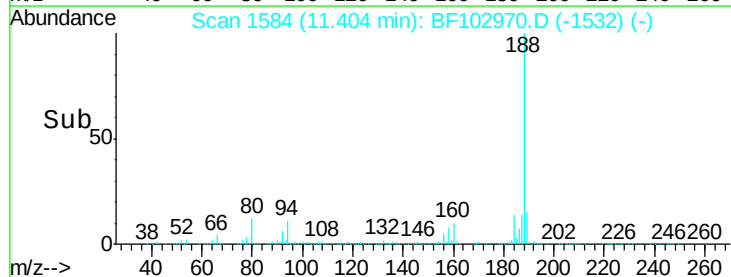
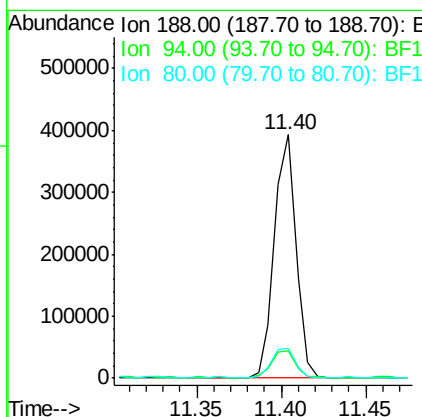
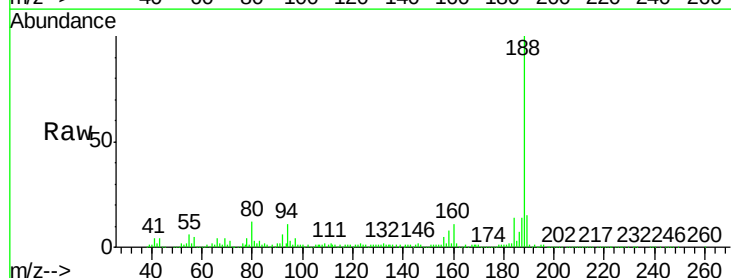
Instrument :
 BNA_F
 ClientSampleId :

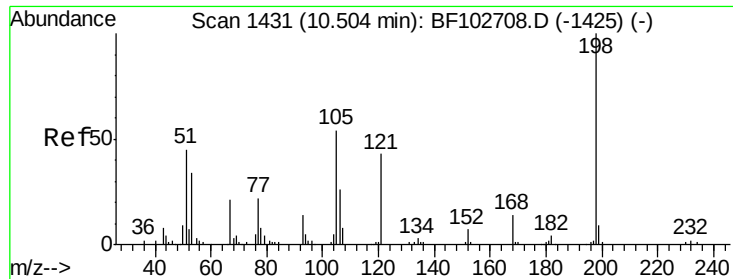
Tot Ion:166 Resp: 120972
 Ion Ratio Lower Upper
 166 100
 165 101.7 79.8 119.8
 167 15.4 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

Tgt Ion:188 Resp: 349573
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.4 9.2 13.8

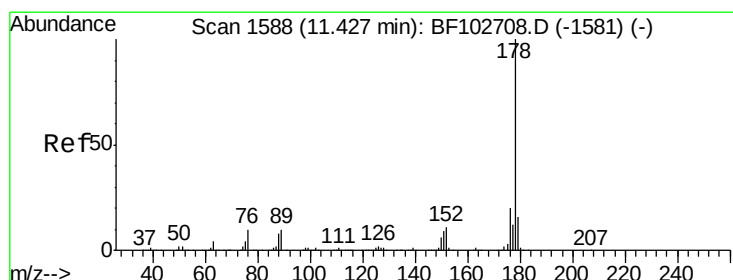
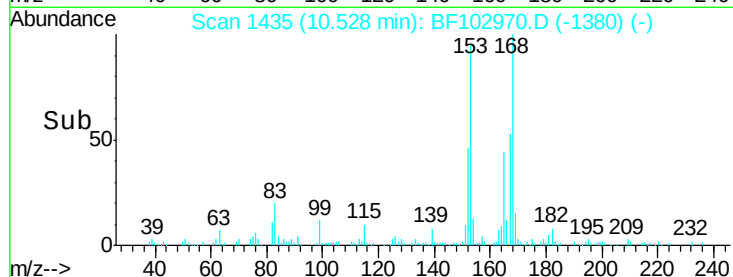
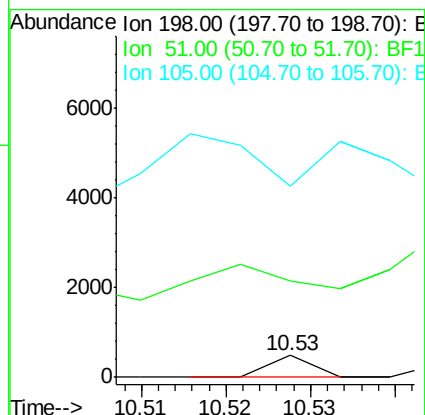
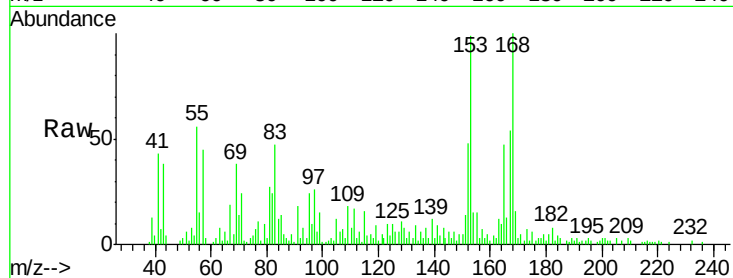




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.90 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.02 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

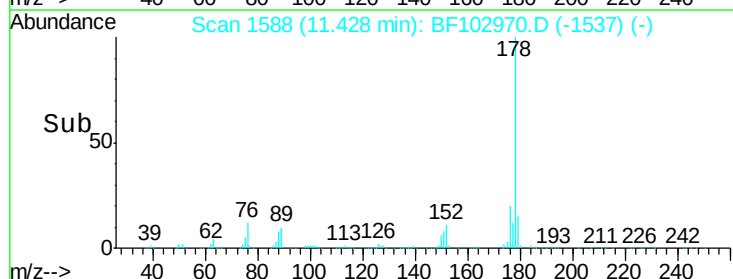
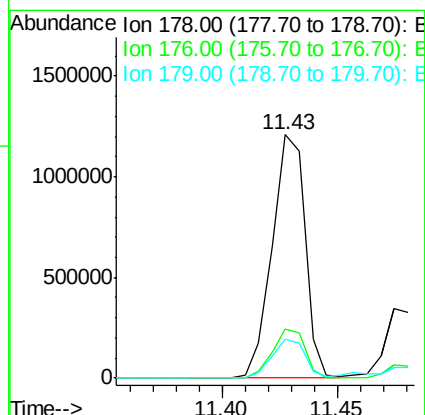
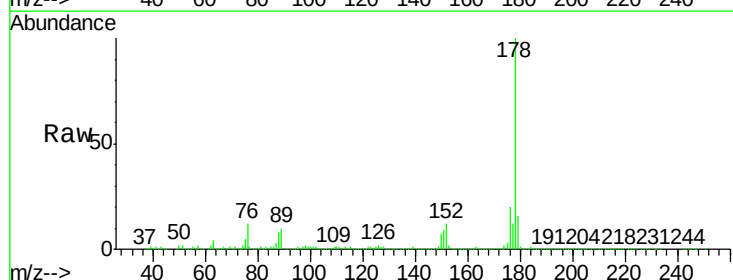
Instrument :
 BNA_F
 ClientSampleId :

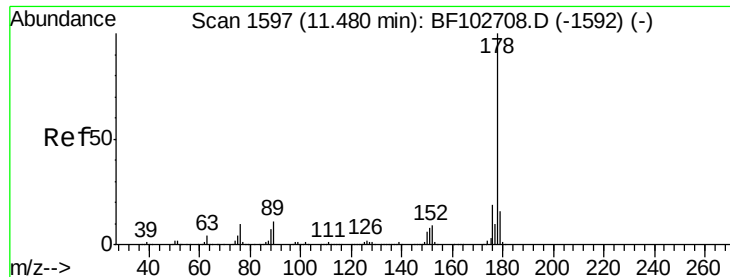
Tot Ion:198 Resp: 172
 Ion Ratio Lower Upper
 198 100
 51 441.1 37.7 77.7#
 105 877.0 36.3 76.3#



#70
 Phenanthrene
 Concen: 61.39 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

Tgt Ion:178 Resp: 1195228
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.7 13.0 19.6

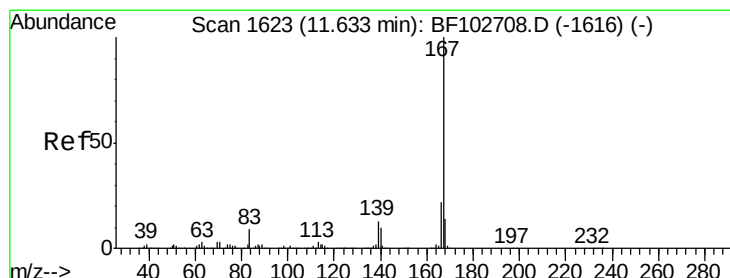
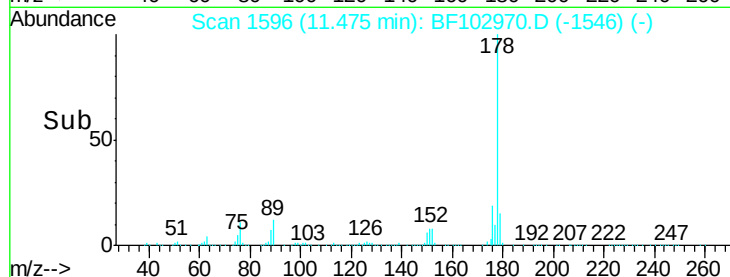
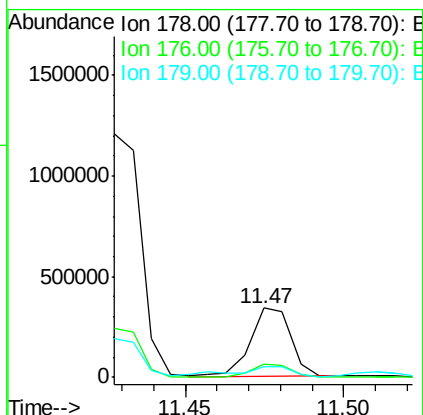
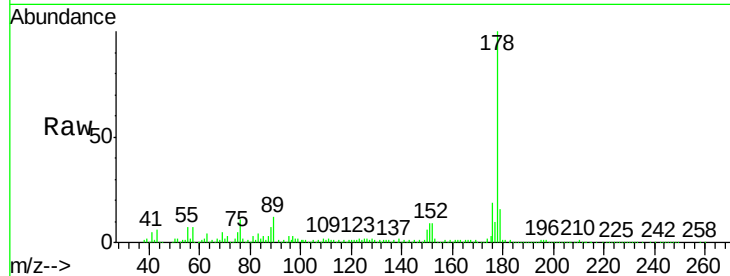




#71
 Anthracene
 Concen: 15.10 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

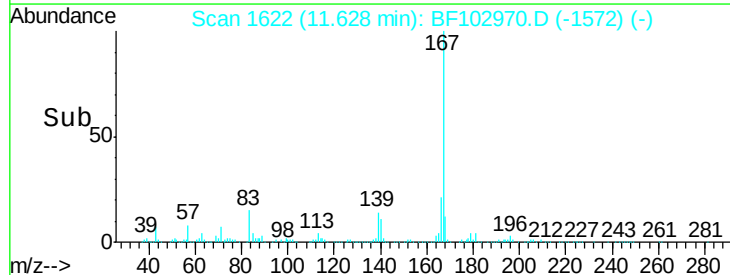
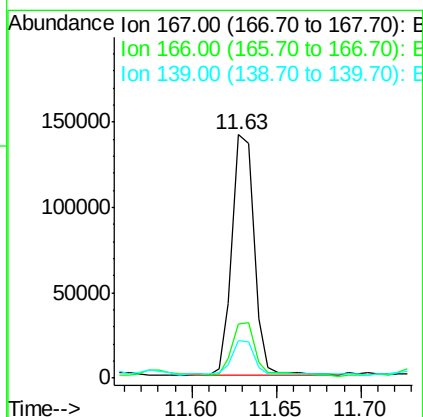
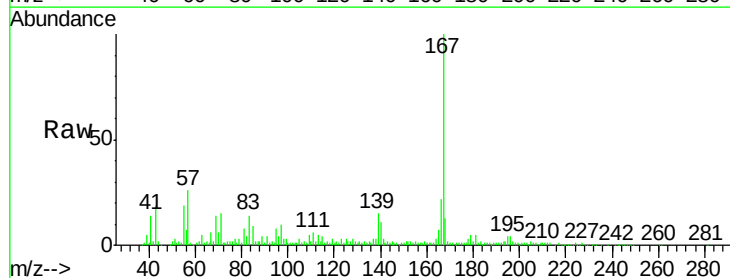
Instrument :
 BNA_F
 ClientSampleId :

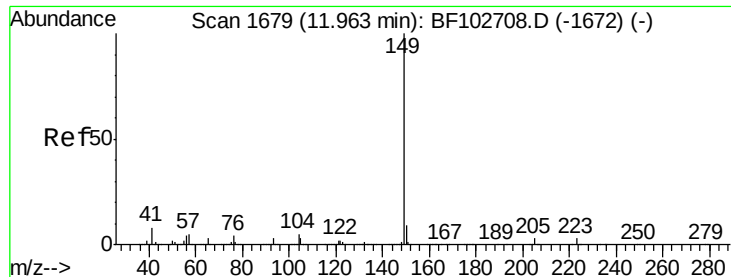
Tot Ion:178 Resp: 298910
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 6.66 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

Tgt Ion:167 Resp: 129105
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 15.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 2.71 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampleId :

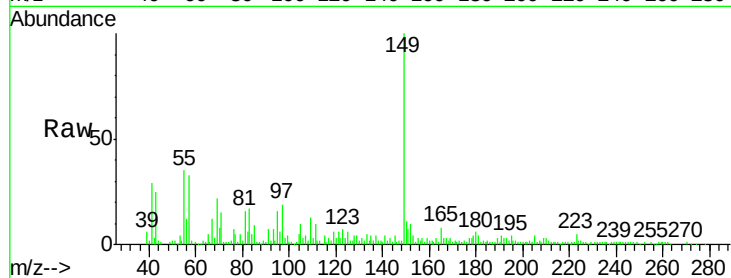
Tot Ion:149 Resp: 63973

Ion Ratio Lower Upper

149 100

150 11.4 7.8 11.6

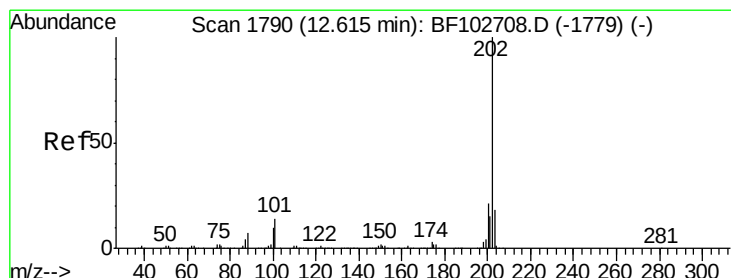
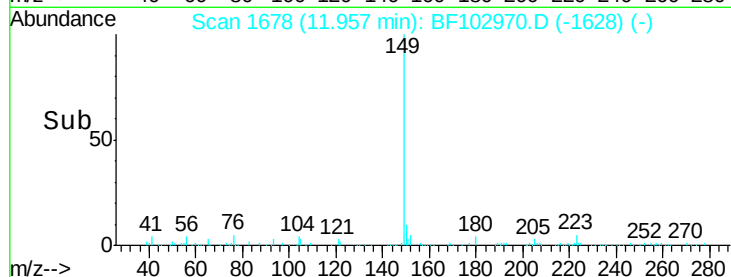
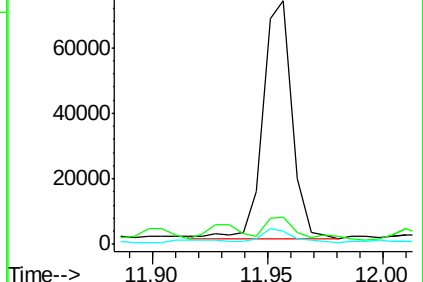
104 5.5 3.8 5.8



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: 42.72 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

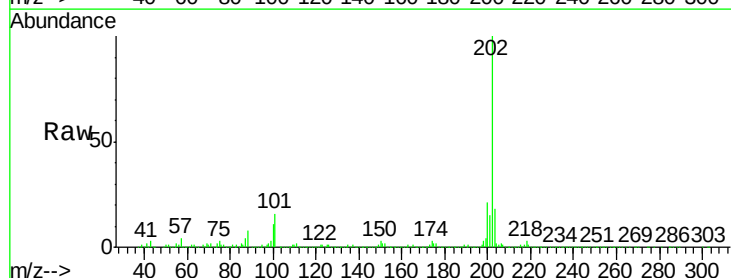
Tgt Ion:202 Resp: 836878

Ion Ratio Lower Upper

202 100

101 16.4 0.0 34.1

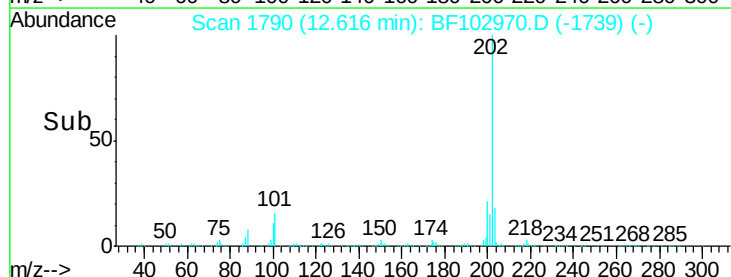
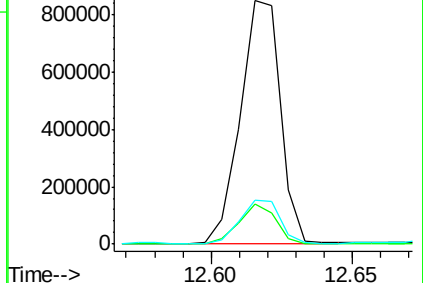
203 17.9 0.0 38.1

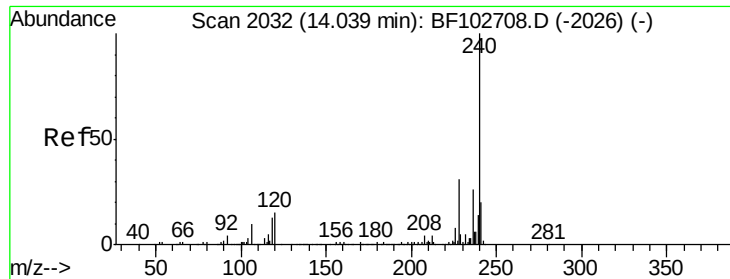


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampleId :

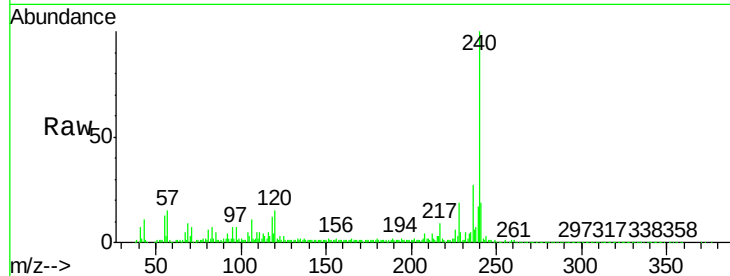
Tot Ion:240 Resp: 258510

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

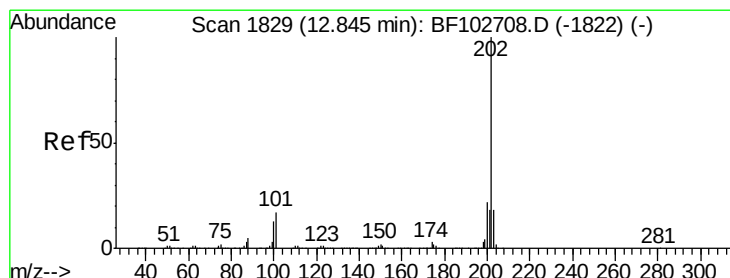
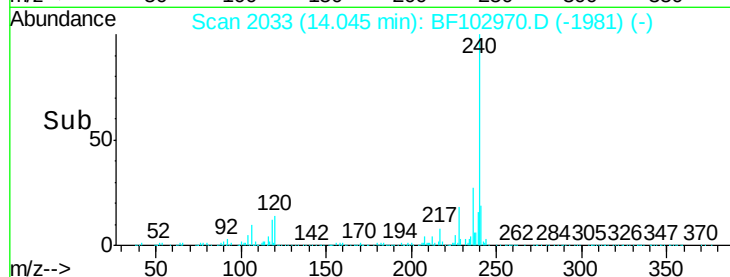
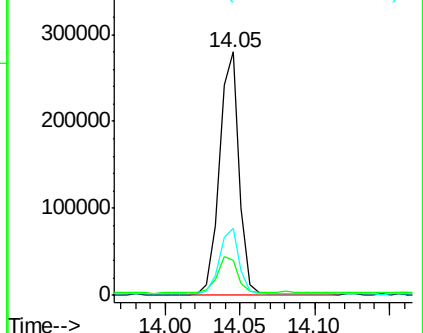
236 27.5 20.7 31.1



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: 43.22 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

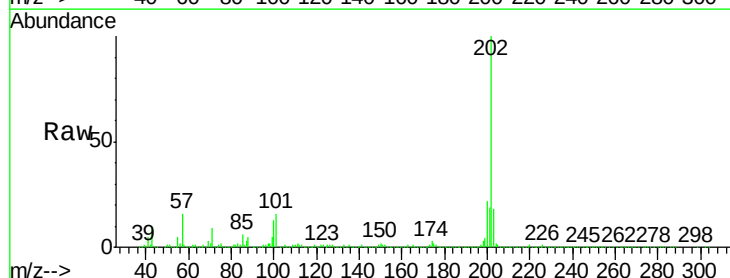
Tgt Ion:202 Resp: 876168

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

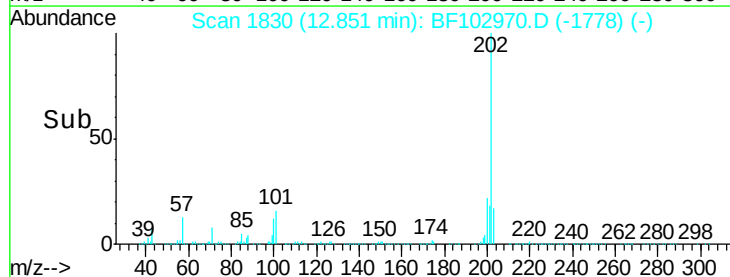
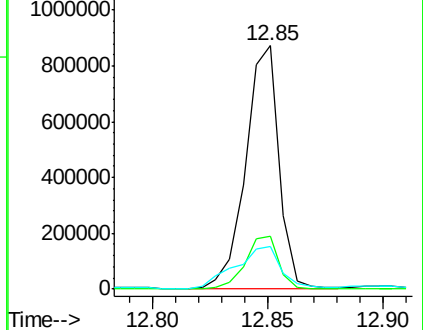
203 17.6 14.3 21.5

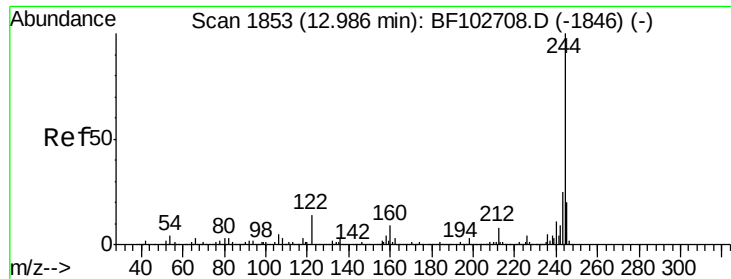


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

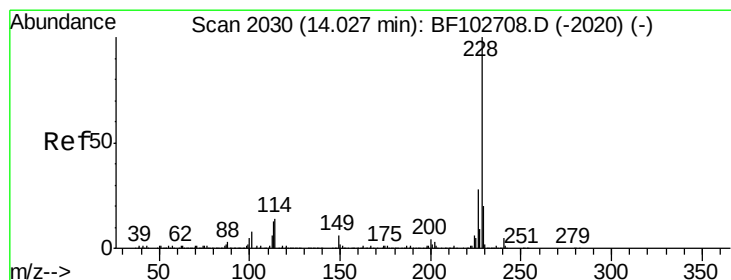
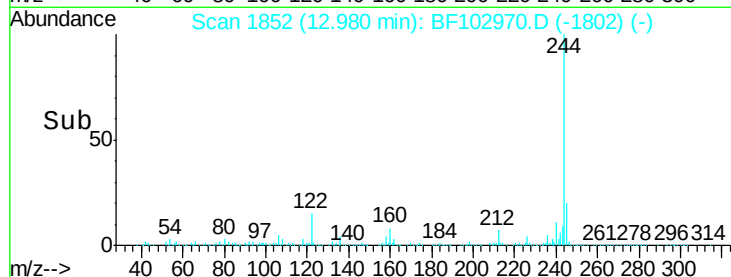
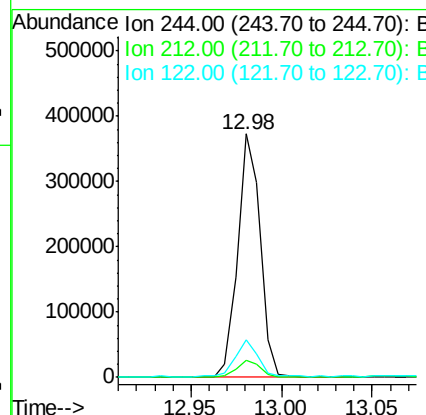
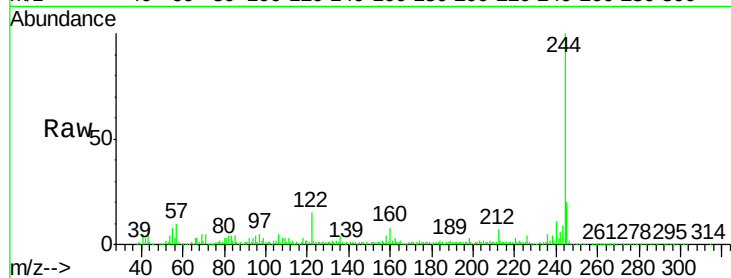




#78
 Terphenyl-d14
 Concen: 29.36 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

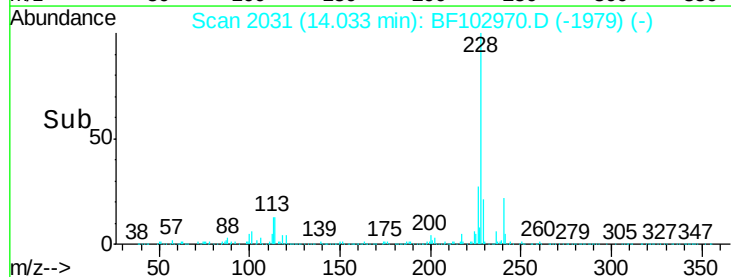
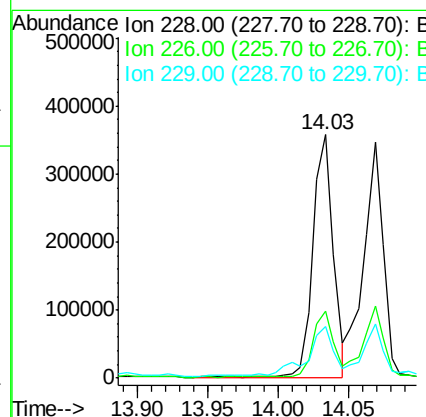
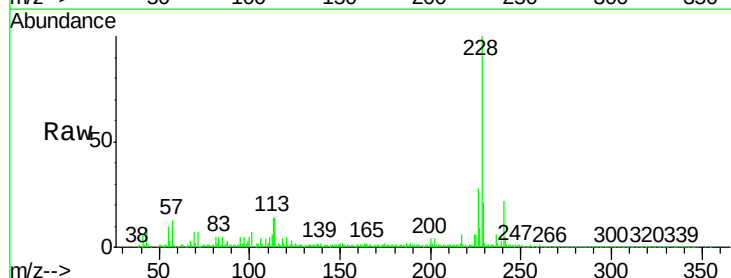
Instrument :
 BNA_F
 ClientSampleId :

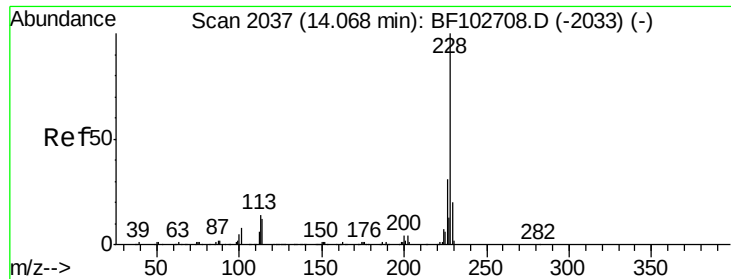
Tot Ion:244 Resp: 320536
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 15.4 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 21.78 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

Tgt Ion:228 Resp: 354152
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.6 33.8
 229 21.2 15.8 23.6





#82

Chrysene

Concen: 19.17 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampled :

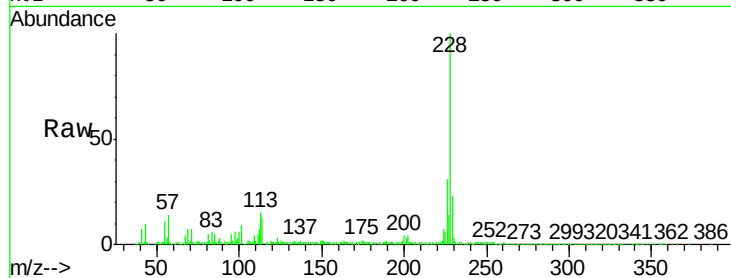
Tot Ion:228 Resp: 314237

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

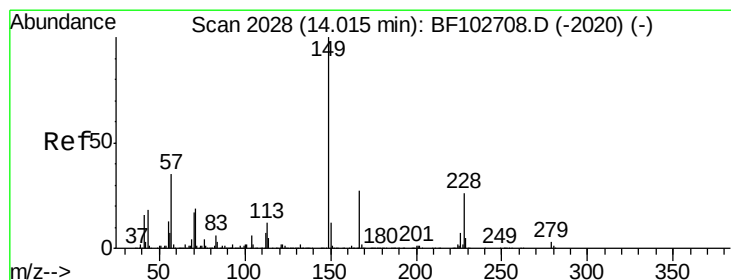
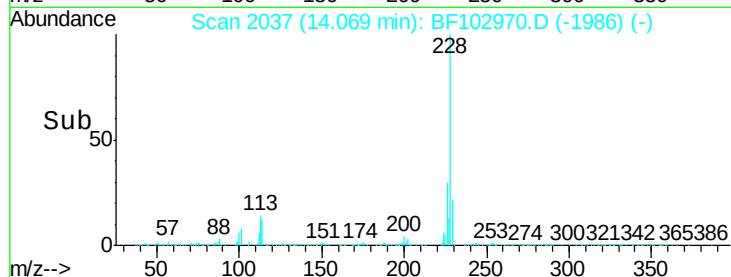
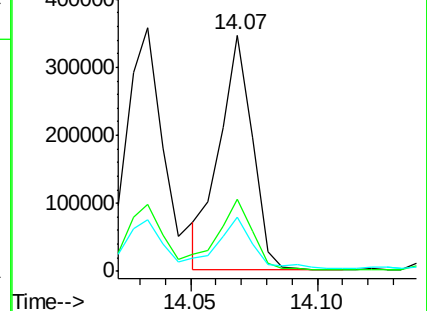
229 23.0 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.16 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

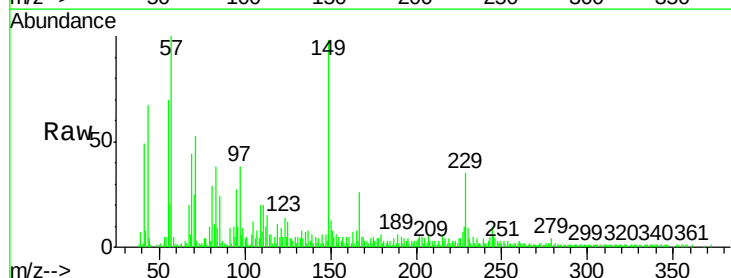
Tgt Ion:149 Resp: 51669

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

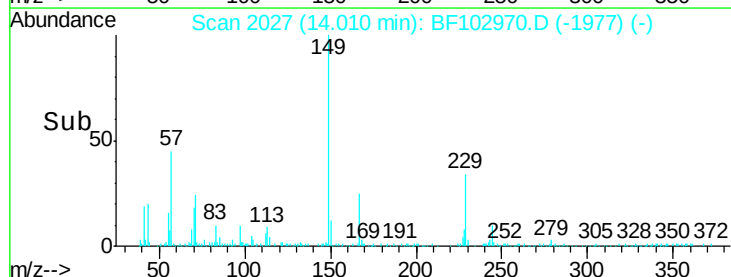
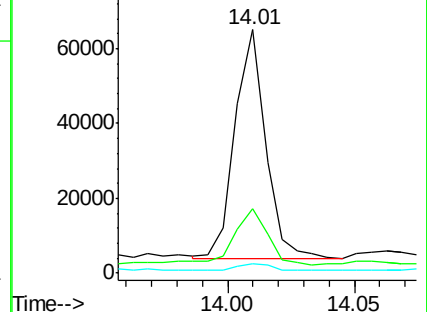
279 3.9 3.0 4.4

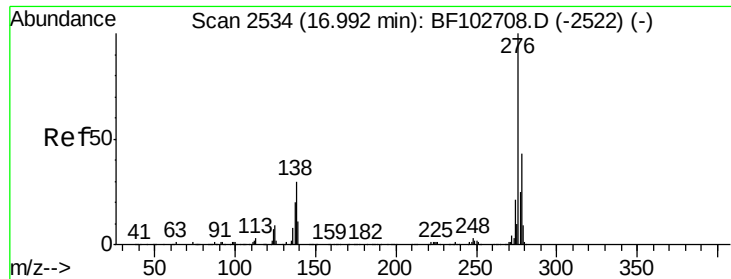


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

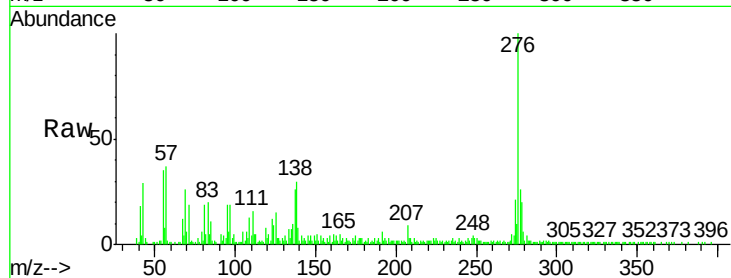




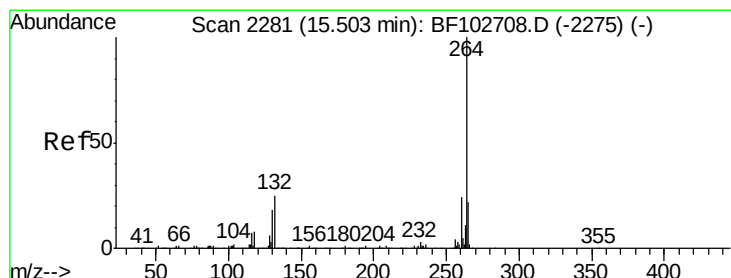
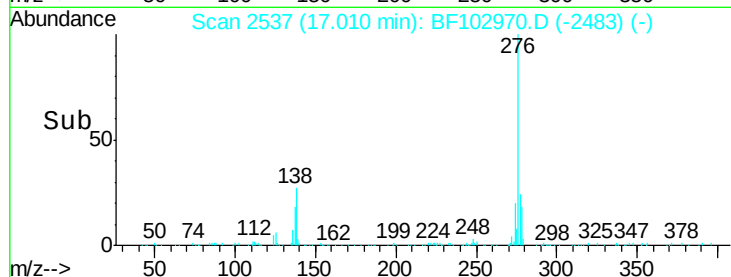
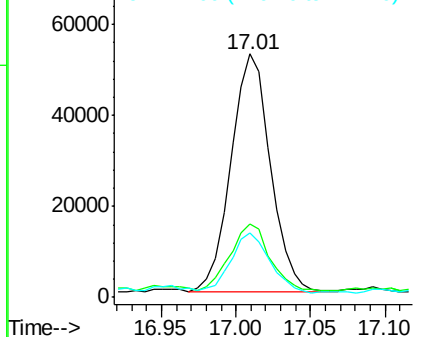
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.05 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 95768
Ion Ratio Lower Upper
276 100
138 27.8 25.0 37.6
277 24.7 20.1 30.1

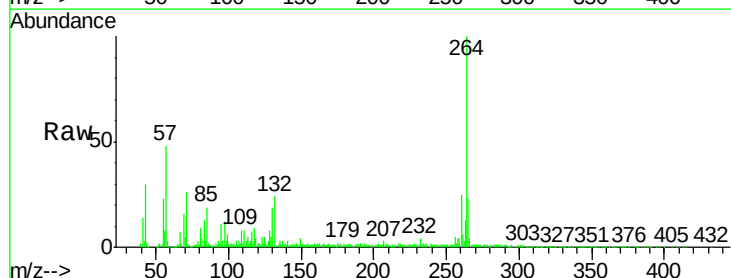


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

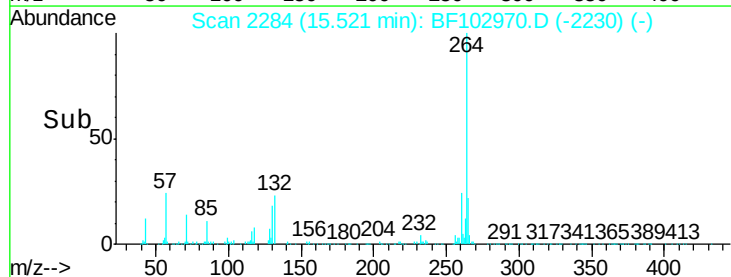
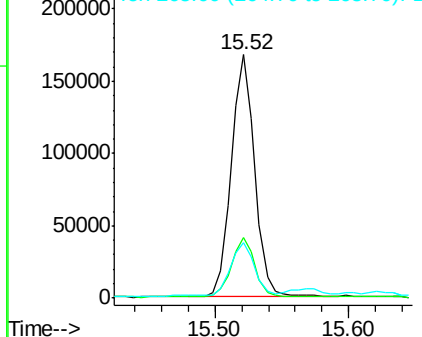


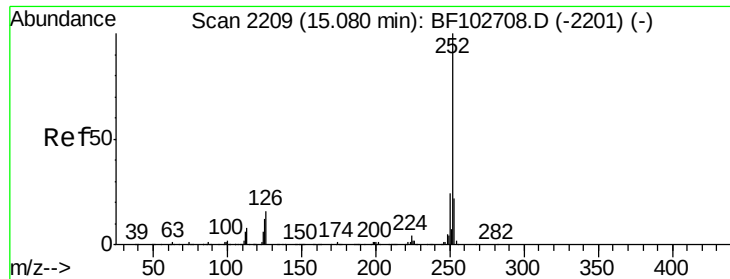
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102970.D
Acq: 13 Feb 2018 19:07

Tgt Ion:264 Resp: 206808
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 22.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 26.20 ng

RT: 15.09 min Scan# 2210

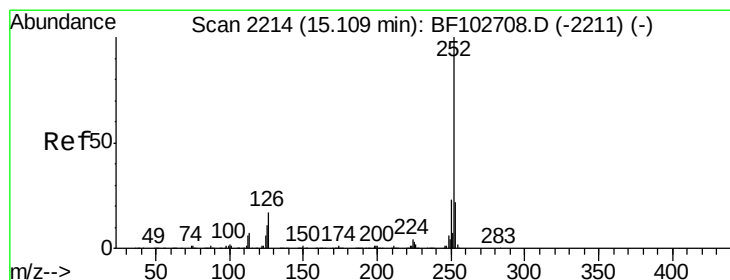
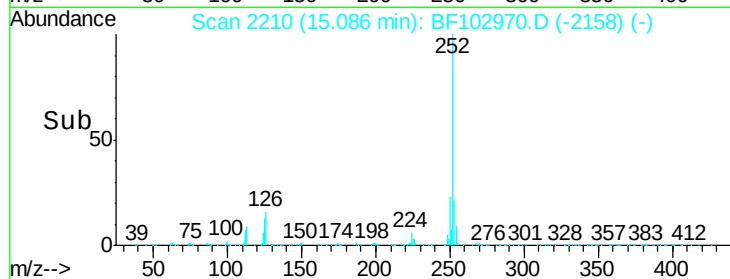
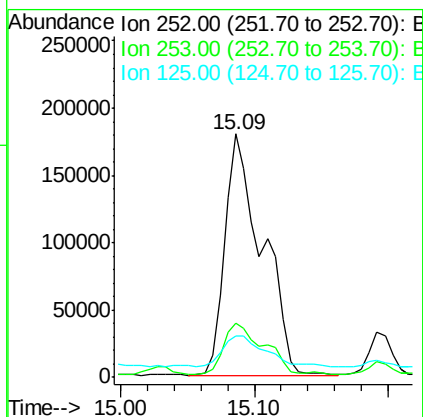
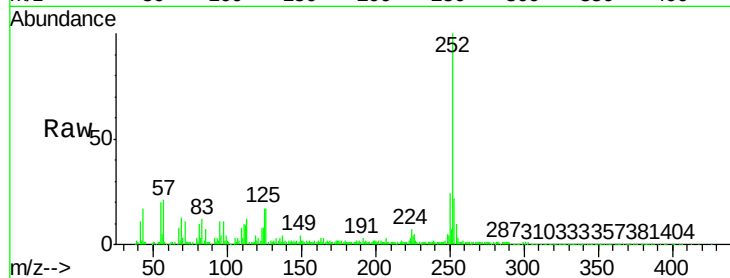
Delta R.T. 0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	17.2	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 27.42 ng

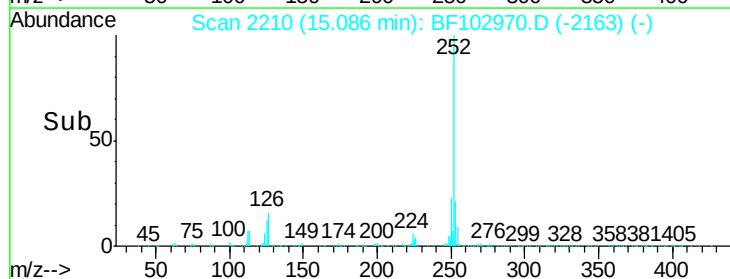
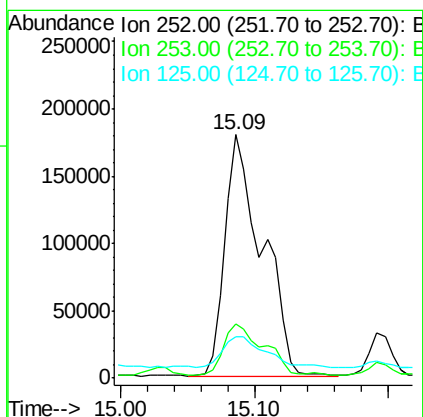
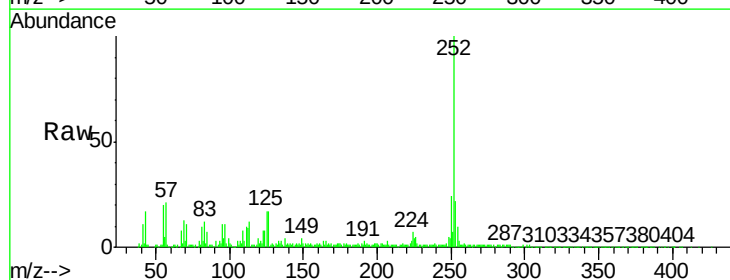
RT: 15.09 min Scan# 2210

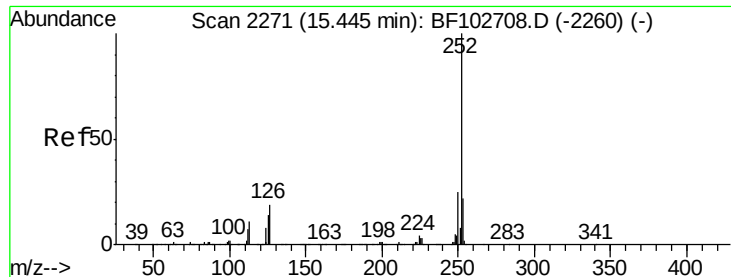
Delta R.T. -0.02 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	17.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 16.18 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

Instrument :

BNA_F

ClientSampleId :

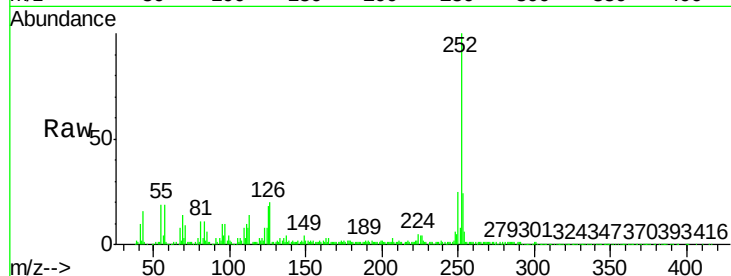
Tot Ion:252 Resp: 195293

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

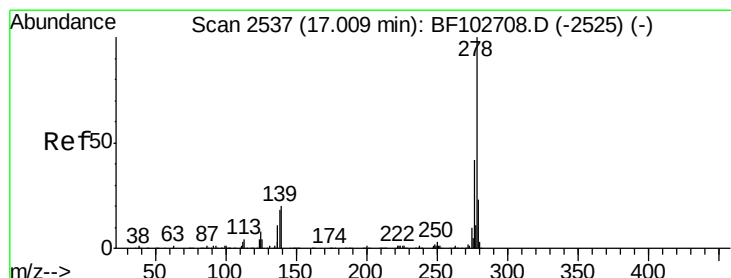
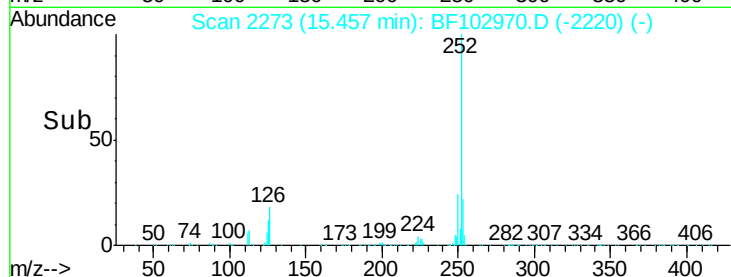
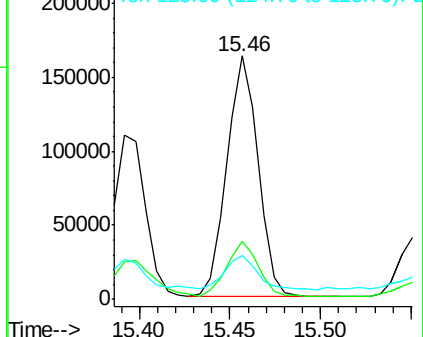
125 18.0 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.55 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF102970.D

Acq: 13 Feb 2018 19:07

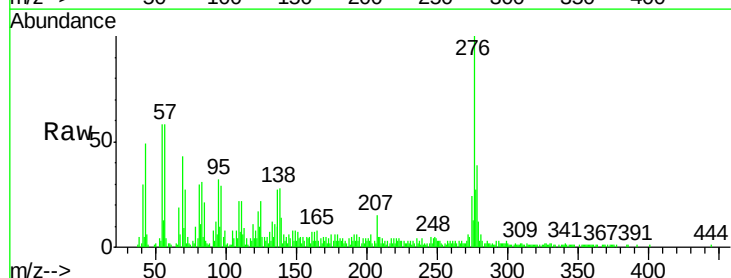
Tgt Ion:278 Resp: 24948

Ion Ratio Lower Upper

278 100

139 35.3 15.9 23.9#

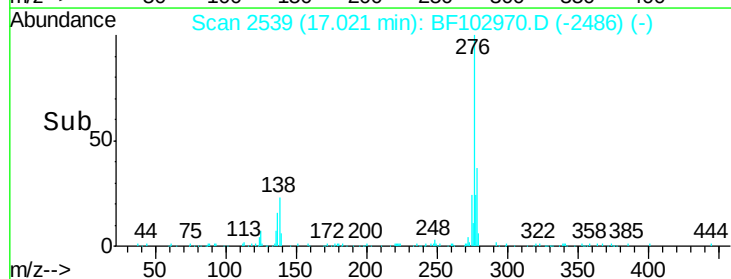
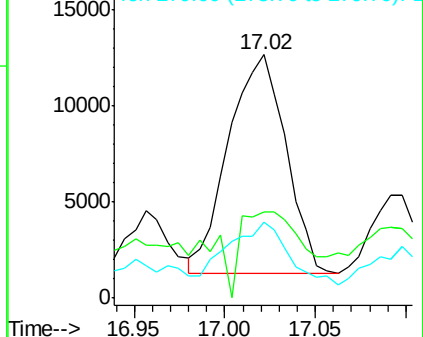
279 31.0 19.0 28.4#

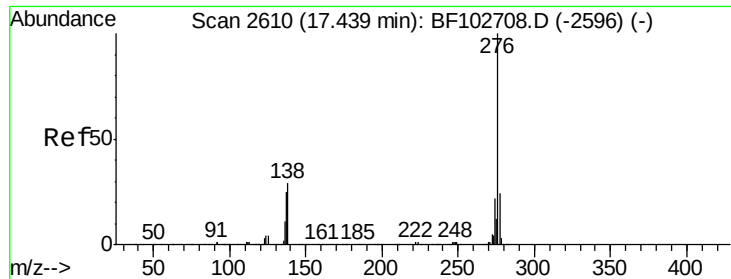


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

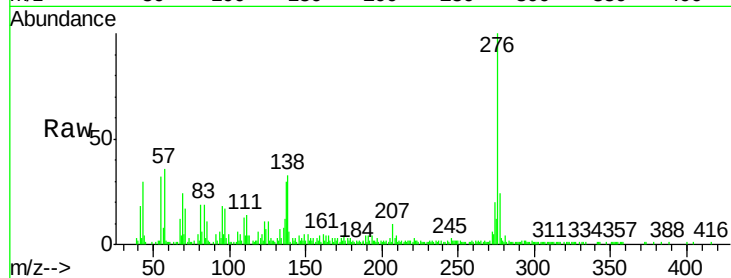




#91
 Benzo(a,h,i)perylene
 Concen: 11.47 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. 0.02 min
 Lab File: BF102970.D
 Acq: 13 Feb 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	32.8	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

