

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102589.D
 Acq On : 29 Jan 2018 11:26
 Operator : SJ/JU
 Sample : J1257-17RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:03:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	156754	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	623872	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	268115	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	355936	20.00	ng	0.00
75) Chrysene-d12	13.89	240	222078	20.00	ng	0.01
86) Perylene-d12	15.34	264	261393	20.00	ng	0.04

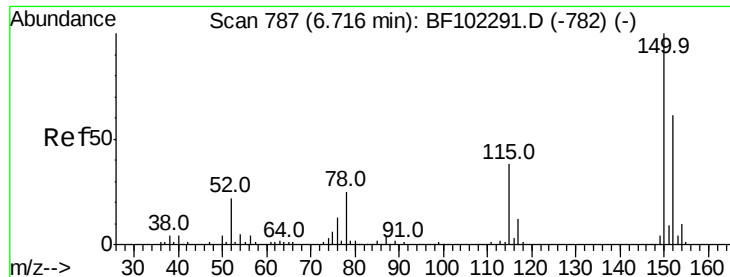
System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1167071	112.89	ng	0.01
7) Phenol-d6	6.36	99	1344066	107.84	ng	0.00
23) Nitrobenzene-d5	7.29	82	823266	75.83	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	218044	82.08	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1260368	69.12	ng	0.00
78) Terphenyl-d14	12.83	244	699769	71.03	ng	0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.49	77	22711	2.635	ng	81
10) Phenol	6.37	94	58342	4.288	ng	86
18) Hexachloroethane	7.25	117	44333	9.854	ng	# 1
22) Acetophenone	7.10	105	37690	2.534	ng	# 59
25) Isophorone	7.29	82	811153	41.912	ng	# 64
31) Naphthalene	8.02	128	77269	2.481	ng	# 93
37) 2-Methylnaphthalene	8.71	142	117629	5.670	ng	97
49) Dimethylphthalate	9.47	163	200949	9.068	ng	100
53) 2,4-Dinitrophenol	9.94	184	125	3.751	ng	# 1
57) Fluorene	10.30	166	37129	2.042	ng	# 93
70) Phenanthrene	11.26	178	322646	15.556	ng	99
71) Anthracene	11.26	178	322646	15.241	ng	98
74) Fluoranthene	12.46	202	334943	15.836	ng	98
77) Pyrene	12.69	202	309089	18.001	ng	99
80) Benzo(a)anthracene	13.89	228	141014	10.314	ng	# 94
82) Chrysene	13.89	228	141014	10.156	ng	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	122626	10.679	ng	95
84) Di-n-octyl phthalate	14.47	149	57175	3.062	ng	# 74
85) Indeno(1,2,3-cd)pyrene	16.75	276	96242	8.393	ng	95
87) Benzo(b)fluoranthene	14.92	252	244080	14.407	ng	# 60
88) Benzo(k)fluoranthene	14.92	252	244080	15.249	ng	# 63
89) Benzo(a)pyrene	15.28	252	140629	9.203	ng	# 64
90) Dibenzo(a,h)anthracene	16.76	278	27325	2.208	ng	# 17
91) Benzo(g,h,i)perylene	17.17	276	88728	7.260	ng	# 82

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

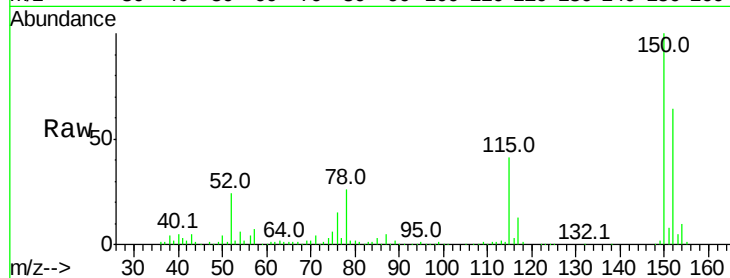


#1

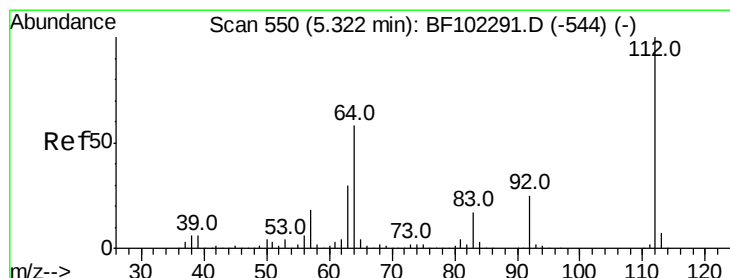
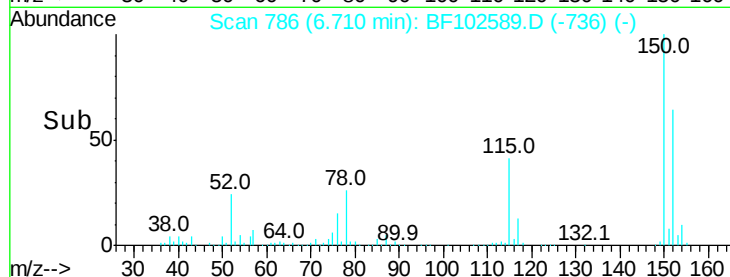
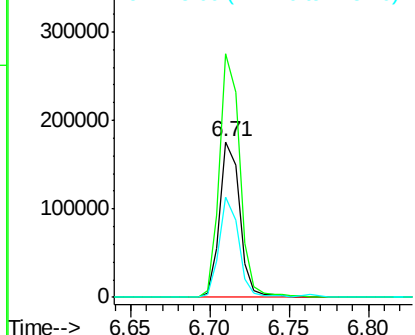
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156754
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.6 50.1 75.1



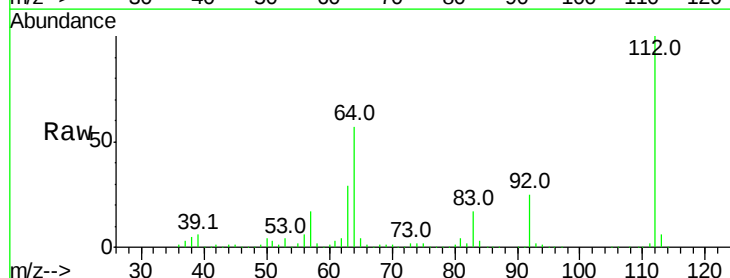
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



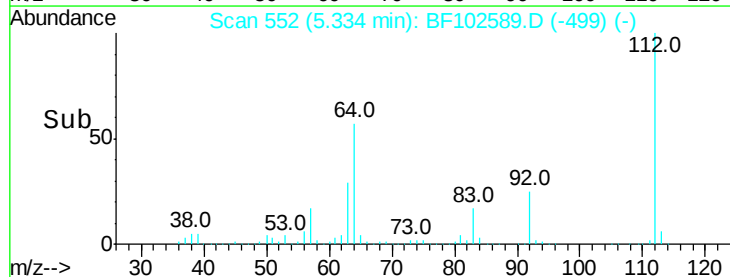
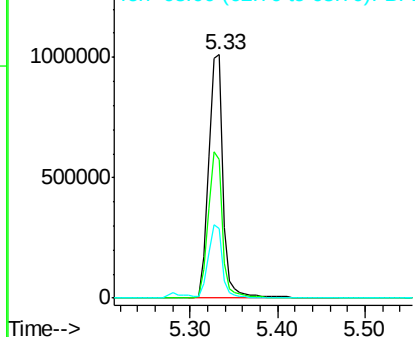
#5

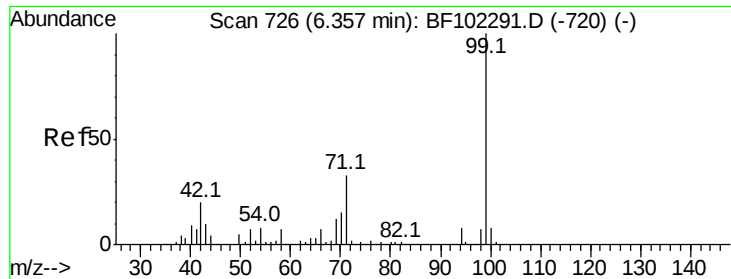
2-Fluorophenol
Concen: 112.889 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Tgt Ion:112 Resp: 1167071
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.6 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: 107.839 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Instrument :

BNA_F

ClientSampled :

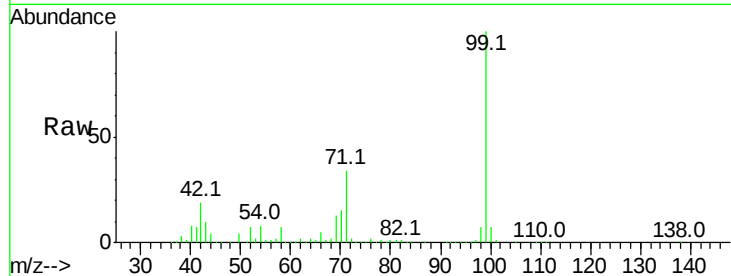
Tot Ion: 99 Resp: 1344066

Ion Ratio Lower Upper

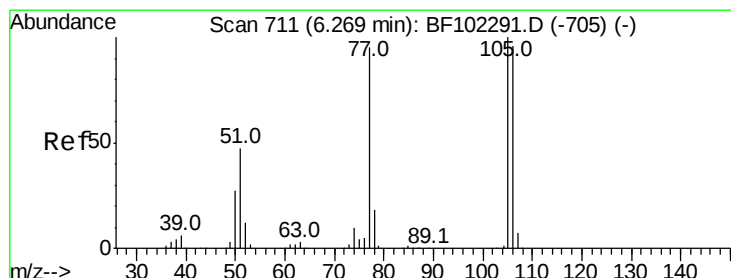
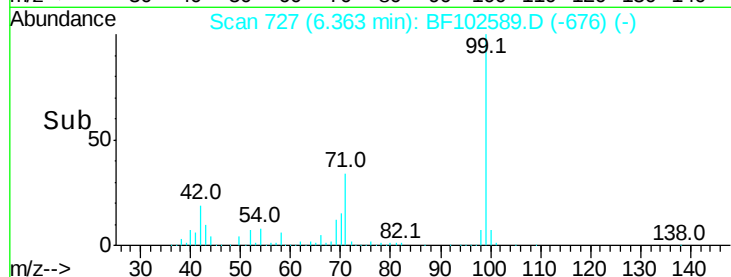
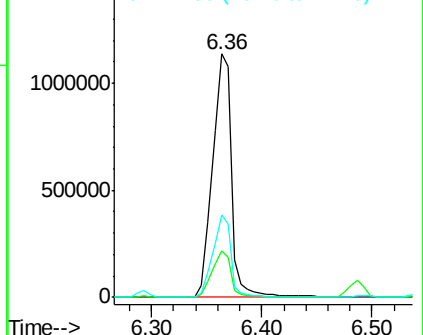
99 100

42 19.3 14.5 21.7

71 33.9 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



#9

Benzaldehyde

Concen: 2.635 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

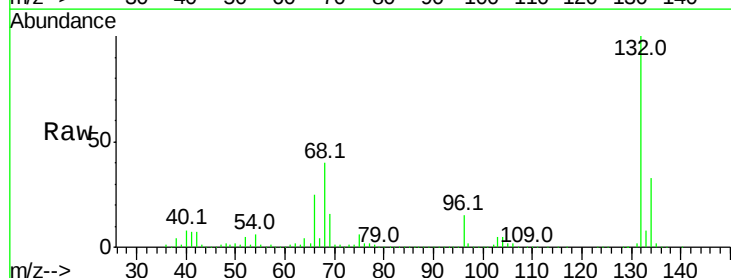
Tgt Ion: 77 Resp: 22711

Ion Ratio Lower Upper

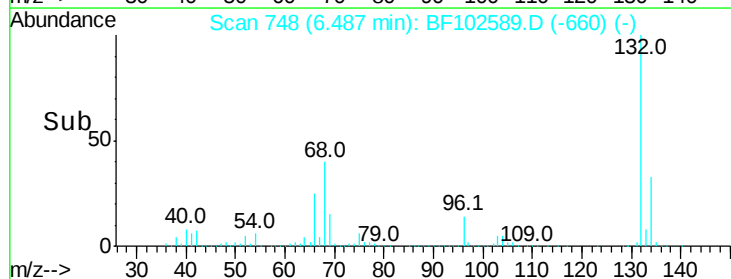
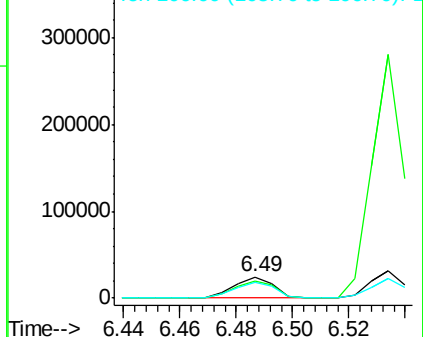
77 100

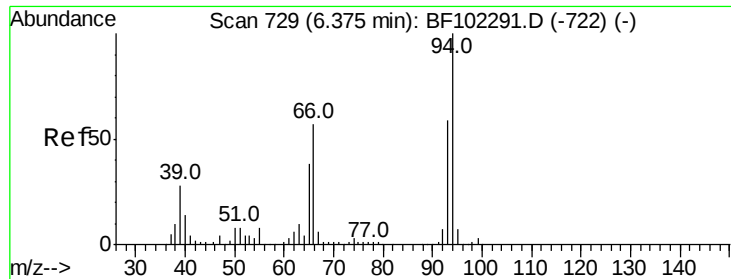
105 82.7 81.1 121.1

106 74.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.288 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Instrument :

BNA_F

ClientSampled :

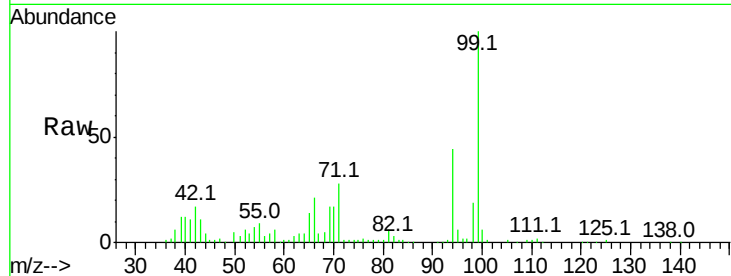
Tot Ion: 94 Resp: 58342

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

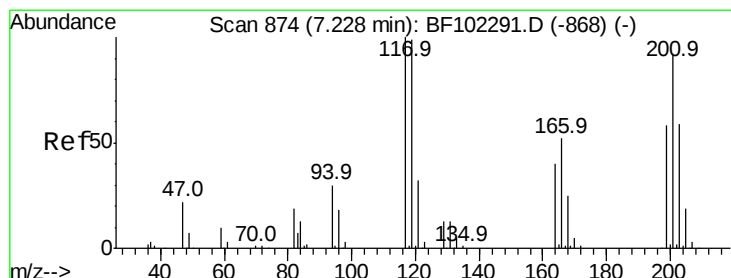
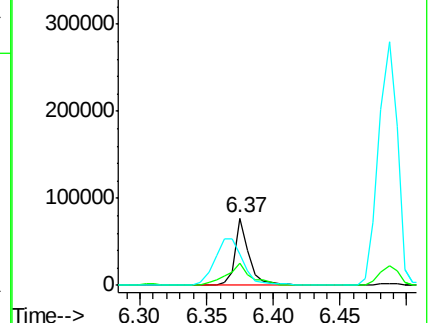
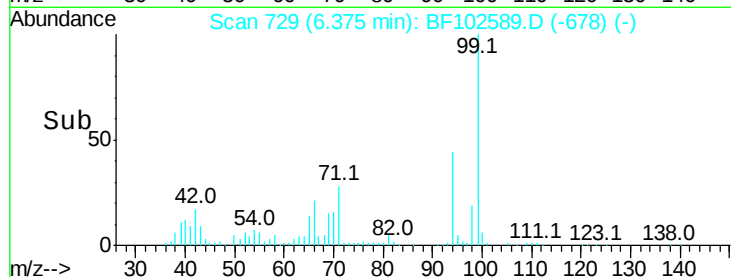
66 47.1 16.2 56.2



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



#18

Hexachloroethane

Concen: 9.854 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

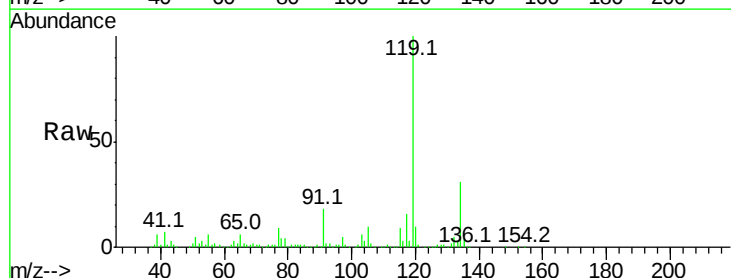
Tgt Ion: 117 Resp: 44333

Ion Ratio Lower Upper

117 100

119 607.1 75.8 113.8#

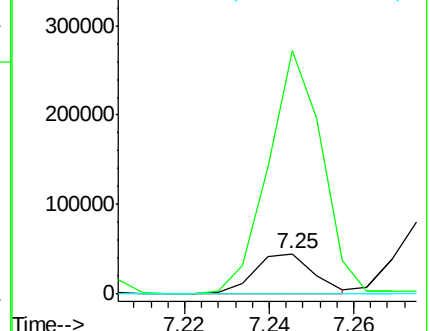
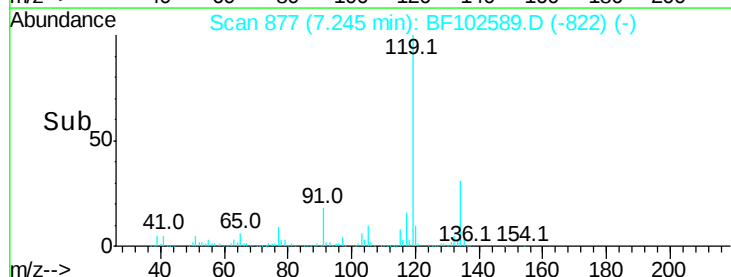
201 0.0 75.7 113.5#

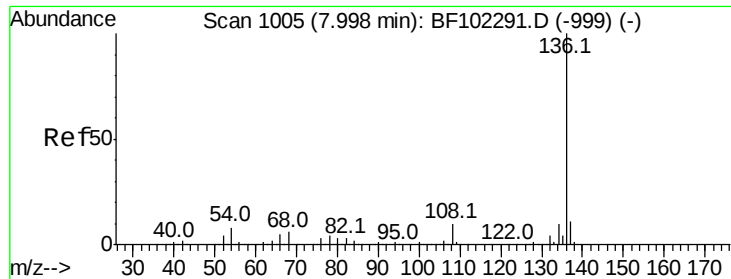


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 623872

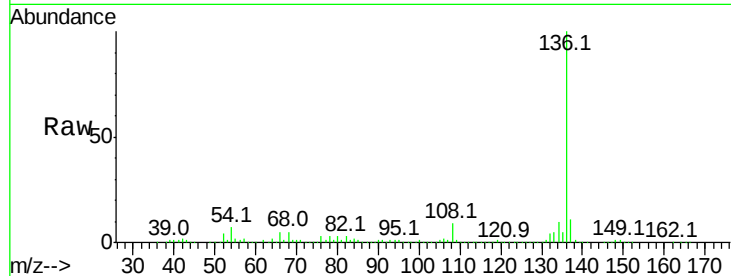
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 6.6 9.8

68 5.1 5.0 7.4

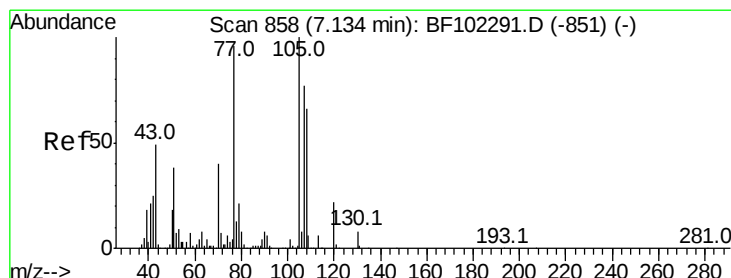
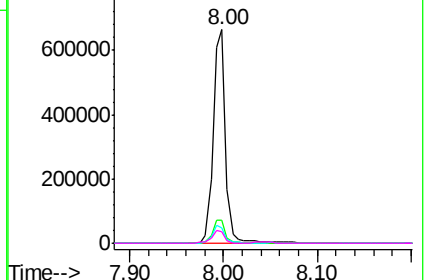
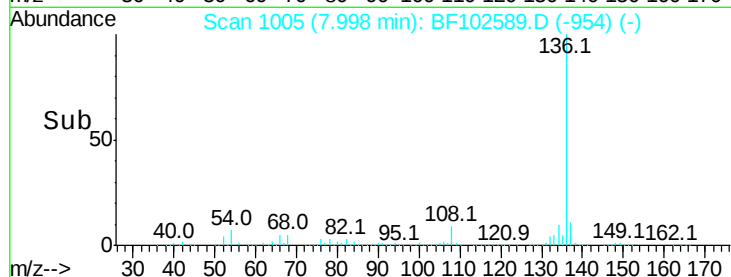


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.534 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Tgt Ion:105 Resp: 37690

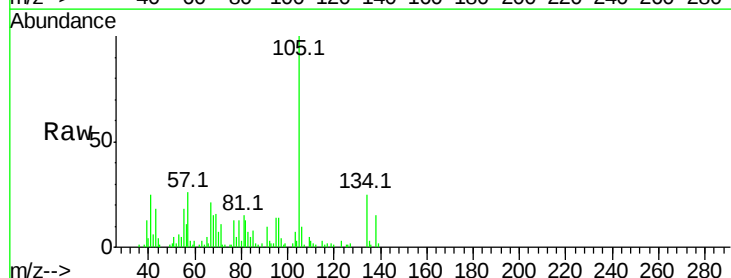
Ion Ratio Lower Upper

105 100

71 10.7 4.4 6.6#

51 5.1 22.3 33.5#

120 0.8 16.9 25.3#

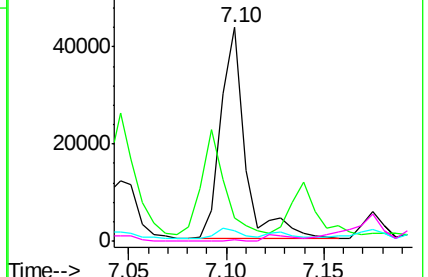
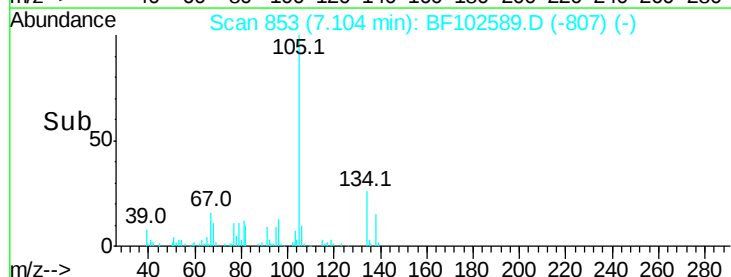


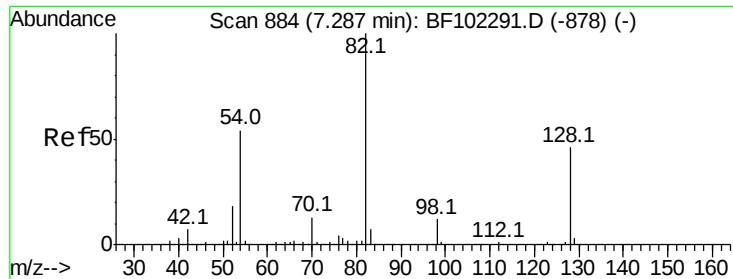
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

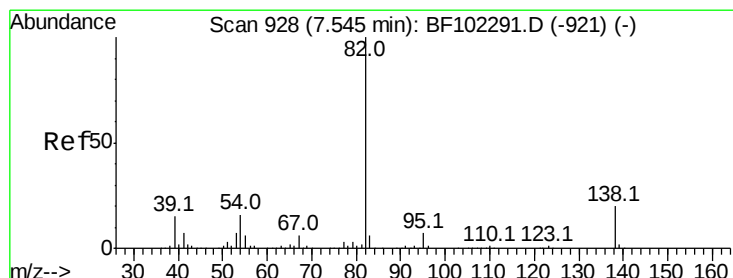
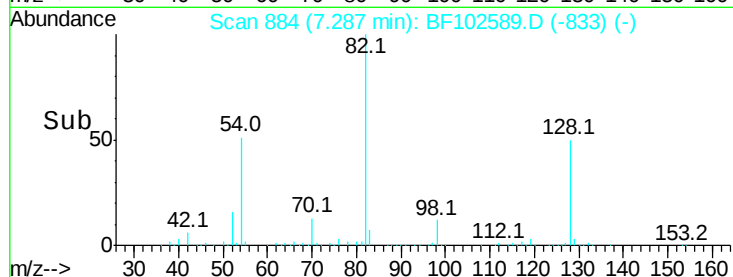
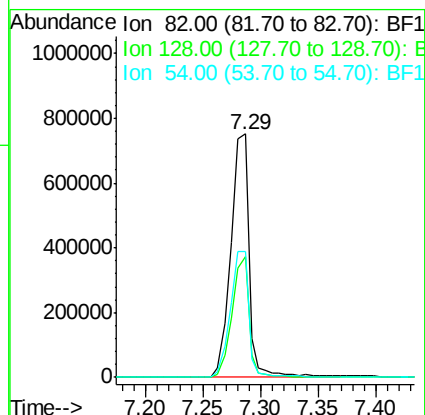
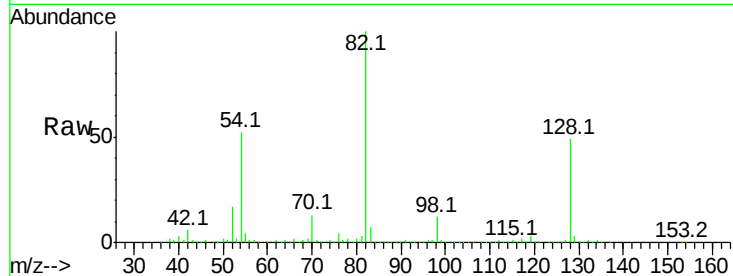




#23
Nitrobenzene-d5
Concen: 75.834 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

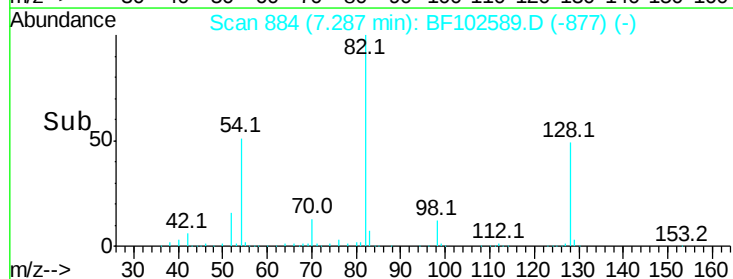
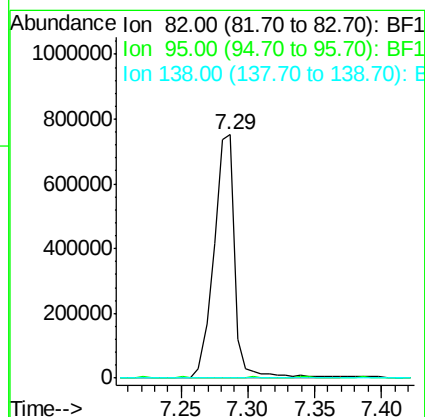
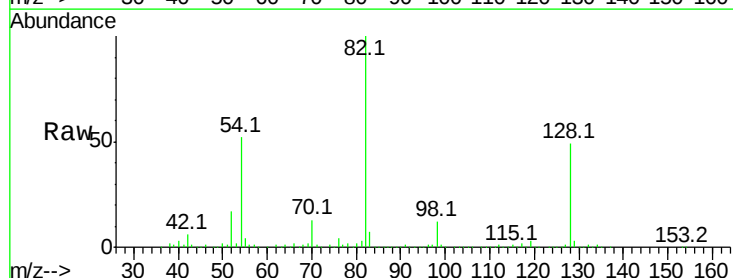
Instrument :
BNA_F
ClientSampleId :

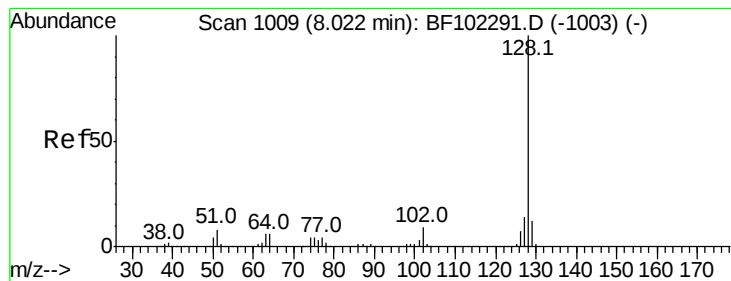
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	51.5	41.4	62.2



#25
Isophorone
Concen: 41.912 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 2.481 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

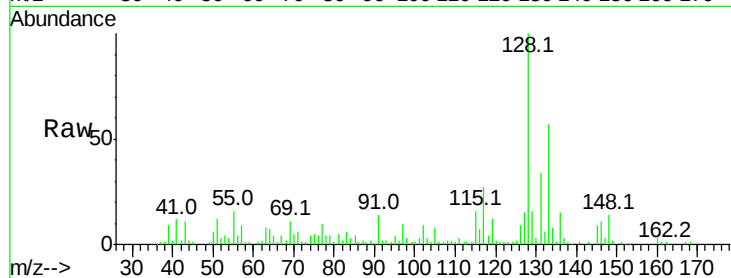
Tot Ion:128 Resp: 77269

Ion Ratio Lower Upper

128 100

129 15.7 8.8 13.2#

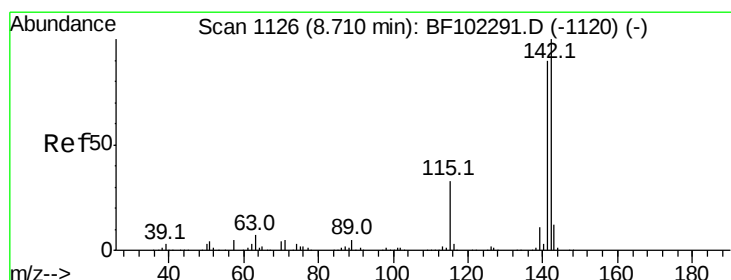
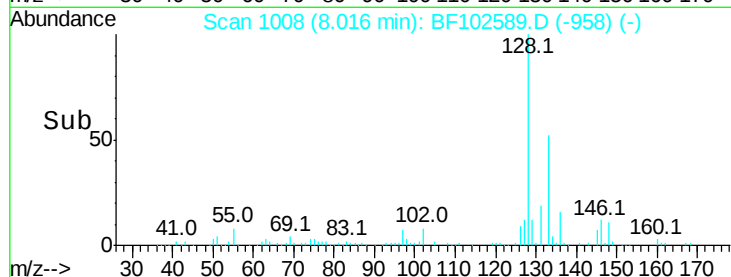
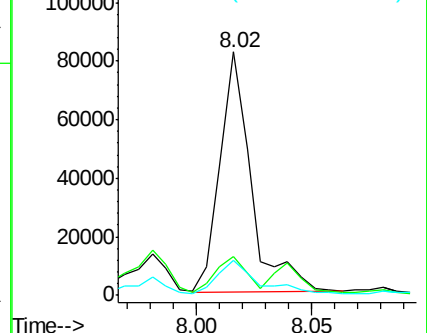
127 14.6 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 5.670 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

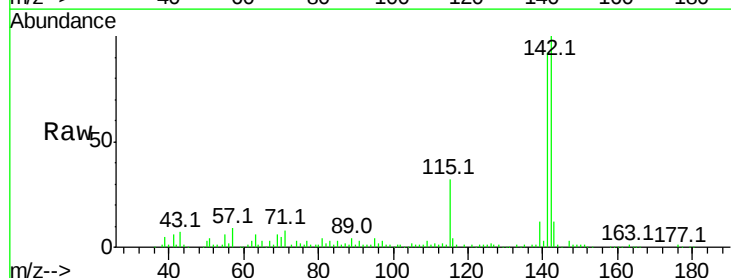
Tgt Ion:142 Resp: 117629

Ion Ratio Lower Upper

142 100

141 92.1 70.8 106.2

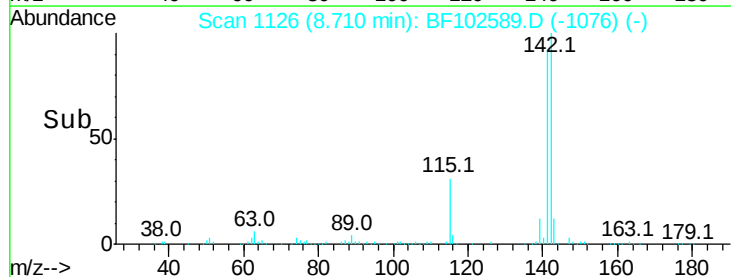
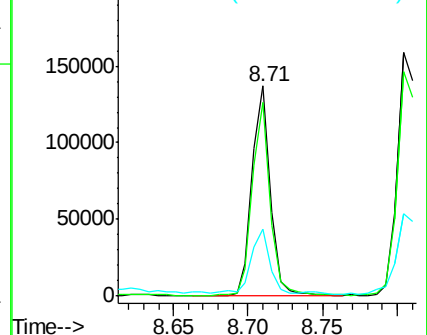
115 32.1 26.1 39.1

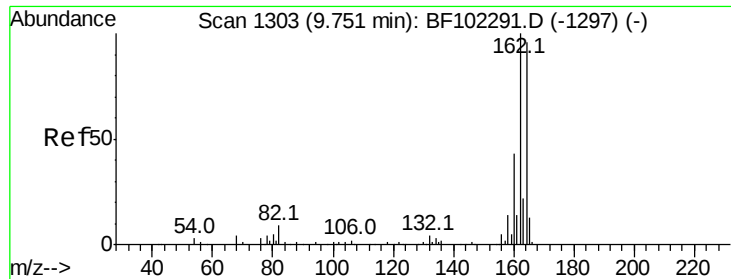


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

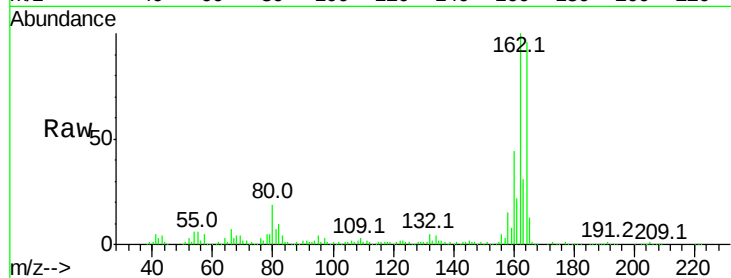




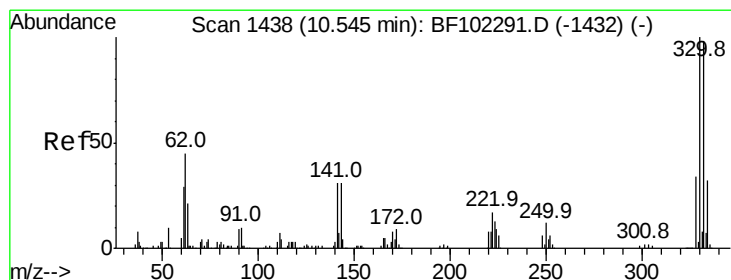
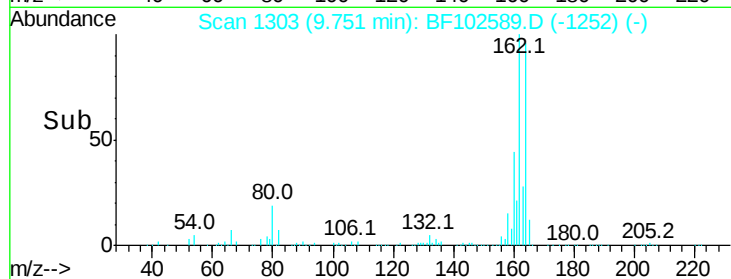
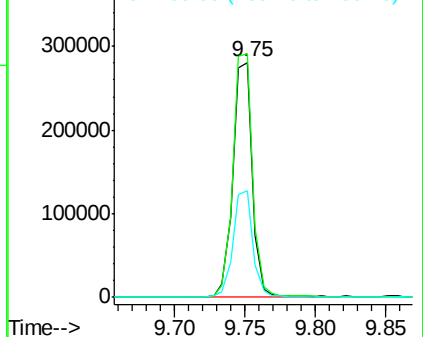
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102589.D
 Acq: 29 Jan 2018 11:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 268115
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 45.6 38.3 57.5

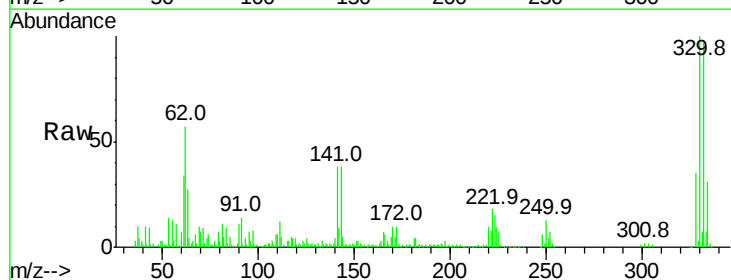


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

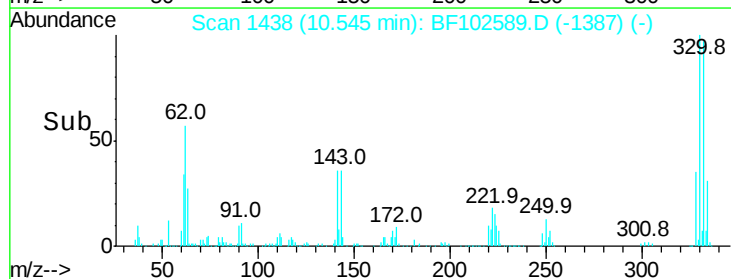
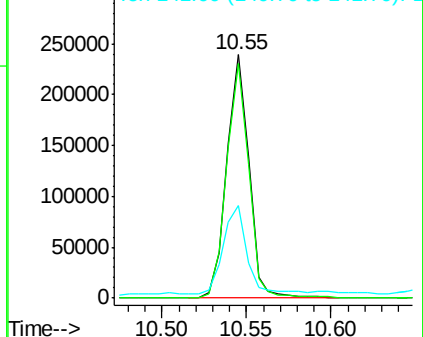


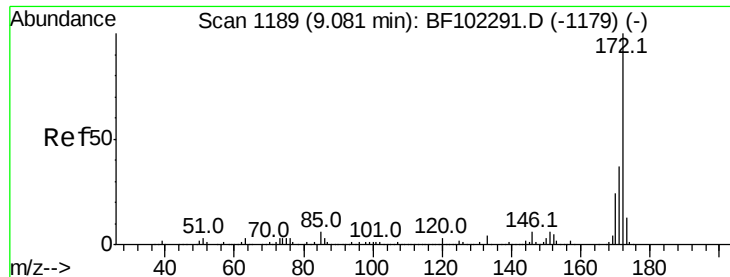
#41
 2,4,6-Tribromophenol
 Concen: 82.075 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102589.D
 Acq: 29 Jan 2018 11:26

Tgt Ion:330 Resp: 218044
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 40.0 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

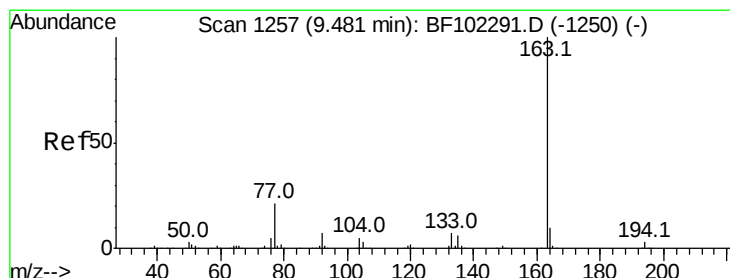
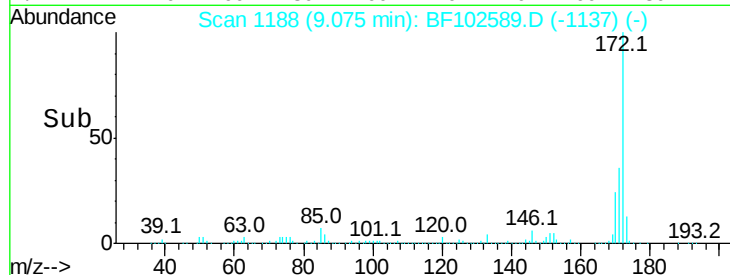
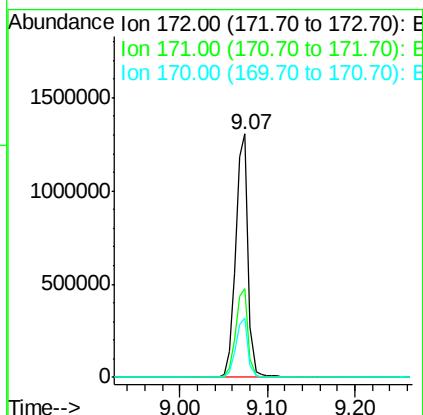
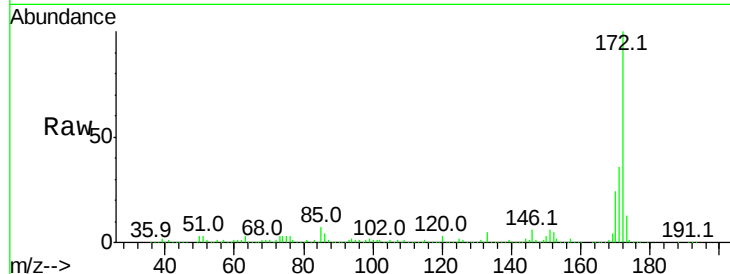




#44
2-Fluorobiphenyl
Concen: 69.119 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

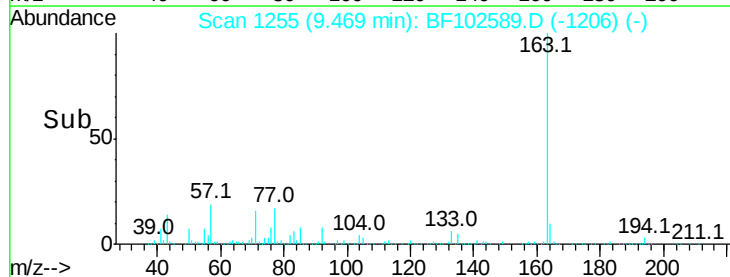
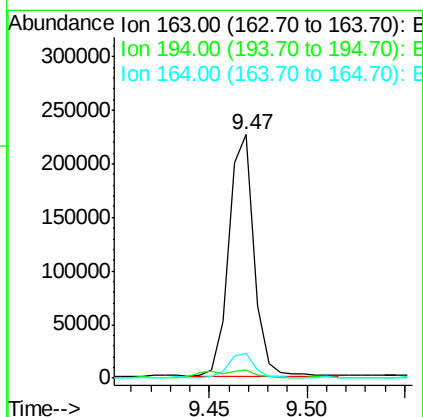
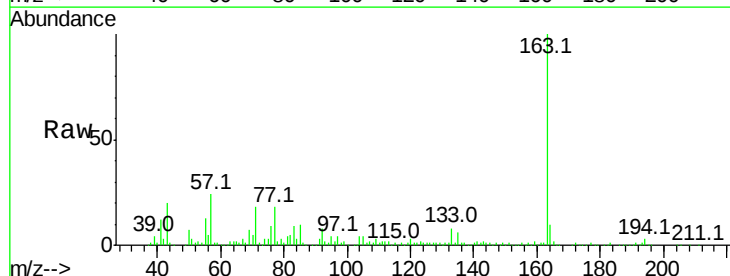
Instrument :
BNA_F
ClientSampleId :

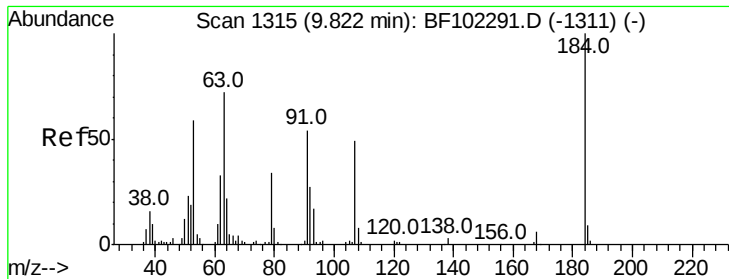
Tot Ion:172 Resp: 1260368
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 9.068 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Tgt Ion:163 Resp: 200949
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

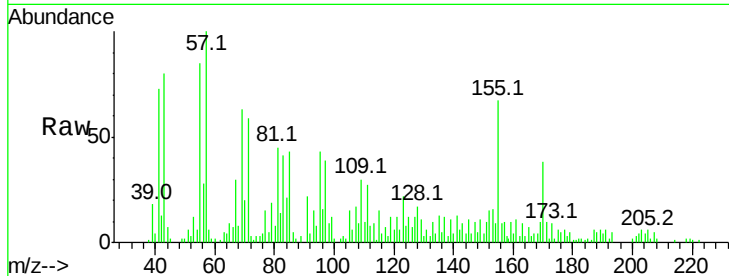




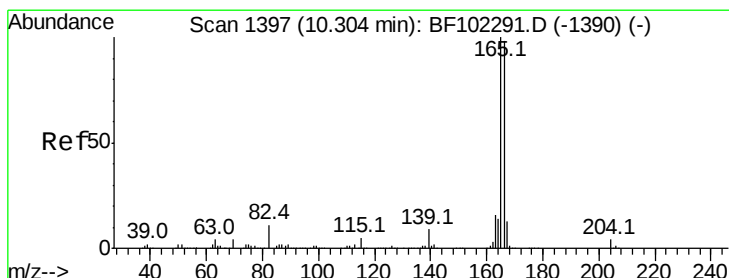
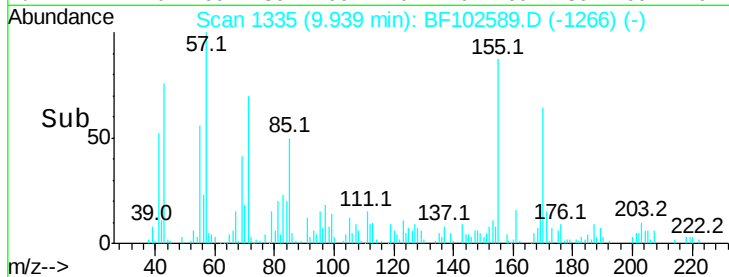
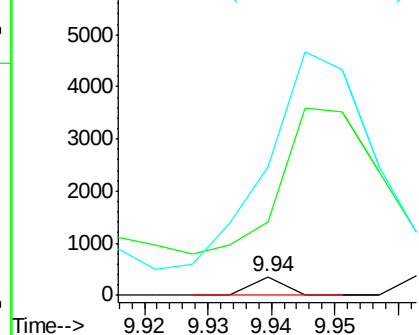
#53
2,4-Dinitrophenol
Concen: 3.751 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.11 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
63 399.7 54.2 81.2#
154 695.2 184.0 276.0#

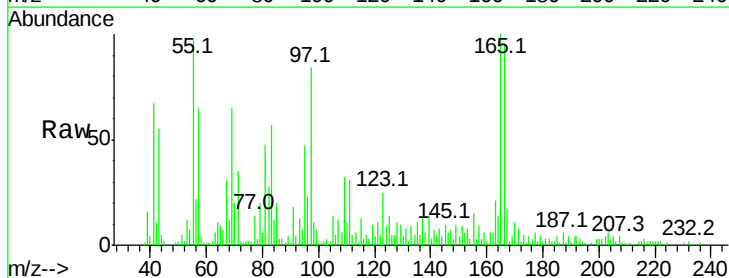


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

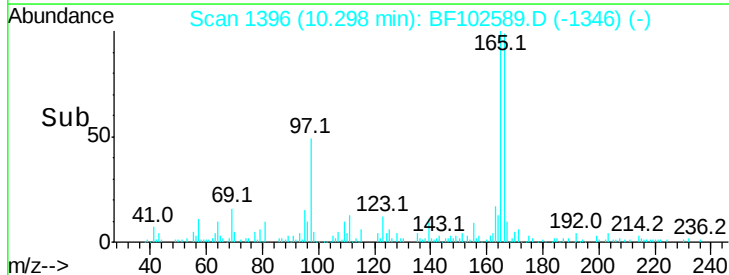
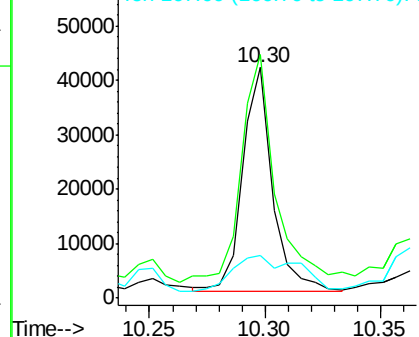


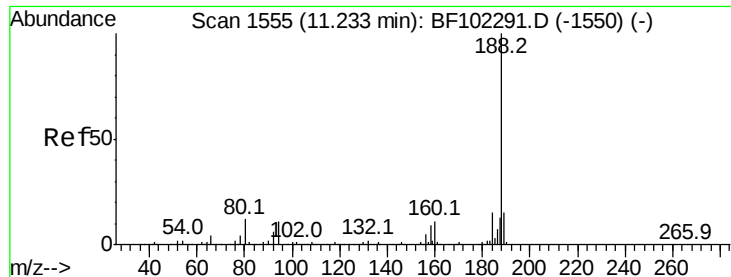
#57
Fluorene
Concen: 2.042 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Tgt Ion:166 Resp: 37129
Ion Ratio Lower Upper
166 100
165 105.7 79.8 119.8
167 18.4 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

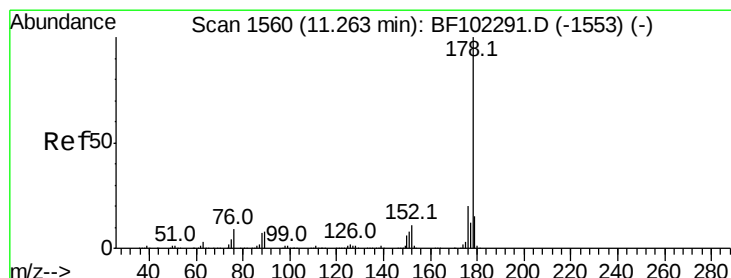
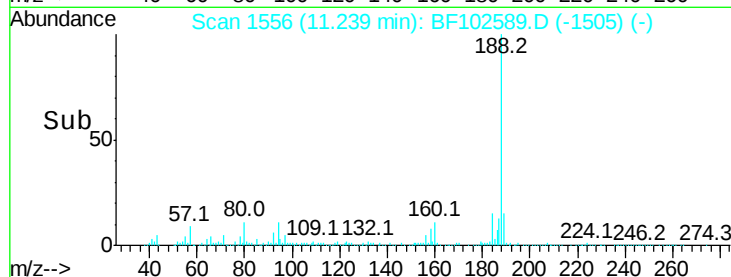
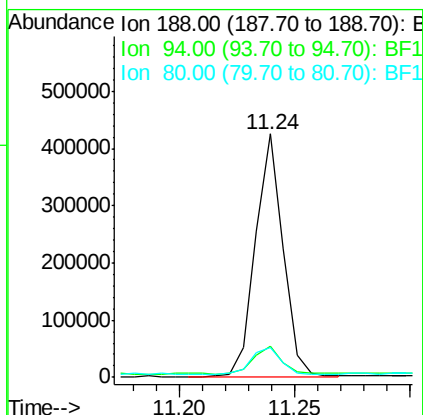
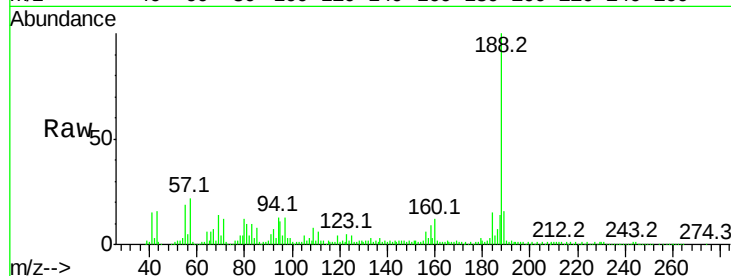




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

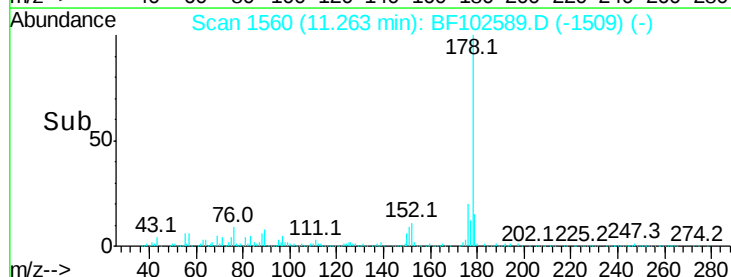
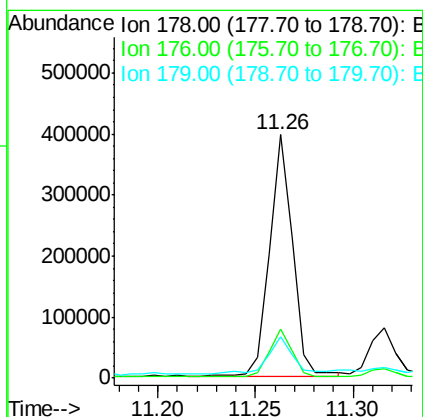
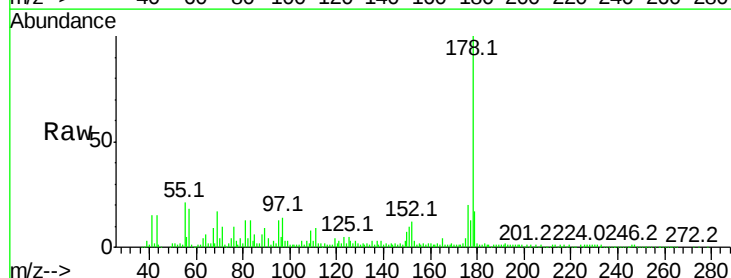
Instrument :
BNA_F
ClientSampled :

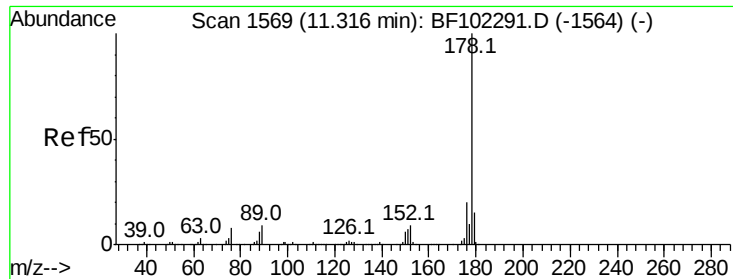
Tot Ion:188 Resp: 355936
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 12.2 9.2 13.8



#70
Phenanthrene
Concen: 15.556 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Tgt Ion:178 Resp: 322646
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 17.0 13.0 19.6

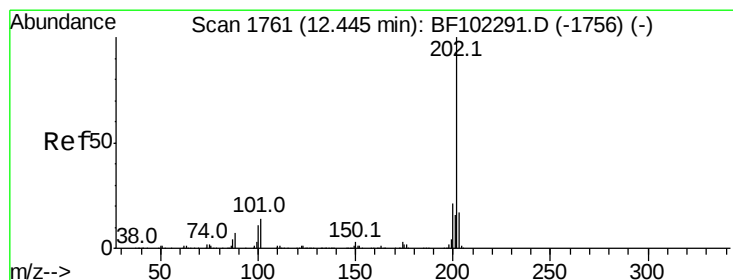
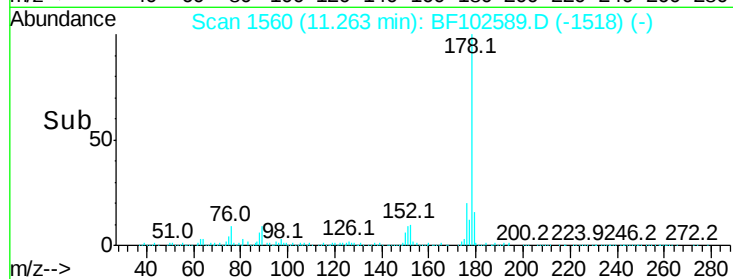
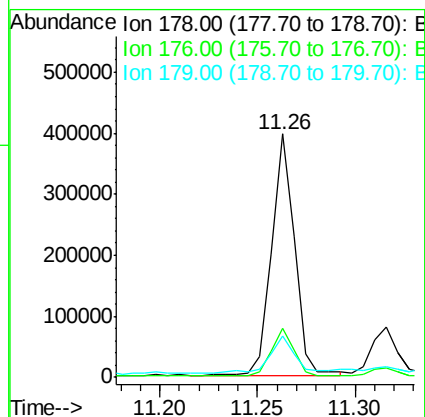
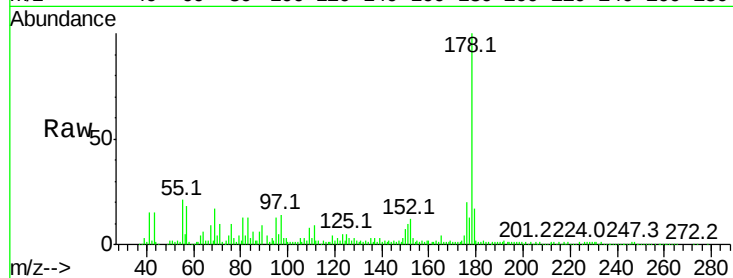




#71
 Anthracene
 Concen: 15.241 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.05 min
 Lab File: BF102589.D
 Acq: 29 Jan 2018 11:26

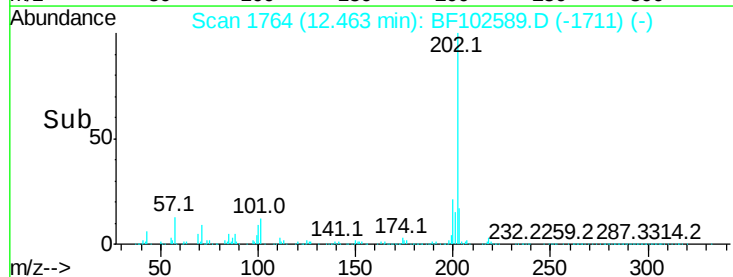
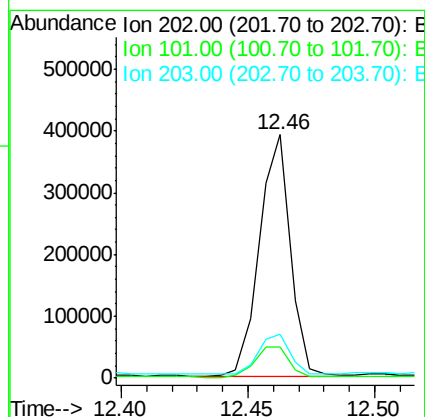
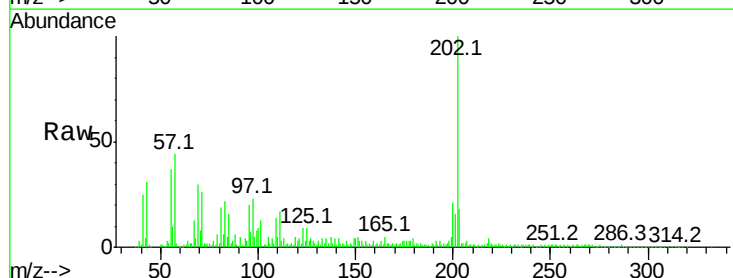
Instrument :
 BNA_F
 ClientSampleId :

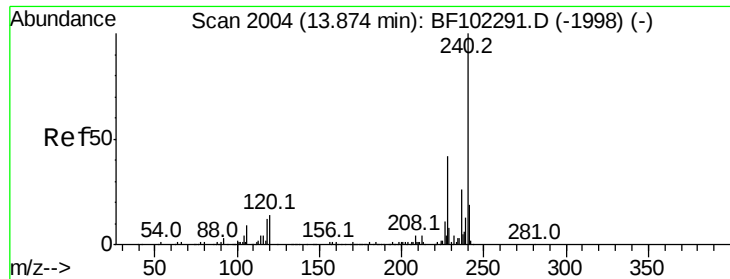
Tot Ion:178 Resp: 322646
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 17.0 12.6 19.0



#74
 Fluoranthene
 Concen: 15.836 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF102589.D
 Acq: 29 Jan 2018 11:26

Tgt Ion:202 Resp: 334943
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 34.1
 203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

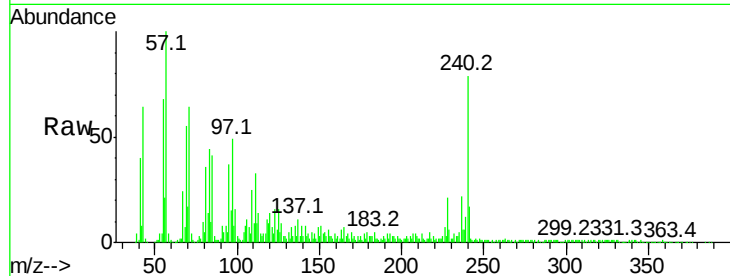
Tot Ion:240 Resp: 222078

Ion Ratio Lower Upper

240 100

120 17.9 9.5 14.3#

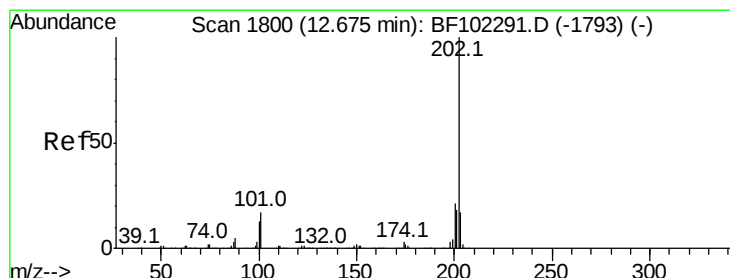
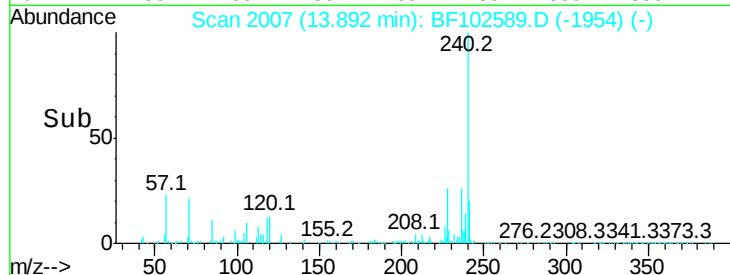
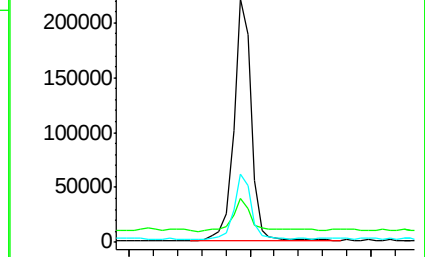
236 27.8 20.7 31.1



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: 18.001 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

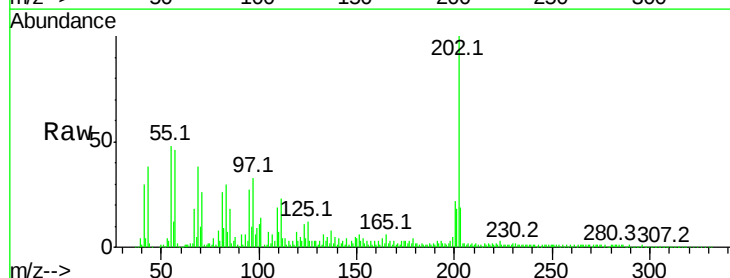
Tgt Ion:202 Resp: 309089

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

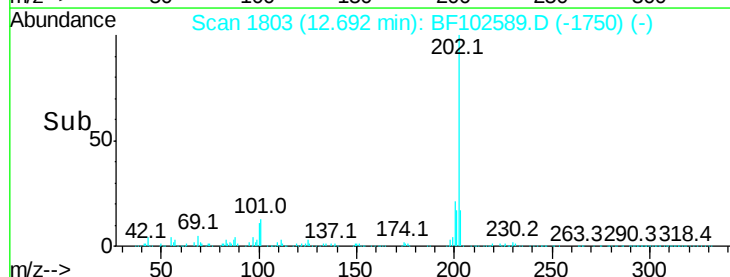
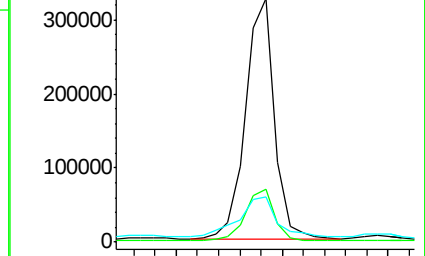
203 18.8 14.3 21.5

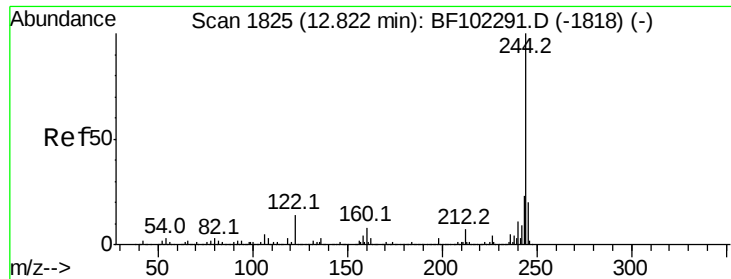


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.035 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

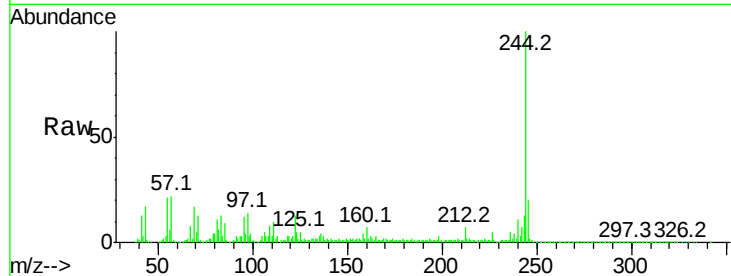
Tot Ion:244 Resp: 699769

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

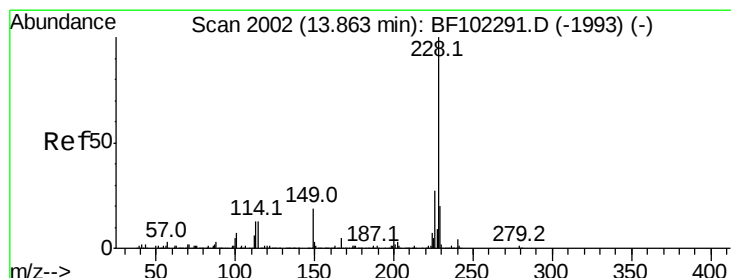
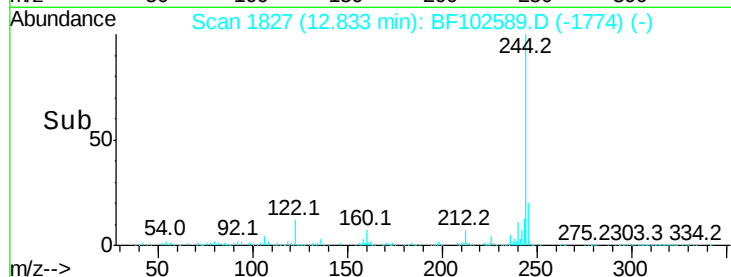
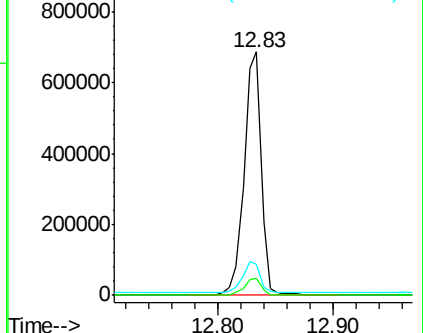
122 12.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 10.314 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.02 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

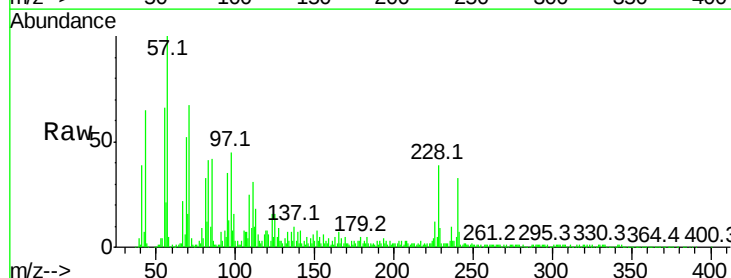
Tgt Ion:228 Resp: 141014

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

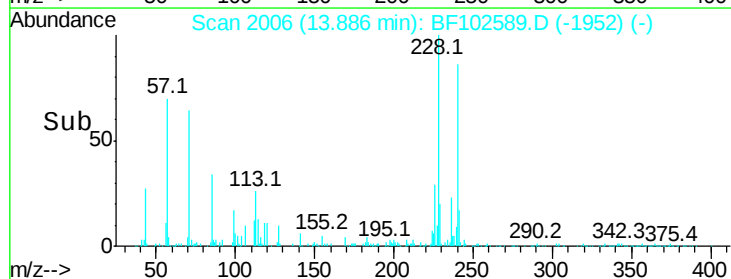
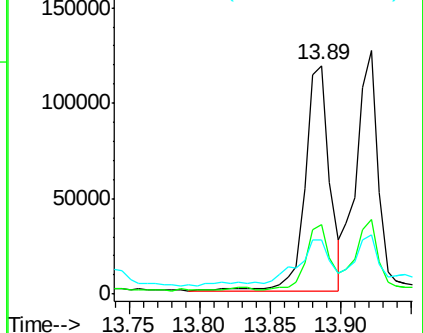
229 23.9 15.8 23.6#

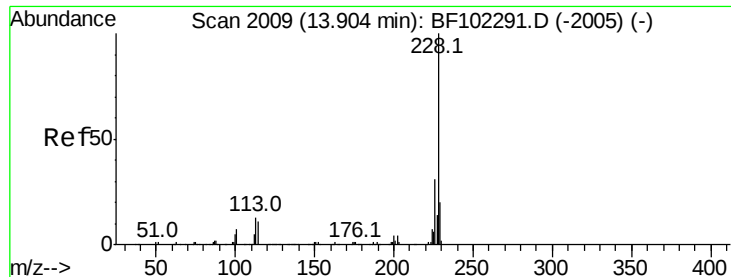


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 10.156 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

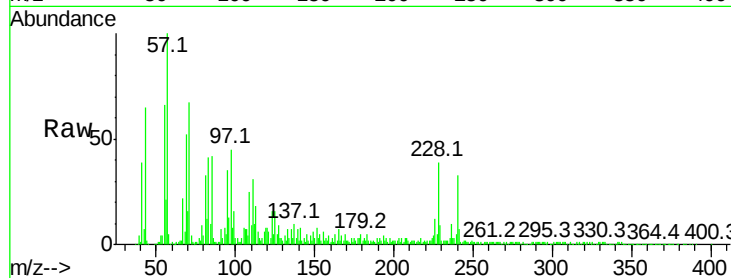
Tot Ion:228 Resp: 141014

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

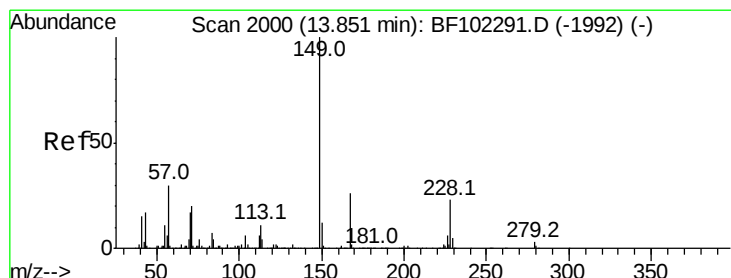
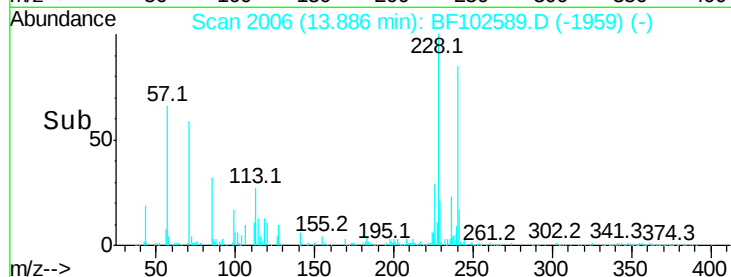
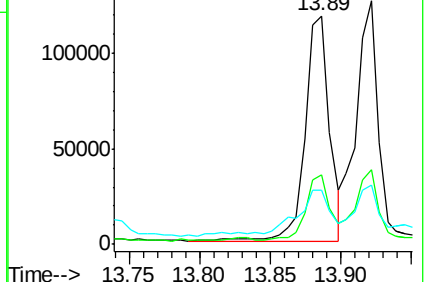
229 23.9 16.2 24.4



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: 10.679 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

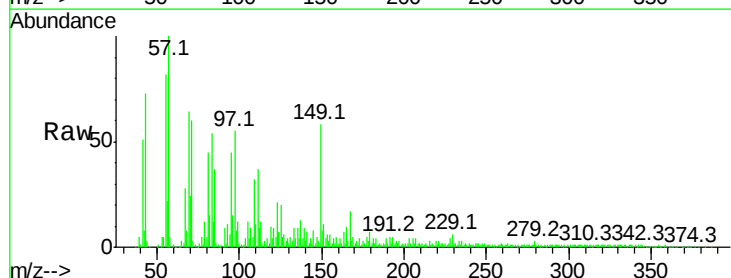
Tgt Ion:149 Resp: 122626

Ion Ratio Lower Upper

149 100

167 29.6 21.3 31.9

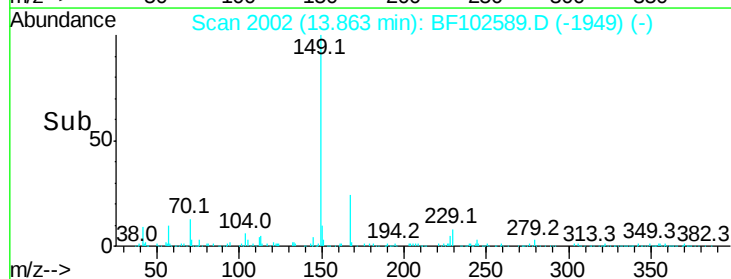
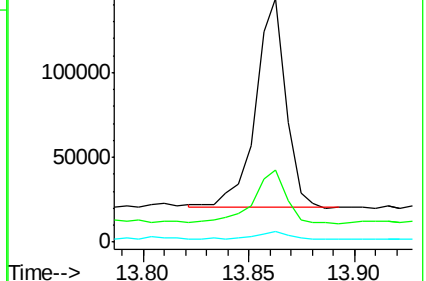
279 4.4 3.0 4.4

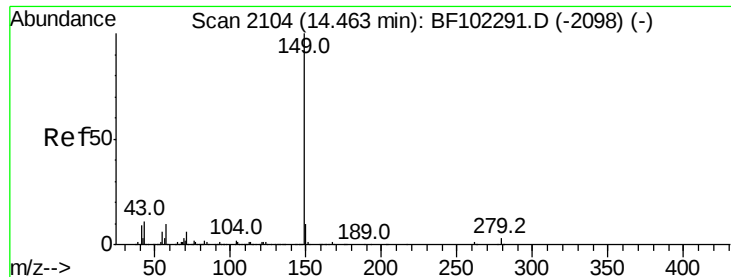


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

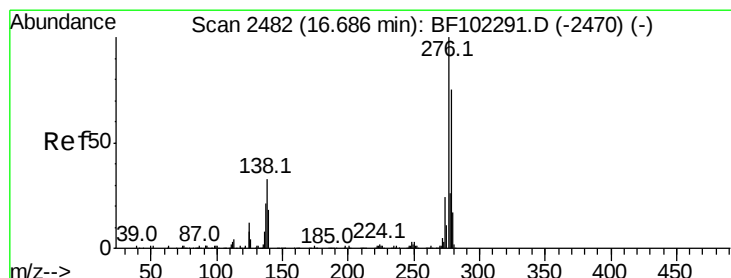
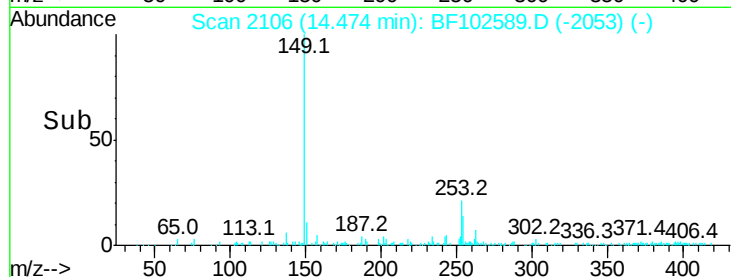
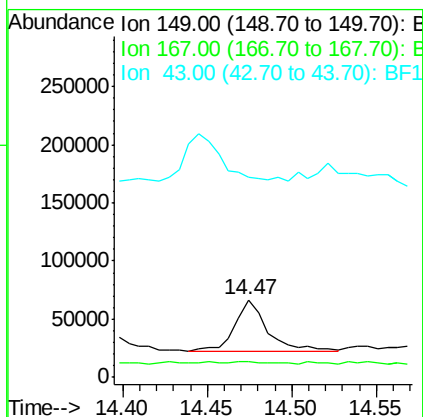
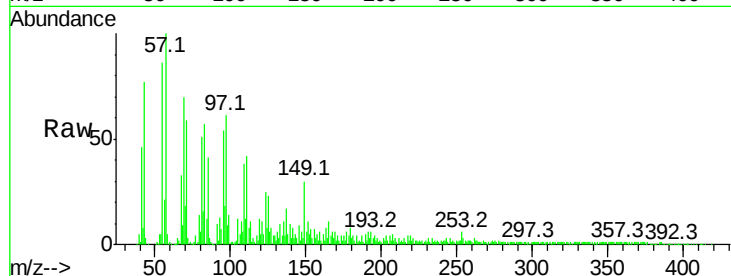




#84
Di-n-octyl phthalate
Concen: 3.062 ng
RT: 14.47 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

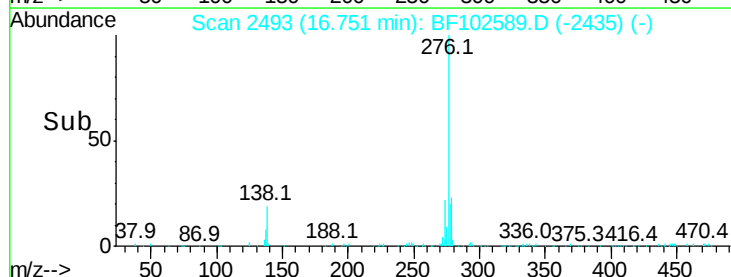
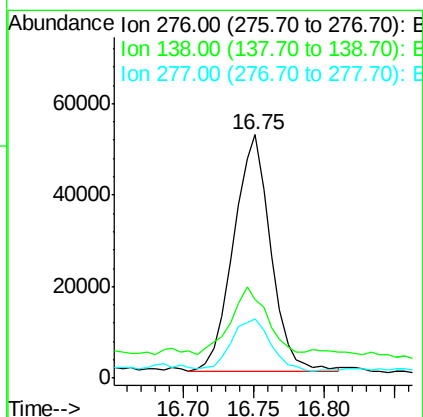
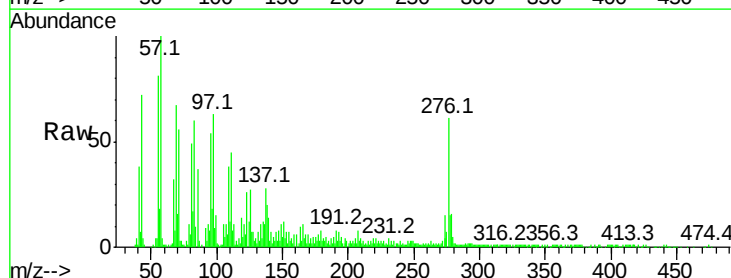
Instrument :
BNA_F
ClientSampleId :

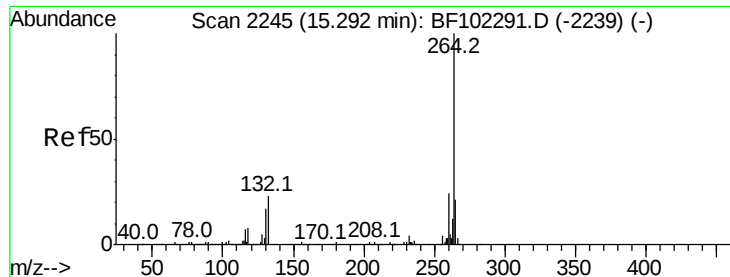
Tot Ion:149 Resp: 57175
Ion Ratio Lower Upper
149 100
167 6.0 1.2 1.8#
43 0.0 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 8.393 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Tgt Ion:276 Resp: 96242
Ion Ratio Lower Upper
276 100
138 27.9 25.0 37.6
277 23.5 20.1 30.1

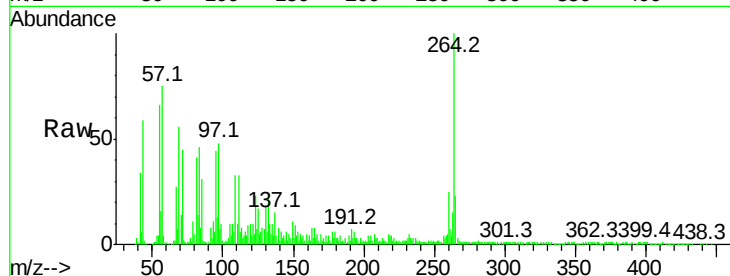




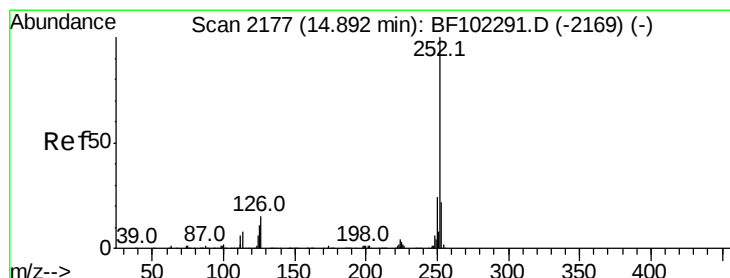
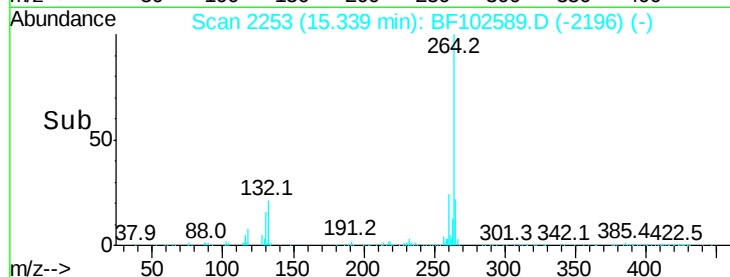
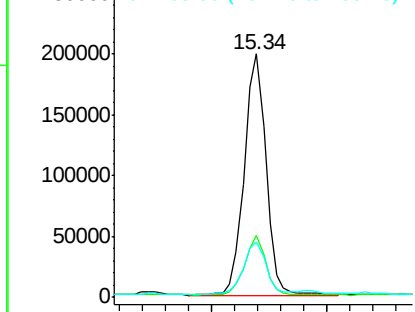
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.04 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 261393
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 22.9 17.5 26.3

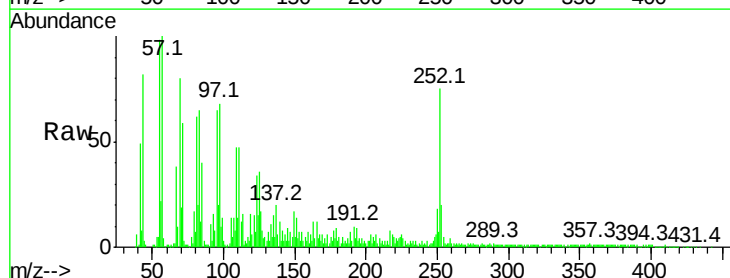


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

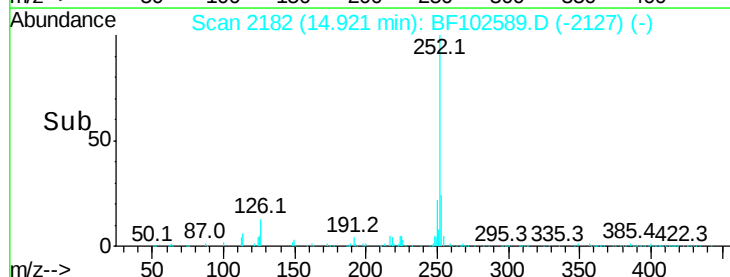
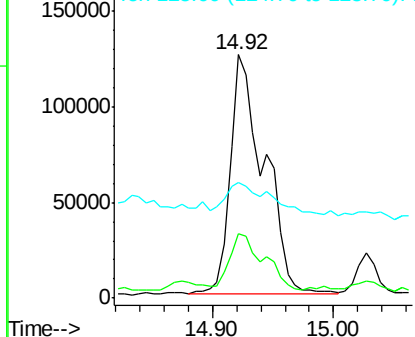


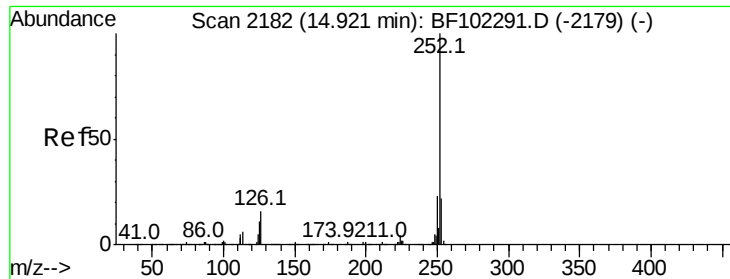
#87
Benzo(b)fluoranthene
Concen: 14.407 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Tgt Ion:252 Resp: 244080
Ion Ratio Lower Upper
252 100
253 26.5 17.0 25.6#
125 47.6 9.0 13.6#



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

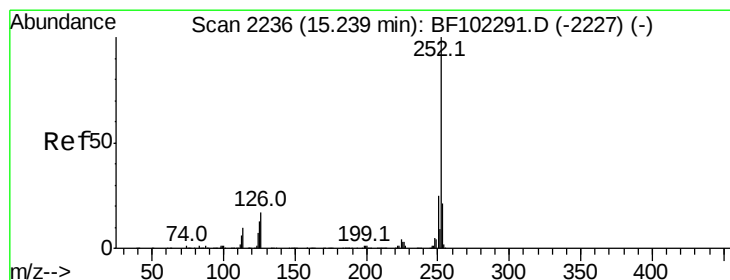
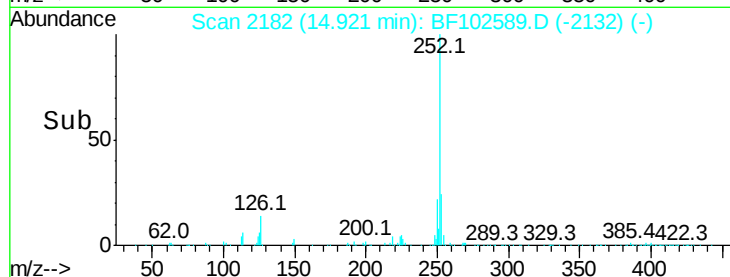
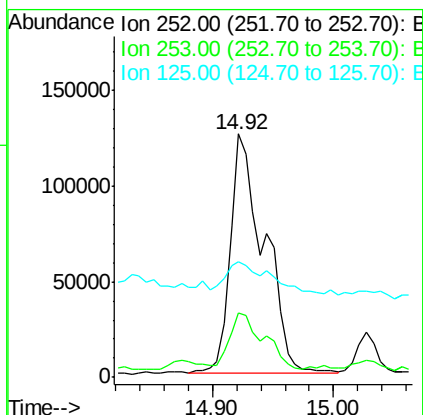
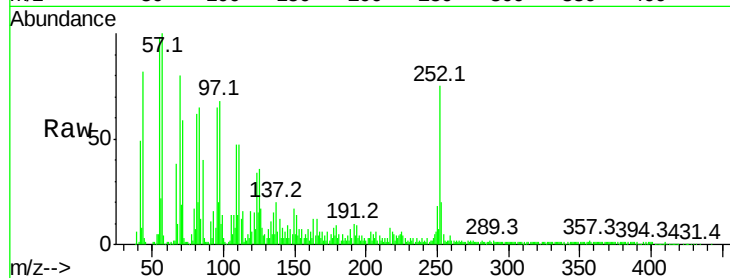




#88
Benzo(k)fluoranthene
Concen: 15.249 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

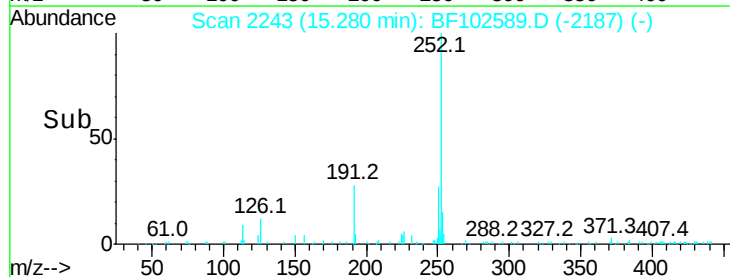
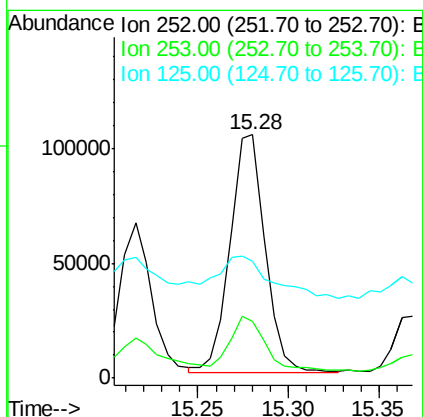
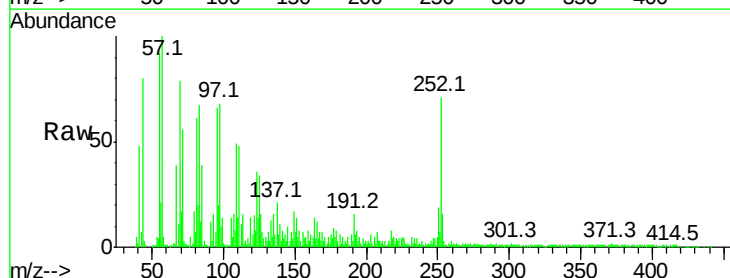
Instrument :
BNA_F
ClientSampleId :

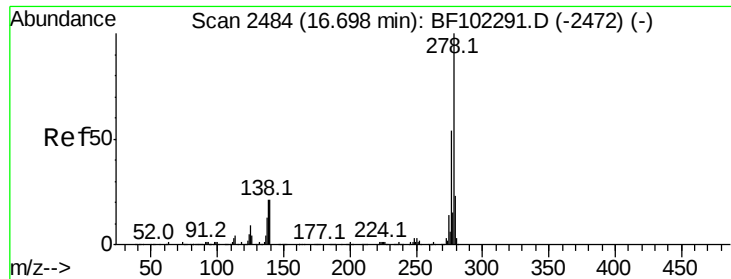
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	47.6	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 9.203 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.03 min
Lab File: BF102589.D
Acq: 29 Jan 2018 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	47.8	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 2.208 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.04 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

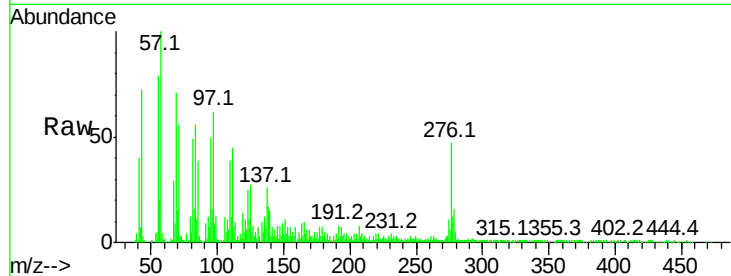
Tot Ion:278 Resp: 27325

Ion Ratio Lower Upper

278 100

139 91.8 15.9 23.9#

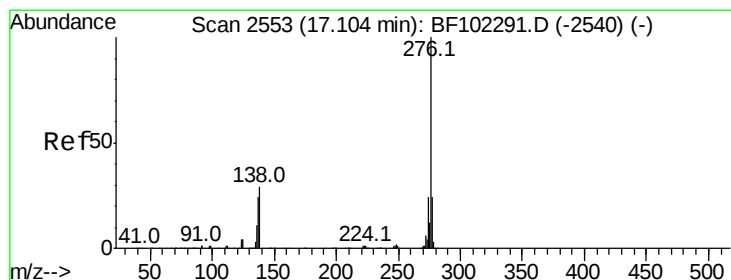
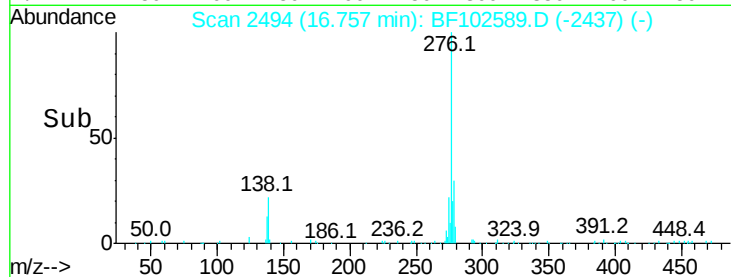
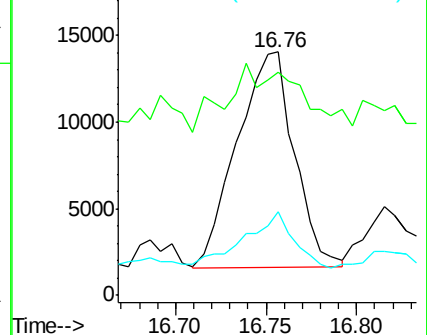
279 34.1 19.0 28.4#



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: 7.260 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.04 min

Lab File: BF102589.D

Acq: 29 Jan 2018 11:26

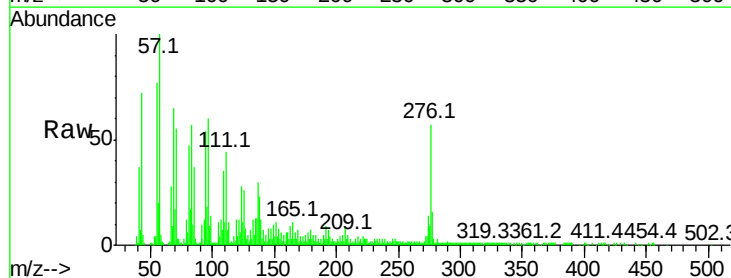
Tgt Ion:276 Resp: 88728

Ion Ratio Lower Upper

276 100

277 27.4 17.9 26.9#

138 40.3 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

