

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100535.D
 Acq On : 14 Nov 2017 9:53
 Operator : SJ/JU
 Sample : I6301-03DL 20X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 10:29:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 02:37:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128211	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	462734	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	174116	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	268616	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	266826	20.00	ng	-0.02
86) Perylene-d12	15.53	264	199363	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	49907	6.24	ng	-0.02
7) Phenol-d6	6.50	99	61627	6.25	ng	-0.02
23) Nitrobenzene-d5	7.45	82	32650	4.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.71	330	8734	4.92	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	61540	5.38	ng	-0.02
78) Terphenyl-d14	12.99	244	44526	3.83	ng	-0.02

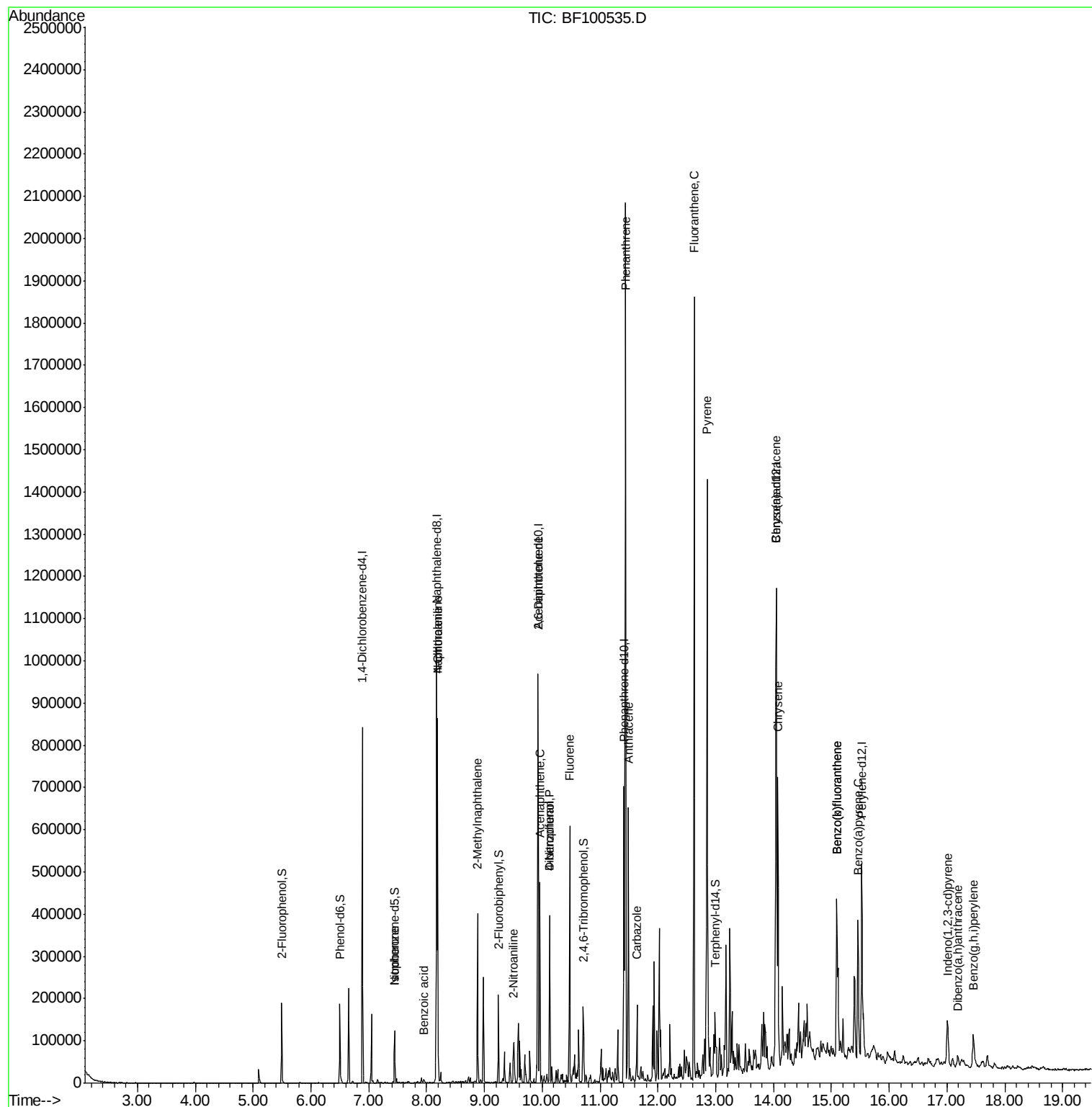
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.45	82	32649	2.220	ng	# 64
31) Naphthalene	8.19	128	331965	14.895	ng	99
32) Benzoic acid	7.95	122	394	9.434	ng	# 24
33) 4-Chloroaniline	8.19	127	42672	4.600	ng	# 33
37) 2-Methylnaphthalene	8.88	142	105667	7.141	ng	99
47) 2-Nitroaniline	9.50	65	650	2.974	ng	# 2
50) 2,6-Dinitrotoluene	9.93	165	24160	9.181	ng	# 25
51) Acenaphthene	9.96	154	89451	8.124	ng	100
54) Dibenzofuran	10.13	168	131513	8.522	ng	98
55) 4-Nitrophenol	10.13	139	46878	18.579	ng	# 10
57) Fluorene	10.47	166	165551	14.643	ng	99
70) Phenanthrene	11.44	178	735356	51.994	ng	99
71) Anthracene	11.49	178	233471	16.271	ng	99
72) Carbazole	11.64	167	62858	4.748	ng	98
74) Fluoranthene	12.63	202	705211	47.049	ng	97
77) Pyrene	12.86	202	586664	30.844	ng	99
80) Benzo(a)anthracene	14.04	228	305121	18.989	ng	99
82) Chrysene	14.07	228	236171	15.178	ng	97
85) Indeno(1,2,3-cd)pyrene	17.01	276	68685	5.457	ng	# 93
87) Benzo(b)fluoranthene	15.09	252	297661	25.202	ng	100
88) Benzo(k)fluoranthene	15.09	252	297661	26.672	ng	98
89) Benzo(a)pyrene	15.46	252	149204	14.249	ng	98
90) Dibenz(a,h)anthracene	17.19	278	17815	2.080	ng	96
91) Benzo(g,h,i)perylene	17.46	276	62773	7.489	ng	93

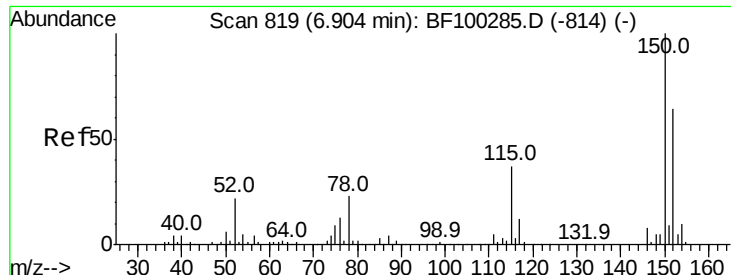
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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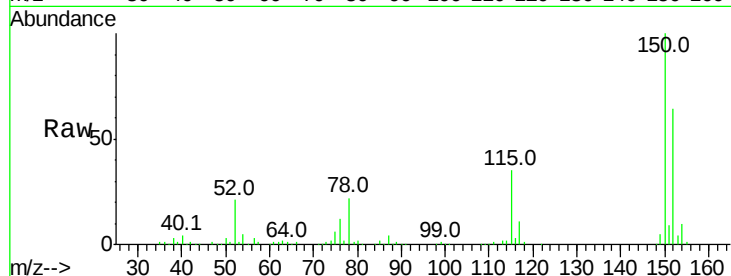


#1

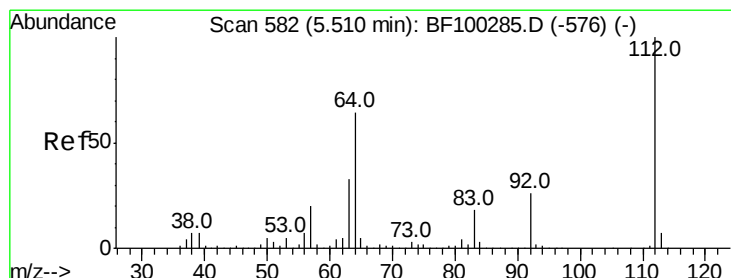
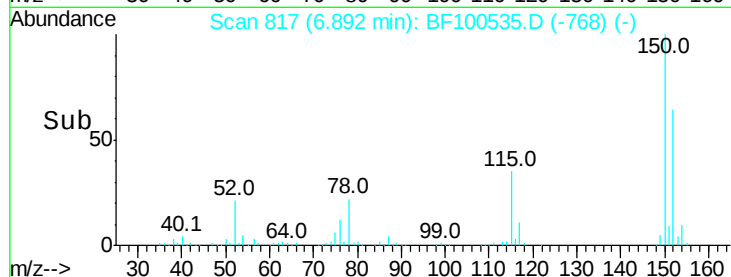
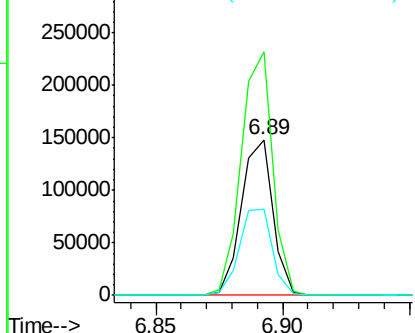
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100535.D
Acq: 14 Nov 2017 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	55.4	50.1	75.1



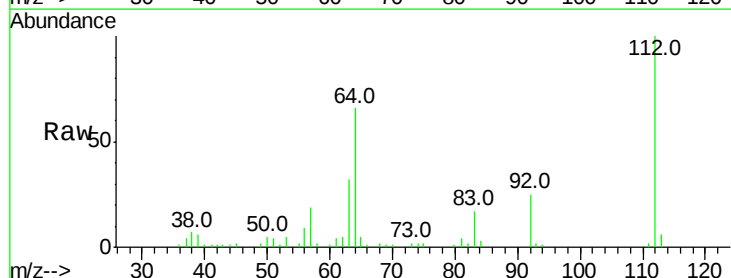
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



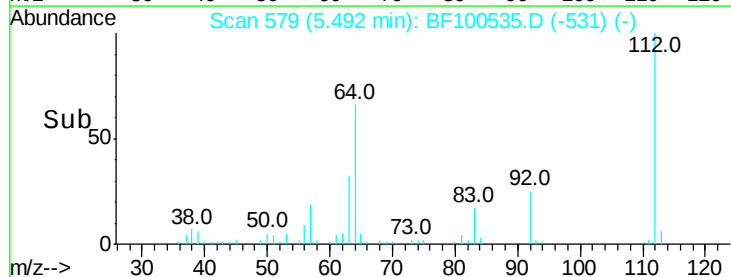
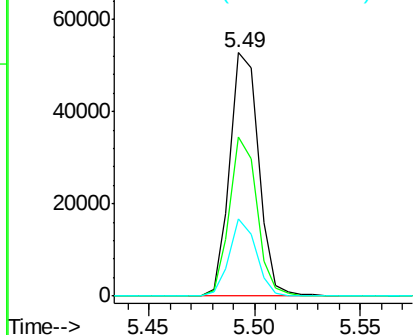
#5

2-Fluorophenol
Concen: 6.240 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF100535.D
Acq: 14 Nov 2017 9:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	31.8	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: 6.248 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampleId :

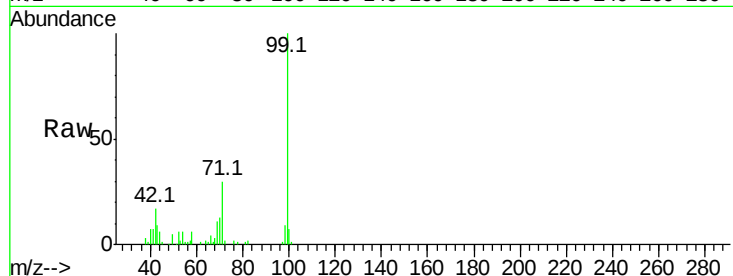
Tot Ion: 99 Resp: 61627

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

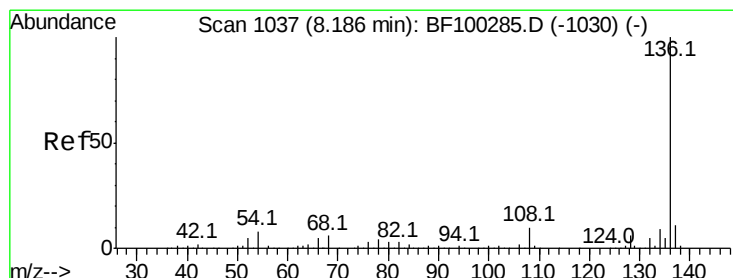
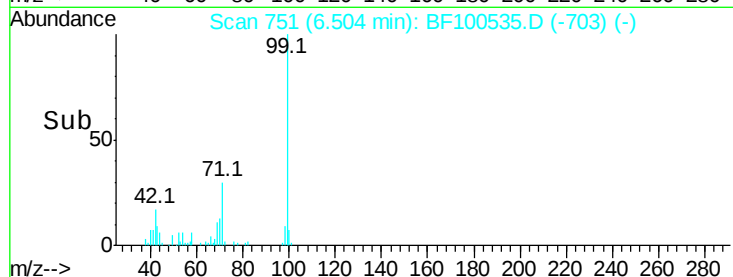
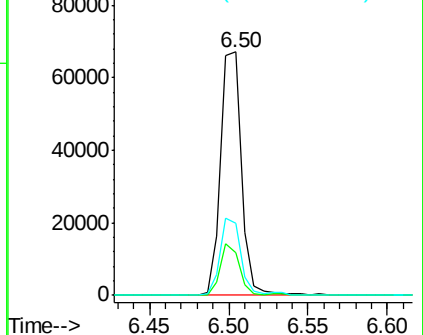
71 29.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Tgt Ion: 136 Resp: 462734

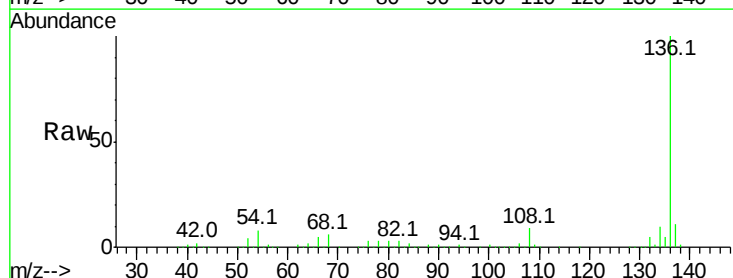
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.7 6.6 9.8

68 5.9 5.0 7.4

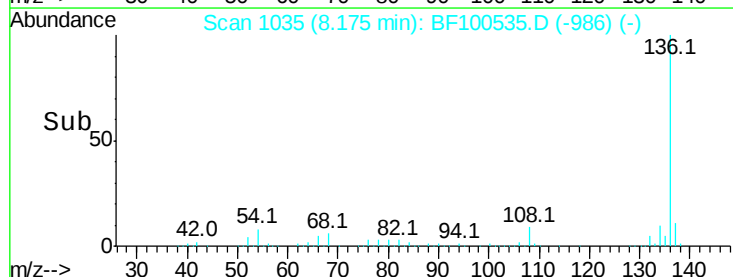
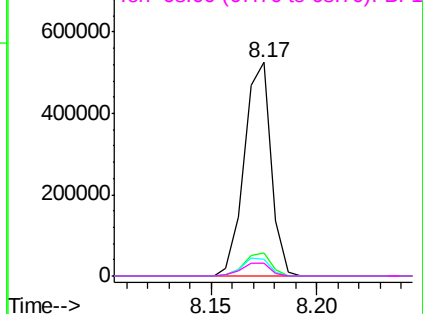


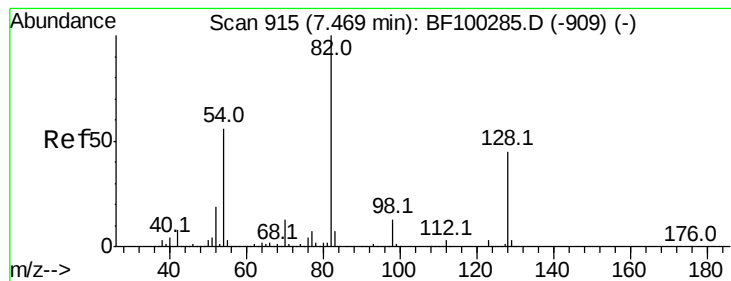
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.665 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampled :

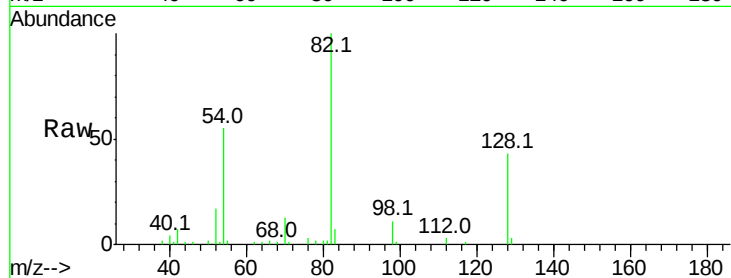
Tot Ion: 82 Resp: 32650

Ion Ratio Lower Upper

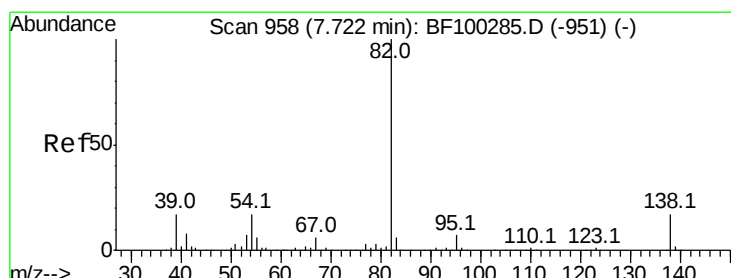
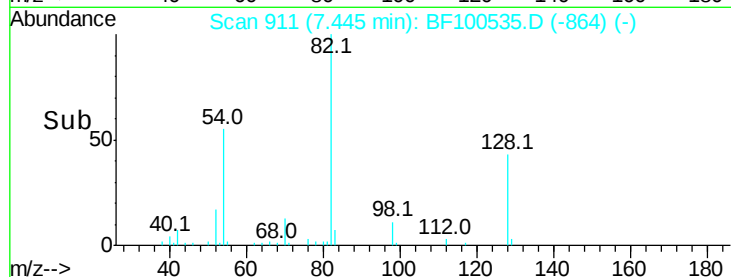
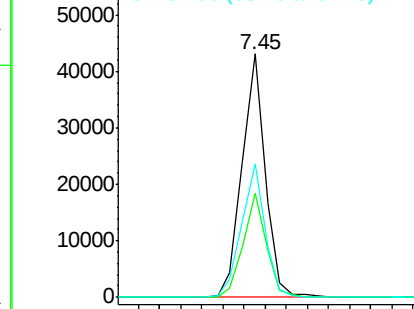
82 100

128 42.6 36.1 54.1

54 54.7 41.4 62.2



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



#25

Isophorone

Concen: 2.220 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.28 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

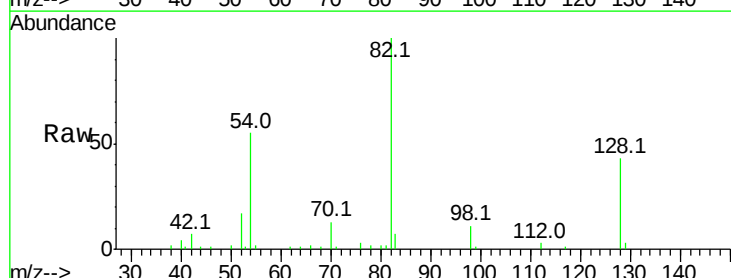
Tgt Ion: 82 Resp: 32649

Ion Ratio Lower Upper

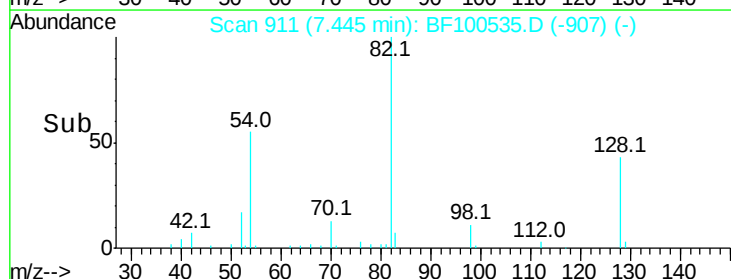
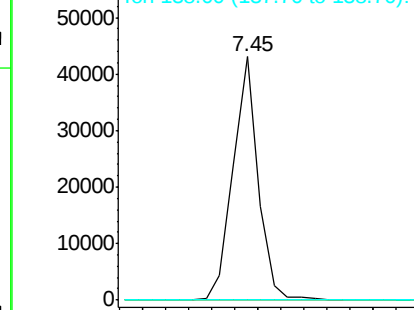
82 100

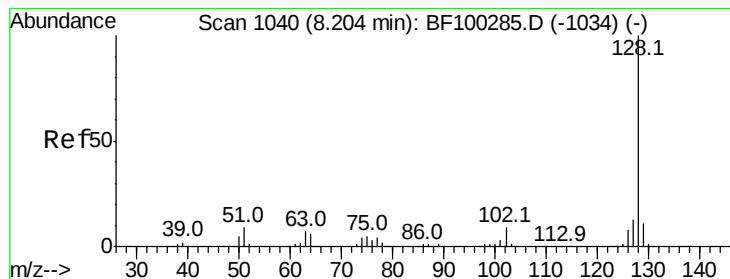
95 0.0 5.2 7.8#

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: 14.895 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampleId :

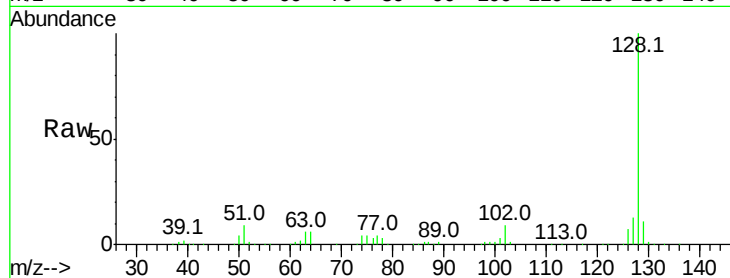
Tot Ion:128 Resp: 331965

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

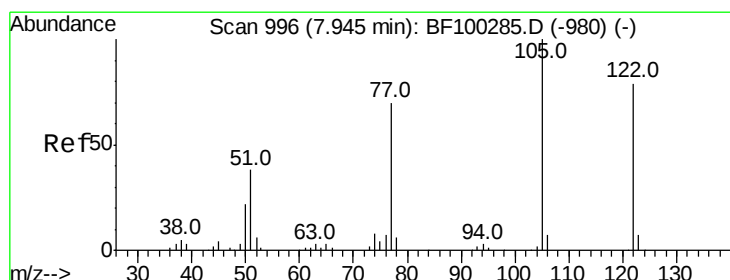
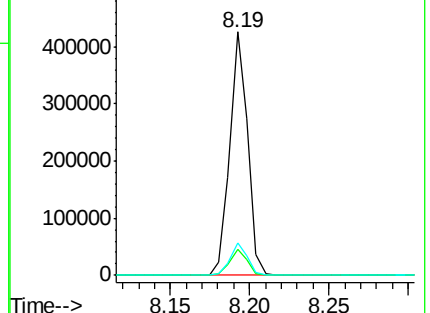
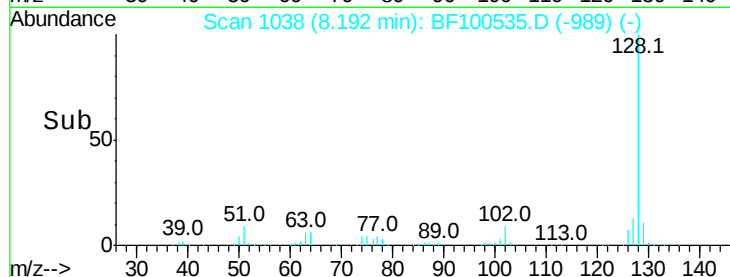
127 13.1 10.9 16.3



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: 9.434 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

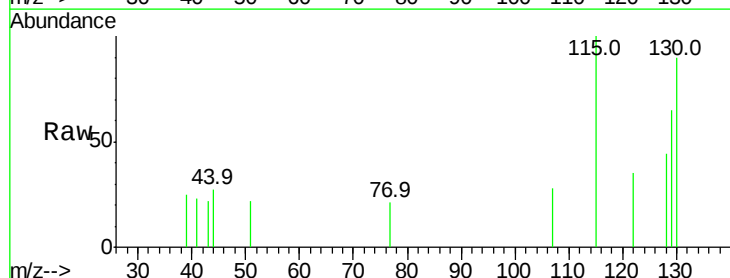
Tgt Ion:122 Resp: 394

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

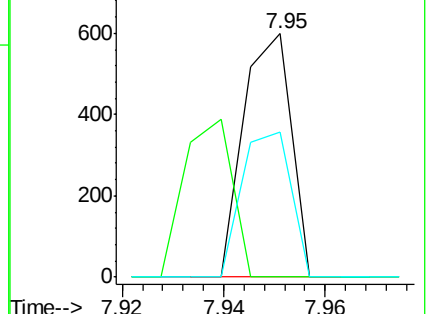
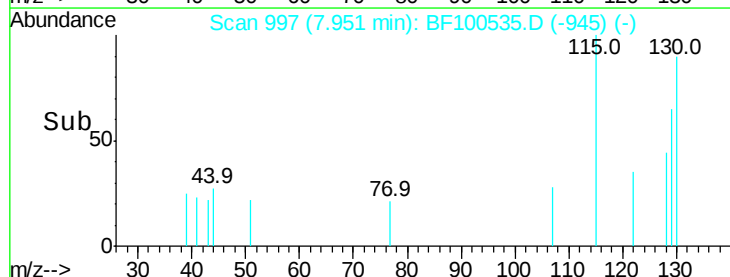
77 59.8 70.7 110.7#

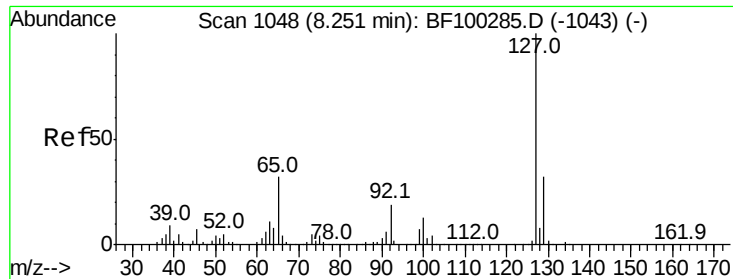


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

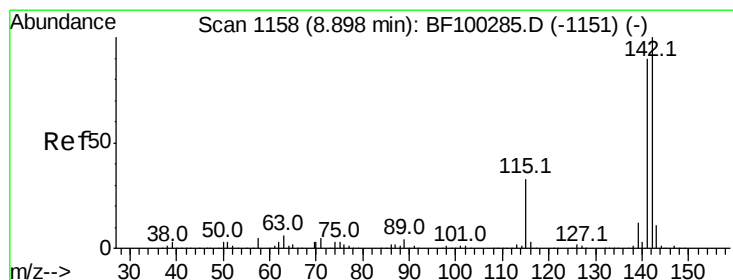
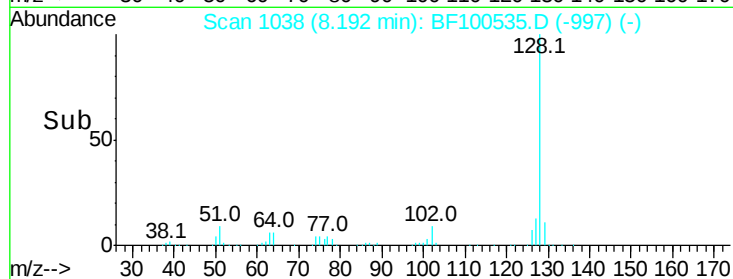
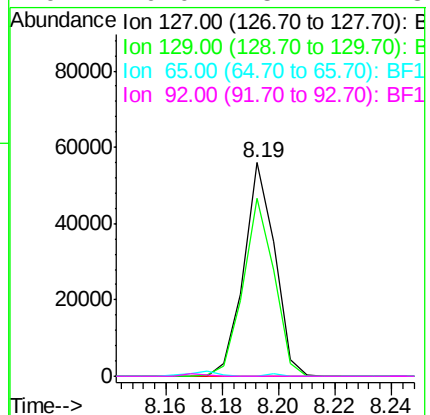
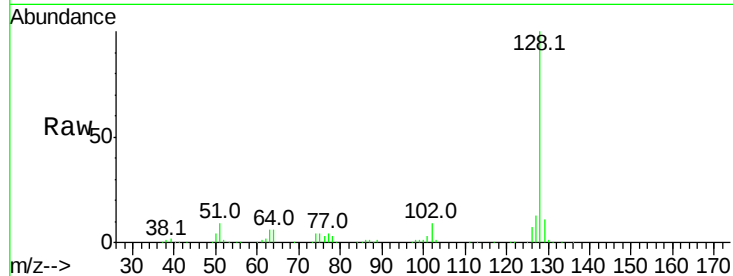




#33
4-Chloroaniline
Concen: 4.600 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF100535.D
Acq: 14 Nov 2017 9:53

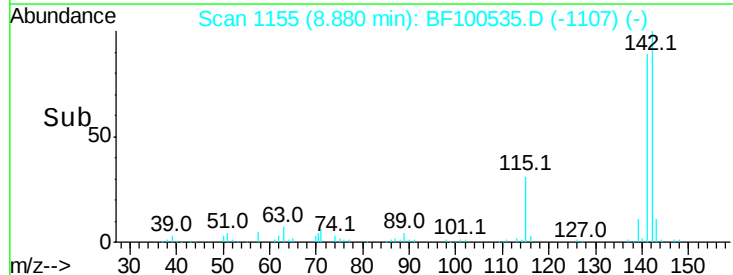
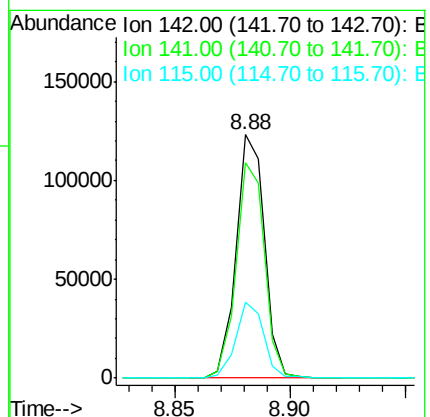
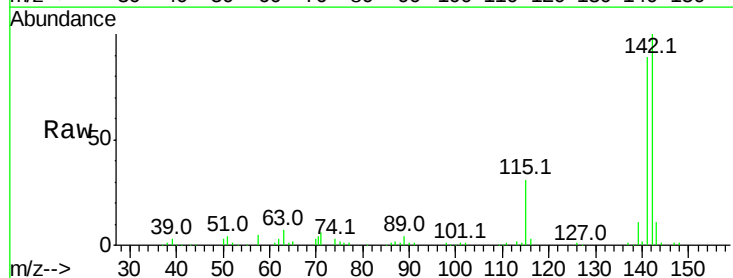
Instrument :
BNA_F
ClientSampleId :

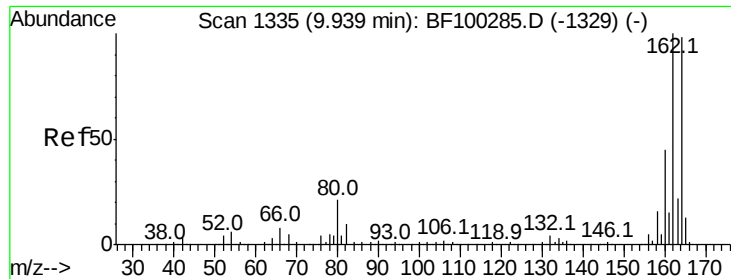
Tot Ion:127 Resp: 42672
Ion Ratio Lower Upper
127 100
129 83.1 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#37
2-Methylnaphthalene
Concen: 7.141 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF100535.D
Acq: 14 Nov 2017 9:53

Tgt Ion:142 Resp: 105667
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 31.0 26.1 39.1

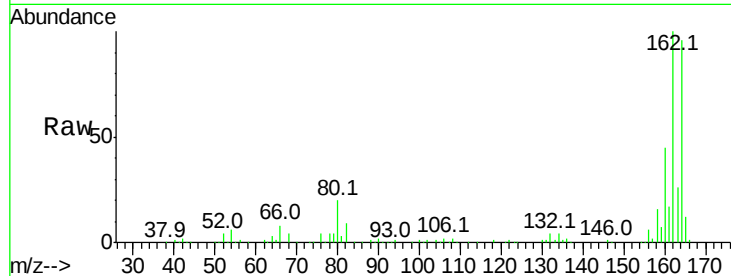




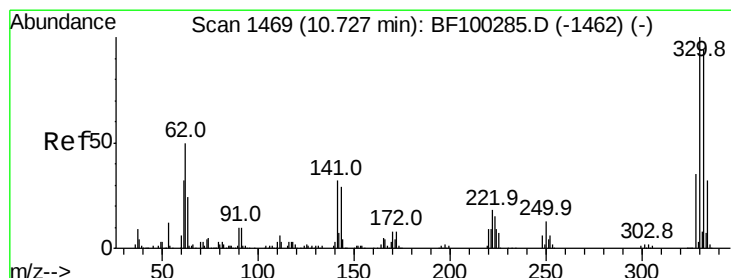
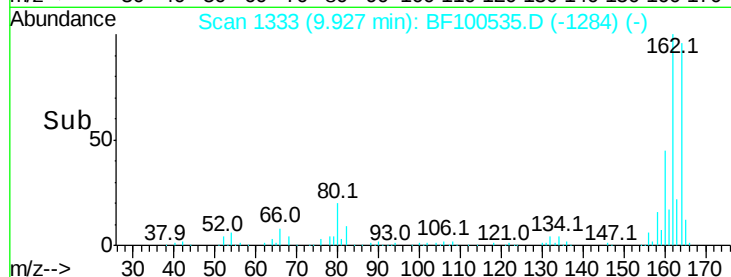
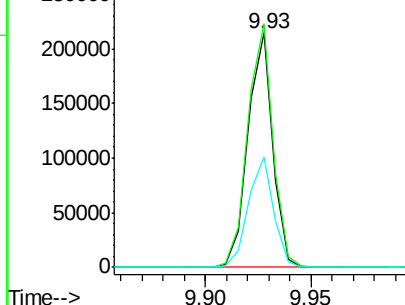
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100535.D
Acq: 14 Nov 2017 9:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 174116
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 47.2 38.3 57.5

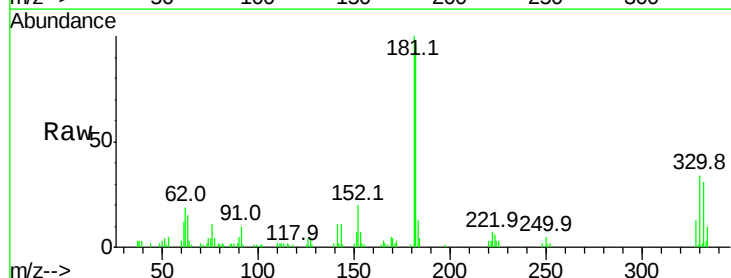


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

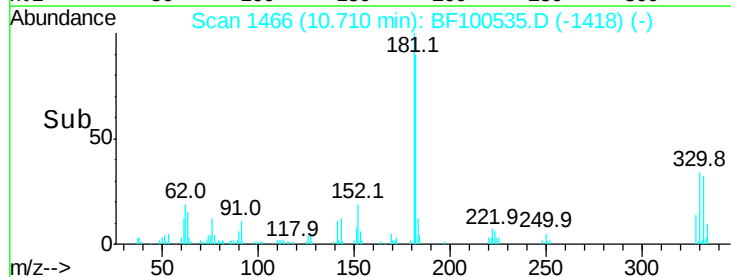
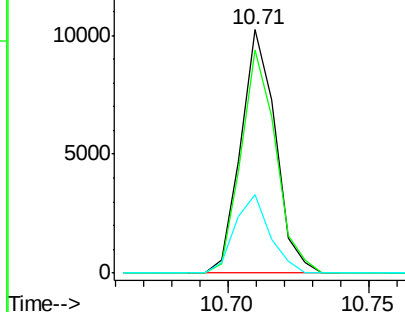


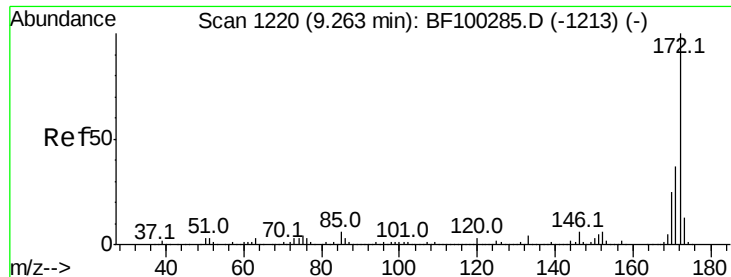
#41
2,4,6-Tribromophenol
Concen: 4.923 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF100535.D
Acq: 14 Nov 2017 9:53

Tgt Ion:330 Resp: 8734
Ion Ratio Lower Upper
330 100
332 92.0 77.0 115.6
141 32.8 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

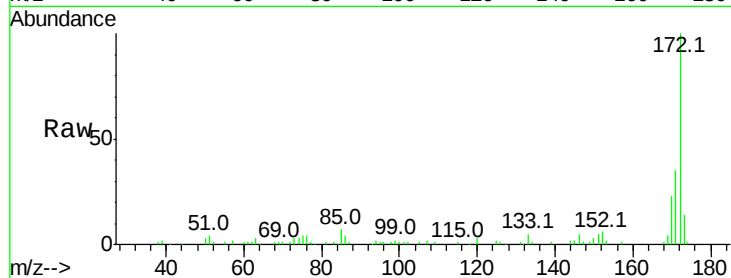




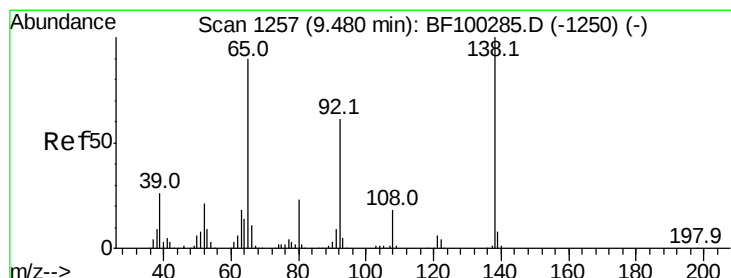
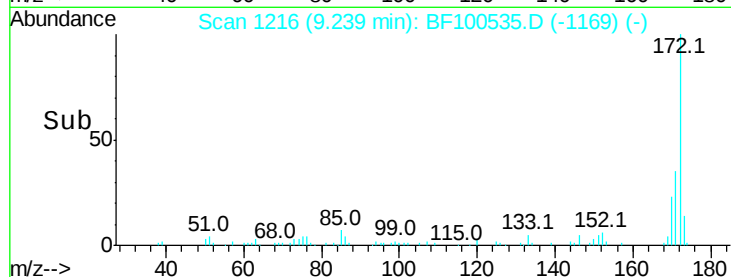
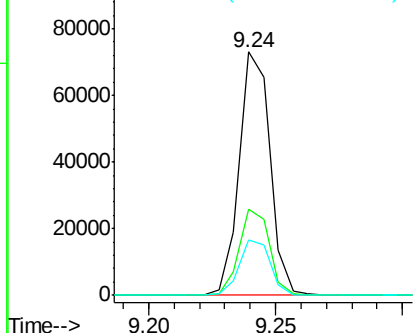
#44
 2-Fluorobiphenyl
 Concen: 5.382 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF100535.D
 Acq: 14 Nov 2017 9:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.8	19.6	29.4

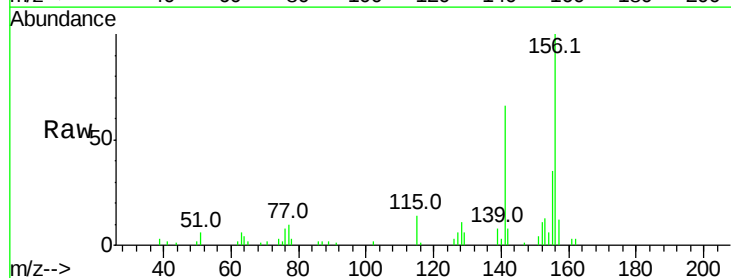


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

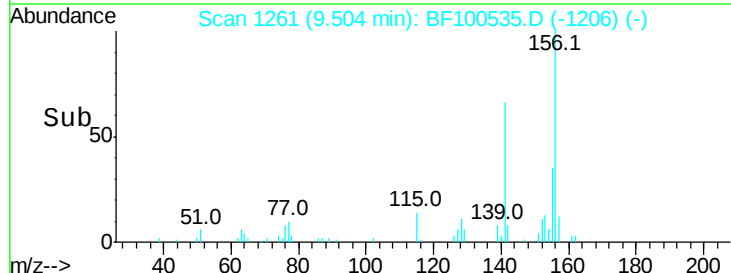
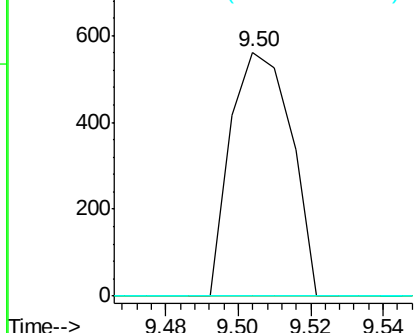


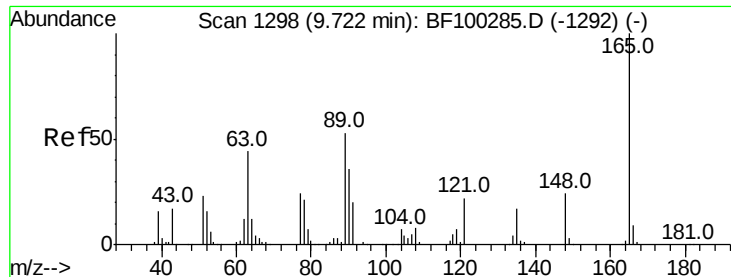
#47
 2-Nitroaniline
 Concen: 2.974 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. 0.02 min
 Lab File: BF100535.D
 Acq: 14 Nov 2017 9:53

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

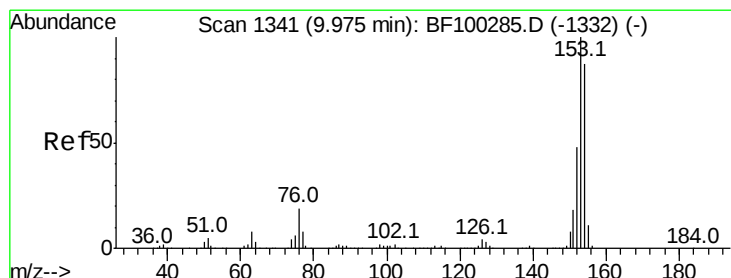
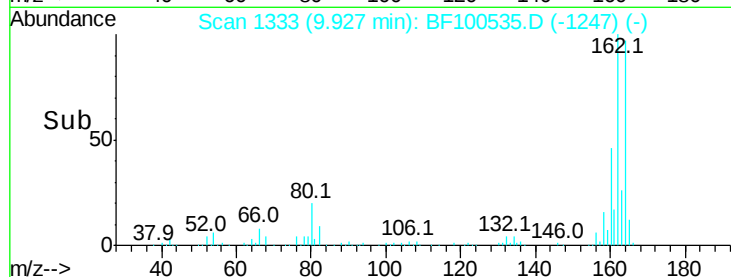
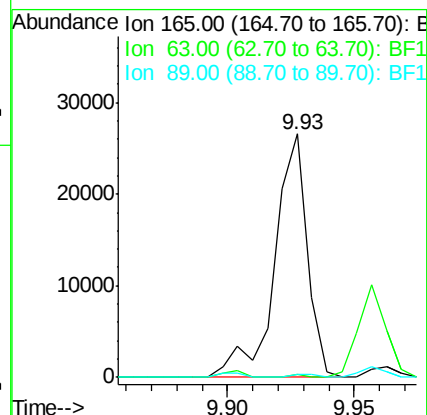
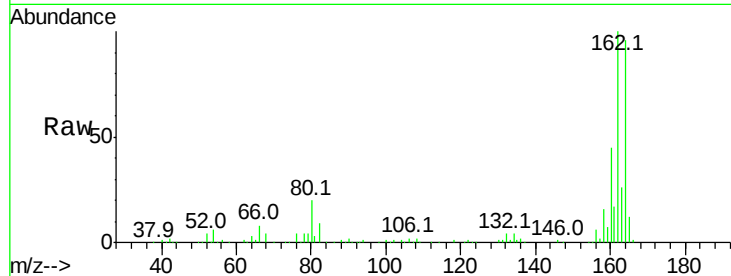




#50
 2,6-Dinitrotoluene
 Concen: 9.181 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.21 min
 Lab File: BF100535.D
 Acq: 14 Nov 2017 9:53

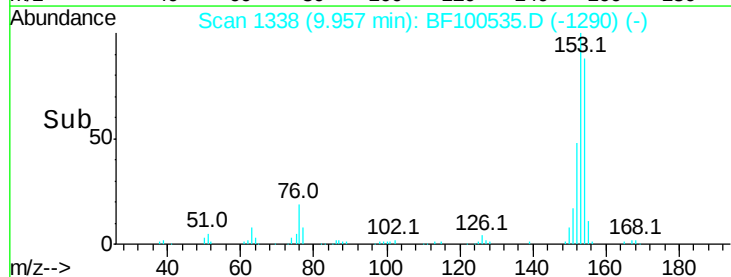
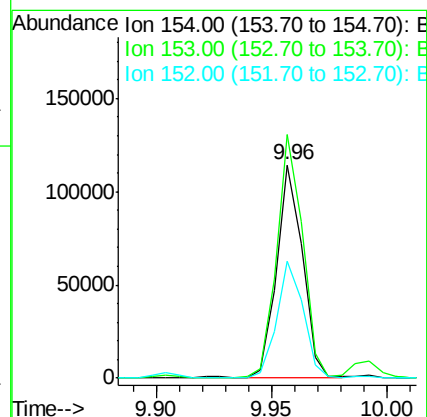
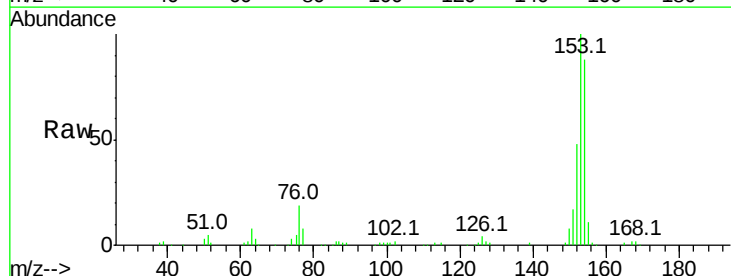
Instrument :
 BNA_F
 ClientSampleId :

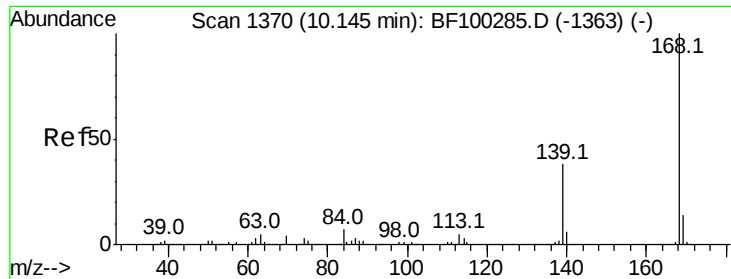
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



#51
 Acenaphthene
 Concen: 8.124 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.02 min
 Lab File: BF100535.D
 Acq: 14 Nov 2017 9:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	55.0	43.8	65.8





#54

Dibenzenofuran

Concen: 8.522 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampleId :

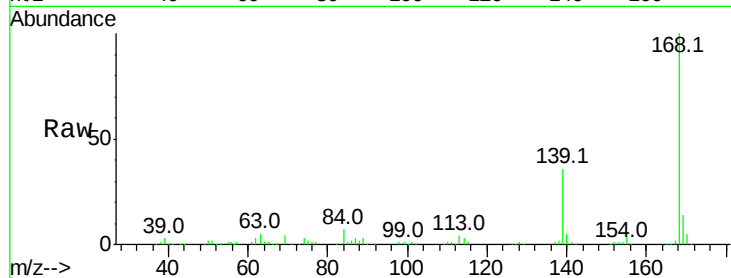
Tot Ion:168 Resp: 131513

Ion Ratio Lower Upper

168 100

139 36.4 30.1 45.1

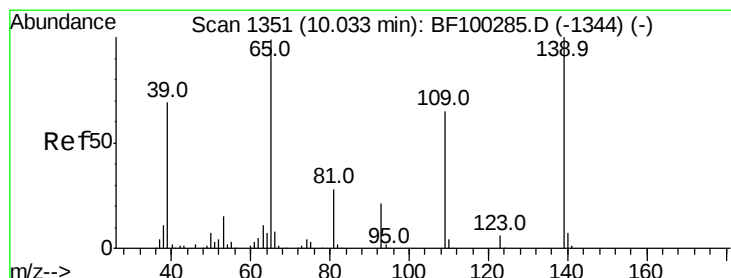
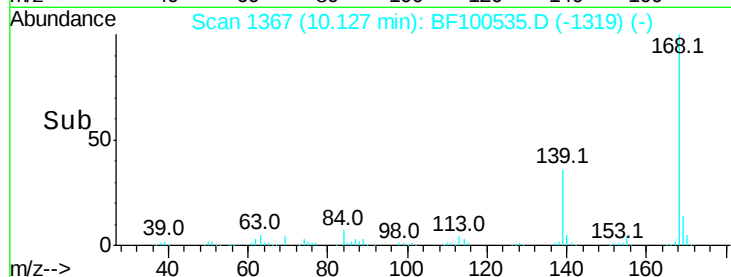
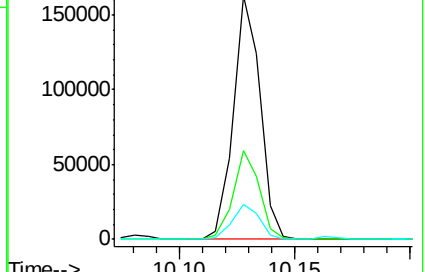
169 14.3 10.9 16.3



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: 18.579 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.09 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

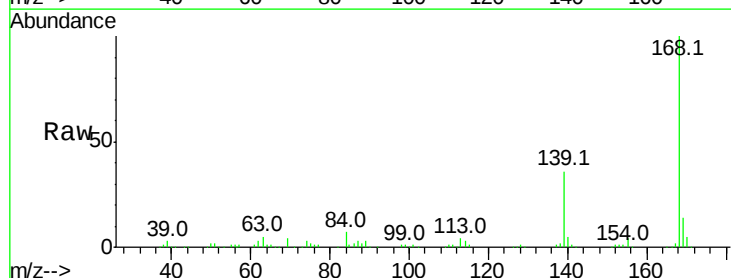
Tgt Ion:139 Resp: 46878

Ion Ratio Lower Upper

139 100

109 0.8 48.4 88.4#

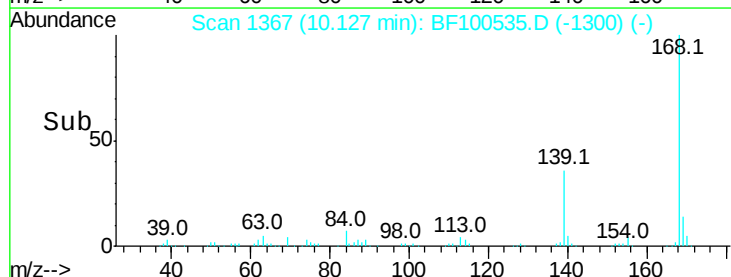
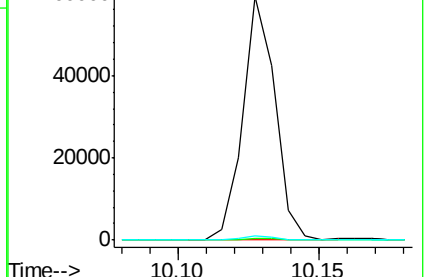
65 1.9 72.6 112.6#

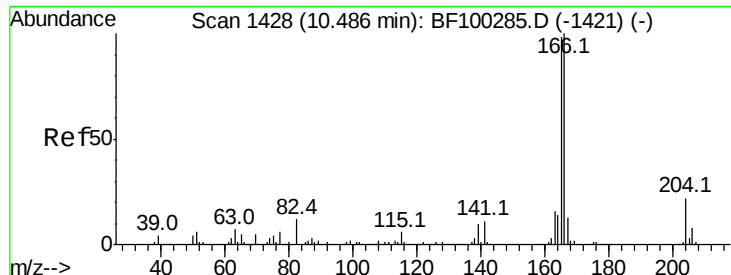


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

Fluorene

Concen: 14.643 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampleId :

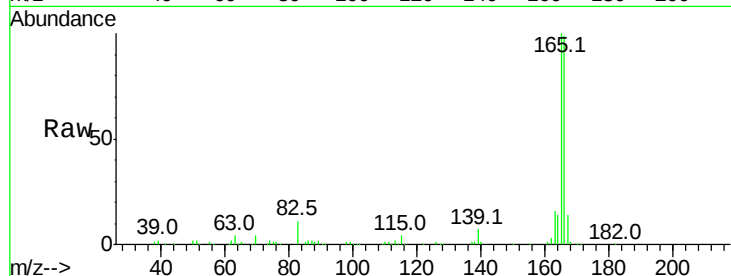
Tot Ion:166 Resp: 165551

Ion Ratio Lower Upper

166 100

165 100.8 79.8 119.8

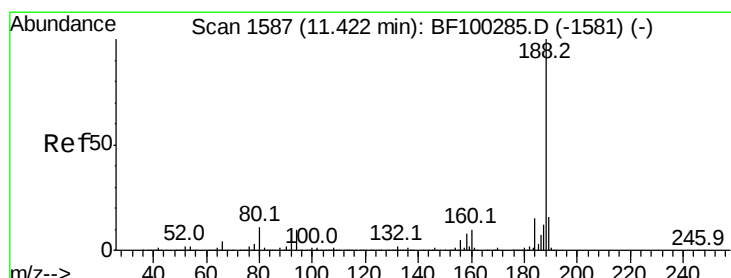
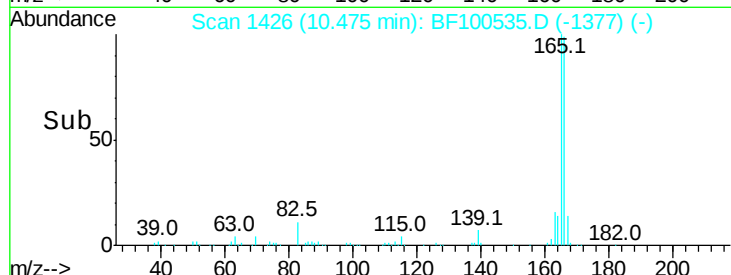
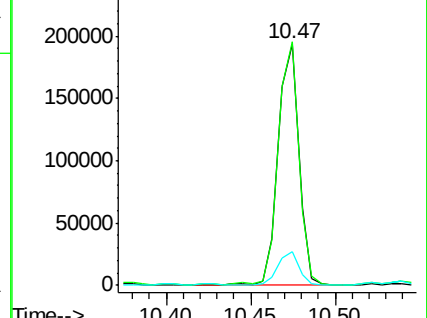
167 13.7 10.6 16.0



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

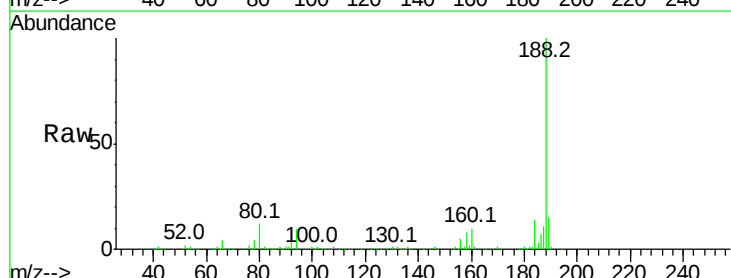
Tgt Ion:188 Resp: 268616

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

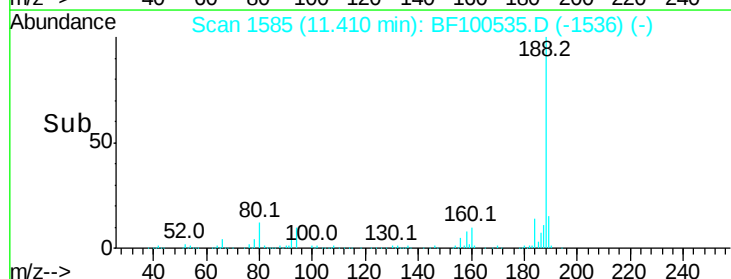
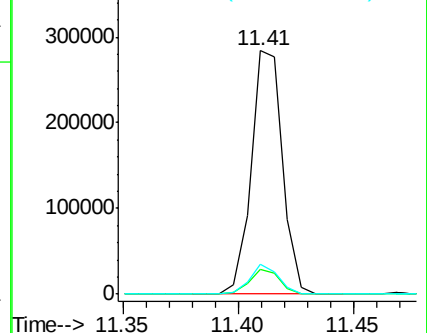
80 12.2 9.2 13.8

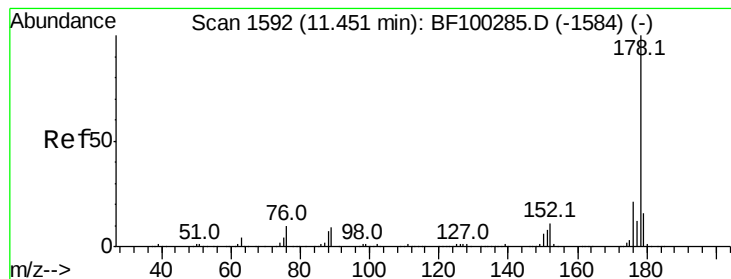


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 51.994 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampled :

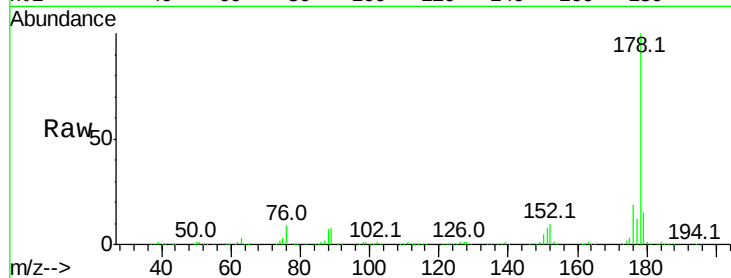
Tot Ion:178 Resp: 735356

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

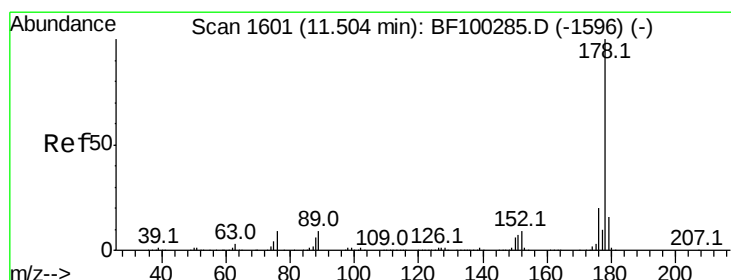
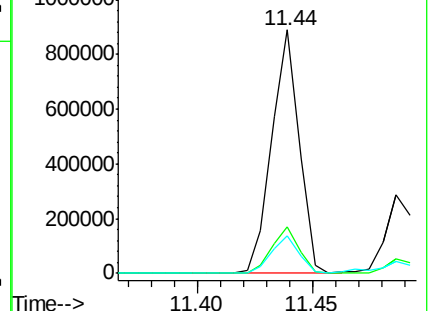
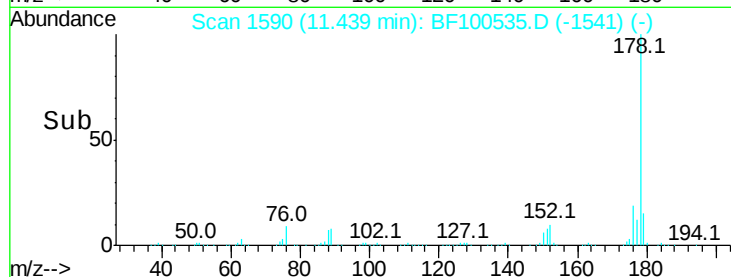
179 15.5 13.0 19.6



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: 16.271 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

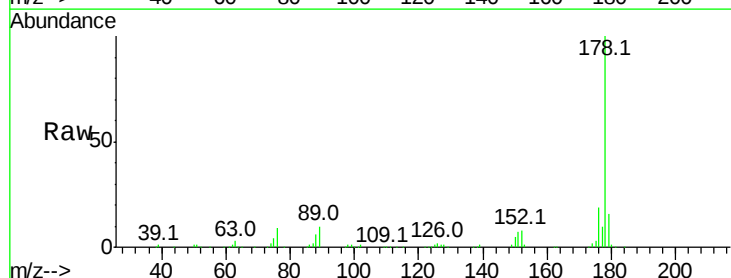
Tgt Ion:178 Resp: 233471

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

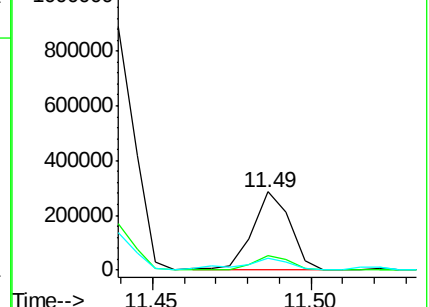
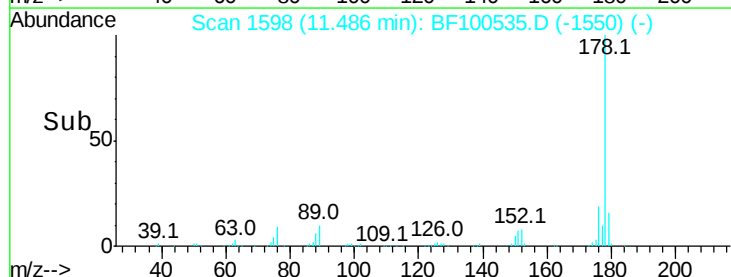
179 15.7 12.6 19.0

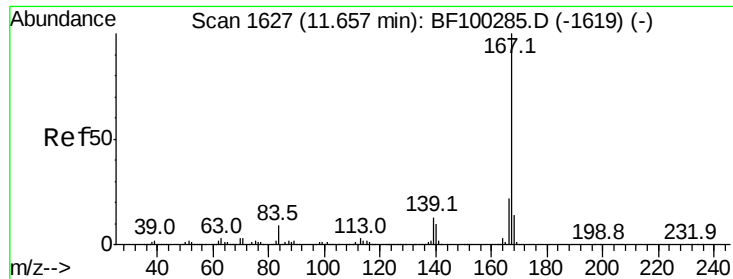


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.748 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampleId :

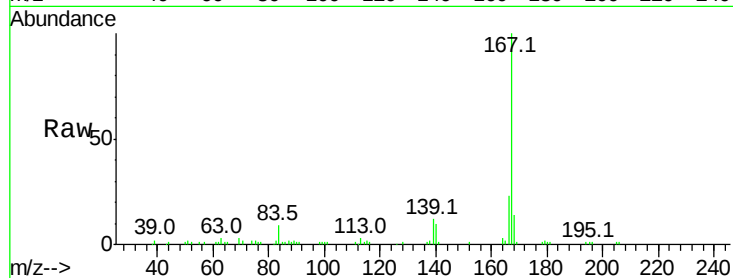
Tot Ion:167 Resp: 62858

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

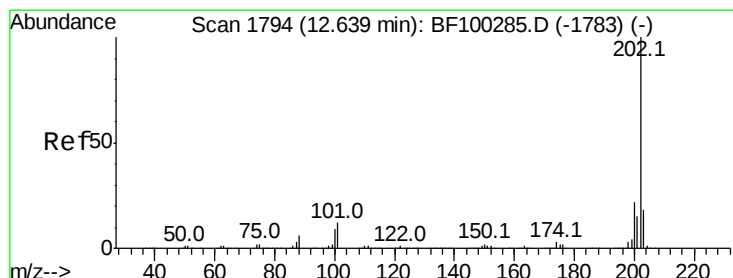
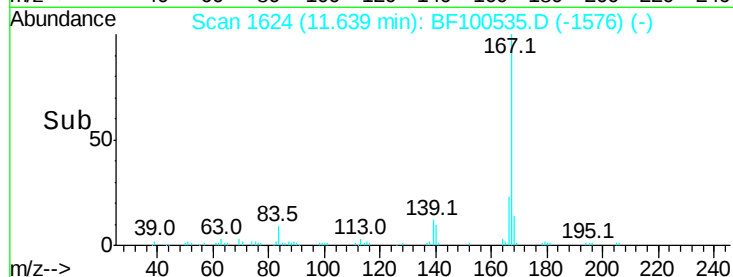
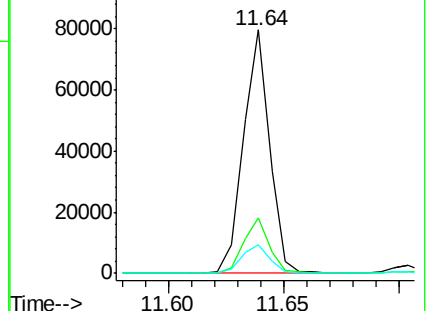
139 11.9 10.9 16.3



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: 47.049 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

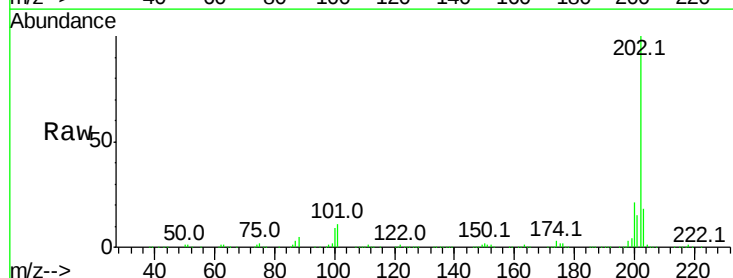
Tgt Ion:202 Resp: 705211

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

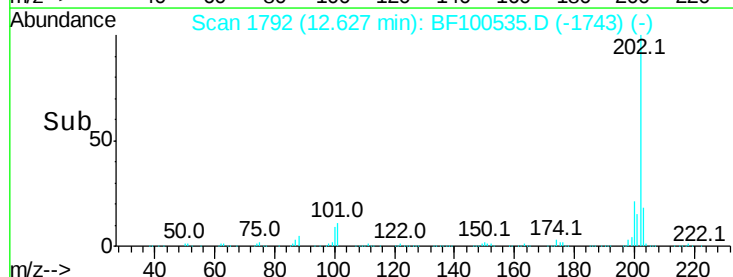
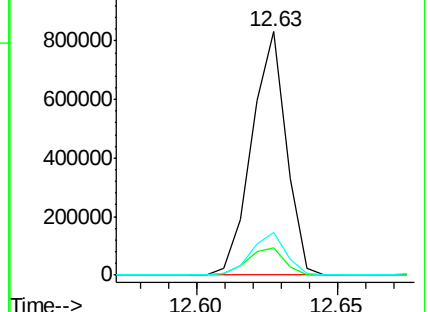
203 17.6 0.0 38.1

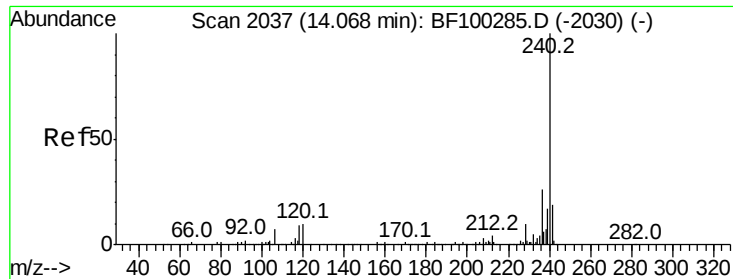


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampleId :

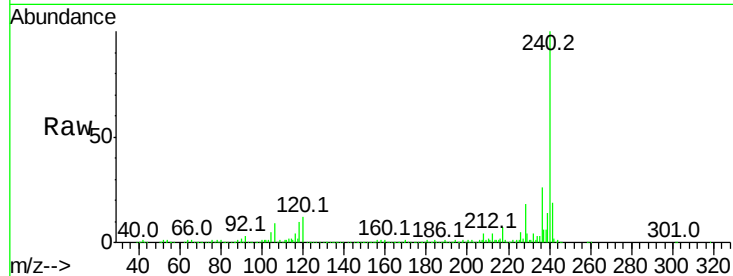
Tot Ion:240 Resp: 266826

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

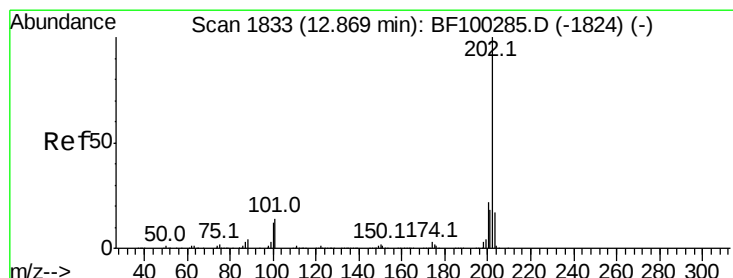
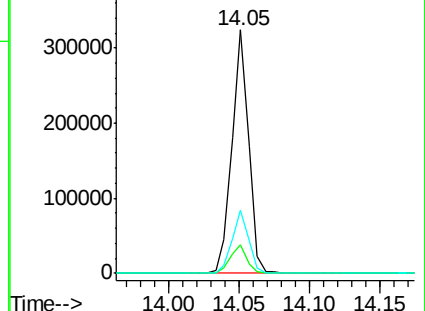
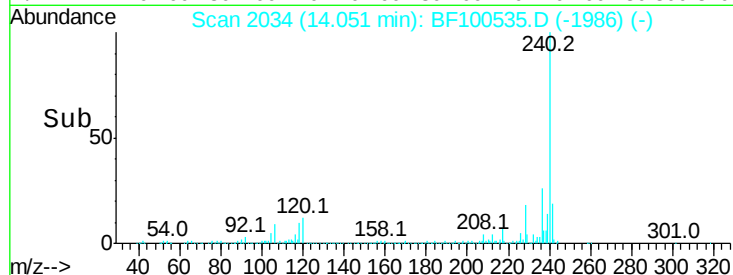
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 30.844 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

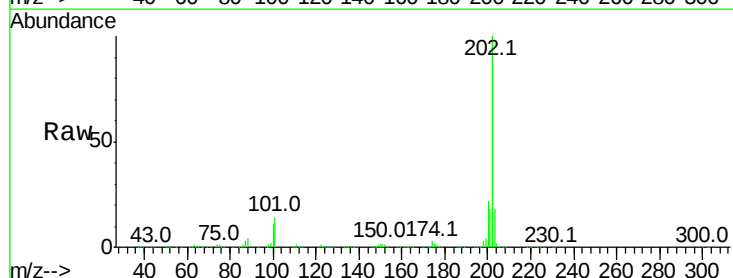
Tgt Ion:202 Resp: 586664

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

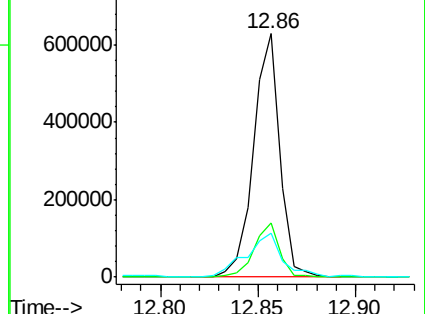
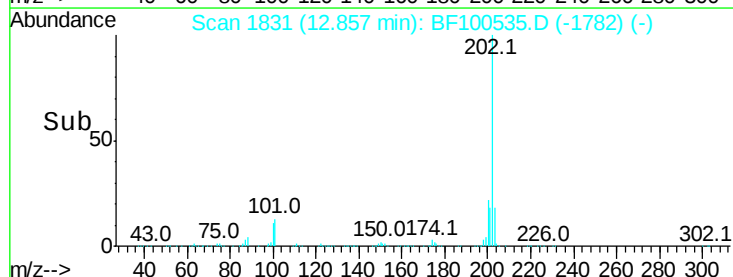
203 18.2 14.3 21.5

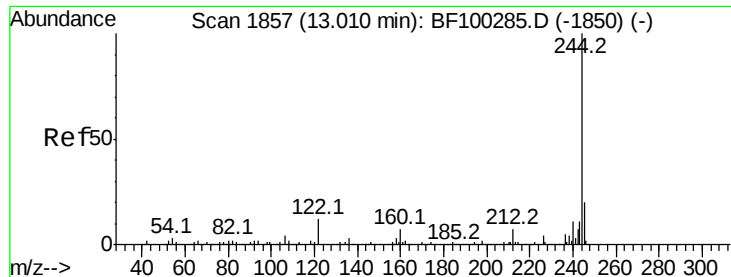


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 3.834 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampleId :

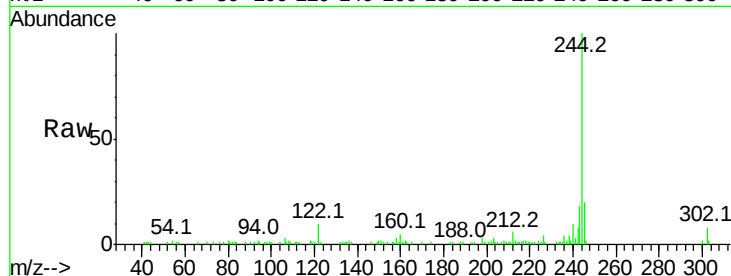
Tot Ion:244 Resp: 44526

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

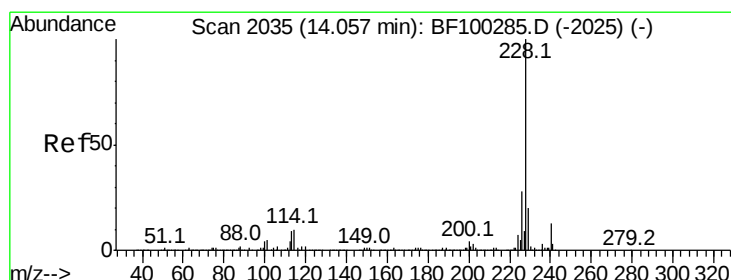
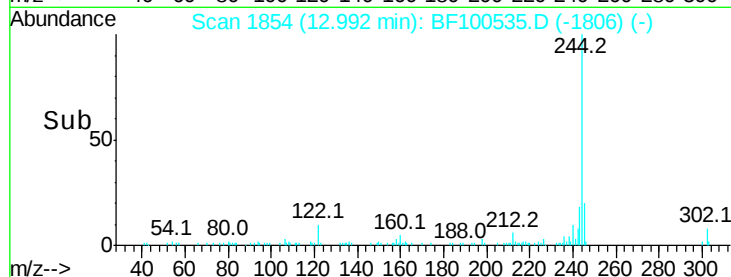
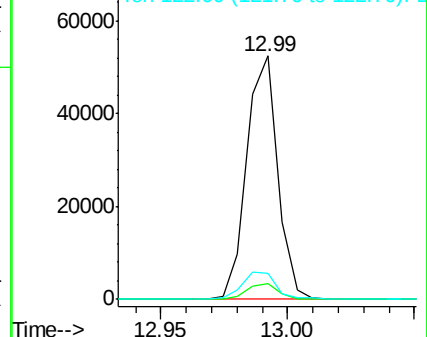
122 10.5 11.0 16.4#



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: 18.989 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

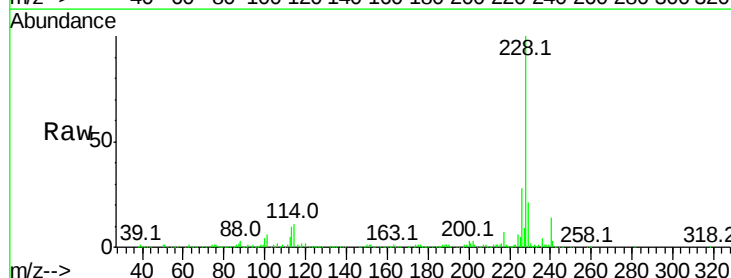
Tgt Ion:228 Resp: 305121

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

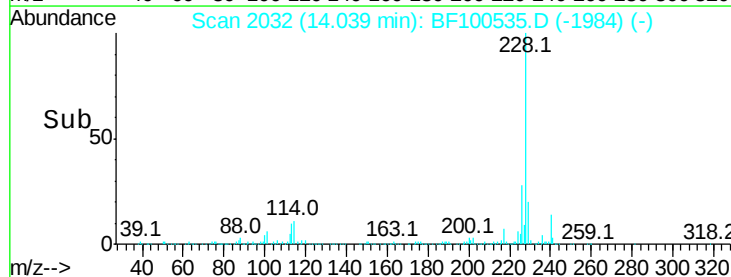
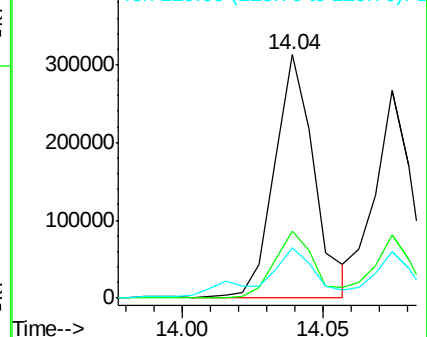
229 20.6 15.8 23.6

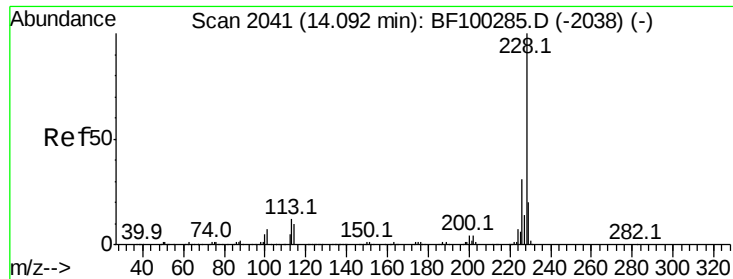


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 15.178 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Instrument :

BNA_F

ClientSampleId :

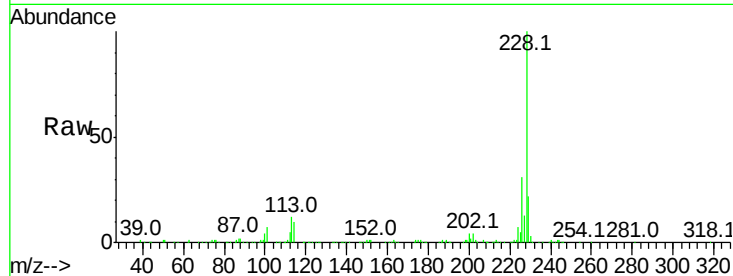
Tot Ion:228 Resp: 236171

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

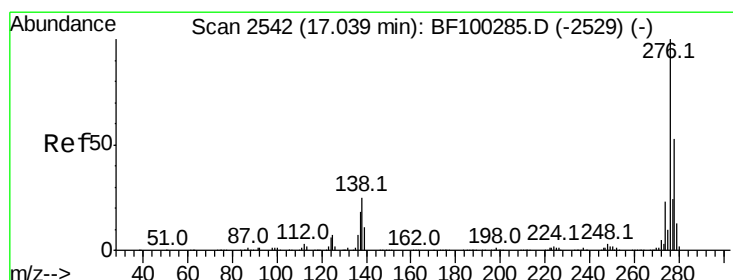
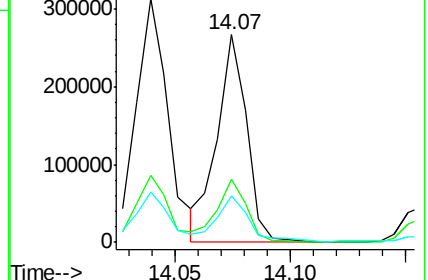
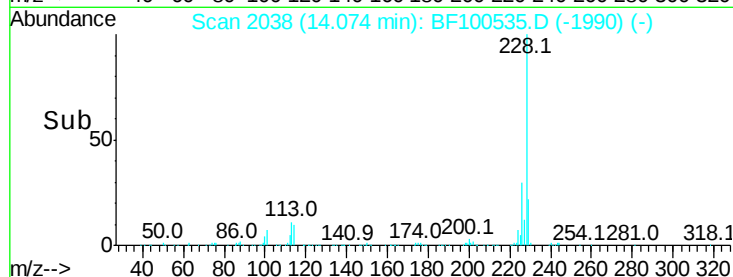
229 22.4 16.2 24.4



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: 5.457 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.03 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

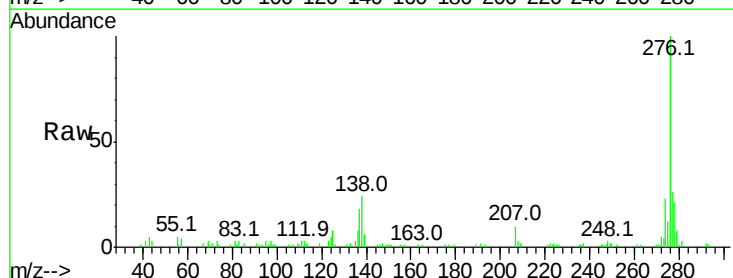
Tgt Ion:276 Resp: 68685

Ion Ratio Lower Upper

276 100

138 24.7 25.0 37.6#

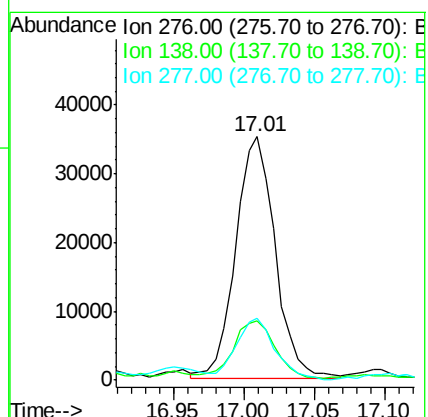
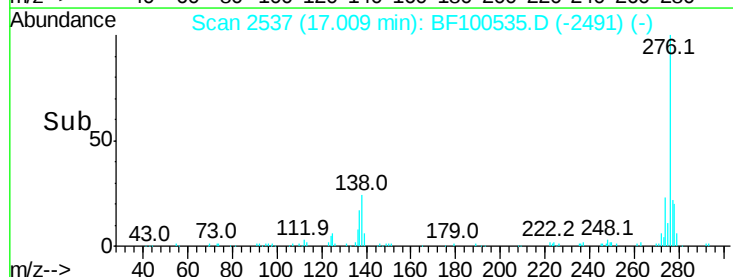
277 25.1 20.1 30.1

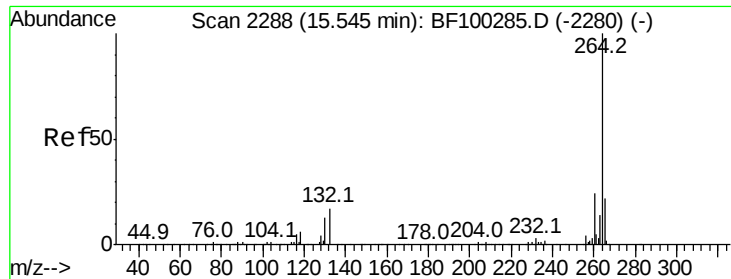


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

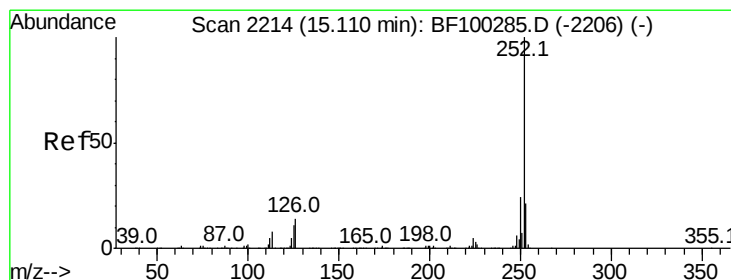
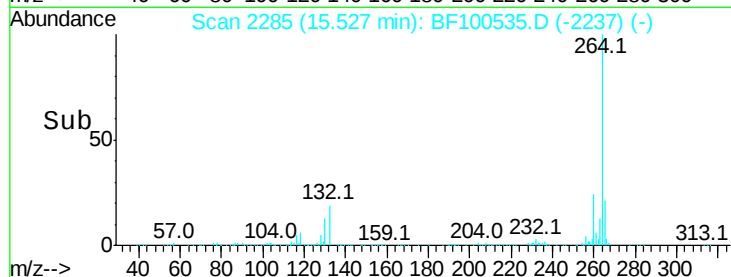
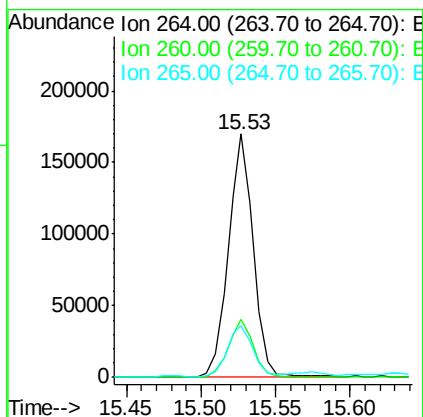
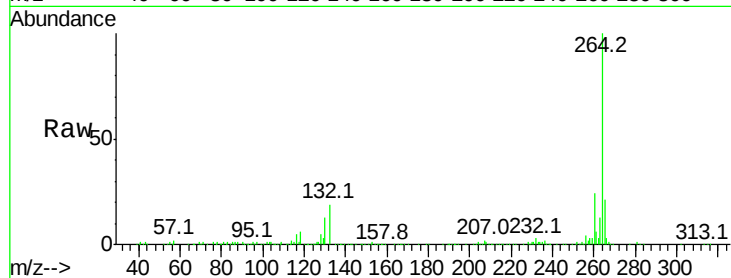




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BF100535.D
 Acq: 14 Nov 2017 9:53

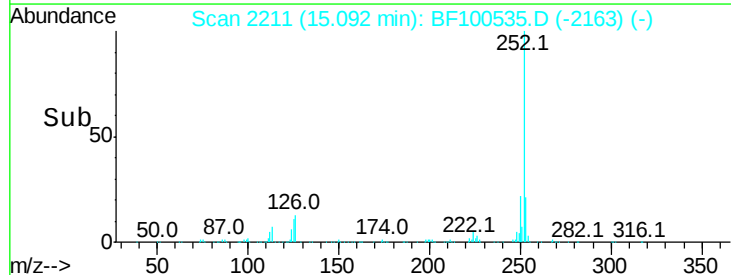
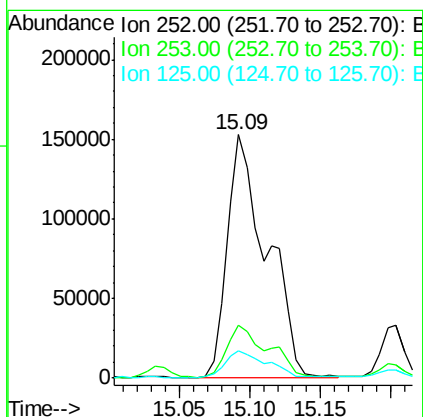
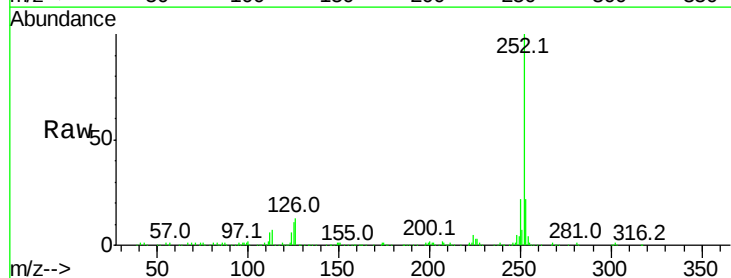
Instrument :
 BNA_F
 ClientSampleId :

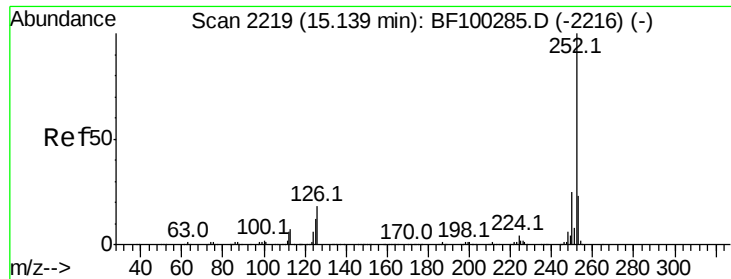
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3



#87
 Benzo(b)fluoranthene
 Concen: 25.202 ng
 RT: 15.09 min Scan# 2211
 Delta R.T. -0.02 min
 Lab File: BF100535.D
 Acq: 14 Nov 2017 9:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	11.3	9.0	13.6

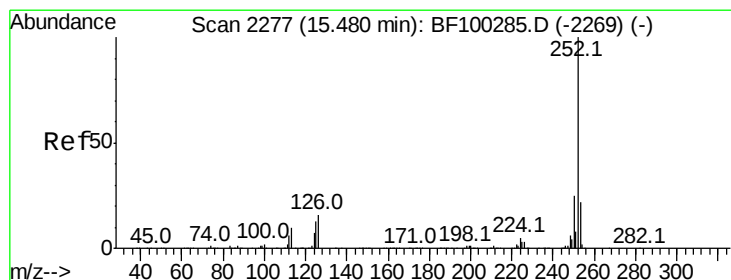
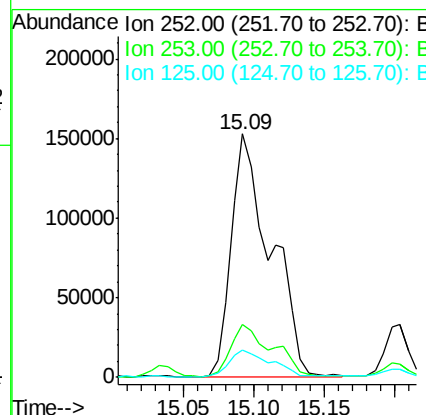
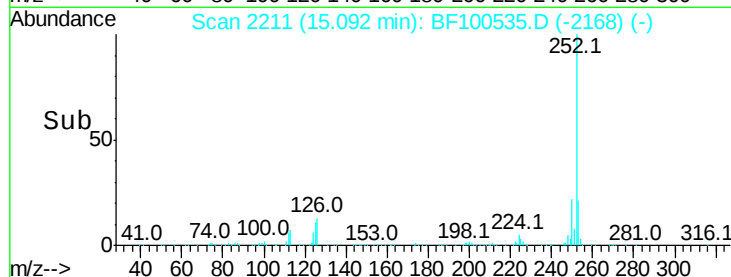
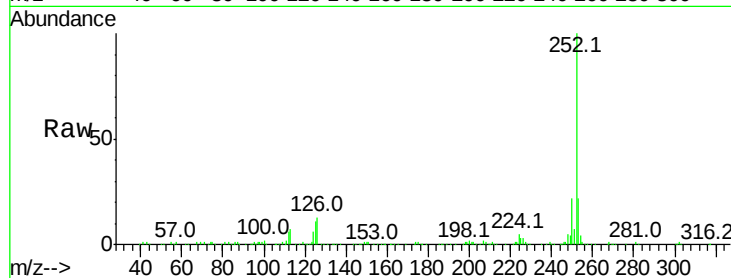




#88
Benzo(k)fluoranthene
Concen: 26.672 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.05 min
Lab File: BF100535.D
Acq: 14 Nov 2017 9:53

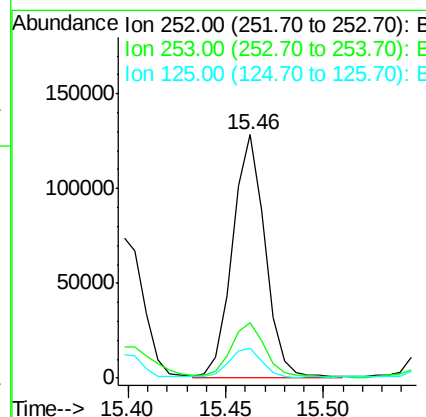
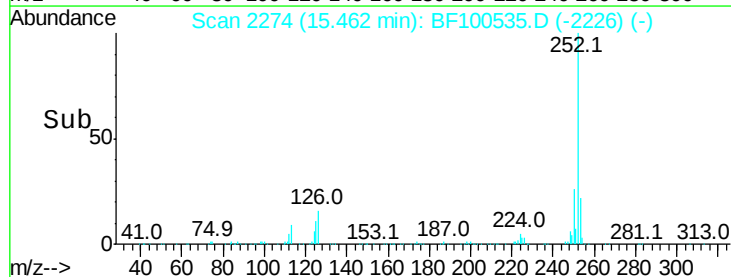
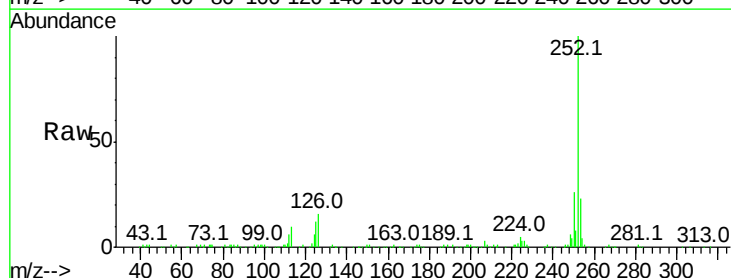
Instrument :
BNA_F
ClientSampleId :

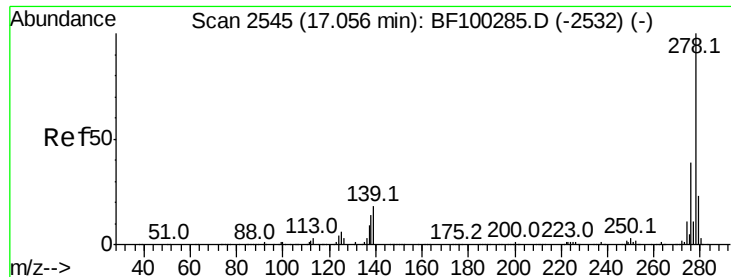
Tot Ion:252 Resp: 297661
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.3 10.2 15.2



#89
Benzo(a)pyrene
Concen: 14.249 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF100535.D
Acq: 14 Nov 2017 9:53

Tgt Ion:252 Resp: 149204
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 12.0 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.080 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.14 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

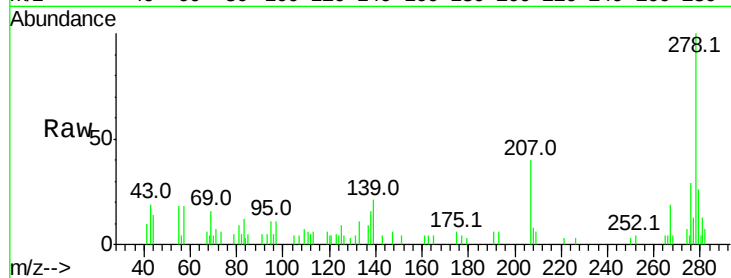
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 17815

Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	26.4	19.0	28.4

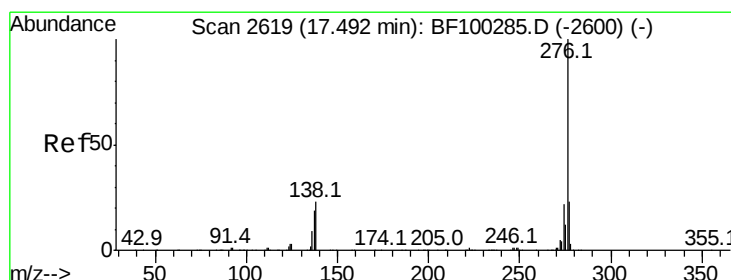
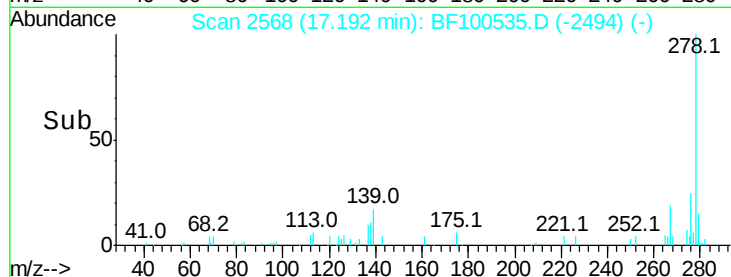
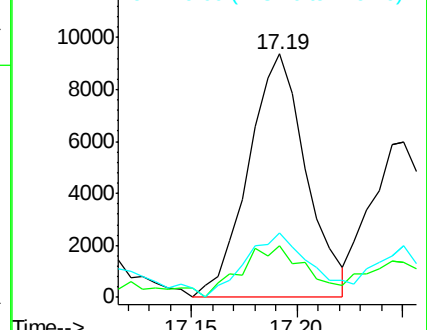


Abundance

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: 7.489 ng

RT: 17.46 min Scan# 2614

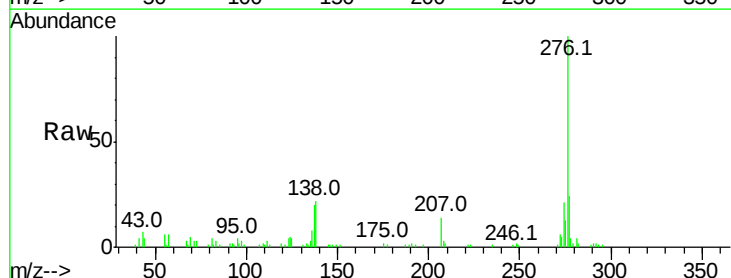
Delta R.T. -0.03 min

Lab File: BF100535.D

Acq: 14 Nov 2017 9:53

Tgt Ion:276 Resp: 62773

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	22.0	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

