

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
 Data File : BF100630.D
 Acq On : 16 Nov 2017 15:04
 Operator : SJ/JU
 Sample : I6305-03 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-111317-A

Quant Time: Nov 16 15:33:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	107544	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	420559	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	192352	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	331280	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	205238	20.00	ng	-0.03
86) Perylene-d12	15.52	264	246136	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	74865	11.16	ng	-0.02
7) Phenol-d6	6.49	99	97628	11.80	ng	-0.03
23) Nitrobenzene-d5	7.43	82	57027	8.96	ng	-0.04
41) 2,4,6-Tribromophenol	10.70	330	11946	6.09	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	127269	10.07	ng	-0.03
78) Terphenyl-d14	12.98	244	89825	10.06	ng	-0.03

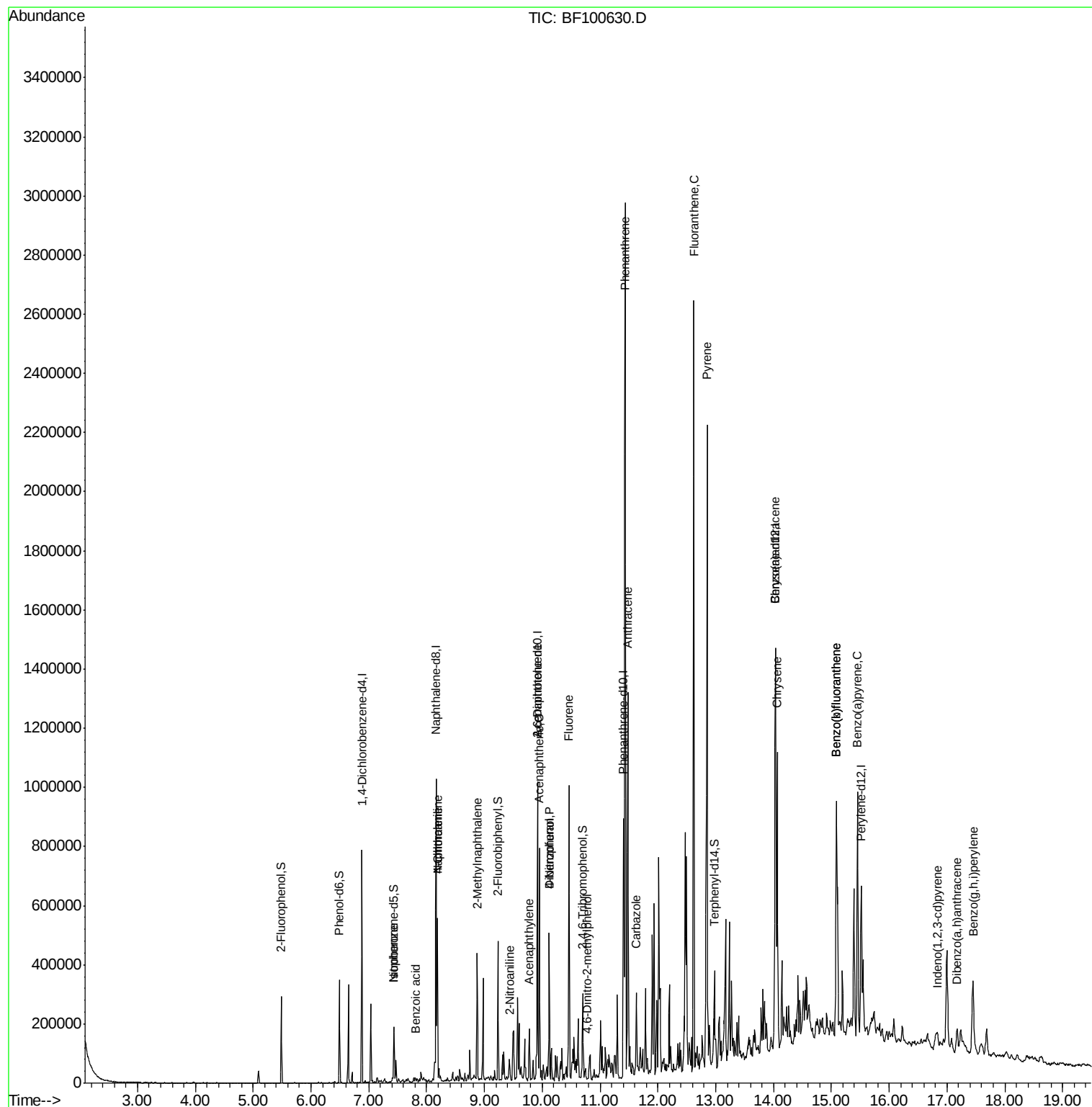
Target Compounds				Qvalue		
25) Isophorone	7.43	82	57026	4.266	ng	# 64
31) Naphthalene	8.19	128	228025	11.257	ng	98
32) Benzoic acid	7.81	122	305	9.424	ng	93
33) 4-Chloroaniline	8.19	127	29717	3.524	ng	# 29
37) 2-Methylnaphthalene	8.87	142	108358	8.057	ng	99
47) 2-Nitroaniline	9.43	65	122	2.816	ng	# 2
48) Acenaphthylene	9.77	152	42260	2.113	ng	# 95
50) 2,6-Dinitrotoluene	9.92	165	28772	9.897	ng	# 26
51) Acenaphthene	9.95	154	153369	12.608	ng	99
54) Dibenzofuran	10.12	168	172106	10.095	ng	97
55) 4-Nitrophenol	10.12	139	61689	22.131	ng	# 10
57) Fluorene	10.46	166	256399	20.529	ng	99
64) 4,6-Dinitro-2-methylphenol	10.78	198	147	8.642	ng	# 34
70) Phenanthrene	11.43	178	1200604	68.833	ng	99
71) Anthracene	11.48	178	449220	25.385	ng	98
72) Carbazole	11.63	167	103019	6.309	ng	99
74) Fluoranthene	12.62	202	1091457	59.044	ng	98
77) Pyrene	12.85	202	935525	63.945	ng	100
80) Benzo(a)anthracene	14.03	228	452268	36.593	ng	98
82) Chrysene	14.07	228	389258	32.524	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	41098	4.245	ng	91
87) Benzo(b)fluoranthene	15.09	252	675717	46.338	ng	98
88) Benzo(k)fluoranthene	15.09	252	675717	49.043	ng	99
89) Benzo(a)pyrene	15.46	252	397203	30.725	ng	97
90) Dibenzo(a,h)anthracene	17.17	278	50632	4.789	ng	97
91) Benzo(g,h,i)perylene	17.45	276	195831	18.922	ng	95

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

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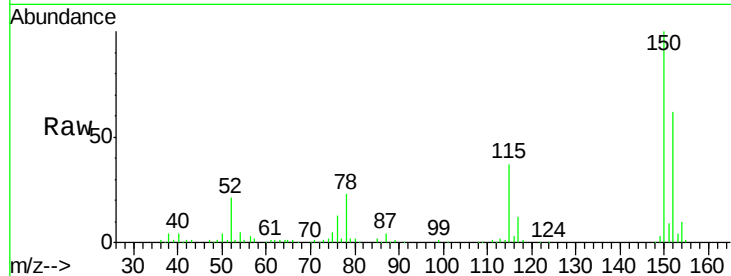


#1

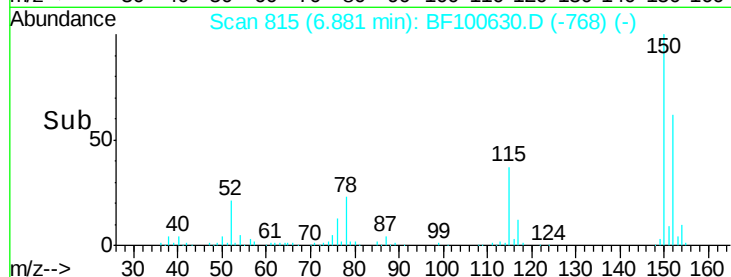
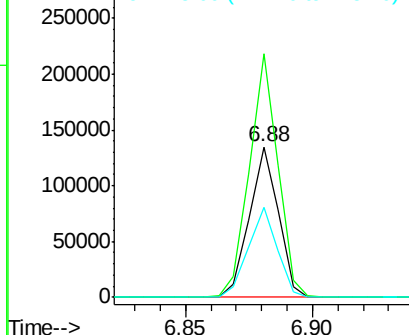
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PL-01-111317-A

Tgt Ion:152 Resp: 107544
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 59.6 50.1 75.1



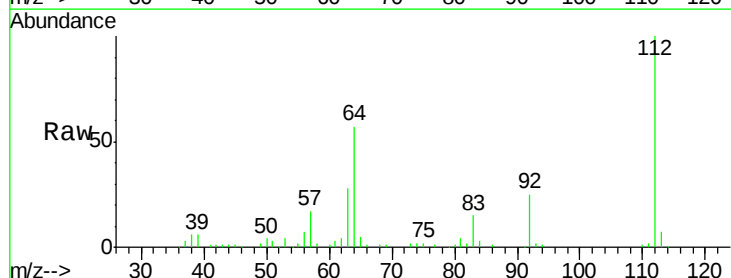
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



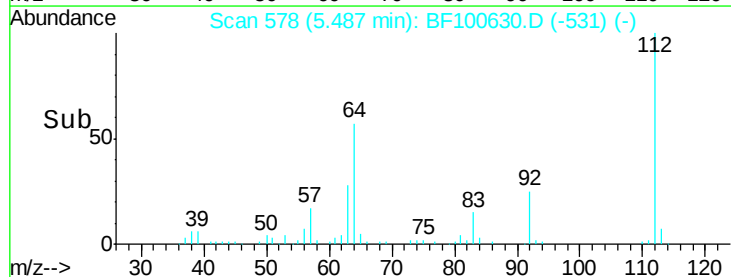
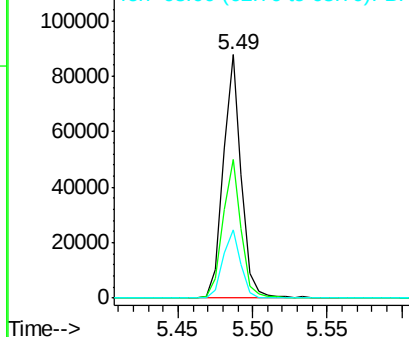
#5

2-Fluorophenol
Concen: 11.159 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Tgt Ion:112 Resp: 74865
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.1 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: 11.801 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

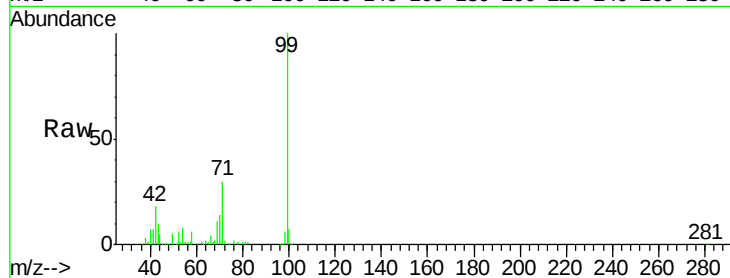
Tgt Ion: 99 Resp: 97628

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

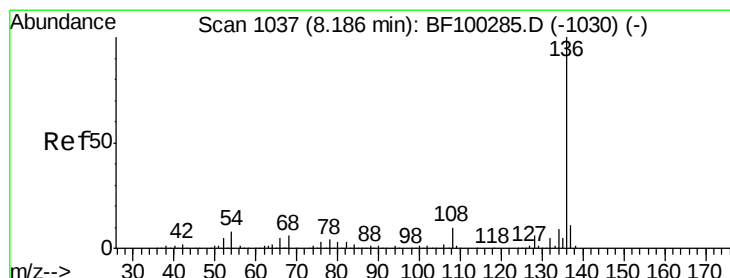
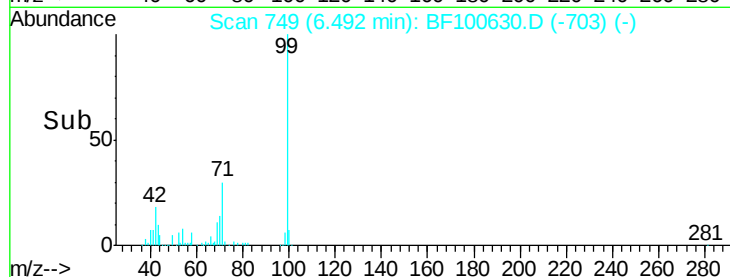
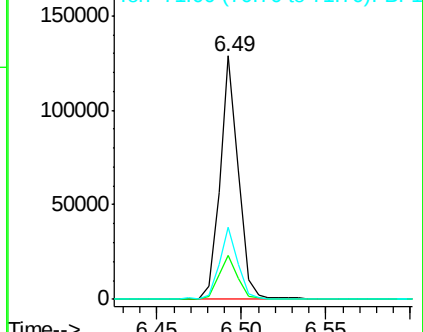
71 29.6 25.4 38.0



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: 8.16 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Tgt Ion: 136 Resp: 420559

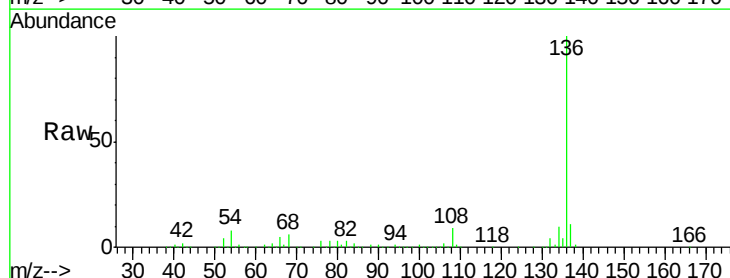
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 6.0 5.0 7.4

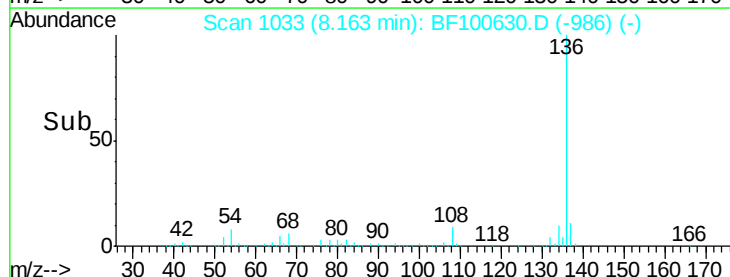
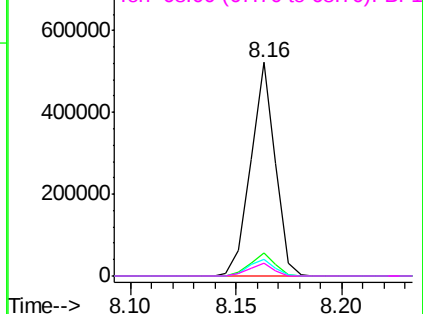


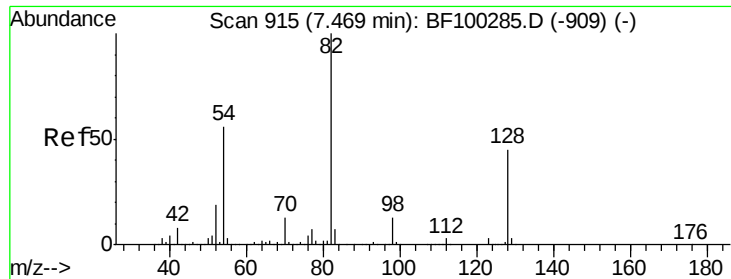
Abundance Ion 136.00 (135.70 to 136.70): E

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

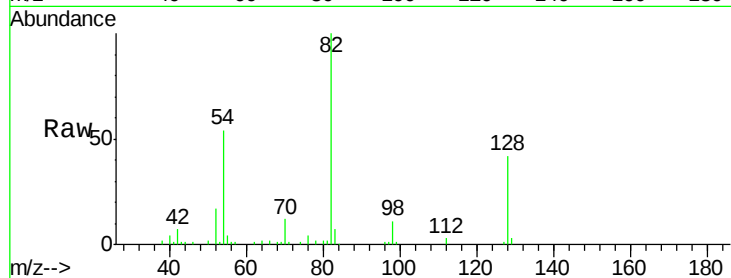




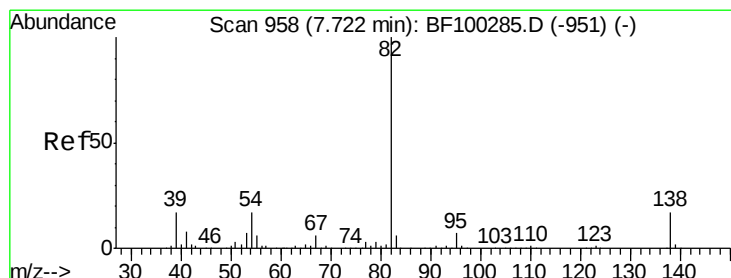
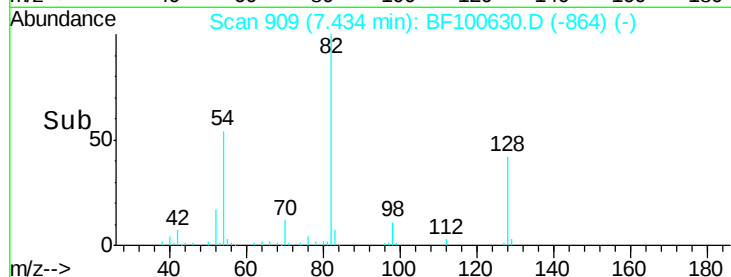
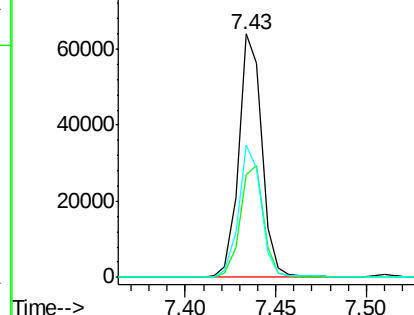
#23
Nitrobenzene-d5
Concen: 8.965 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.04 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PL-01-111317-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	54.3	41.4	62.2

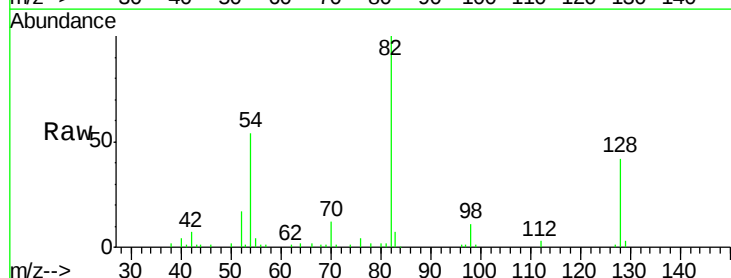


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

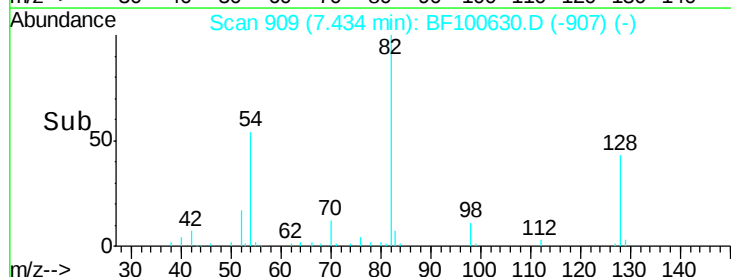
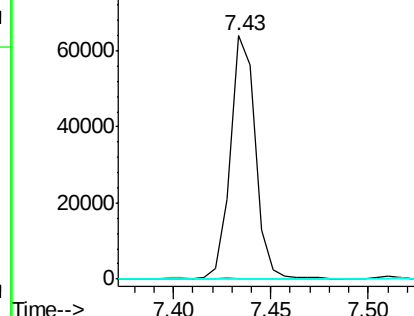


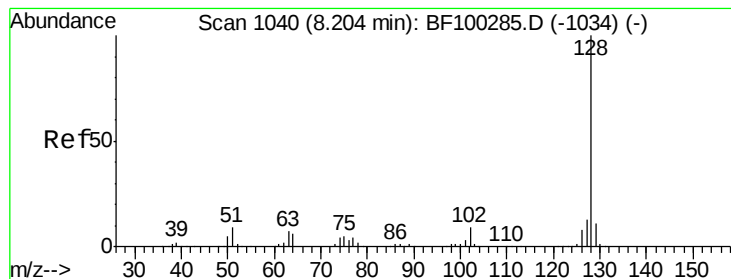
#25
Isophorone
Concen: 4.266 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.29 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Tgt 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: 11.257 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

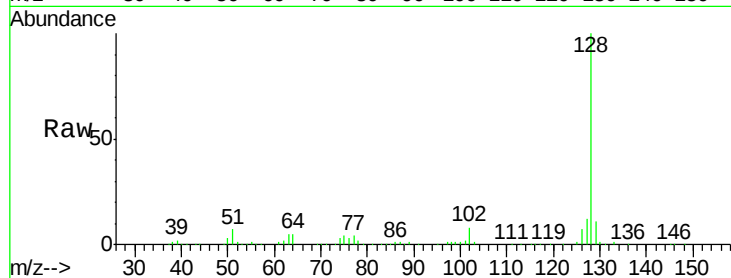
Tgt Ion:128 Resp: 228025

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

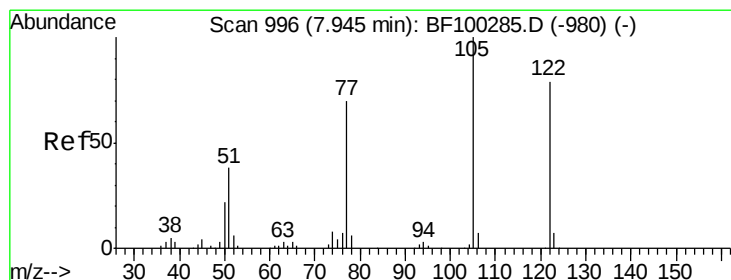
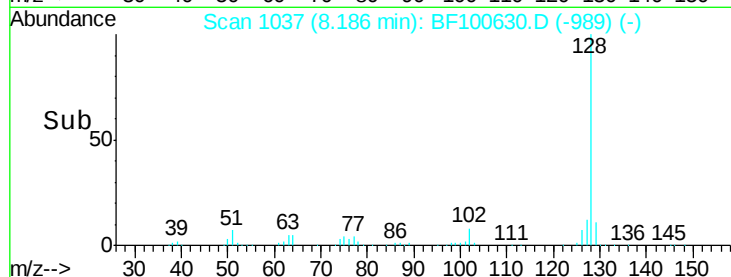
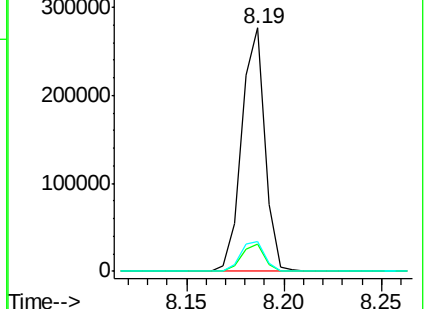
127 12.5 10.9 16.3



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: 9.424 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.14 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

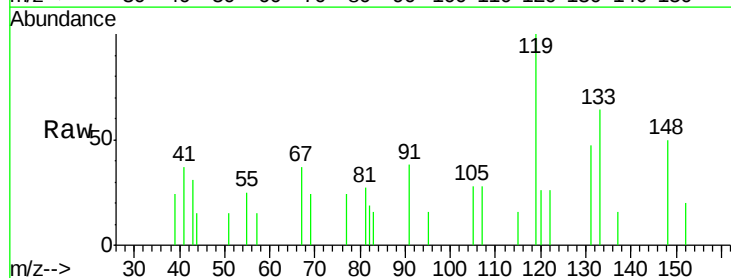
Tgt Ion:122 Resp: 305

Ion Ratio Lower Upper

122 100

105 107.9 101.1 141.1

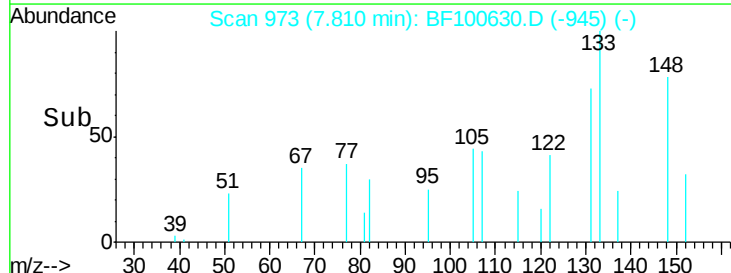
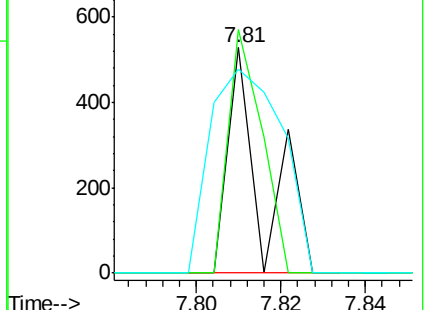
77 90.5 70.7 110.7

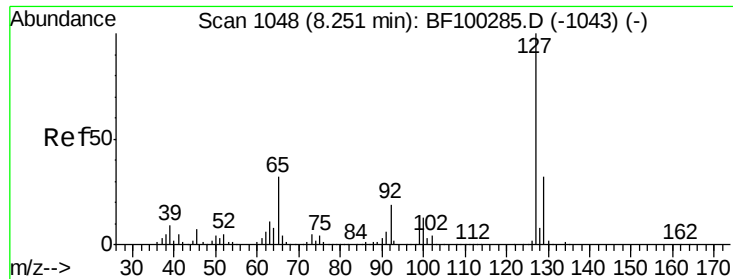


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

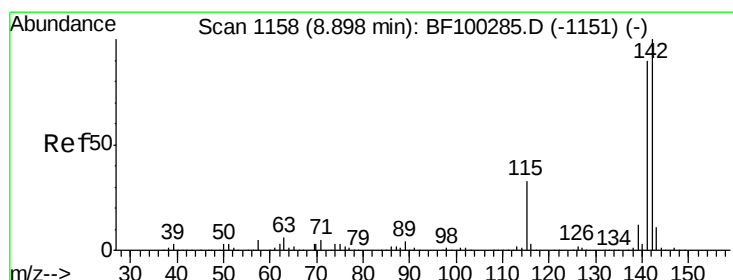
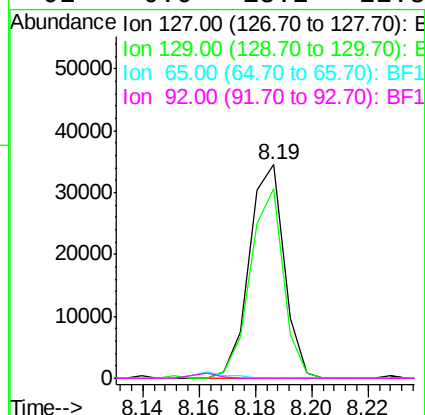
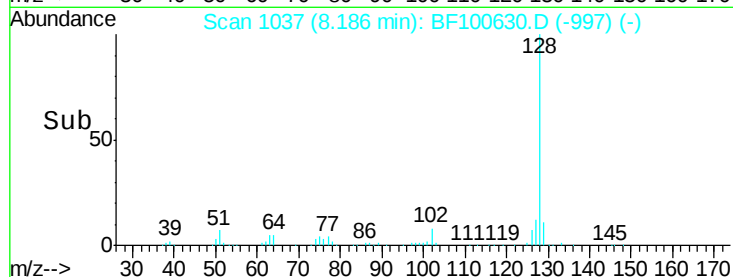
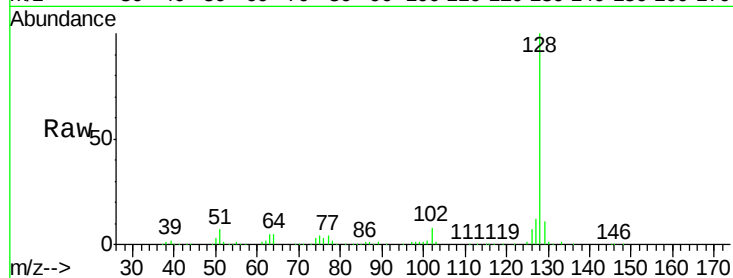




#33
4-Chloroaniline
Concen: 3.524 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

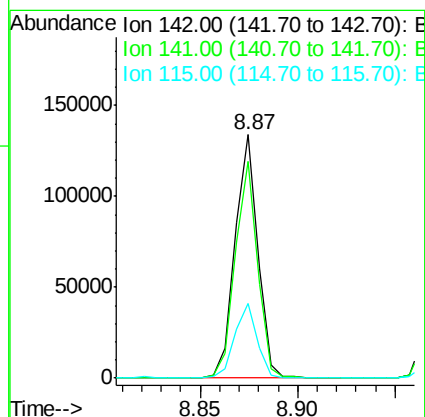
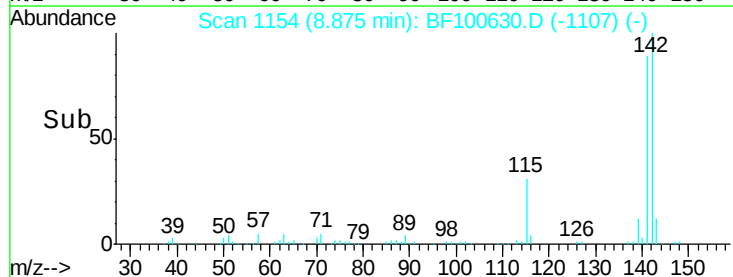
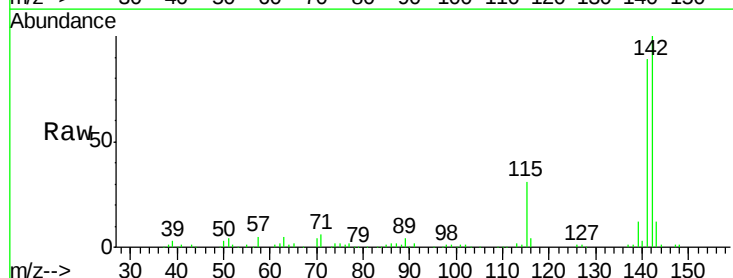
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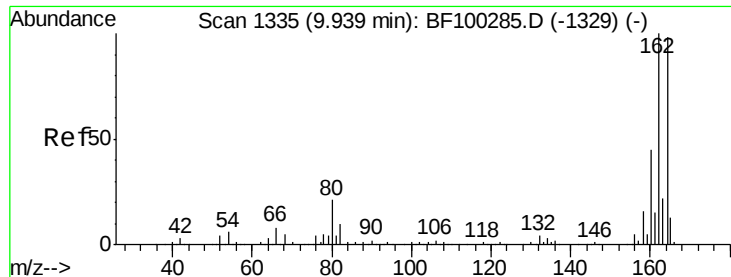
Tgt Ion:	127	Resp:	29717
Ion	Ratio	Lower	Upper
127	100		
129	88.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 8.057 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Tgt Ion:	142	Resp:	108358
Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	30.9	26.1	39.1

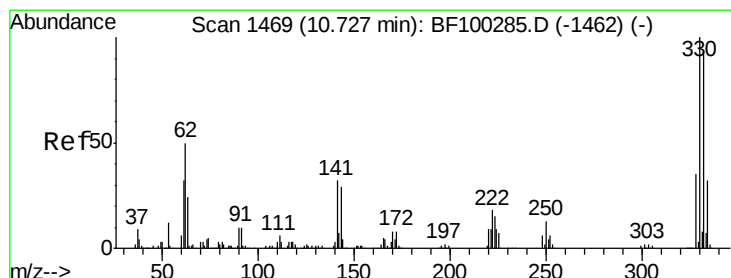
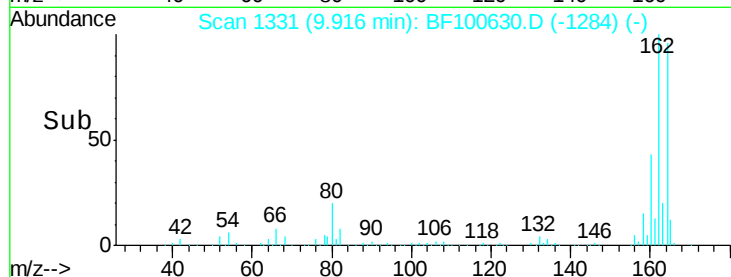
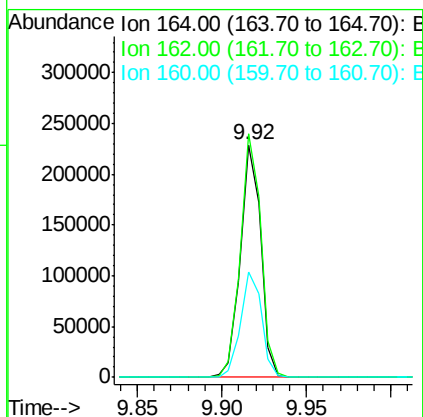
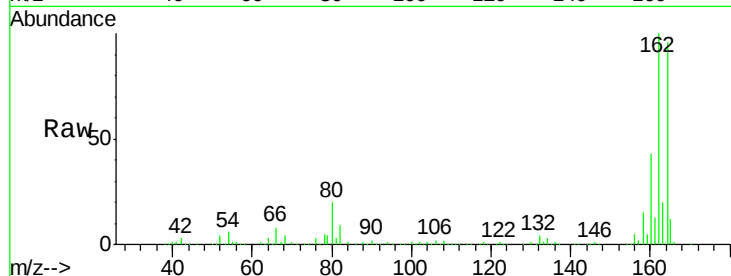




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF100630.D
 Acq: 16 Nov 2017 15:04

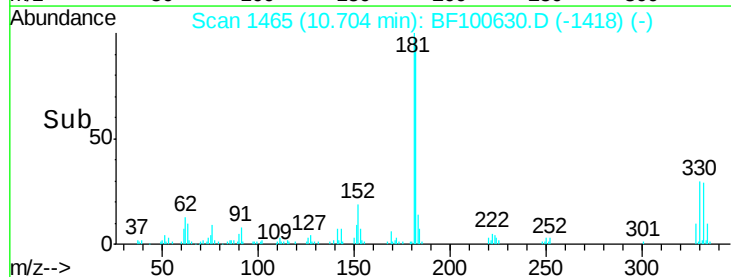
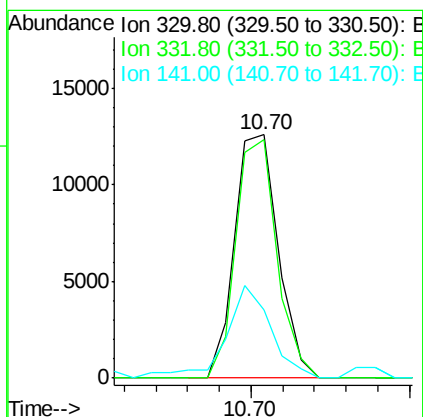
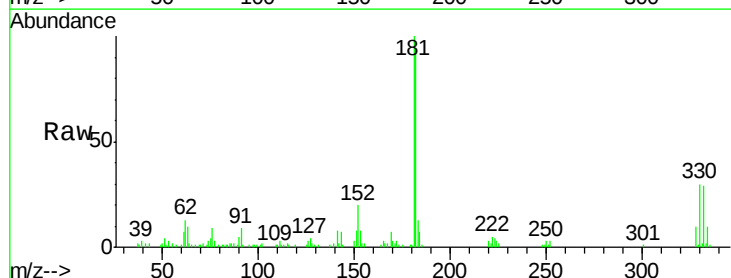
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-111317-A

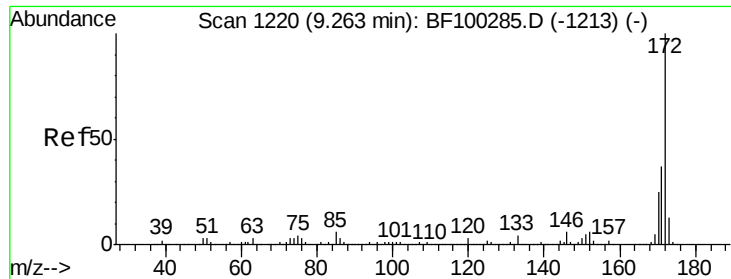
Tgt Ion:164 Resp: 192352
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 45.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 6.095 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF100630.D
 Acq: 16 Nov 2017 15:04

Tgt Ion:330 Resp: 11946
 Ion Ratio Lower Upper
 330 100
 332 92.3 77.0 115.6
 141 40.6 29.9 44.9

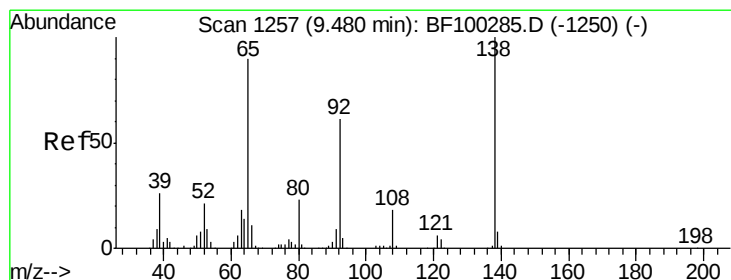
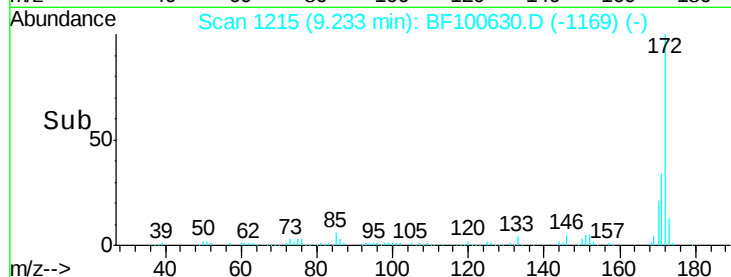
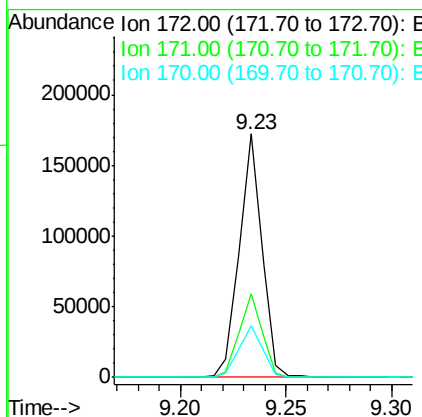
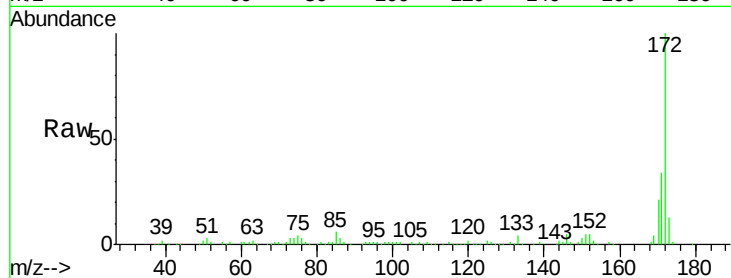




#44
2-Fluorobiphenyl
Concen: 10.075 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

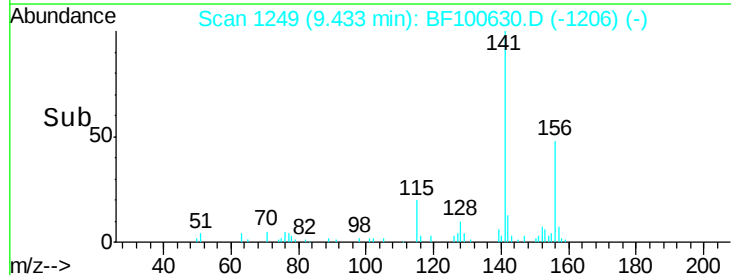
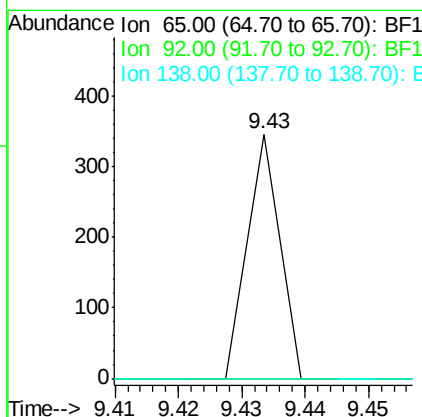
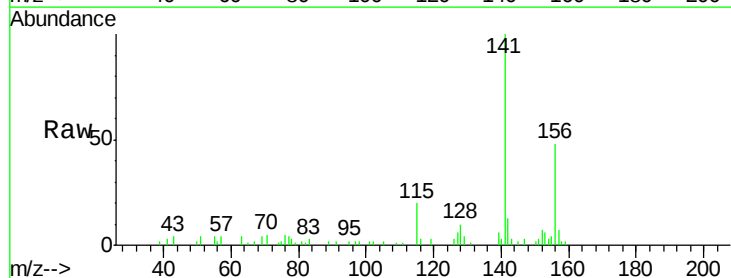
Instrument :
BNA_F
ClientSampleId :
PL-01-111317-A

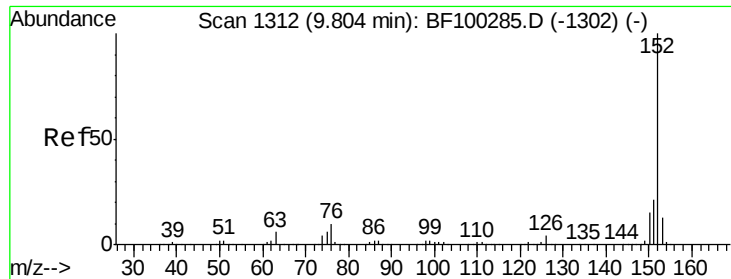
Tgt Ion: 172 Resp: 127269
Ion Ratio Lower Upper
172 100
171 34.5 29.7 44.5
170 21.5 19.6 29.4



#47
2-Nitroaniline
Concen: 2.816 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Tgt Ion: 65 Resp: 122
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#





#48

Acenaphthylene

Concen: 2.113 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

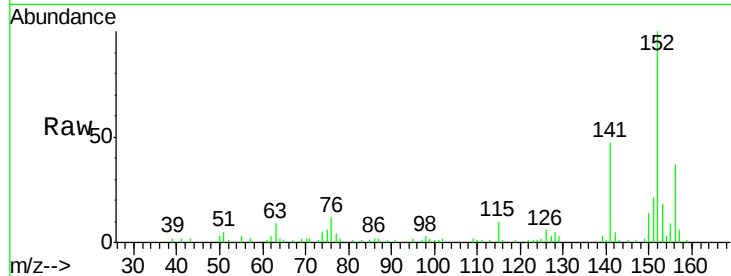
Tgt Ion:152 Resp: 42260

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

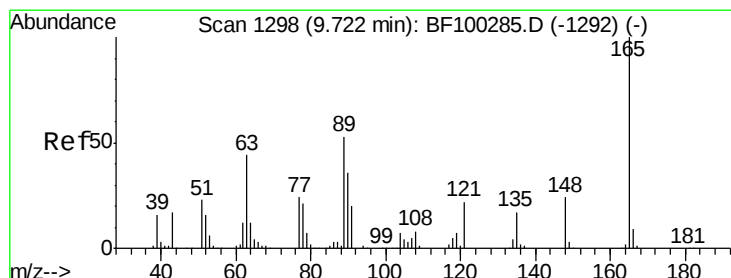
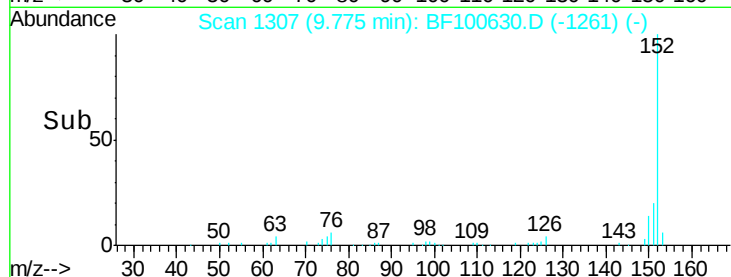
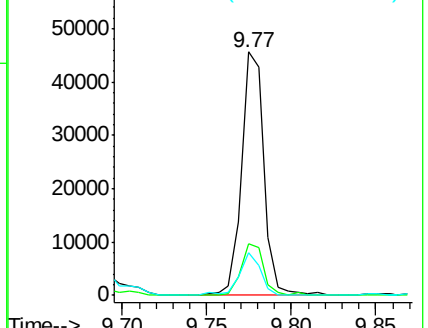
153 17.7 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 9.897 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.19 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

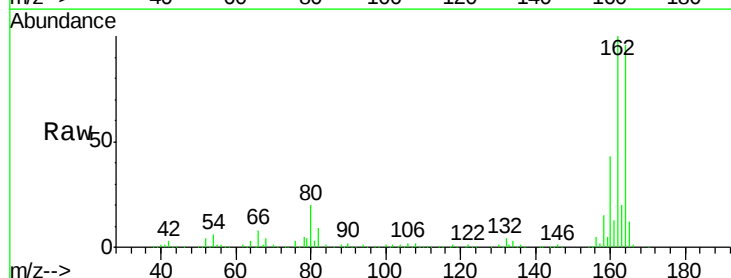
Tgt Ion:165 Resp: 28772

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

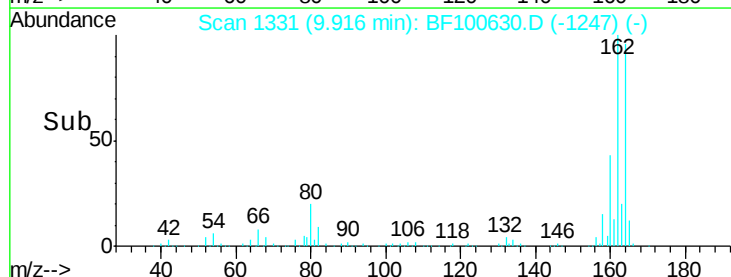
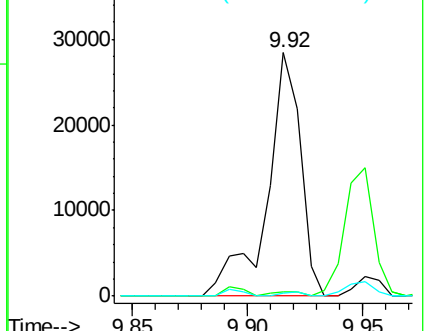
89 1.1 44.0 66.0#

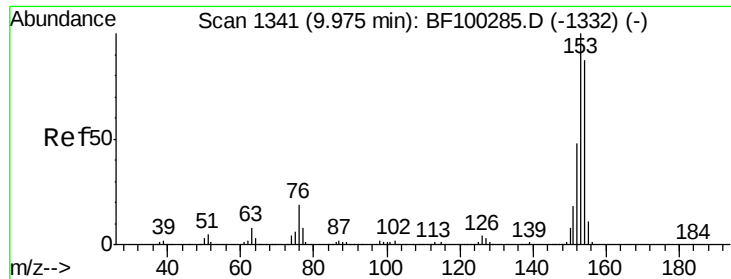


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 12.608 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

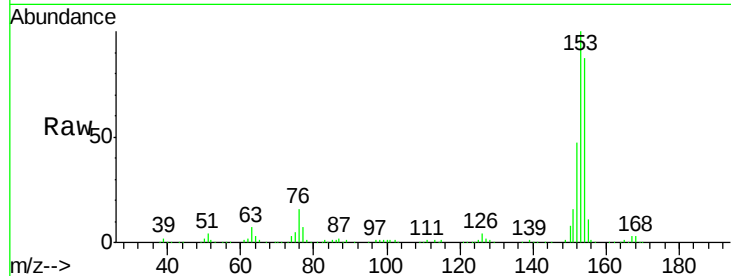
Tgt Ion:154 Resp: 153369

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

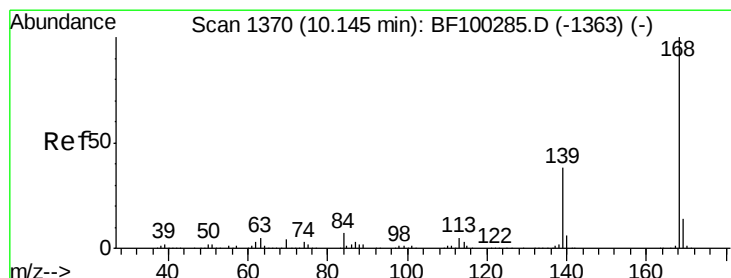
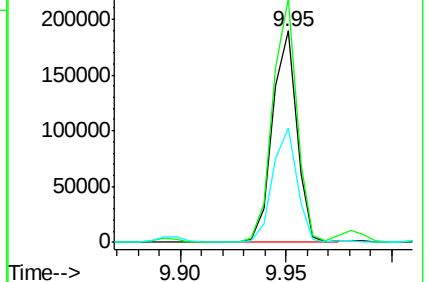
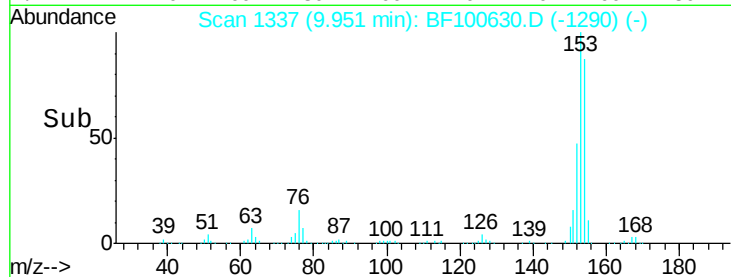
152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 10.095 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

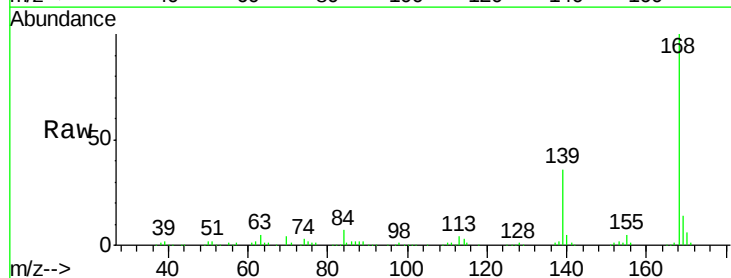
Tgt Ion:168 Resp: 172106

Ion Ratio Lower Upper

168 100

139 35.7 30.1 45.1

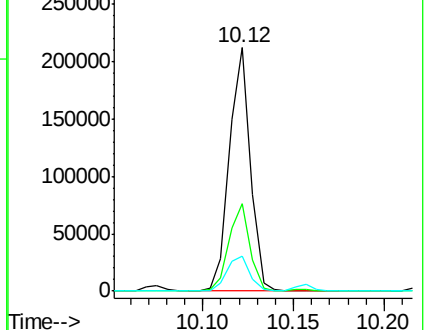
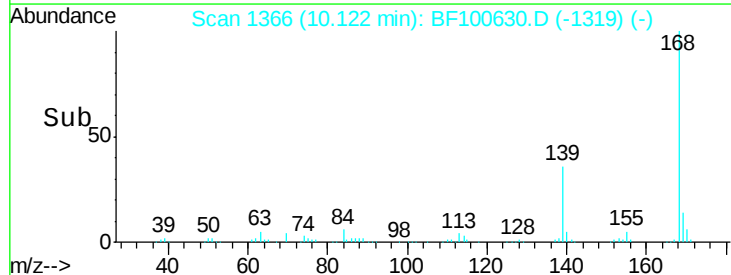
169 14.2 10.9 16.3

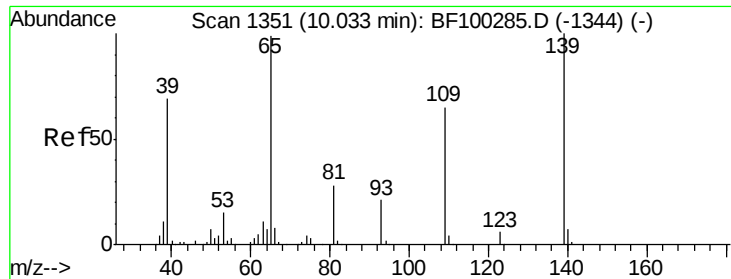


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

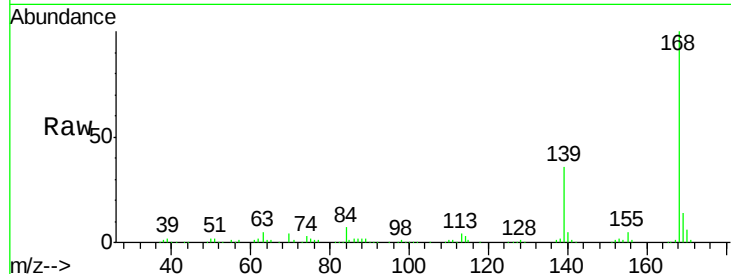




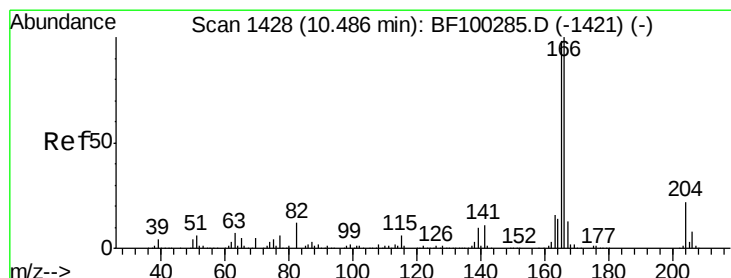
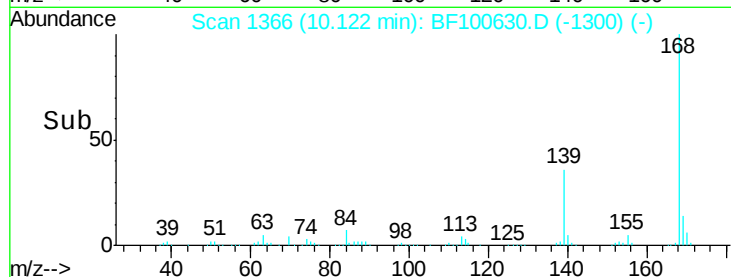
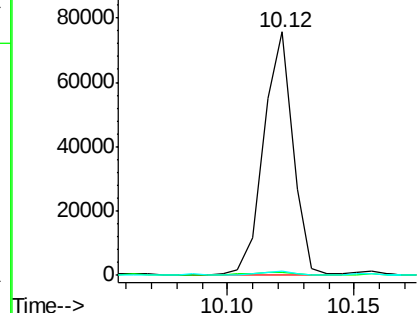
#55
4-Nitrophenol
Concen: 22.131 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PL-01-111317-A

Tgt Ion:139 Resp: 61689
Ion Ratio Lower Upper
139 100
109 1.0 48.4 88.4#
65 1.7 72.6 112.6#

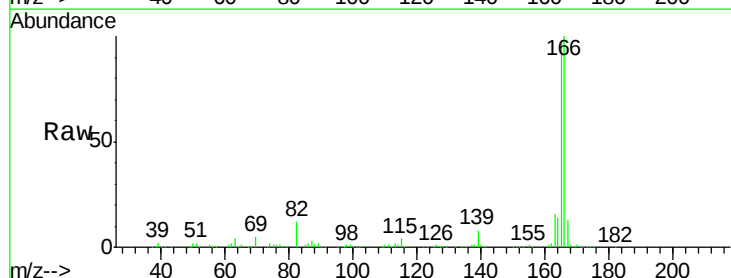


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

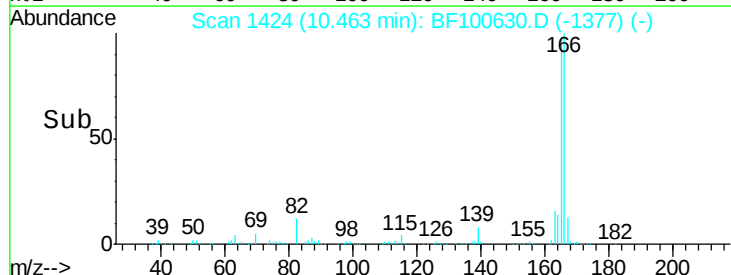
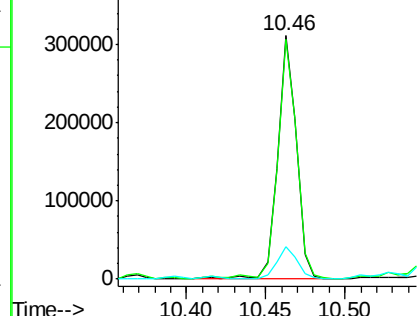


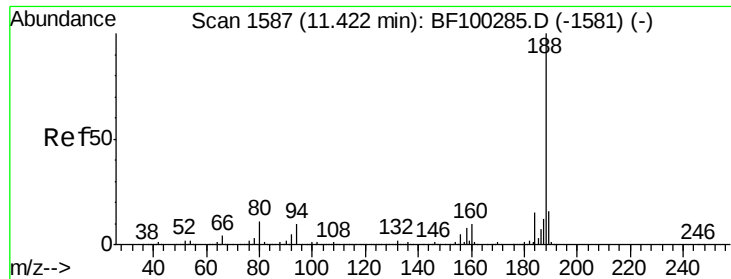
#57
Fluorene
Concen: 20.529 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Tgt Ion:166 Resp: 256399
Ion Ratio Lower Upper
166 100
165 98.4 79.8 119.8
167 13.5 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

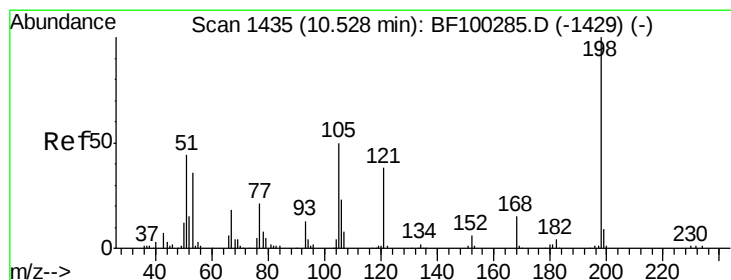
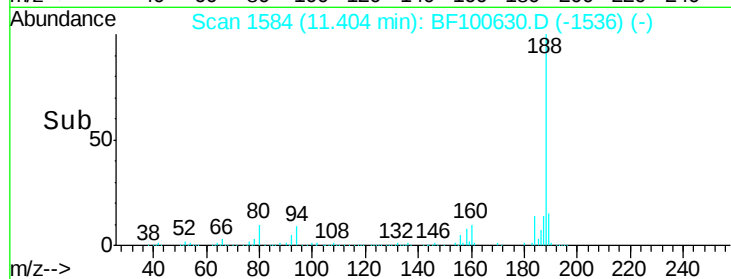
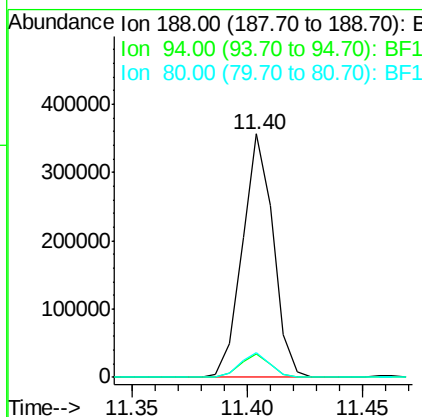
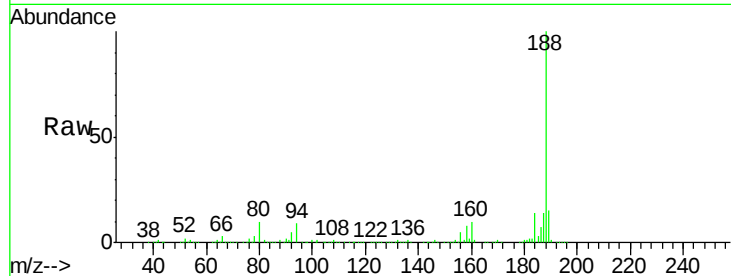




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

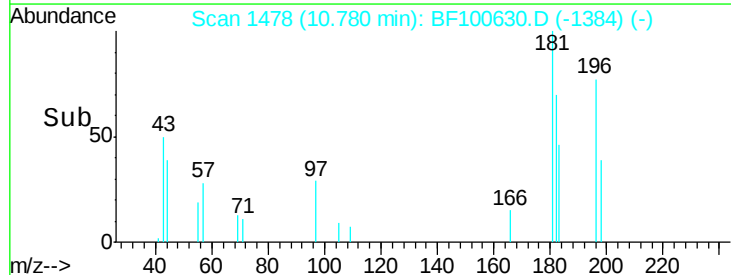
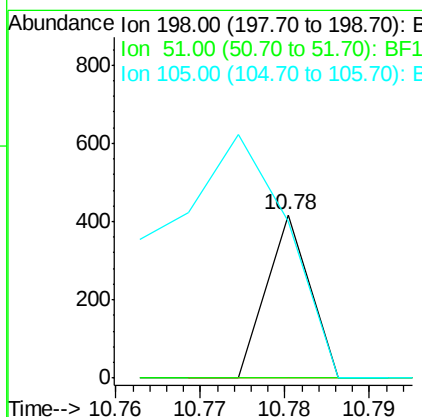
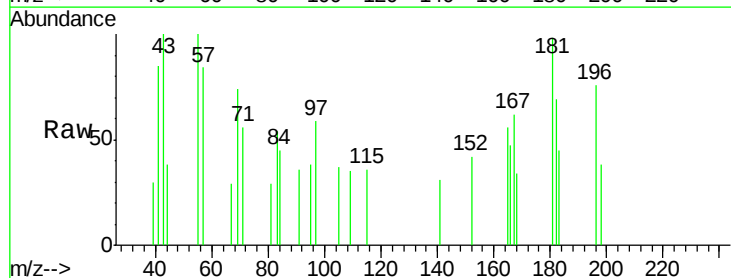
Instrument :
BNA_F
ClientSampleId :
PL-01-111317-A

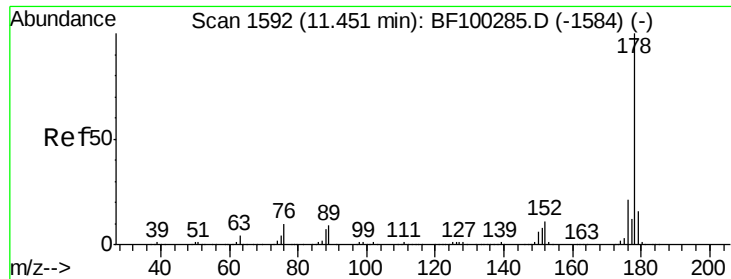
Tgt Ion:188 Resp: 331280
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.642 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.25 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Tgt Ion:198 Resp: 147
Ion Ratio Lower Upper
198 100
51 0.0 37.7 77.7#
105 96.2 36.3 76.3#





#70

Phenanthrene

Concen: 68.833 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

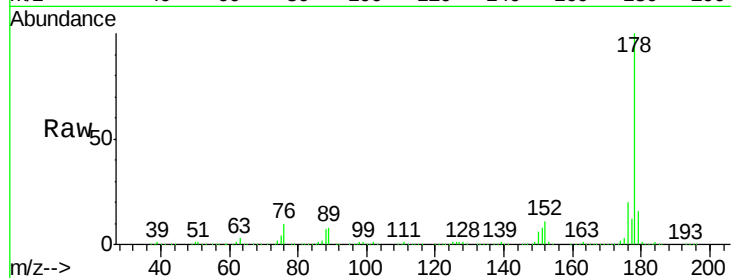
Tgt Ion:178 Resp: 1200604

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

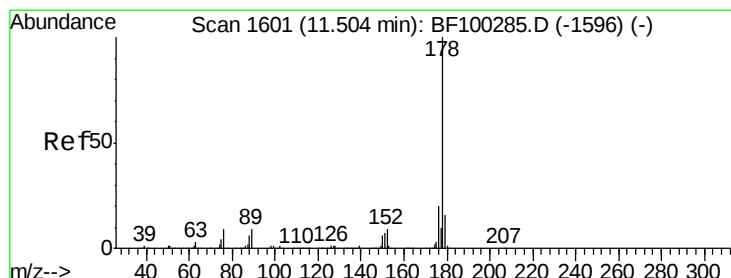
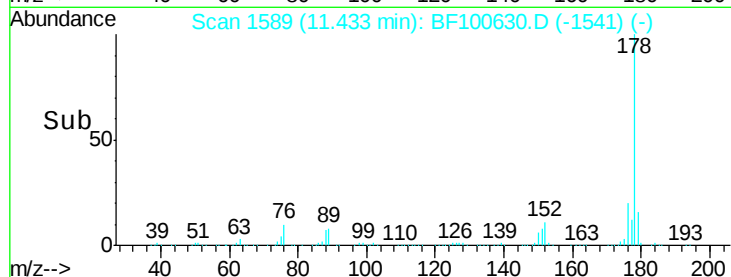
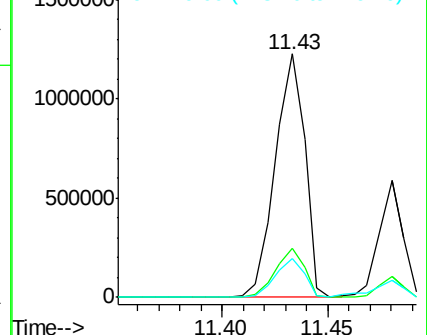
179 15.9 13.0 19.6



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: 25.385 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

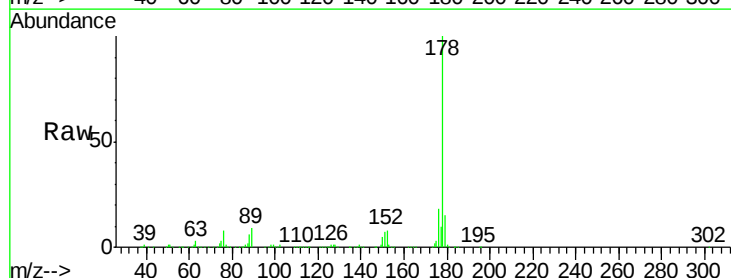
Tgt Ion:178 Resp: 449220

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

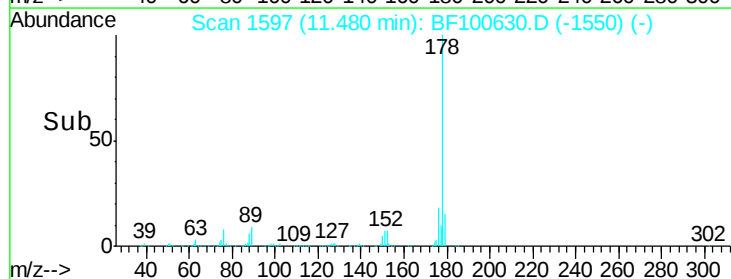
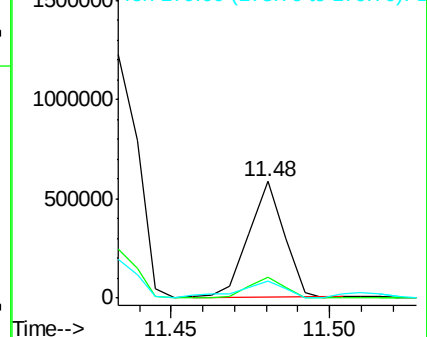
179 15.1 12.6 19.0

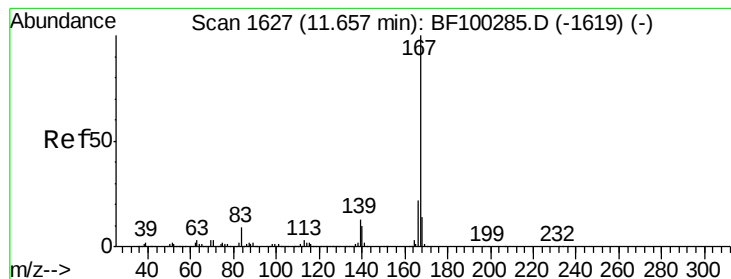


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.309 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.03 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

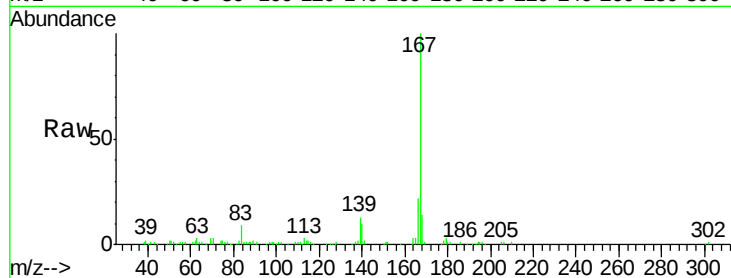
Tgt Ion:167 Resp: 103019

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

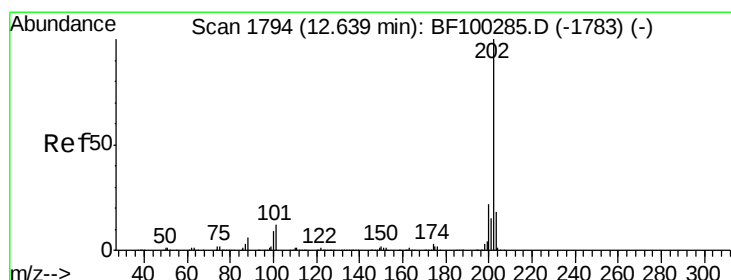
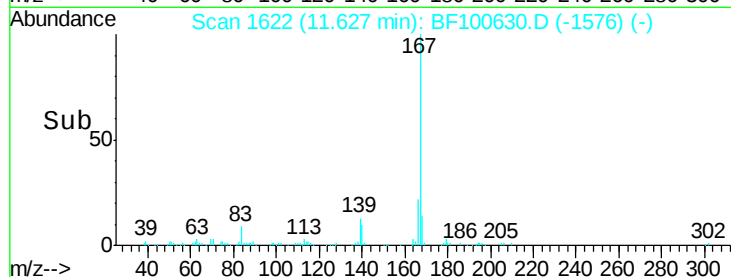
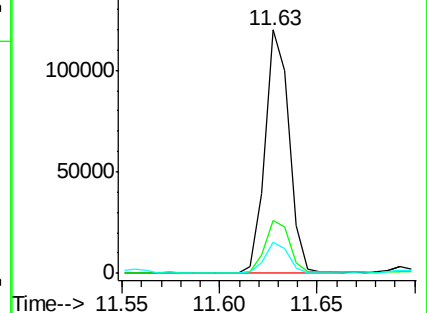
139 12.8 10.9 16.3



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: 59.044 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

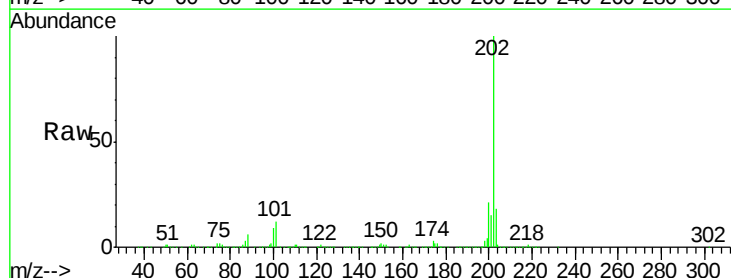
Tgt Ion:202 Resp: 1091457

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

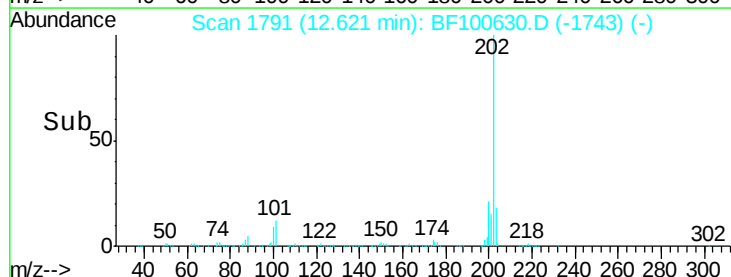
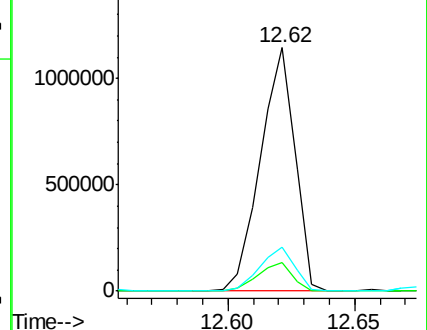
203 18.0 0.0 38.1

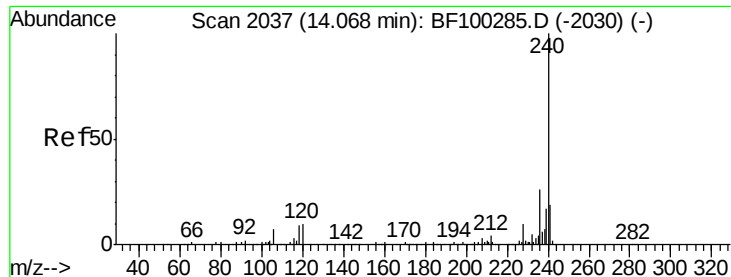


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.03 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

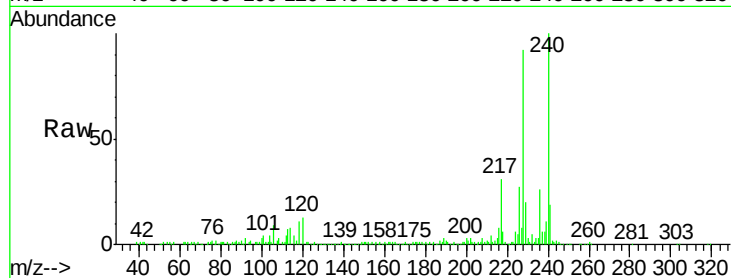
Tgt Ion:240 Resp: 205238

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

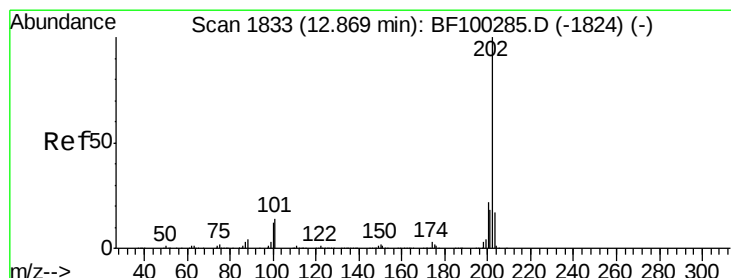
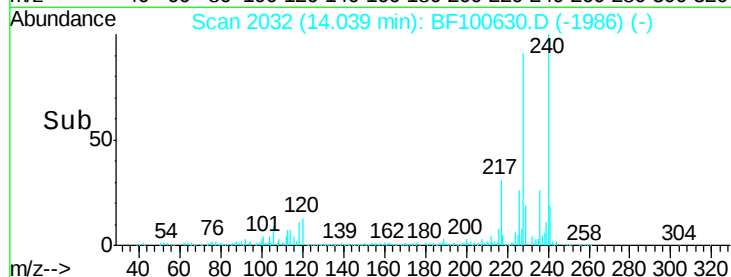
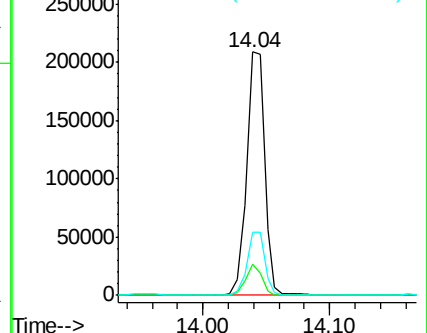
236 25.8 20.7 31.1



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: 63.945 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

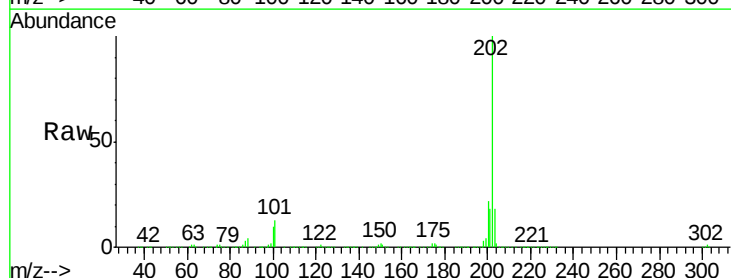
Tgt Ion:202 Resp: 935525

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

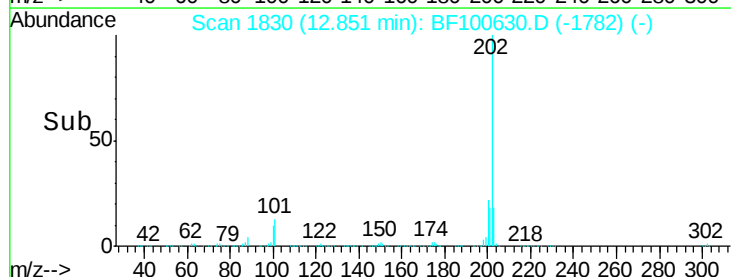
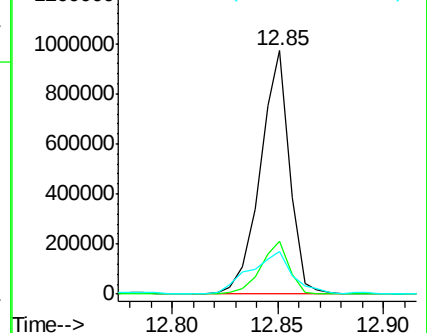
203 17.6 14.3 21.5

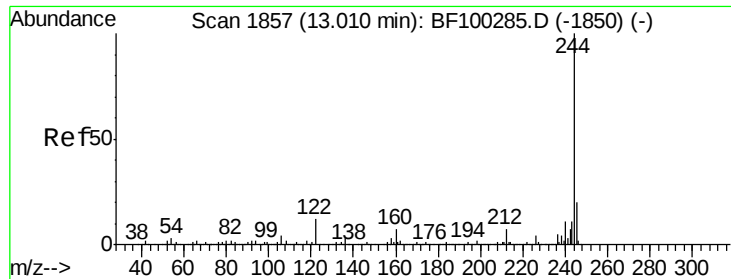


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

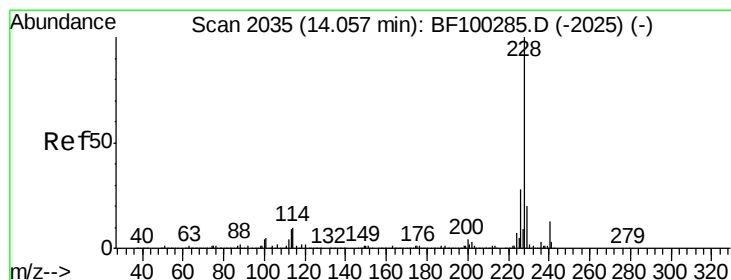
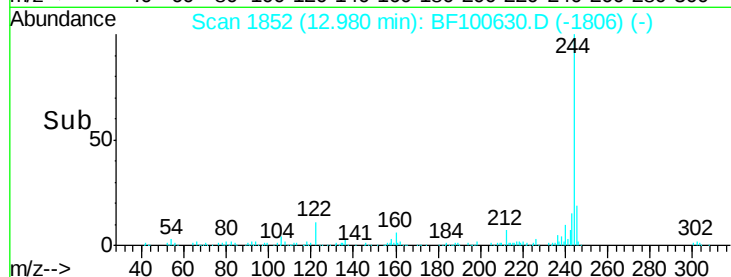
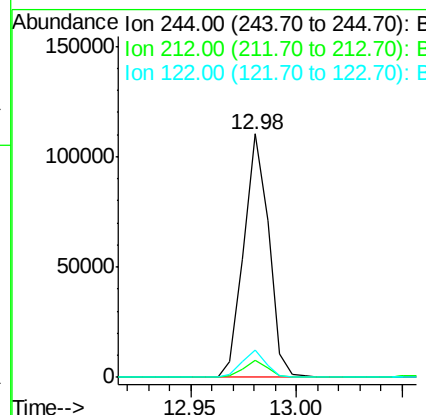
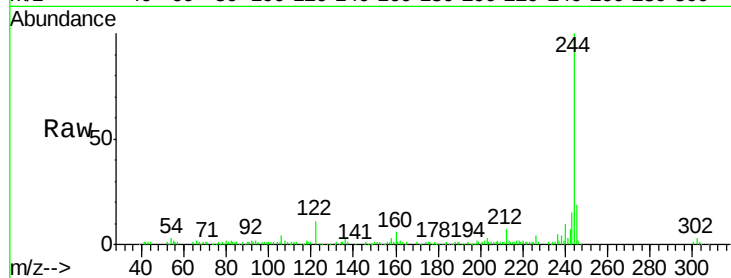




#78
 Terphenyl-d14
 Concen: 10.056 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.03 min
 Lab File: BF100630.D
 Acq: 16 Nov 2017 15:04

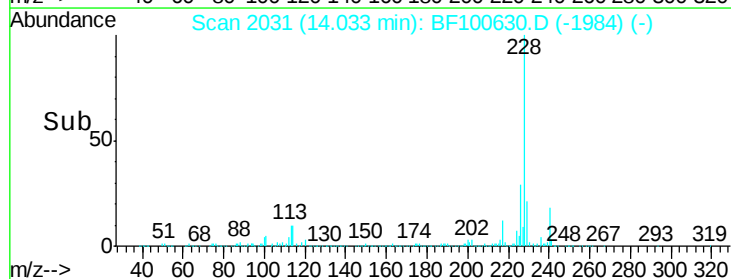
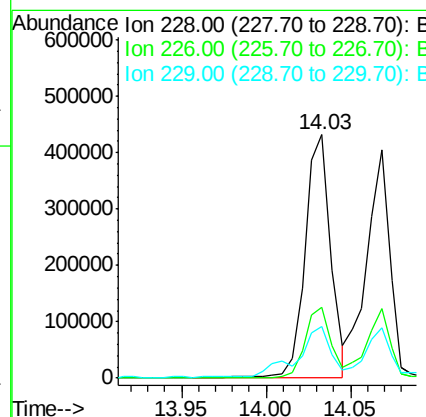
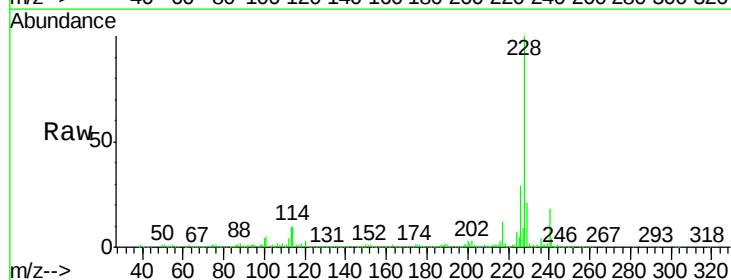
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-111317-A

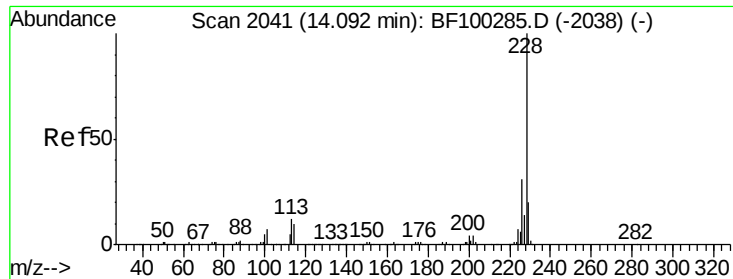
Tgt Ion: 244 Resp: 89825
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.1 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 36.593 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF100630.D
 Acq: 16 Nov 2017 15:04

Tgt Ion: 228 Resp: 452268
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.6 33.8
 229 21.1 15.8 23.6





#82

Chrysene

Concen: 32.524 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

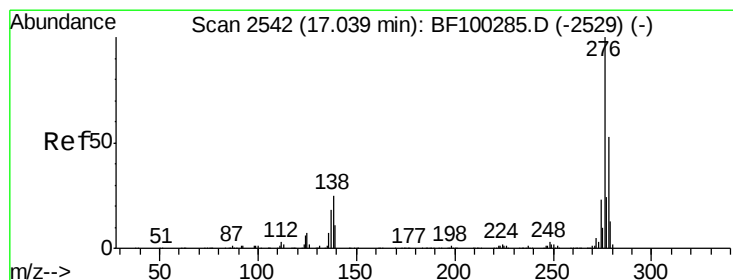
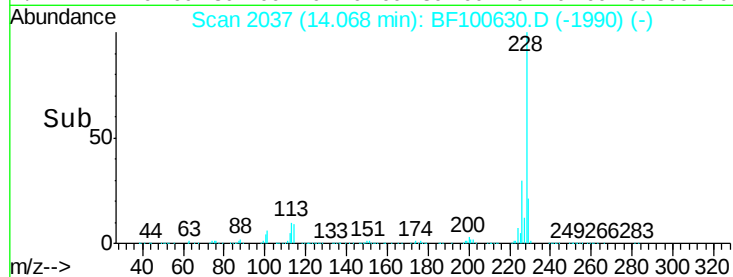
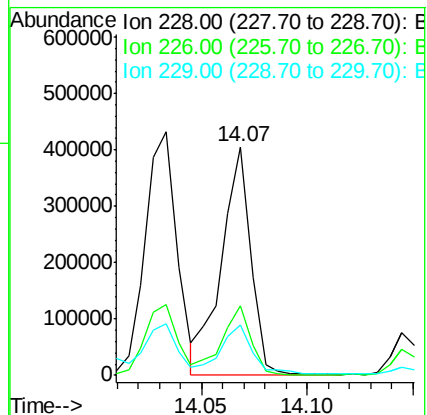
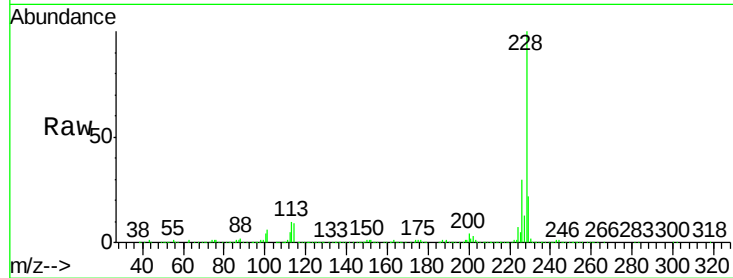
Tgt Ion:228 Resp: 389258

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 21.9 16.2 24.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.245 ng

RT: 16.83 min Scan# 2507

Delta R.T. -0.21 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

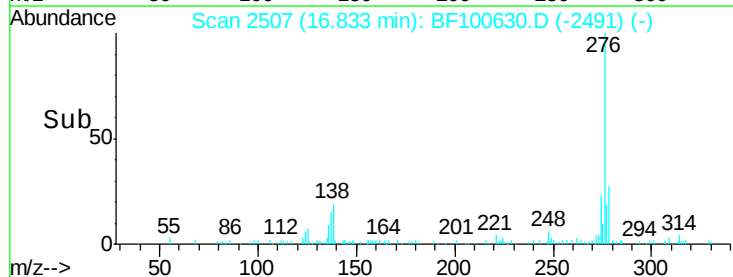
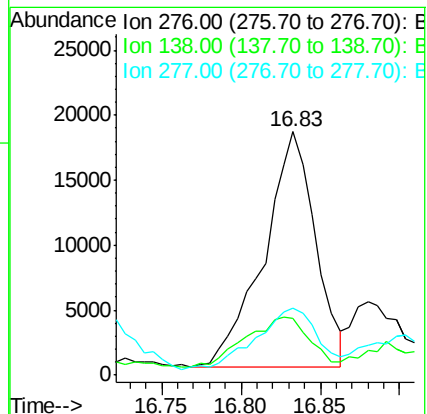
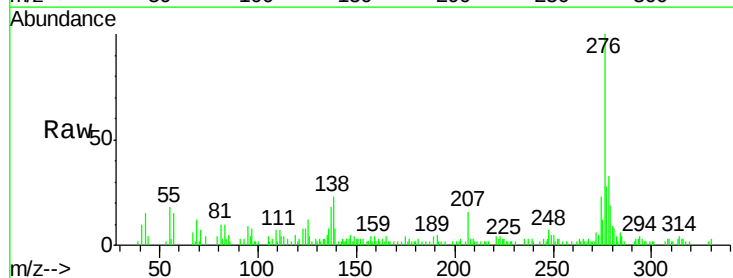
Tgt Ion:276 Resp: 41098

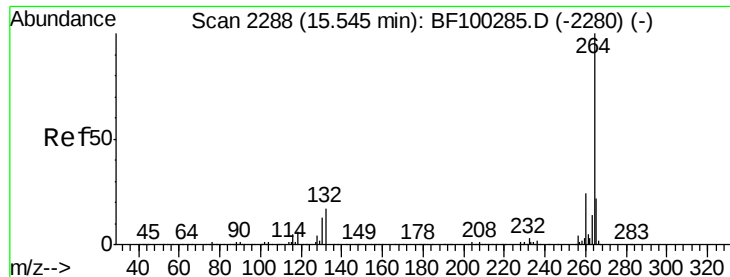
Ion Ratio Lower Upper

276 100

138 26.8 25.0 37.6

277 30.1 20.1 30.1

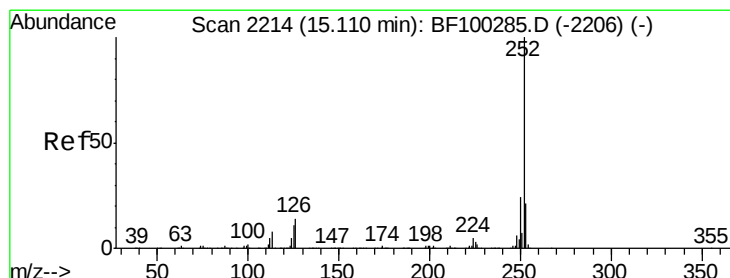
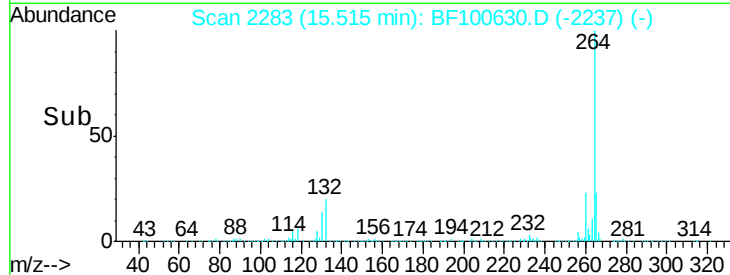
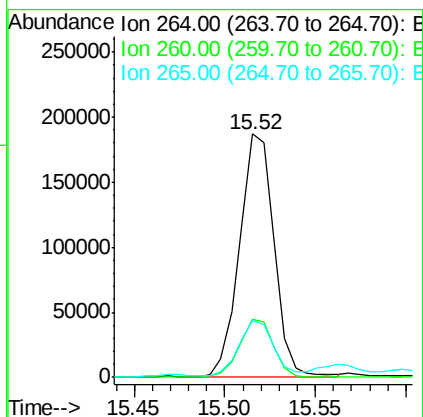
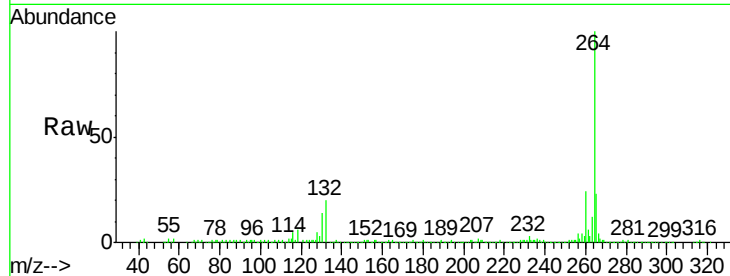




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

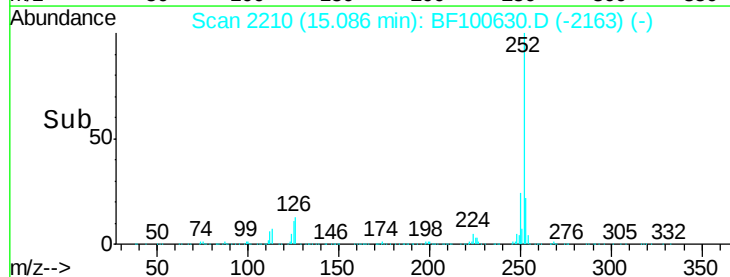
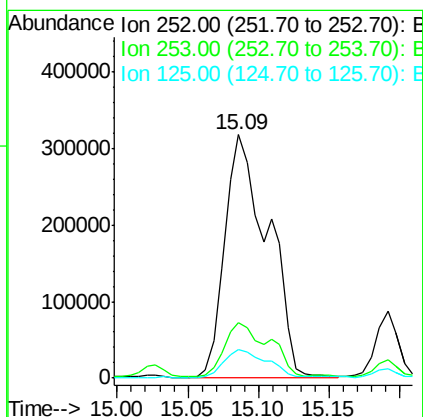
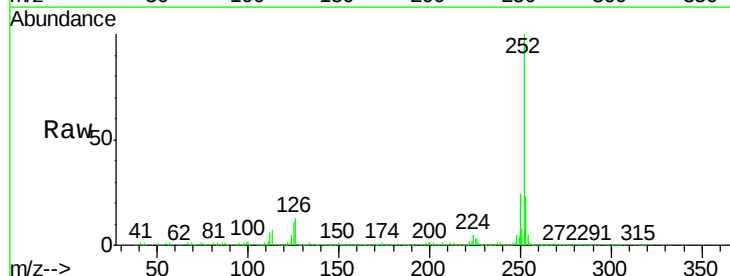
Instrument :
BNA_F
ClientSampleId :
PL-01-111317-A

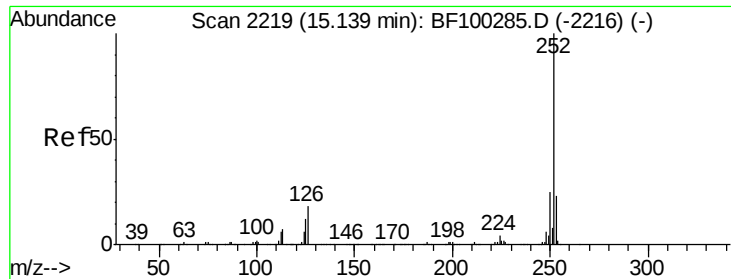
Tgt Ion:	264	Resp:	246136
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	23.2	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 46.338 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Tgt Ion:	252	Resp:	675717
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.5	9.0	13.6

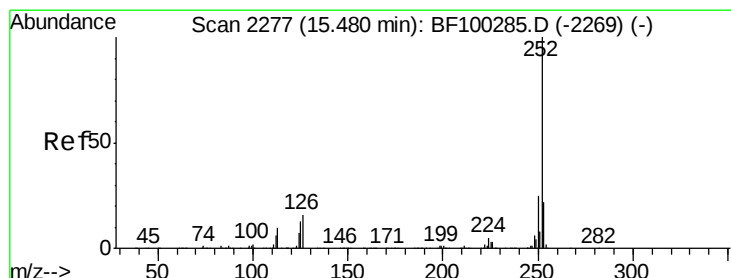
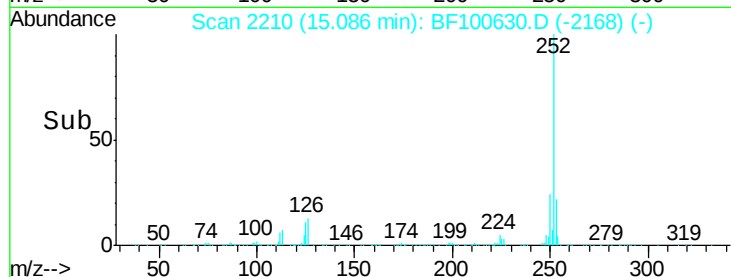
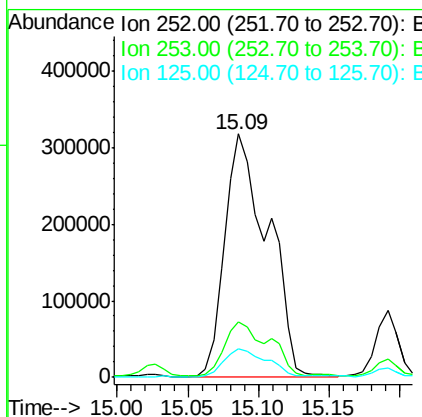
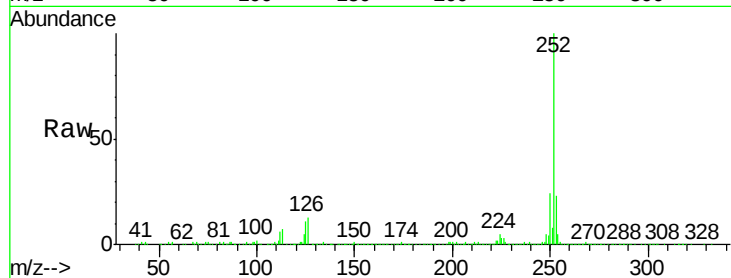




#88
Benzo(k)fluoranthene
Concen: 49.043 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.05 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

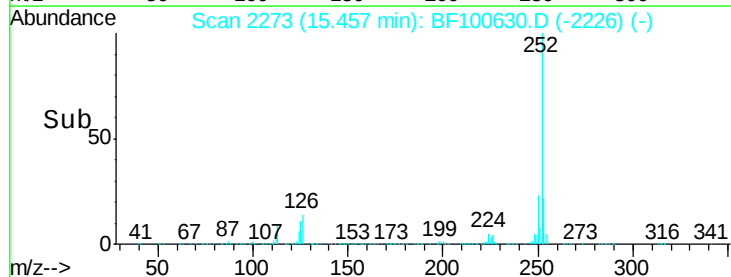
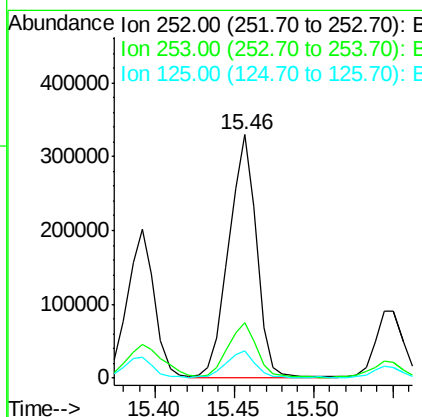
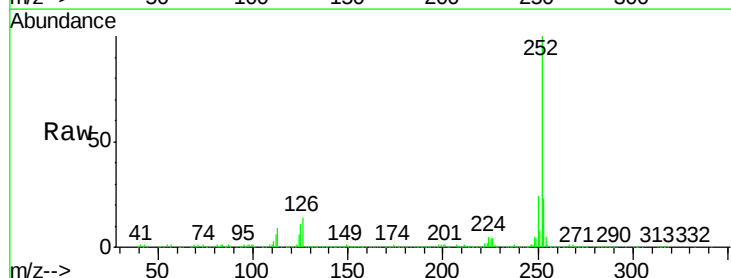
Instrument :
BNA_F
ClientSampleId :
PL-01-111317-A

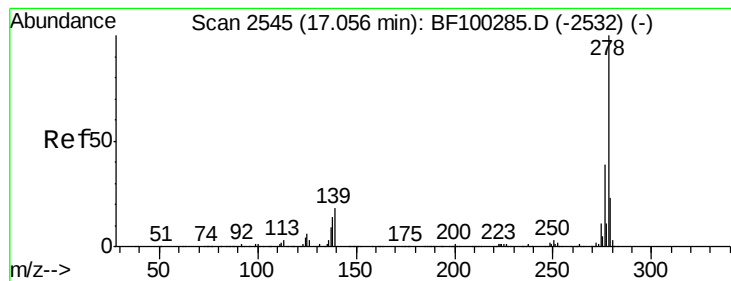
Tgt Ion:252 Resp: 675717
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.5 10.2 15.2



#89
Benzo(a)pyrene
Concen: 30.725 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF100630.D
Acq: 16 Nov 2017 15:04

Tgt Ion:252 Resp: 397203
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 11.5 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.789 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.12 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-A

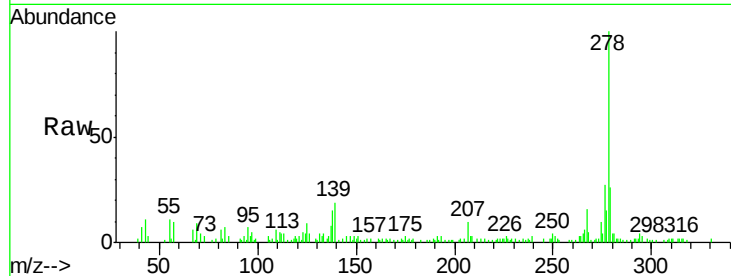
Tgt Ion:278 Resp: 50632

Ion Ratio Lower Upper

278 100

139 18.9 15.9 23.9

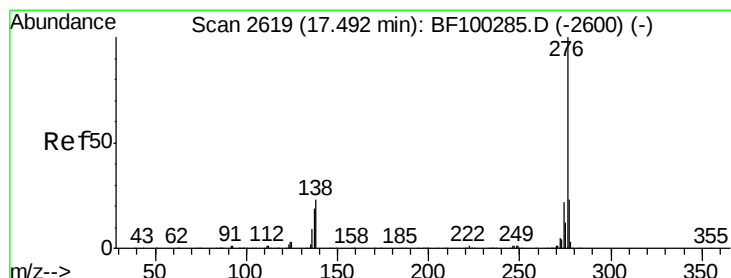
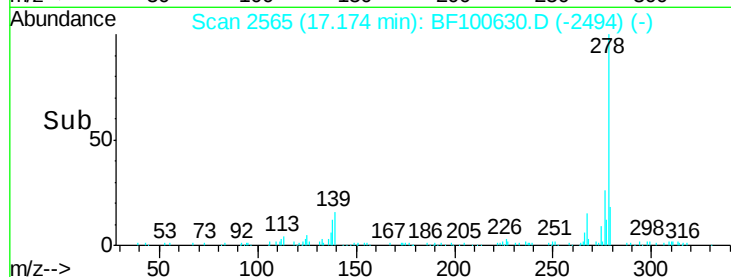
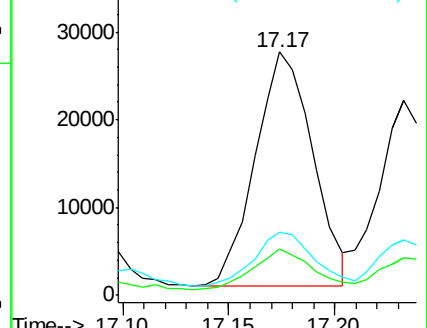
279 25.9 19.0 28.4



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: 18.922 ng

RT: 17.45 min Scan# 2612

Delta R.T. -0.04 min

Lab File: BF100630.D

Acq: 16 Nov 2017 15:04

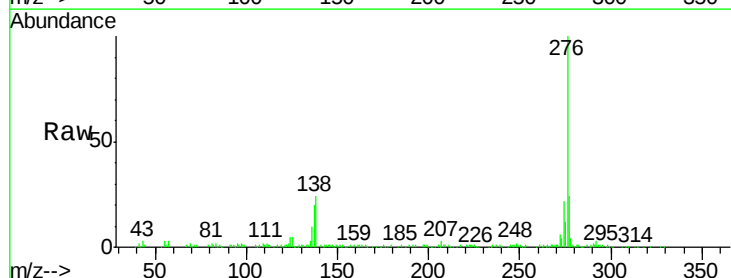
Tgt Ion:276 Resp: 195831

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 23.5 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

