

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
 Data File : BF100636.D
 Acq On : 16 Nov 2017 17:47
 Operator : SJ/JU
 Sample : I6305-09 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Nov 16 18:15:18 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 17:27:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	108912	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	389928	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	155174	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	253963	20.00	ng	0.00
75) Chrysene-d12	14.04	240	237409	20.00	ng	0.00
86) Perylene-d12	15.53	264	249368	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	333750	49.12	ng	0.00
7) Phenol-d6	6.50	99	396684	47.35	ng	-0.01
23) Nitrobenzene-d5	7.44	82	233267	39.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	60911	38.52	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	363595	35.68	ng	0.00
78) Terphenyl-d14	12.99	244	263559	25.51	ng	0.00

Target Compounds

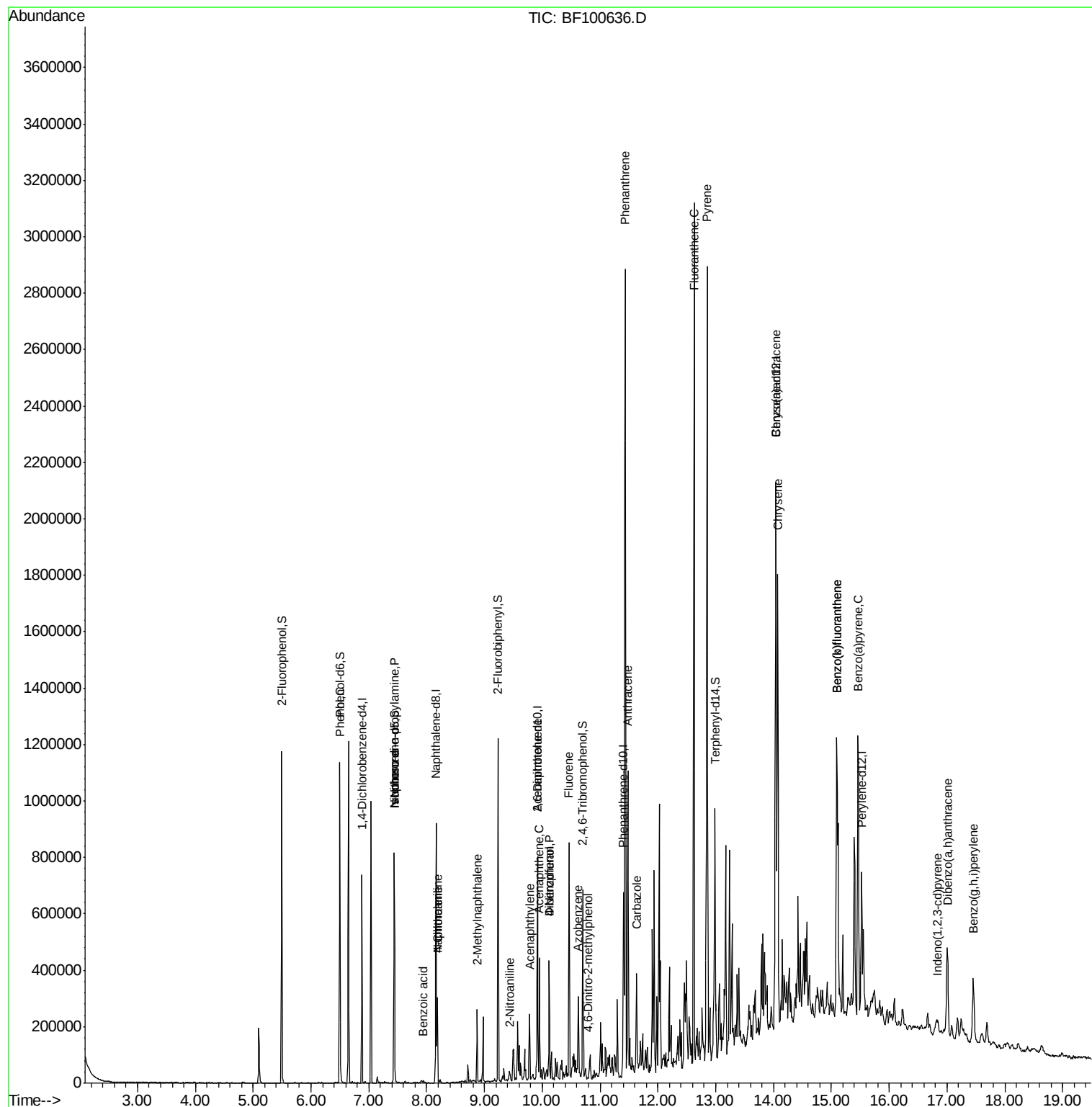
						Qvalue
10) Phenol	6.51	94	18836	2.142	ng	94
19) n-Nitroso-di-n-propylamine	7.44	70	30234	5.203	ng	# 79
25) Isophorone	7.44	82	233262	18.821	ng	# 64
31) Naphthalene	8.19	128	123339	6.567	ng	99
32) Benzoic acid	7.94	122	382	9.443	ng	# 18
33) 4-Chloroaniline	8.19	127	15705	2.009	ng	# 31
37) 2-Methylnaphthalene	8.87	142	61081	4.899	ng	98
47) 2-Nitroaniline	9.43	65	114	2.821	ng	# 2
48) Acenaphthylene	9.78	152	86927	5.387	ng	99
50) 2,6-Dinitrotoluene	9.92	165	23069	9.837	ng	# 25
51) Acenaphthene	9.95	154	80852	8.239	ng	99
54) Dibenzofuran	10.12	168	138217	10.049	ng	95
55) 4-Nitrophenol	10.12	139	48398	21.523	ng	# 10
57) Fluorene	10.46	166	234473	23.271	ng	100
62) Azobenzene	10.63	77	34101	3.054	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.78	198	112	8.642	ng	# 12
70) Phenanthrene	11.43	178	1208953	90.413	ng	99
71) Anthracene	11.48	178	383904	28.299	ng	100
72) Carbazole	11.63	167	130568	10.431	ng	97
74) Fluoranthene	12.63	202	1405968	99.213	ng	97
77) Pyrene	12.86	202	1289354	76.187	ng	100
80) Benzo(a)anthracene	14.04	228	680349	47.588	ng	95
82) Chrysene	14.07	228	629760	45.488	ng	97
85) Indeno(1,2,3-cd)pyrene	16.84	276	42557	3.800	ng	94
87) Benzo(b)fluoranthene	15.09	252	936572	63.394	ng	97
88) Benzo(k)fluoranthene	15.09	252	936572	67.094	ng	99
89) Benzo(a)pyrene	15.46	252	508397	38.817	ng	97
90) Dibenzo(a,h)anthracene	17.02	278	55869	5.216	ng	# 94
91) Benzo(g,h,i)perylene	17.46	276	187963	17.927	ng	92

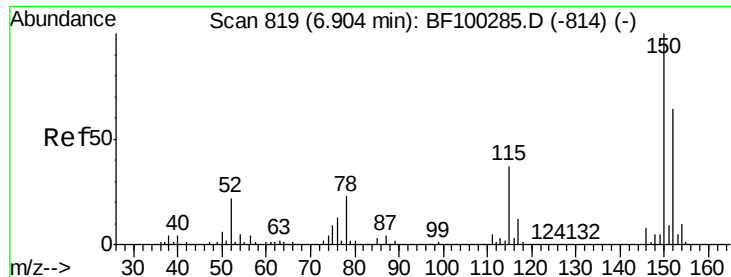
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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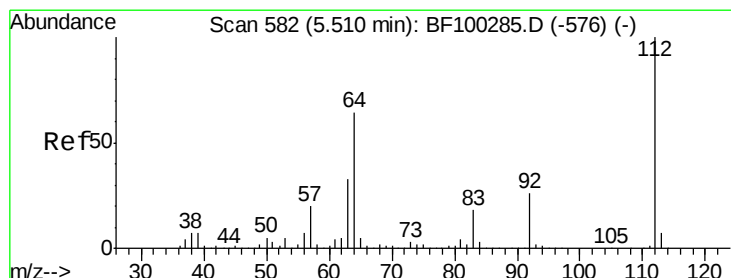
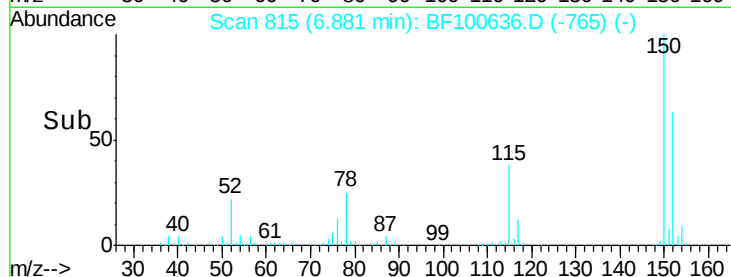
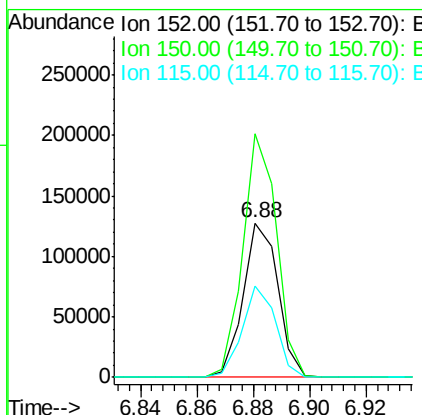
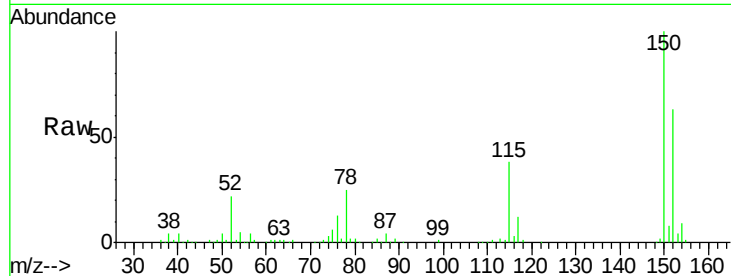




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100636.D
 Acq: 16 Nov 2017 17:47

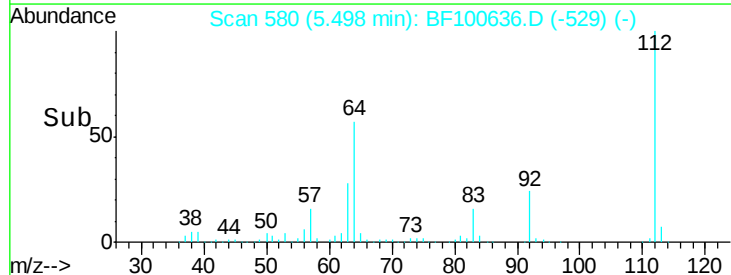
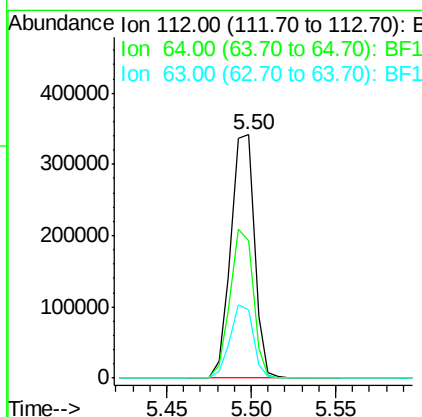
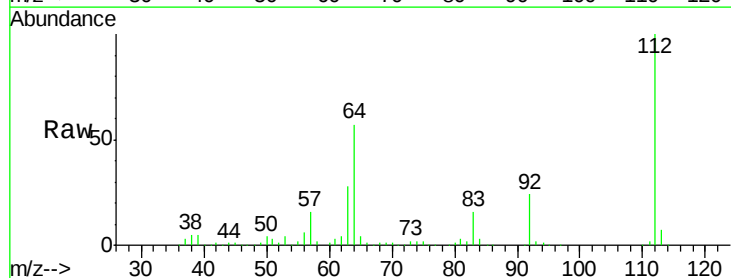
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-111317-D

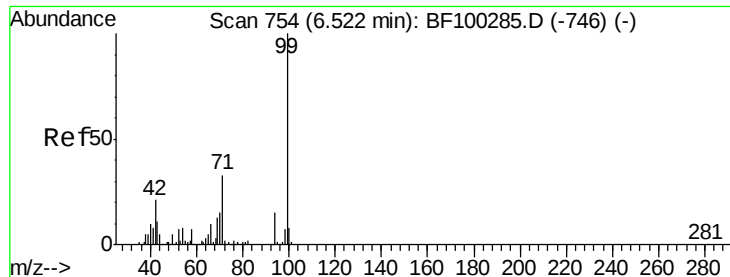
Tgt Ion:152 Resp: 108912
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 59.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 49.122 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF100636.D
 Acq: 16 Nov 2017 17:47

Tgt Ion:112 Resp: 333750
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 27.8 23.7 35.5





#7

Phenol-d6

Concen: 47.347 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

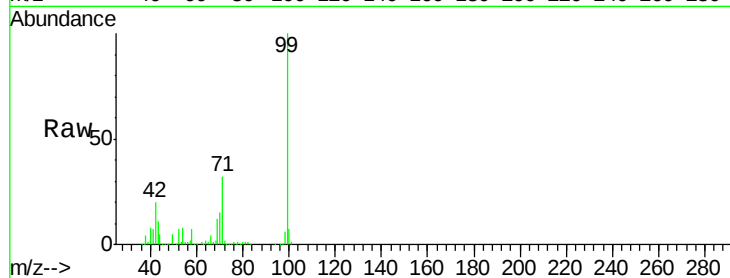
Tgt Ion: 99 Resp: 396684

Ion Ratio Lower Upper

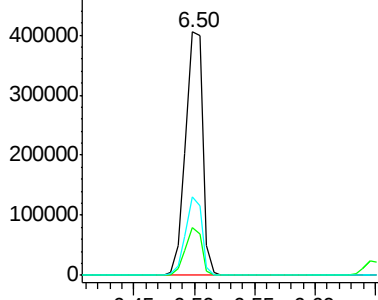
99 100

42 19.5 14.5 21.7

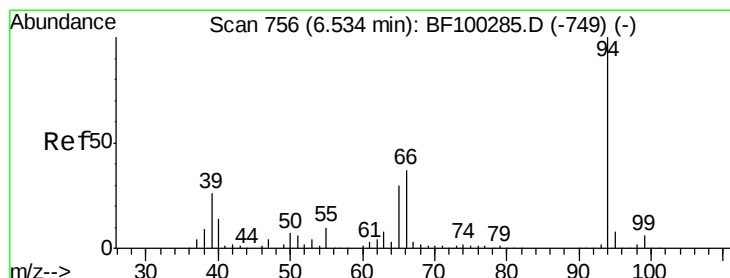
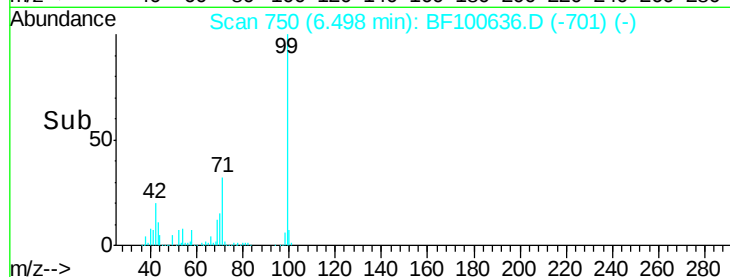
71 32.4 25.4 38.0



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



Time-->



#10

Phenol

Concen: 2.142 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

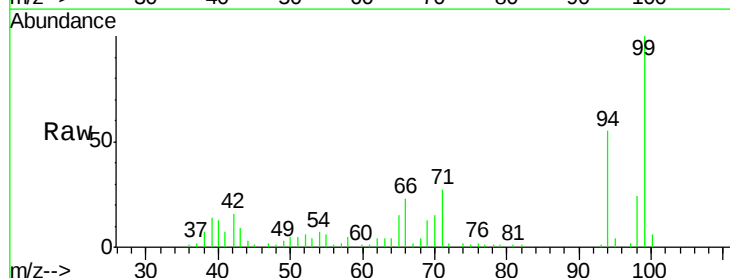
Tgt Ion: 94 Resp: 18836

Ion Ratio Lower Upper

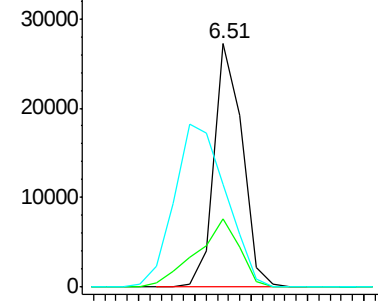
94 100

65 28.1 7.9 47.9

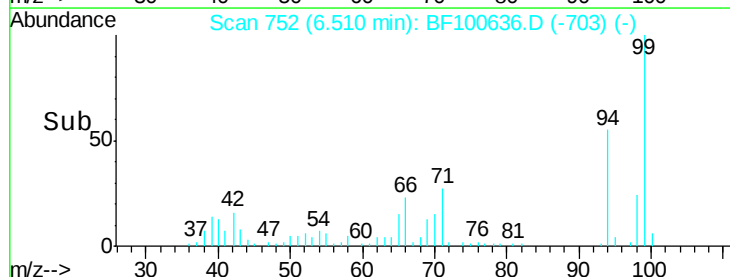
66 42.2 16.2 56.2

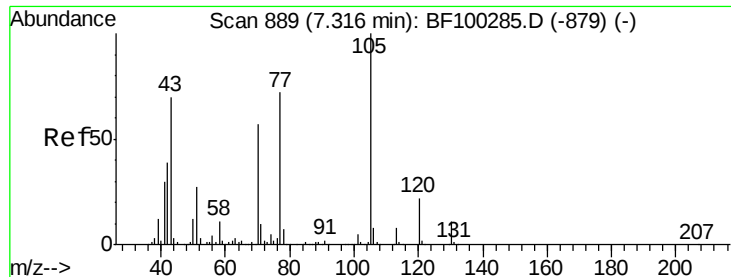


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->

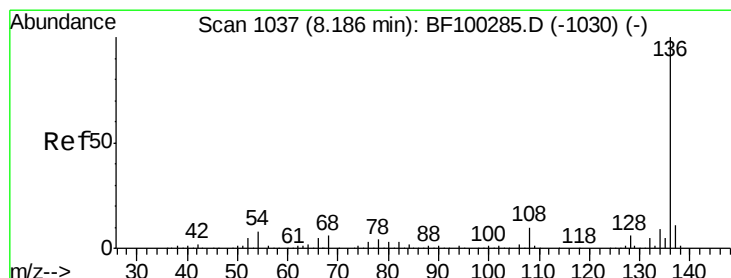
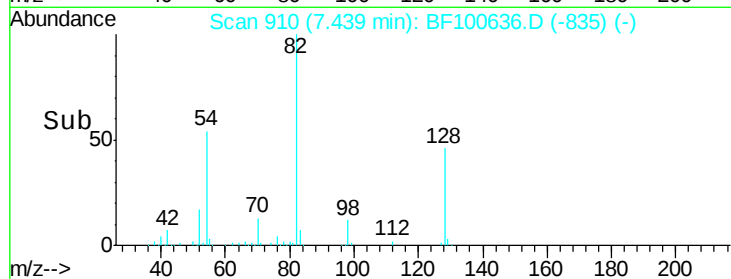
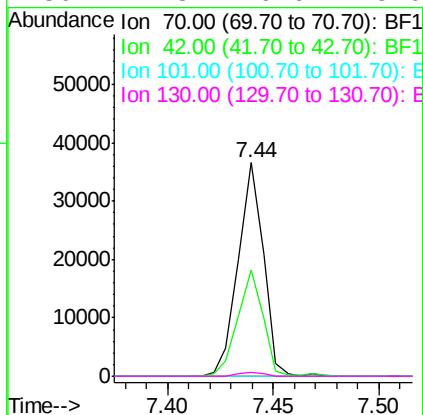
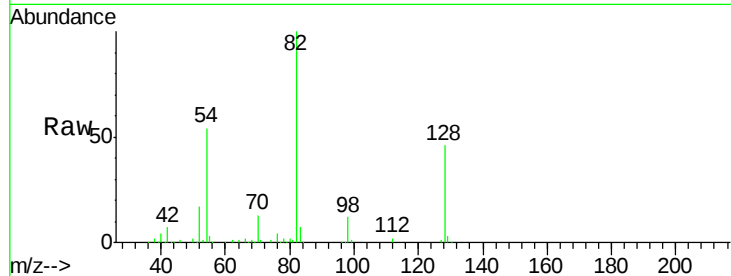




#19
n-Nitroso-di-n-propylamine
Concen: 5.203 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

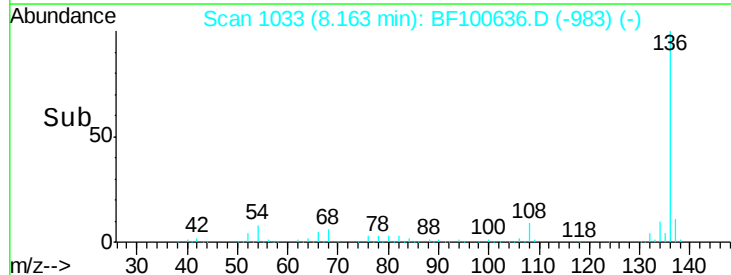
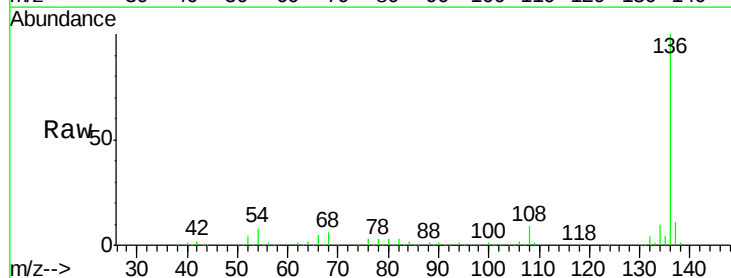
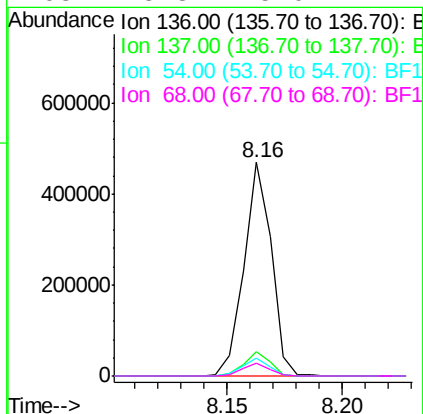
Instrument :
BNA_F
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PL-01-111317-D

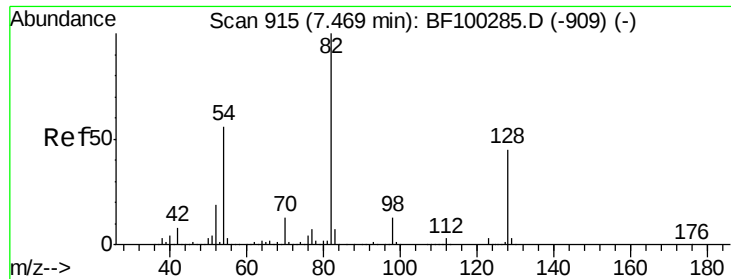
Tgt Ion: 70 Resp: 30234
Ion Ratio Lower Upper
70 100
42 49.8 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

Tgt Ion: 136 Resp: 389928
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.4 6.6 9.8
68 5.8 5.0 7.4

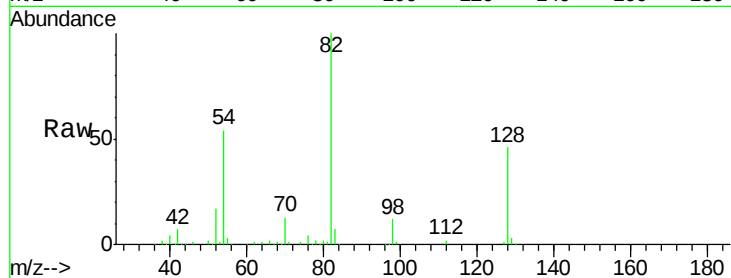




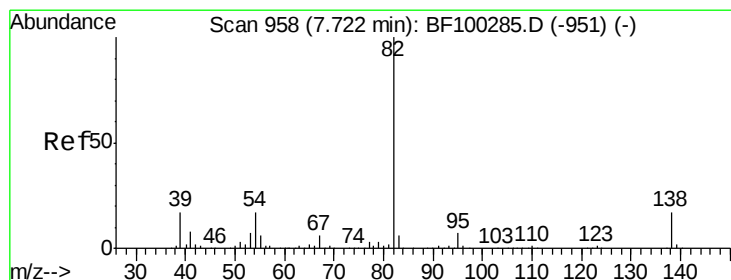
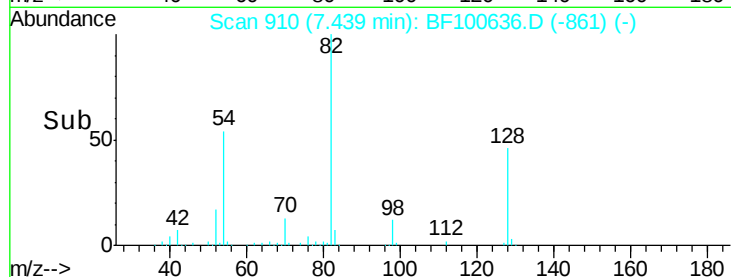
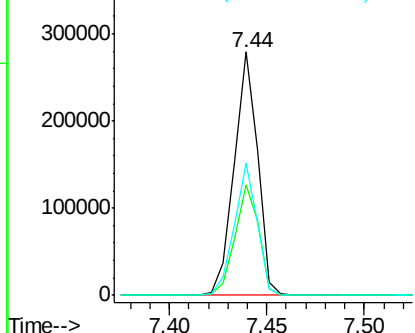
#23
Nitrobenzene-d5
Concen: 39.551 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

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

Tgt Ion: 82 Resp: 233267
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 54.1 41.4 62.2

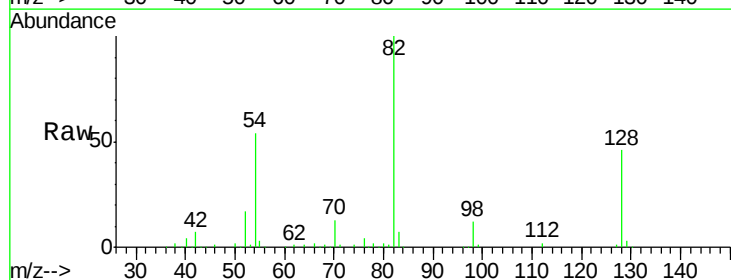


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

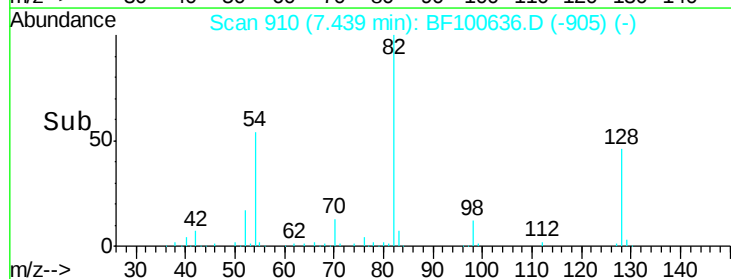
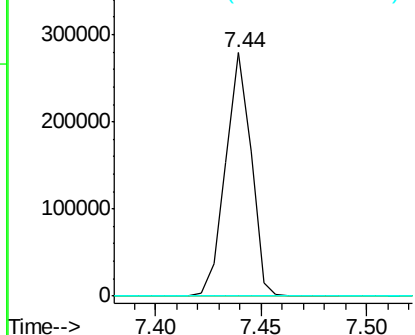


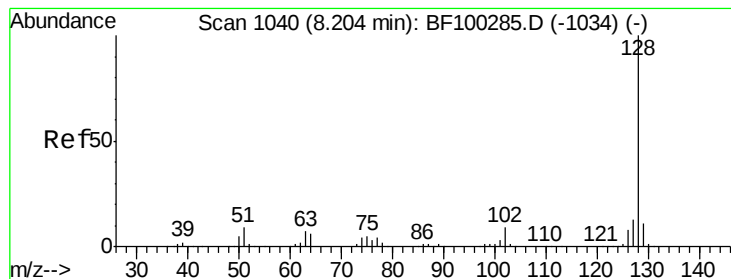
#25
Isophorone
Concen: 18.821 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

Tgt Ion: 82 Resp: 233262
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: 6.567 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

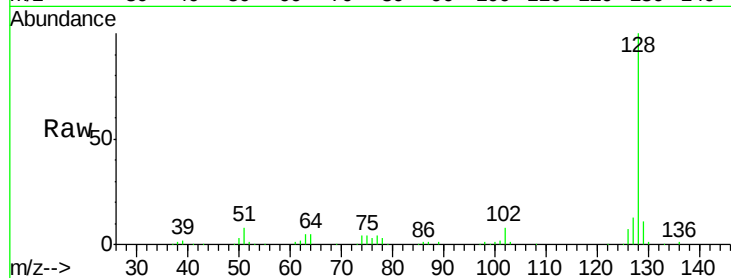
Tgt Ion:128 Resp: 123339

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

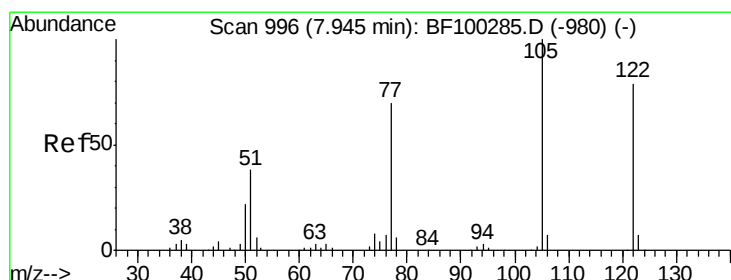
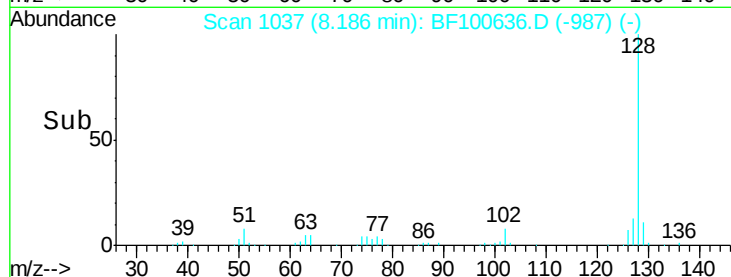
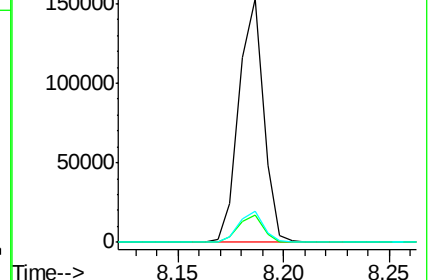
127 12.8 10.9 16.3



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: 9.443 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

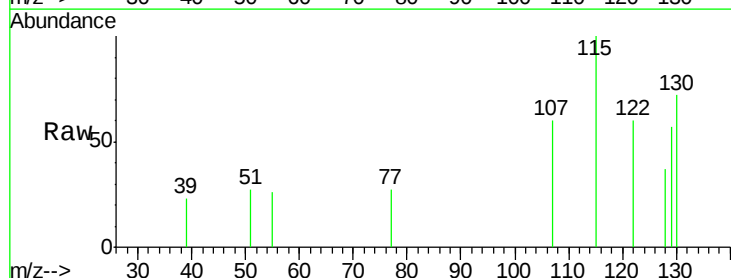
Tgt Ion:122 Resp: 382

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

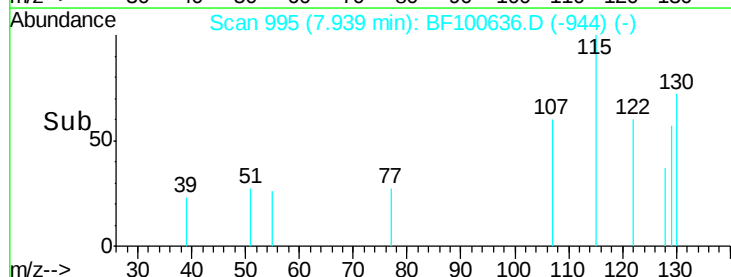
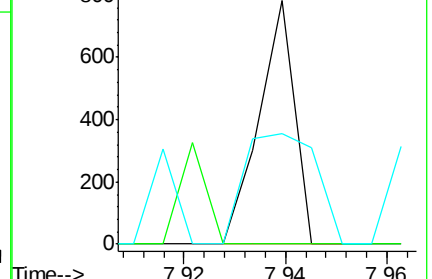
77 45.4 70.7 110.7#

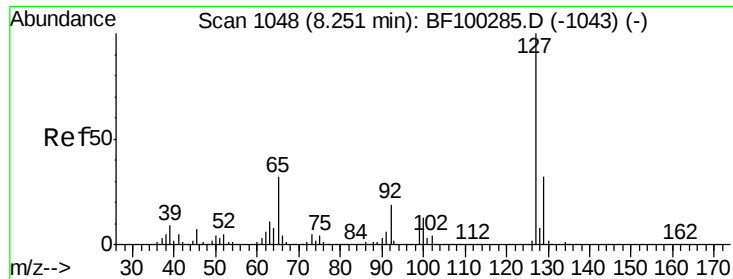


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

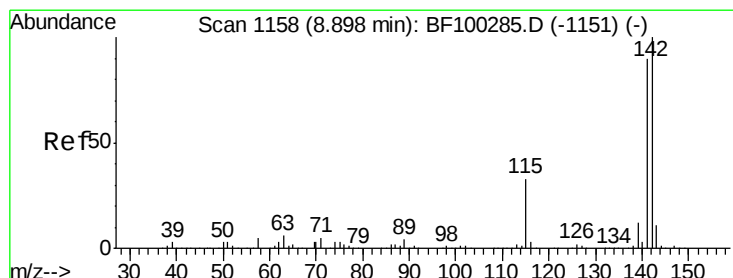
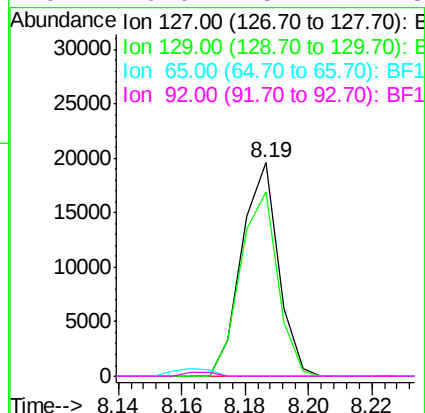
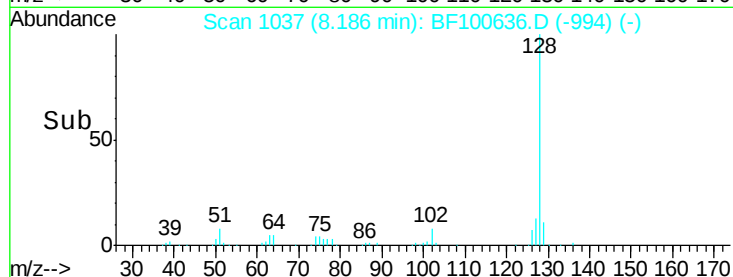
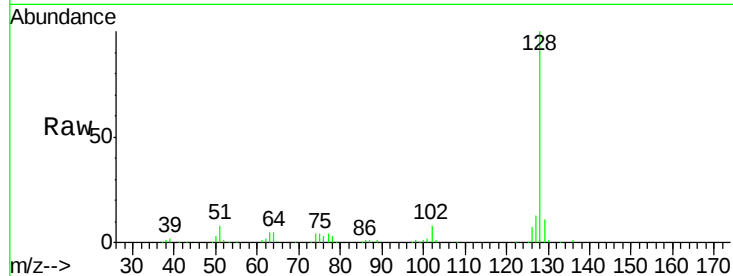




#33
4-Chloroaniline
Concen: 2.009 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

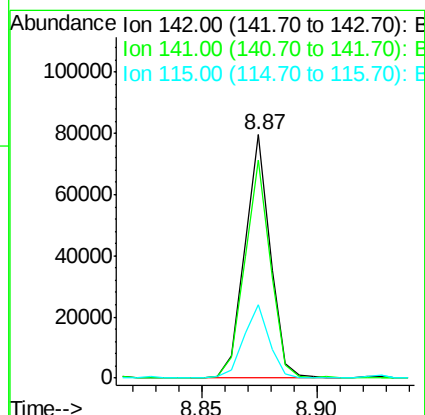
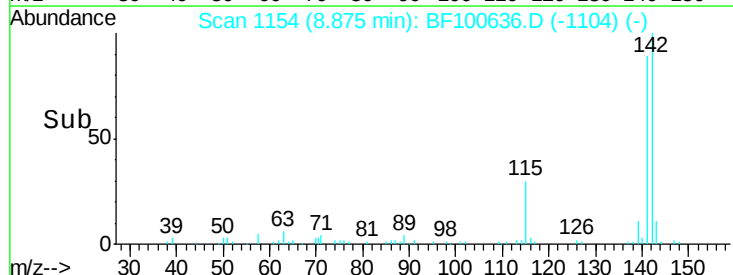
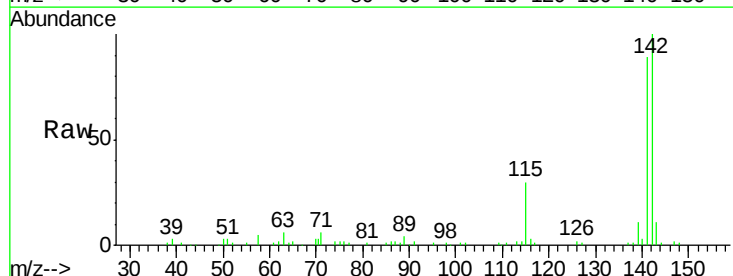
Instrument :
BNA_F
ClientSampleId :
PL-01-111317-D

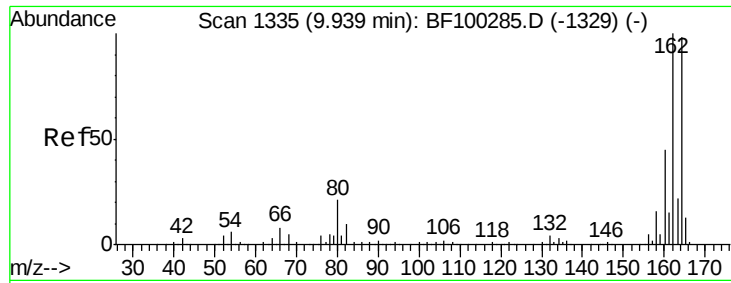
Tgt Ion:	127	Resp:	15705
Ion	Ratio	Lower	Upper
127	100		
129	86.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 4.899 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

Tgt Ion:	142	Resp:	61081
Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	30.4	26.1	39.1

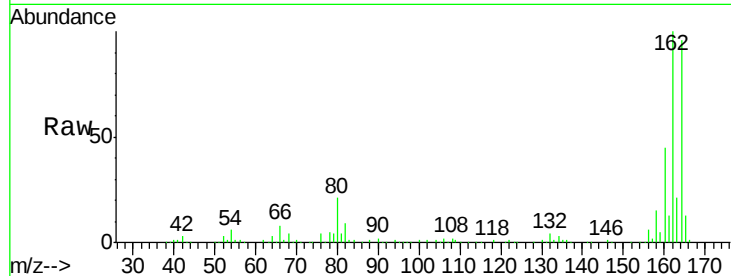




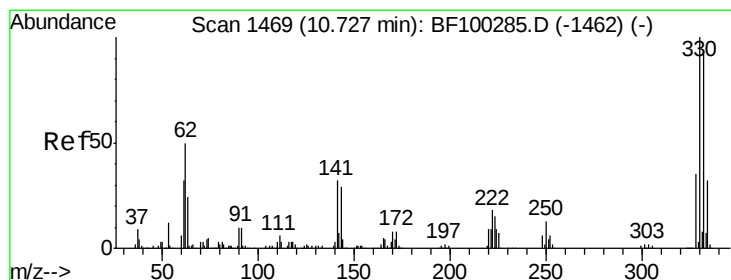
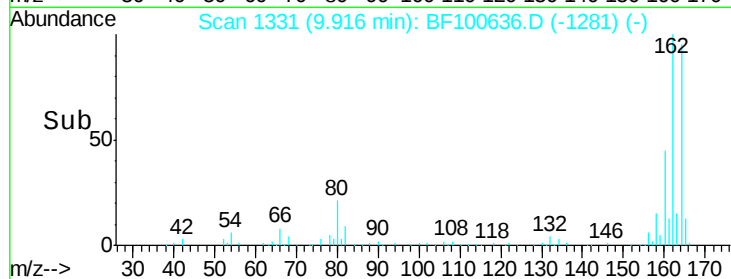
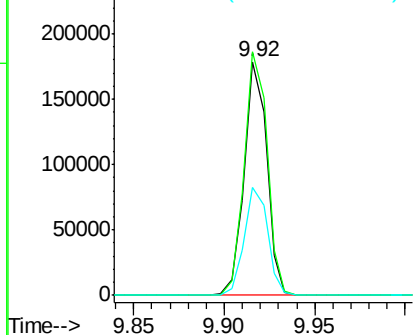
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

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

Tgt Ion:164 Resp: 155174
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 46.4 38.3 57.5

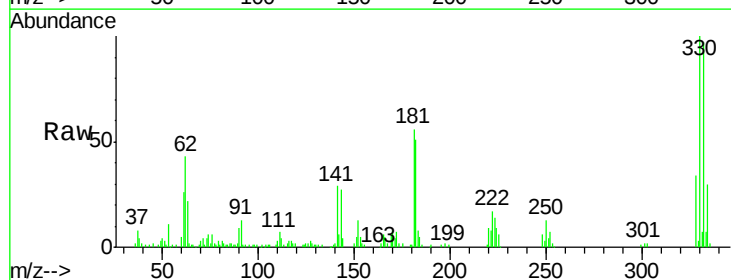


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

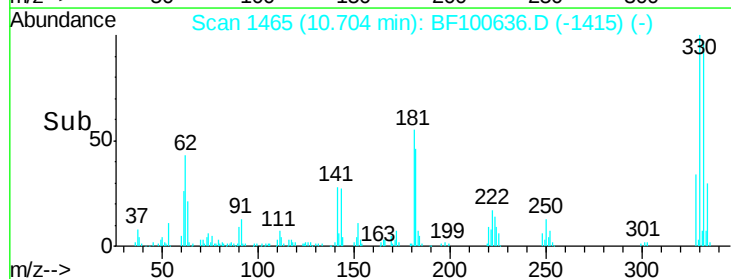
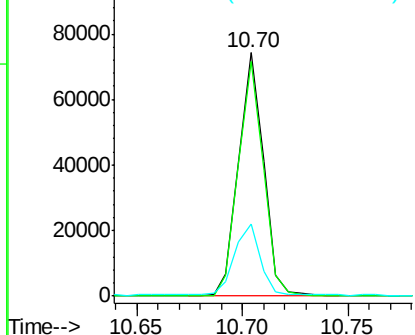


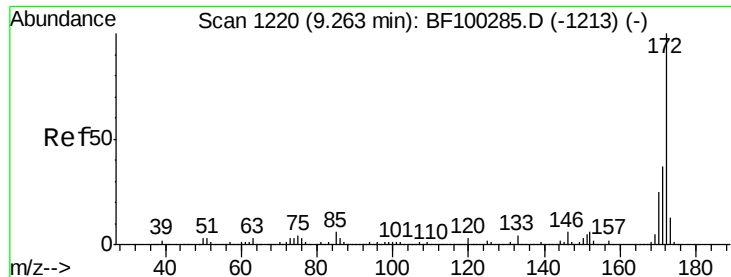
#41
2,4,6-Tribromophenol
Concen: 38.521 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

Tgt Ion:330 Resp: 60911
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 29.6 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

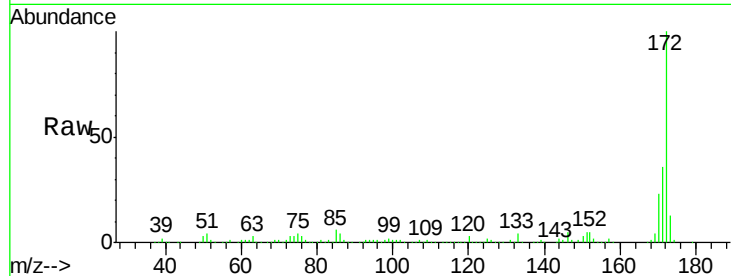




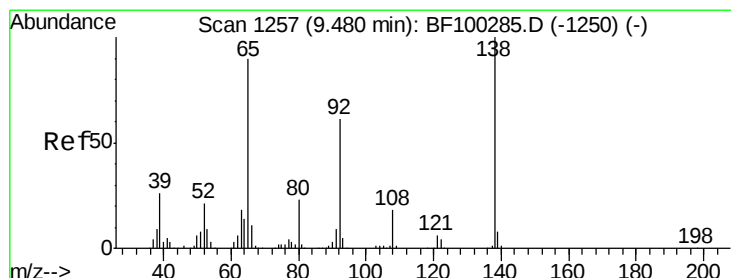
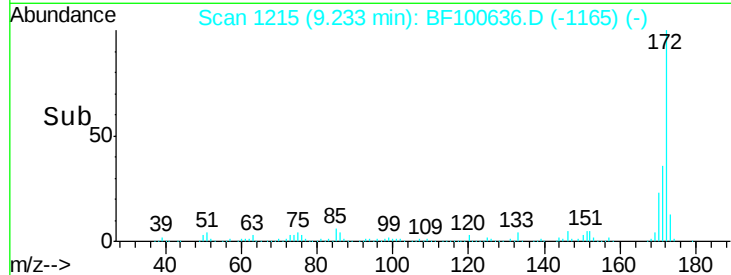
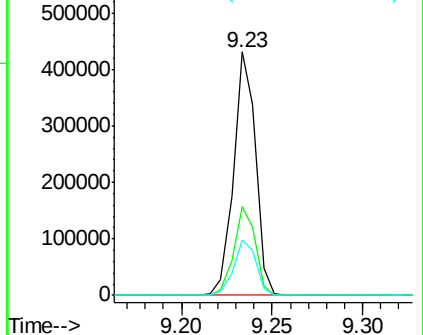
#44
 2-Fluorobiphenyl
 Concen: 35.679 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100636.D
 Acq: 16 Nov 2017 17:47

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

Tgt Ion: 172 Resp: 363595
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.0 19.6 29.4

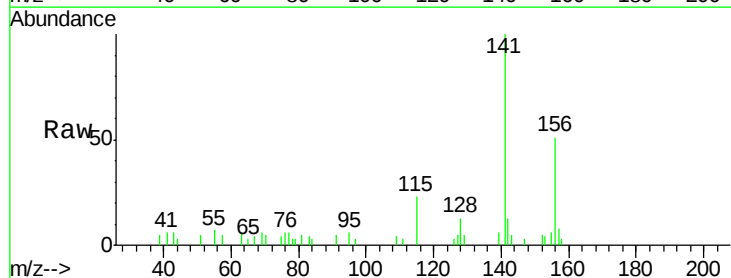


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

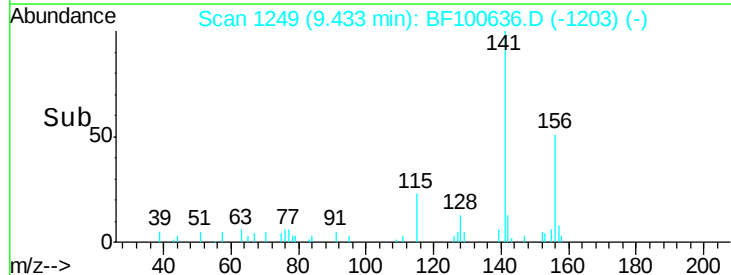
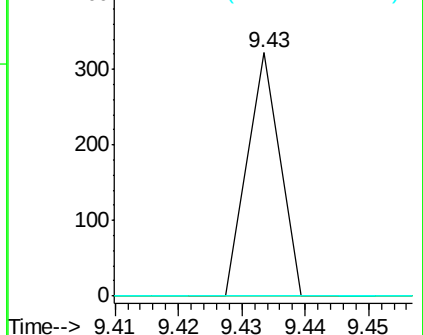


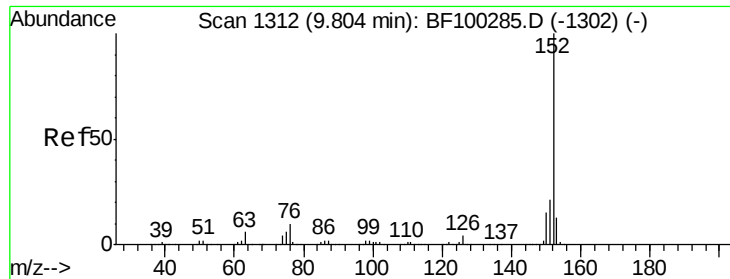
#47
 2-Nitroaniline
 Concen: 2.821 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.03 min
 Lab File: BF100636.D
 Acq: 16 Nov 2017 17:47

Tgt Ion: 65 Resp: 114
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



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

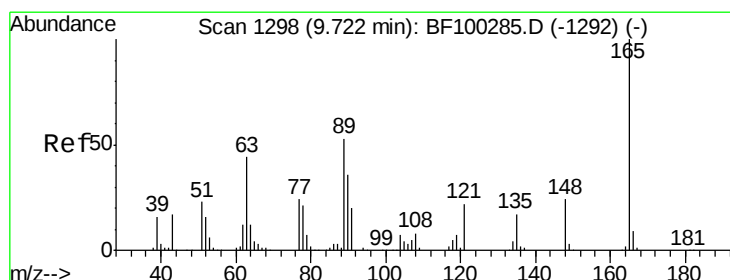
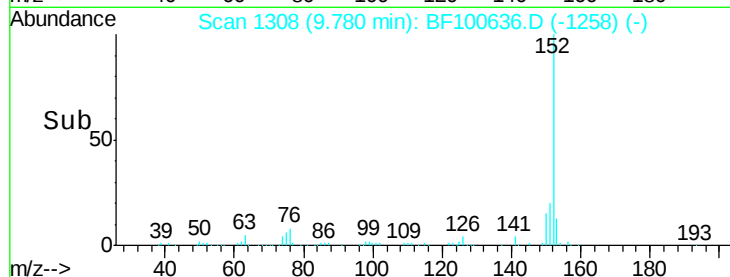
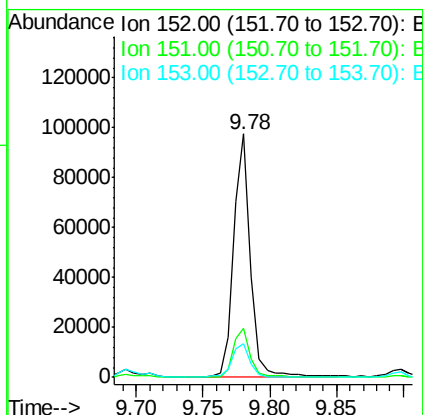
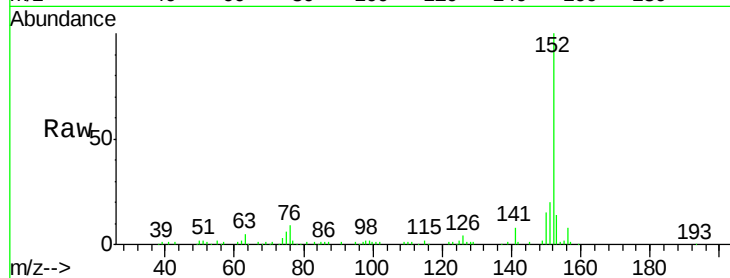




#48
Acenaphthylene
Concen: 5.387 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

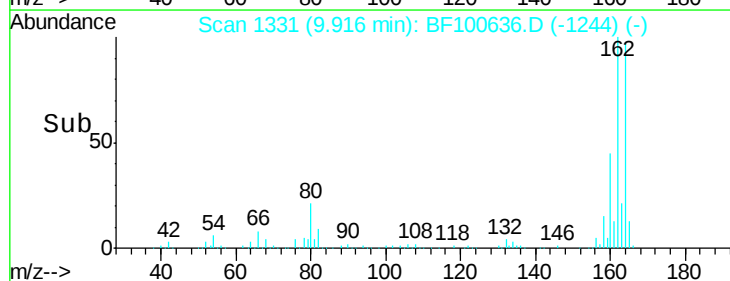
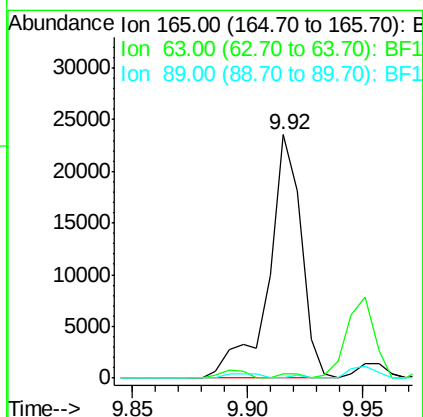
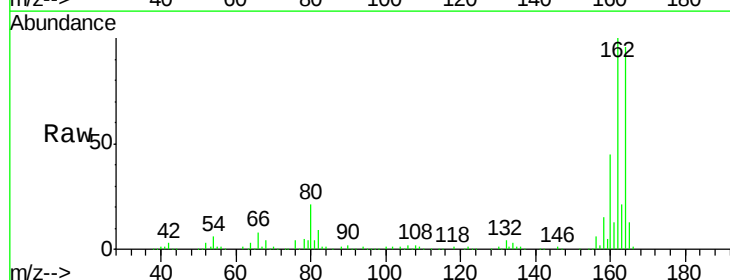
Instrument :
BNA_F
ClientSampleId :
PL-01-111317-D

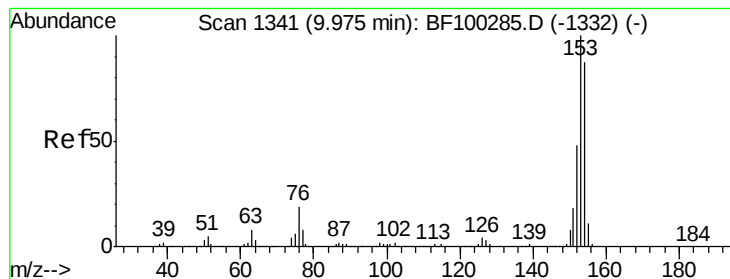
Tgt Ion:152 Resp: 86927
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 14.0 10.7 16.1



#50
2,6-Dinitrotoluene
Concen: 9.837 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

Tgt Ion:165 Resp: 23069
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 0.0 44.0 66.0#





#51

Acenaphthene

Concen: 8.239 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

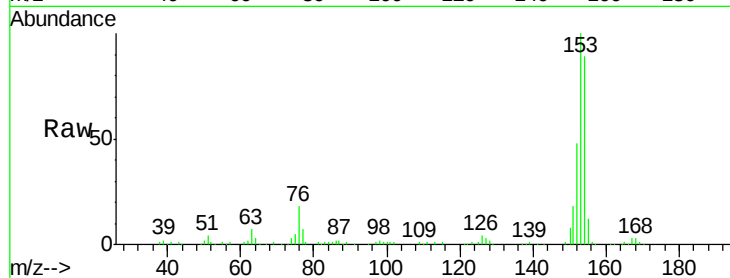
Tgt Ion:154 Resp: 80852

Ion Ratio Lower Upper

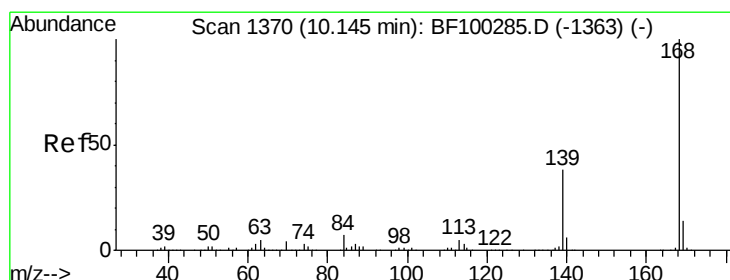
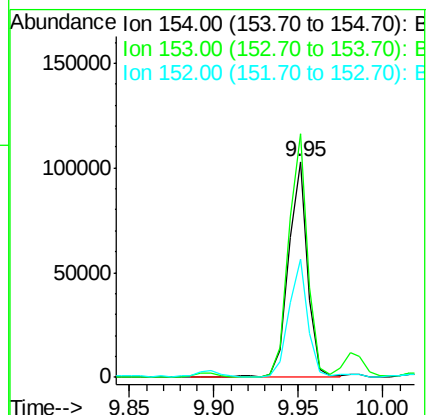
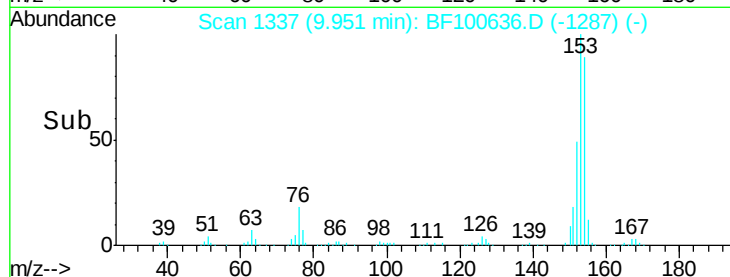
154 100

153 112.9 91.2 136.8

152 54.6 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: 10.049 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

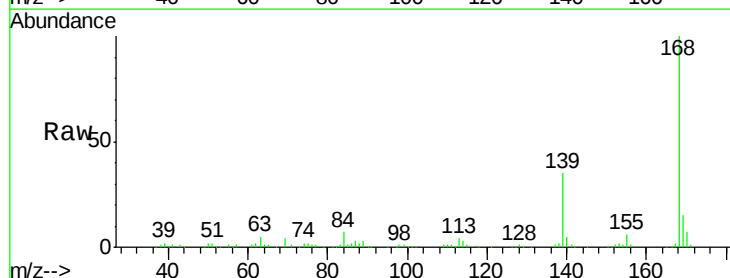
Tgt Ion:168 Resp: 138217

Ion Ratio Lower Upper

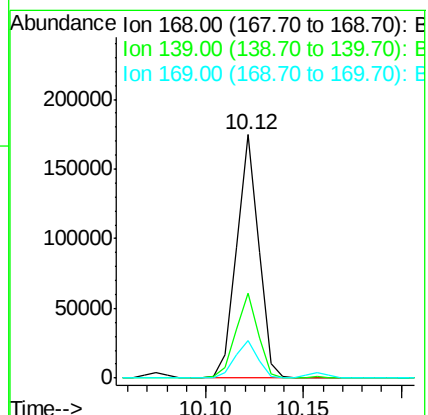
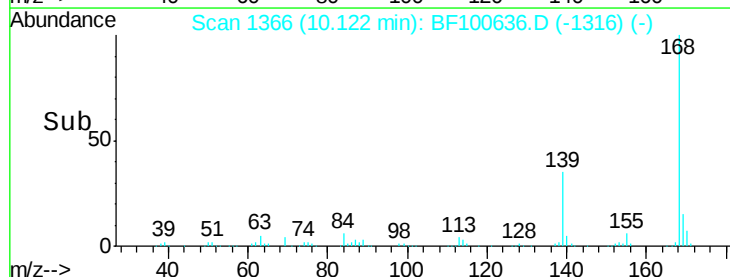
168 100

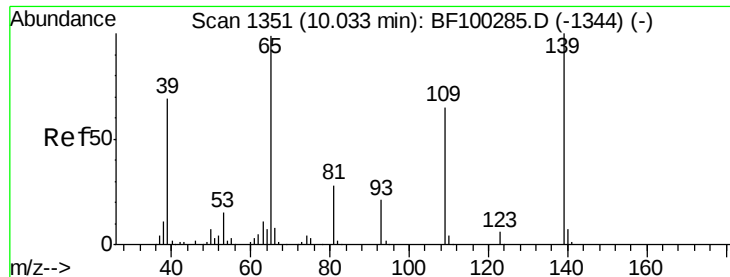
139 34.8 30.1 45.1

169 15.5 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

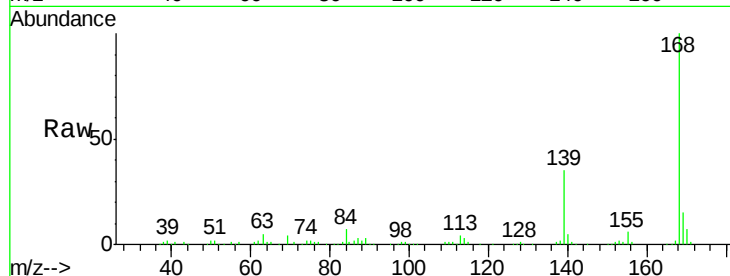




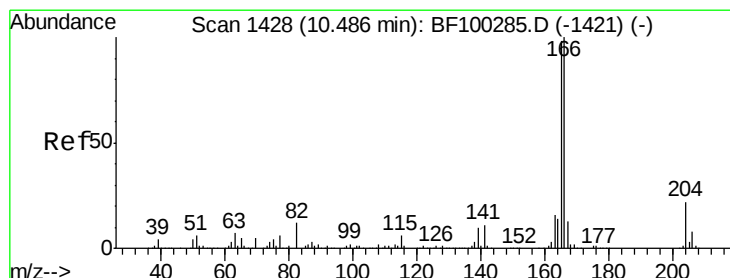
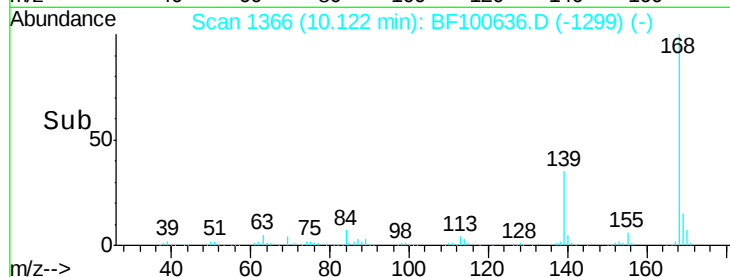
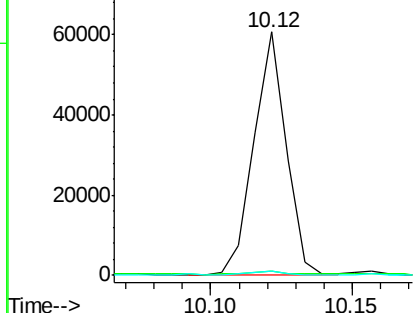
#55
4-Nitrophenol
Concen: 21.523 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

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

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.5	48.4	88.4#
65	1.5	72.6	112.6#

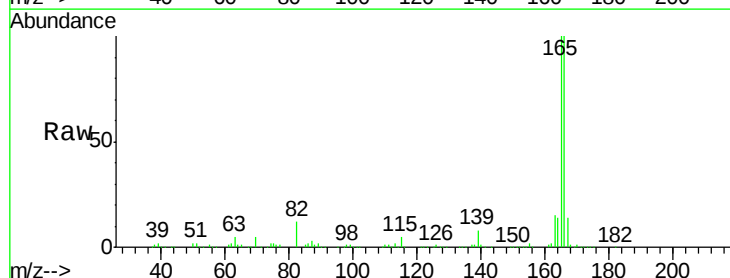


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

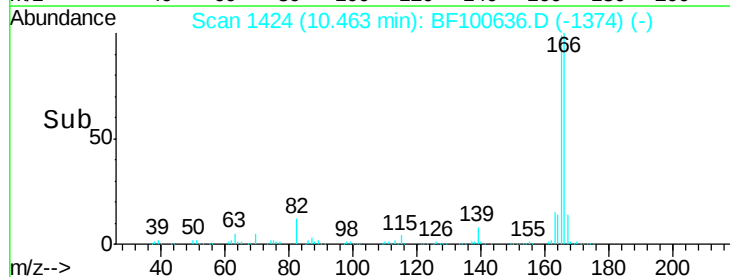
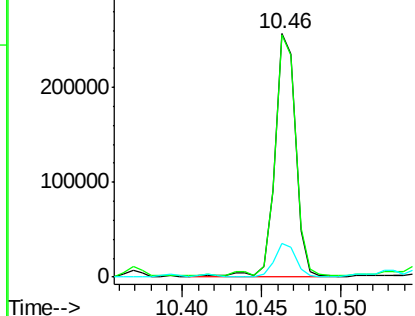


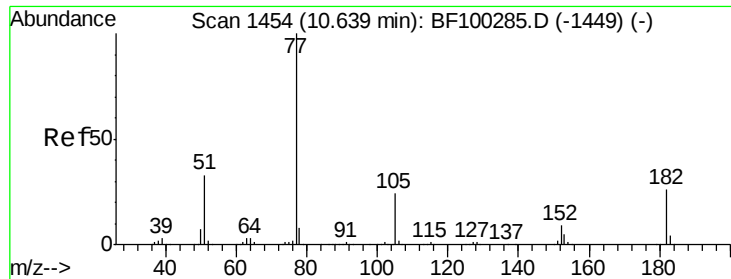
#57
Fluorene
Concen: 23.271 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	14.0	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





#62

Azobenzene

Concen: 3.054 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

Tgt Ion: 77 Resp: 34101

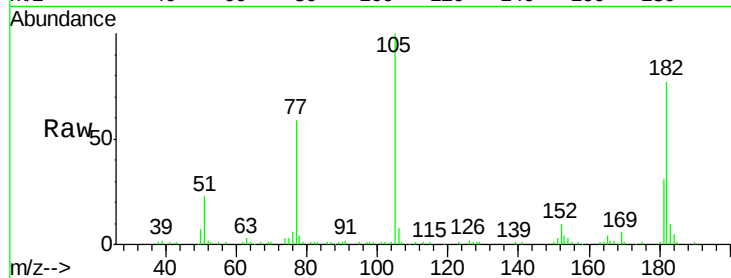
Ion Ratio Lower Upper

77 100

182 129.8 1.7 41.7#

105 169.1 3.0 43.0#

51 39.6 9.9 49.9

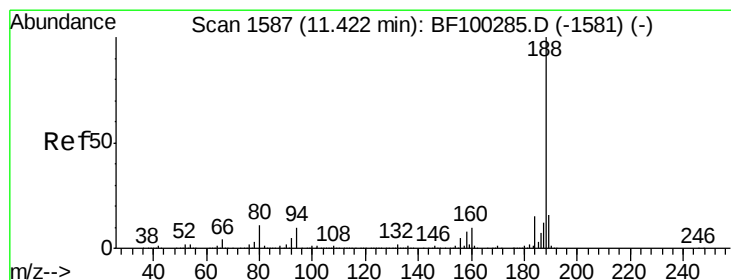
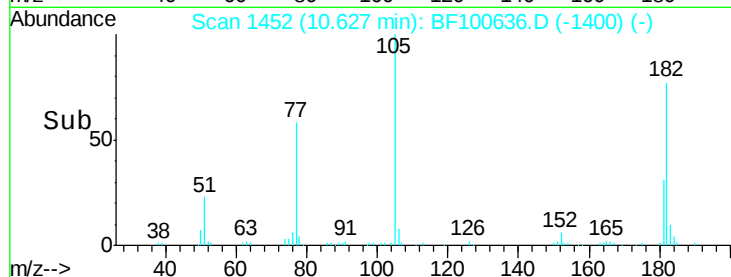
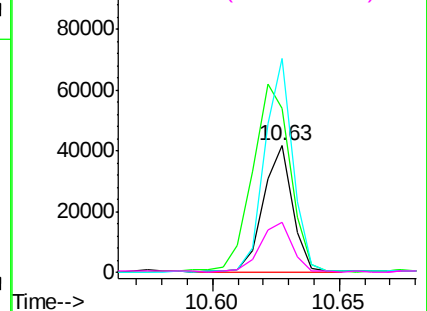


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

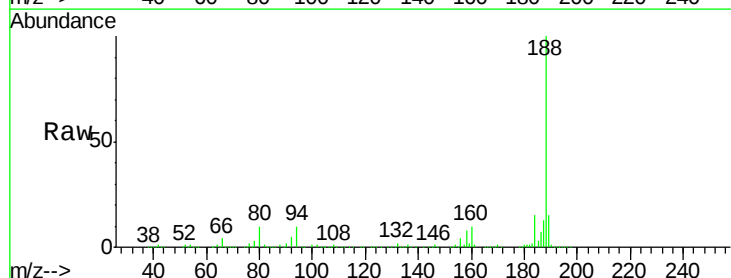
Tgt Ion: 188 Resp: 253963

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

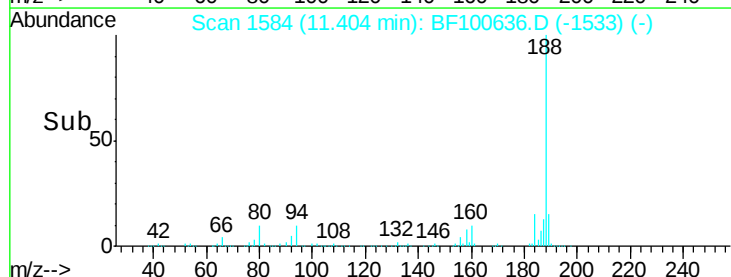
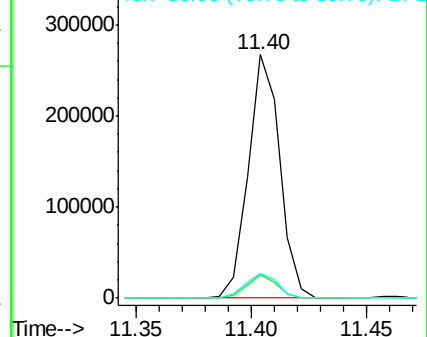
80 10.0 9.2 13.8

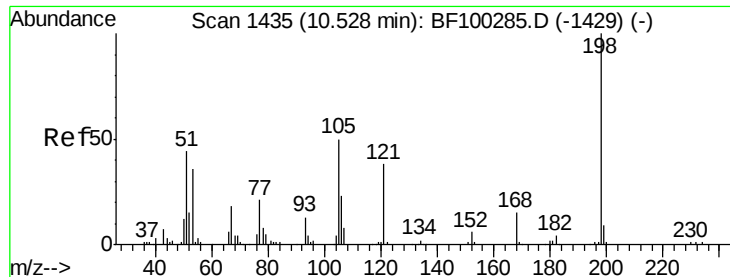


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 8.642 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.26 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

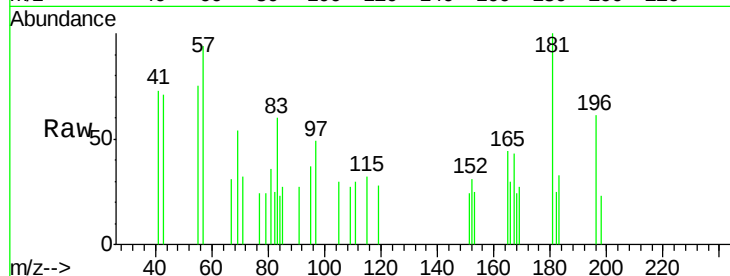
Tgt Ion:198 Resp: 112

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

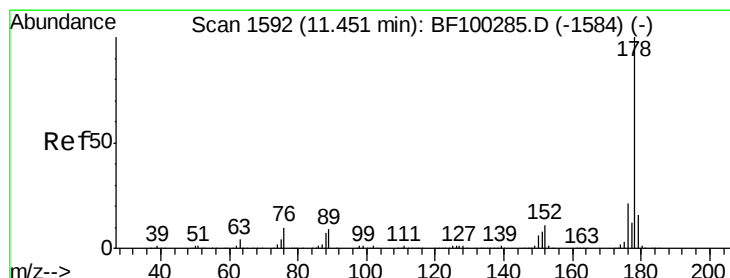
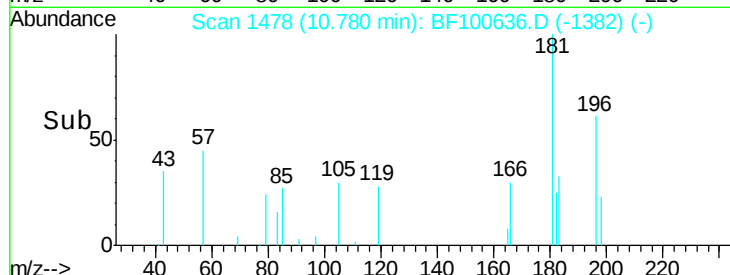
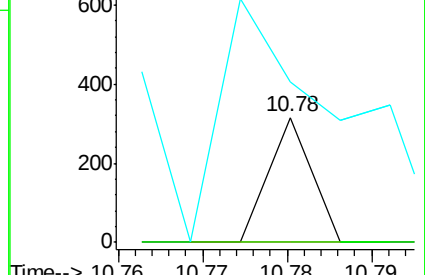
105 128.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 90.413 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

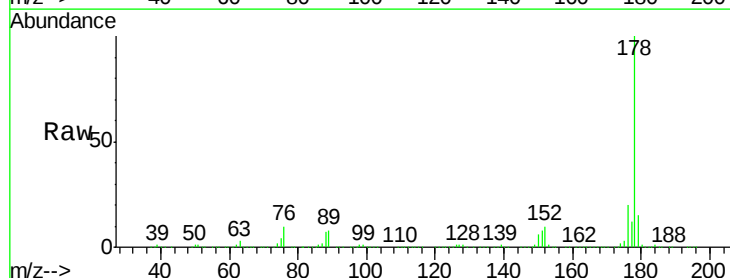
Tgt Ion:178 Resp: 1208953

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

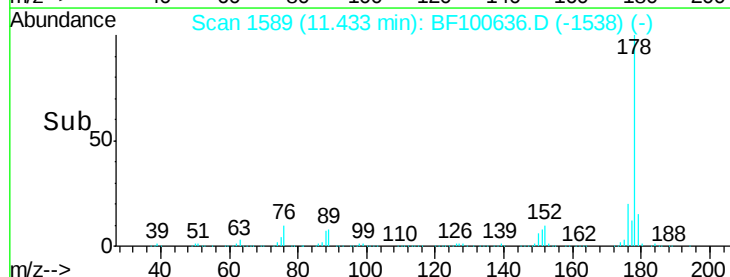
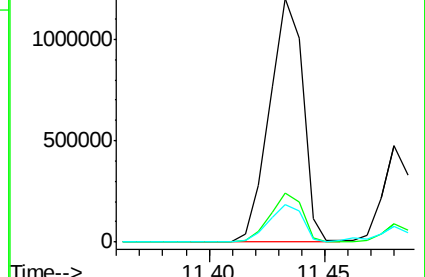
179 15.3 13.0 19.6

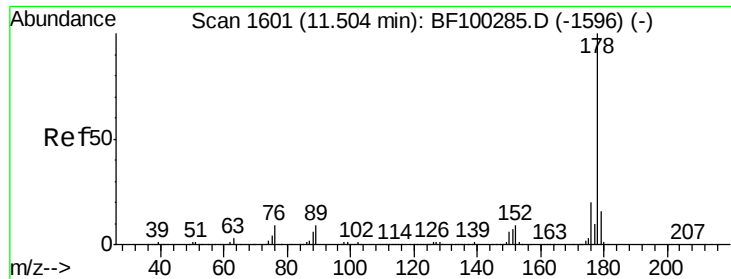


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

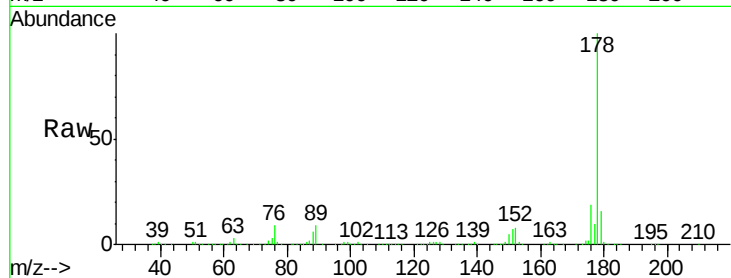




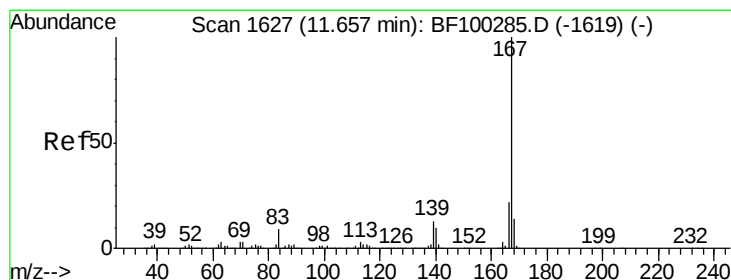
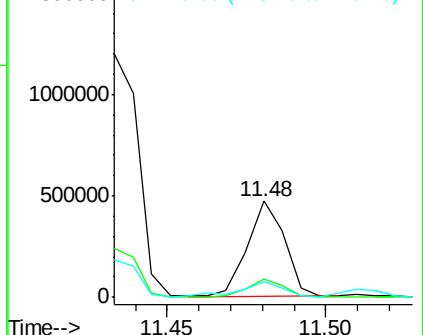
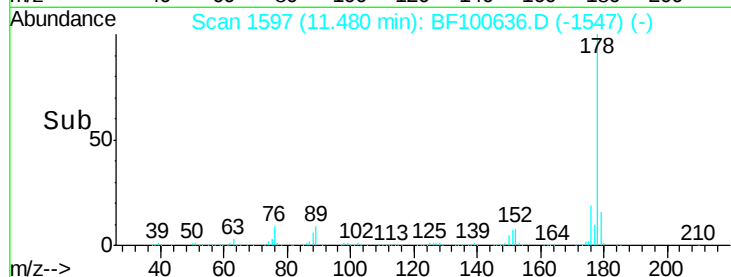
#71
 Anthracene
 Concen: 28.299 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF100636.D
 Acq: 16 Nov 2017 17:47

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

Tgt Ion:178 Resp: 383904
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0

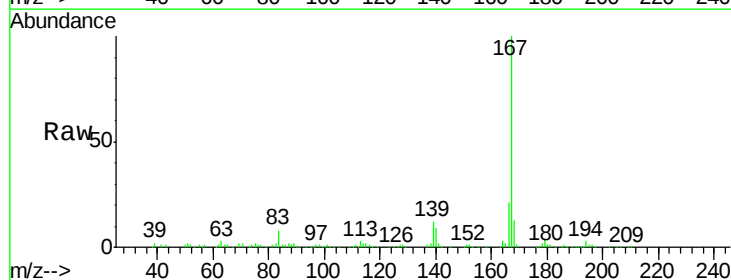


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

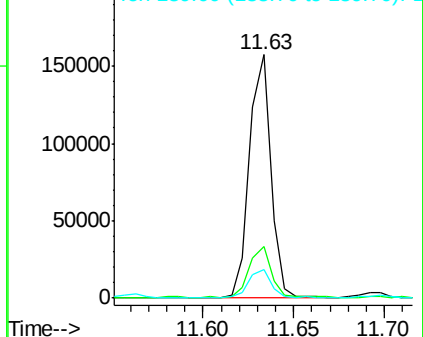
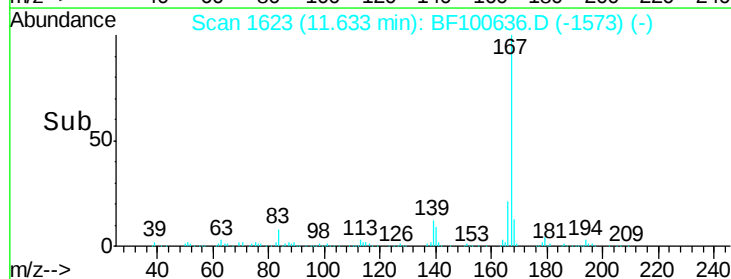


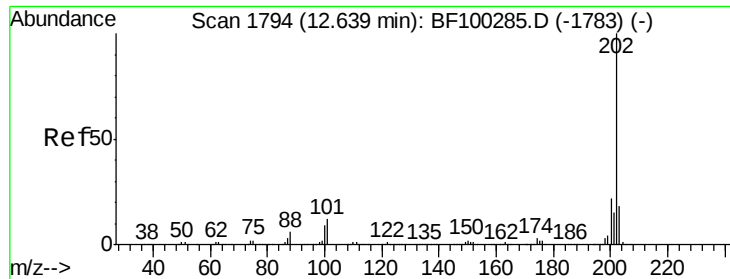
#72
 Carbazole
 Concen: 10.431 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100636.D
 Acq: 16 Nov 2017 17:47

Tgt Ion:167 Resp: 130568
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 11.8 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: 99.213 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

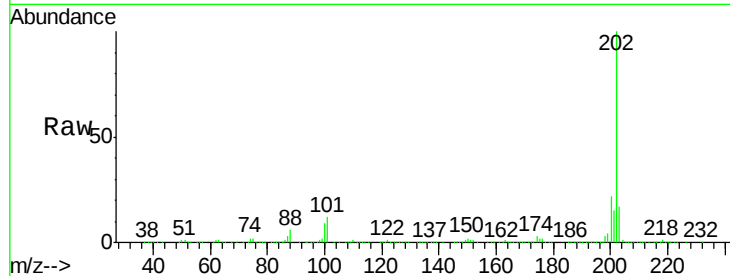
Tgt Ion:202 Resp: 1405968

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

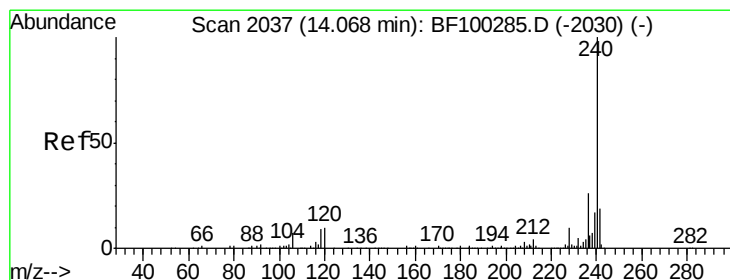
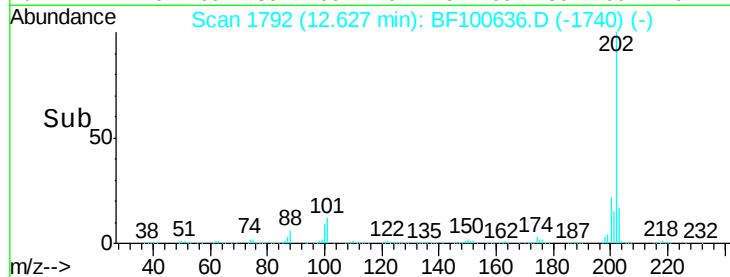
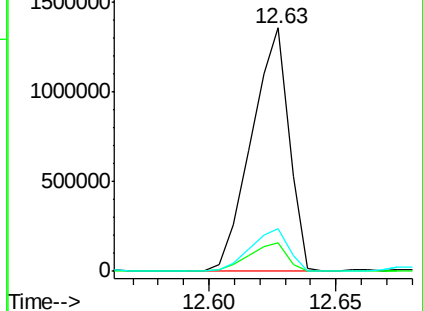
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

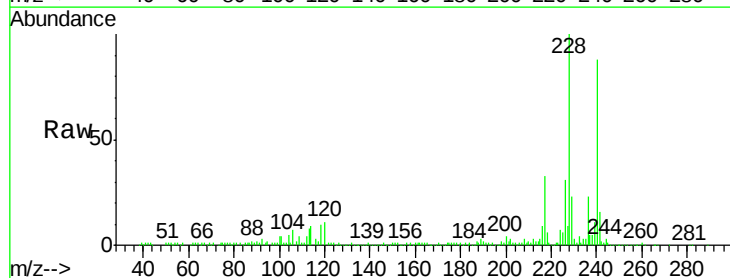
Tgt Ion:240 Resp: 237409

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

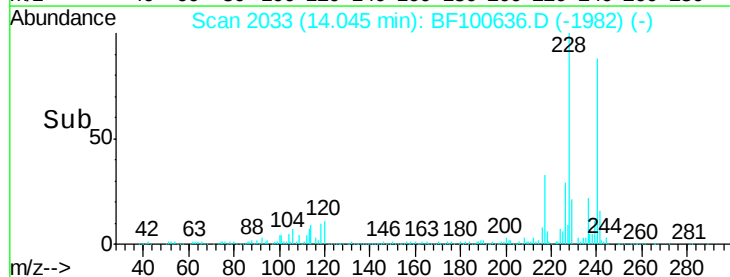
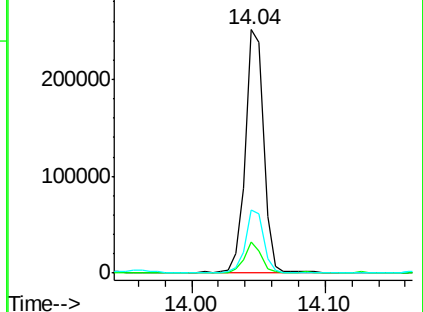
236 25.7 20.7 31.1

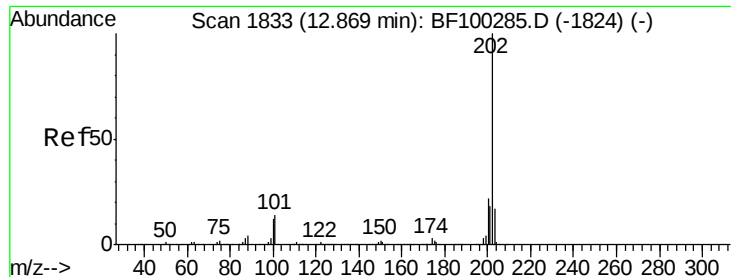


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 76.187 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

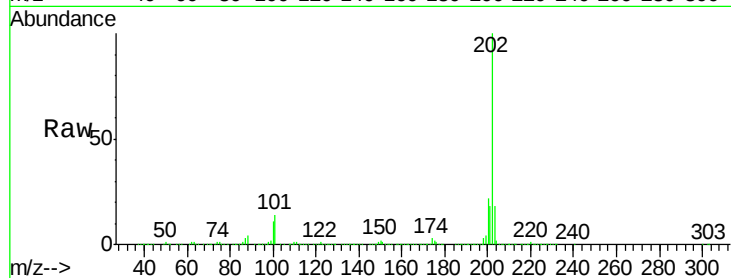
Tgt Ion:202 Resp: 1289354

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

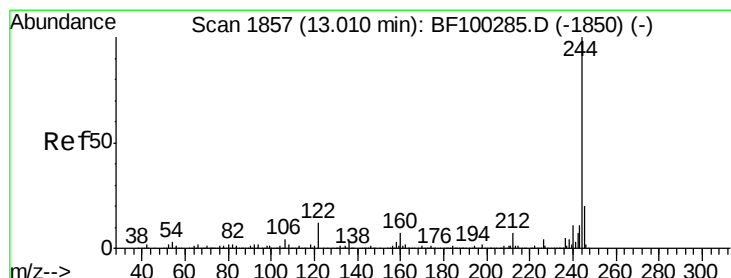
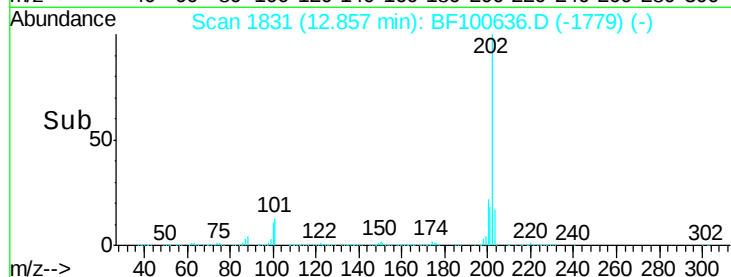
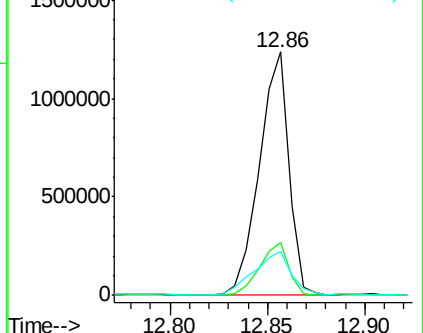
203 18.1 14.3 21.5



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: 25.508 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

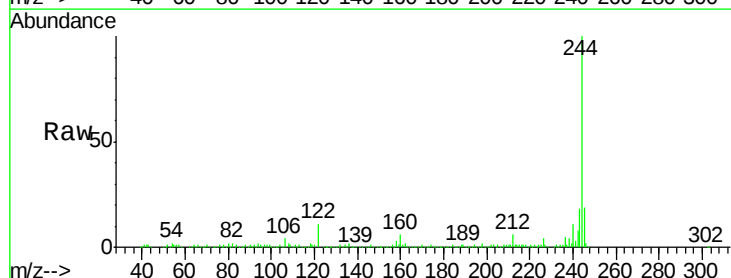
Tgt Ion:244 Resp: 263559

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

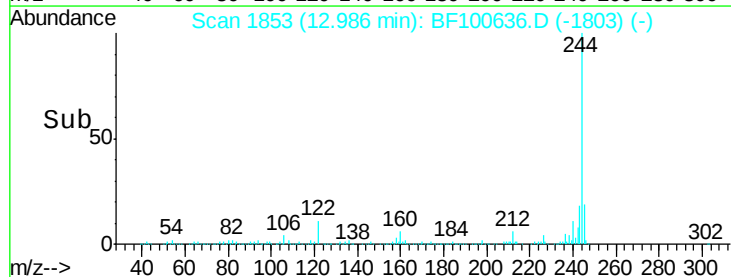
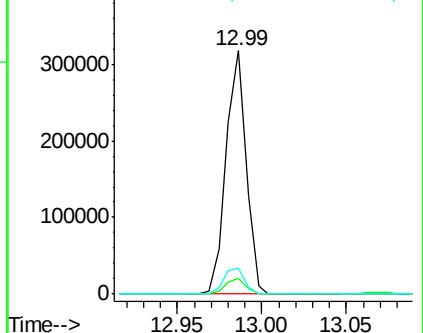
122 10.7 11.0 16.4#

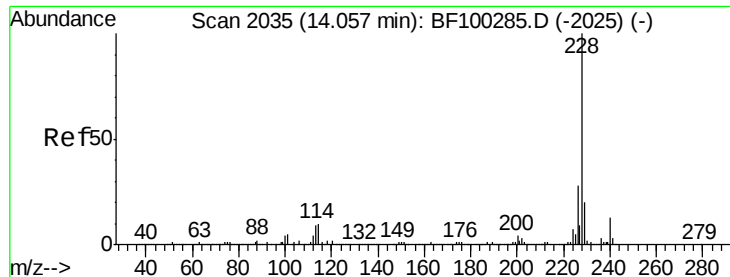


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 47.588 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

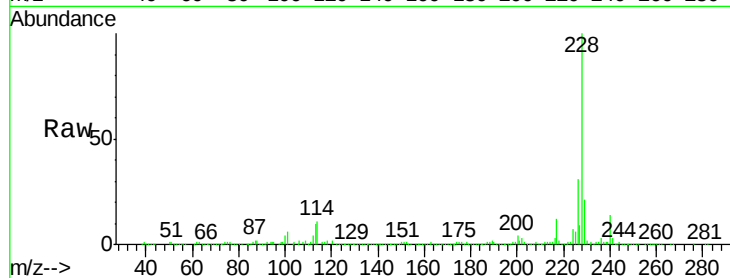
Tgt Ion:228 Resp: 680349

Ion Ratio Lower Upper

228 100

226 31.2 22.6 33.8

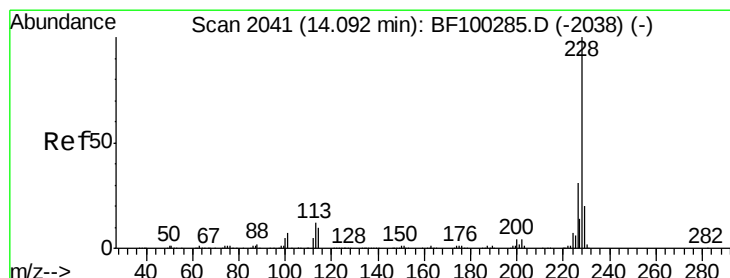
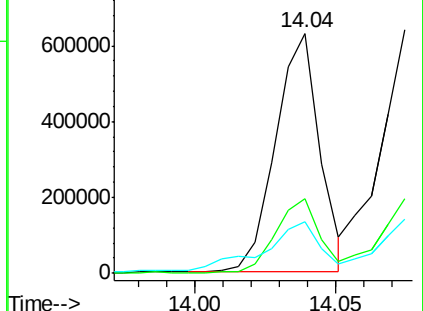
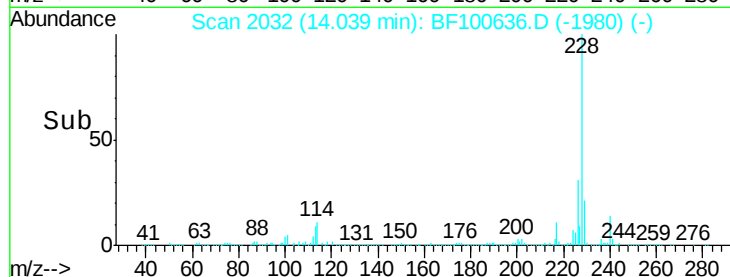
229 21.3 15.8 23.6



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: 45.488 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

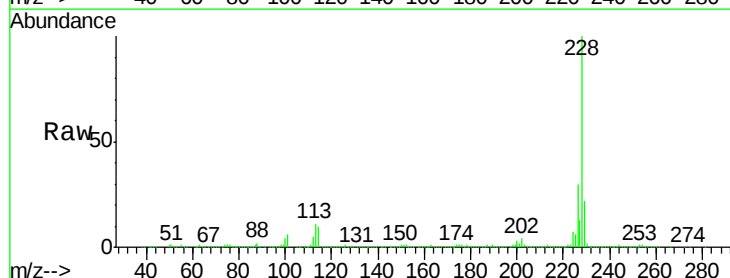
Tgt Ion:228 Resp: 629760

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

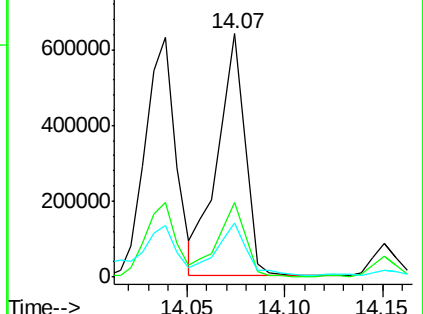
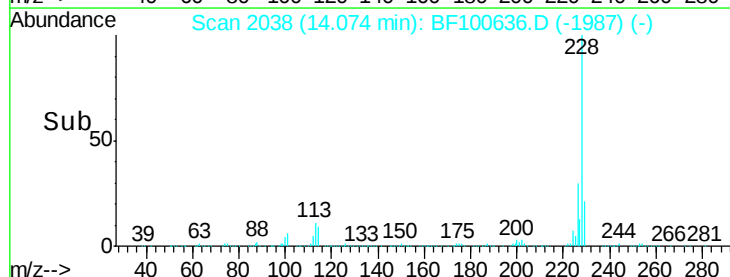
229 22.2 16.2 24.4

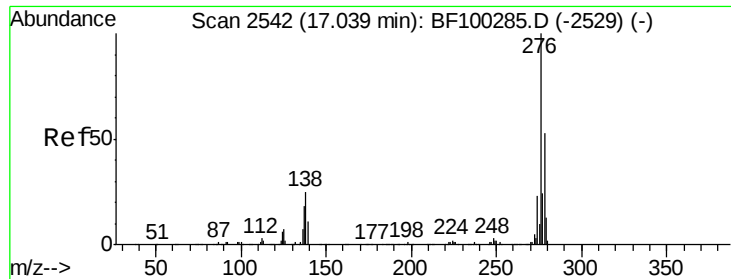


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

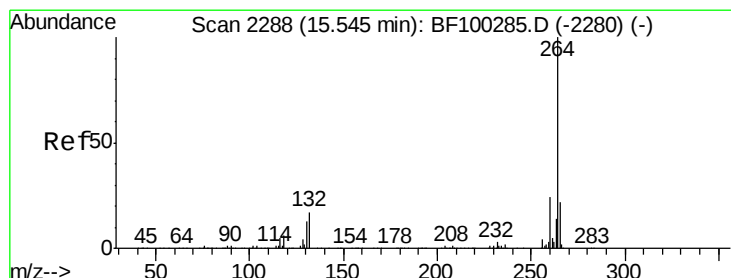
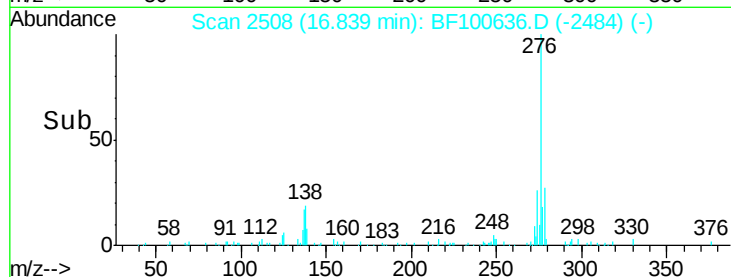
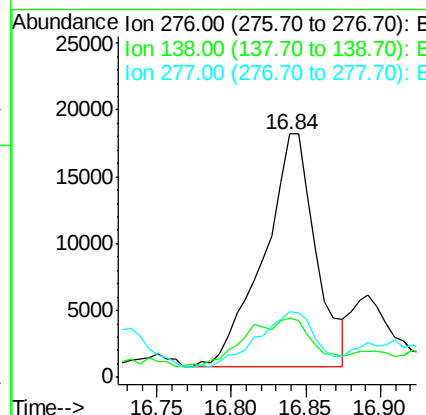
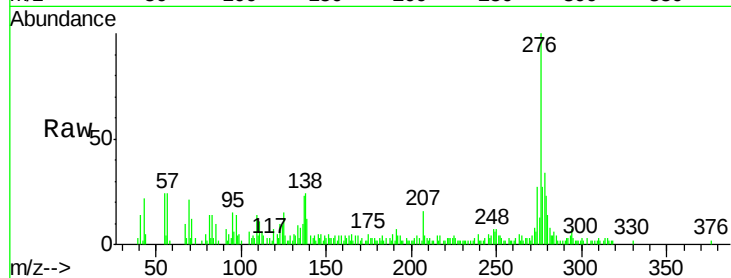




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.800 ng
 RT: 16.84 min Scan# 2508
 Delta R.T. -0.16 min
 Lab File: BF100636.D
 Acq: 16 Nov 2017 17:47

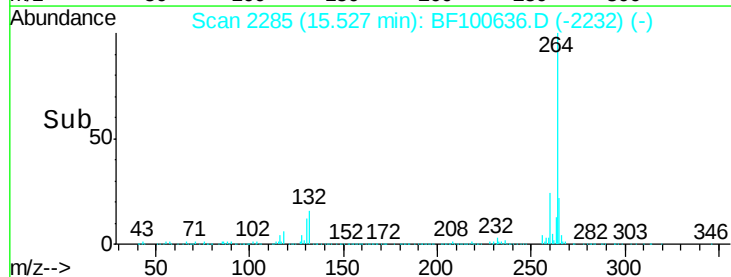
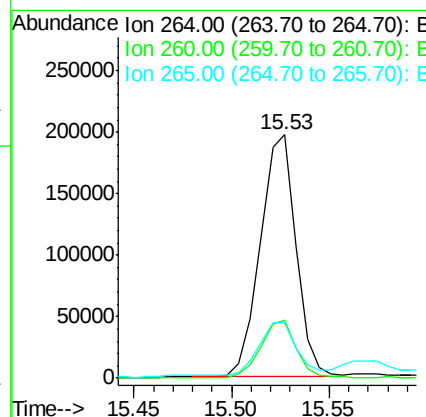
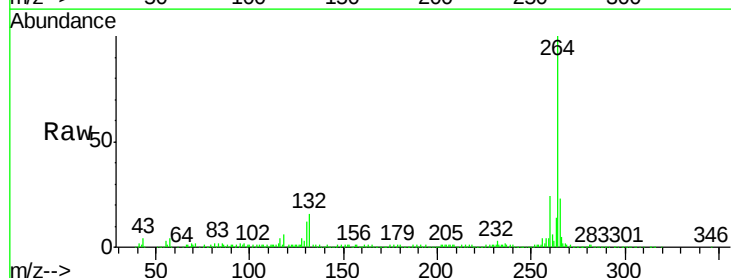
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-111317-D

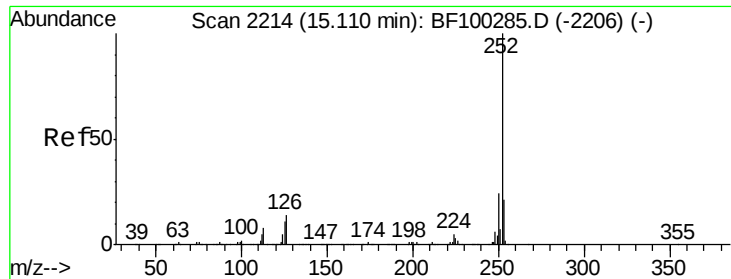
Tgt Ion: 276 Resp: 42557
 Ion Ratio Lower Upper
 276 100
 138 25.6 25.0 37.6
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.01 min
 Lab File: BF100636.D
 Acq: 16 Nov 2017 17:47

Tgt Ion: 264 Resp: 249368
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.7 17.5 26.3

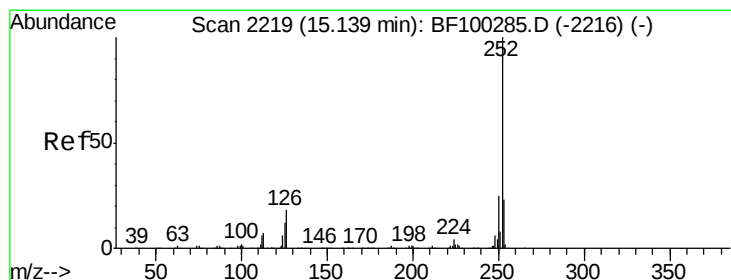
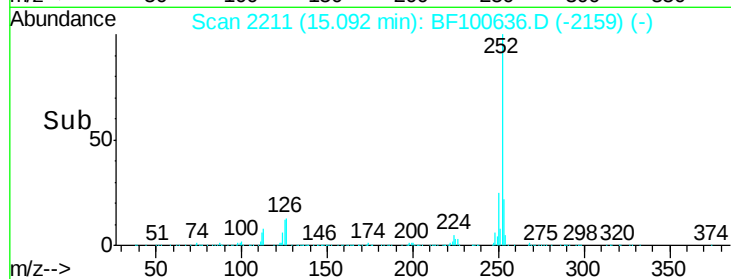
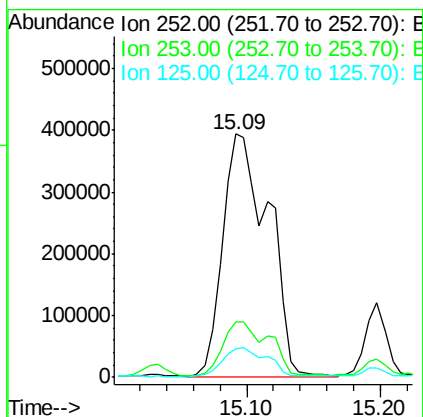
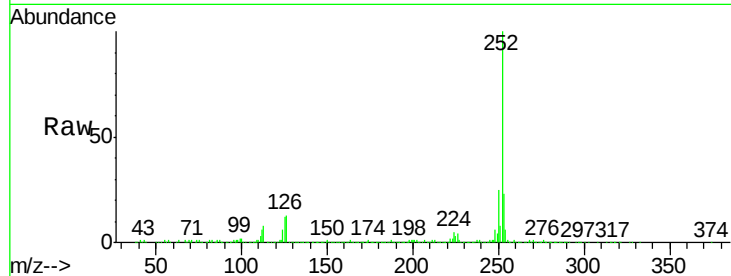




#87
Benzo(b)fluoranthene
Concen: 63.394 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

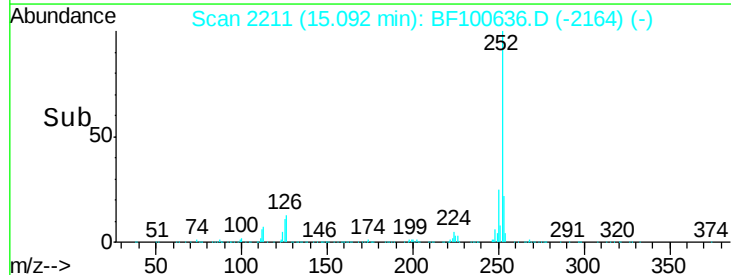
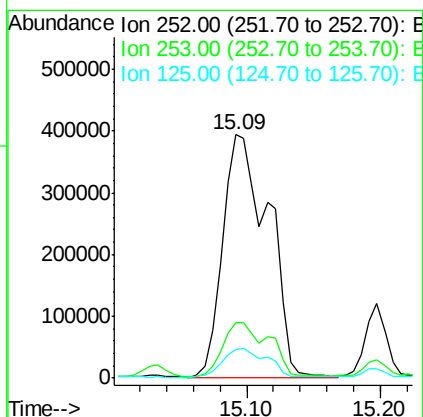
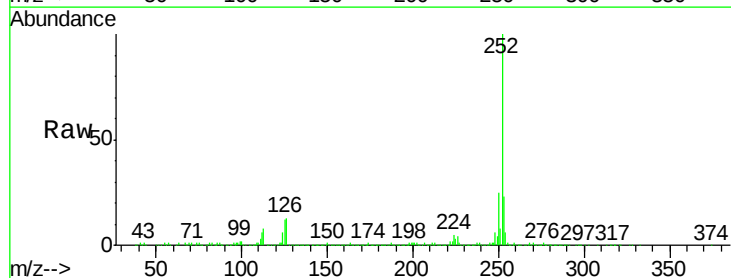
Instrument :
BNA_F
ClientSampleId :
PL-01-111317-D

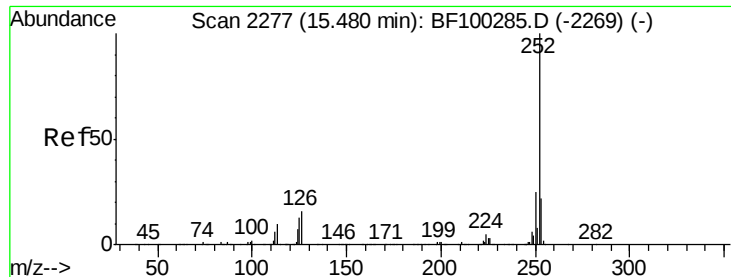
Tgt Ion:252 Resp: 936572
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 67.094 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF100636.D
Acq: 16 Nov 2017 17:47

Tgt Ion:252 Resp: 936572
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.817 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

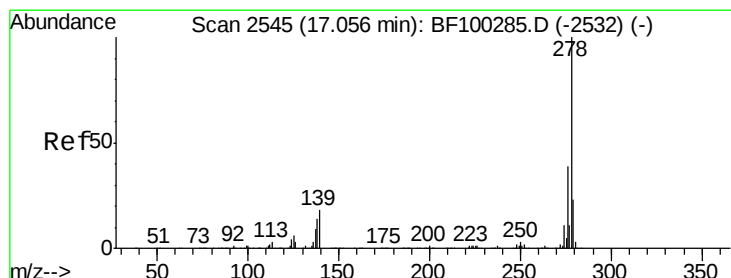
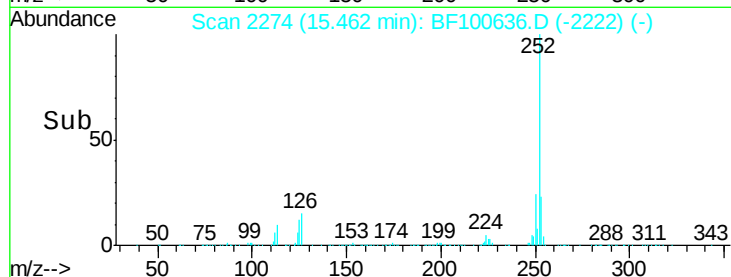
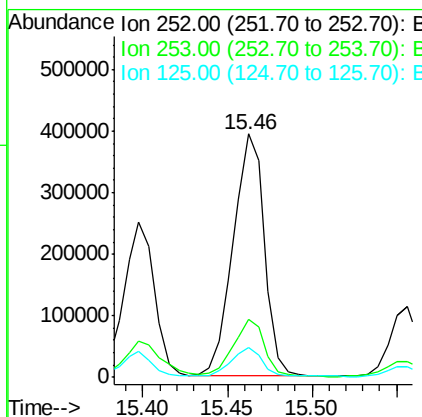
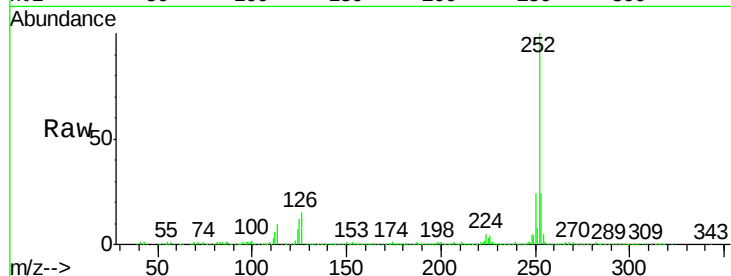
Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

Tgt Ion:	252	Resp:	508397
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	12.2	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 5.216 ng

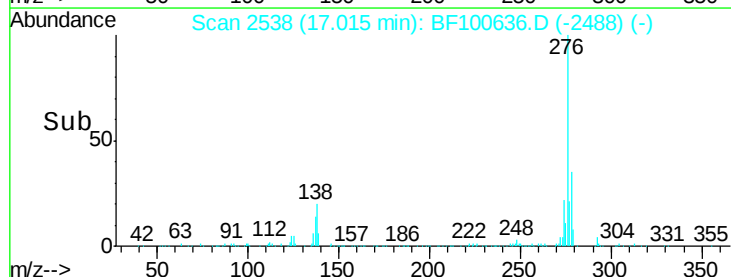
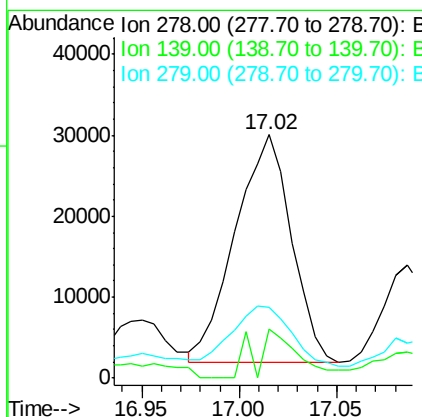
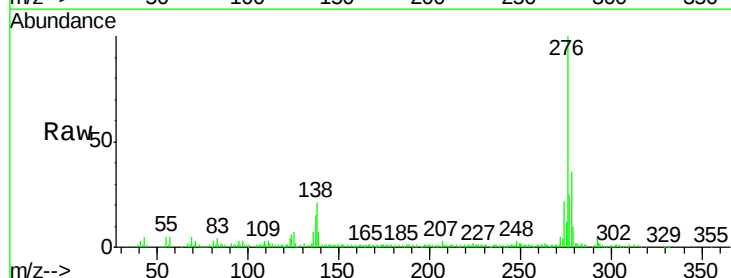
RT: 17.02 min Scan# 2538

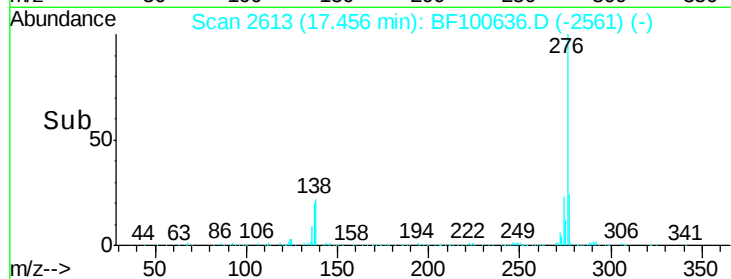
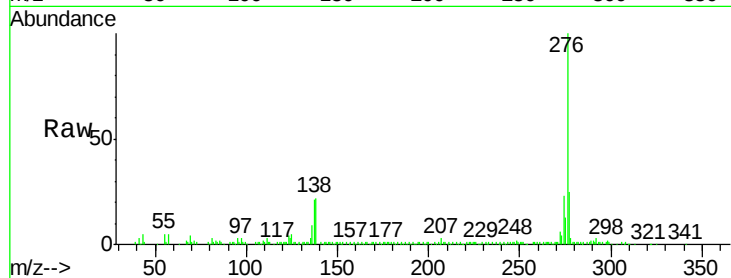
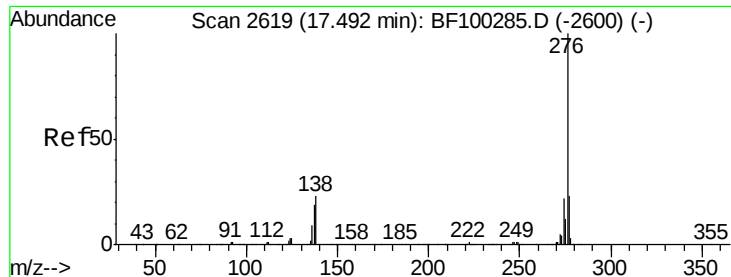
Delta R.T. -0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Tgt Ion:	278	Resp:	55869
Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.9	23.9
279	29.2	19.0	28.4#





#91

Benzo(g,h,i)perylene

Concen: 17.927 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF100636.D

Acq: 16 Nov 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PL-01-111317-D

Tgt Ion: 276 Resp: 187963

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 22.5 21.8 32.8

