

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083450.D
 Acq On : 3 Dec 2015 8:25
 Operator : UM/IZ
 Sample : G4582-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-04(10-13)

Quant Time: Dec 03 09:54:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	624461	20.00	ng	0.15
21) Naphthalene-d8	7.82	136	604837	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	289705	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	464513	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	375109	20.00	ng	-0.02
86) Perylene-d12	16.80	264	335026	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1568682	37.69	ng	0.01
7) Phenol-d6	6.21	99	1975783	34.69	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1283600	93.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	360068	123.81	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1671481	82.22	ng	-0.01
78) Terphenyl-d14	13.21	244	1293822	82.26	ng	-0.01

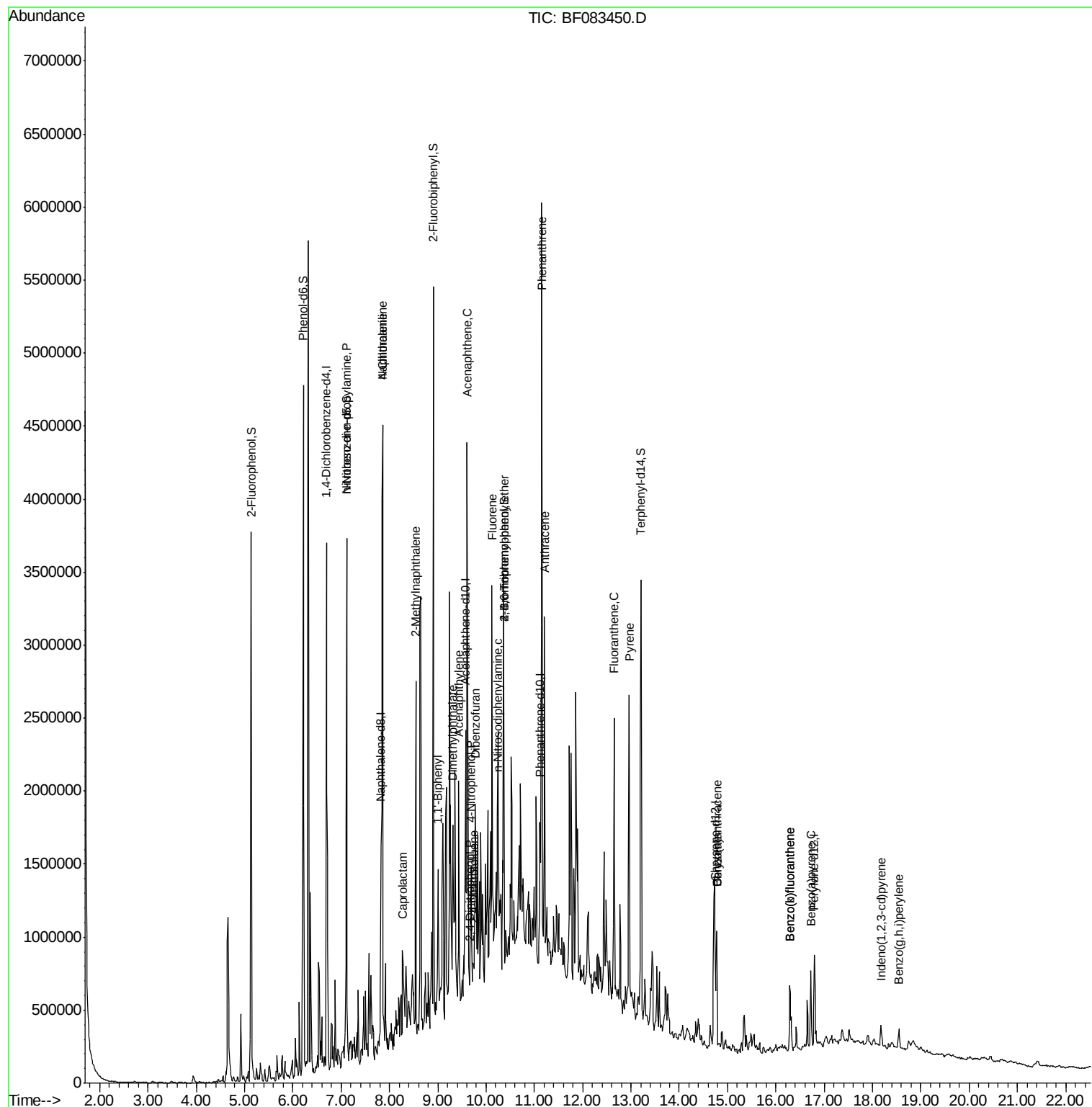
Target Compounds				Qvalue		
9) Benzaldehyde	6.21	77	12241	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	180403	4.43	ng	82
31) Naphthalene	7.86	128	2760827	84.13	ng	99
33) 4-Chloroaniline	7.86	127	398163	28.14	ng	# 34
35) Caprolactam	8.28	113	15082	4.94	ng	# 1
37) 2-Methylnaphthalene	8.54	142	644342	29.38	ng	97
45) 1,1'-Biphenyl	9.00	154	350575	13.80	ng	95
48) Acenaphthylene	9.44	152	246497	7.98	ng	# 90
49) Dimethylphthalate	9.31	163	331247	14.07	ng	99
51) Acenaphthene	9.61	154	1027088	56.55	ng	99
53) 2,4-Dinitrophenol	9.66	184	2219	2.08	ng	# 1
54) Dibenzofuran	9.78	168	135047	5.07	ng	# 79
55) 4-Nitrophenol	9.69	139	26816	7.27	ng	# 31
56) 2,4-Dinitrotoluene	9.74	165	13415	2.10	ng	# 29
57) Fluorene	10.12	166	892022	42.44	ng	98
65) n-Nitrosodiphenylamine	10.24	169	57386	3.52	ng	# 1
66) 4-Bromophenyl-phenylether	10.37	248	23883	4.70	ng	# 1
70) Phenanthrene	11.15	178	2748928	100.00	ng	97
71) Anthracene	11.21	178	908818	32.84	ng	99
74) Fluoranthene	12.65	202	1076391	37.77	ng	100
77) Pyrene	12.97	202	1528351	58.34	ng	99
80) Benzo(a)anthracene	14.77	228	462519	20.13	ng	96
82) Chrysene	14.77	228	464549	20.92	ng	99
85) Indeno(1,2,3-cd)pyrene	18.18	276	95798	5.92	ng	95
87) Benzo(b)fluoranthene	16.28	252	433308	20.16	ng	99
88) Benzo(k)fluoranthene	16.28	252	433308	21.35	ng	# 95
89) Benzo(a)pyrene	16.73	252	324902	17.60	ng	99
91) Benzo(g,h,i)perylene	18.55	276	101821	6.45	ng	96

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

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QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 438

Delta R.T. 0.15 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

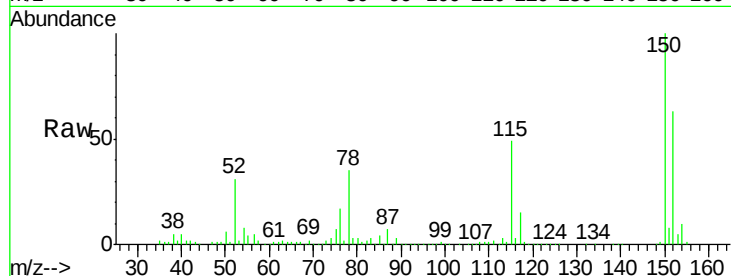
Tot Ion:152 Resp: 624461

Ion Ratio Lower Upper

152 100

150 158.3 129.8 194.8

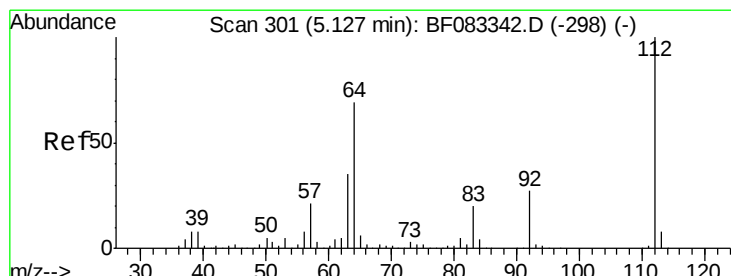
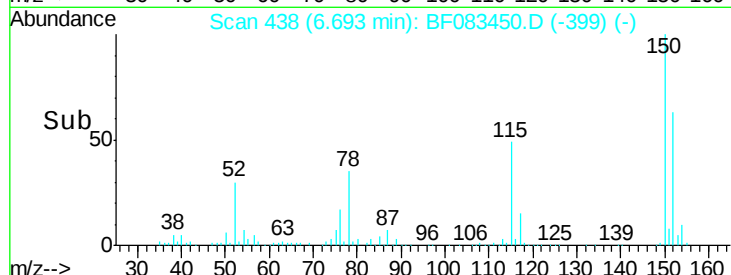
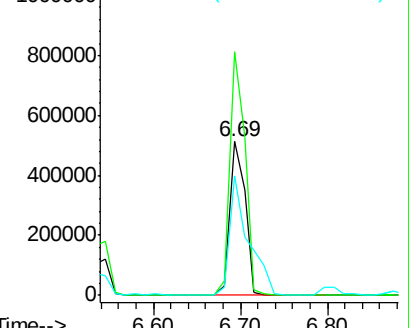
115 78.1 59.2 88.8



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: 37.69 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

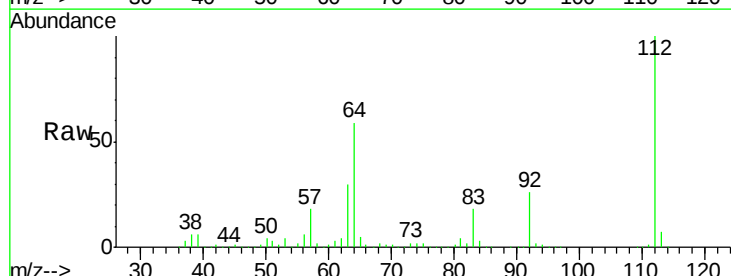
Tgt Ion:112 Resp: 1568682

Ion Ratio Lower Upper

112 100

64 58.7 55.6 83.4

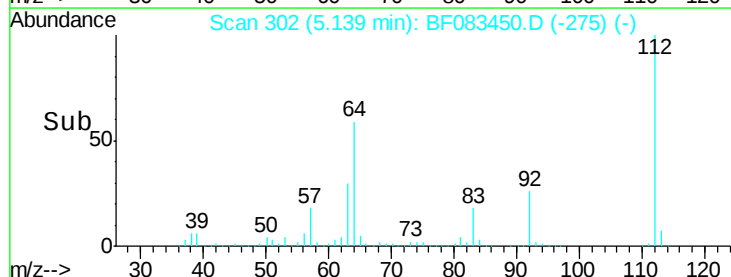
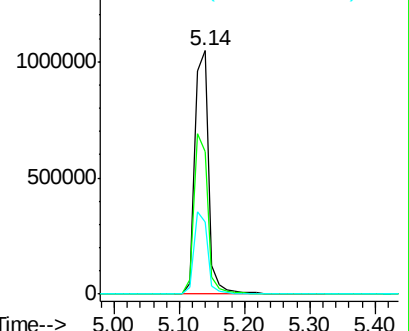
63 29.7 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.69 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

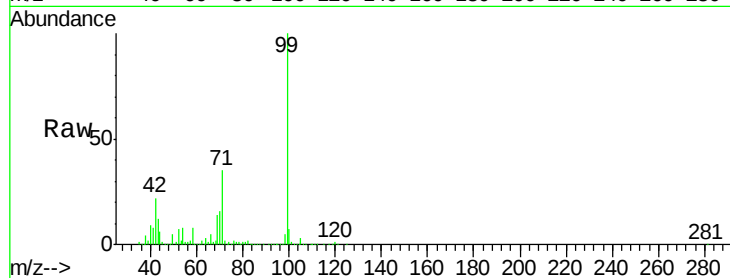
Tot Ion: 99 Resp: 1975783

Ion Ratio Lower Upper

99 100

42 22.3 14.9 22.3

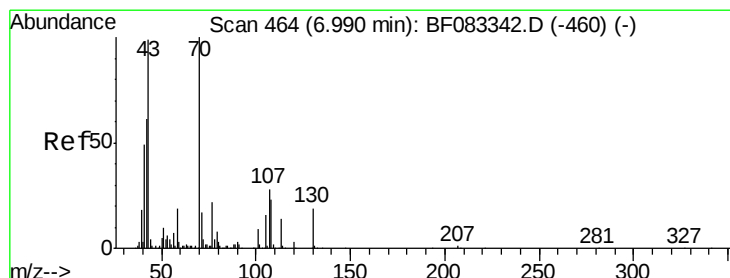
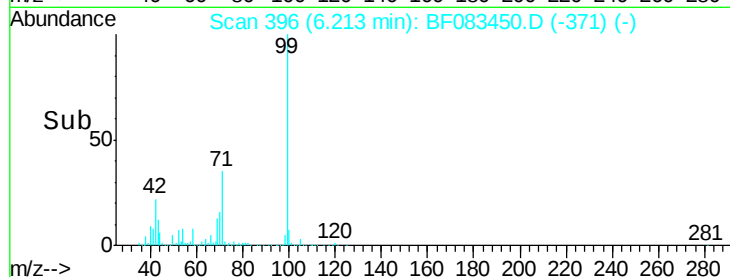
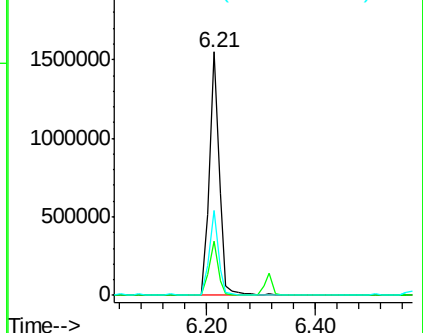
71 35.1 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 4.43 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Tgt Ion: 70 Resp: 180403

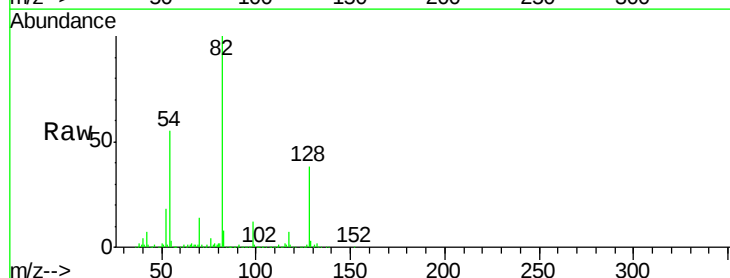
Ion Ratio Lower Upper

70 100

42 52.7 48.8 73.2

101 0.2 7.1 10.7#

130 2.2 15.0 22.6#

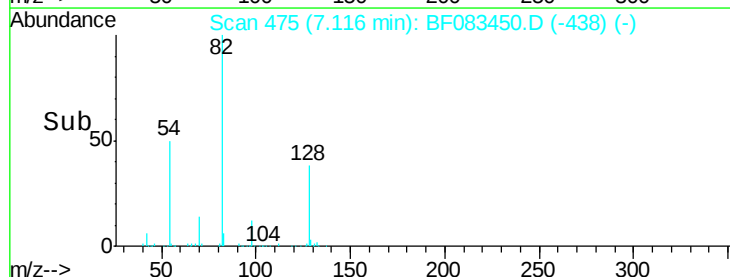
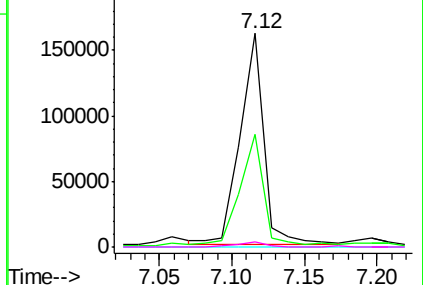


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

Tot Ion:136 Resp: 604837

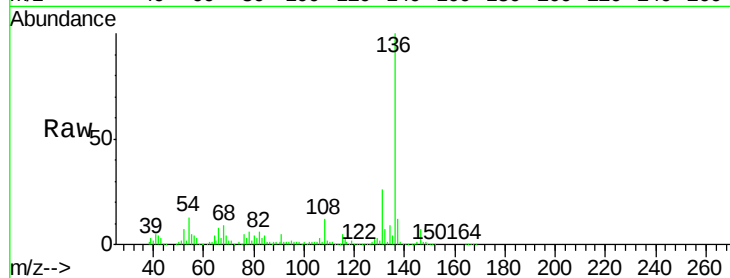
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 12.9 10.1 15.1

68 9.2 7.1 10.7

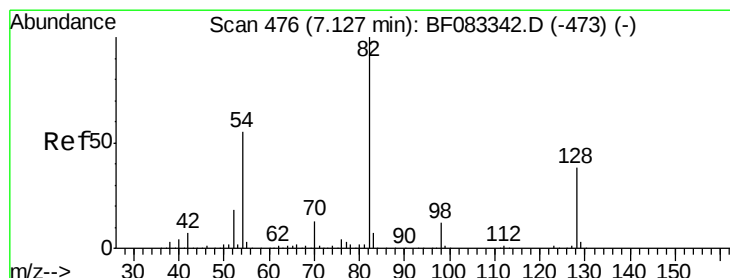
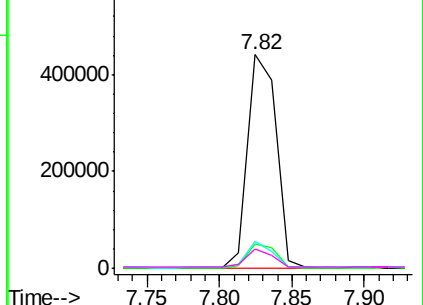
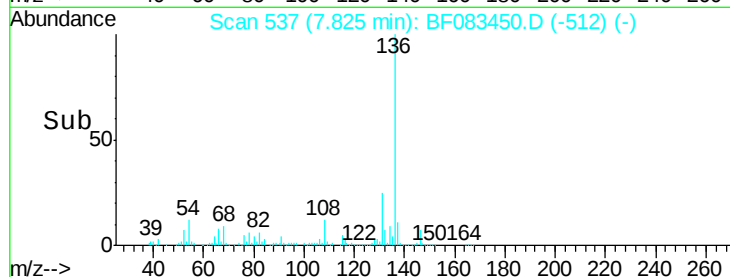


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 93.29 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

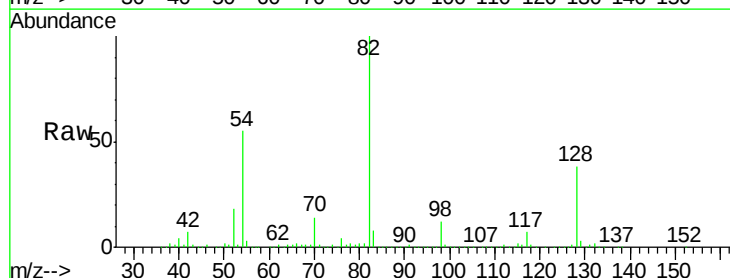
Tgt Ion: 82 Resp: 1283600

Ion Ratio Lower Upper

82 100

128 37.9 30.6 46.0

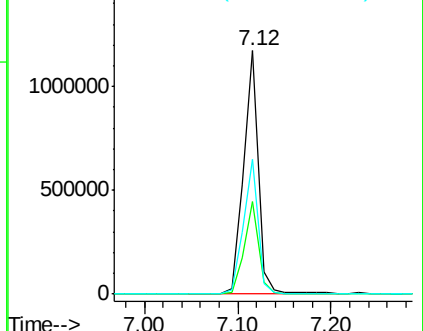
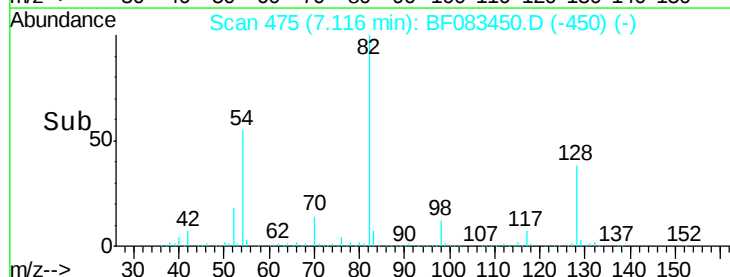
54 55.2 43.8 65.6

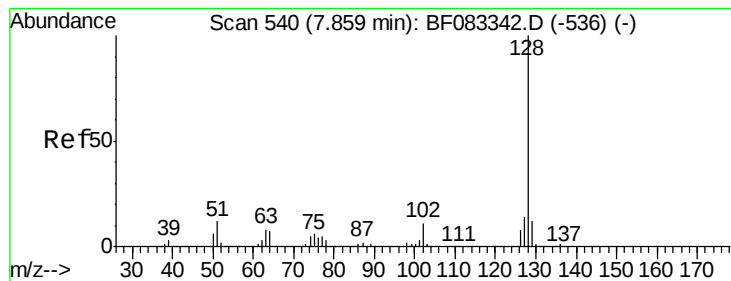


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 84.13 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

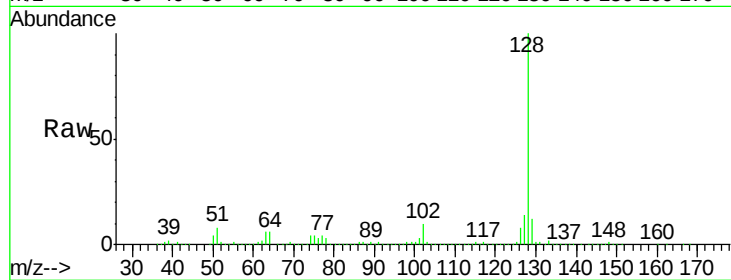
Tot Ion:128 Resp: 2760827

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

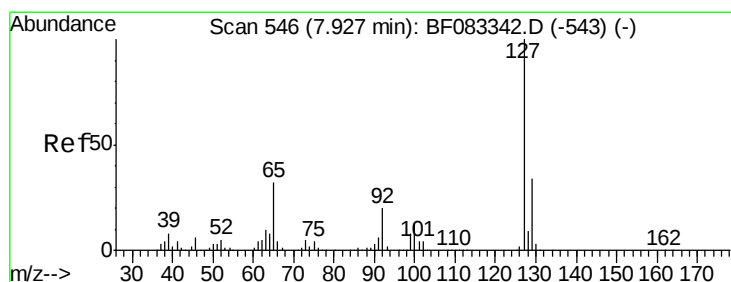
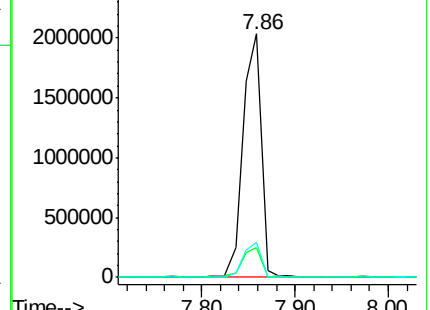
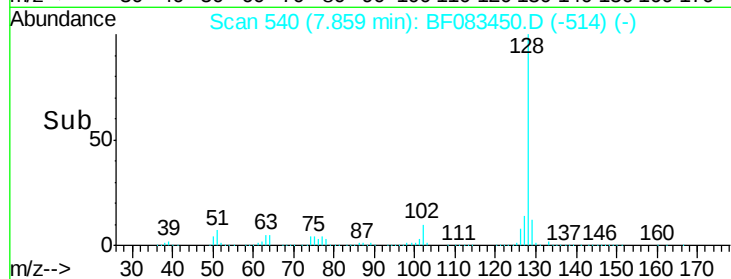
127 14.4 11.0 16.4



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



#33

4-Chloroaniline

Concen: 28.14 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Tgt Ion:127 Resp: 398163

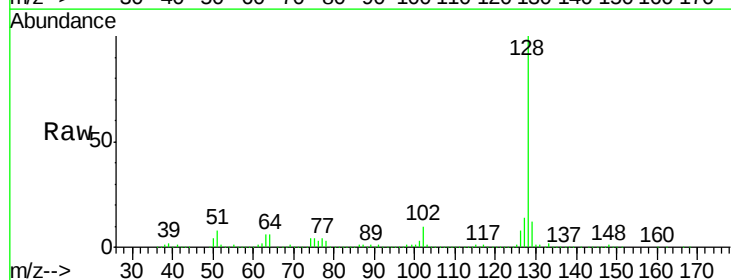
Ion Ratio Lower Upper

127 100

129 83.2 27.0 40.4#

65 0.0 25.9 38.9#

92 0.5 15.8 23.8#

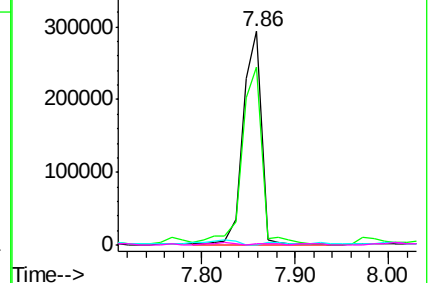
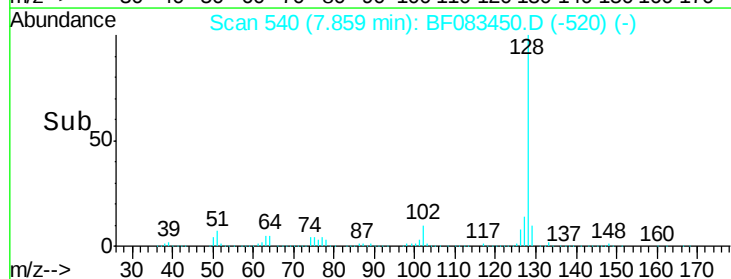


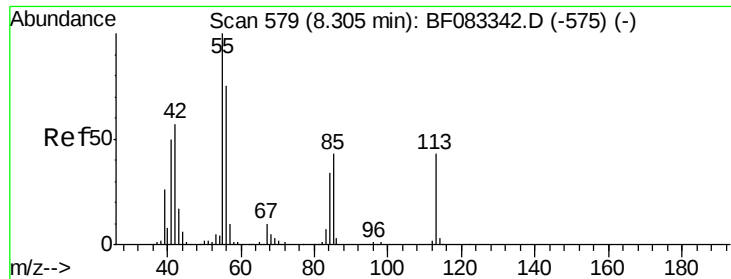
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 4.94 ng

RT: 8.28 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

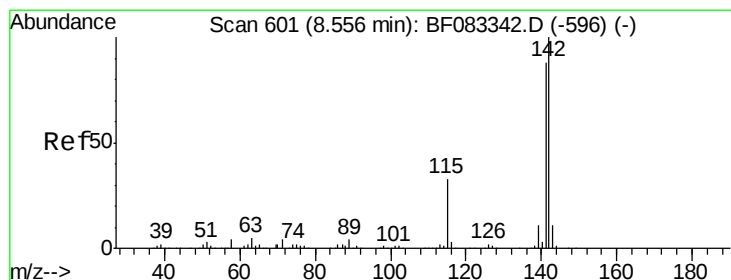
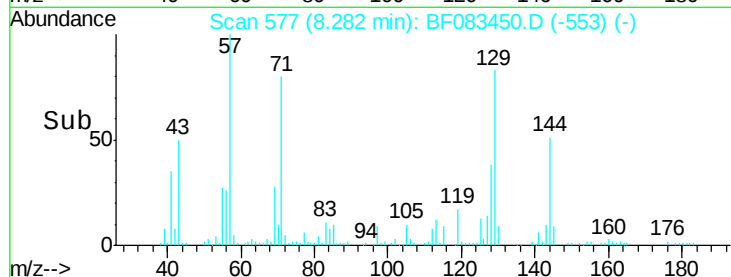
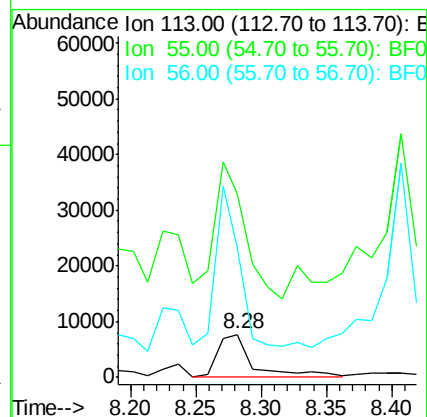
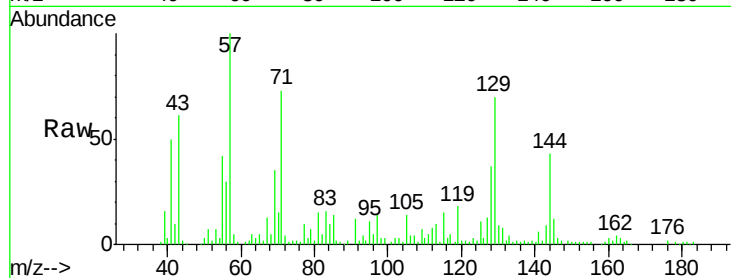
Tot Ion:113 Resp: 15082

Ion Ratio Lower Upper

113 100

55 426.2 211.6 251.6#

56 301.4 153.0 193.0#



#37

2-Methylnaphthalene

Concen: 29.38 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

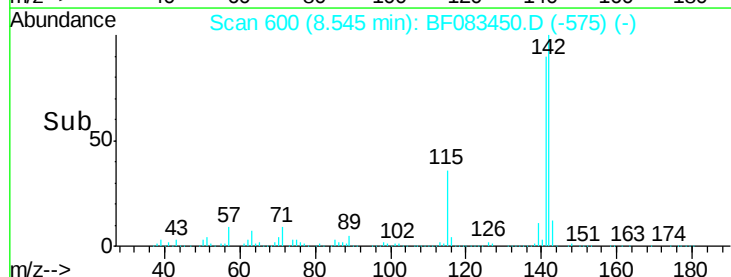
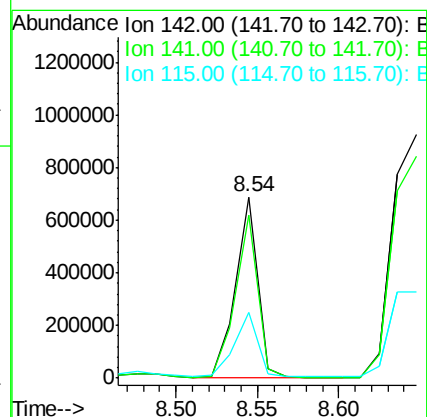
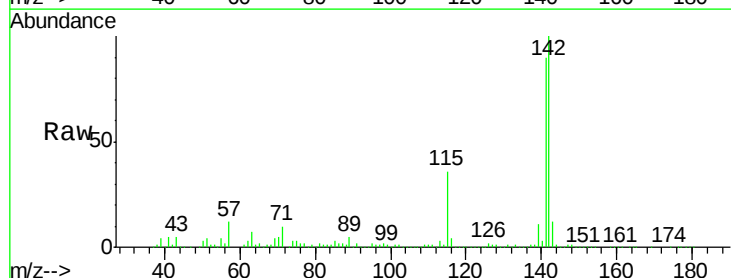
Tgt Ion:142 Resp: 644342

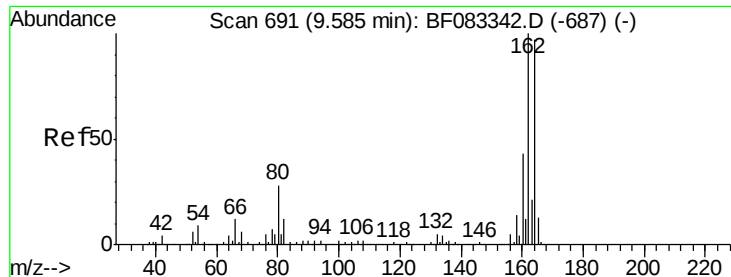
Ion Ratio Lower Upper

142 100

141 90.1 70.6 105.8

115 36.2 26.2 39.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

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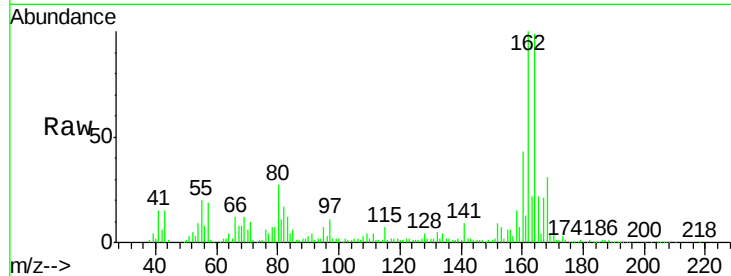
Tot Ion:164 Resp: 289705

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

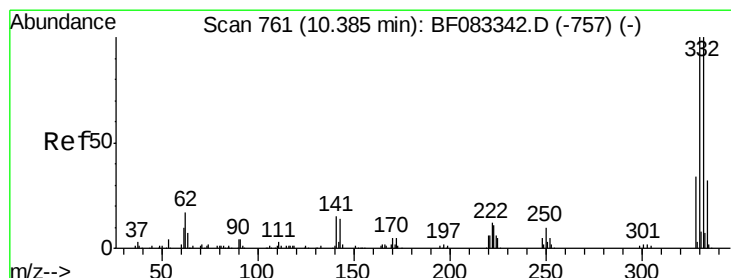
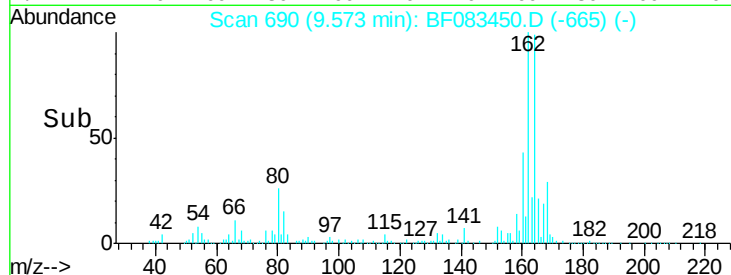
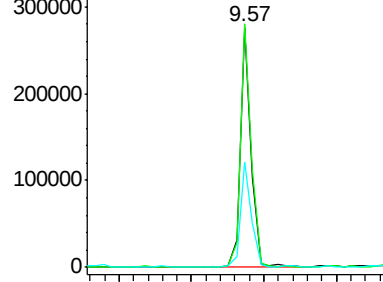
160 43.7 35.3 52.9



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: 123.81 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

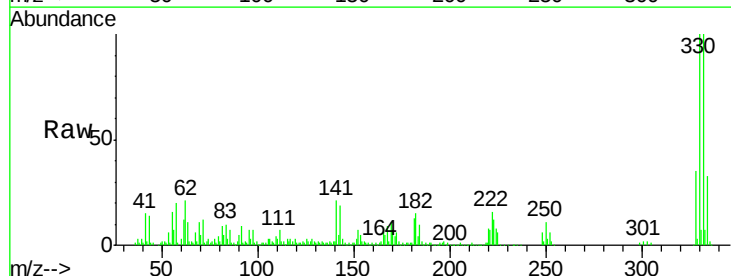
Tgt Ion:330 Resp: 360068

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

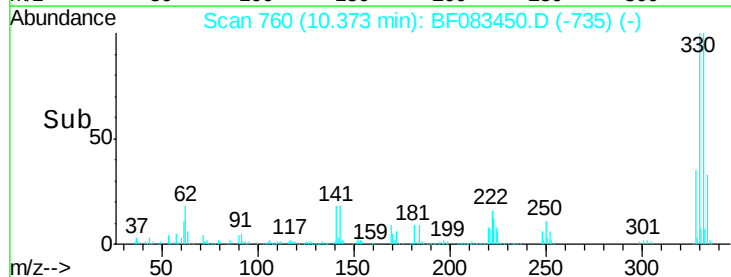
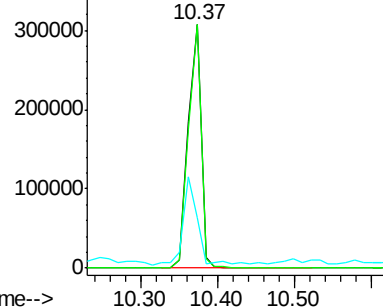
141 36.8 29.4 44.0

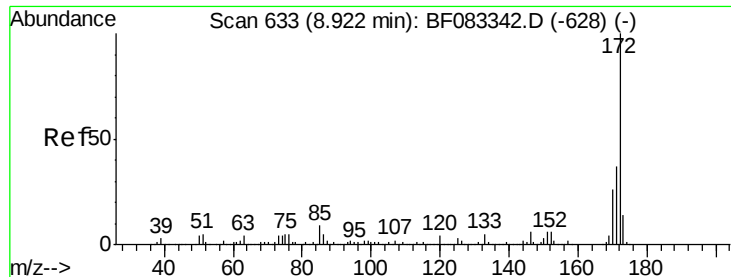


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.22 ng

RT: 8.91 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

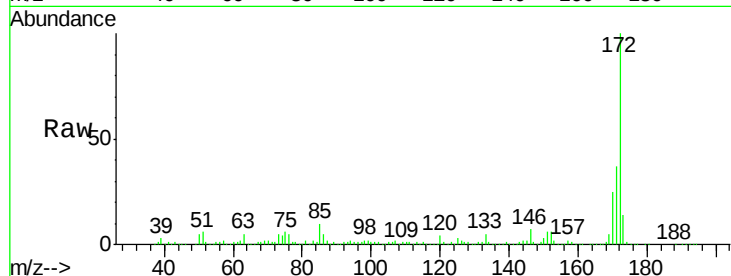
BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

Tot Ion:172 Resp: 1671481

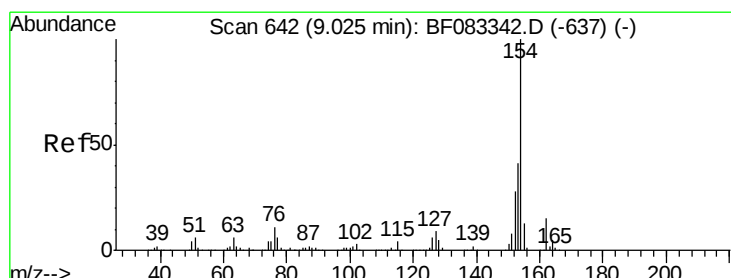
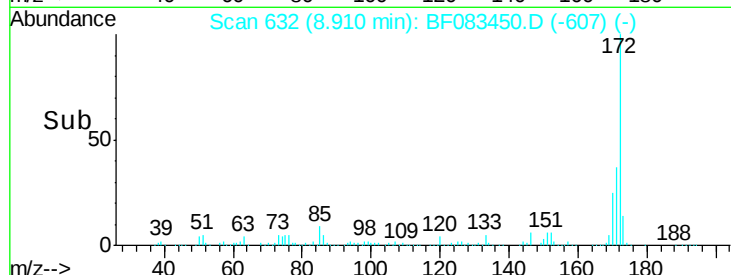
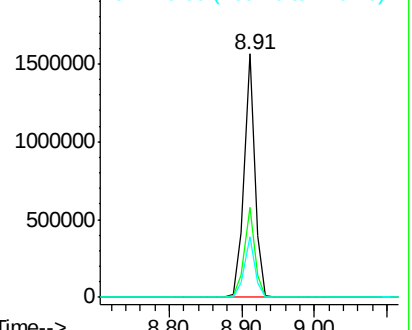
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.0	20.4	30.6



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



#45

1,1'-Biphenyl

Concen: 13.80 ng

RT: 9.00 min Scan# 640

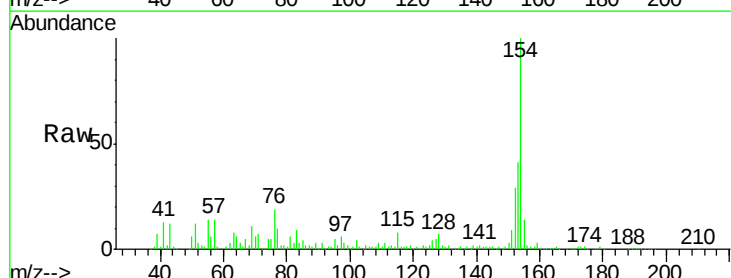
Delta R.T. -0.02 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Tgt Ion:154 Resp: 350575

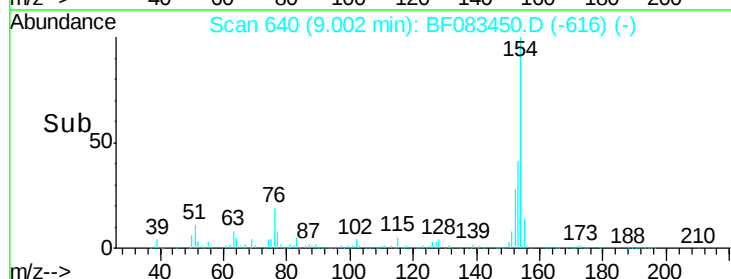
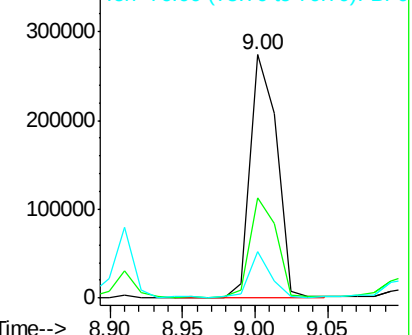
Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.6	60.6
76	18.9	0.0	30.5

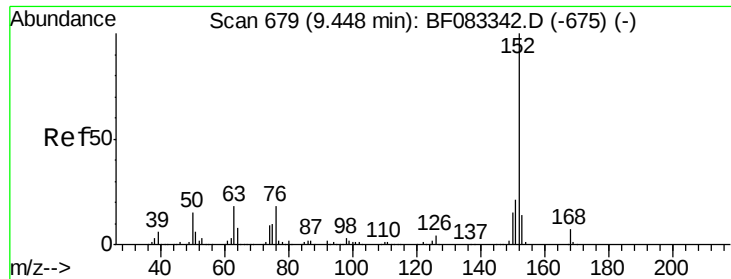


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 7.98 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

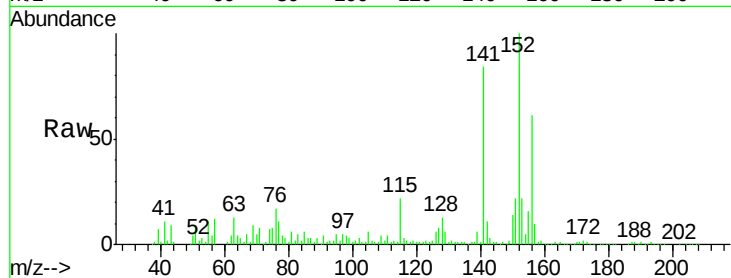
Tot Ion:152 Resp: 246497

Ion Ratio Lower Upper

152 100

151 22.4 16.7 25.1

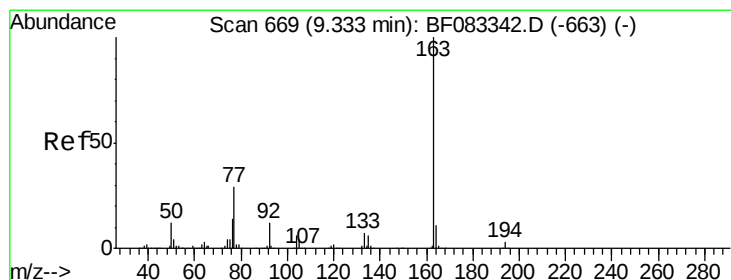
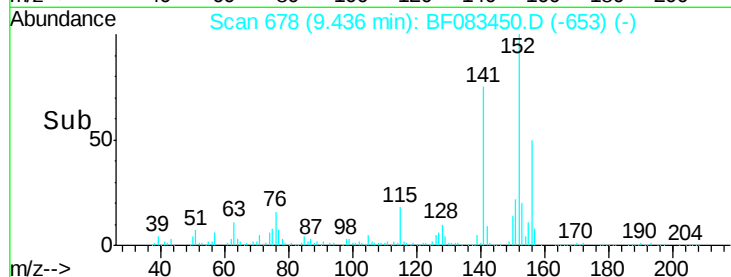
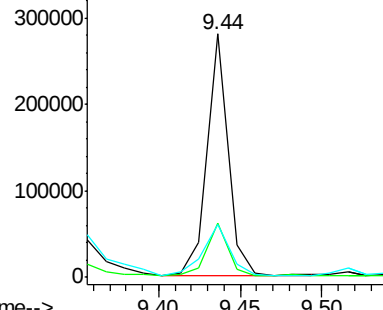
153 22.0 11.2 16.8#



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



#49

Dimethylphthalate

Concen: 14.07 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

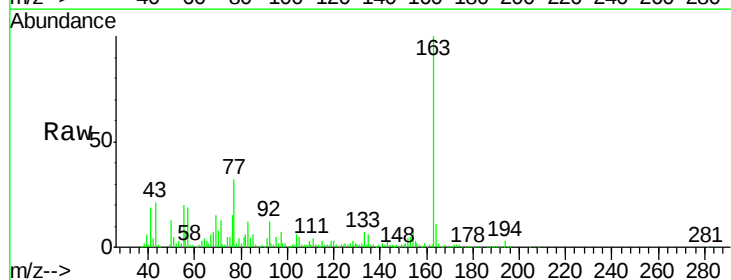
Tgt Ion:163 Resp: 331247

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

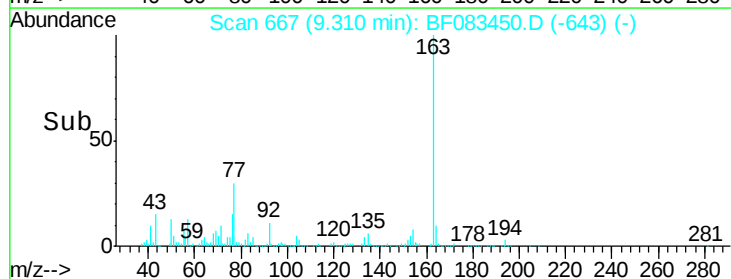
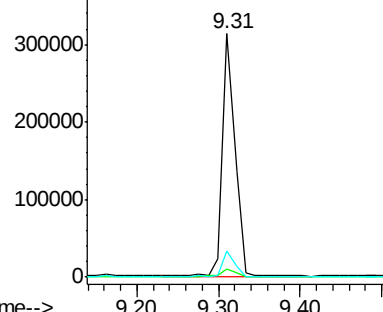
164 10.6 8.8 13.2

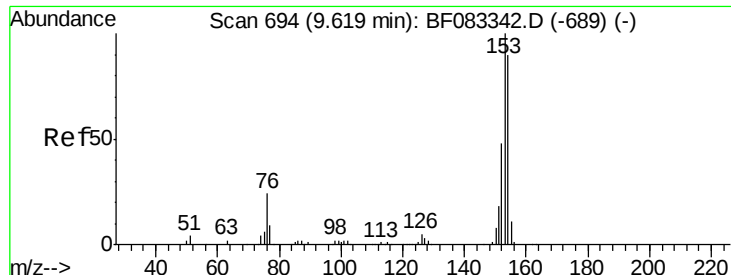


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

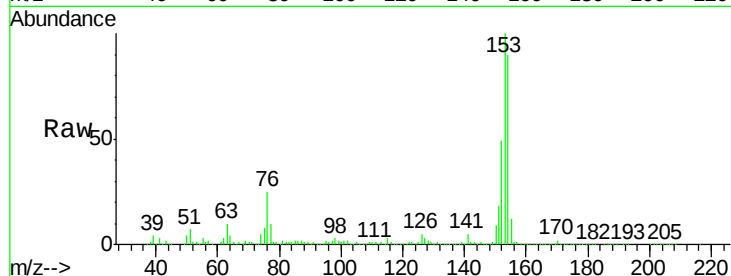




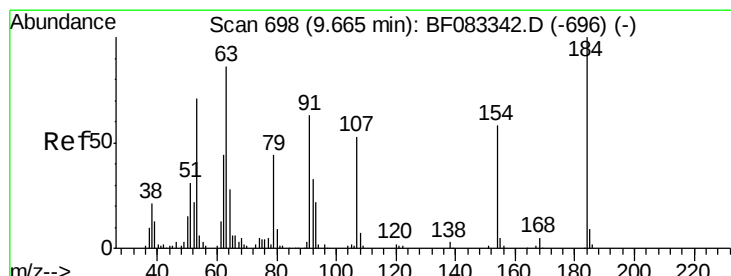
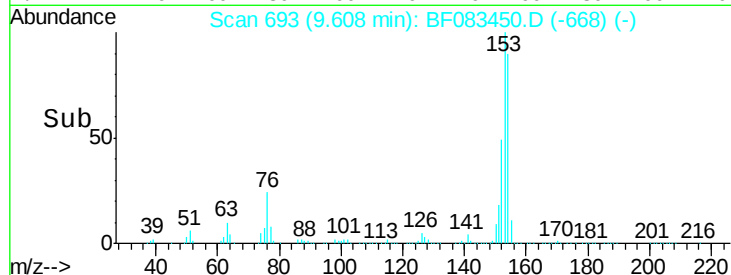
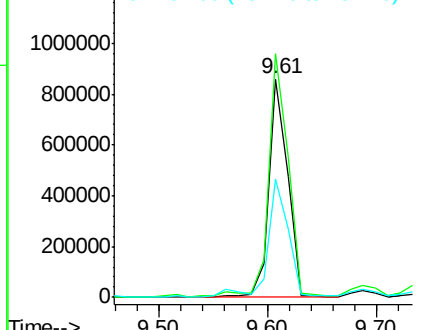
#51
Acenaphthene
Concen: 56.55 ng
RT: 9.61 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)

Tot Ion:154 Resp: 1027088
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 54.3 42.5 63.7

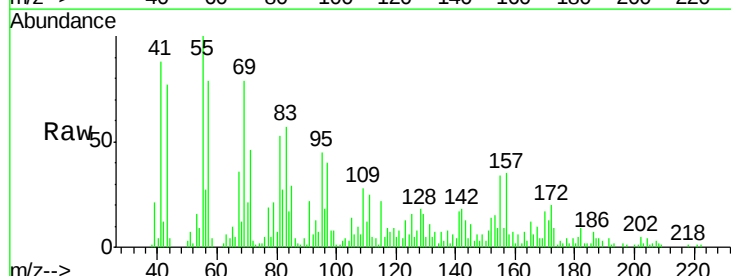


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

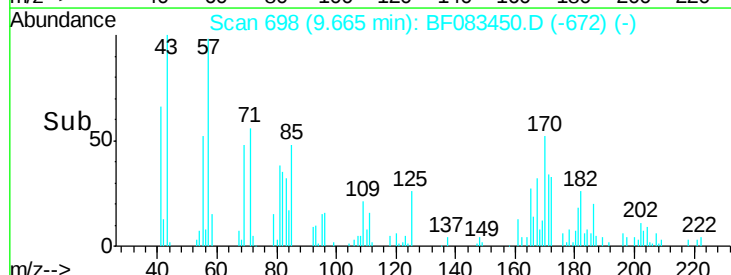
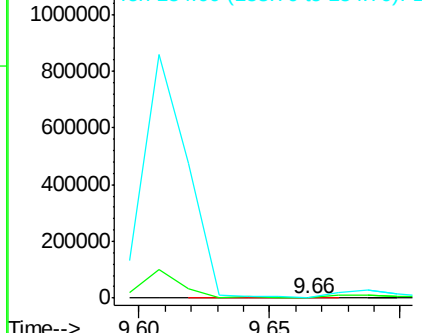


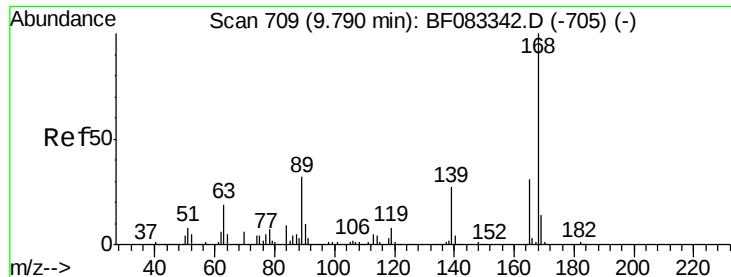
#53
2,4-Dinitrophenol
Concen: 2.08 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

Tgt Ion:184 Resp: 2219
Ion Ratio Lower Upper
184 100
63 258.0 69.0 103.6#
154 360.8 50.0 75.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 5.07 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

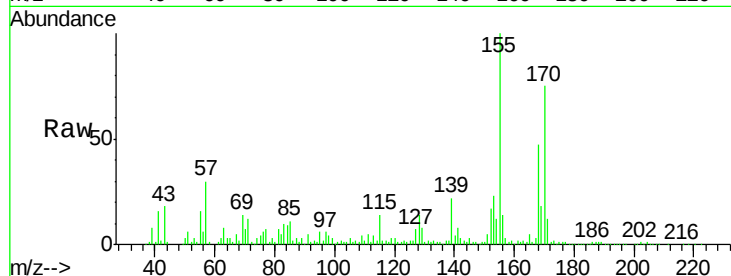
Tot Ion:168 Resp: 135047

Ion Ratio Lower Upper

168 100

139 46.1 32.7 49.1

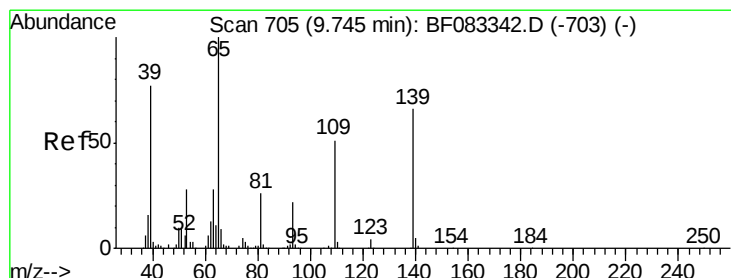
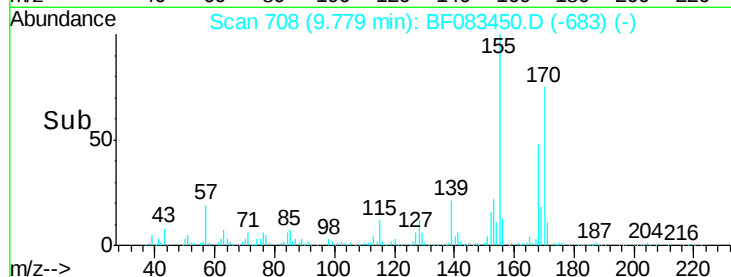
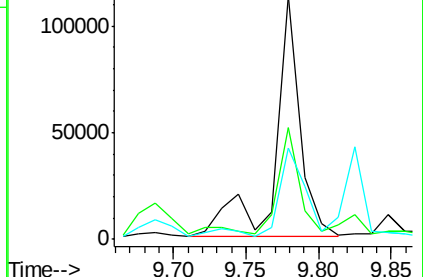
169 37.6 11.1 16.7#



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: 7.27 ng

RT: 9.69 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

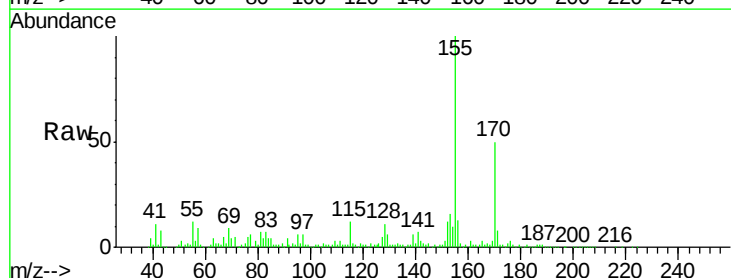
Tgt Ion:139 Resp: 26816

Ion Ratio Lower Upper

139 100

109 56.0 57.4 97.4#

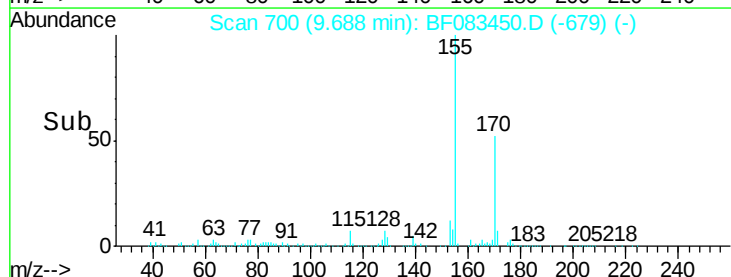
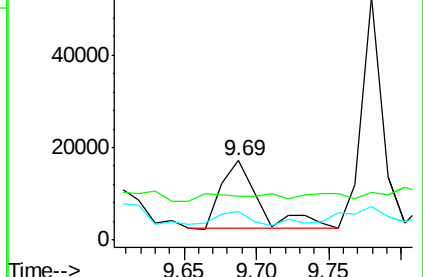
65 35.3 131.6 171.6#

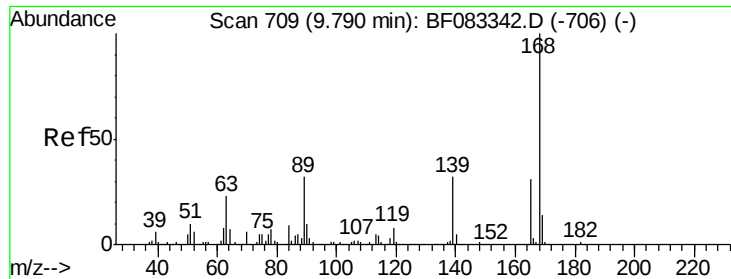


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

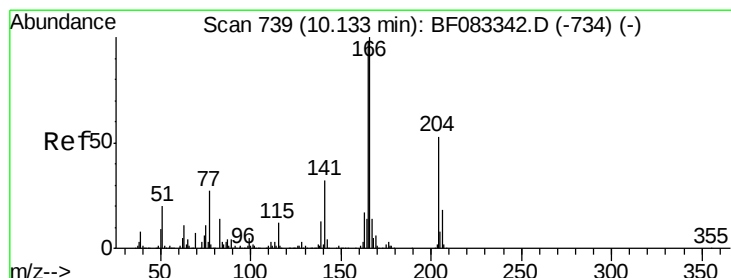
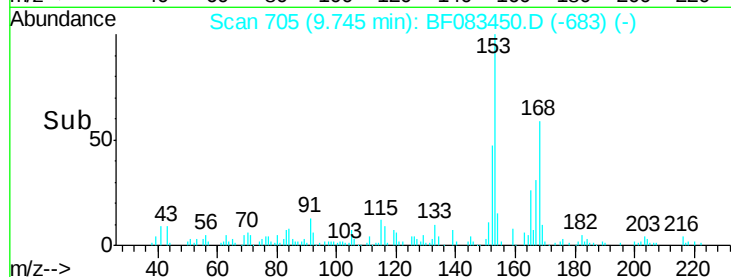
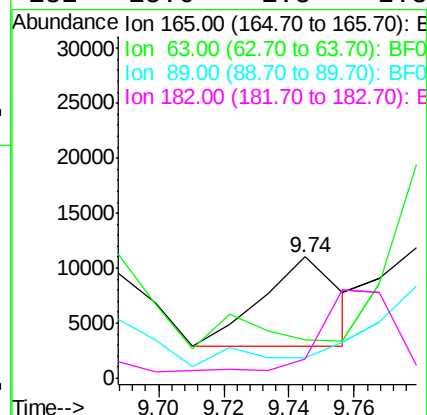
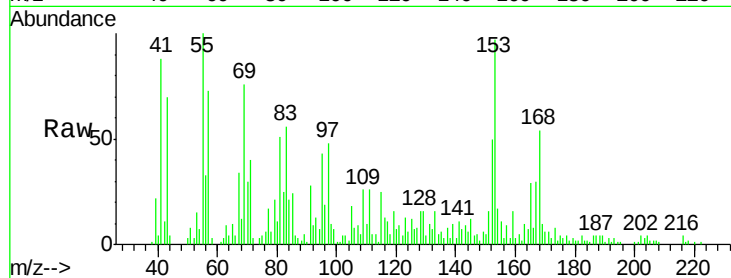




#56
2,4-Dinitrotoluene
Concen: 2.10 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.05 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

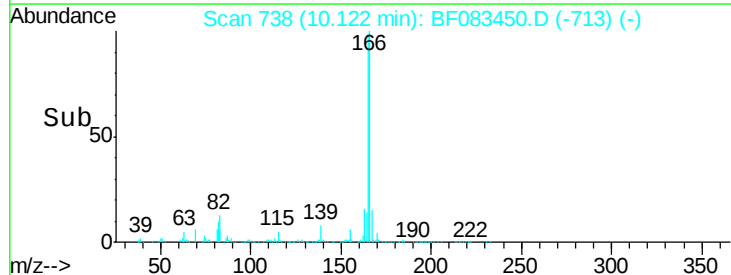
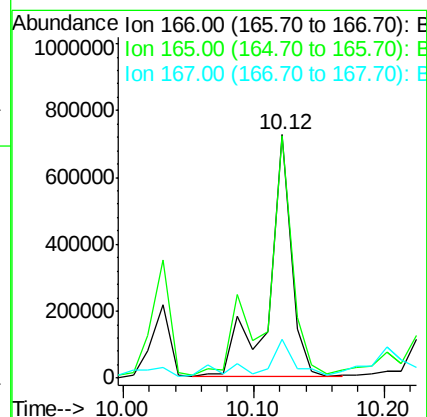
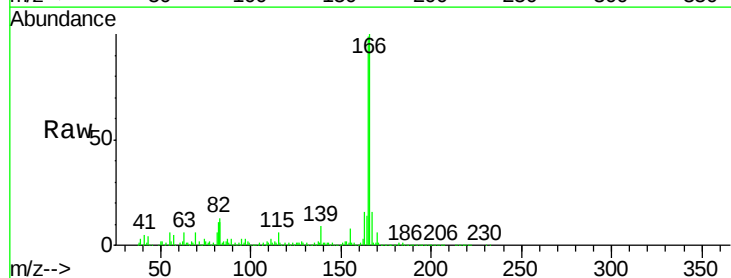
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)

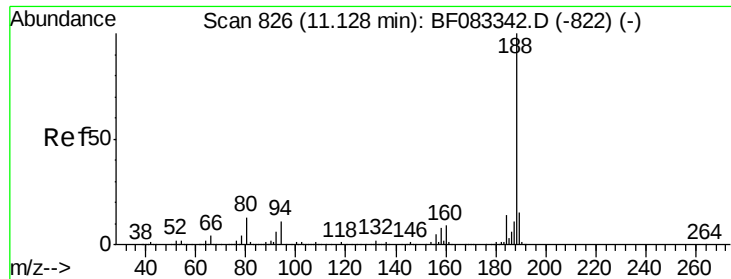
Tot Ion	Ratio	Lower	Upper
165	100		
63	31.5	65.4	98.0#
89	17.0	81.2	121.8#
182	15.6	1.8	2.8#



#57
Fluorene
Concen: 42.44 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.3	117.5
167	16.1	11.1	16.7

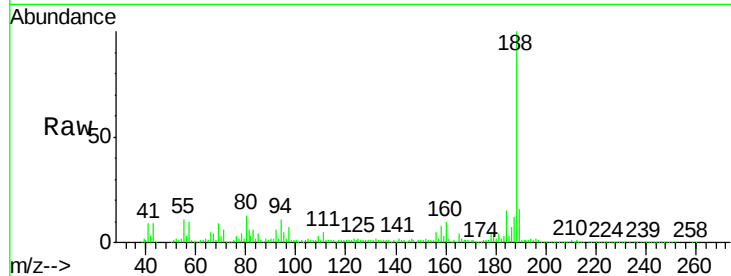




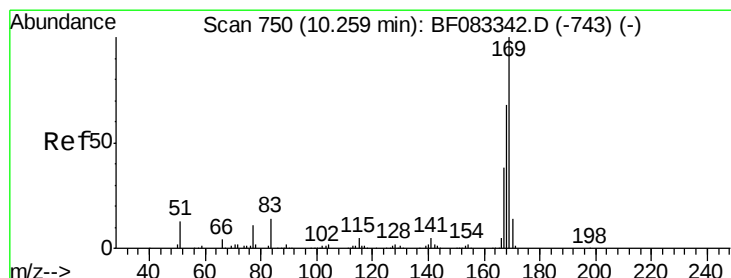
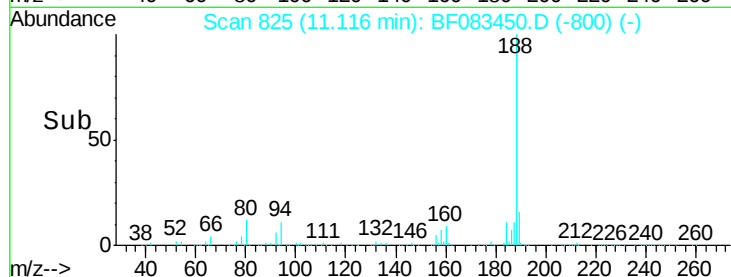
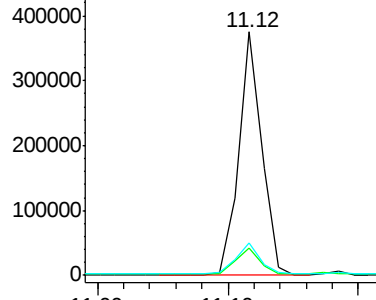
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)

Tot Ion:188 Resp: 464513
Ion Ratio Lower Upper
188 100
94 11.4 8.7 13.1
80 13.2 10.3 15.5

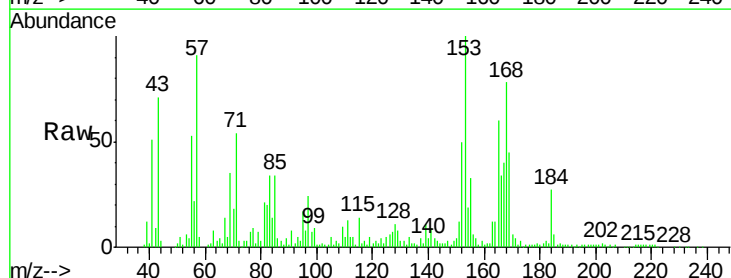


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

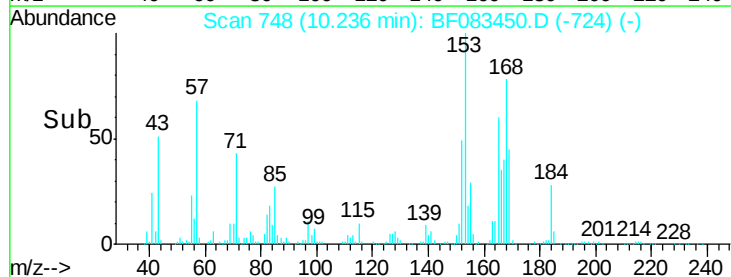
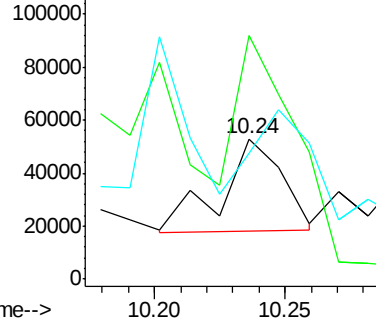


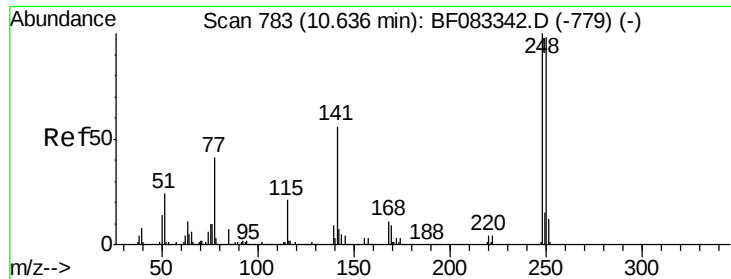
#65
n-Nitrosodiphenylamine
Concen: 3.52 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

Tgt Ion:169 Resp: 57386
Ion Ratio Lower Upper
169 100
168 174.0 54.8 82.2#
167 90.0 30.2 45.2#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

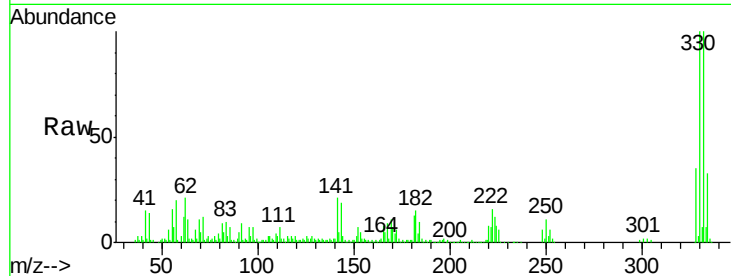




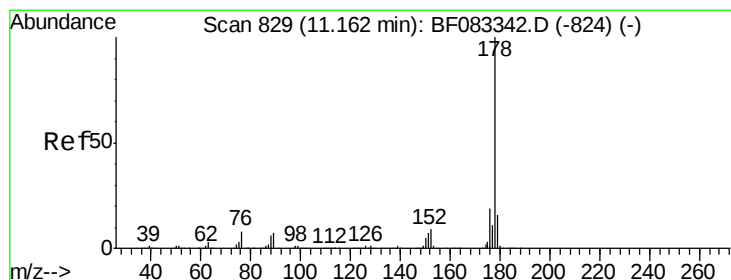
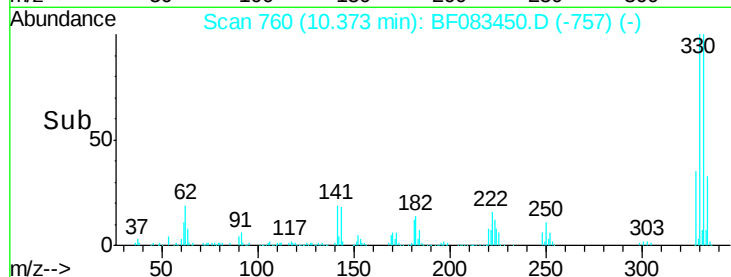
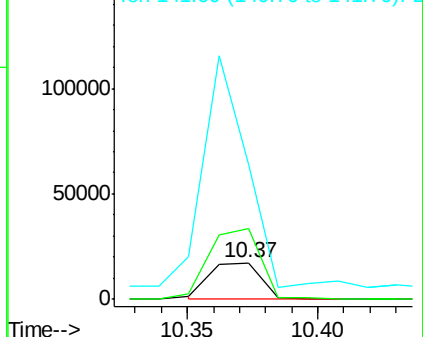
#66
4-Bromophenyl-phenylether
Concen: 4.70 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)

Tot Ion:248 Resp: 23883
Ion Ratio Lower Upper
248 100
250 191.3 78.6 118.0#
141 364.9 44.4 66.6#

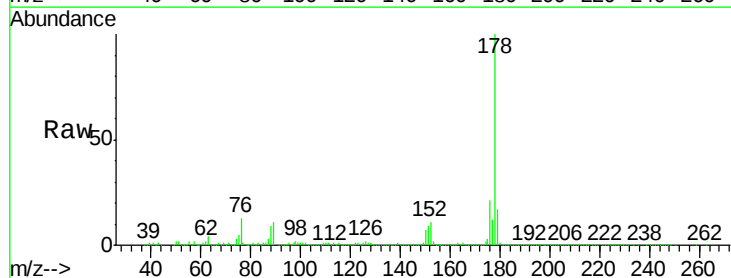


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

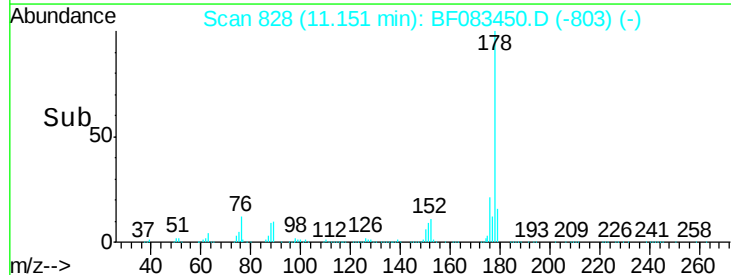
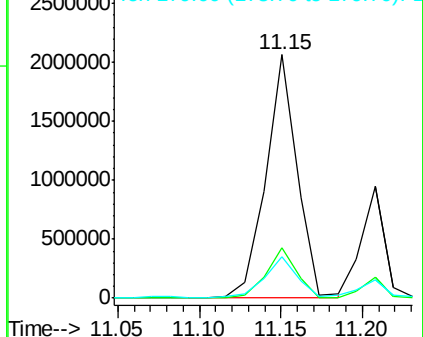


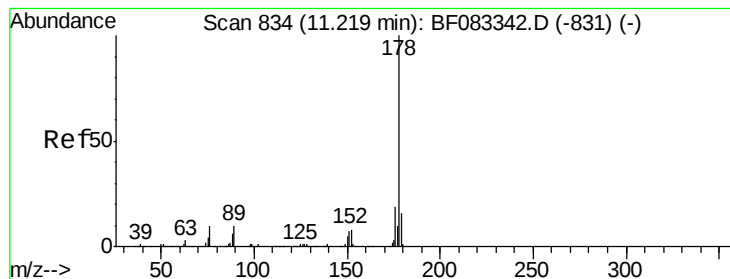
#70
Phenanthrene
Concen: 100.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

Tgt Ion:178 Resp: 2748928
Ion Ratio Lower Upper
178 100
176 20.6 15.3 22.9
179 17.0 12.4 18.6



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: 32.84 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

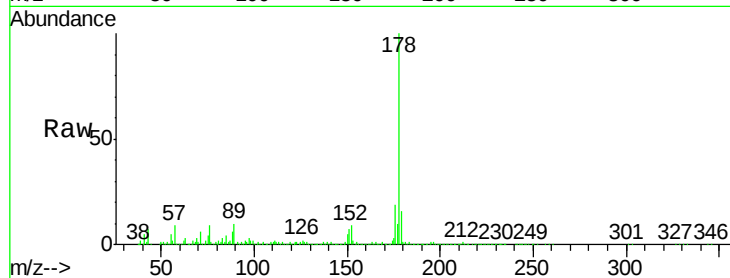
Tot Ion:178 Resp: 908818

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

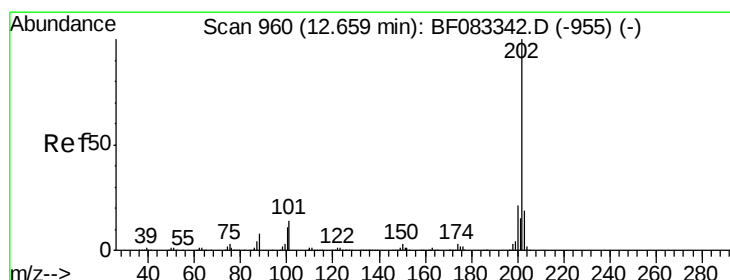
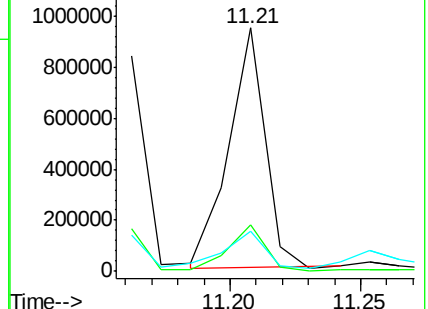
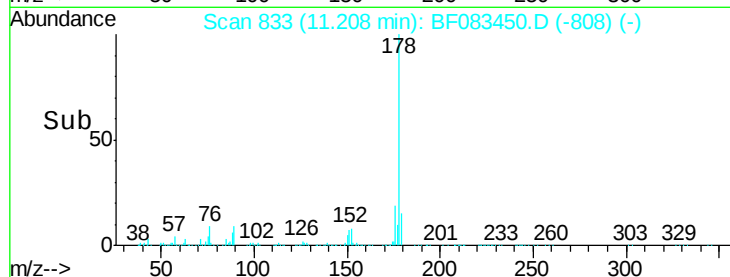
179 16.4 12.8 19.2



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



#74

Fluoranthene

Concen: 37.77 ng

RT: 12.65 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

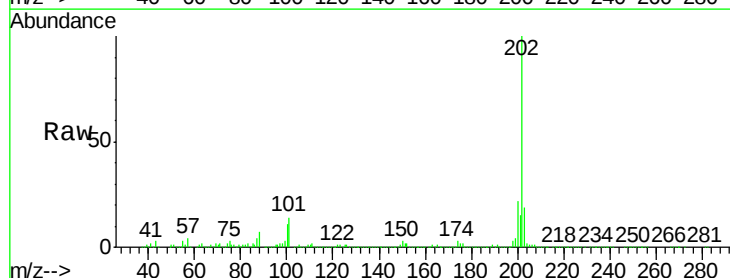
Tgt Ion:202 Resp: 1076391

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.5

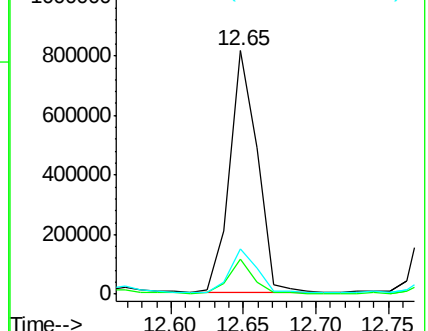
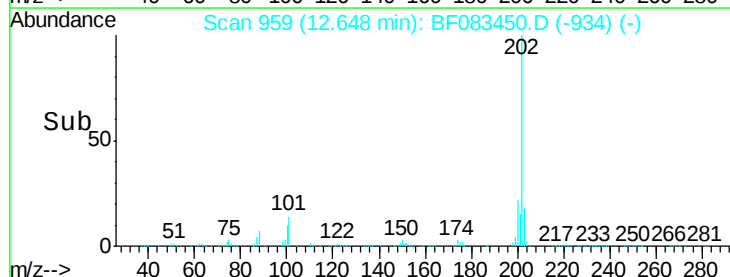
203 18.5 0.0 38.7

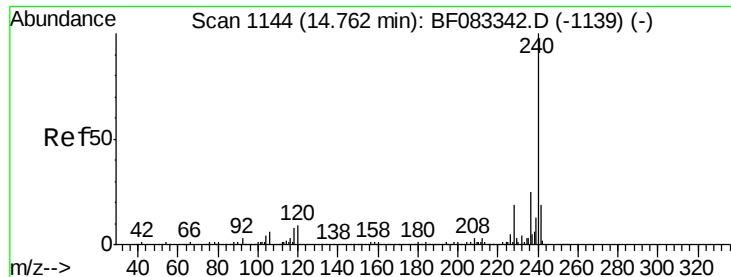


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

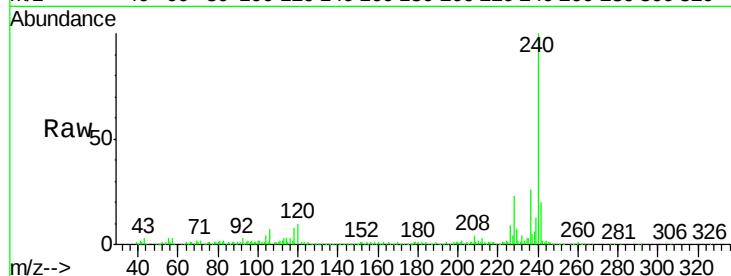
Tot Ion:240 Resp: 375109

Ion Ratio Lower Upper

240 100

120 9.7 6.9 10.3

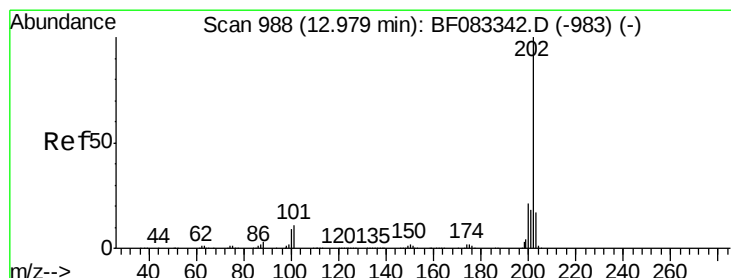
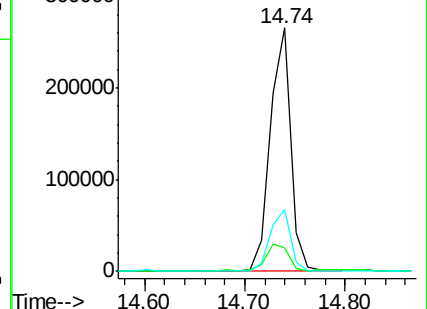
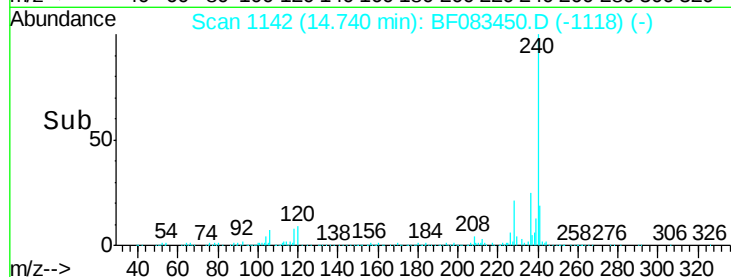
236 25.6 19.8 29.6



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: 58.34 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

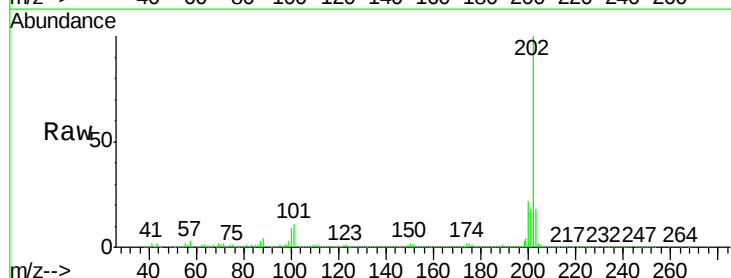
Tgt Ion:202 Resp: 1528351

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

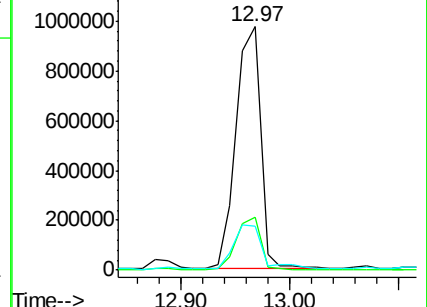
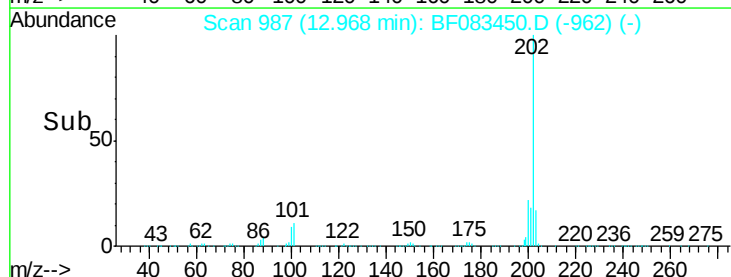
203 18.0 13.9 20.9

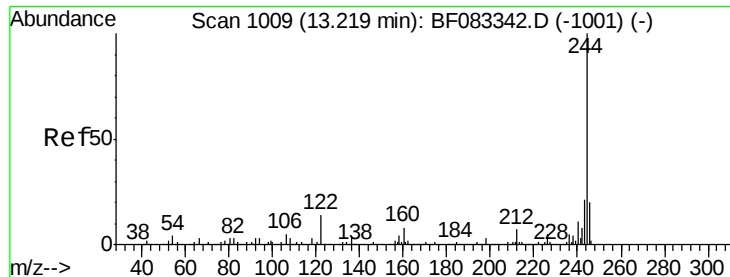


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.26 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

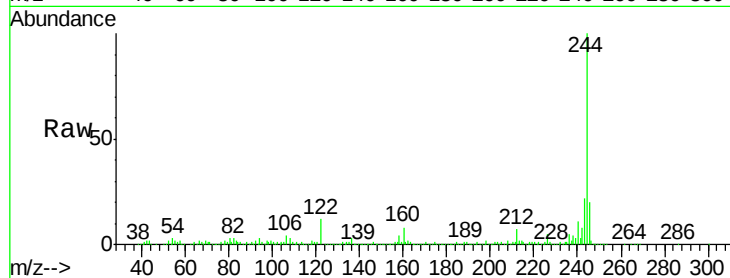
BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

Tot Ion:244 Resp: 1293822

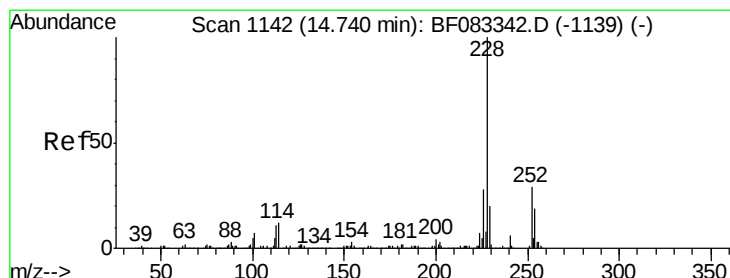
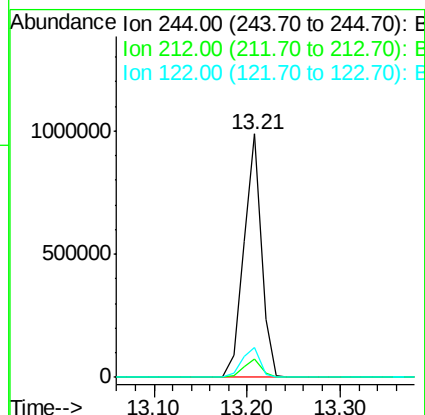
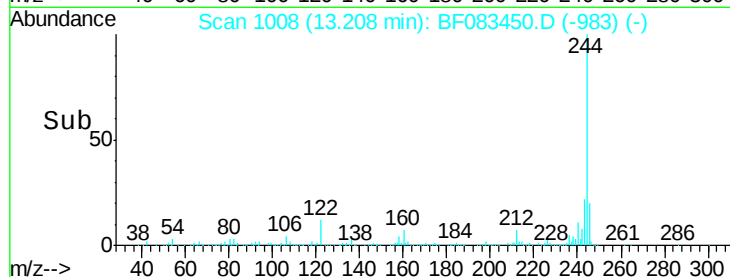
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	12.2	11.0	16.4



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: 20.13 ng

RT: 14.77 min Scan# 1145

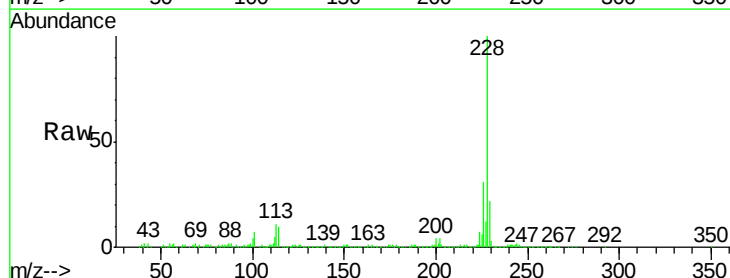
Delta R.T. 0.03 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Tgt Ion:228 Resp: 462519

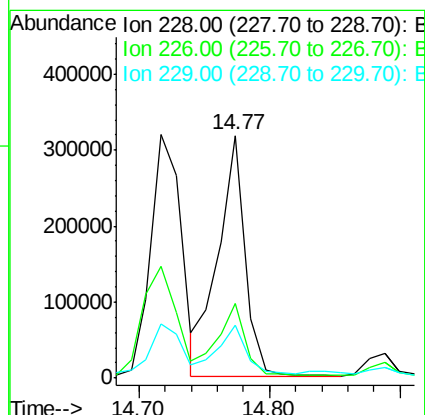
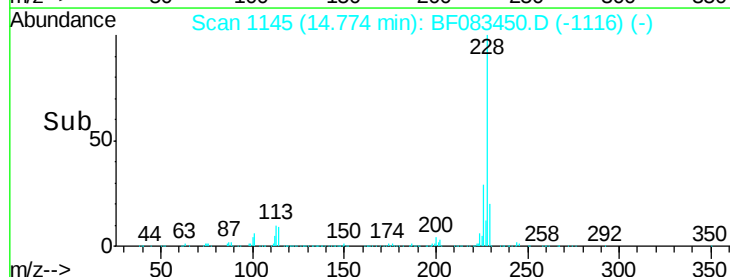
Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.4
229	21.6	16.1	24.1

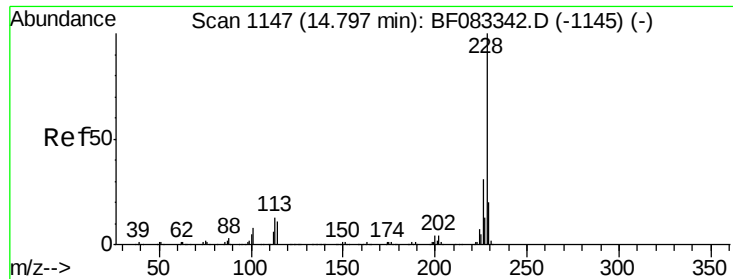


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 20.92 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

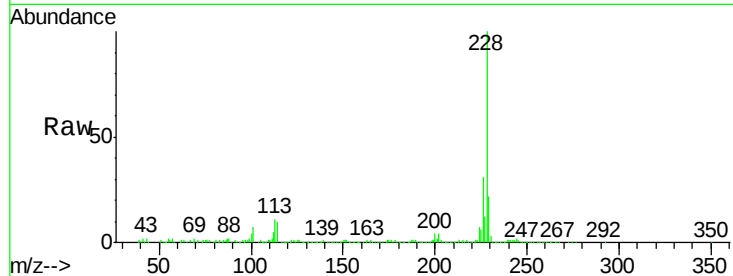
Tot Ion:228 Resp: 464549

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

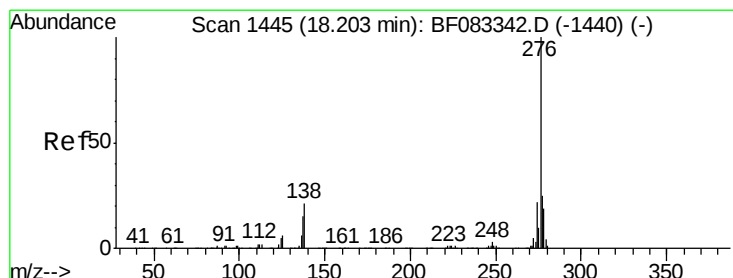
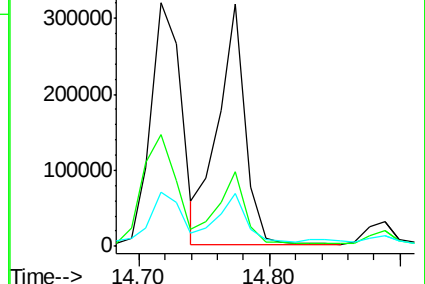
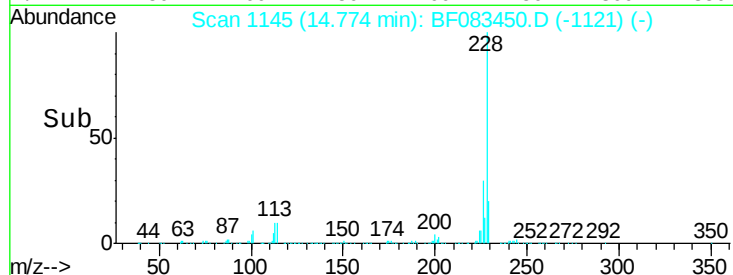
229 21.6 16.2 24.2



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: 5.92 ng

RT: 18.18 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

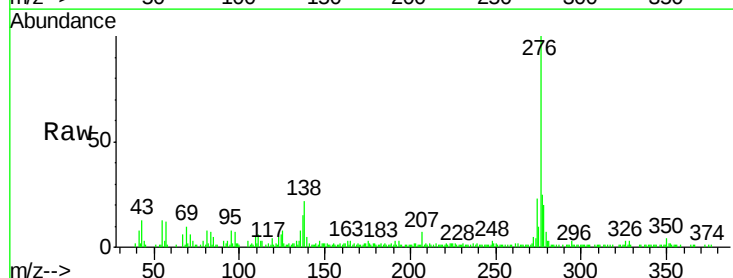
Tgt Ion:276 Resp: 95798

Ion Ratio Lower Upper

276 100

138 22.8 21.2 31.8

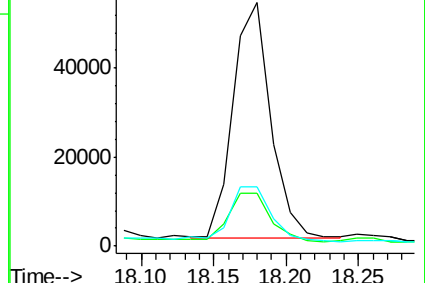
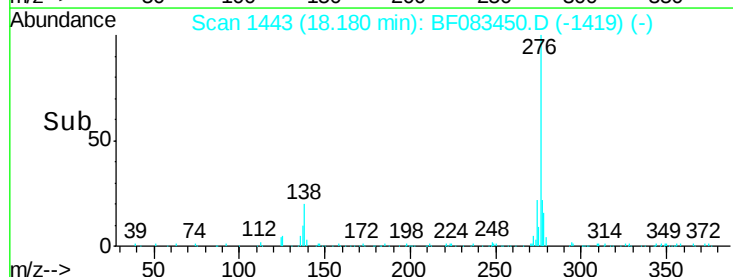
277 26.7 20.0 30.0

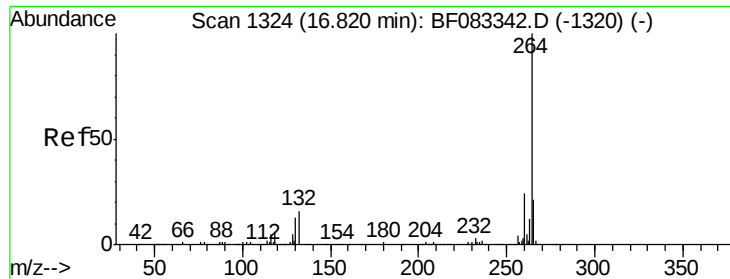


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

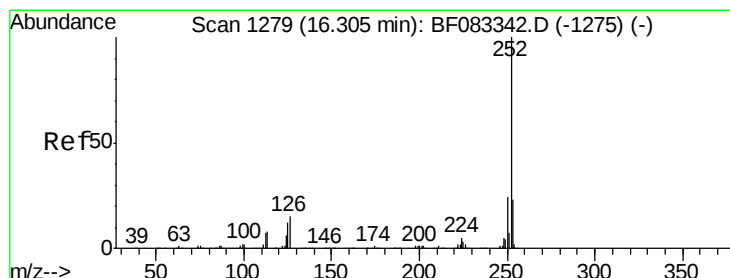
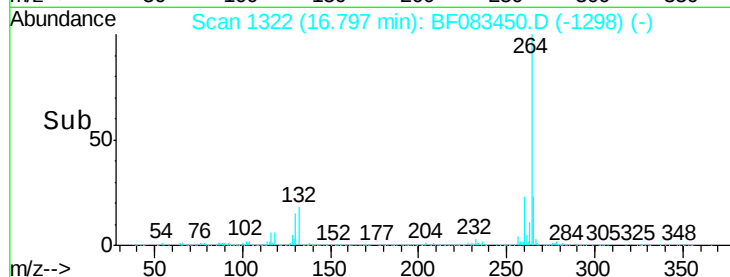
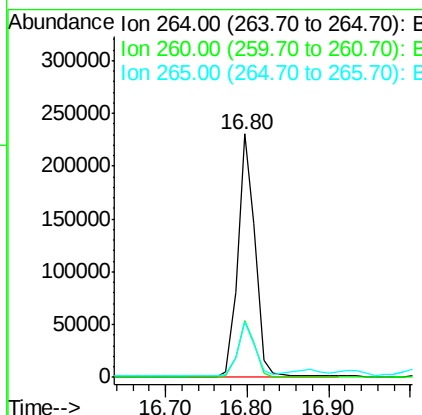
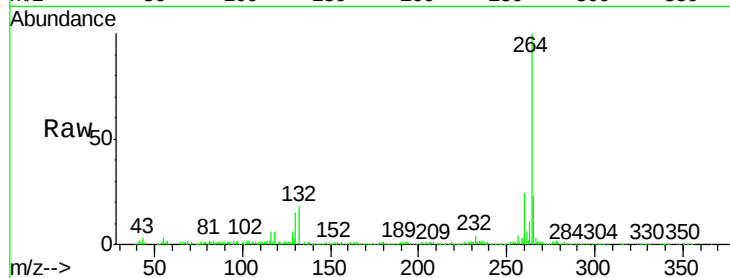




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

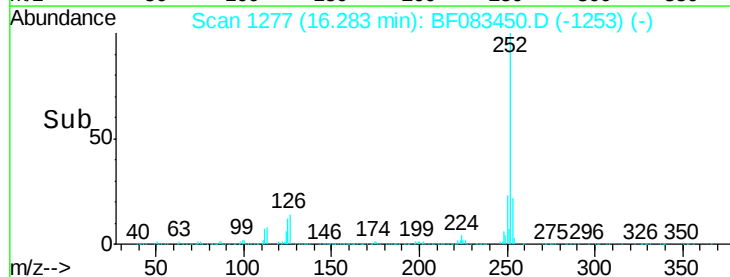
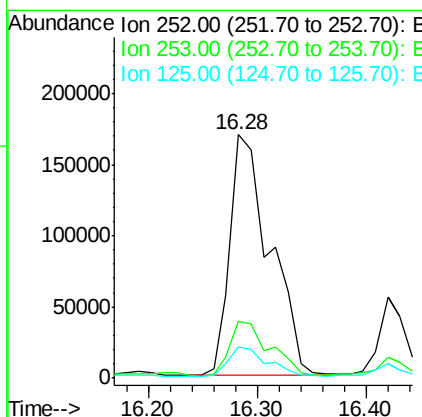
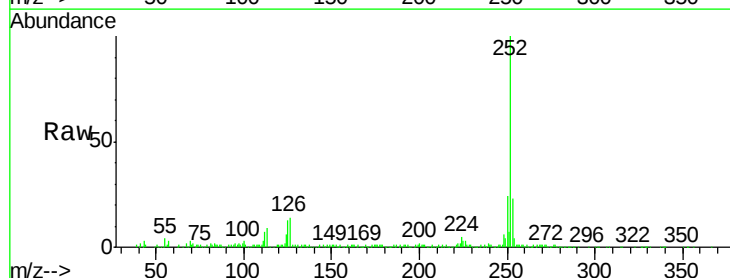
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)

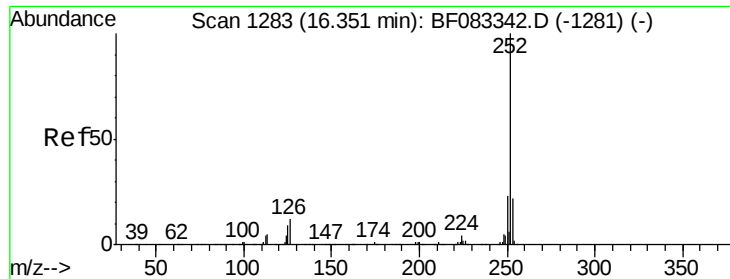
Tot Ion:264 Resp: 335026
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.9 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 20.16 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF083450.D
Acq: 3 Dec 2015 8:25

Tgt Ion:252 Resp: 433308
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 13.0 9.6 14.4





#88

Benzo(k)fluoranthene

Concen: 21.35 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.07 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

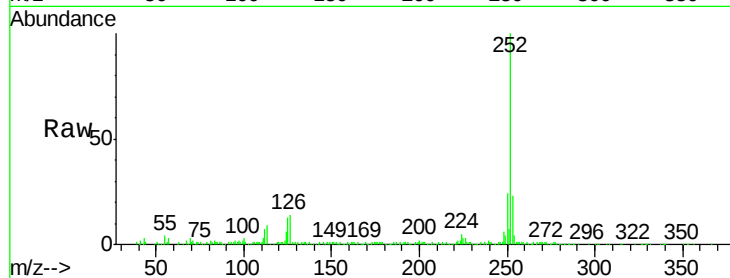
Tot Ion:252 Resp: 433308

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

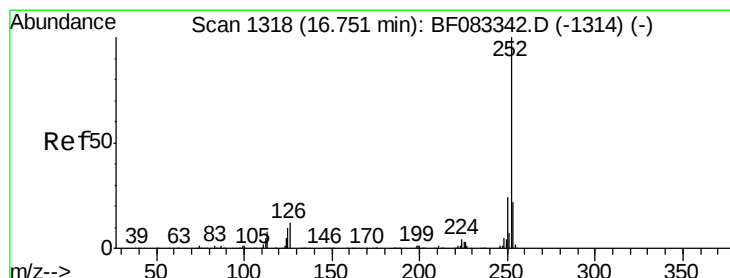
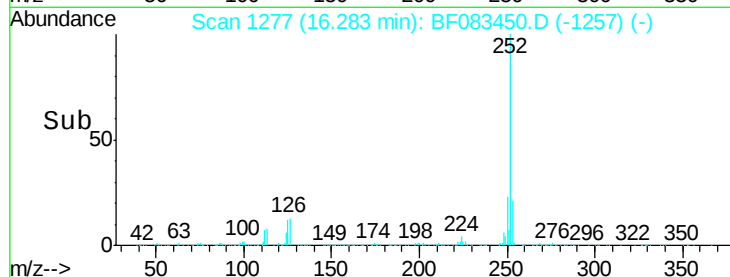
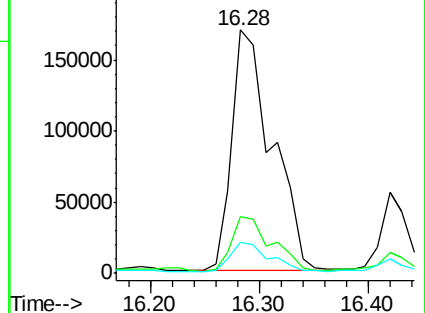
125 13.0 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 17.60 ng

RT: 16.73 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

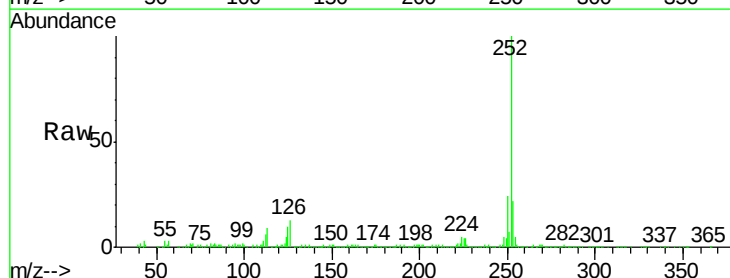
Tgt Ion:252 Resp: 324902

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

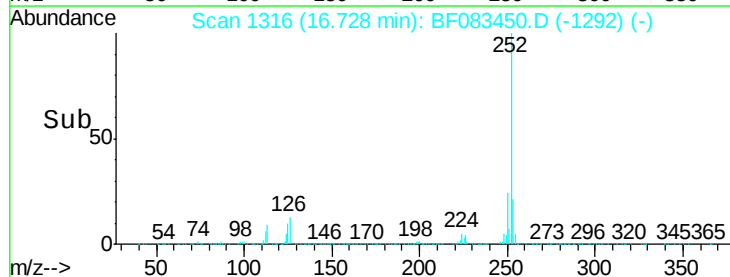
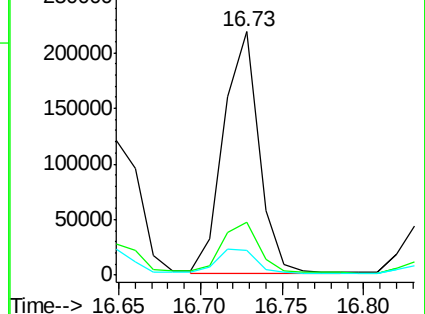
125 10.2 7.8 11.8

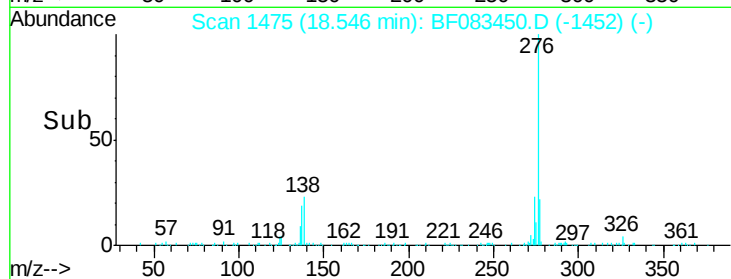
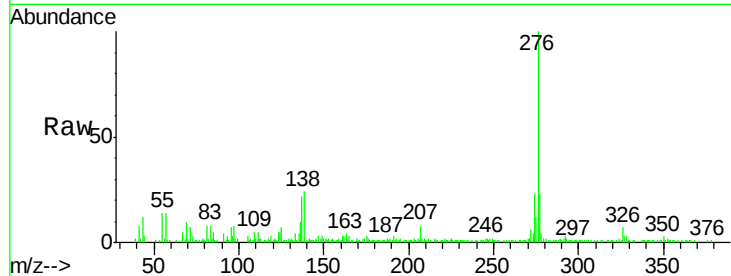
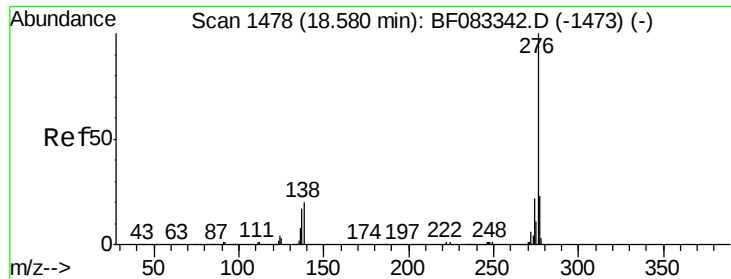


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 6.45 ng

RT: 18.55 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF083450.D

Acq: 3 Dec 2015 8:25

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)

Tot Ion:276 Resp: 101821

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 24.0 16.1 24.1

