

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083424.D
 Acq On : 2 Dec 2015 18:15
 Operator : UM/IZ
 Sample : G4582-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-05(8-14)

Quant Time: Dec 03 02:46:40 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	625783	20.00	ng	0.15
21) Naphthalene-d8	7.84	136	537555	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	283530	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	519415	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	397511	20.00	ng	-0.03
86) Perylene-d12	16.80	264	317666	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	1489301	35.71	ng	0.01
7) Phenol-d6	6.21	99	1812224	31.75	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1289279	105.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	372851	131.00	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1737168	87.31	ng	-0.01
78) Terphenyl-d14	13.21	244	1662704	99.75	ng	-0.01

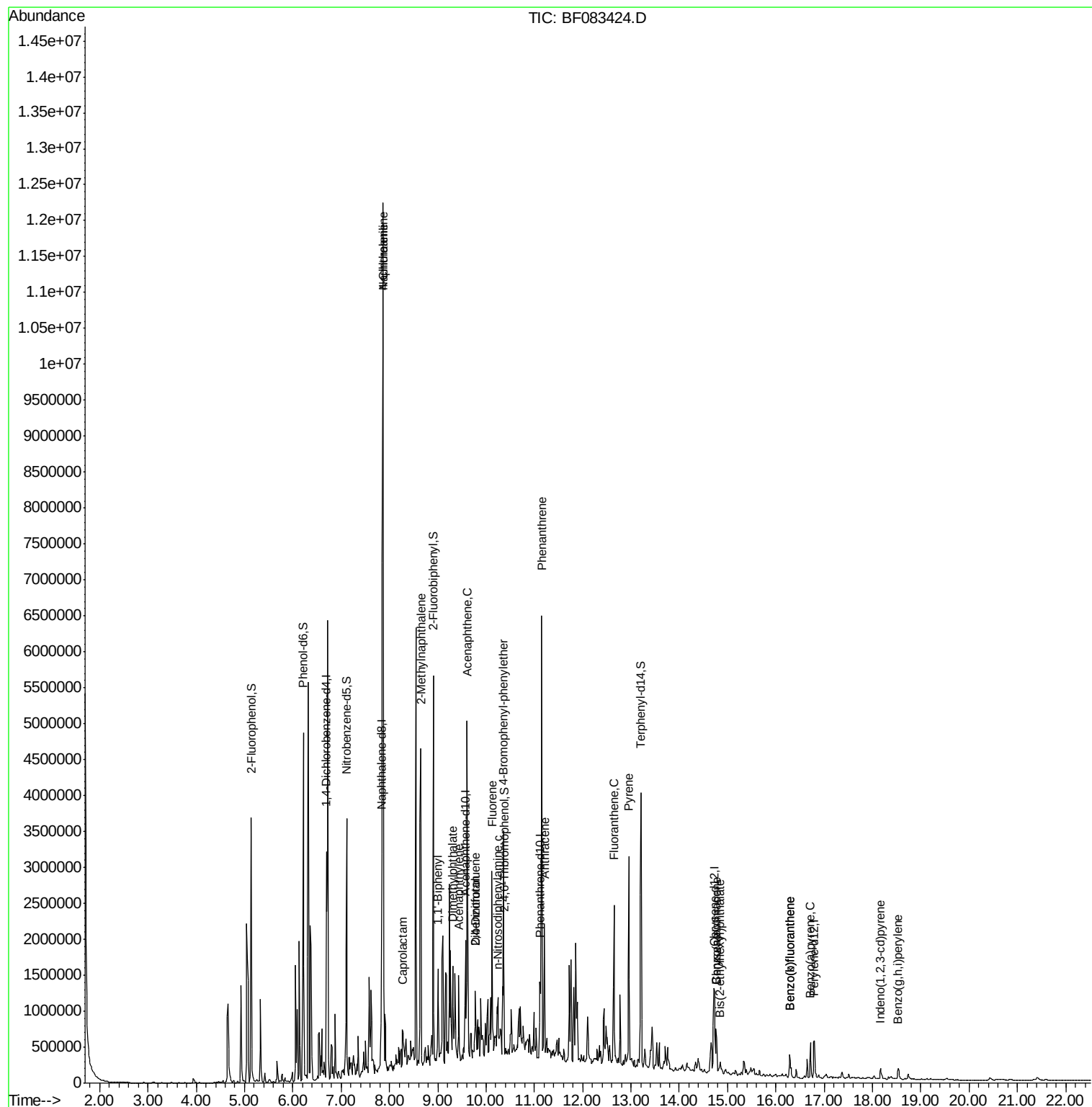
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.22	77	18648	Below Cal	#	1
31) Naphthalene	7.87	128	8553866	293.28	ng	88
33) 4-Chloroaniline	7.87	127	1445191	114.94	ng	34
35) Caprolactam	8.27	113	14768	5.44	ng	1
37) 2-Methylnaphthalene	8.65	142	1630032	83.62	ng	96
45) 1,1'-Biphenyl	9.00	154	474082	19.07	ng	95
48) Acenaphthylene	9.44	152	208090	6.89	ng	# 91
49) Dimethylphthalate	9.31	163	408229	17.72	ng	99
51) Acenaphthene	9.61	154	1236919	69.58	ng	99
54) Dibenzofuran	9.78	168	140039	5.38	ng	# 89
56) 2,4-Dinitrotoluene	9.78	165	21890	3.51	ng	# 46
57) Fluorene	10.12	166	943939	45.89	ng	97
65) n-Nitrosodiphenylamine	10.24	169	51053	2.80	ng	# 4
66) 4-Bromophenyl-phenylether	10.36	248	23153	4.07	ng	# 1
70) Phenanthrene	11.15	178	2977011	96.85	ng	96
71) Anthracene	11.21	178	981229	31.71	ng	99
74) Fluoranthene	12.65	202	1149372	36.07	ng	97
77) Pyrene	12.96	202	1626698	58.60	ng	97
80) Benzo(a)anthracene	14.76	228	376103	15.44	ng	95
82) Chrysene	14.76	228	376103	15.98	ng	98
83) Bis(2-ethylhexyl)phthalate	14.84	149	54203	3.43	ng	# 98
85) Indeno(1,2,3-cd)pyrene	18.17	276	101427	5.92	ng	95
87) Benzo(b)fluoranthene	16.28	252	289989	14.23	ng	99
88) Benzo(k)fluoranthene	16.28	252	289989	15.07	ng	# 97
89) Benzo(a)pyrene	16.72	252	274140	15.66	ng	98
91) Benzo(g,h,i)perylene	18.53	276	123047	8.22	ng	97

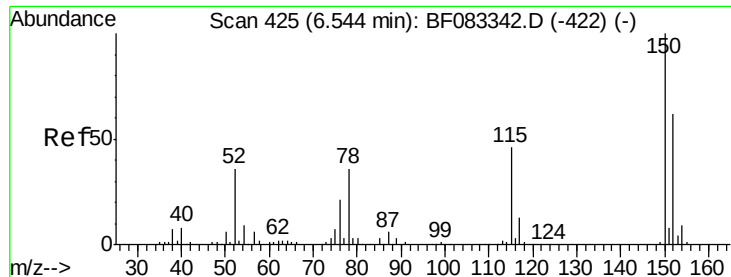
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 438

Delta R.T. 0.15 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

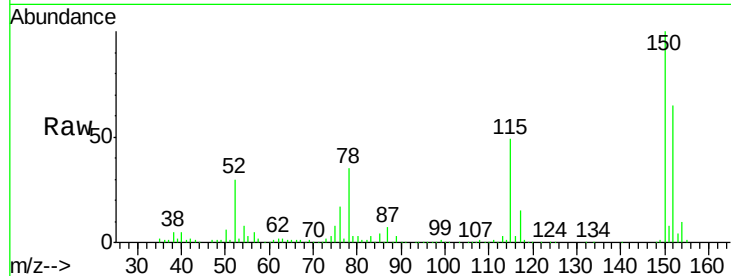
Tgt Ion:152 Resp: 625783

Ion Ratio Lower Upper

152 100

150 154.7 129.8 194.8

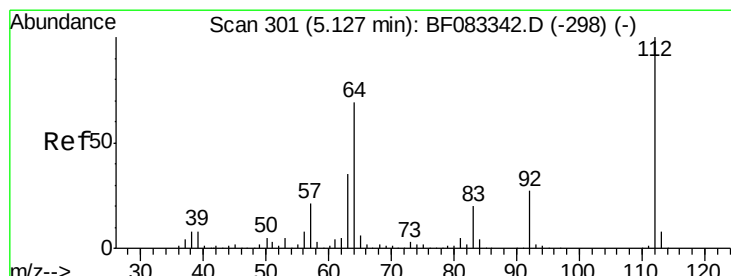
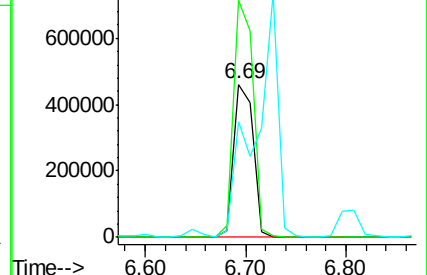
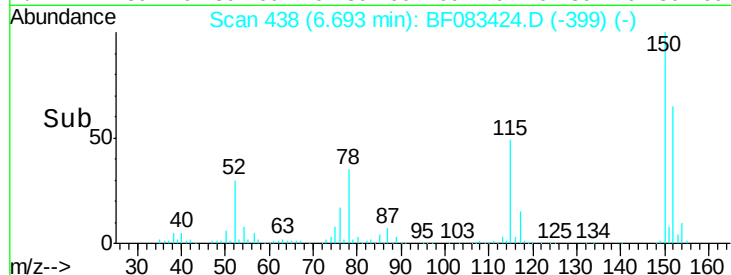
115 75.6 59.2 88.8



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: 35.71 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

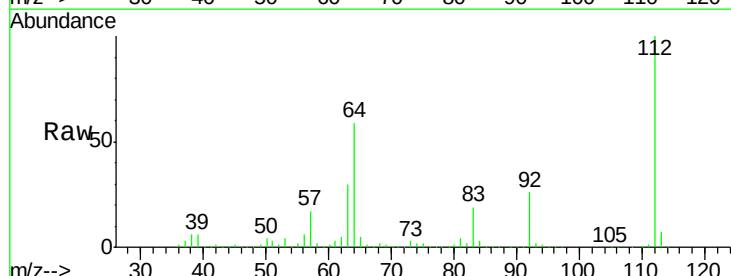
Tgt Ion:112 Resp: 1489301

Ion Ratio Lower Upper

112 100

64 59.4 55.6 83.4

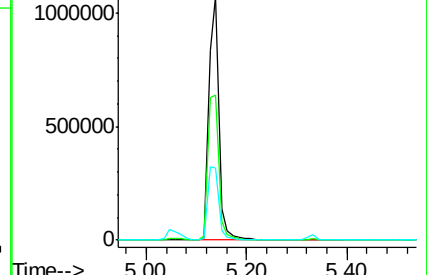
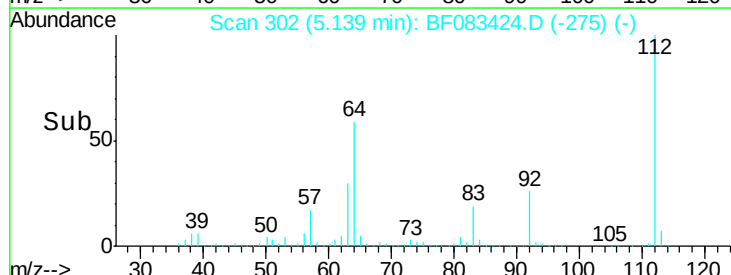
63 29.9 28.2 42.2

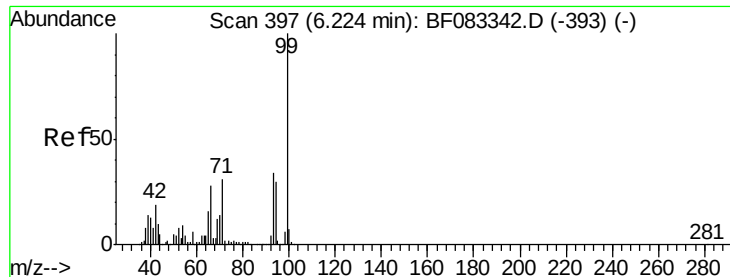


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.75 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

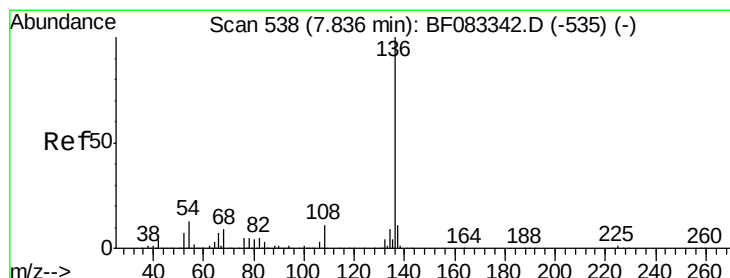
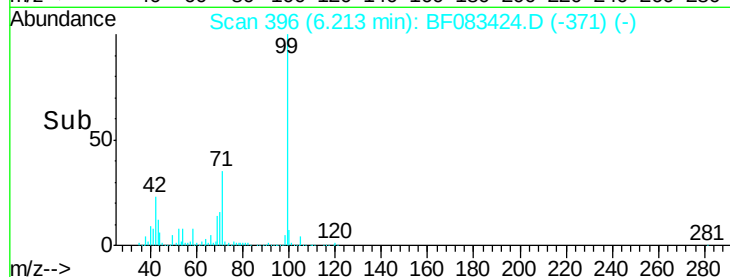
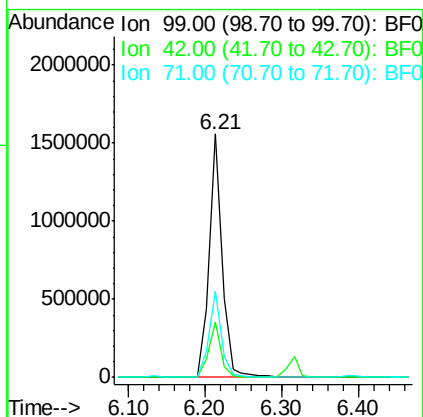
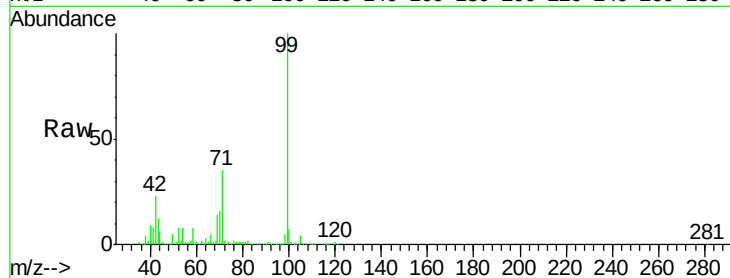
BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

Tgt Ion: 99 Resp: 1812224

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.9	22.3#
71	35.3	24.7	37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

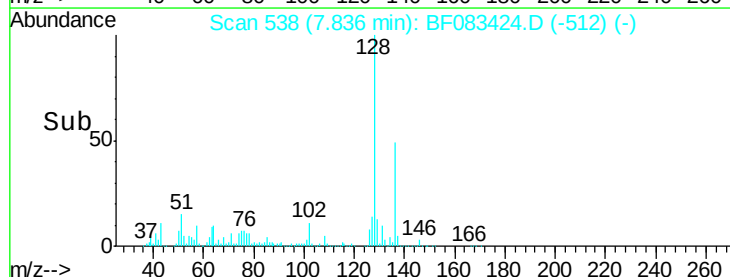
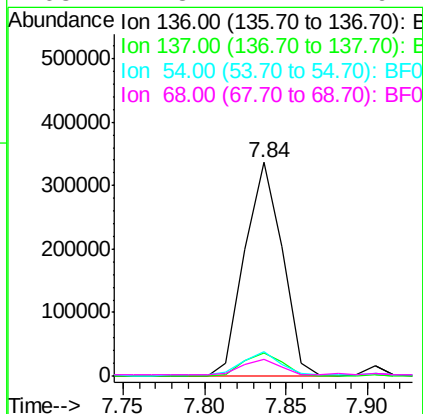
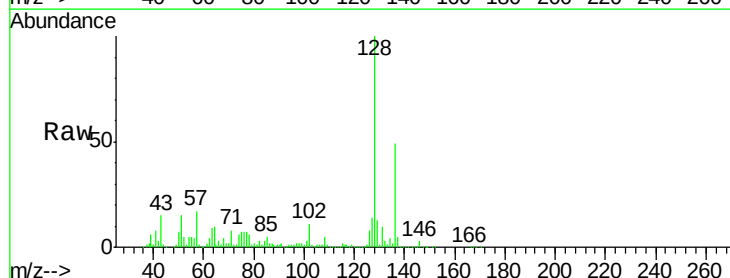
Delta R.T. 0.00 min

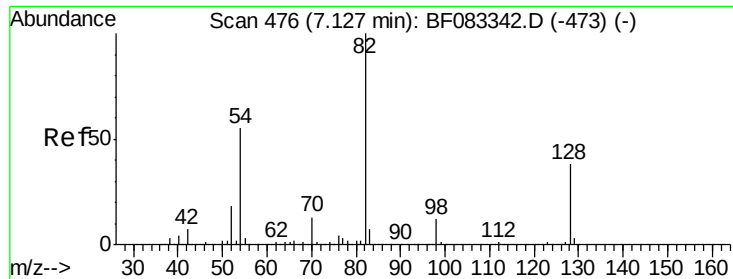
Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Tgt Ion: 136 Resp: 537555

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	11.2	10.1	15.1
68	7.8	7.1	10.7

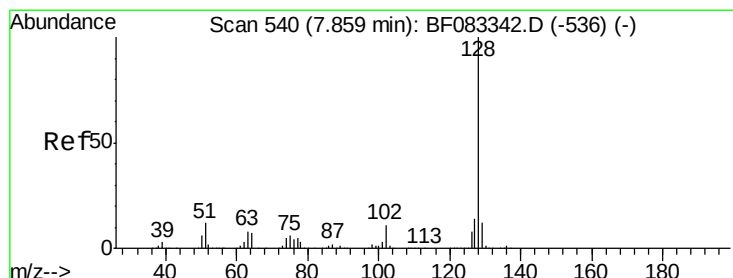
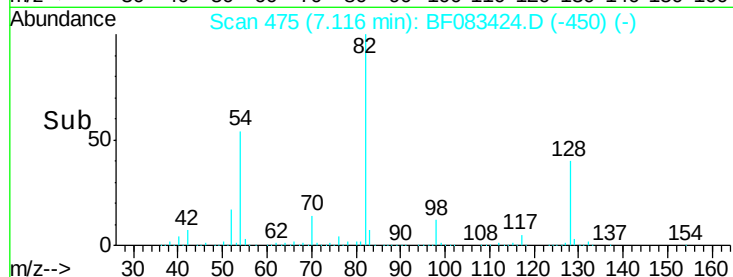
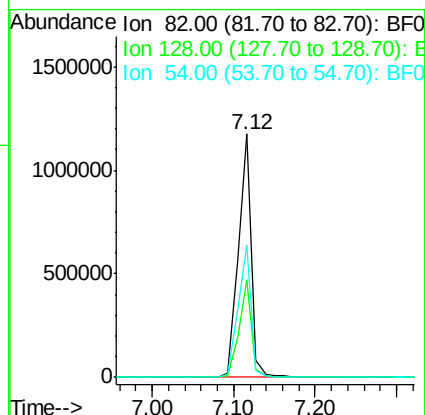
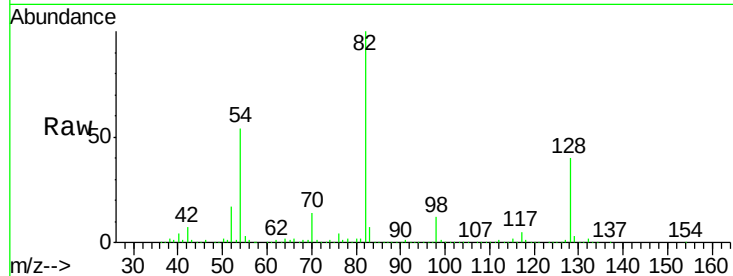




#23
 Nitrobenzene-d5
 Concen: 105.43 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083424.D
 Acq: 2 Dec 2015 18:15

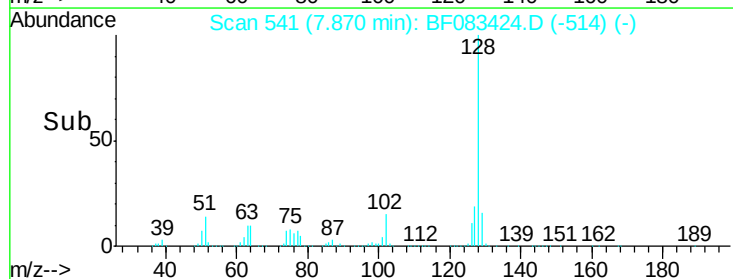
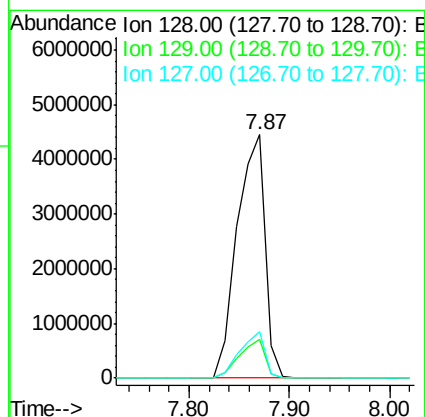
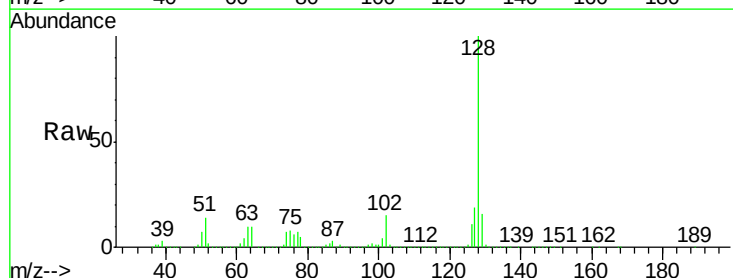
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 BNA_F
 ClientSampleId :
 SB-P3WC-05(8-14)

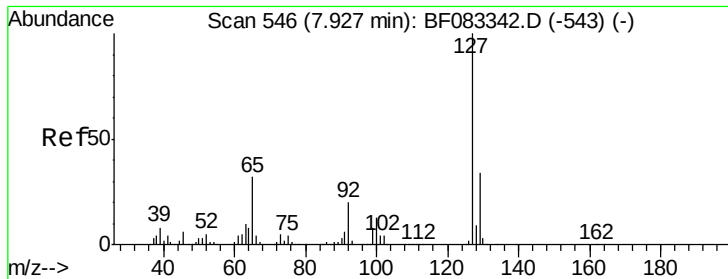
Tgt Ion: 82 Resp: 1289279
 Ion Ratio Lower Upper
 82 100
 128 40.2 30.6 46.0
 54 54.2 43.8 65.6



#31
 Naphthalene
 Concen: 293.28 ng
 RT: 7.87 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF083424.D
 Acq: 2 Dec 2015 18:15

Tgt Ion: 128 Resp: 8553866
 Ion Ratio Lower Upper
 128 100
 129 16.0 9.7 14.5#
 127 19.0 11.0 16.4#

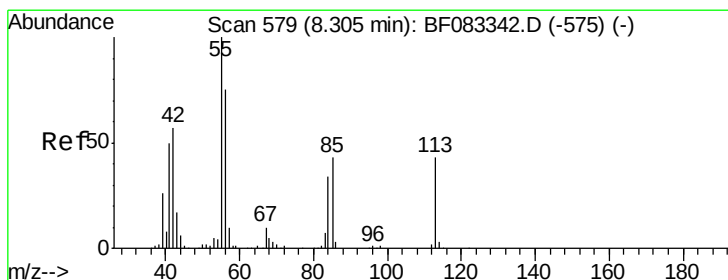
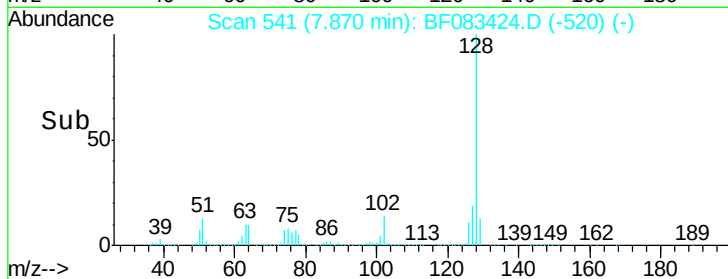
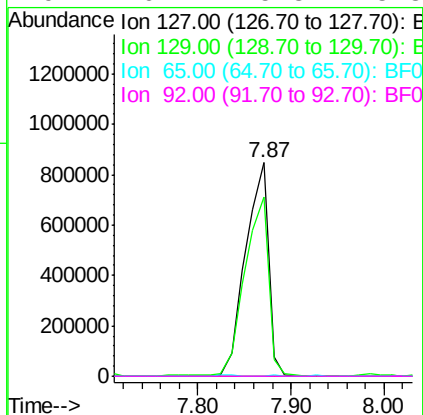
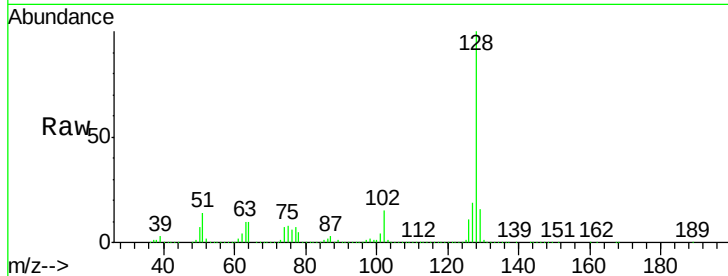




#33
 4-Chloroaniline
 Concen: 114.94 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.06 min
 Lab File: BF083424.D
 Acq: 2 Dec 2015 18:15

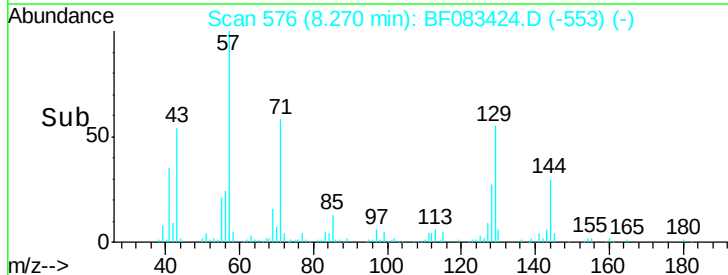
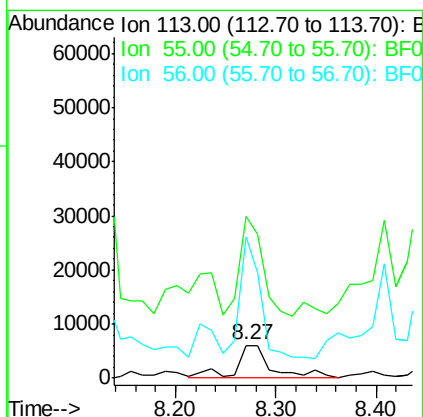
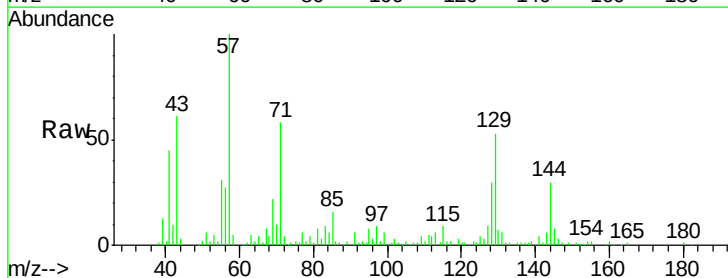
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-05(8-14)

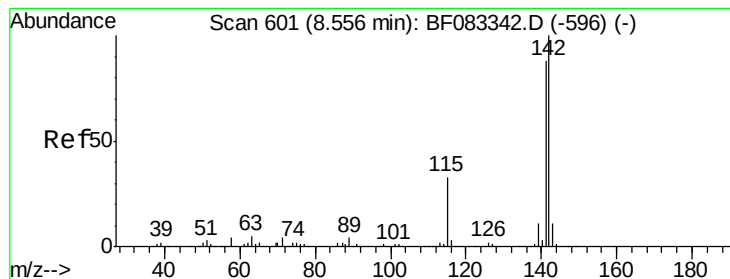
Tgt Ion:127 Resp: 1445191
 Ion Ratio Lower Upper
 127 100
 129 84.0 27.0 40.4#
 65 0.0 25.9 38.9#
 92 0.1 15.8 23.8#



#35
 Caprolactam
 Concen: 5.44 ng
 RT: 8.27 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF083424.D
 Acq: 2 Dec 2015 18:15

Tgt Ion:113 Resp: 14768
 Ion Ratio Lower Upper
 113 100
 55 493.0 211.6 251.6#
 56 429.5 153.0 193.0#





#37

2-Methylnaphthalene

Concen: 83.62 ng

RT: 8.65 min Scan# 609

Delta R.T. 0.09 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

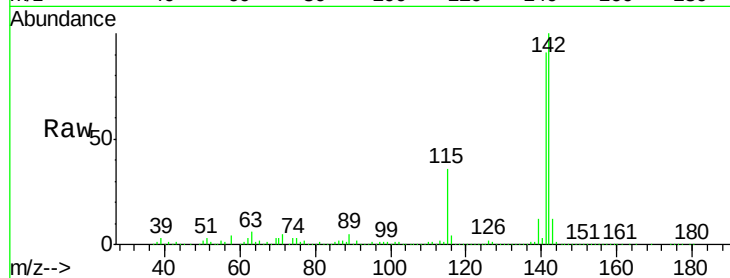
Tgt Ion:142 Resp: 1630032

Ion Ratio Lower Upper

142 100

141 91.3 70.6 105.8

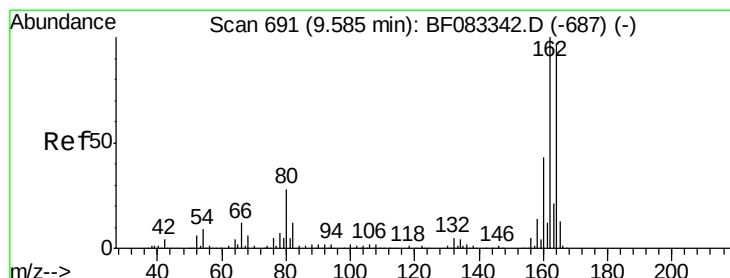
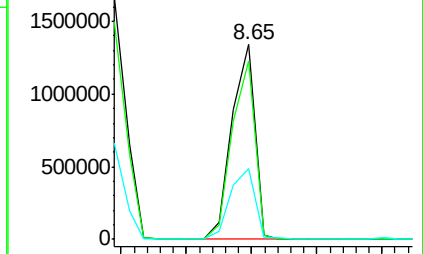
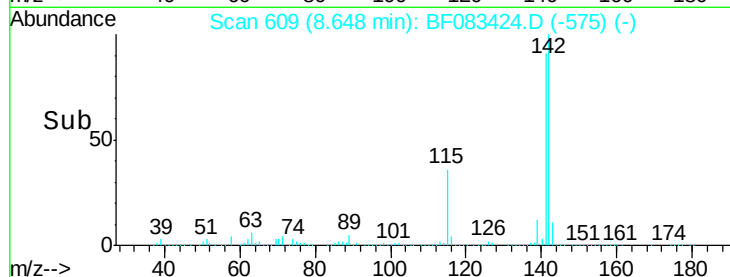
115 36.5 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

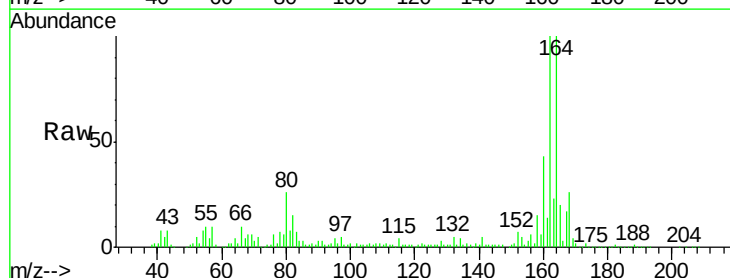
Tgt Ion:164 Resp: 283530

Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

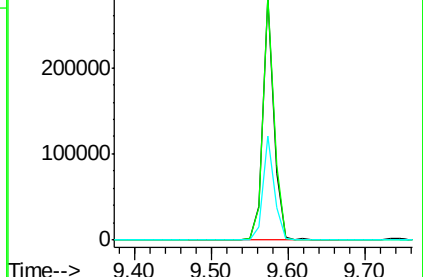
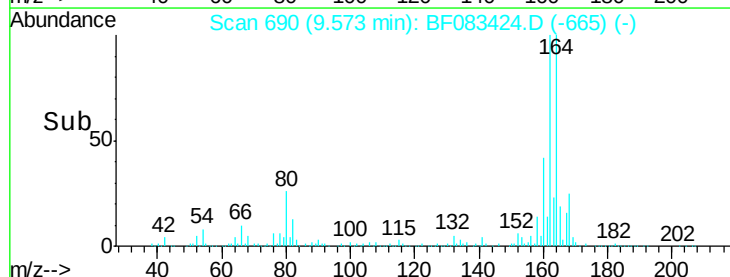
160 42.6 35.3 52.9

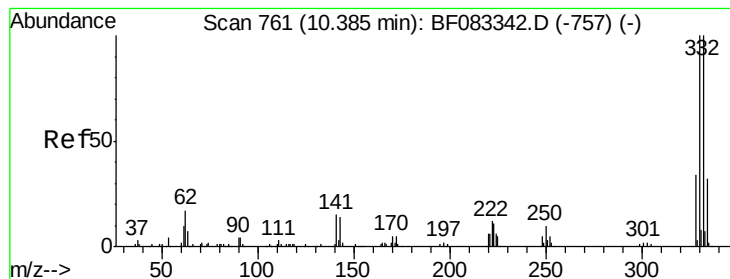


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

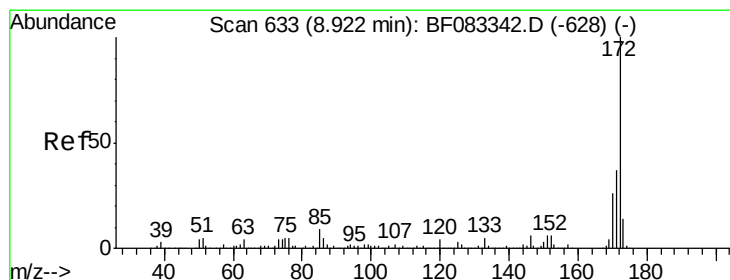
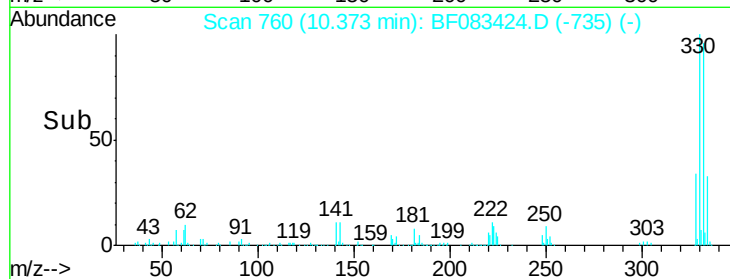
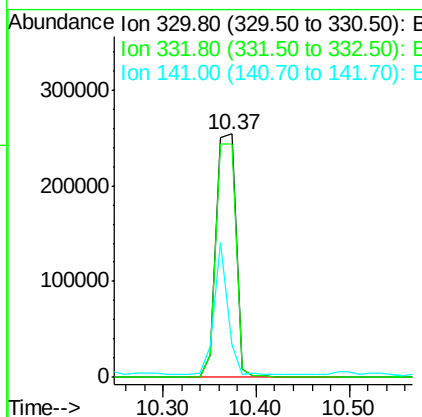
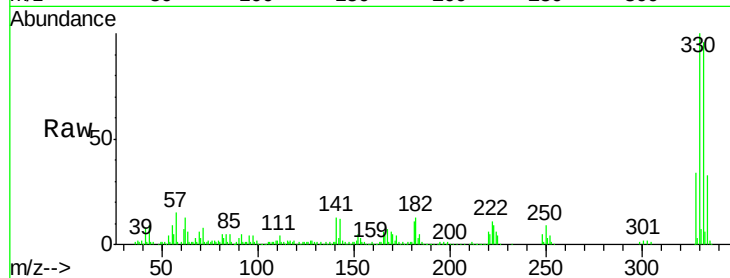




#41
 2,4,6-Tribromophenol
 Concen: 131.00 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083424.D
 Acq: 2 Dec 2015 18:15

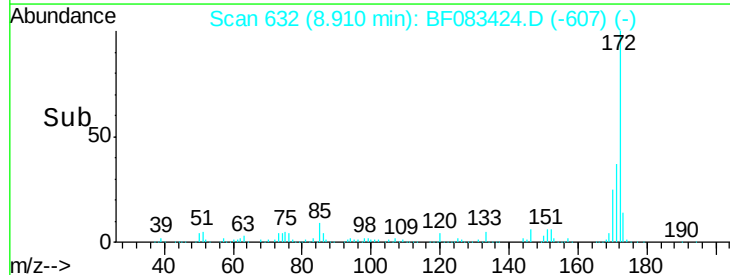
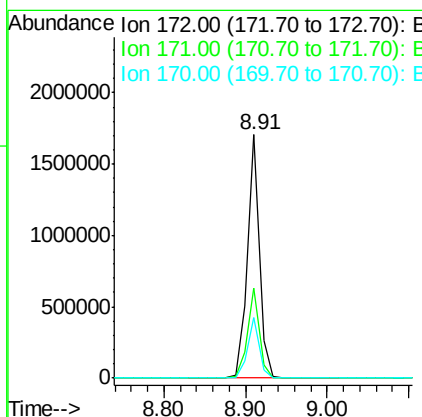
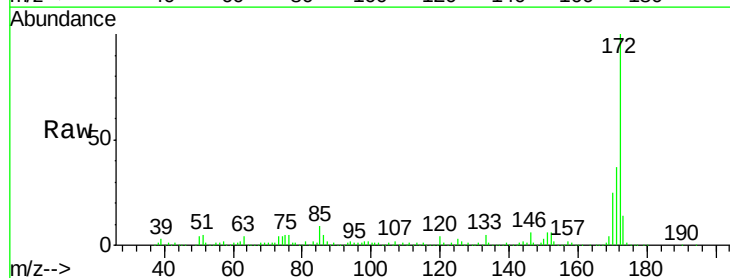
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 SB-P3WC-05(8-14)

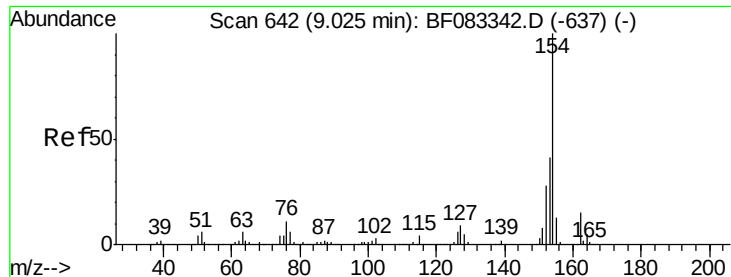
Tgt Ion:330 Resp: 372851
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.8 116.6
 141 38.2 29.4 44.0



#44
 2-Fluorobiphenyl
 Concen: 87.31 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083424.D
 Acq: 2 Dec 2015 18:15

Tgt Ion:172 Resp: 1737168
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.8 20.4 30.6





#45

1,1'-Biphenyl

Concen: 19.07 ng

RT: 9.00 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

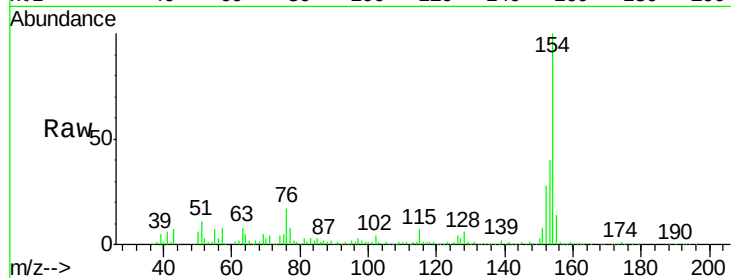
Tgt Ion:154 Resp: 474082

Ion Ratio Lower Upper

154 100

153 39.6 20.6 60.6

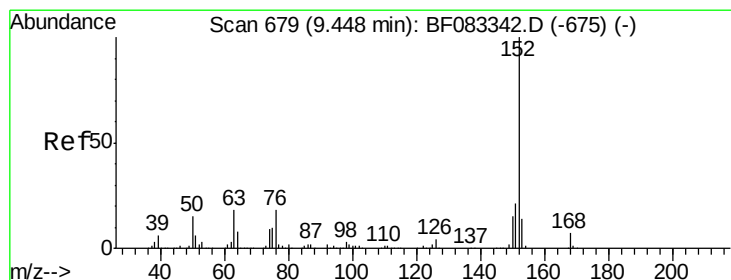
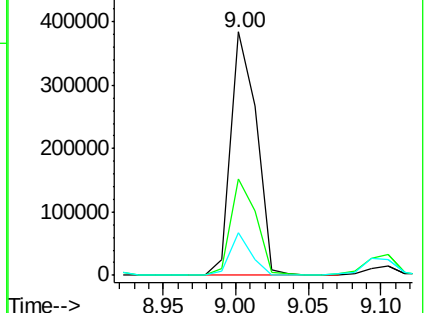
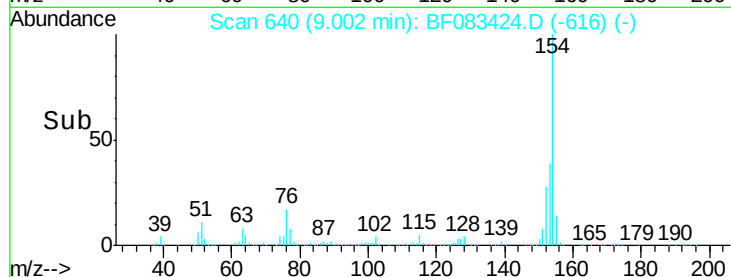
76 17.4 0.0 30.5



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: 6.89 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

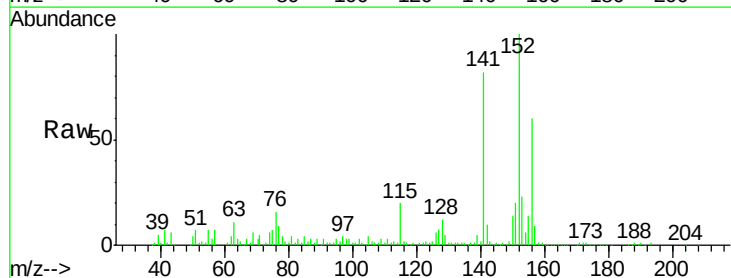
Tgt Ion:152 Resp: 208090

Ion Ratio Lower Upper

152 100

151 20.4 16.7 25.1

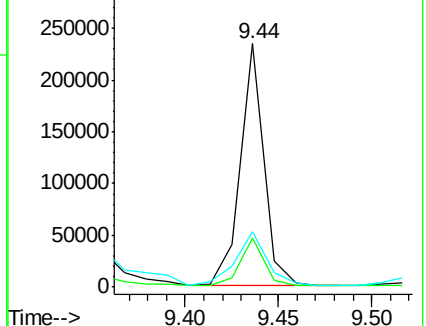
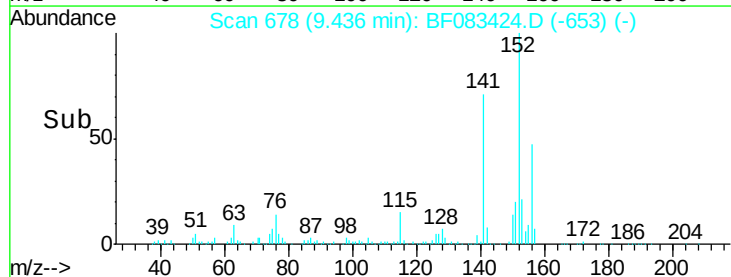
153 22.8 11.2 16.8#

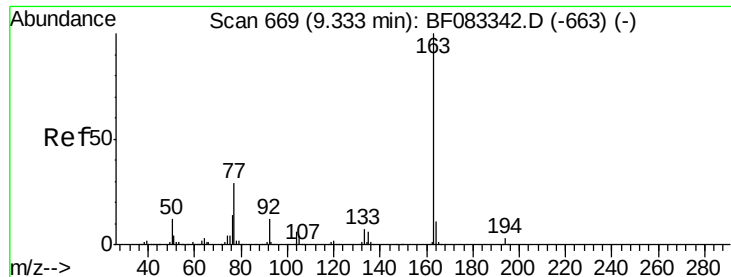


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 17.72 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

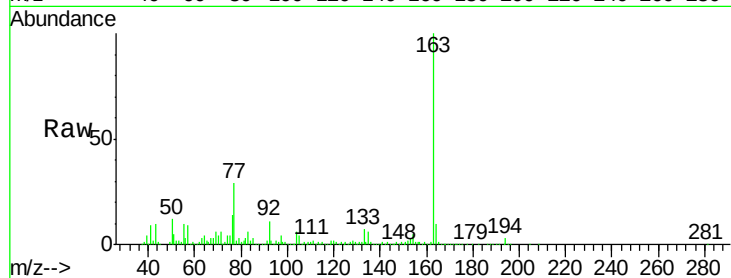
Tgt Ion:163 Resp: 408229

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

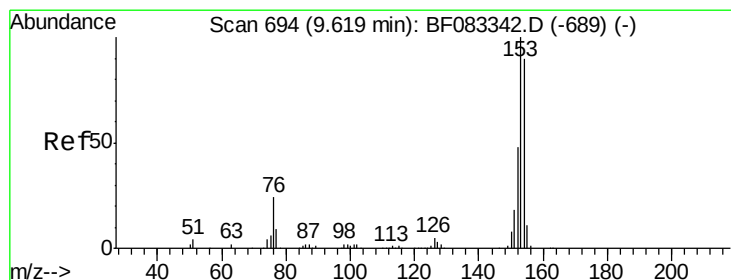
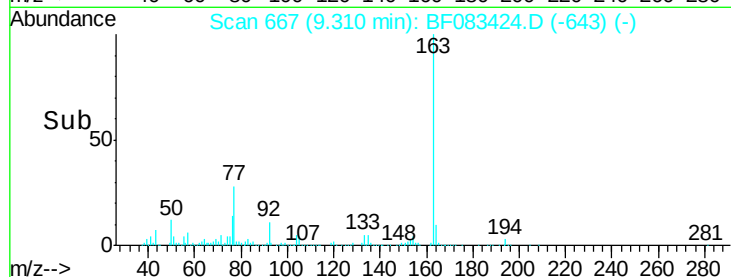
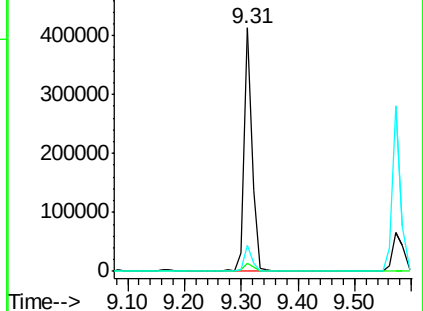
164 10.5 8.8 13.2



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: 69.58 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

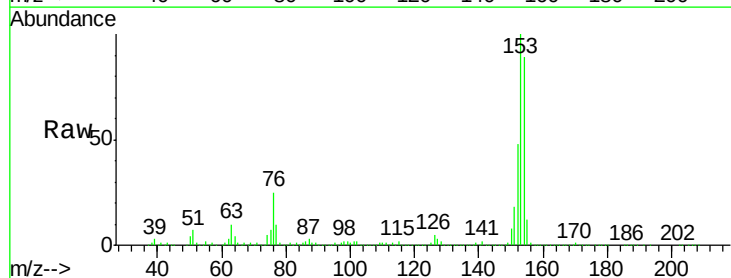
Tgt Ion:154 Resp: 1236919

Ion Ratio Lower Upper

154 100

153 112.7 89.3 133.9

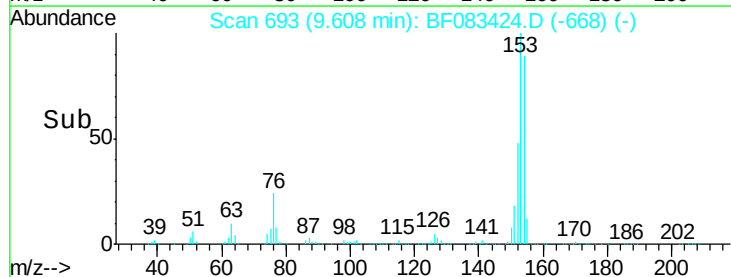
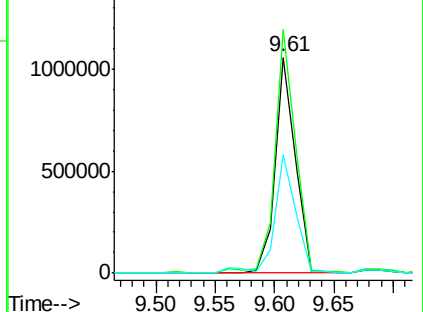
152 54.5 42.5 63.7

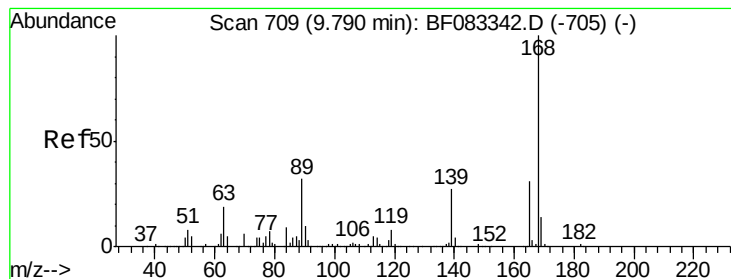


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 5.38 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

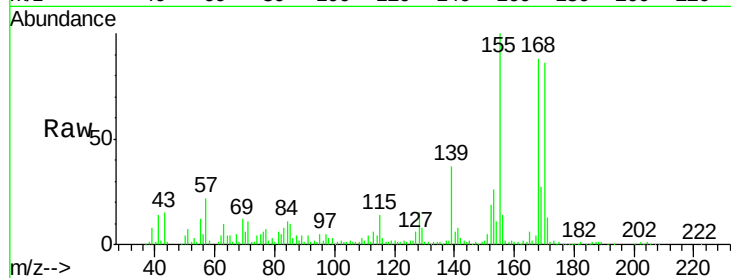
Tgt Ion:168 Resp: 140039

Ion Ratio Lower Upper

168 100

139 41.4 32.7 49.1

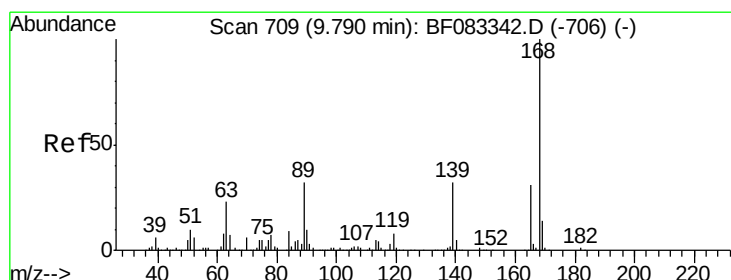
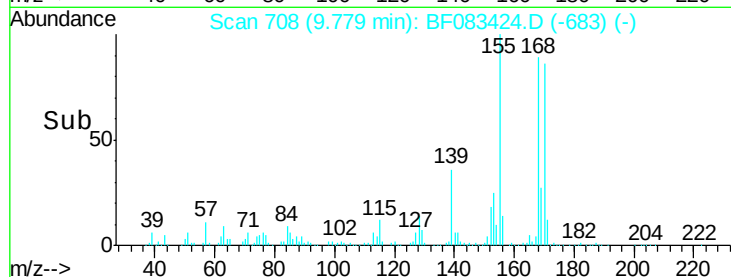
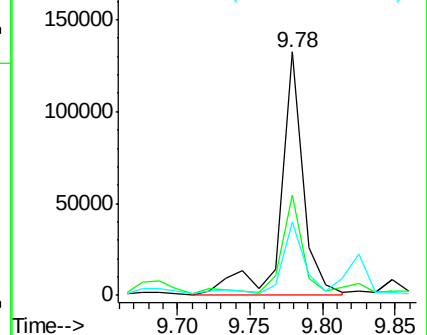
169 30.1 11.1 16.7#



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



#56

2,4-Dinitrotoluene

Concen: 3.51 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Tgt Ion:165 Resp: 21890

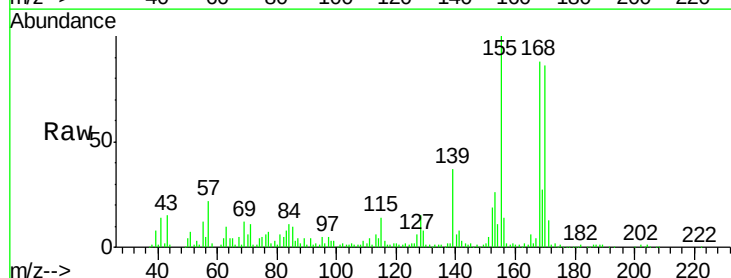
Ion Ratio Lower Upper

165 100

63 161.7 65.4 98.0#

89 76.0 81.2 121.8#

182 9.5 1.8 2.8#

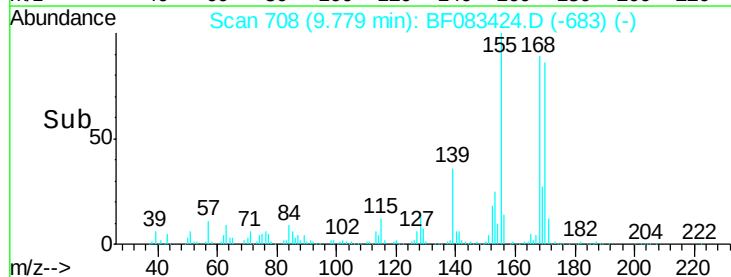
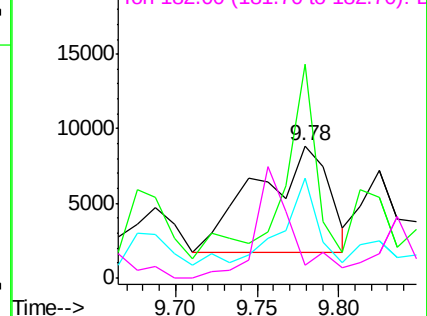


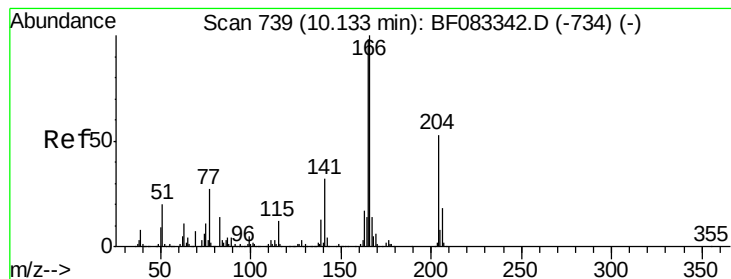
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.89 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

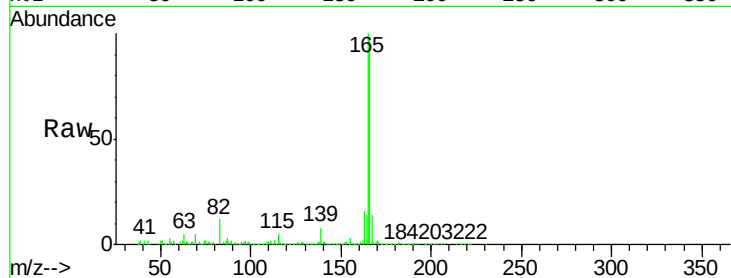
Tgt Ion:166 Resp: 943939

Ion Ratio Lower Upper

166 100

165 101.6 78.3 117.5

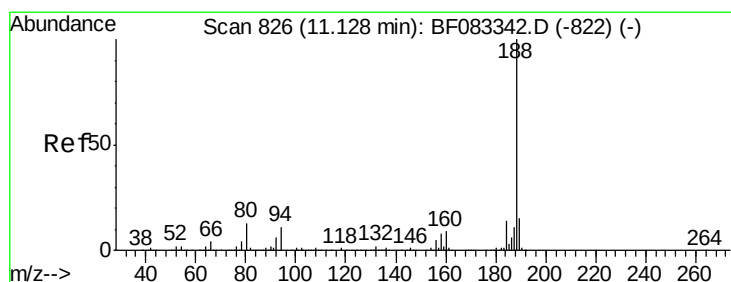
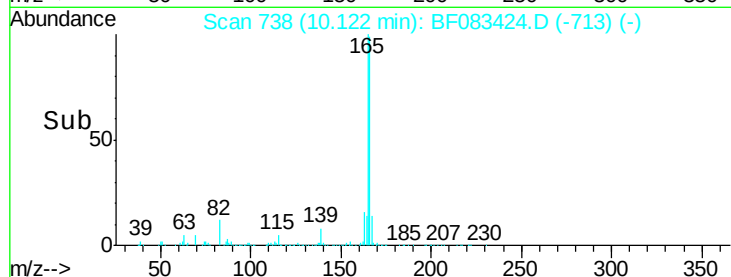
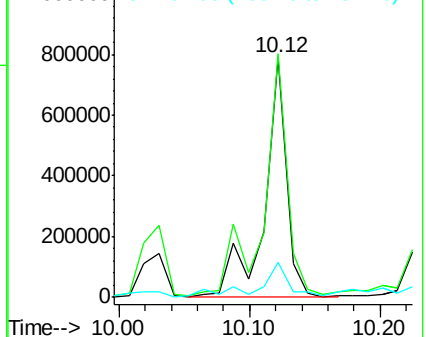
167 14.6 11.1 16.7



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: 20.00 ng

RT: 11.12 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

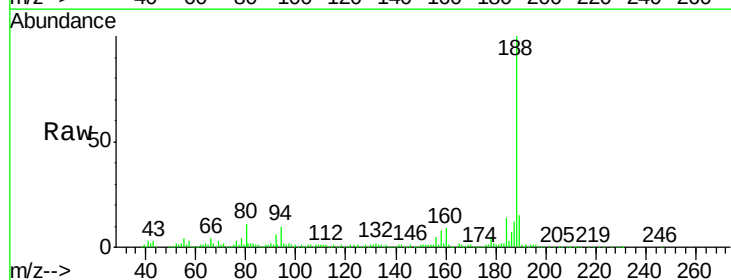
Tgt Ion:188 Resp: 519415

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

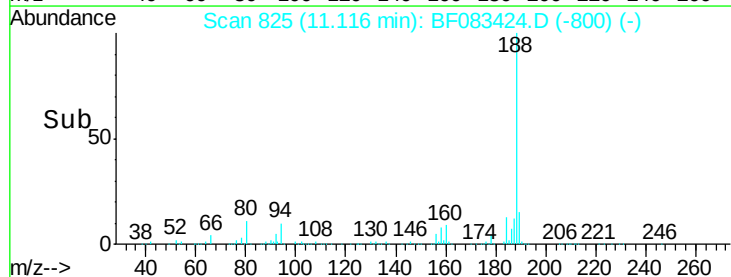
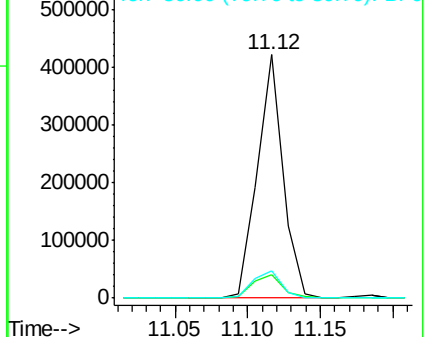
80 11.4 10.3 15.5

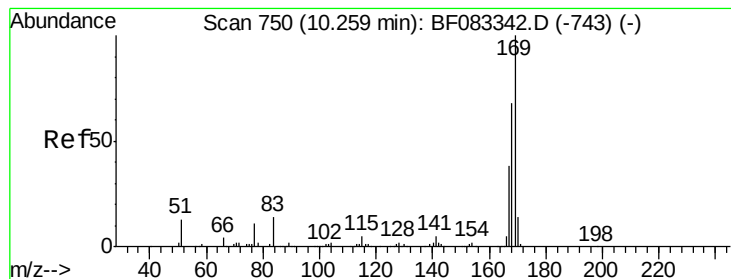


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 2.80 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

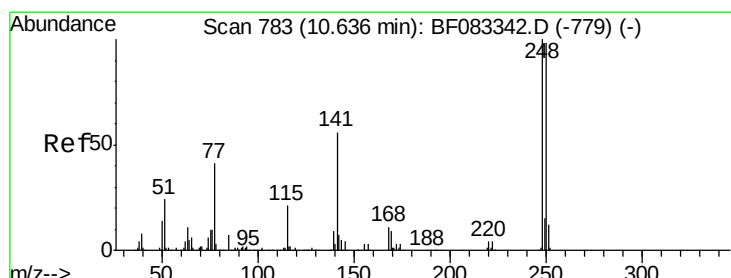
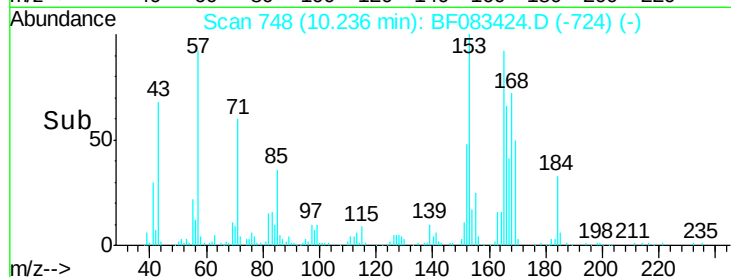
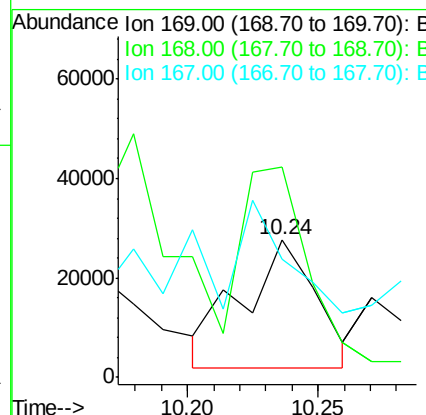
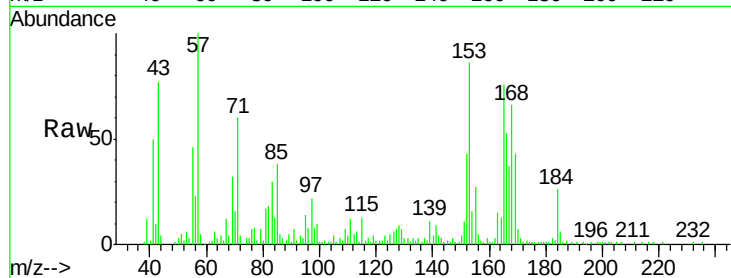
Tgt Ion:169 Resp: 51053

Ion Ratio Lower Upper

169 100

168 153.4 54.8 82.2#

167 85.8 30.2 45.2#



#66

4-Bromophenyl-phenylether

Concen: 4.07 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

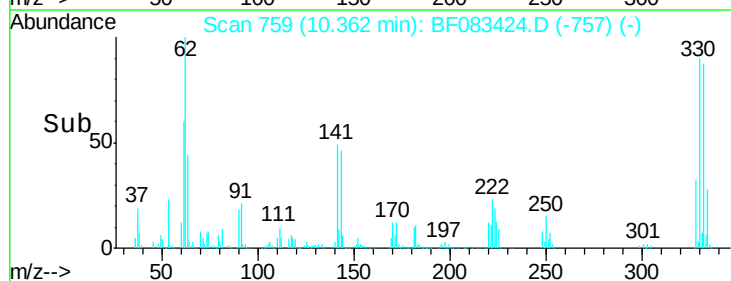
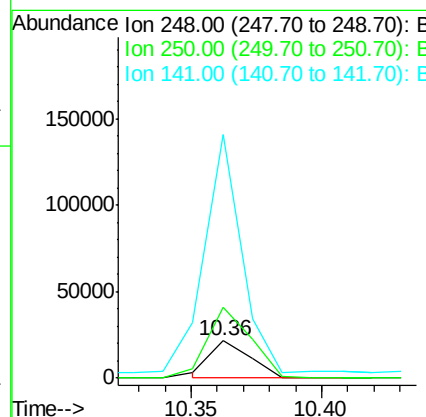
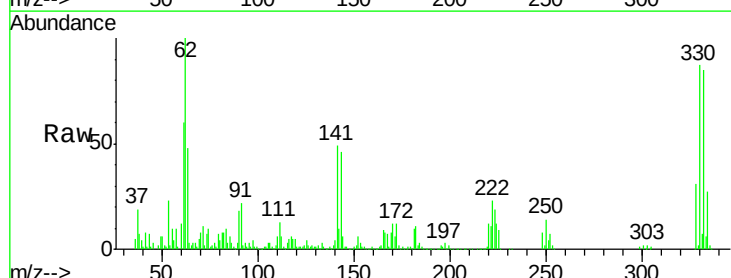
Tgt Ion:248 Resp: 23153

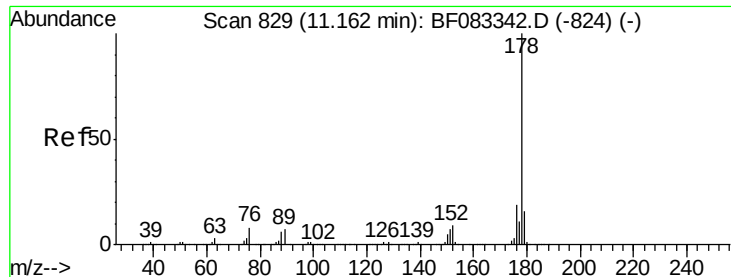
Ion Ratio Lower Upper

248 100

250 190.5 78.6 118.0#

141 651.1 44.4 66.6#

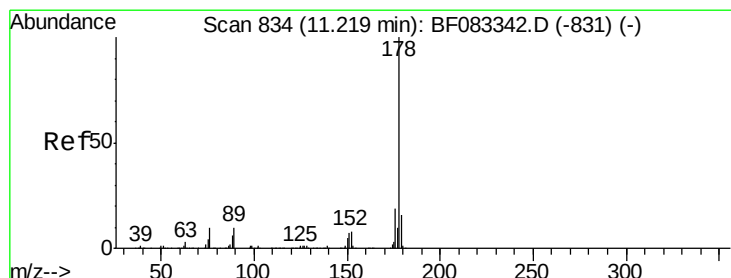
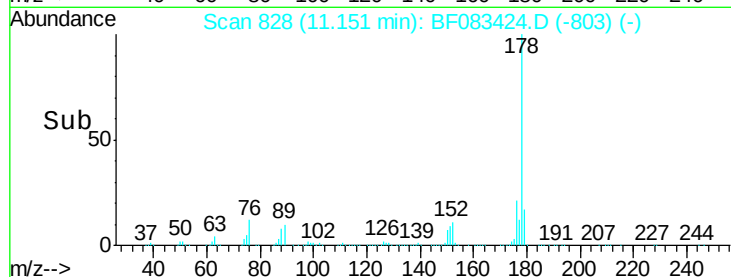
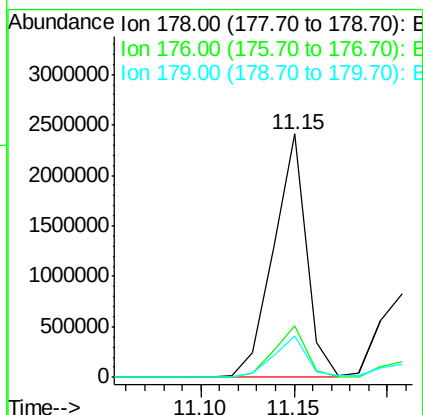
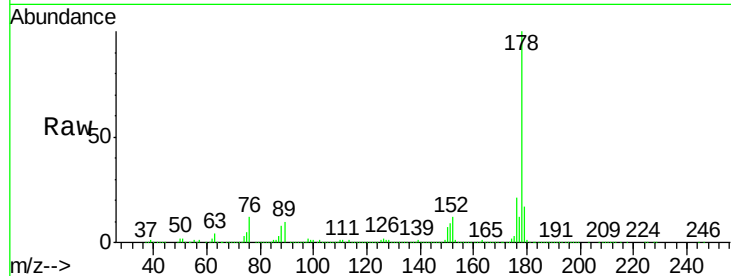




#70
Phenanthrene
Concen: 96.85 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF083424.D
Acq: 2 Dec 2015 18:15

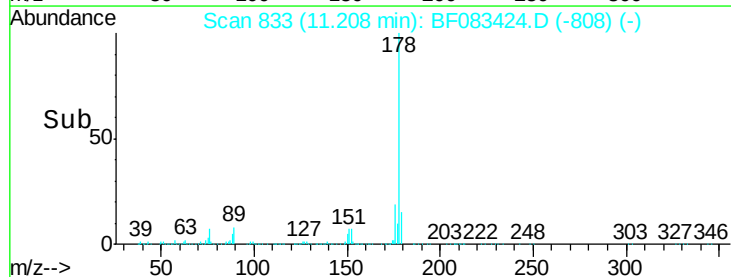
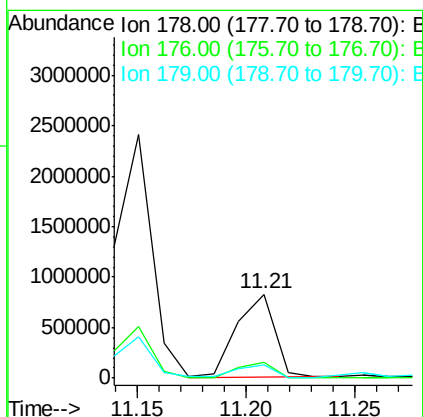
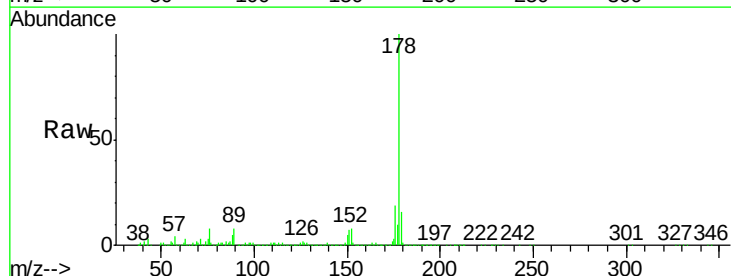
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-05(8-14)

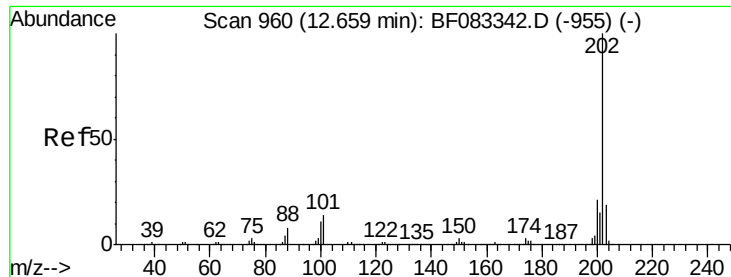
Tgt Ion:178 Resp: 2977011
Ion Ratio Lower Upper
178 100
176 21.1 15.3 22.9
179 17.1 12.4 18.6



#71
Anthracene
Concen: 31.71 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF083424.D
Acq: 2 Dec 2015 18:15

Tgt Ion:178 Resp: 981229
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.7 12.8 19.2





#74

Fluoranthene

Concen: 36.07 ng

RT: 12.65 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

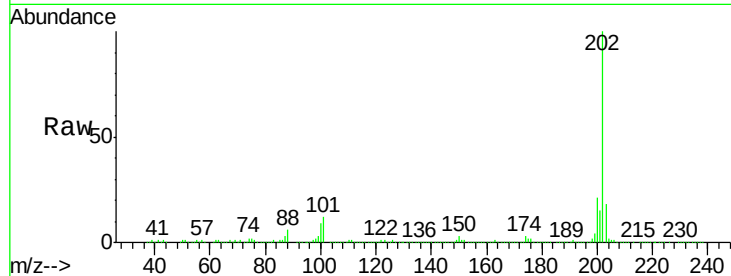
Tgt Ion:202 Resp: 1149372

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.5

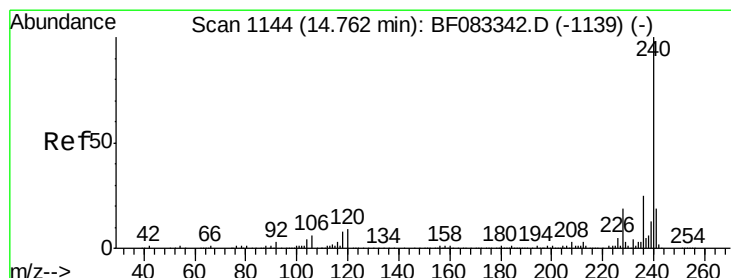
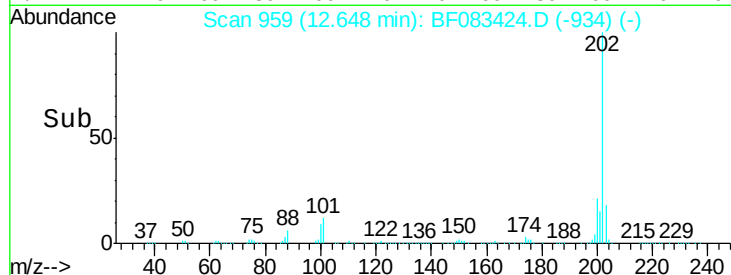
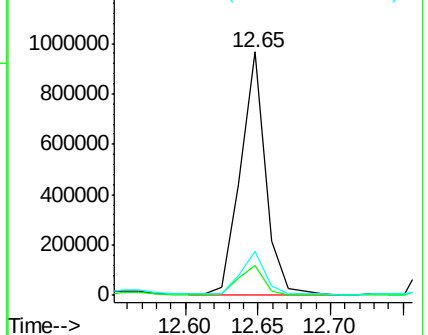
203 18.1 0.0 38.7



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: 14.73 min Scan# 1141

Delta R.T. -0.03 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

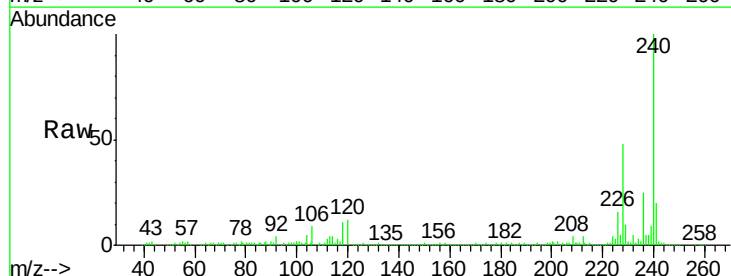
Tgt Ion:240 Resp: 397511

Ion Ratio Lower Upper

240 100

120 12.4 6.9 10.3#

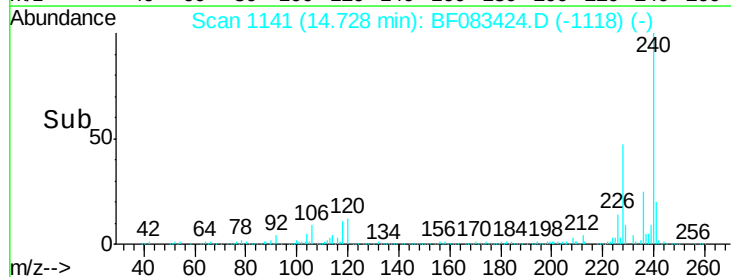
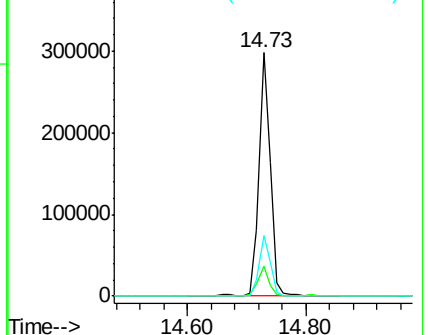
236 24.8 19.8 29.6

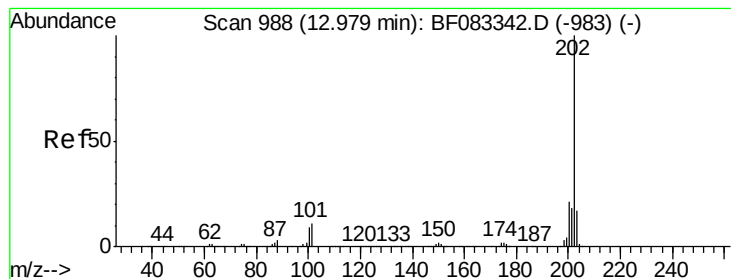


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 58.60 ng

RT: 12.96 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

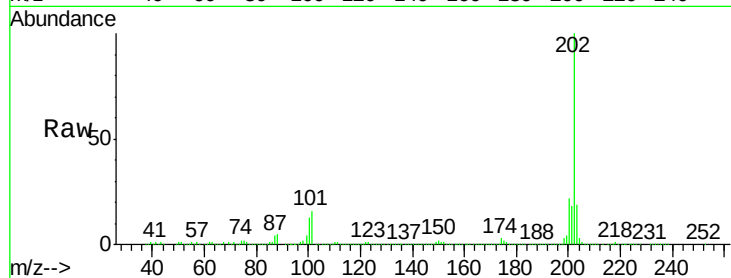
Tgt Ion:202 Resp: 1626698

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

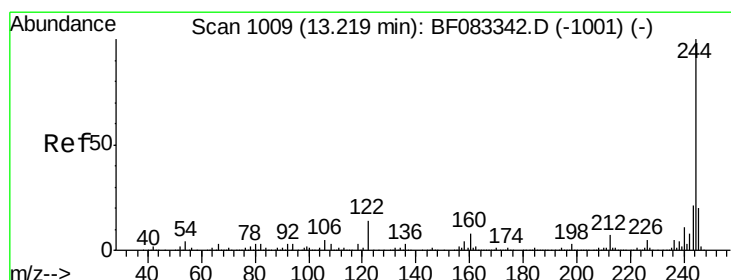
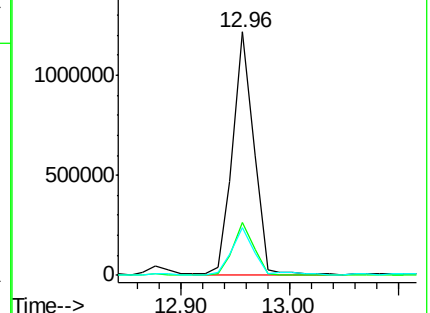
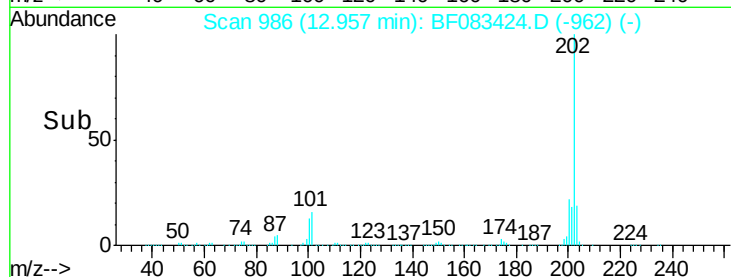
203 19.5 13.9 20.9



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: 99.75 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

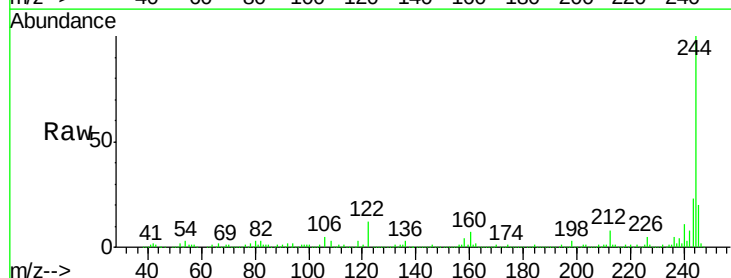
Tgt Ion:244 Resp: 1662704

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

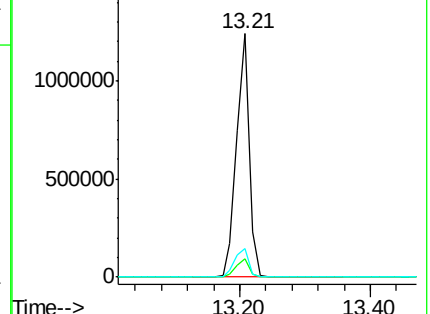
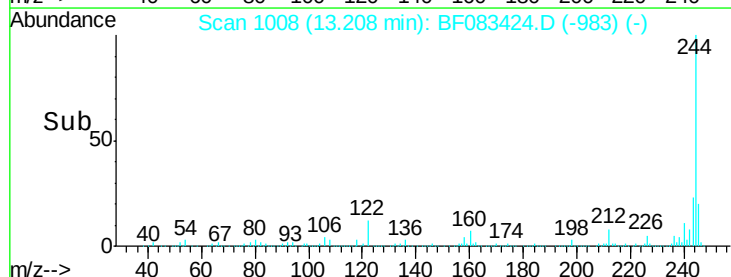
122 11.7 11.0 16.4

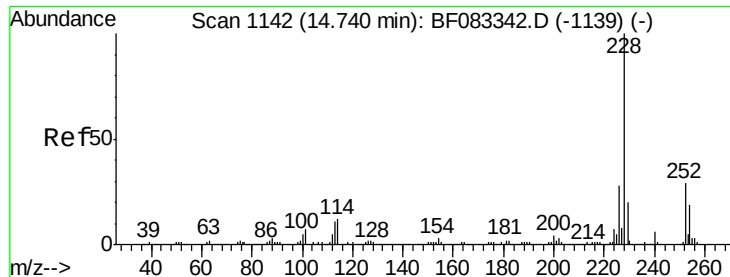


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 15.44 ng

RT: 14.76 min Scan# 1144

Delta R.T. 0.02 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

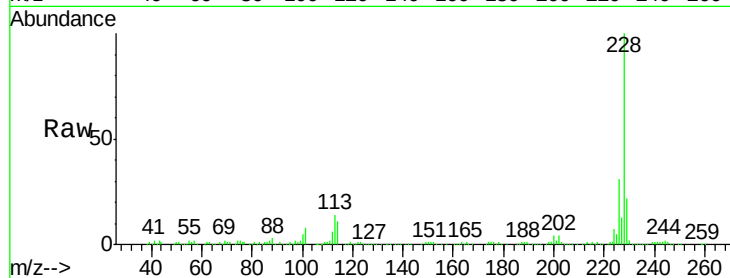
Tgt Ion:228 Resp: 376103

Ion Ratio Lower Upper

228 100

226 30.5 22.2 33.4

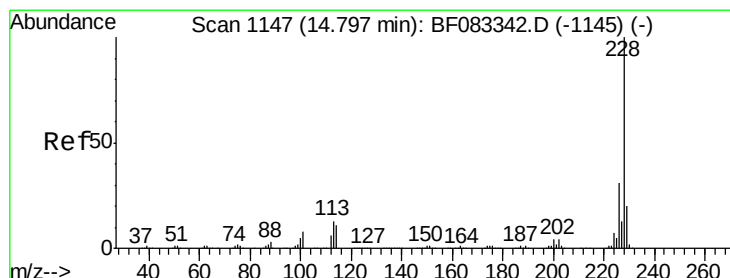
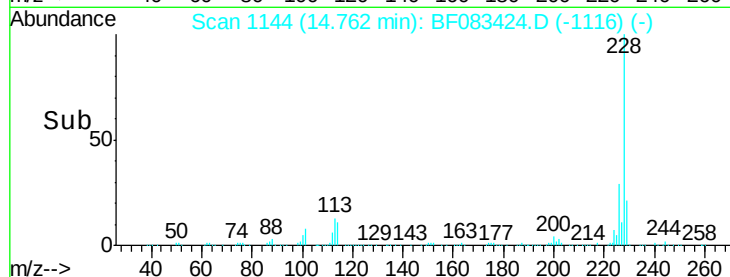
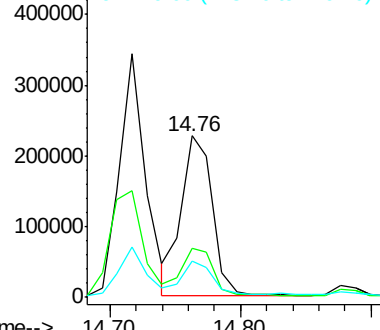
229 22.1 16.1 24.1



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: 15.98 ng

RT: 14.76 min Scan# 1144

Delta R.T. -0.03 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

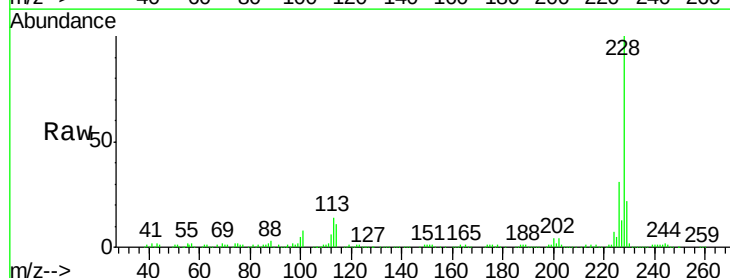
Tgt Ion:228 Resp: 376103

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

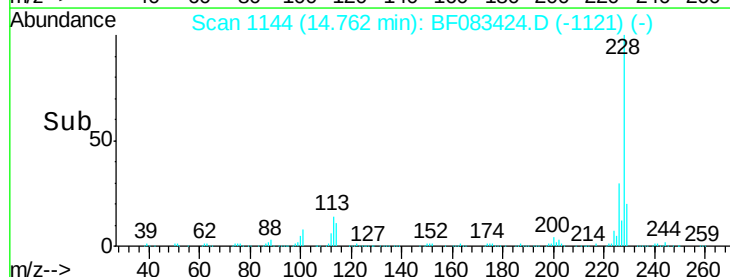
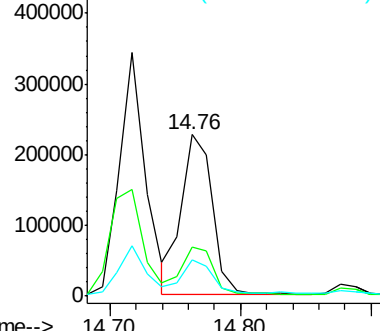
229 22.1 16.2 24.2

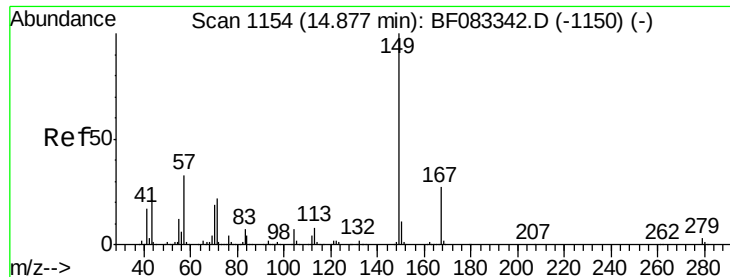


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.43 ng

RT: 14.84 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

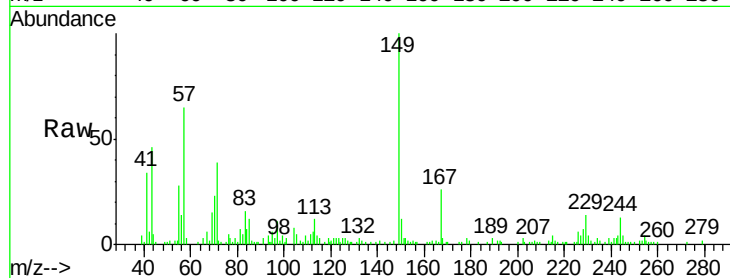
Tgt Ion:149 Resp: 54203

Ion Ratio Lower Upper

149 100

167 25.7 21.5 32.3

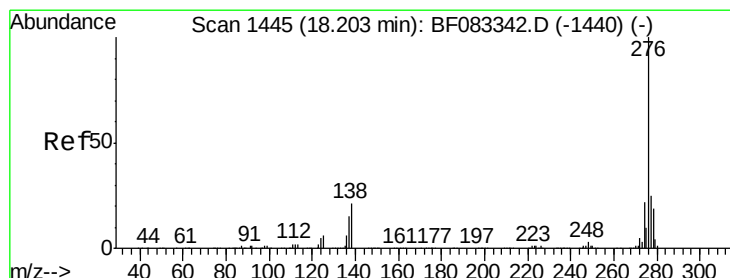
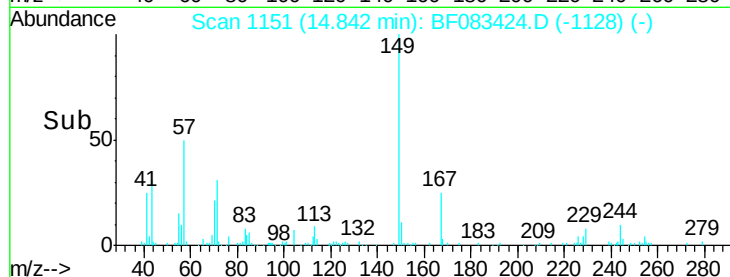
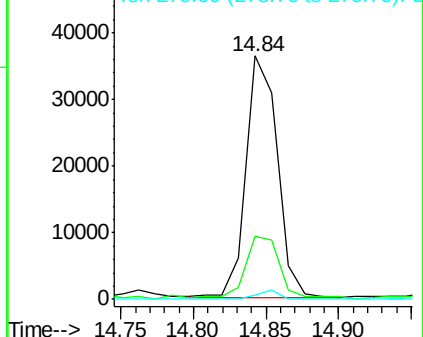
279 2.0 2.6 3.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.92 ng

RT: 18.17 min Scan# 1442

Delta R.T. -0.03 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

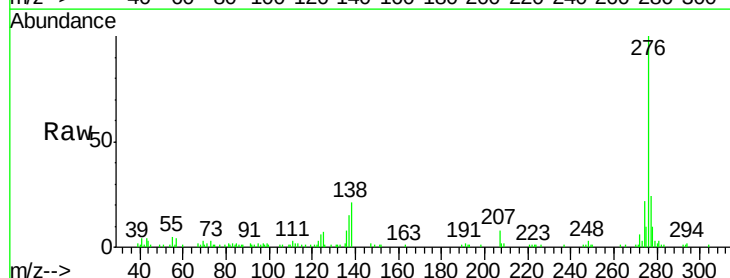
Tgt Ion:276 Resp: 101427

Ion Ratio Lower Upper

276 100

138 23.1 21.2 31.8

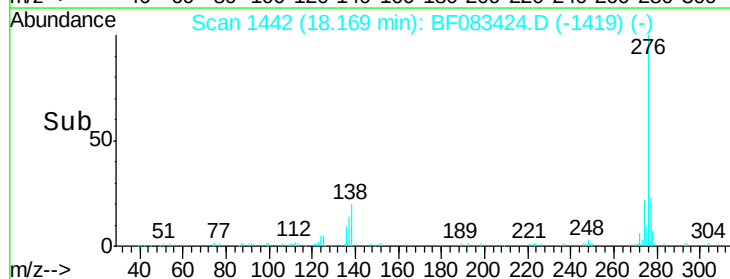
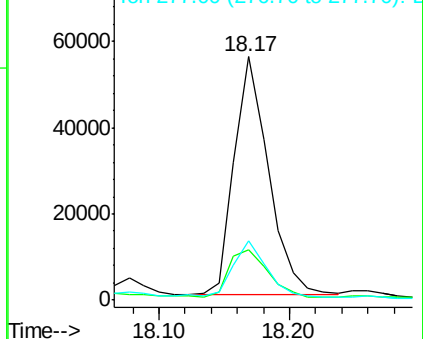
277 23.7 20.0 30.0

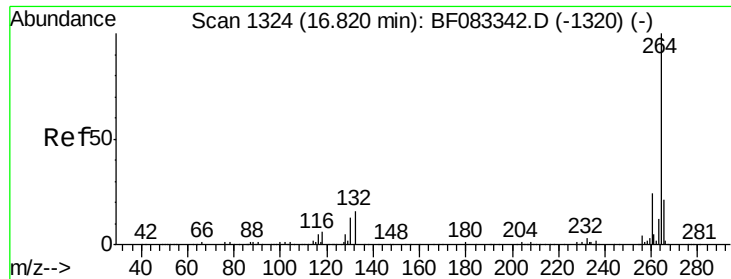


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



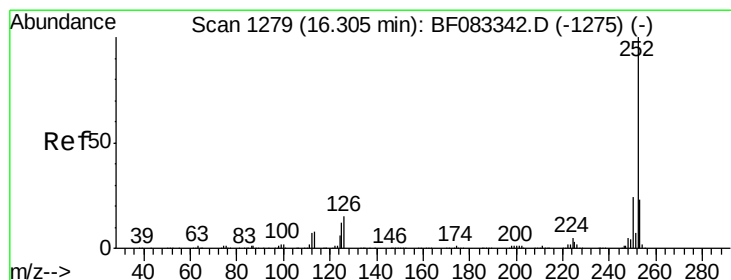
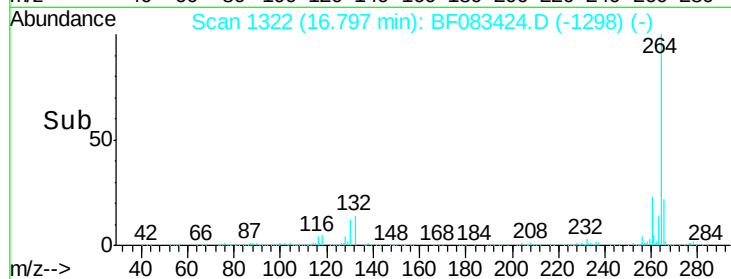
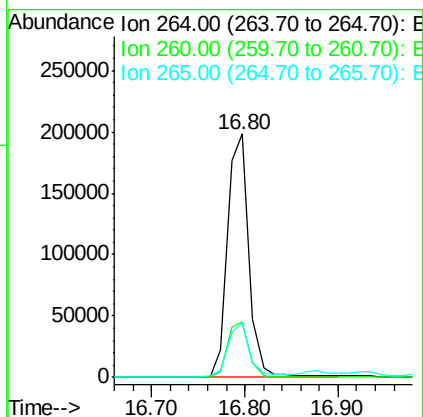
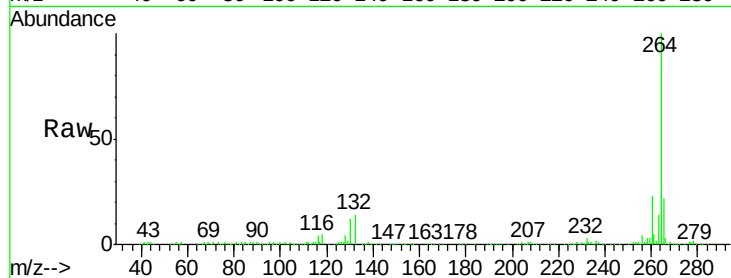


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083424.D
Acq: 2 Dec 2015 18:15

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-05(8-14)

Tgt Ion: 264 Resp: 317666

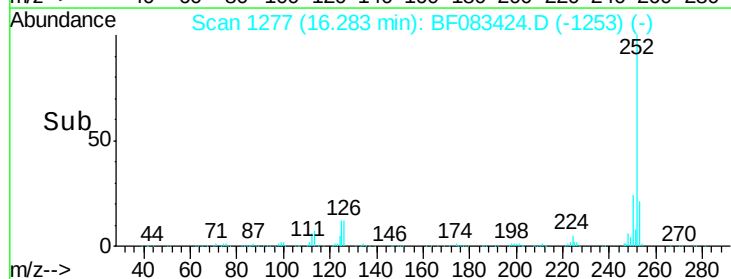
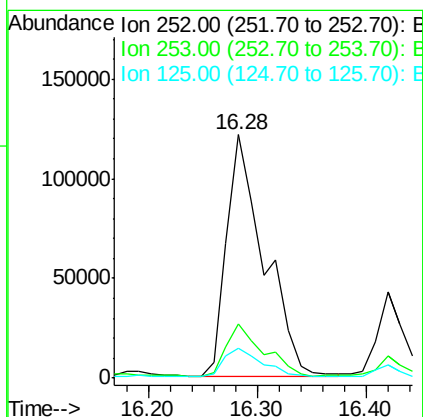
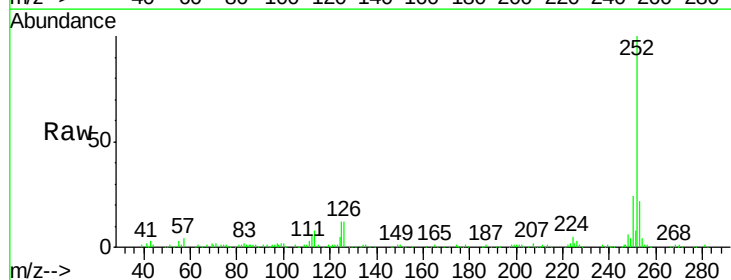
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	22.1	16.8	25.2

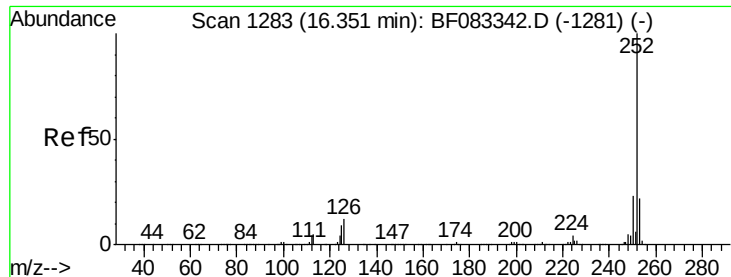


#87
Benzo(b)fluoranthene
Concen: 14.23 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF083424.D
Acq: 2 Dec 2015 18:15

Tgt Ion: 252 Resp: 289989

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	12.4	9.6	14.4





#88

Benzo(k)fluoranthene

Concen: 15.07 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.07 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

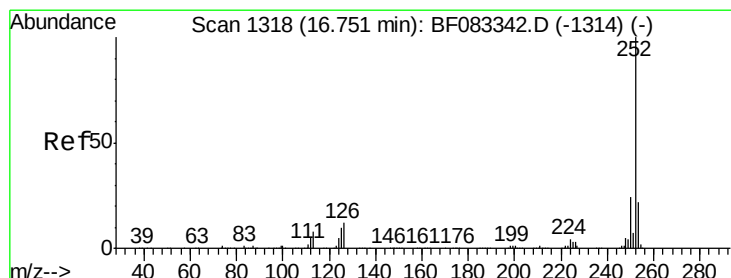
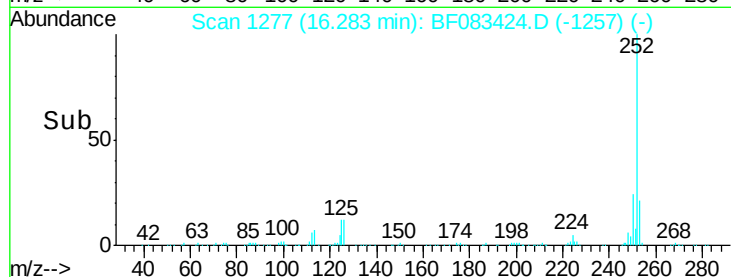
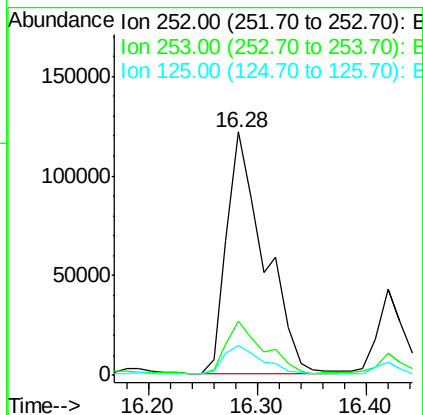
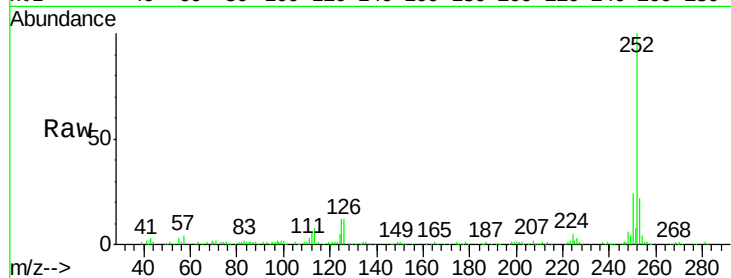
Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)

Tgt Ion:	252	Resp:	289989
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.4	26.0
125	12.4	7.5	11.3#



#89

Benzo(a)pyrene

Concen: 15.66 ng

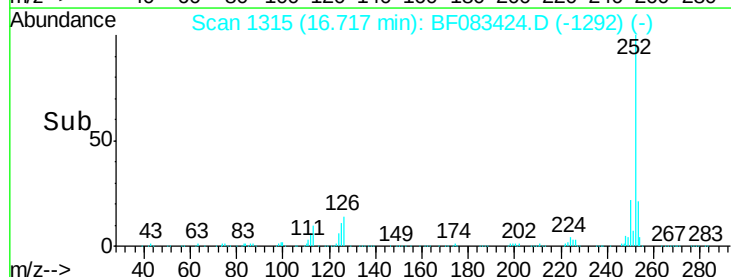
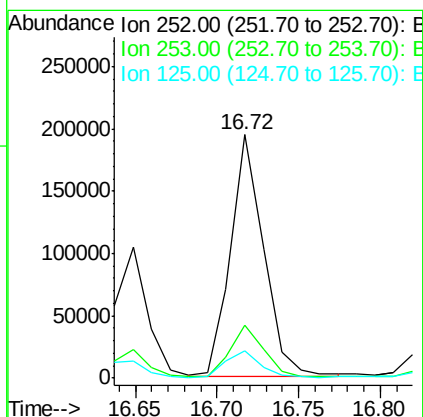
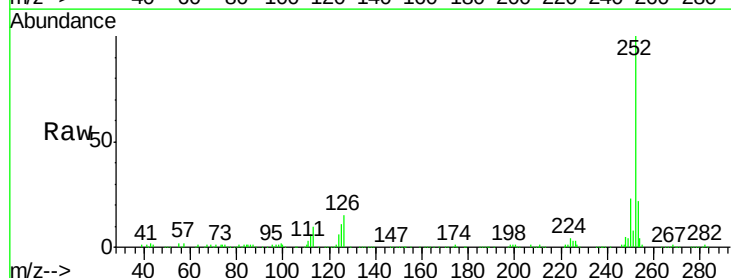
RT: 16.72 min Scan# 1315

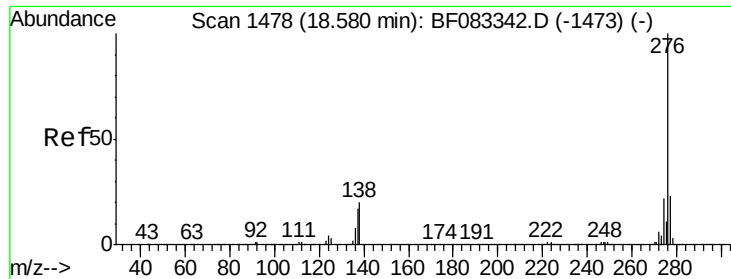
Delta R.T. -0.03 min

Lab File: BF083424.D

Acq: 2 Dec 2015 18:15

Tgt Ion:	252	Resp:	274140
Ion Ratio		Lower	Upper
252	100		
253	21.6	17.5	26.3
125	11.3	7.8	11.8





#91

Benzo(g,h,i)perylene

Concen: 8.22 ng

RT: 18.53 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BF083424.D

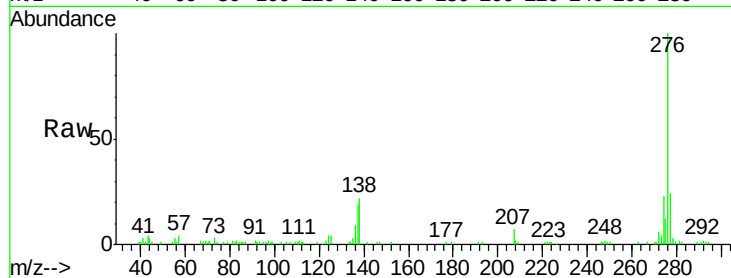
Acq: 2 Dec 2015 18:15

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-05(8-14)



Tgt Ion:	276	Resp:	123047
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	28.0
138	22.3	16.1	24.1

