

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
 Data File : BF083675.D
 Acq On : 10 Dec 2015 9:44
 Operator : UM/IZ
 Sample : G4582-06DL 2X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Dec 10 12:29:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

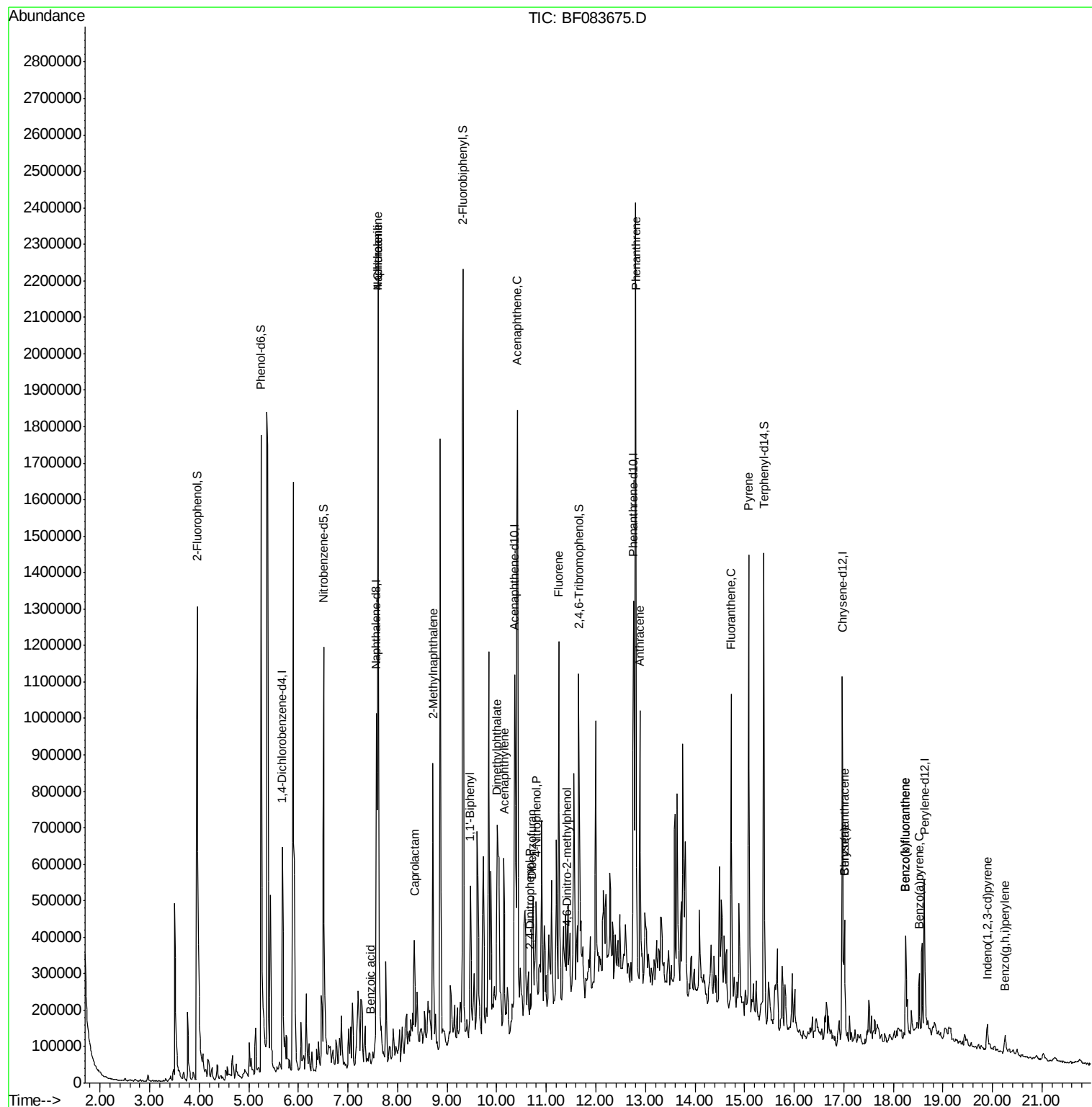
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	146241	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	546915	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	252629	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	383084	20.00	ng	-0.02
75) Chrysene-d12	16.97	240	322154	20.00	ng	-0.02
86) Perylene-d12	18.63	264	267737	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.96	112	780455	80.94	ng	-0.01
7) Phenol-d6	5.24	99	1085484	84.26	ng	-0.03
23) Nitrobenzene-d5	6.51	82	643929	54.94	ng	-0.02
41) 2,4,6-Tribromophenol	11.65	330	141930	63.06	ng	-0.03
44) 2-Fluorobiphenyl	9.32	172	970033	54.04	ng	-0.02
78) Terphenyl-d14	15.39	244	659948	48.20	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.61	128	1445772	49.91	ng	99
32) Benzoic acid	7.45	122	238	3.08	ng	# 1
33) 4-Chloroaniline	7.61	127	195966	18.55	ng	# 27
35) Caprolactam	8.34	113	6226	2.53	ng	# 1
37) 2-Methylnaphthalene	8.72	142	307617	16.91	ng	99
45) 1,1'-Biphenyl	9.47	154	180032	8.20	ng	99
48) Acenaphthylene	10.14	152	114226	4.18	ng	# 91
49) Dimethylphthalate	10.01	163	168898	8.40	ng	100
51) Acenaphthene	10.42	154	550329	35.16	ng	99
53) 2,4-Dinitrophenol	10.67	184	500	5.83	ng	# 1
54) Dibenzofuran	10.72	168	47602	2.19	ng	# 80
55) 4-Nitrophenol	10.80	139	4882	2.51	ng	# 58
57) Fluorene	11.25	166	320628	16.93	ng	98
64) 4,6-Dinitro-2-methylphenol	11.41	198	280	2.05	ng	# 1
70) Phenanthrene	12.81	178	1449549	65.86	ng	99
71) Anthracene	12.89	178	441933	19.38	ng	98
74) Fluoranthene	14.73	202	539715	23.97	ng	99
77) Pyrene	15.08	202	726968	31.34	ng	97
80) Benzo(a)anthracene	17.01	228	197044	10.45	ng	95
82) Chrysene	17.01	228	198602	10.51	ng	98
85) Indeno(1,2,3-cd)pyrene	19.89	276	46420	3.64	ng	# 100
87) Benzo(b)fluoranthene	18.25	252	186277	12.22	ng	# 97
88) Benzo(k)fluoranthene	18.25	252	186277	11.09	ng	98
89) Benzo(a)pyrene	18.52	252	81358	5.47	ng	97
91) Benzo(g,h,i)perylene	20.25	276	45604	4.11	ng	93

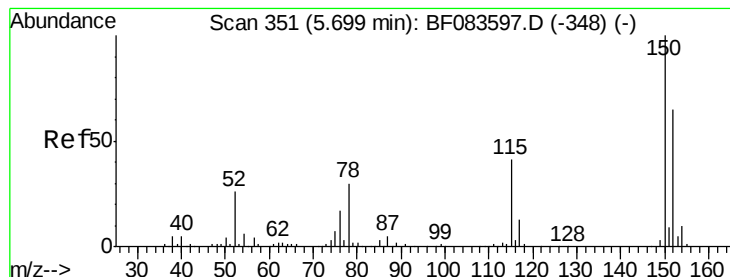
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.68 min Scan# 349

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

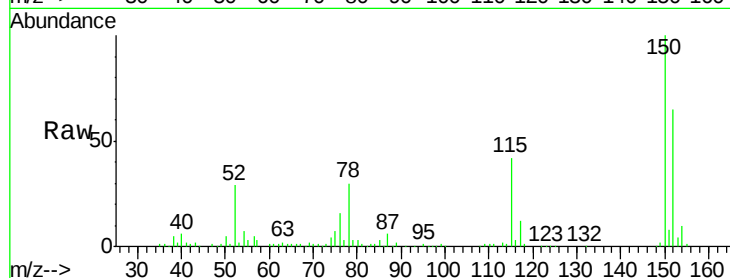
Tgt Ion:152 Resp: 146241

Ion Ratio Lower Upper

152 100

150 154.2 126.5 189.7

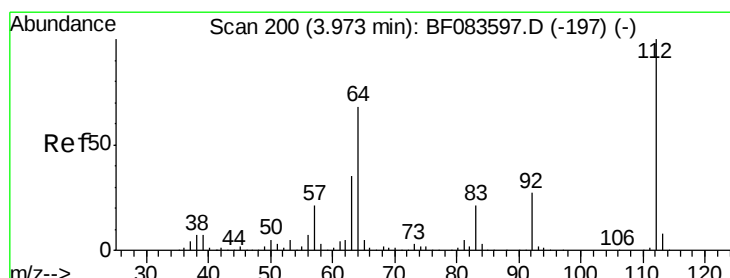
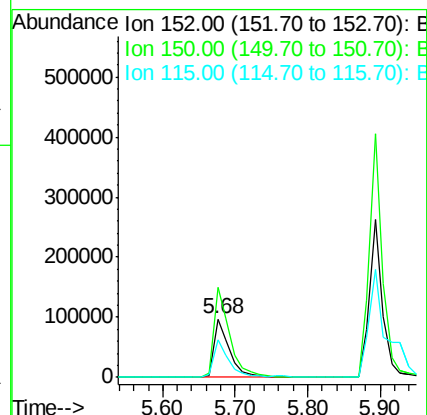
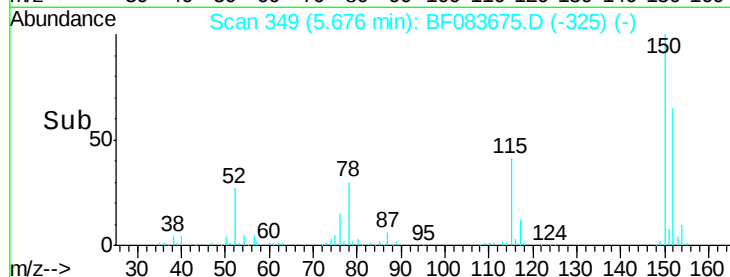
115 64.0 52.3 78.5



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: 80.94 ng

RT: 3.96 min Scan# 199

Delta R.T. -0.01 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

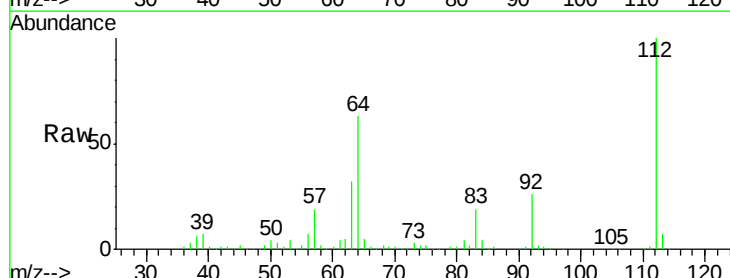
Tgt Ion:112 Resp: 780455

Ion Ratio Lower Upper

112 100

64 63.4 50.5 75.7

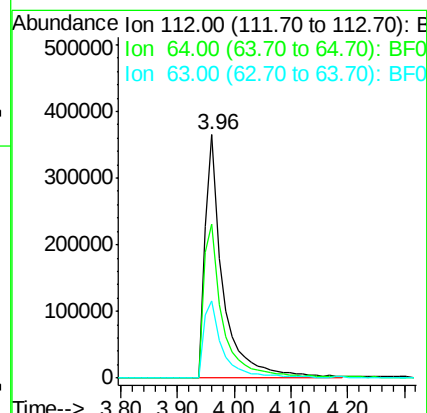
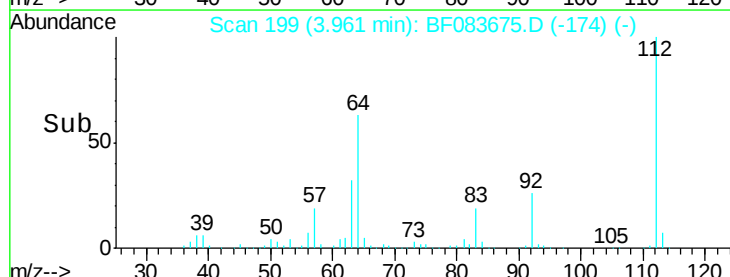
63 31.9 25.8 38.6

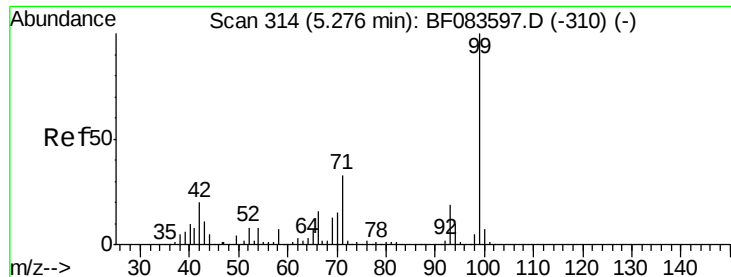


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.26 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

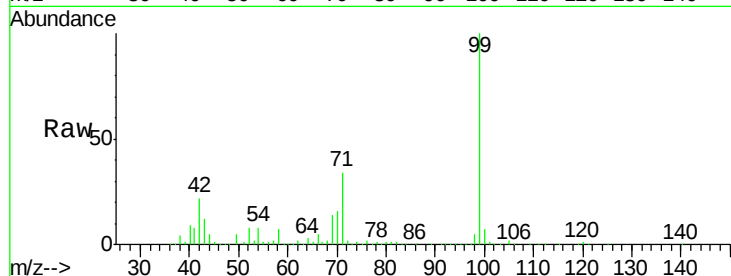
Tgt Ion: 99 Resp: 1085484

Ion Ratio Lower Upper

99 100

42 22.2 17.3 25.9

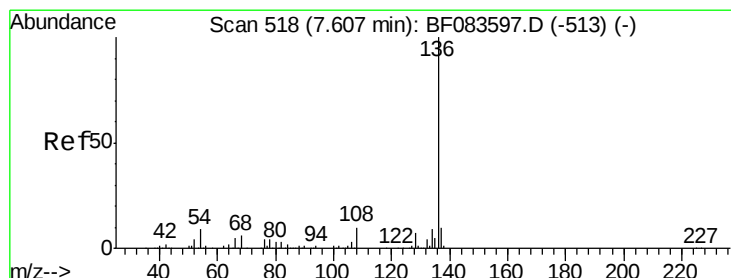
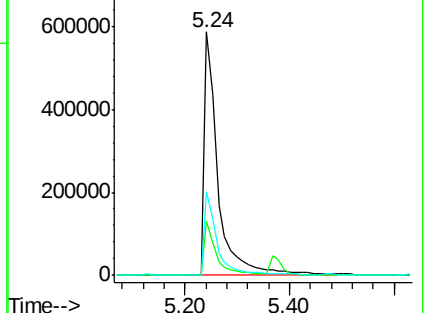
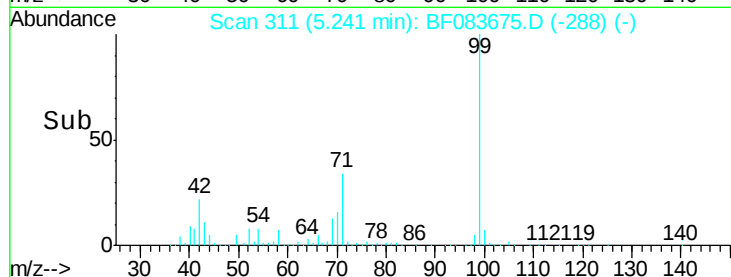
71 34.5 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Tgt Ion: 136 Resp: 546915

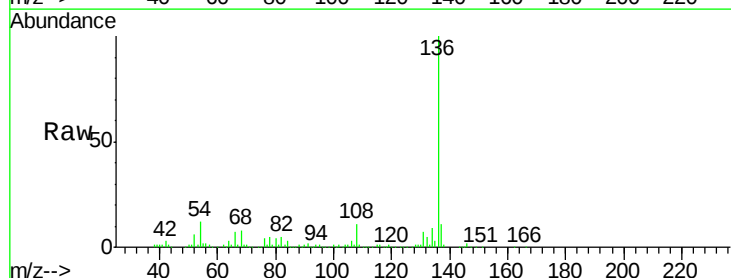
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 11.6 7.8 11.6

68 7.9 5.7 8.5

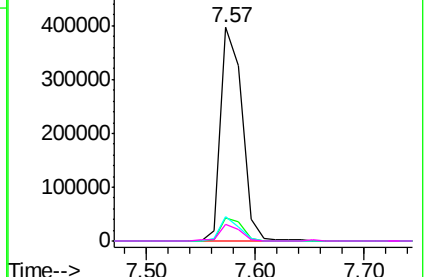
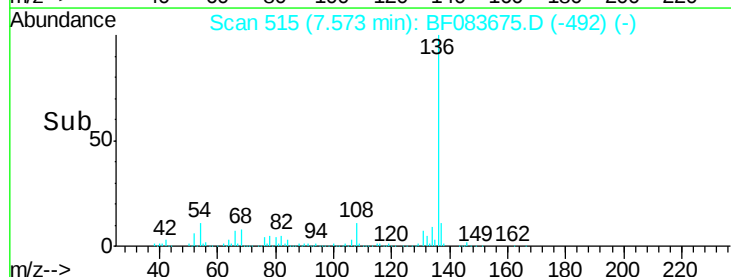


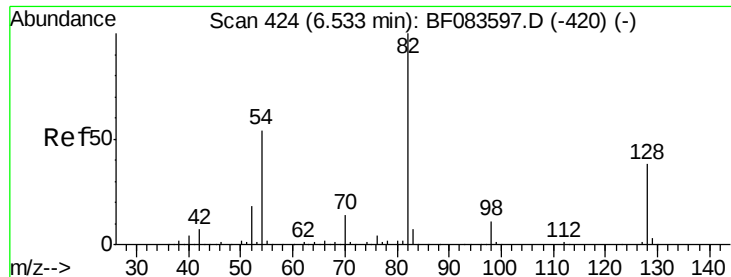
Abundance Ion 136.00 (135.70 to 136.70): E

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

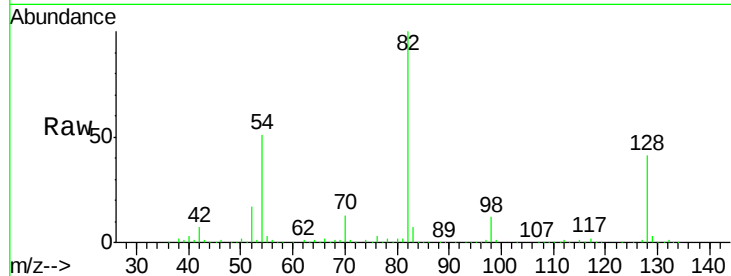




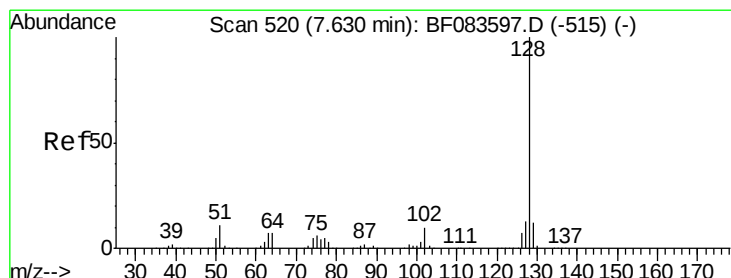
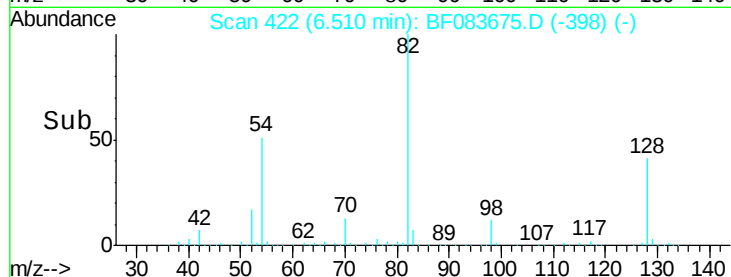
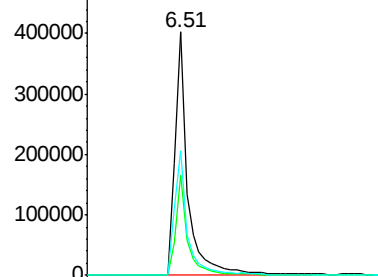
#23
Nitrobenzene-d5
Concen: 54.94 ng
RT: 6.51 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

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

Tgt Ion: 82 Resp: 643929
Ion Ratio Lower Upper
82 100
128 41.2 30.7 46.1
54 51.1 42.5 63.7

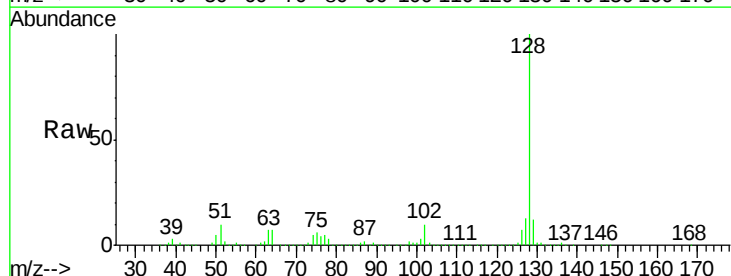


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

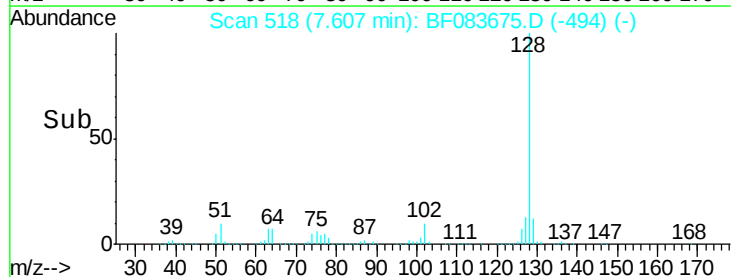
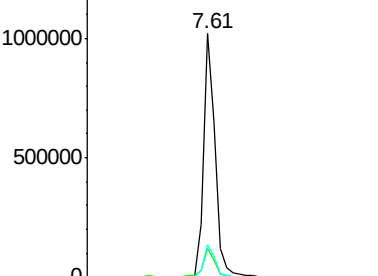


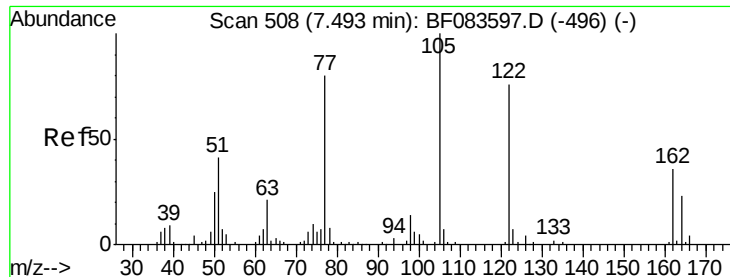
#31
Naphthalene
Concen: 49.91 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion: 128 Resp: 1445772
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.3 10.6 16.0



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: 3.08 ng

RT: 7.45 min Scan# 504

Delta R.T. -0.04 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

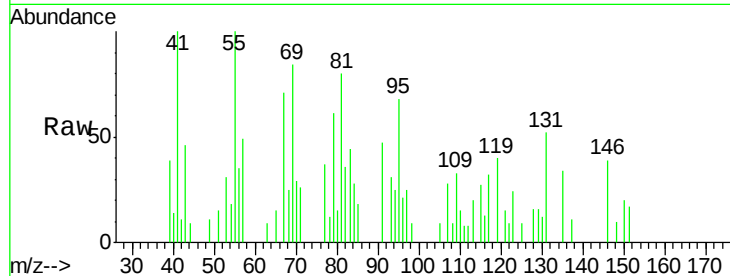
Tgt Ion:122 Resp: 238

Ion Ratio Lower Upper

122 100

105 98.8 105.6 145.6#

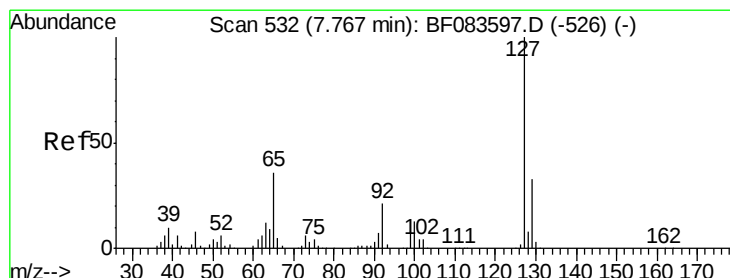
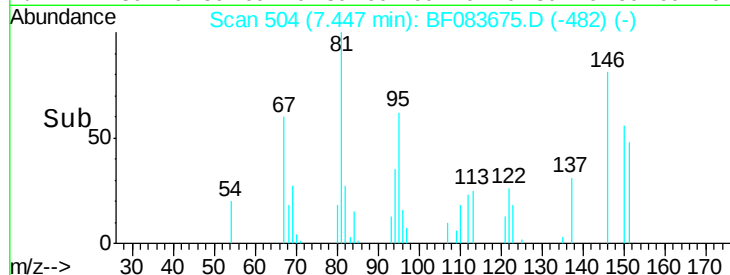
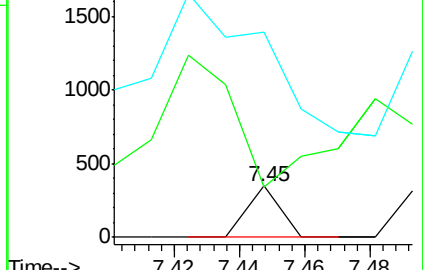
77 402.9 86.8 126.8#



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): BF0



#33

4-Chloroaniline

Concen: 18.55 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.16 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Tgt Ion:127 Resp: 195966

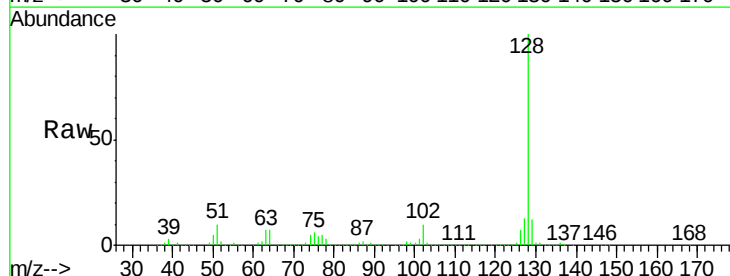
Ion Ratio Lower Upper

127 100

129 88.7 26.1 39.1#

65 0.0 33.5 50.3#

92 0.3 18.6 28.0#

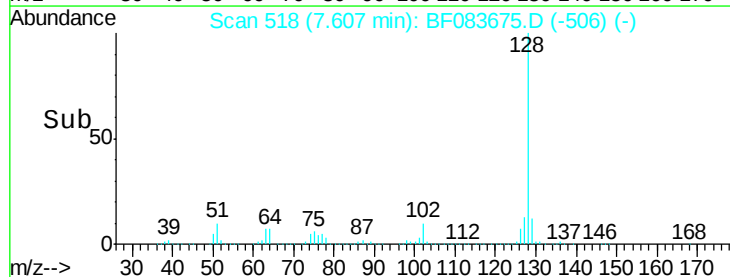
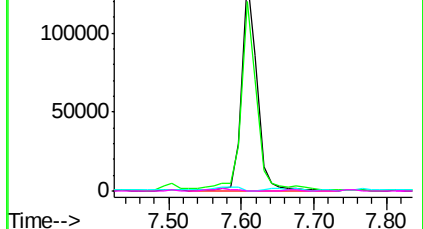


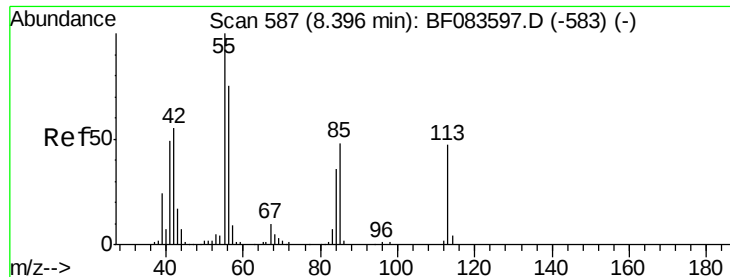
Abundance Ion 127.00 (126.70 to 127.70): E

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

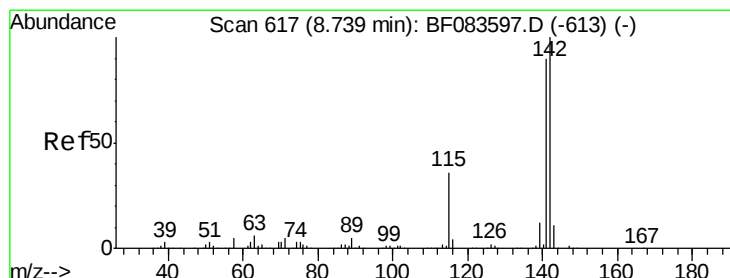
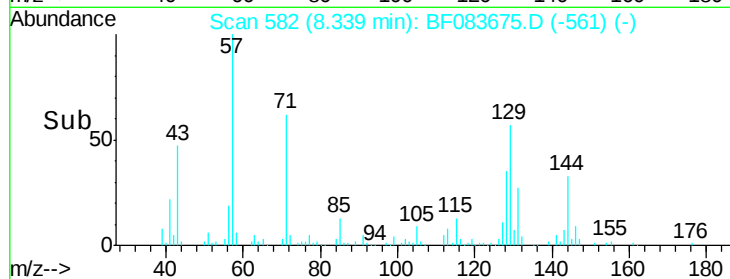
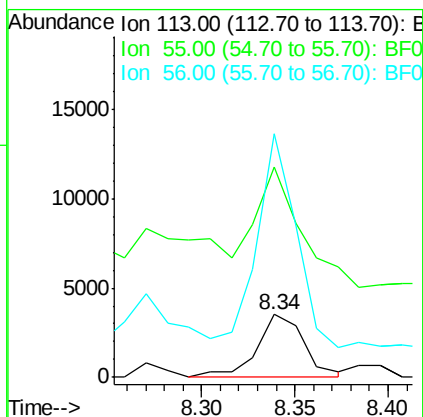
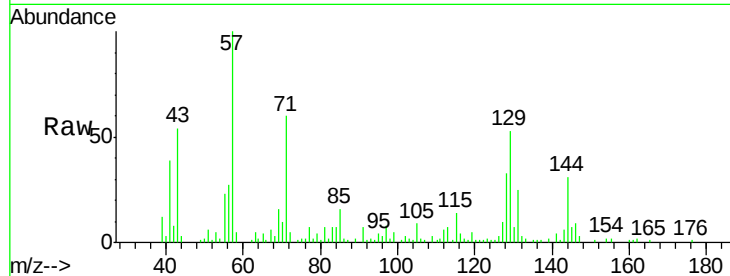




#35
 Caprolactam
 Concen: 2.53 ng
 RT: 8.34 min Scan# 582
 Delta R.T. -0.06 min
 Lab File: BF083675.D
 Acq: 10 Dec 2015 9:44

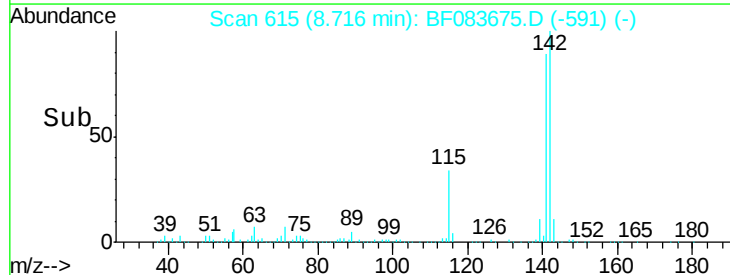
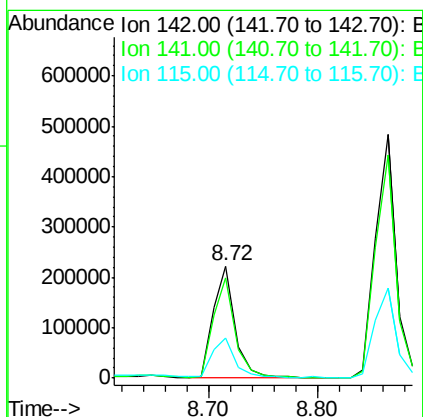
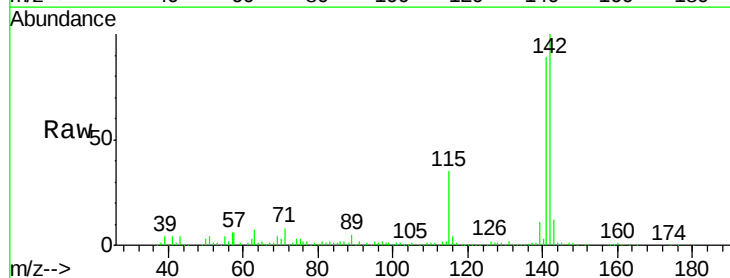
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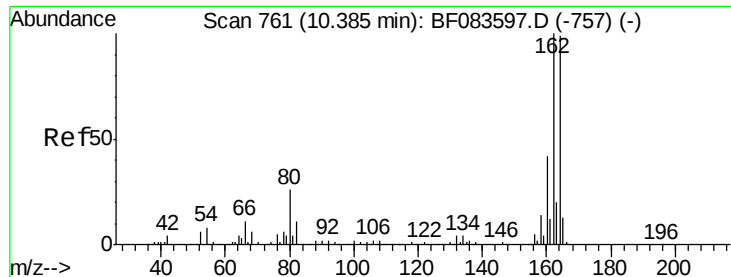
Tgt Ion:113 Resp: 6226
 Ion Ratio Lower Upper
 113 100
 55 334.1 189.7 229.7#
 56 387.0 130.7 170.7#



#37
 2-Methylnaphthalene
 Concen: 16.91 ng
 RT: 8.72 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF083675.D
 Acq: 10 Dec 2015 9:44

Tgt Ion:142 Resp: 307617
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.3 105.5
 115 35.2 29.2 43.8

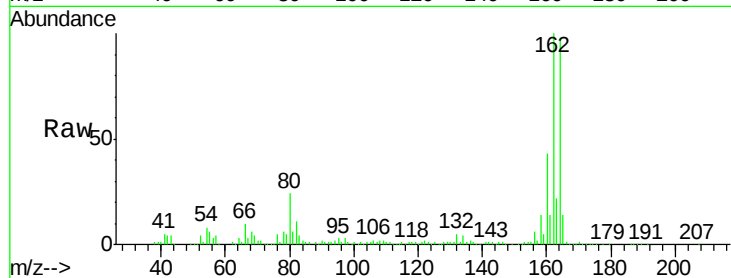




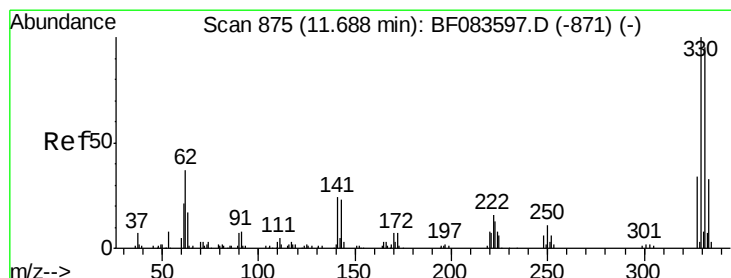
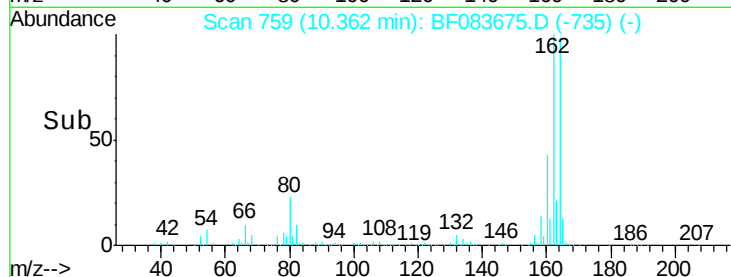
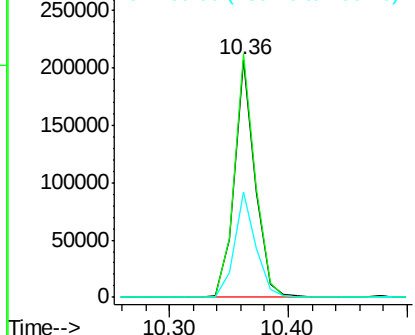
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

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

Tgt Ion:164 Resp: 252629
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 44.5 33.4 50.2

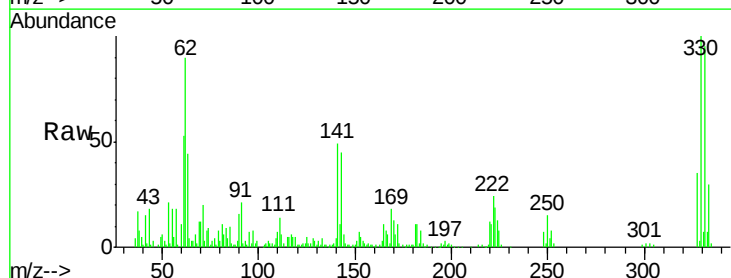


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

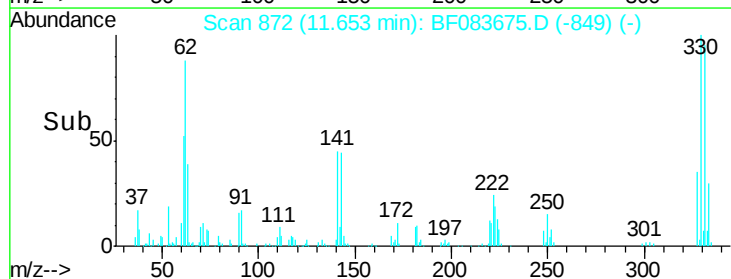
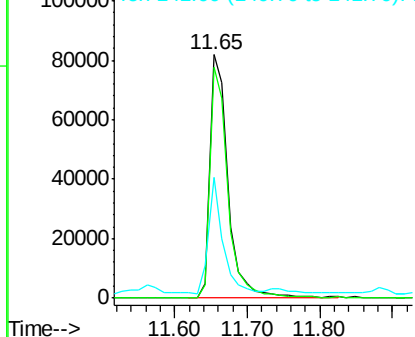


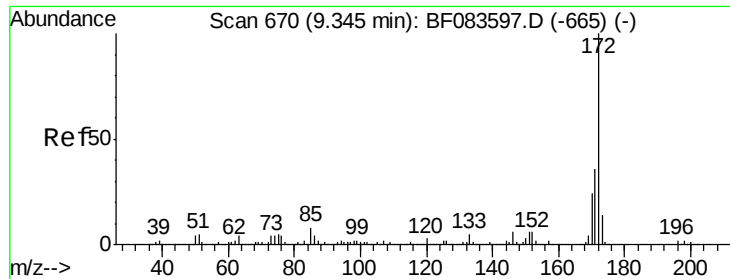
#41
2,4,6-Tribromophenol
Concen: 63.06 ng
RT: 11.65 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:330 Resp: 141930
Ion Ratio Lower Upper
330 100
332 93.4 0.0 0.0#
141 37.4 0.0 0.0#



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: 54.04 ng

RT: 9.32 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

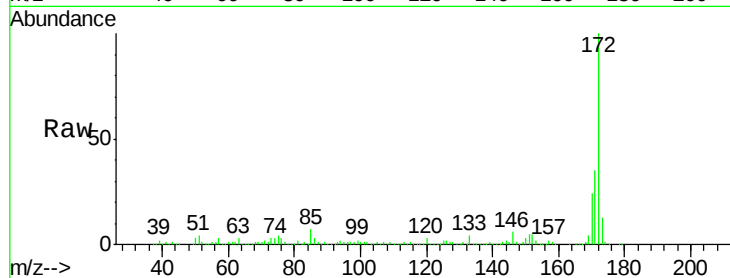
Tgt Ion:172 Resp: 970033

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

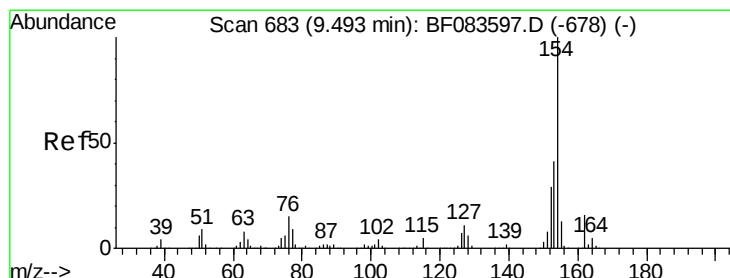
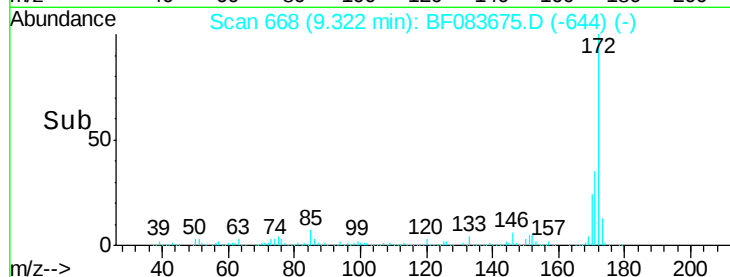
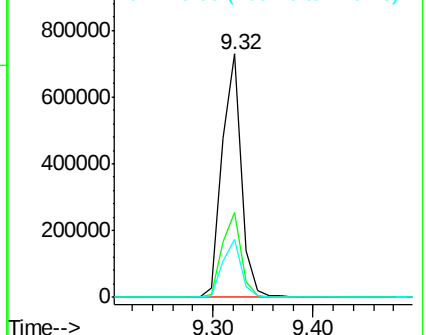
170 24.0 19.4 29.0



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: 8.20 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

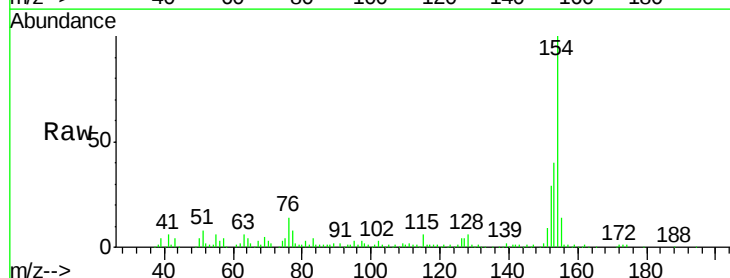
Tgt Ion:154 Resp: 180032

Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

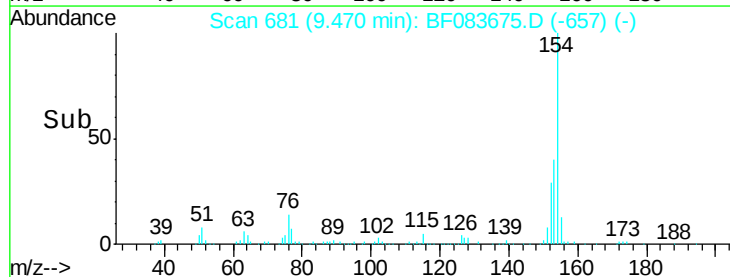
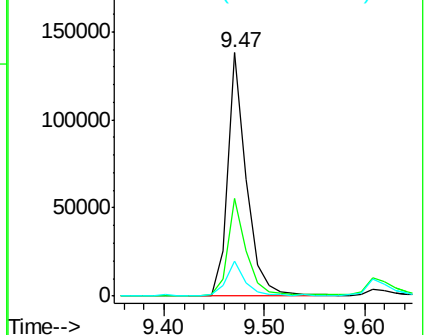
76 14.1 0.0 34.8

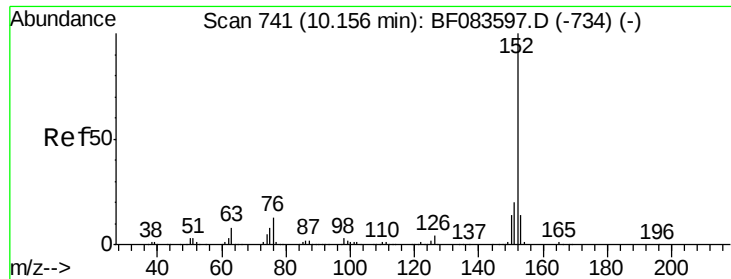


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 4.18 ng

RT: 10.14 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

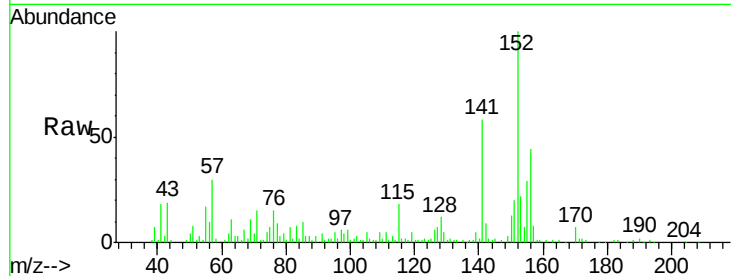
Tgt Ion:152 Resp: 114226

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

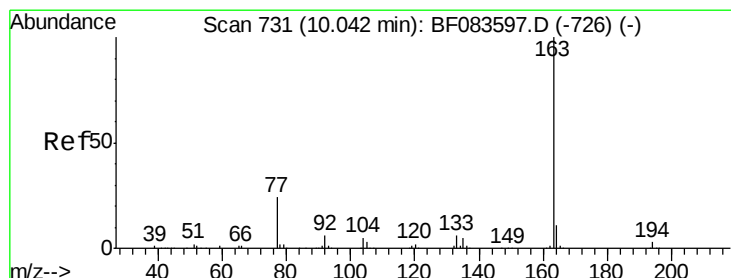
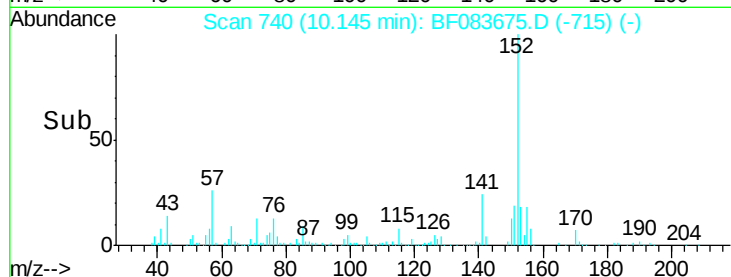
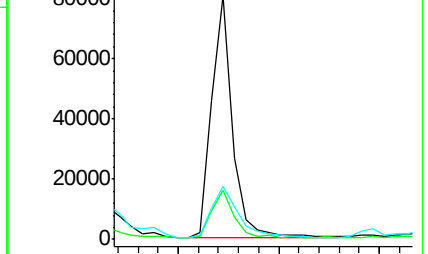
153 22.0 10.8 16.2#



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: 8.40 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

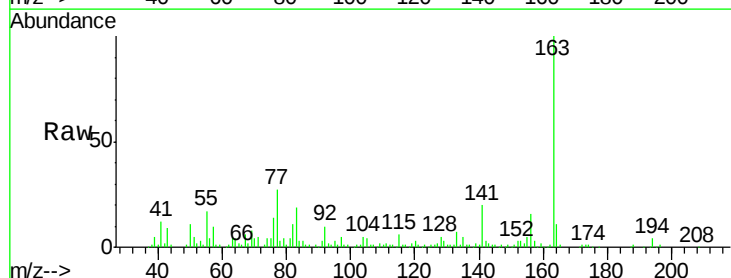
Tgt Ion:163 Resp: 168898

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

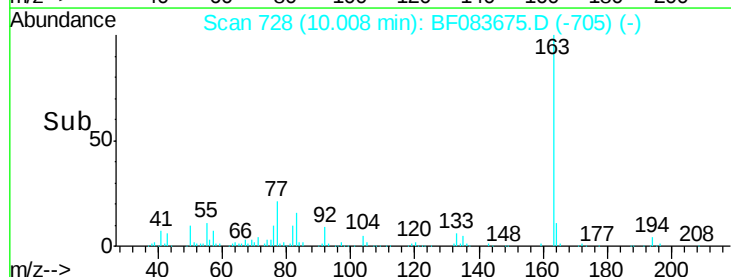
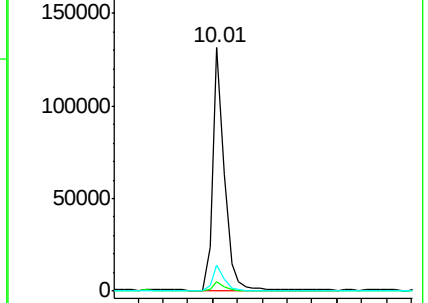
164 10.7 8.6 13.0

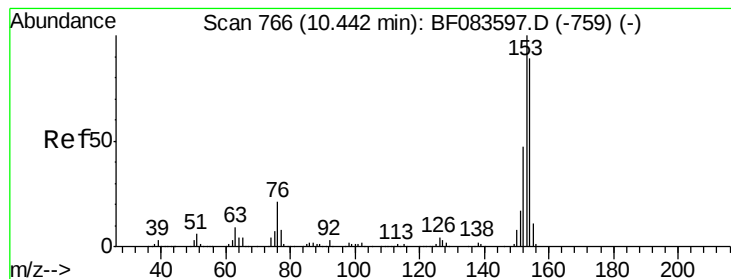


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 35.16 ng

RT: 10.42 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

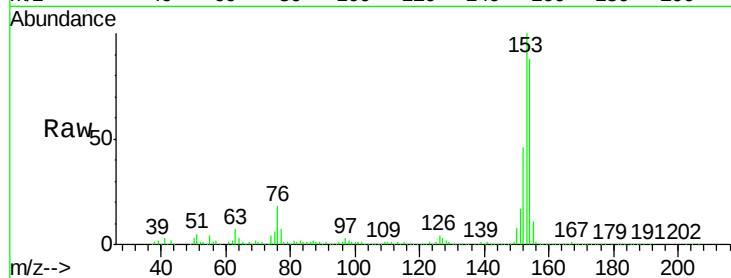
Tgt Ion:154 Resp: 550329

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.0

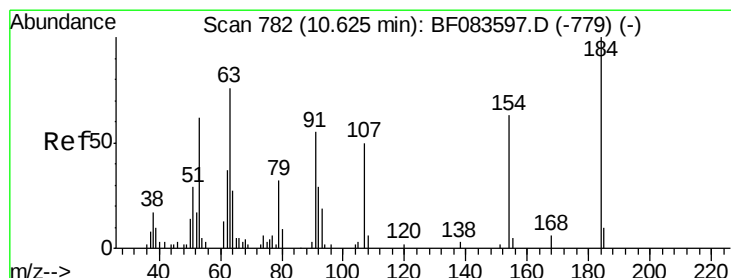
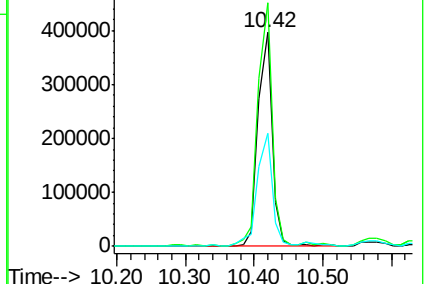
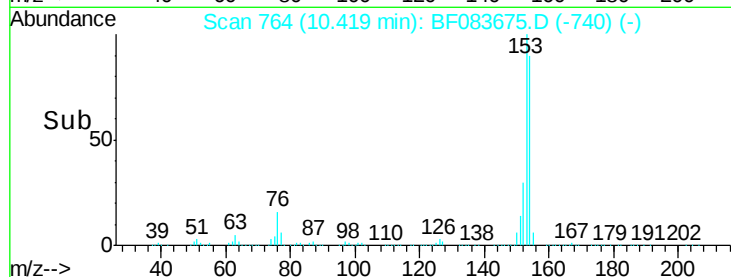
152 52.7 43.4 65.2



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: 5.83 ng

RT: 10.67 min Scan# 786

Delta R.T. 0.05 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

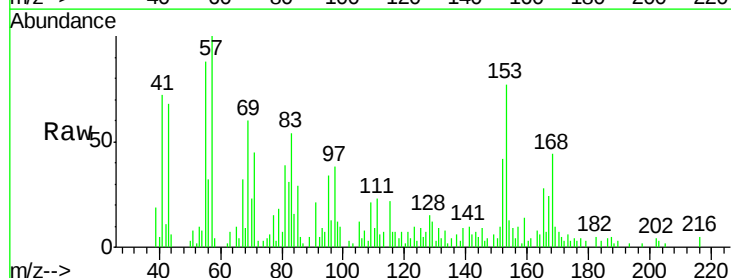
Tgt Ion:184 Resp: 500

Ion Ratio Lower Upper

184 100

63 243.1 62.4 93.6#

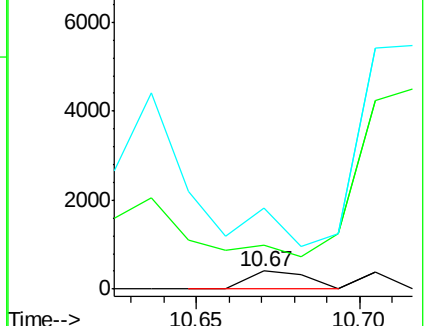
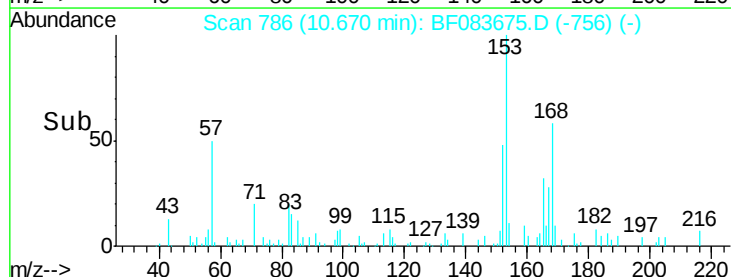
154 444.4 46.6 69.8#

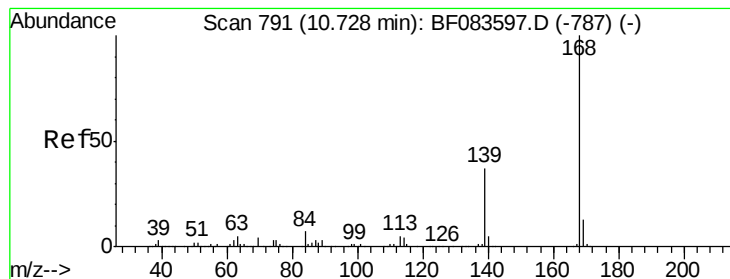


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 2.19 ng

RT: 10.72 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

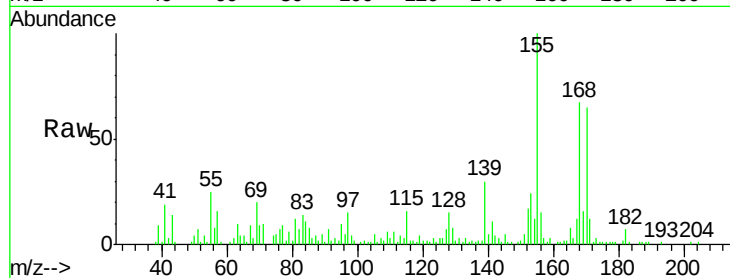
Tgt Ion:168 Resp: 47602

Ion Ratio Lower Upper

168 100

139 45.6 28.0 42.0#

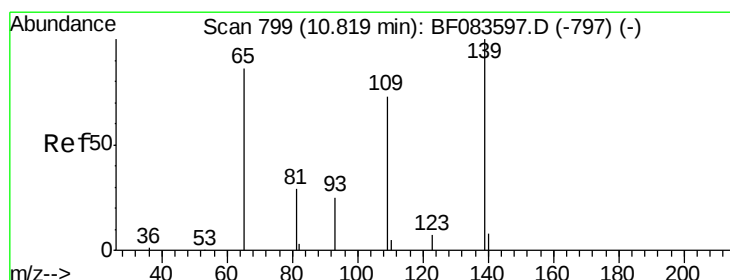
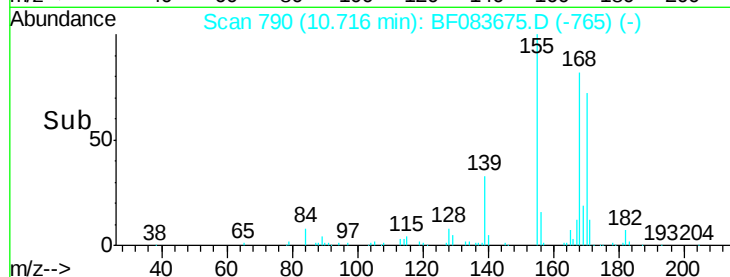
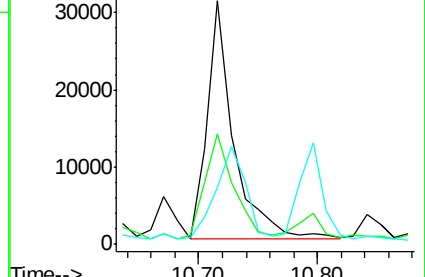
169 23.6 10.8 16.2#



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: 2.51 ng

RT: 10.80 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

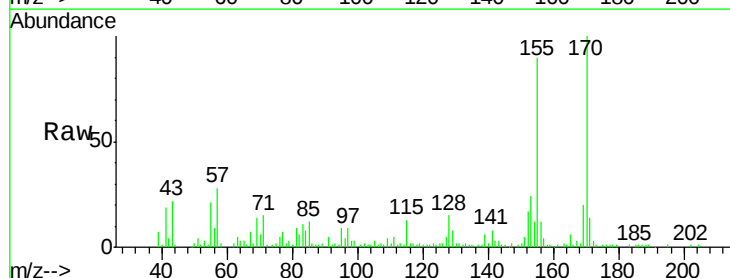
Tgt Ion:139 Resp: 4882

Ion Ratio Lower Upper

139 100

109 73.6 42.0 82.0

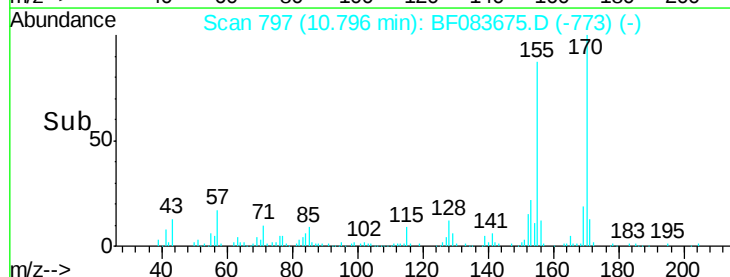
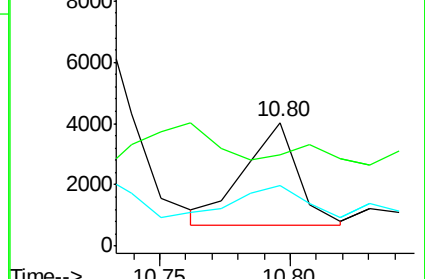
65 49.3 89.2 129.2#

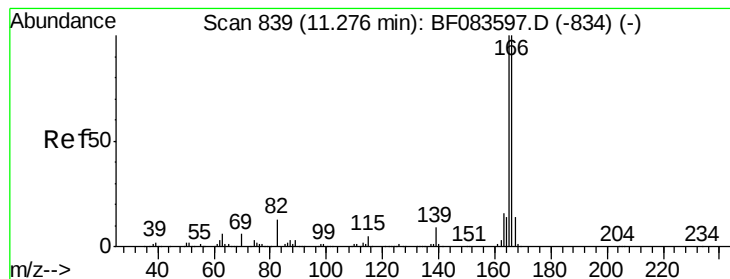


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 16.93 ng

RT: 11.25 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

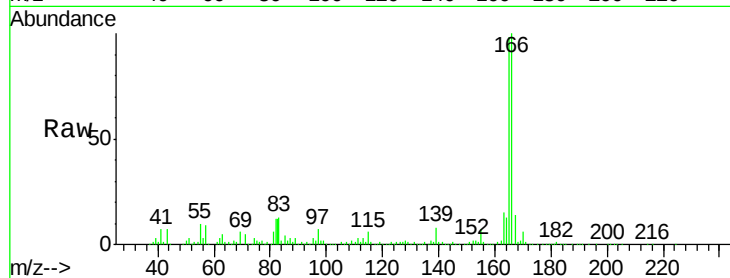
Tgt Ion:166 Resp: 320628

Ion Ratio Lower Upper

166 100

165 98.0 80.0 120.0

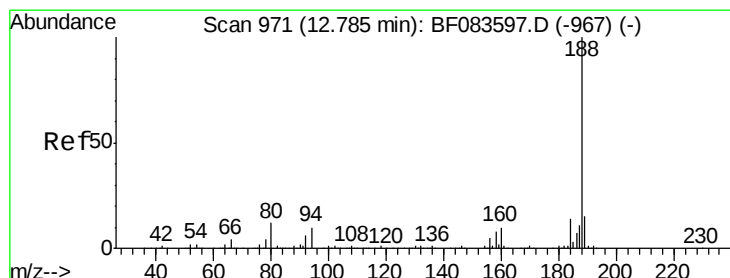
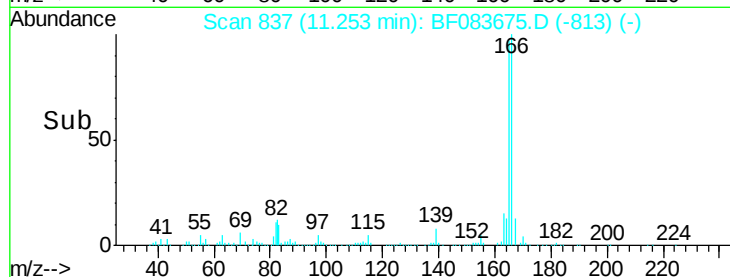
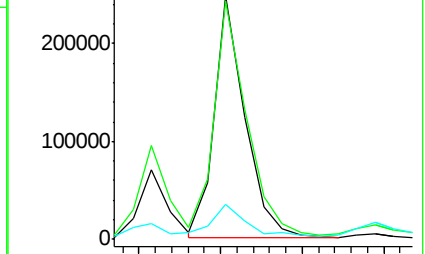
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

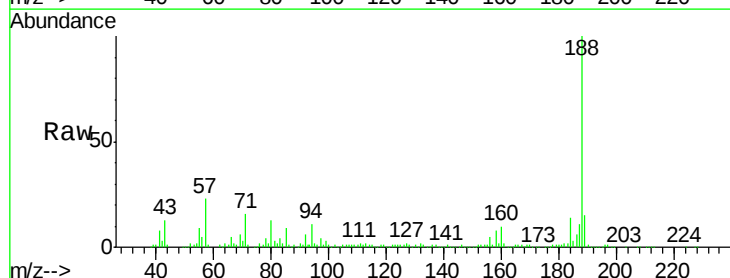
Tgt Ion:188 Resp: 383084

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

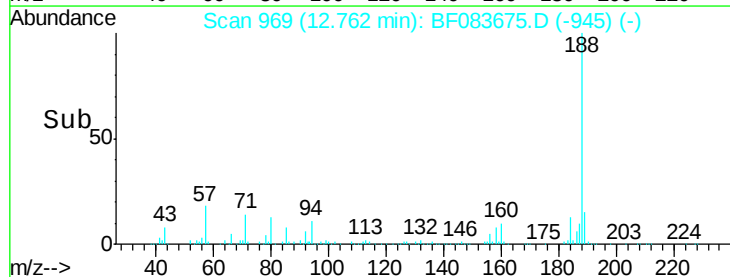
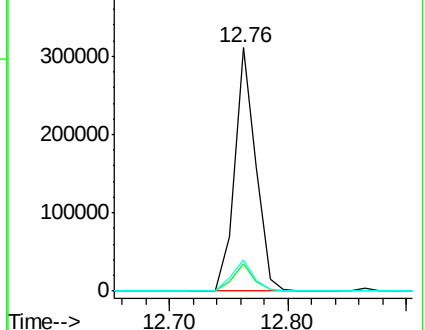
80 13.1 10.6 16.0

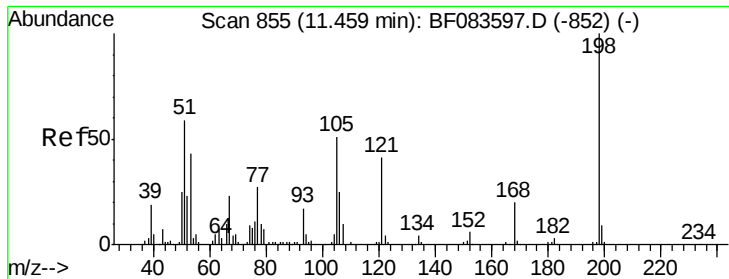


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

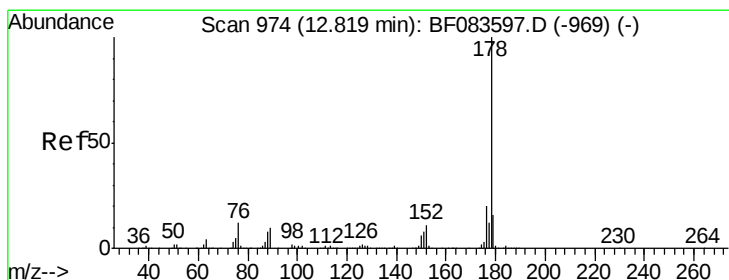
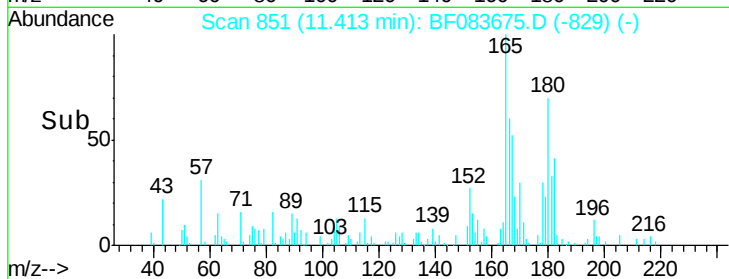
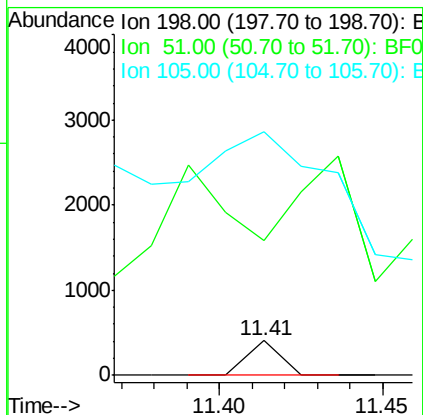
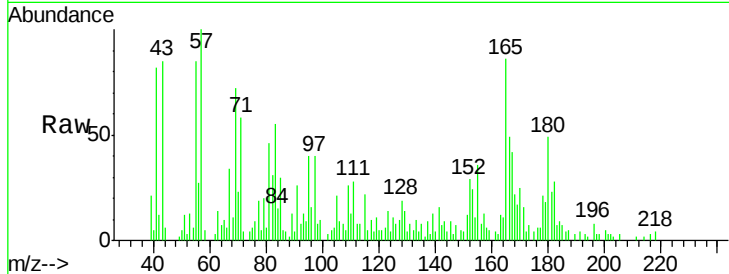




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.05 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.05 min
 Lab File: BF083675.D
 Acq: 10 Dec 2015 9:44

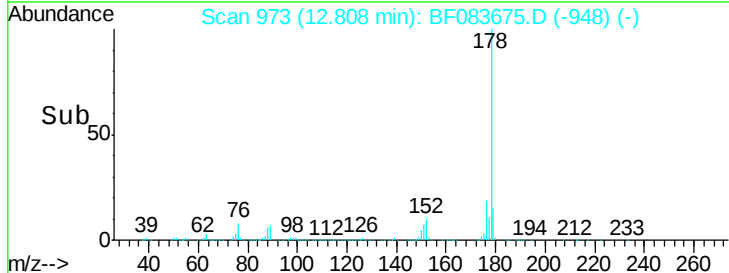
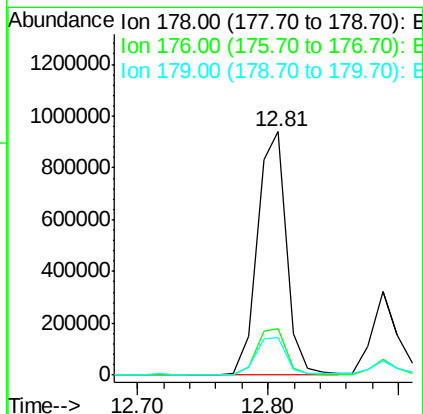
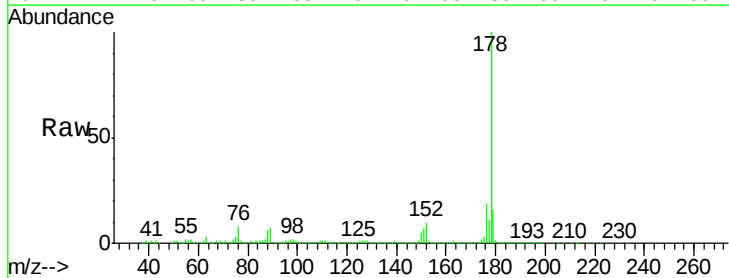
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-04(10-13)DL

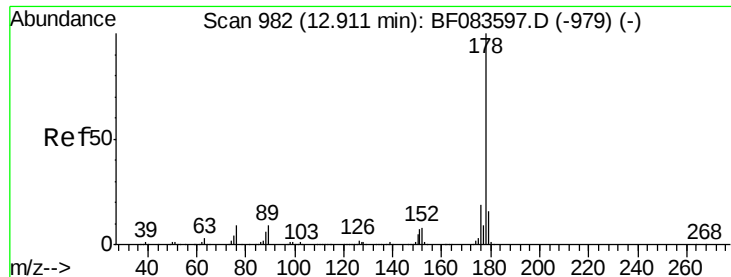
Tgt Ion:198 Resp: 280
 Ion Ratio Lower Upper
 198 100
 51 386.1 53.8 93.8#
 105 699.3 38.6 78.6#



#70
 Phenanthrene
 Concen: 65.86 ng
 RT: 12.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF083675.D
 Acq: 10 Dec 2015 9:44

Tgt Ion:178 Resp: 1449549
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 15.6 12.2 18.4

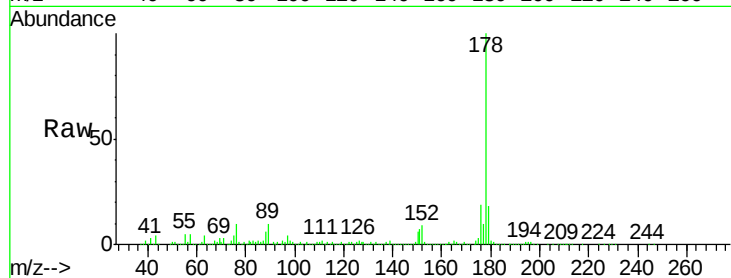




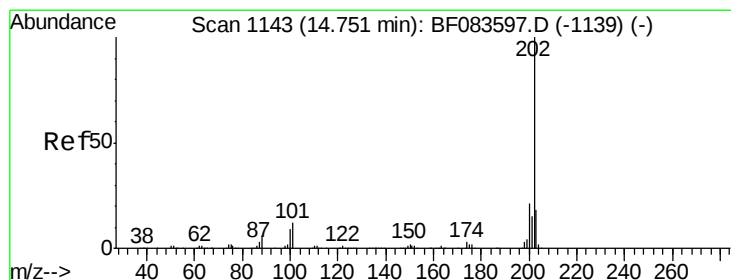
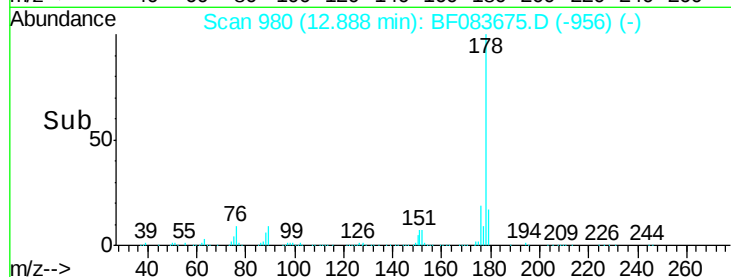
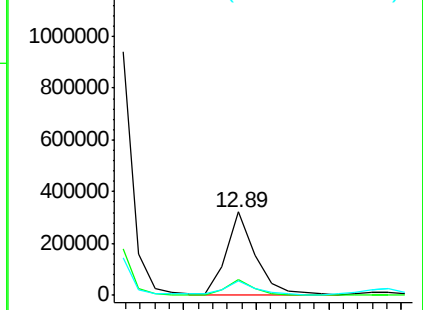
#71
 Anthracene
 Concen: 19.38 ng
 RT: 12.89 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF083675.D
 Acq: 10 Dec 2015 9:44

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

Tgt Ion:178 Resp: 441933
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 17.8 12.6 18.8

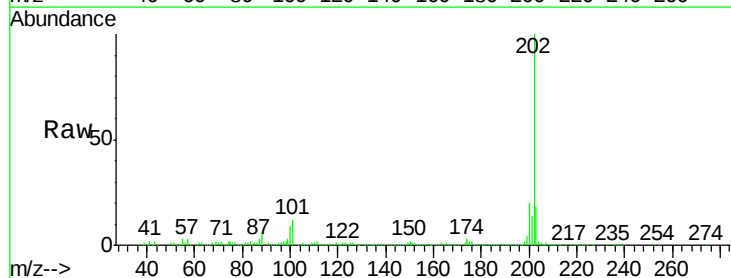


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

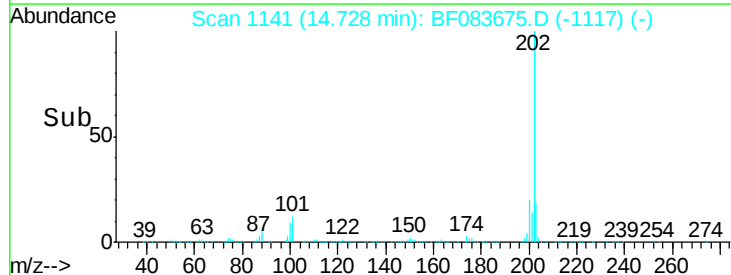
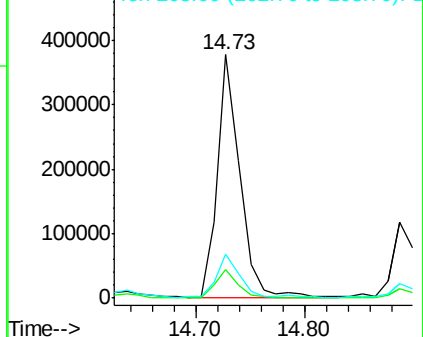


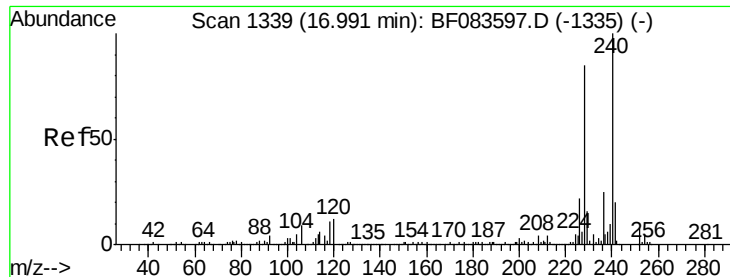
#74
 Fluoranthene
 Concen: 23.97 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF083675.D
 Acq: 10 Dec 2015 9:44

Tgt Ion:202 Resp: 539715
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.5
 203 18.2 0.0 37.6



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: 16.97 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

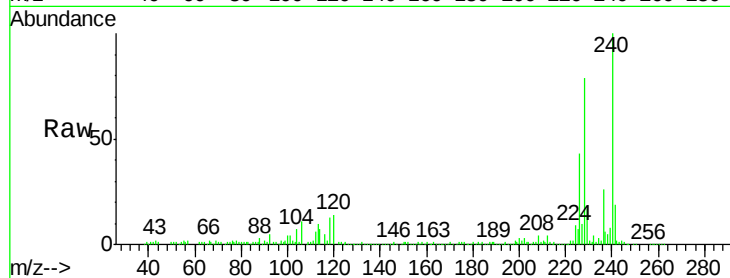
Tgt Ion:240 Resp: 322154

Ion Ratio Lower Upper

240 100

120 13.9 8.1 12.1#

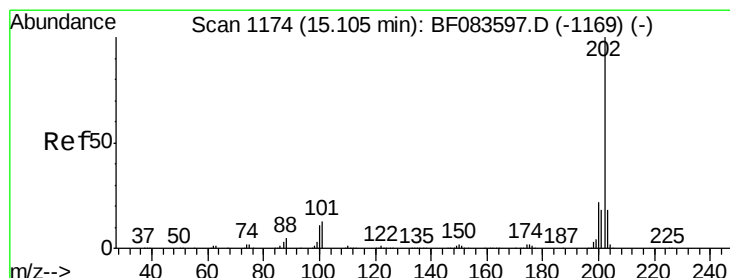
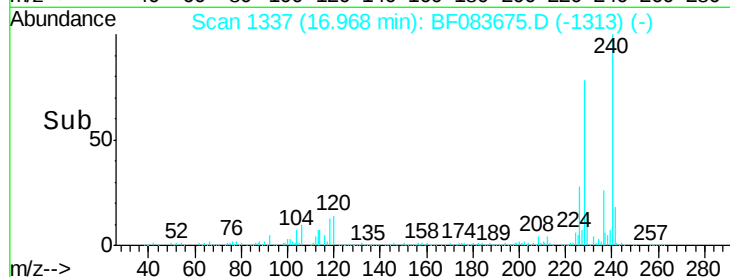
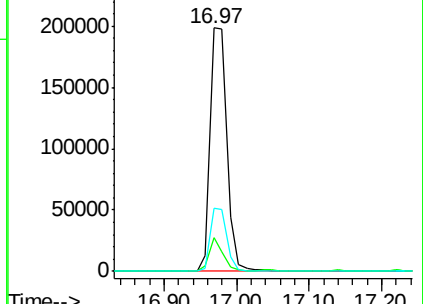
236 25.7 20.8 31.2



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: 31.34 ng

RT: 15.08 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

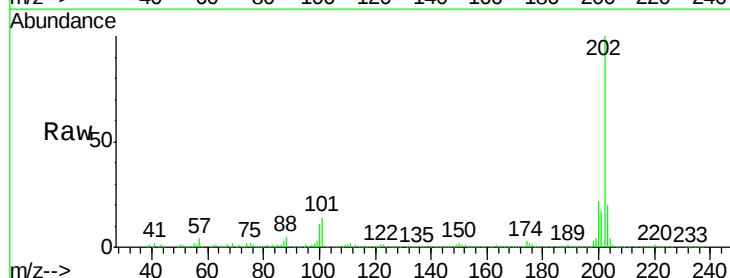
Tgt Ion:202 Resp: 726968

Ion Ratio Lower Upper

202 100

200 21.6 16.7 25.1

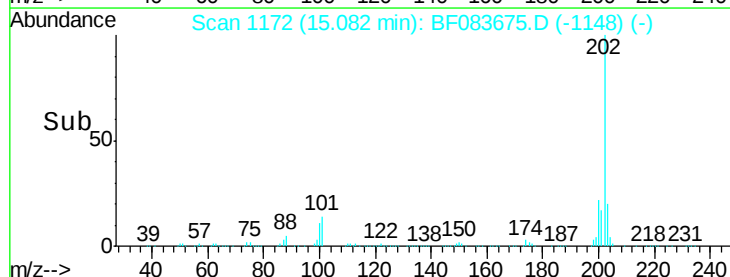
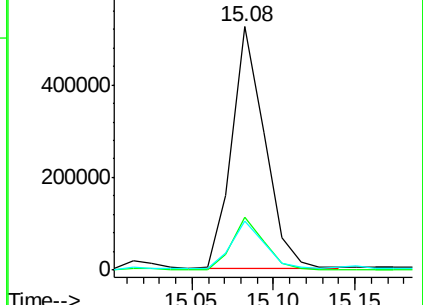
203 20.2 14.3 21.5

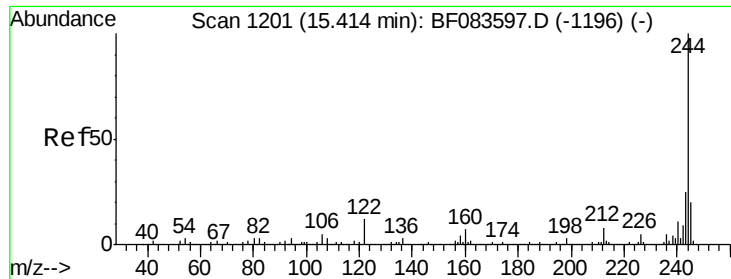


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 48.20 ng

RT: 15.39 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

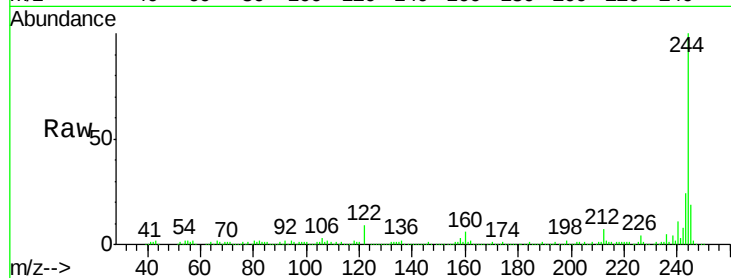
Tgt Ion:244 Resp: 659948

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

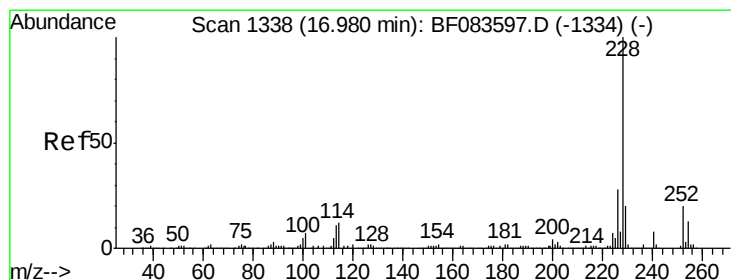
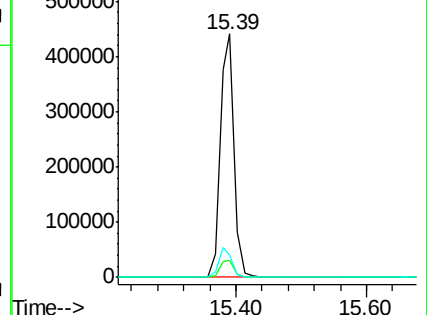
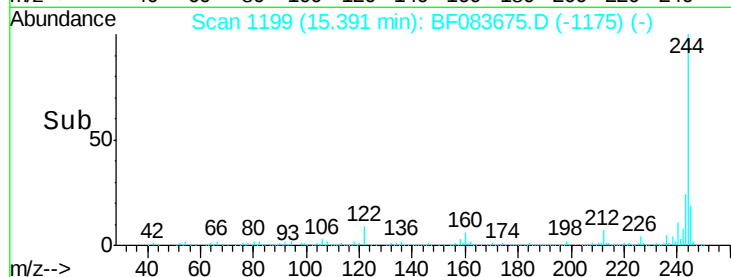
122 9.3 11.0 16.6#



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: 10.45 ng

RT: 17.01 min Scan# 1341

Delta R.T. 0.03 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

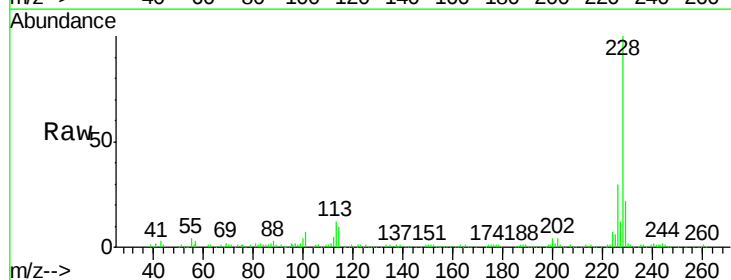
Tgt Ion:228 Resp: 197044

Ion Ratio Lower Upper

228 100

226 30.3 22.3 33.5

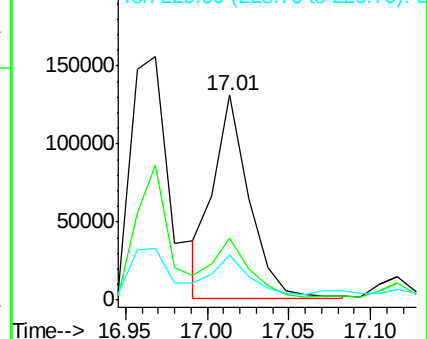
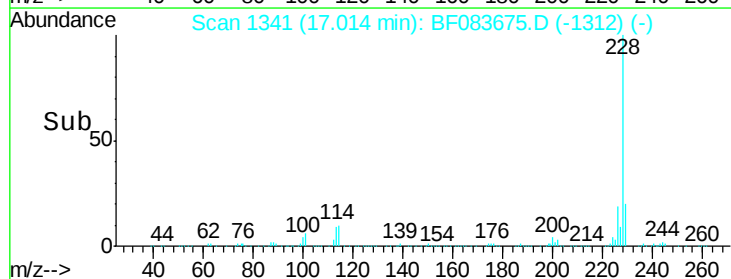
229 21.8 15.7 23.5

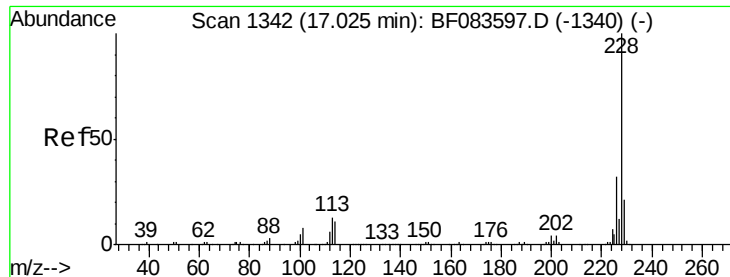


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 10.51 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

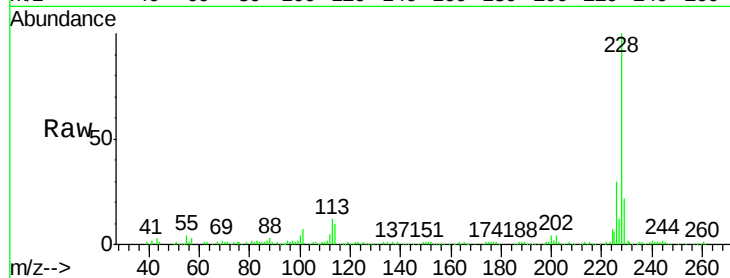
Tgt Ion:228 Resp: 198602

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

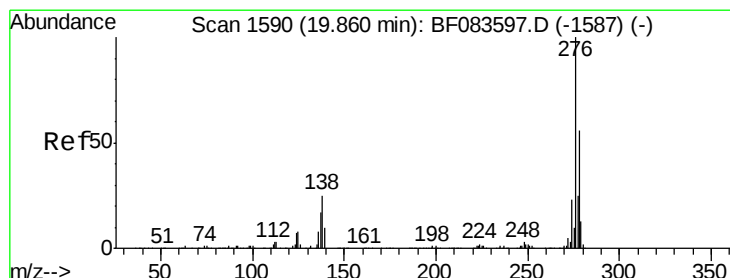
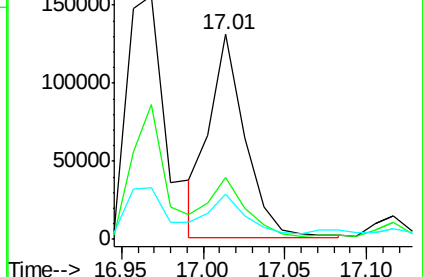
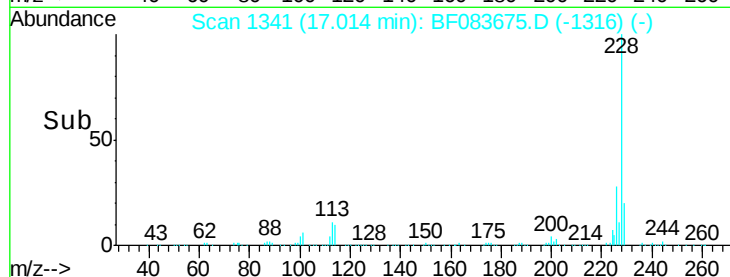
229 21.8 16.3 24.5



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: 3.64 ng

RT: 19.89 min Scan# 1593

Delta R.T. 0.03 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

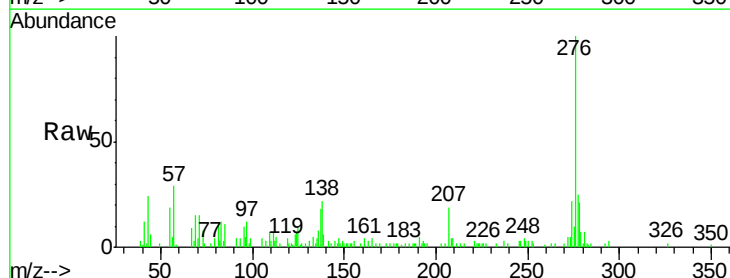
Tgt Ion:276 Resp: 46420

Ion Ratio Lower Upper

276 100

138 24.2 0.0 0.0#

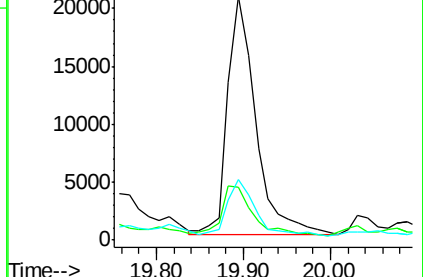
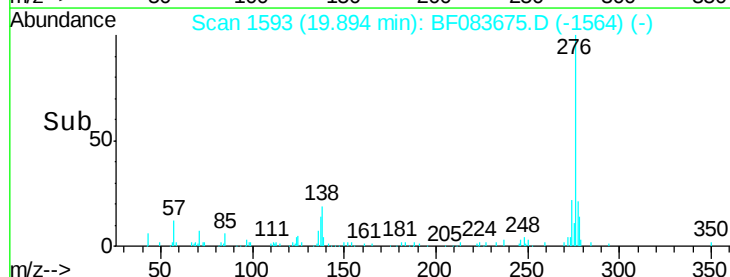
277 23.3 0.0 0.0#

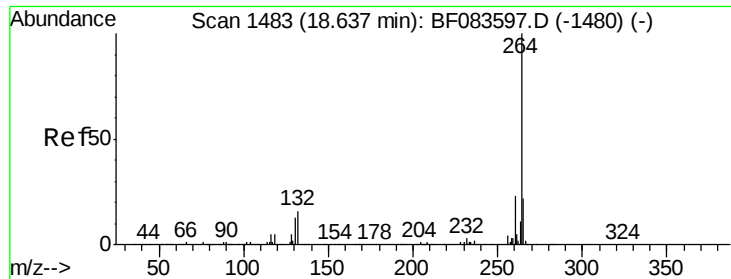


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

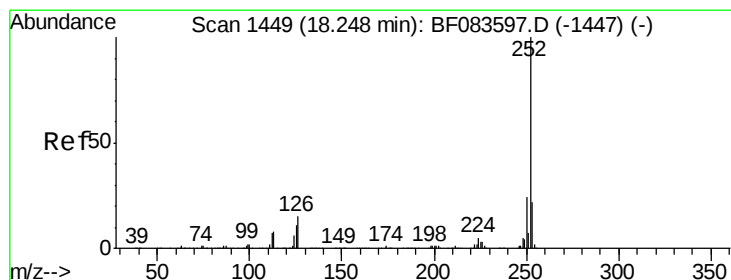
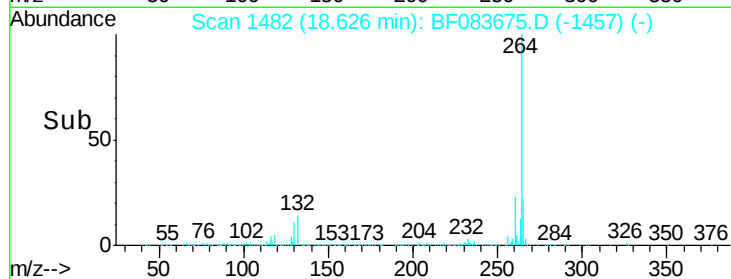
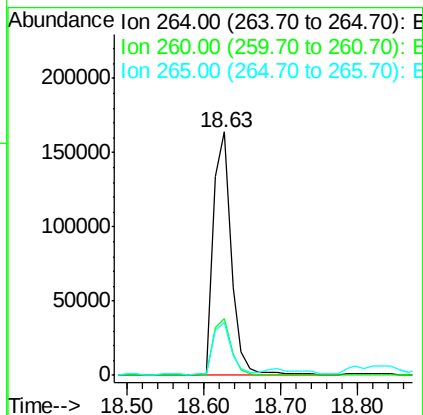
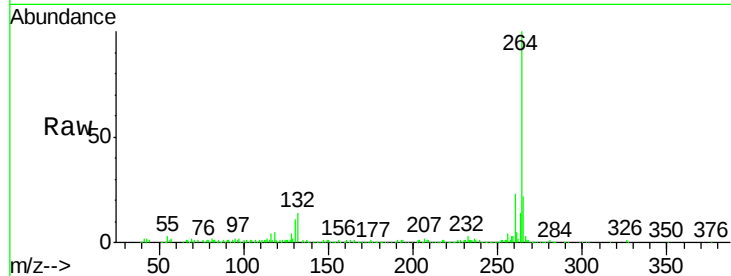




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

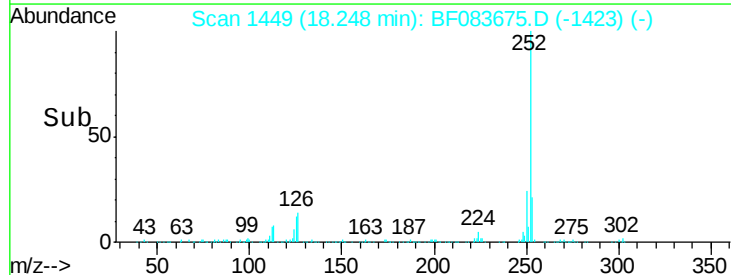
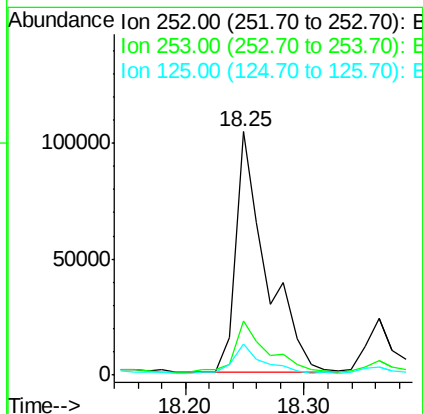
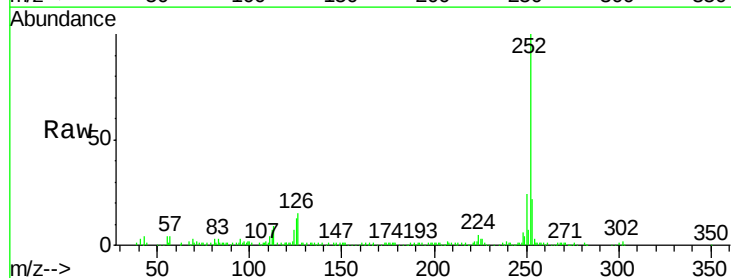
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-04(10-13)DL

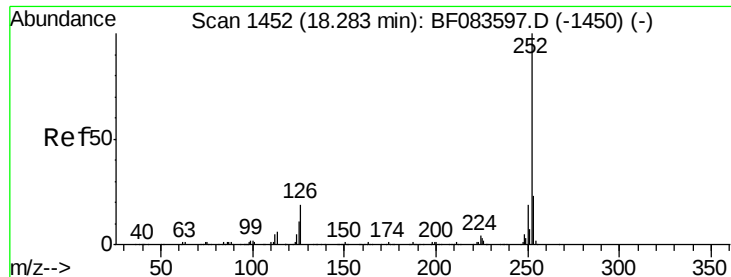
Tgt Ion:264 Resp: 267737
Ion Ratio Lower Upper
264 100
260 23.1 19.4 29.0
265 21.9 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 12.22 ng
RT: 18.25 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF083675.D
Acq: 10 Dec 2015 9:44

Tgt Ion:252 Resp: 186277
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 12.8 8.2 12.4#





#88

Benzo(k)fluoranthene

Concen: 11.09 ng

RT: 18.25 min Scan# 1449

Delta R.T. -0.03 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

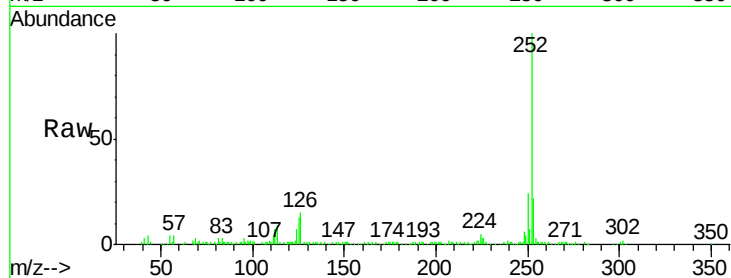
Instrument :

BNA_F

ClientSampleId :

SB-P3WC-04(10-13)DL

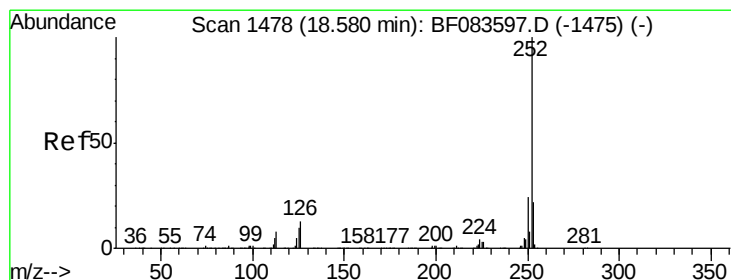
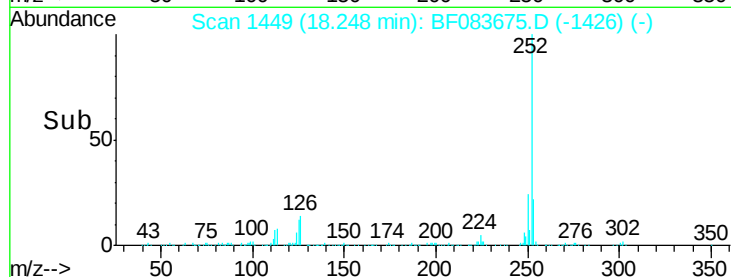
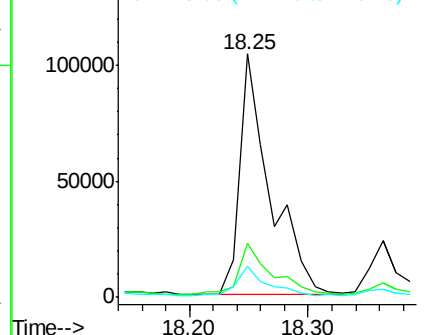
Tgt Ion:	252	Resp:	186277
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.6	27.8
125	12.8	11.5	17.3



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: 5.47 ng

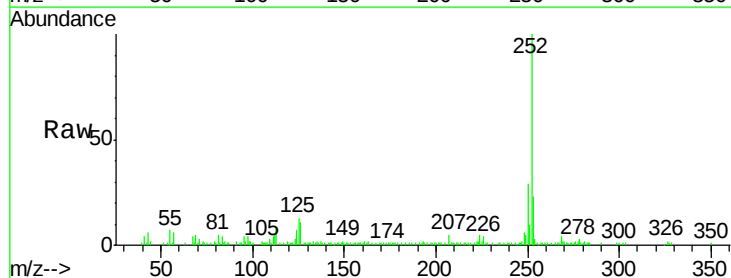
RT: 18.52 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BF083675.D

Acq: 10 Dec 2015 9:44

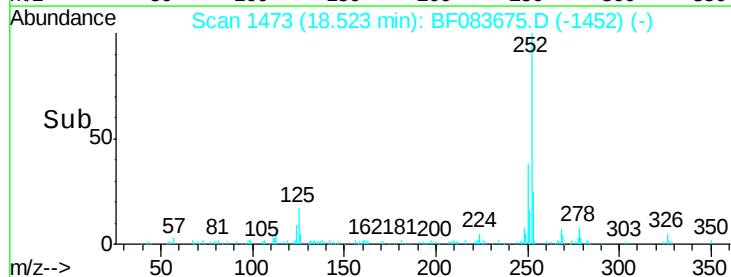
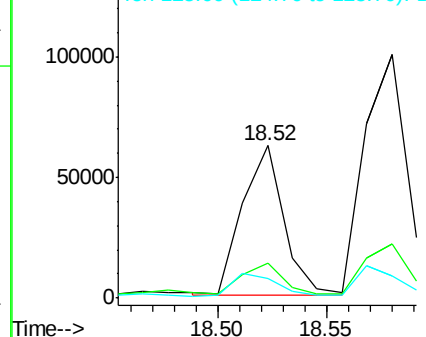
Tgt Ion:	252	Resp:	81358
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	12.8	11.0	16.6

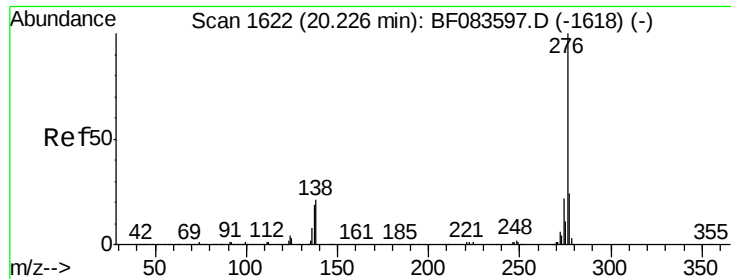


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 4.11 ng
 RT: 20.25 min Scan# 1624
 Delta R.T. 0.02 min
 Lab File: BF083675.D
 Acq: 10 Dec 2015 9:44

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.7	19.2	28.8
138	26.6	19.5	29.3

