

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081158.D
 Acq On : 21 Aug 2015 21:50
 Operator : UM/IZ
 Sample : G3363-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:32:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	66685	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	299175	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	129394	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	266629	20.00	ng	0.00
75) Chrysene-d12	13.68	240	163299	20.00	ng	0.01
86) Perylene-d12	15.01	264	148195	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	553571	124.86	ng	0.02
7) Phenol-d6	6.21	99	721874	124.79	ng	0.00
23) Nitrobenzene-d5	7.13	82	559338	85.41	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	136401	121.61	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	806862	81.70	ng	0.00
78) Terphenyl-d14	12.64	244	633917	83.22	ng	0.01

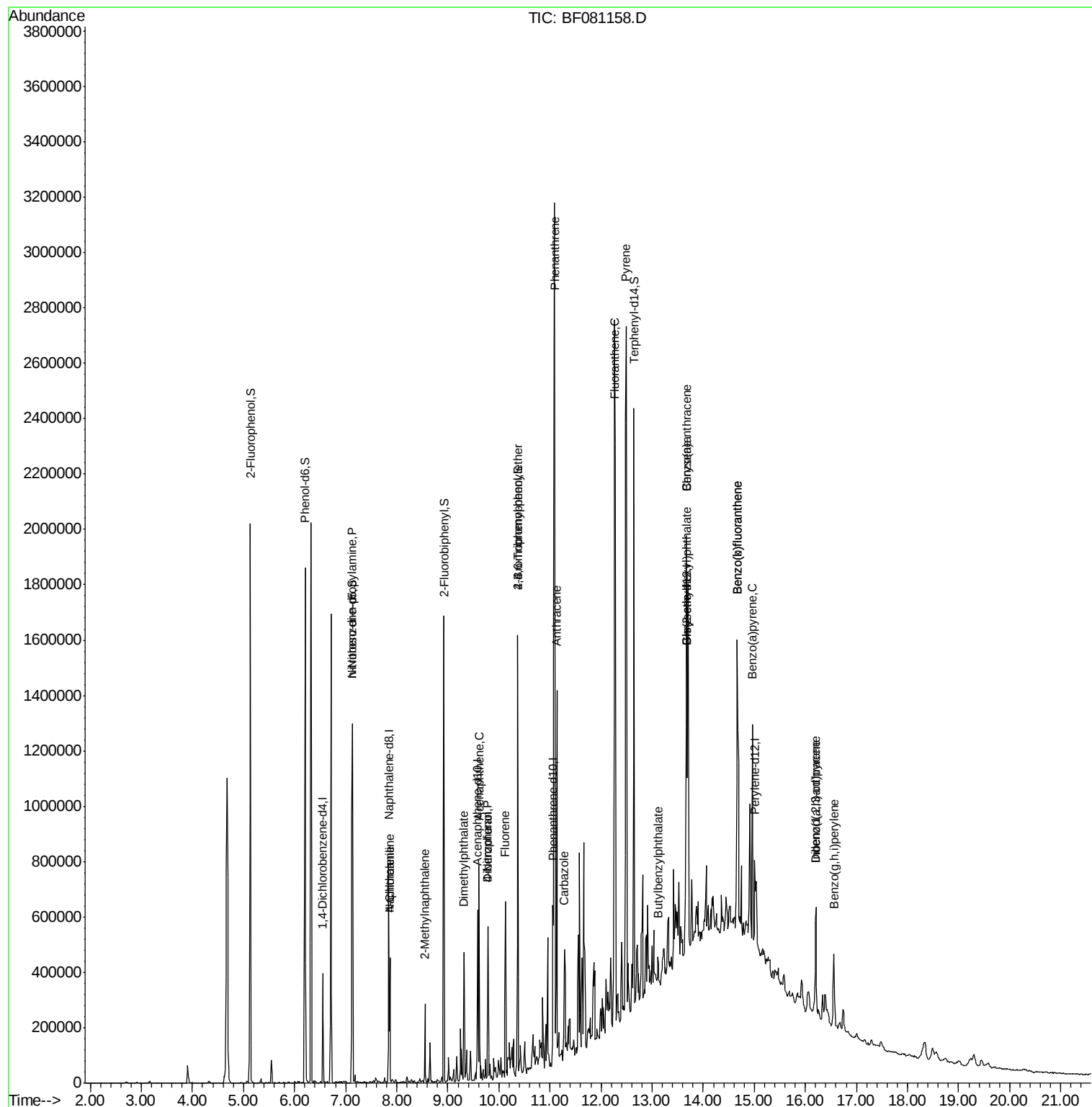
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.13	70	74998	18.72	ng	# 65
31) Naphthalene	7.86	128	192770	11.56	ng	98
33) 4-Chloroaniline	7.86	127	24542	3.49	ng	# 25
37) 2-Methylnaphthalene	8.55	142	66399	6.30	ng	97
49) Dimethylphthalate	9.32	163	151532	14.22	ng	98
51) Acenaphthene	9.61	154	153144	15.62	ng	98
54) Dibenzofuran	9.78	168	166863	12.70	ng	94
55) 4-Nitrophenol	9.78	139	69215	34.42	ng	# 1
57) Fluorene	10.13	166	180552	17.86	ng	98
66) 4-Bromophenyl-phenylether	10.37	248	9868	3.77	ng	# 1
70) Phenanthrene	11.09	178	1487303	94.12	ng	97
71) Anthracene	11.13	178	456219	29.67	ng	99
72) Carbazole	11.28	167	207916	14.04	ng	99
74) Fluoranthene	12.28	202	1819786	106.72	ng	98
77) Pyrene	12.49	202	1288955	97.09	ng	97
79) Butylbenzylphthalate	13.12	149	17849	3.13	ng	# 87
80) Benzo(a)anthracene	13.67	228	653061	59.63	ng	99
82) Chrysene	13.67	228	653061	66.17	ng	97
83) Bis(2-ethylhexyl)phthalate	13.68	149	34973	4.78	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.21	276	246671	35.60	ng	94
87) Benzo(b)fluoranthene	14.67	252	793951	75.74	ng	# 94
88) Benzo(k)fluoranthene	14.67	252	793951	81.28	ng	97
89) Benzo(a)pyrene	14.96	252	391155	42.83	ng	# 90
90) Dibenzo(a,h)anthracene	16.21	278	86897	12.21	ng	# 87
91) Benzo(g,h,i)perylene	16.56	276	204132	28.27	ng	# 92

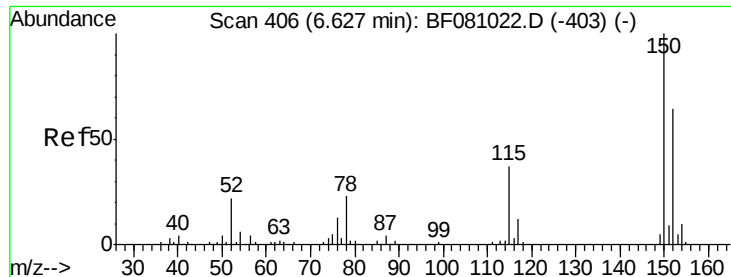
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 21 23:32:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration



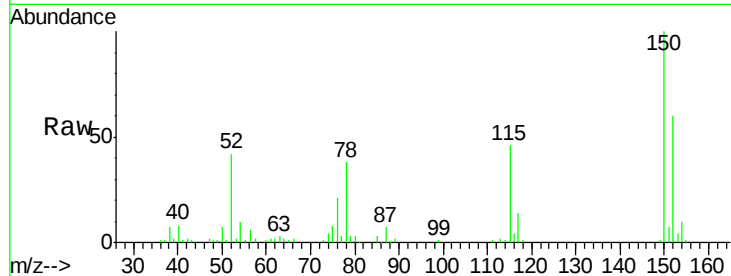


#1

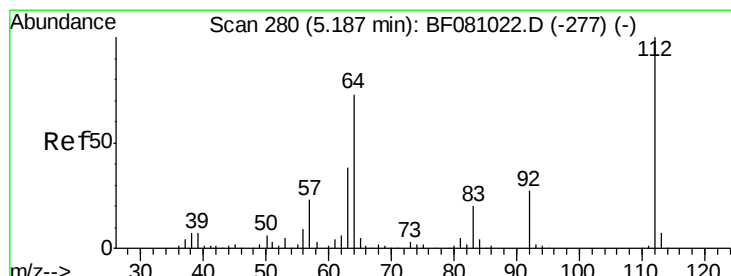
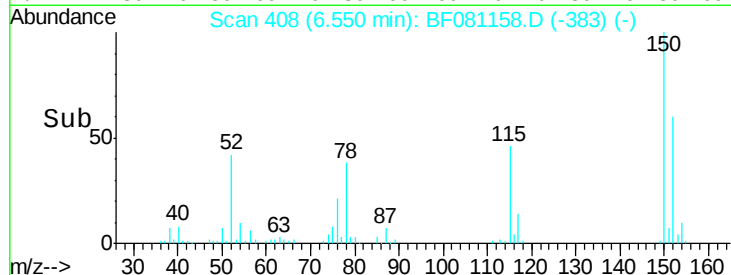
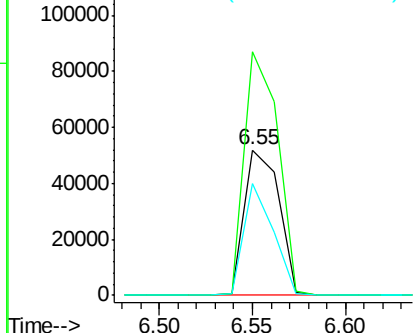
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66685
Ion Ratio Lower Upper
152 100
150 167.2 123.8 185.6
115 77.2 52.1 78.1



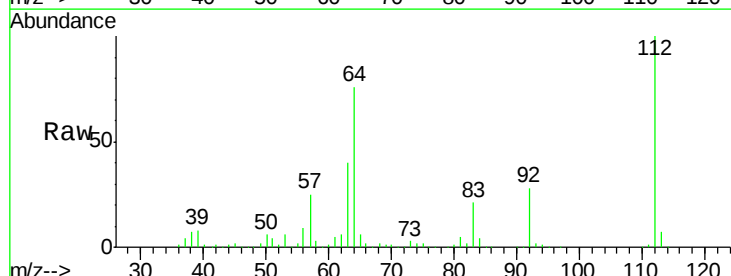
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



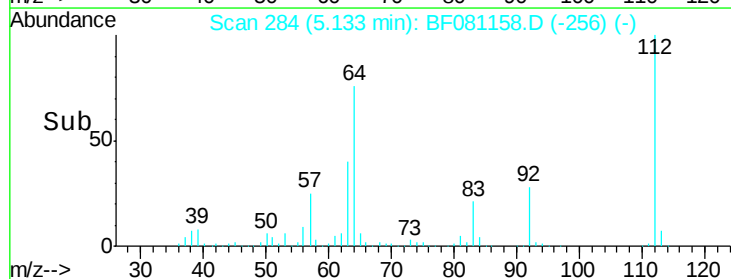
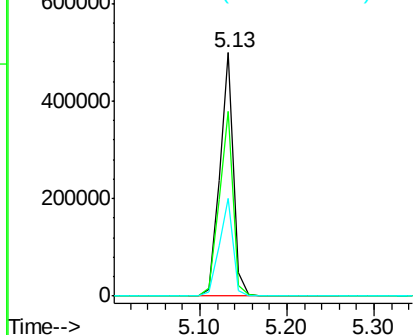
#5

2-Fluorophenol
Concen: 124.86 ng
RT: 5.13 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Tgt Ion:112 Resp: 553571
Ion Ratio Lower Upper
112 100
64 75.8 66.9 100.3
63 40.3 38.1 57.1



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: 124.79 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

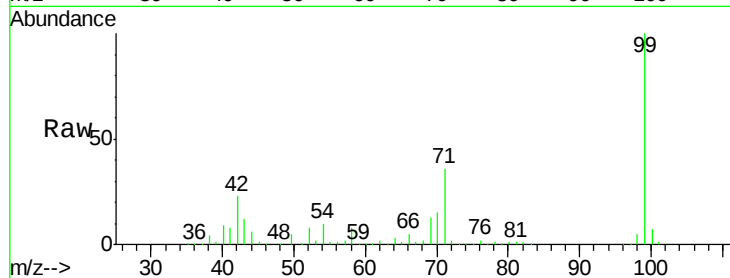
Tot Ion: 99 Resp: 721874

Ion Ratio Lower Upper

99 100

42 23.1 19.6 29.4

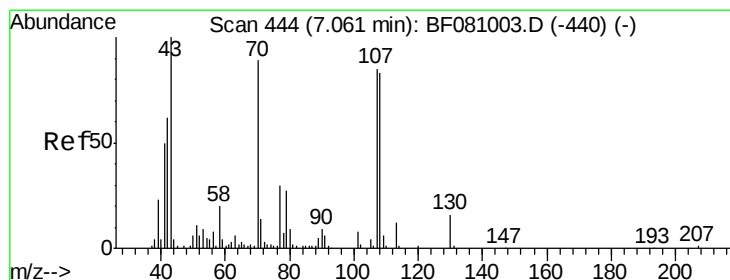
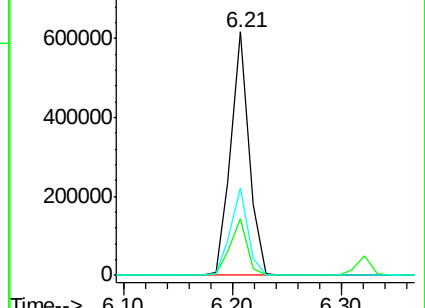
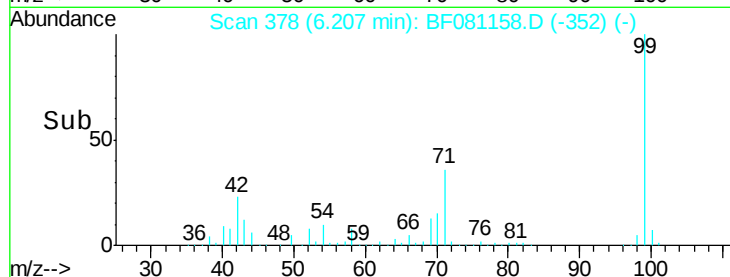
71 36.1 31.2 46.8



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: 18.72 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Tgt Ion: 70 Resp: 74998

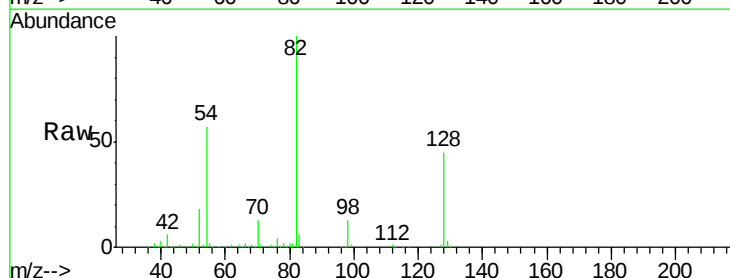
Ion Ratio Lower Upper

70 100

42 48.8 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 13.0 19.4#

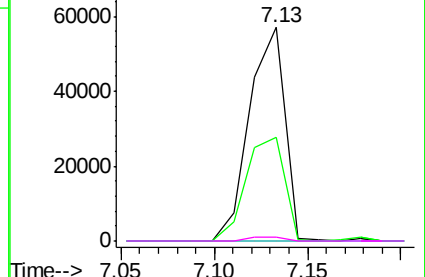
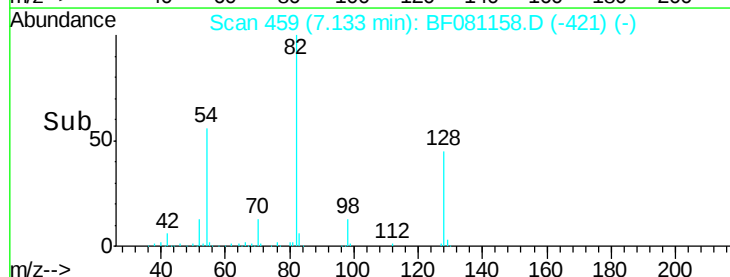


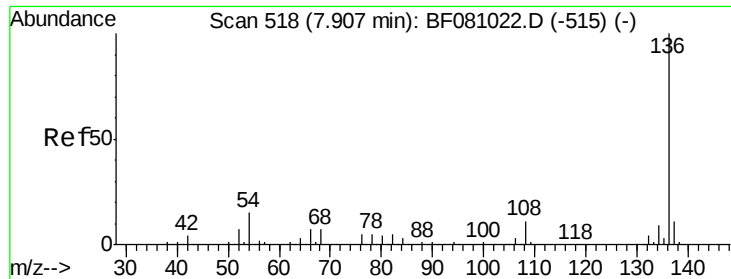
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

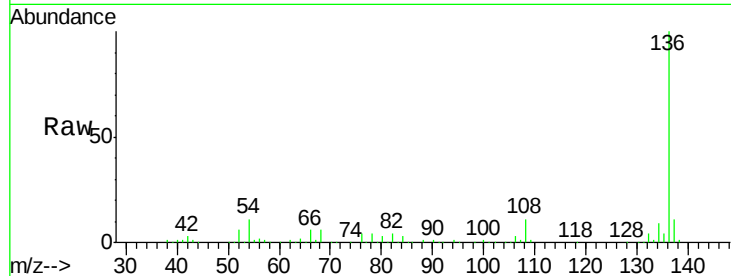




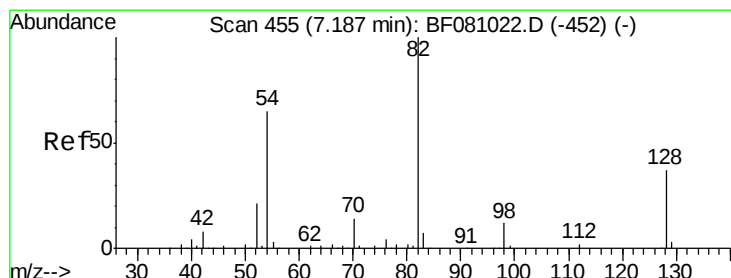
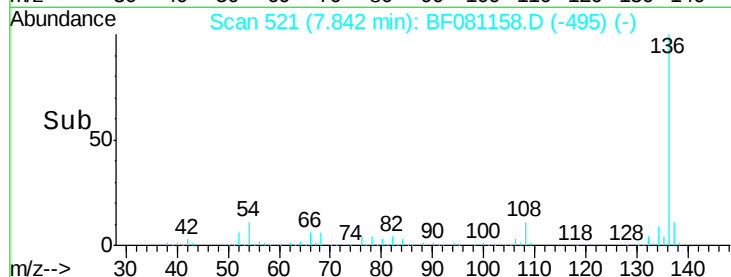
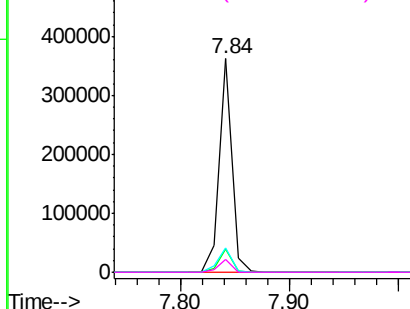
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	299175
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.2 12.2
54	11.4	7.7 11.5
68	6.0	3.4 5.2#

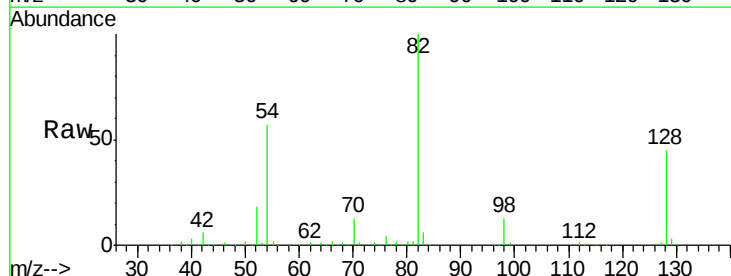


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

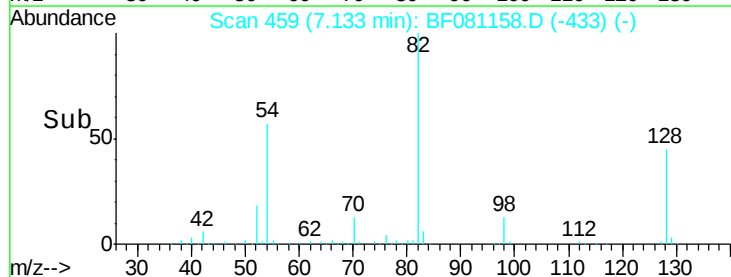
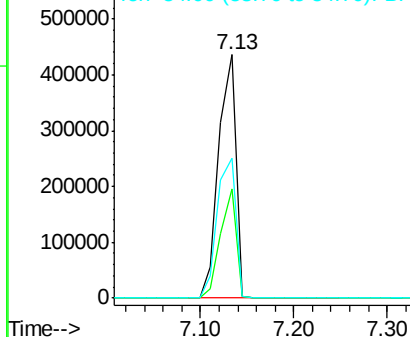


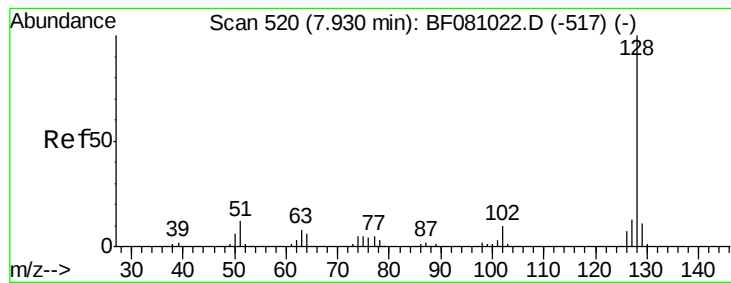
#23
Nitrobenzene-d5
Concen: 85.41 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Tgt Ion: 82	Resp:	559338
Ion Ratio	Lower	Upper
82	100	
128	44.9	28.6 42.8#
54	57.4	55.1 82.7



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: 11.56 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

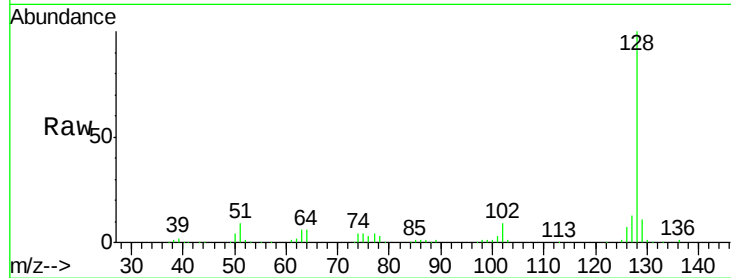
Tot Ion:128 Resp: 192770

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

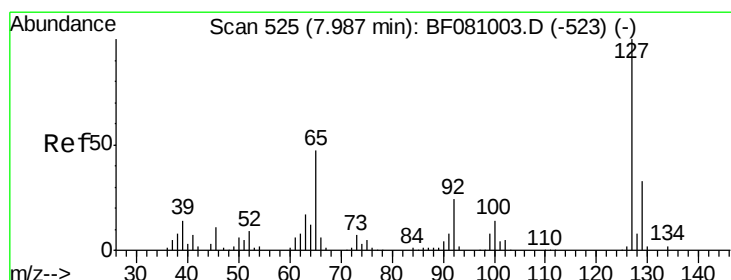
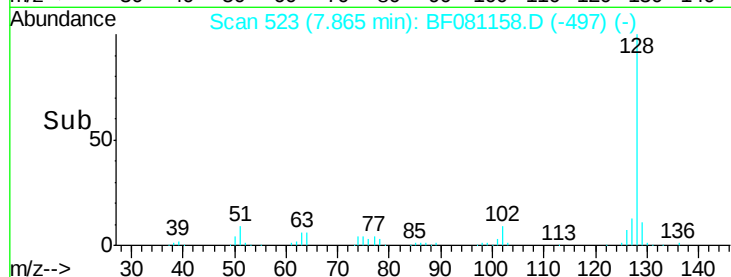
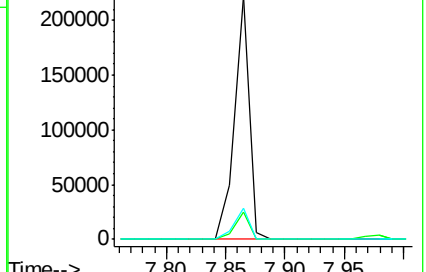
127 12.6 10.6 16.0



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



#33

4-Chloroaniline

Concen: 3.49 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Tgt Ion:127 Resp: 24542

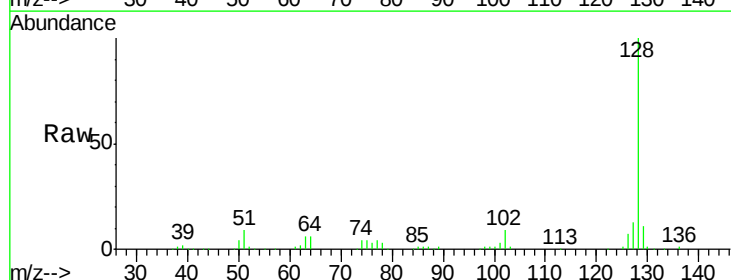
Ion Ratio Lower Upper

127 100

129 87.0 25.2 37.8#

65 0.0 37.8 56.6#

92 0.0 19.5 29.3#

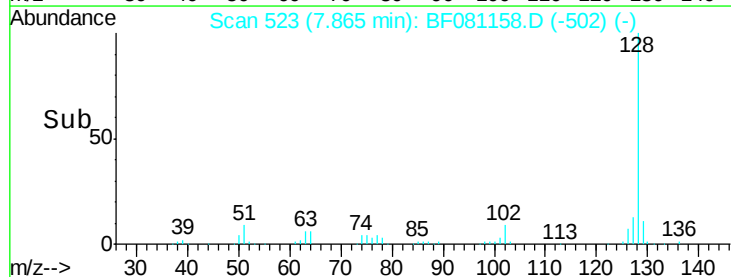
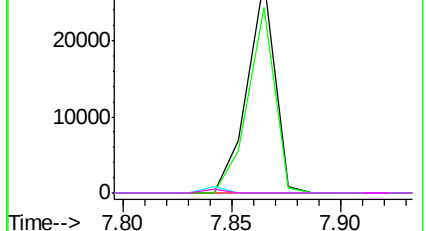


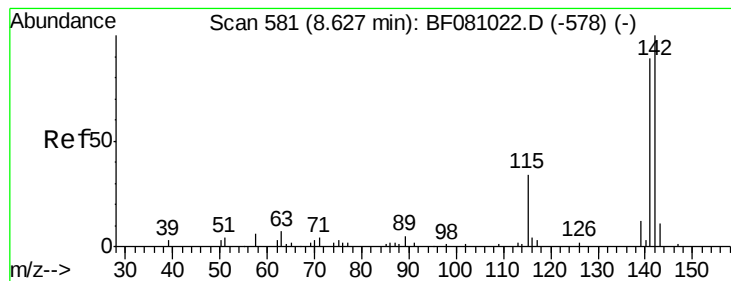
Abundance Ion 127.00 (126.70 to 127.70): E

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





#37

2-Methylnaphthalene

Concen: 6.30 ng

RT: 8.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

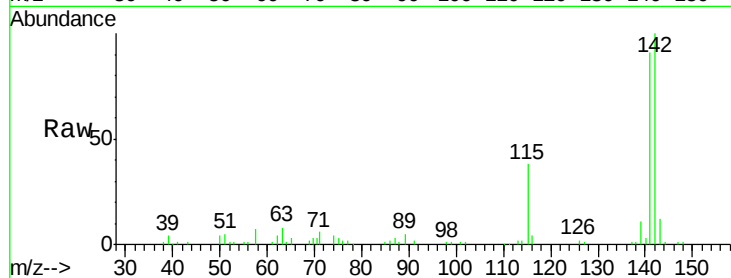
Tot Ion:142 Resp: 66399

Ion Ratio Lower Upper

142 100

141 90.7 71.4 107.2

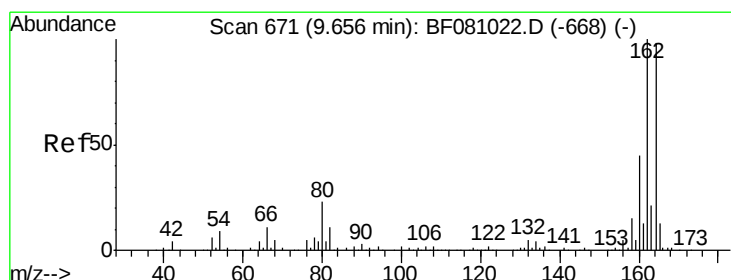
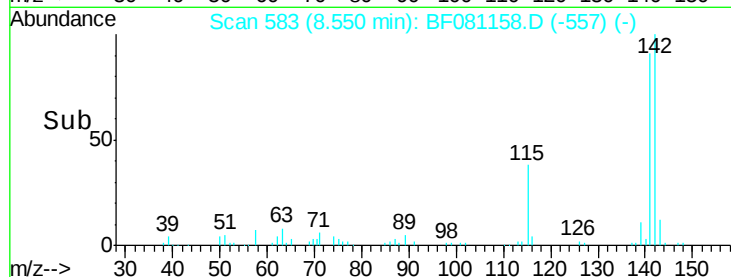
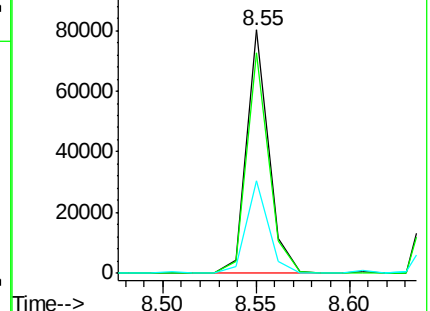
115 37.9 33.4 50.0



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: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

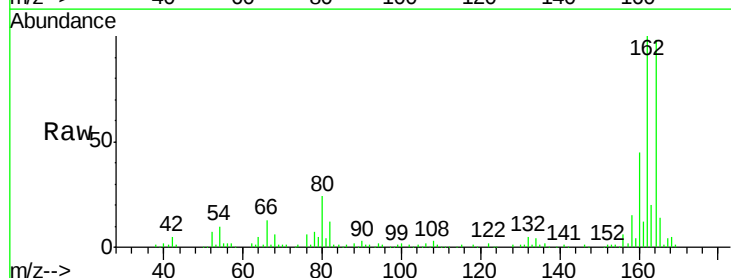
Tgt Ion:164 Resp: 129394

Ion Ratio Lower Upper

164 100

162 102.2 83.8 125.8

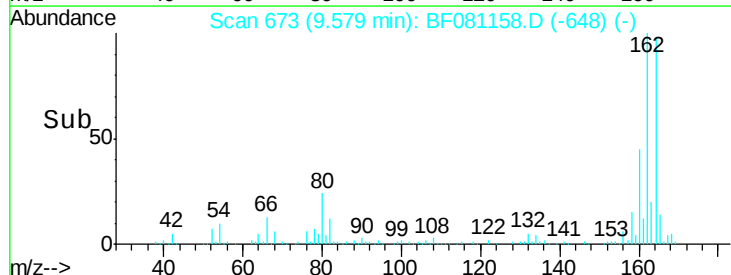
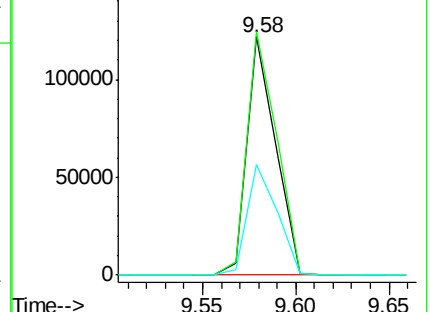
160 46.2 39.8 59.8

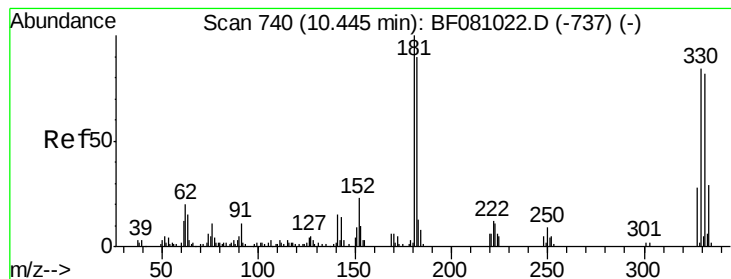


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 121.61 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :
BNA_F
ClientSampleId :

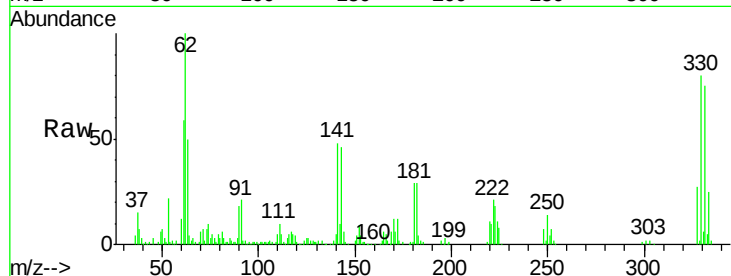
Tot Ion:330 Resp: 136401

Ion Ratio Lower Upper

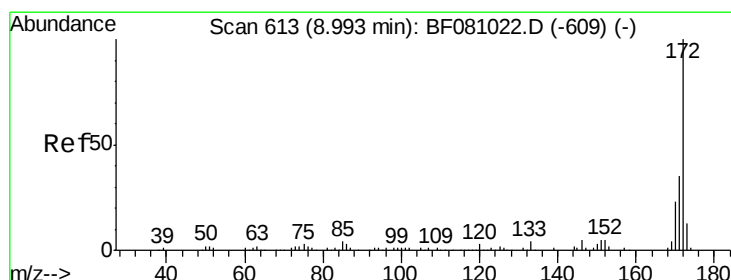
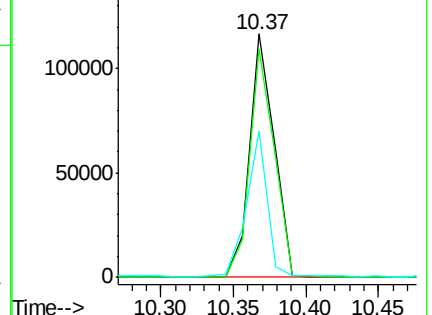
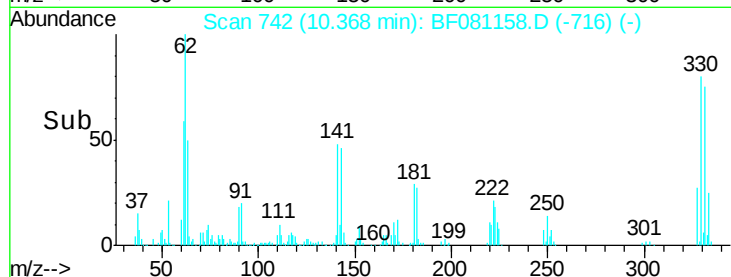
330 100

332 93.8 77.3 115.9

141 50.6 44.9 67.3



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: 81.70 ng

RT: 8.93 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

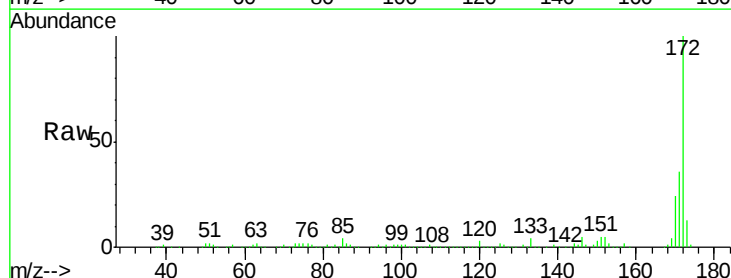
Tgt Ion:172 Resp: 806862

Ion Ratio Lower Upper

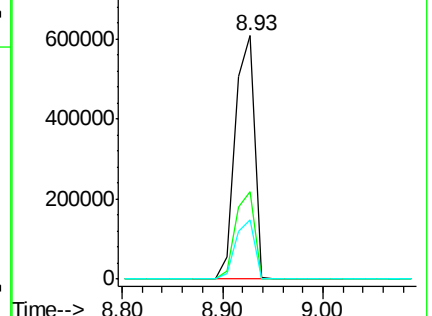
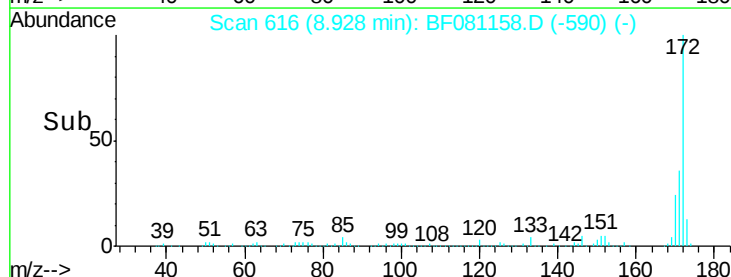
172 100

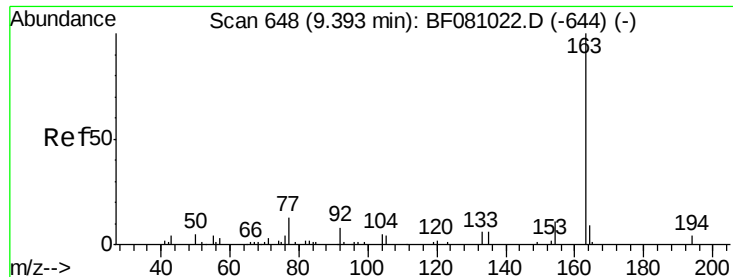
171 35.9 28.9 43.3

170 24.2 19.4 29.2



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

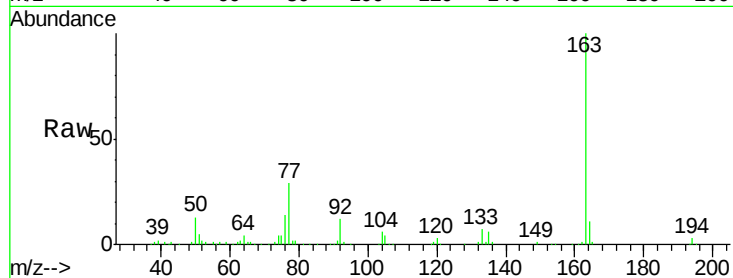




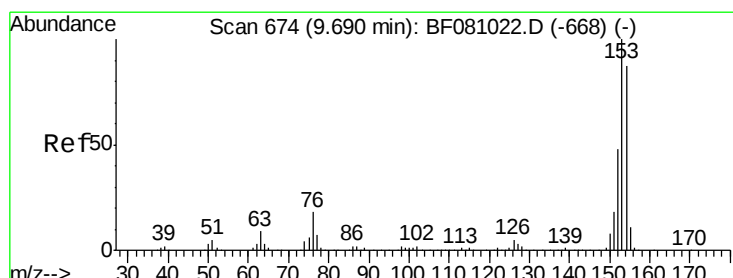
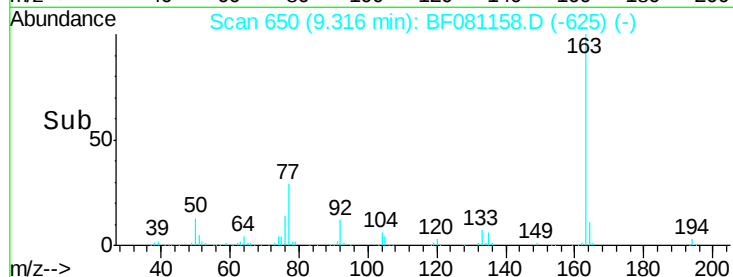
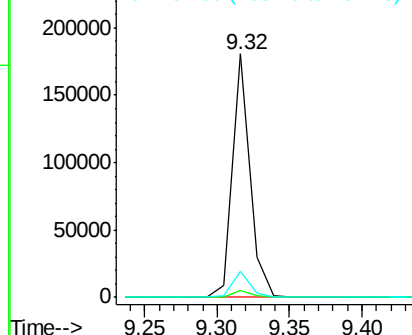
#49
Dimethylphthalate
Concen: 14.22 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 151532
Ion Ratio Lower Upper
163 100
194 2.9 2.5 3.7
164 10.8 8.1 12.1

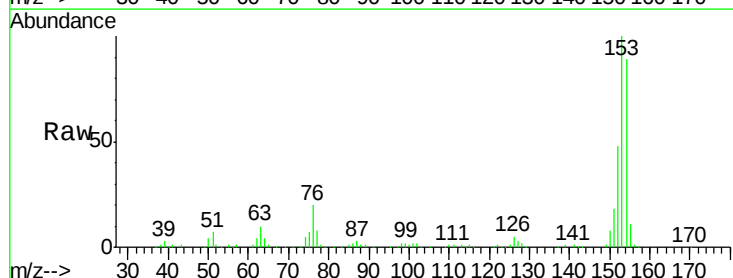


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

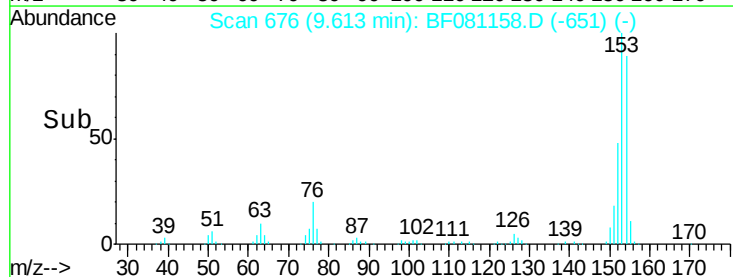
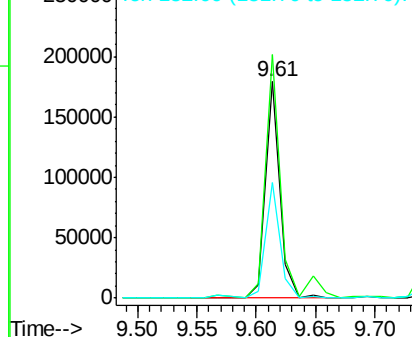


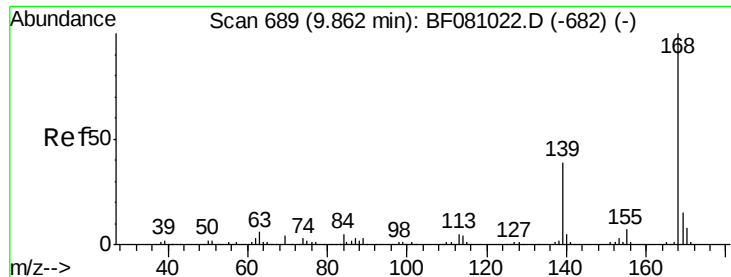
#51
Acenaphthene
Concen: 15.62 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Tgt Ion:154 Resp: 153144
Ion Ratio Lower Upper
154 100
153 112.4 91.4 137.2
152 53.5 43.7 65.5



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

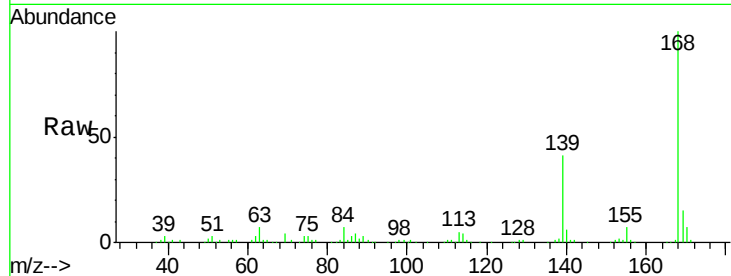




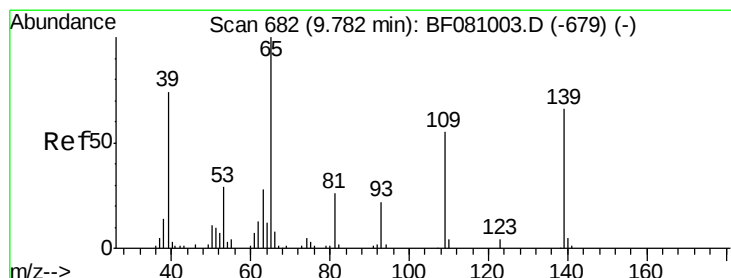
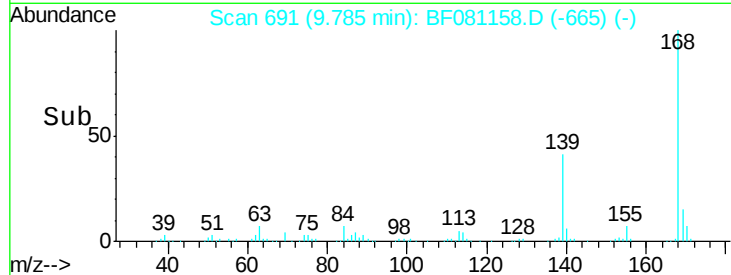
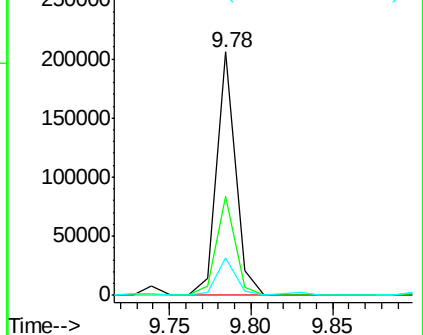
#54
Dibenzofuran
Concen: 12.70 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 166863
Ion Ratio Lower Upper
168 100
139 40.6 29.3 43.9
169 15.2 10.3 15.5

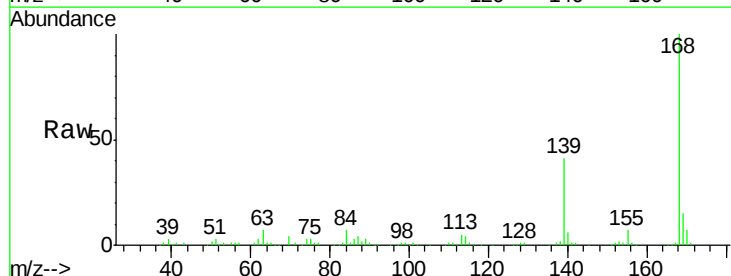


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

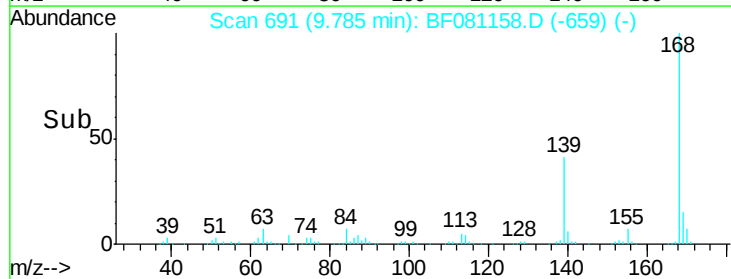
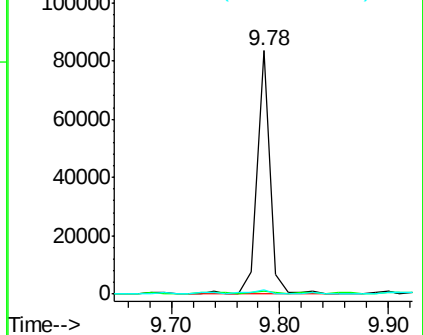


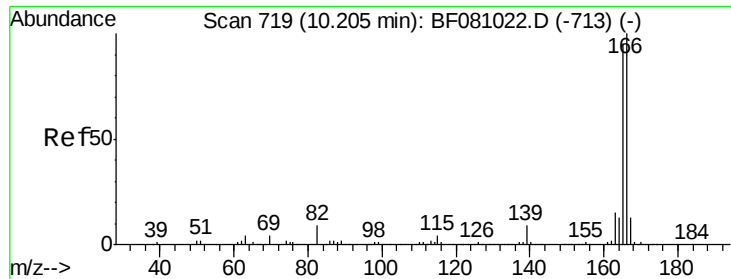
#55
4-Nitrophenol
Concen: 34.42 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.07 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Tgt Ion:139 Resp: 69215
Ion Ratio Lower Upper
139 100
109 1.2 80.0 120.0#
65 1.9 138.3 178.3#



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

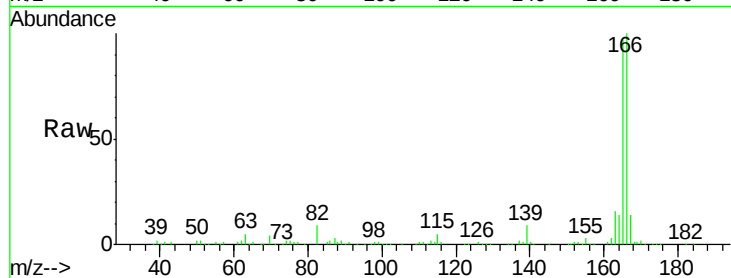




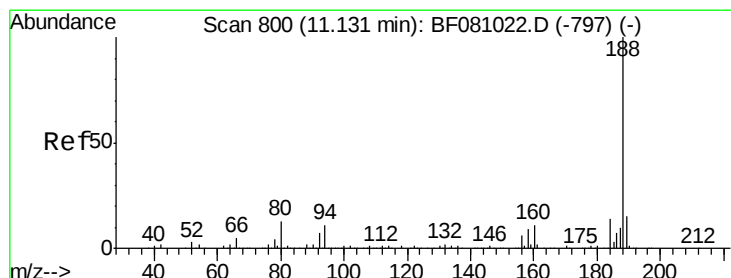
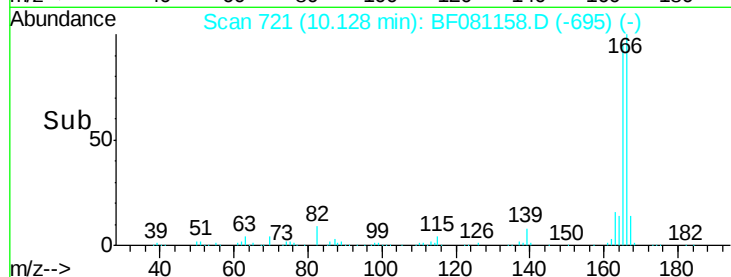
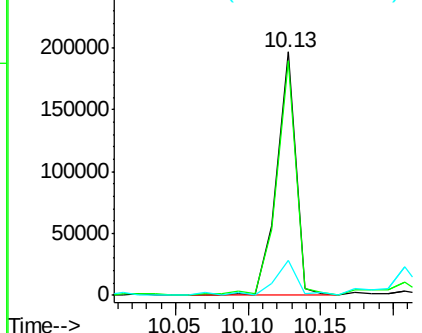
#57
Fluorene
 Concen: 17.86 ng
 RT: 10.13 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF081158.D
 Acq: 21 Aug 2015 21:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 180552
 Ion Ratio Lower Upper
 166 100
 165 96.5 75.8 113.8
 167 14.2 11.3 16.9

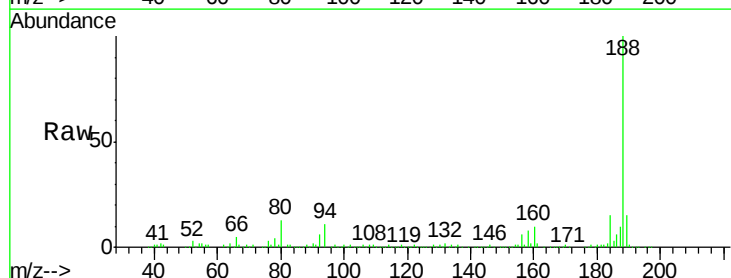


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

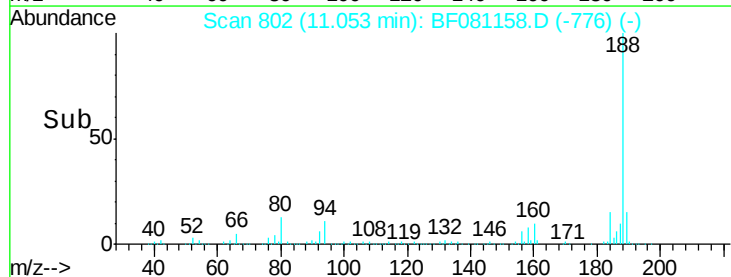
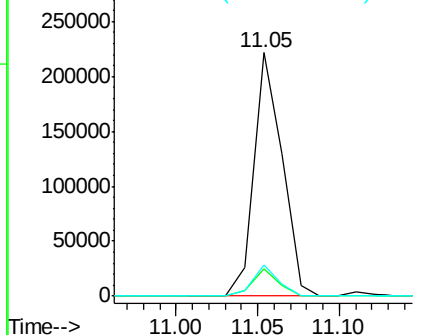


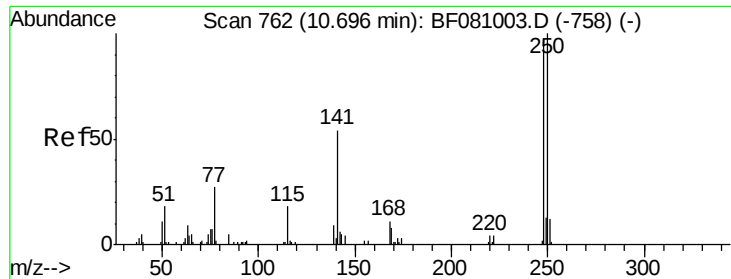
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF081158.D
 Acq: 21 Aug 2015 21:50

Tgt Ion:188 Resp: 266629
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.2 12.2
 80 12.8 9.5 14.3



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

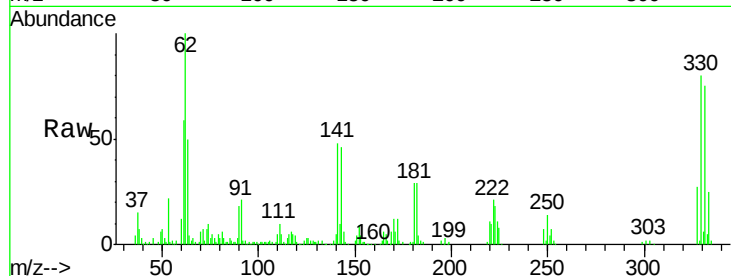




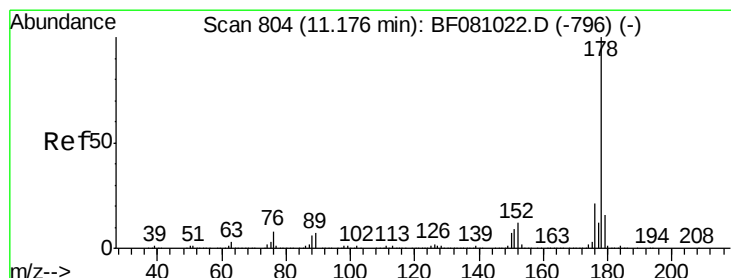
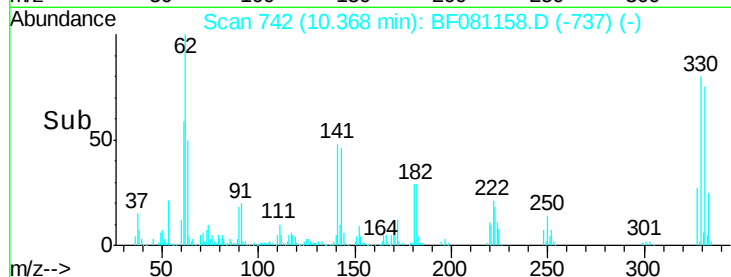
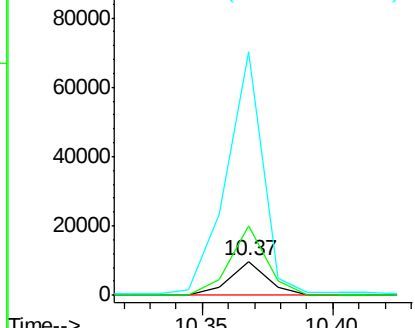
#66
4-Bromophenyl-phenylether
Concen: 3.77 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9868
Ion Ratio Lower Upper
248 100
250 202.2 77.8 116.6#
141 712.4 39.8 59.6#

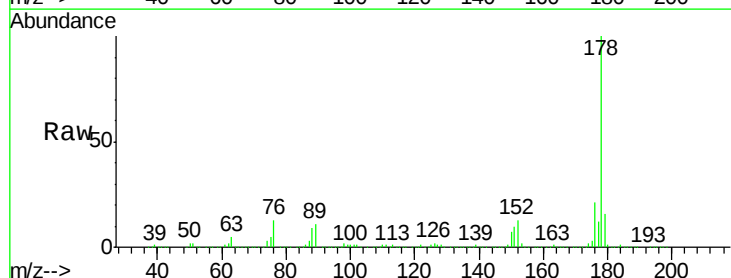


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

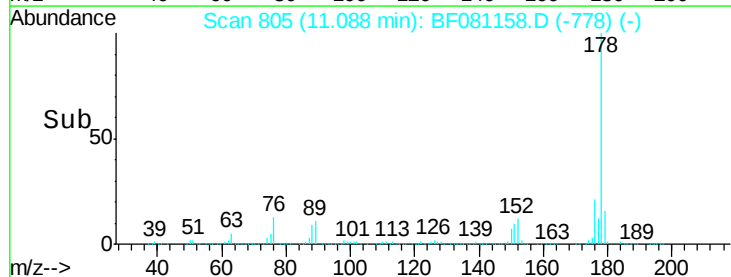
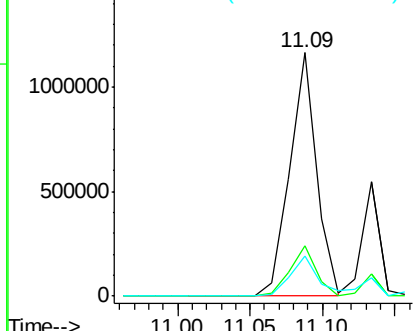


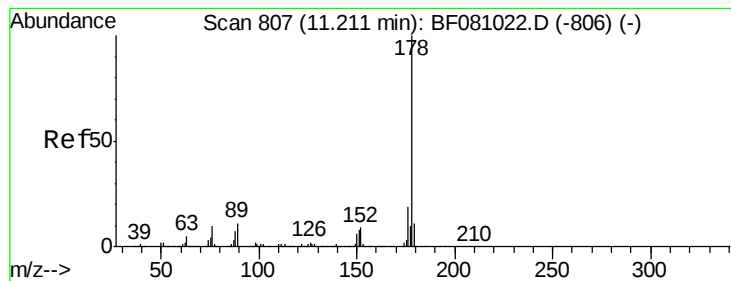
#70
Phenanthrene
Concen: 94.12 ng
RT: 11.09 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Tgt Ion:178 Resp: 1487303
Ion Ratio Lower Upper
178 100
176 20.9 15.7 23.5
179 16.4 12.2 18.2



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





#71

Anthracene

Concen: 29.67 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

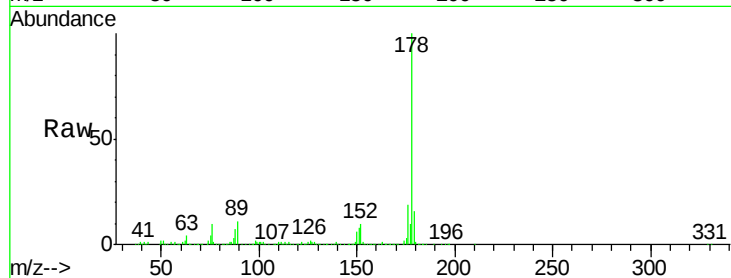
Tot Ion:178 Resp: 456219

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

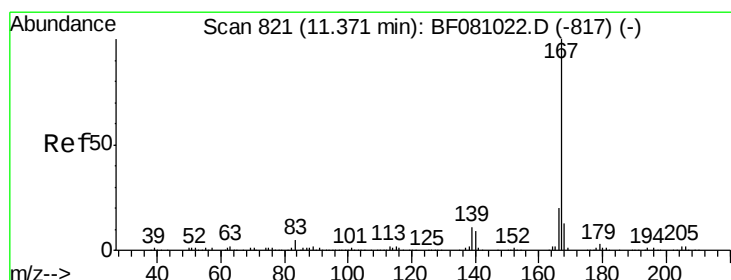
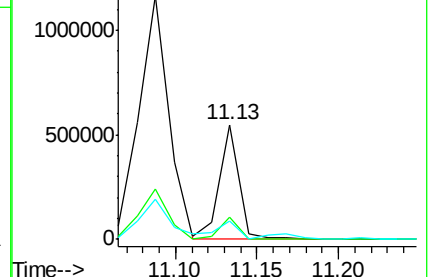
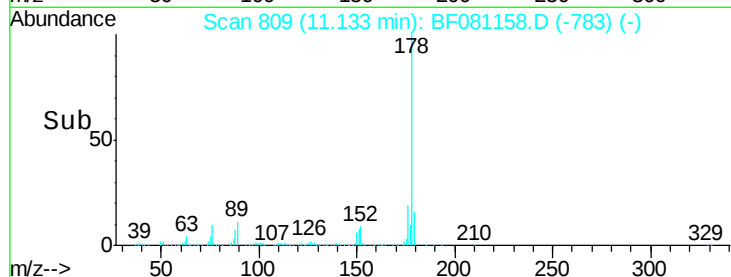
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 14.04 ng

RT: 11.28 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

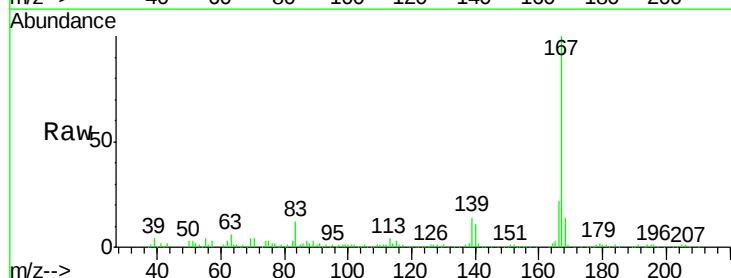
Tgt Ion:167 Resp: 207916

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

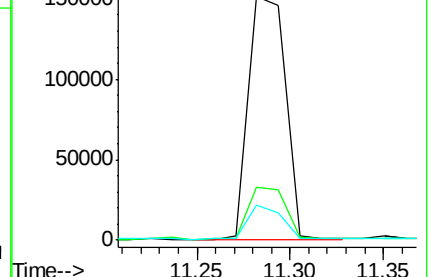
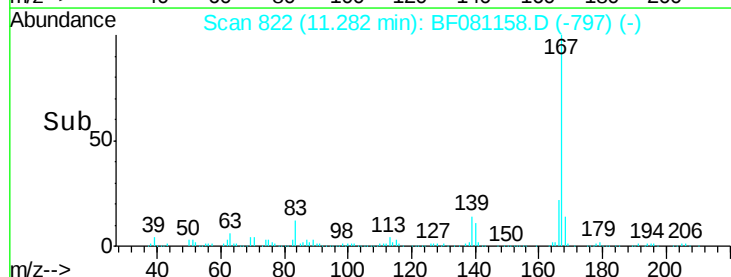
139 14.5 10.6 16.0

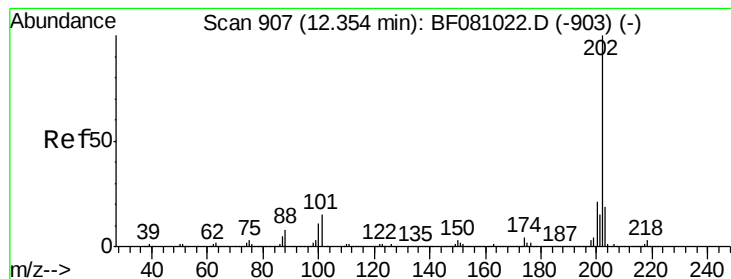


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 106.72 ng

RT: 12.28 min Scan# 909

Delta R.T. 0.02 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

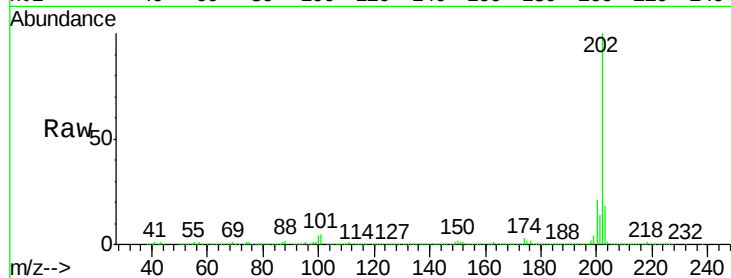
Tot Ion:202 Resp: 1819786

Ion Ratio Lower Upper

202 100

101 5.0 0.0 24.8

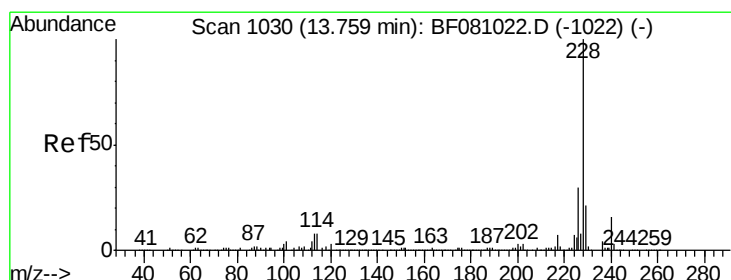
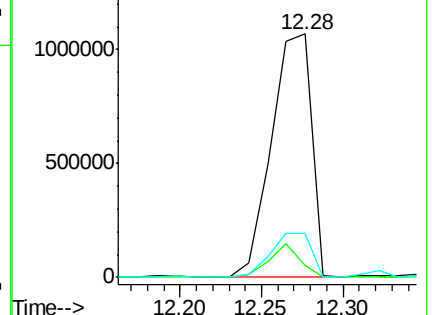
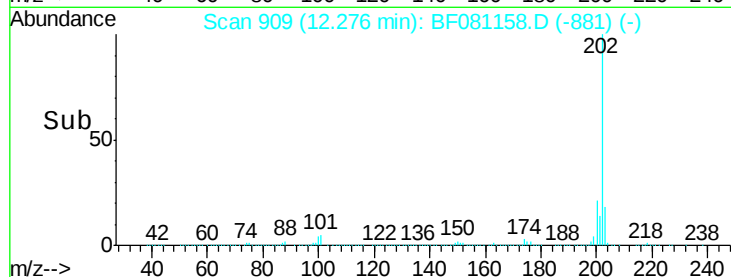
203 17.9 0.0 36.9



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: 13.68 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

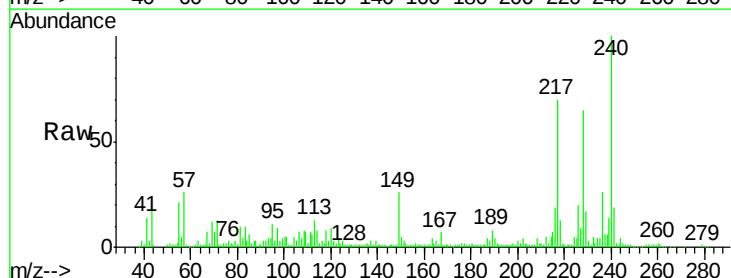
Tgt Ion:240 Resp: 163299

Ion Ratio Lower Upper

240 100

120 8.8 5.6 8.4#

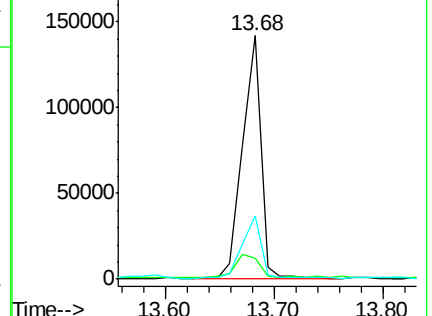
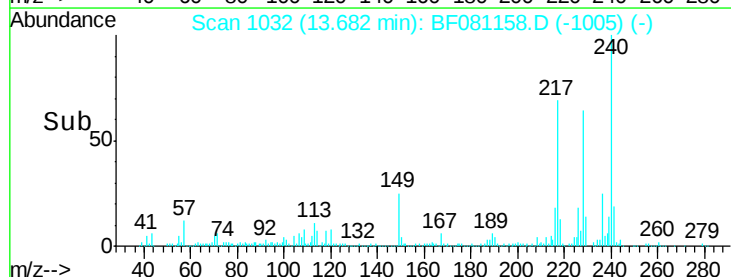
236 25.8 20.6 30.8

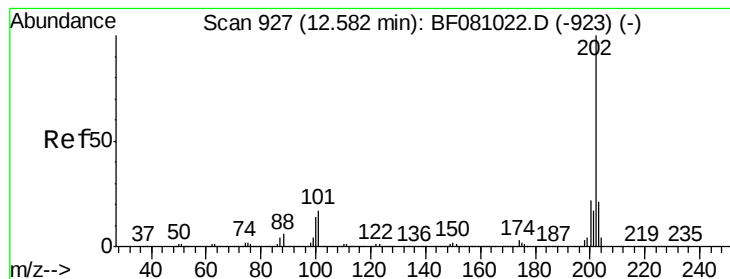


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 97.09 ng

RT: 12.49 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampled :

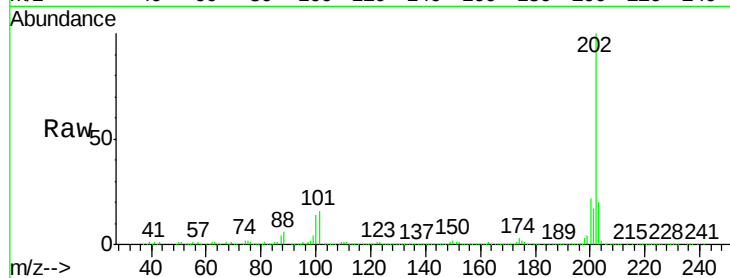
Tot Ion:202 Resp: 1288955

Ion Ratio Lower Upper

202 100

200 21.6 16.6 24.8

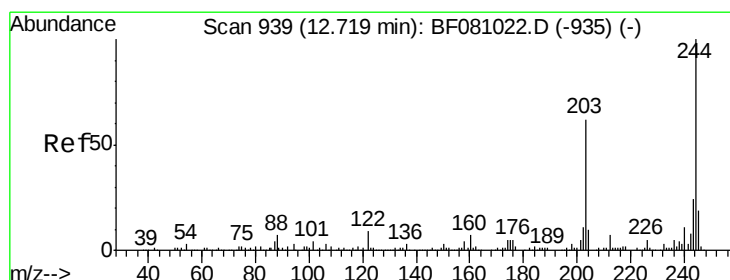
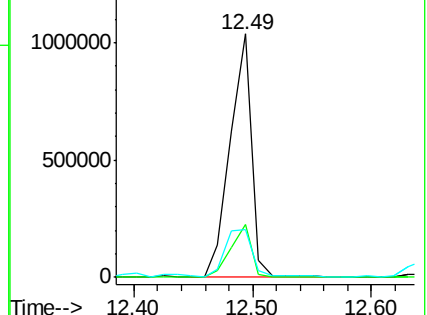
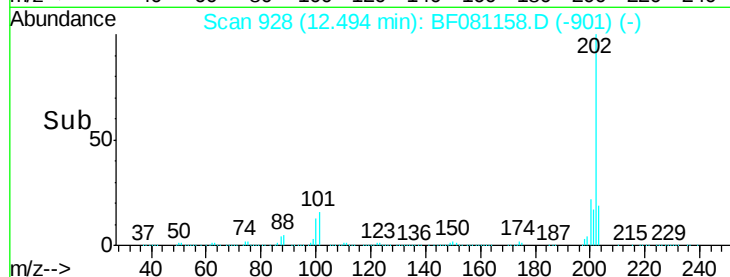
203 19.7 14.1 21.1



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: 83.22 ng

RT: 12.64 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

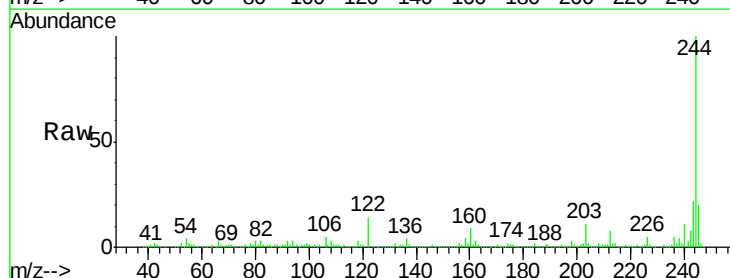
Tgt Ion:244 Resp: 633917

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

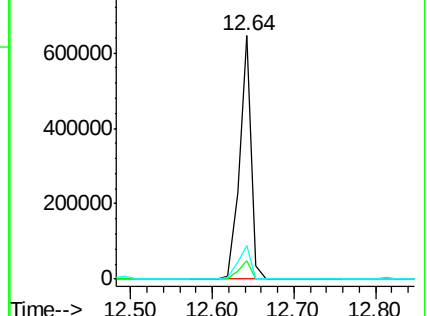
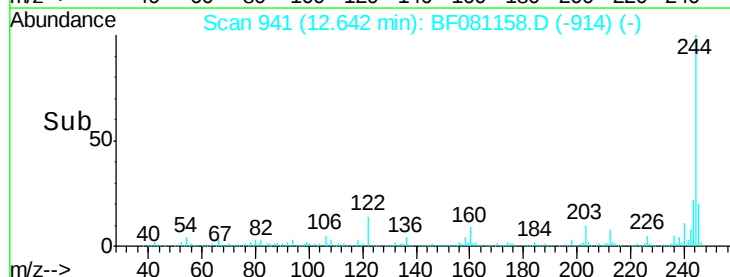
122 13.9 8.2 12.4#

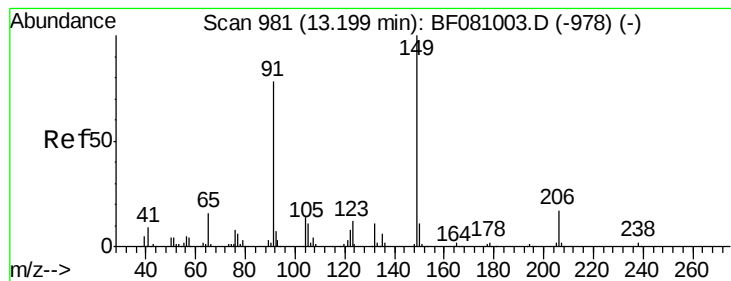


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 3.13 ng

RT: 13.12 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampled :

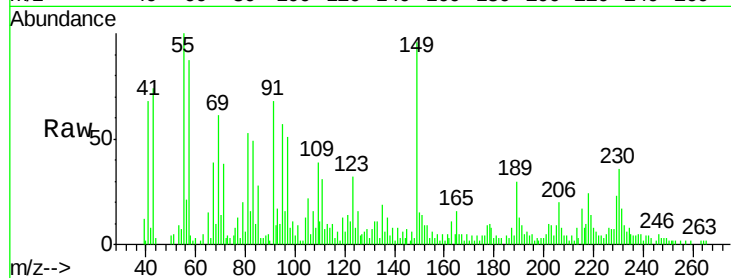
Tot Ion:149 Resp: 17849

Ion Ratio Lower Upper

149 100

91 71.6 46.9 70.3#

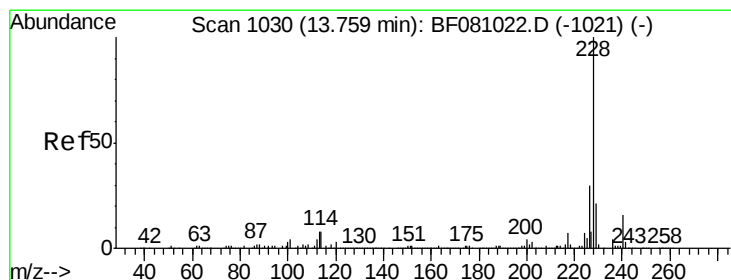
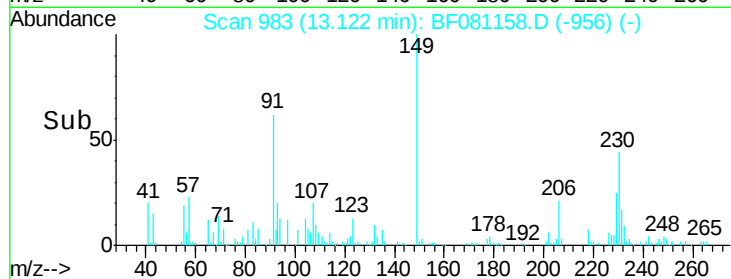
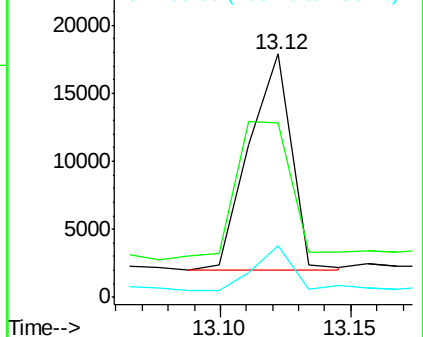
206 21.2 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 59.63 ng

RT: 13.67 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

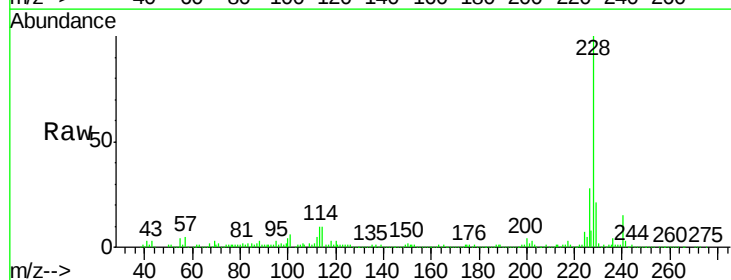
Tgt Ion:228 Resp: 653061

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

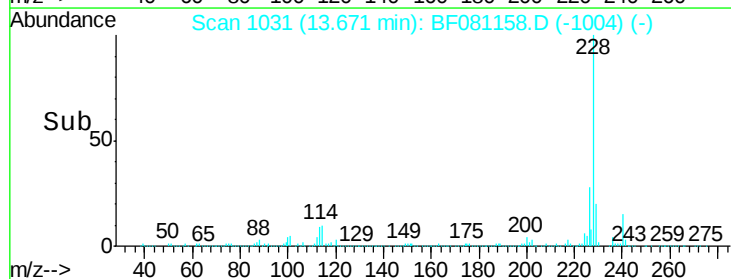
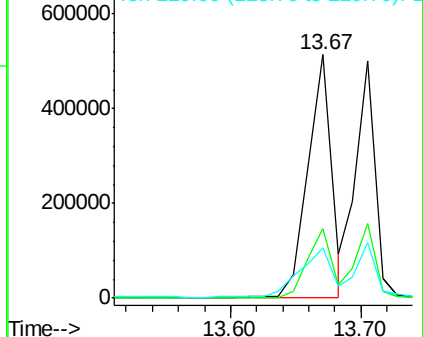
229 20.7 15.9 23.9

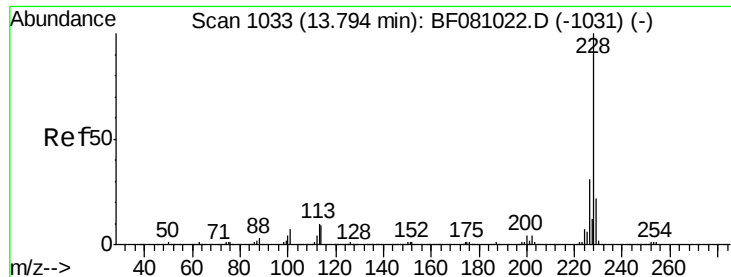


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 66.17 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

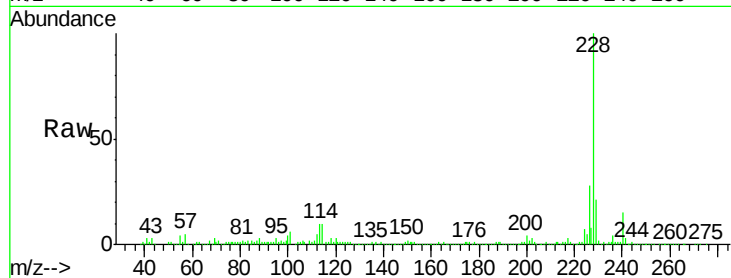
Tot Ion:228 Resp: 653061

Ion Ratio Lower Upper

228 100

226 28.3 24.4 36.6

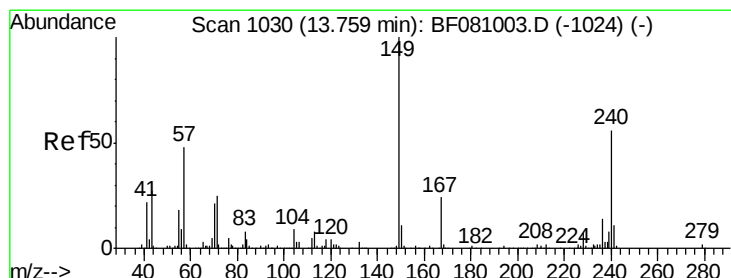
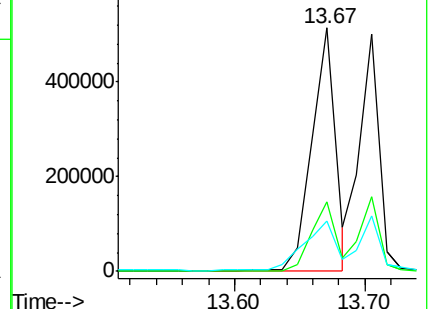
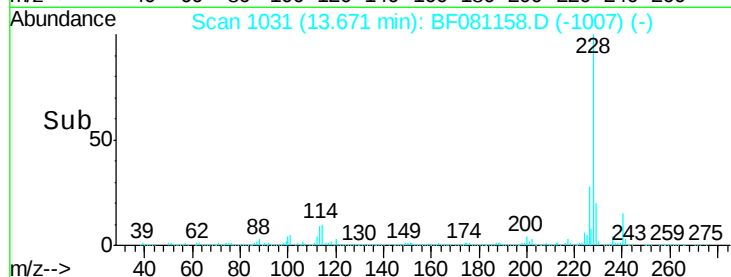
229 20.7 16.0 24.0



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: 4.78 ng

RT: 13.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

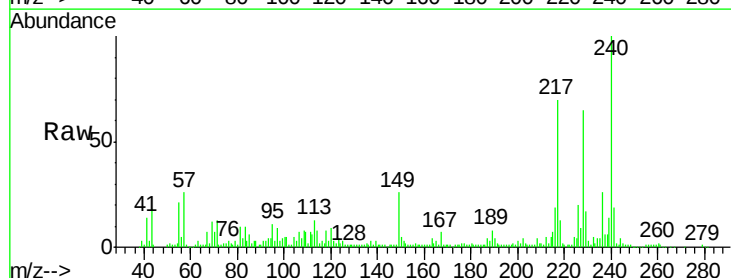
Tgt Ion:149 Resp: 34973

Ion Ratio Lower Upper

149 100

167 26.3 20.7 31.1

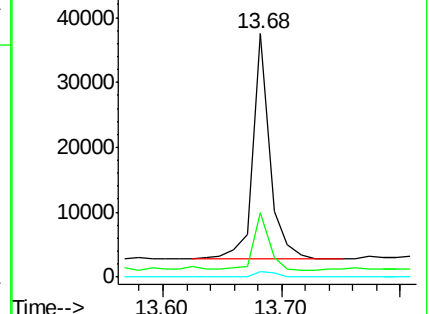
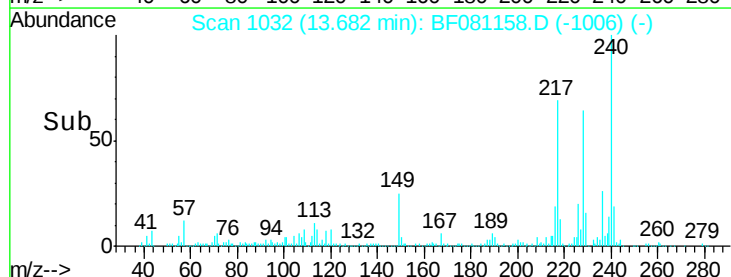
279 2.1 2.2 3.4#

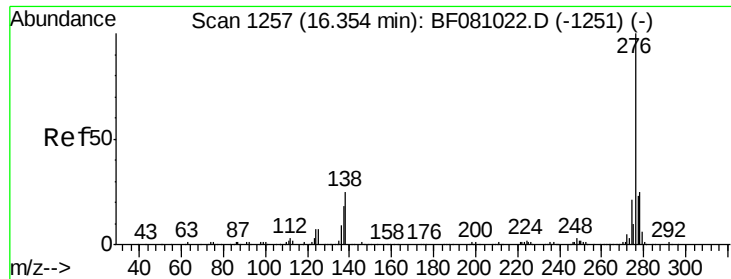


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.60 ng

RT: 16.21 min Scan# 1253

Delta R.T. 0.02 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

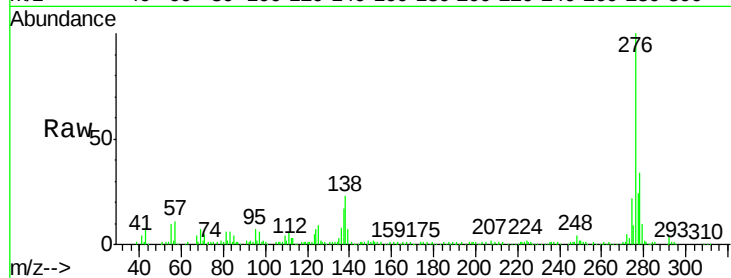
Tot Ion:276 Resp: 246671

Ion Ratio Lower Upper

276 100

138 26.5 18.6 28.0

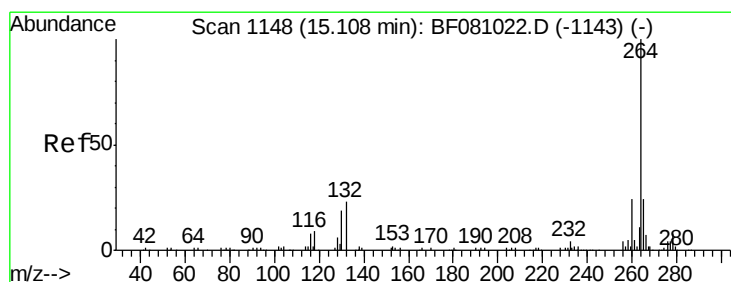
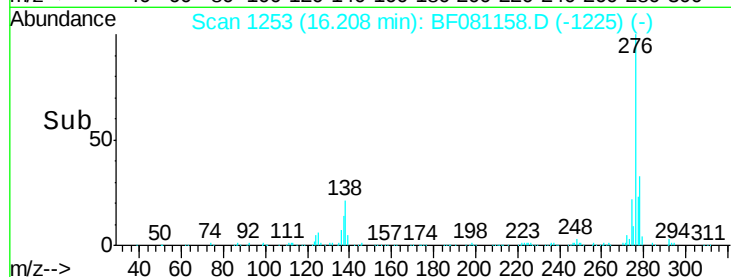
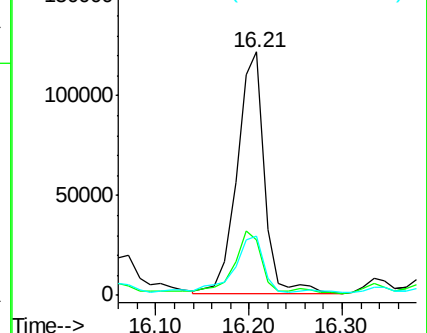
277 27.2 19.8 29.8



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: 15.01 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

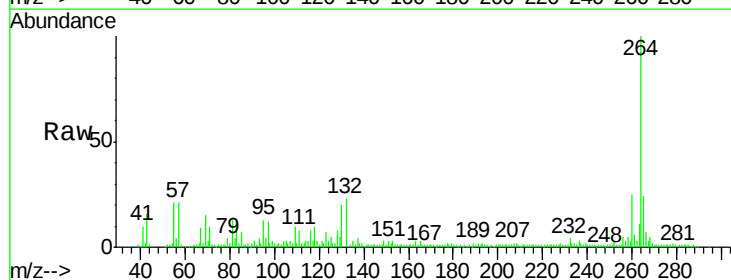
Tgt Ion:264 Resp: 148195

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

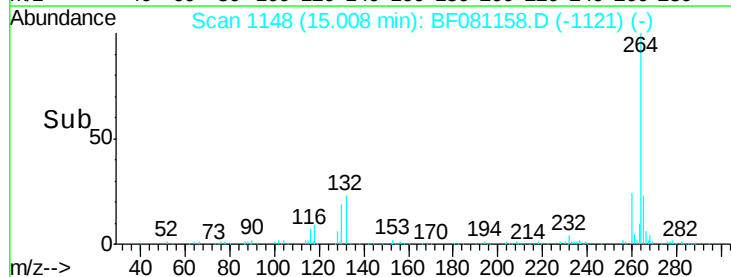
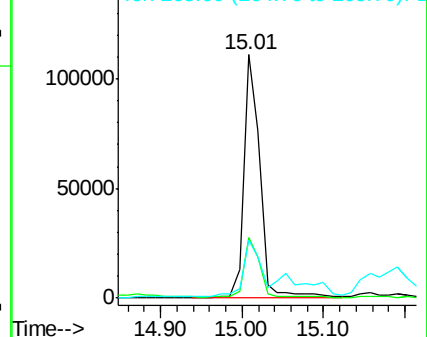
265 24.0 17.5 26.3

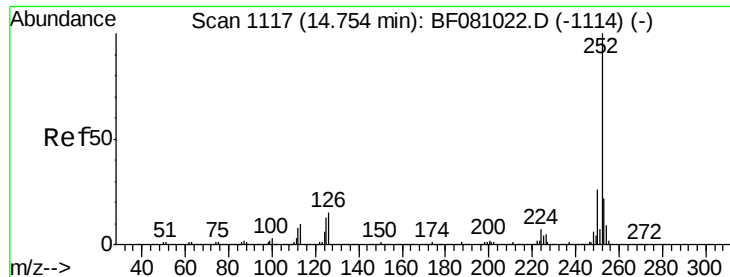


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

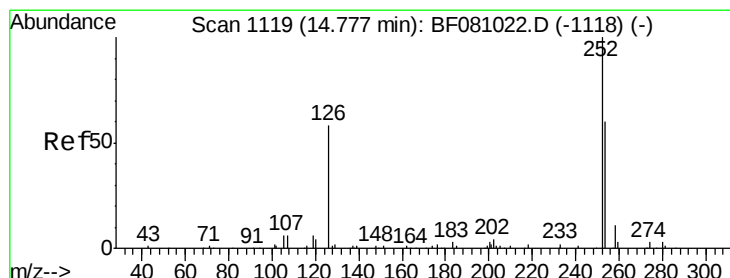
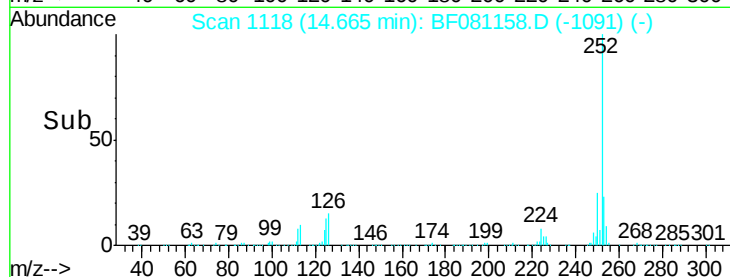
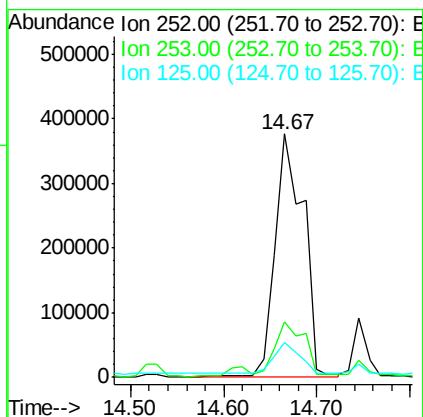
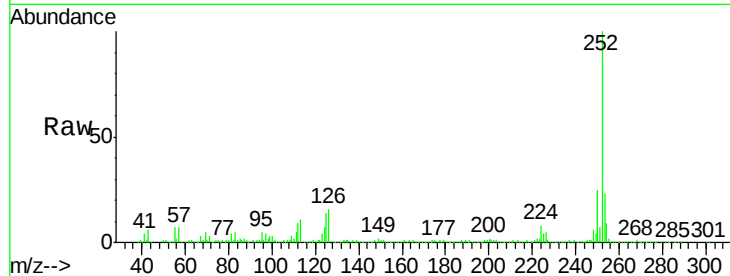




#87
Benzo(b)fluoranthene
Concen: 75.74 ng
RT: 14.67 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

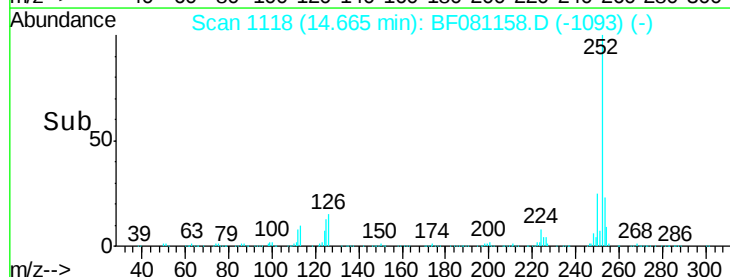
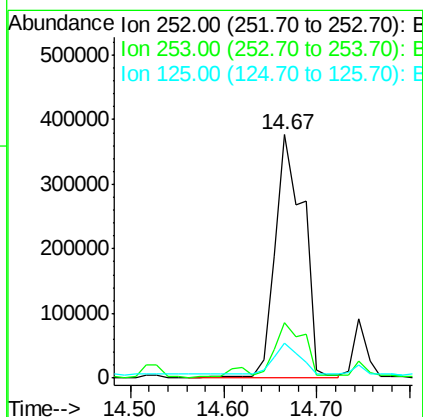
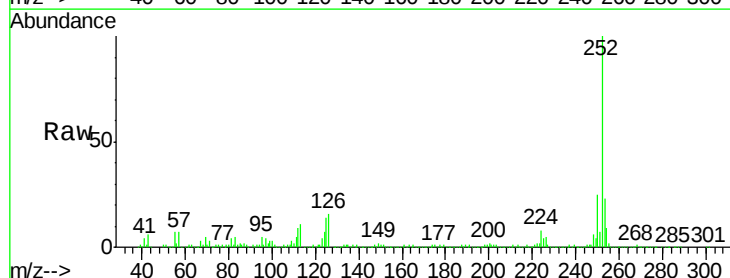
Instrument :
BNA_F
ClientSampleId :

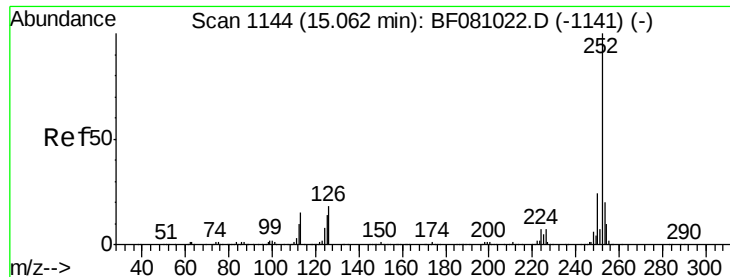
Tot Ion:252 Resp: 793951
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 14.5 8.0 12.0#



#88
Benzo(k)fluoranthene
Concen: 81.28 ng
RT: 14.67 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF081158.D
Acq: 21 Aug 2015 21:50

Tgt Ion:252 Resp: 793951
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 14.5 10.3 15.5





#89

Benzo(a)pyrene

Concen: 42.83 ng

RT: 14.96 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

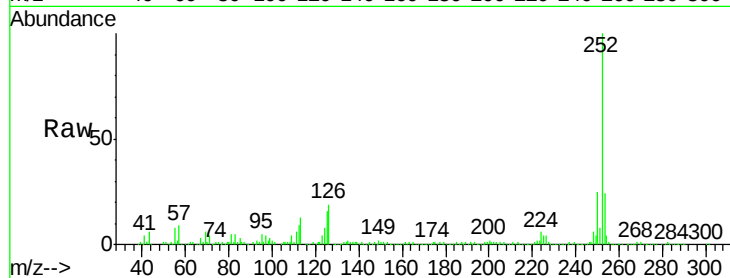
Tot Ion:252 Resp: 391155

Ion Ratio Lower Upper

252 100

253 23.7 16.6 25.0

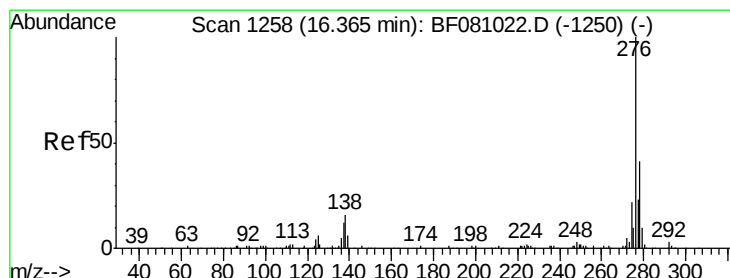
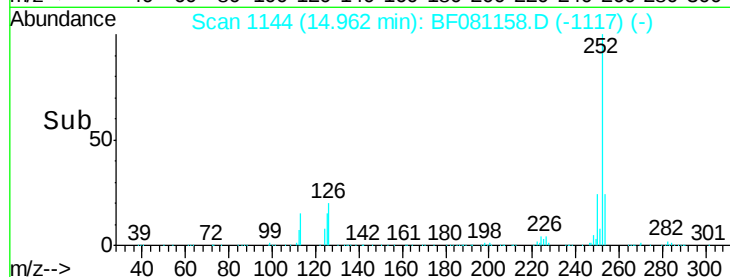
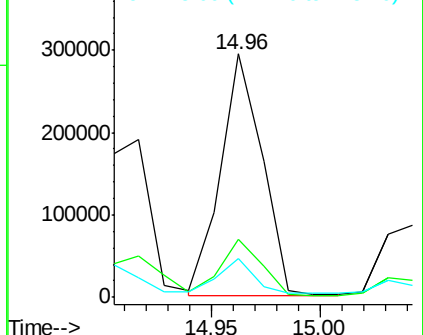
125 16.2 7.8 11.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 12.21 ng

RT: 16.21 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

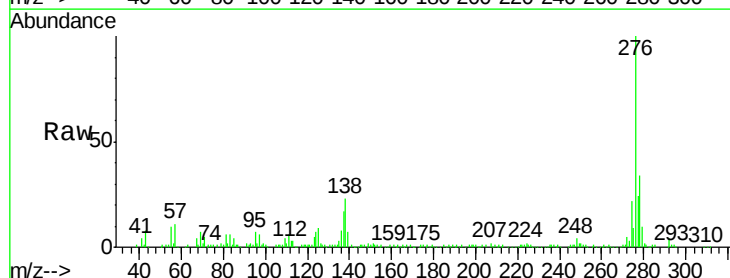
Tgt Ion:278 Resp: 86897

Ion Ratio Lower Upper

278 100

139 20.4 10.8 16.2#

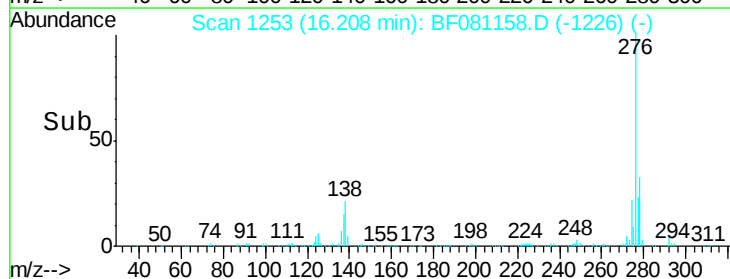
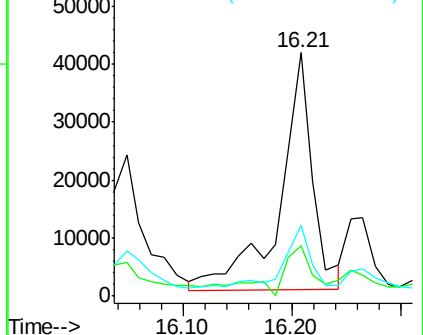
279 28.9 19.0 28.6#

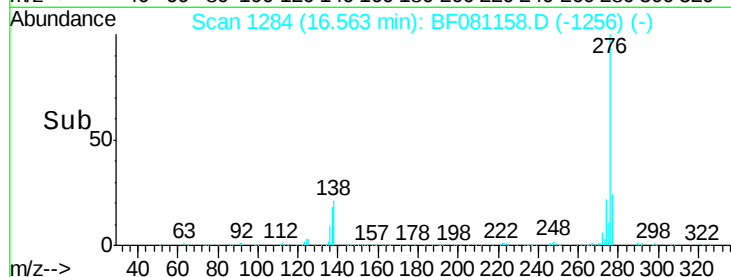
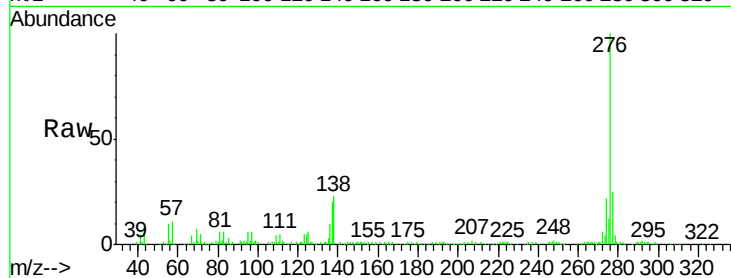
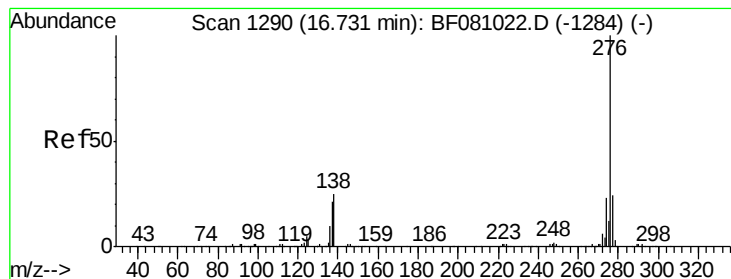


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 28.27 ng

RT: 16.56 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF081158.D

Acq: 21 Aug 2015 21:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 204132

Ion Ratio Lower Upper

276 100

277 25.0 18.2 27.2

138 22.7 13.7 20.5#

