

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078327.D
 Acq On : 8 Apr 2015 7:30
 Operator : TP/IZ
 Sample : G1745-07DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3DDL

Quant Time: Apr 08 07:11:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	35815	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	148277	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	75160	20.00	ng	0.00
63) Phenanthrene-d10	12.51	188	146604	20.00	ng	0.01
75) Chrysene-d12	15.77	240	157420	20.00	ng	0.00
86) Perylene-d12	17.51	264	162197	20.00	ng	0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	42244	19.45	ng	0.01
7) Phenol-d6	6.53	99	54179	19.90	ng	0.01
23) Nitrobenzene-d5	7.63	82	31972	13.07	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	12052	19.33	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	76987	14.64	ng	0.00
78) Terphenyl-d14	14.50	244	90896	13.05	ng	0.00

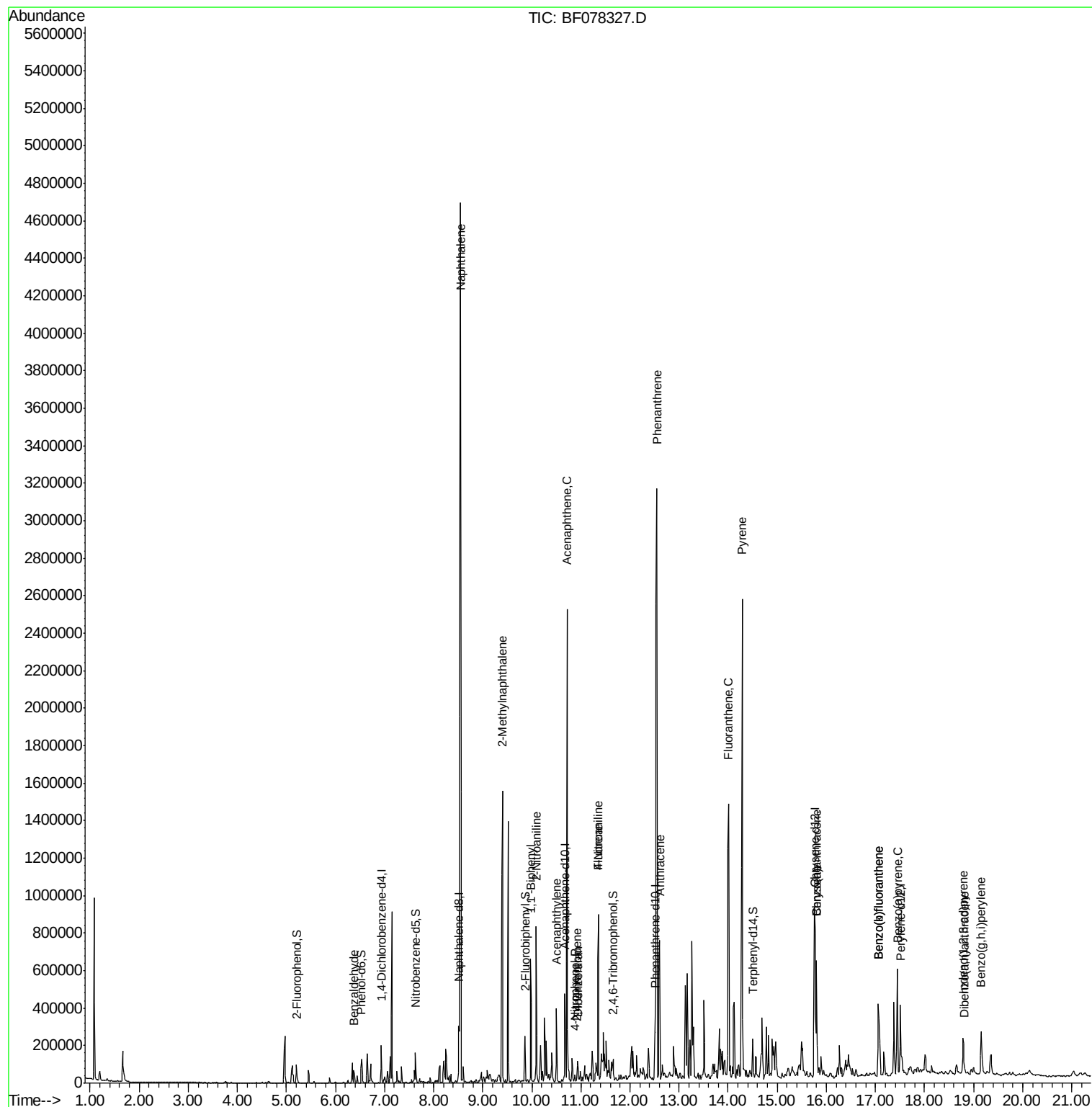
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	3846	2.13	ng	# 1
31) Naphthalene	8.54	128	2752554	356.66	ng	95
37) 2-Methylnaphthalene	9.40	142	582674	111.20	ng	98
45) 1,1'-Biphenyl	9.97	154	277892	45.20	ng	97
47) 2-Nitroaniline	10.09	65	3122	2.61	ng	# 33
48) Acenaphthylene	10.50	152	140438	17.98	ng	98
51) Acenaphthene	10.72	154	578250	131.49	ng	100
54) Dibenzofuran	10.93	168	24147	3.59	ng	# 92
55) 4-Nitrophenol	10.88	139	697	3.46	ng	# 18
56) 2,4-Dinitrotoluene	10.92	165	3516	2.34	ng	# 65
57) Fluorene	11.36	166	376823	69.21	ng	100
61) 4-Nitroaniline	11.36	138	3402	2.55	ng	# 22
70) Phenanthrene	12.55	178	1778698	209.75	ng	98
71) Anthracene	12.60	178	395698	47.35	ng	100
74) Fluoranthene	14.01	202	874302	97.76	ng	92
77) Pyrene	14.28	202	1200021	121.43	ng	97
80) Benzo(a)anthracene	15.80	228	185070	19.76	ng	95
82) Chrysene	15.80	228	265719	30.20	ng	99
85) Indeno(1,2,3-cd)pyrene	18.79	276	138328	13.85	ng	95
87) Benzo(b)fluoranthene	17.06	252	337154	33.63	ng	# 96
88) Benzo(k)fluoranthene	17.06	252	326650	36.67	ng	97
89) Benzo(a)pyrene	17.45	252	316216	36.15	ng	98
90) Dibenzo(a,h)anthracene	18.81	278	22821	2.61	ng	# 94
91) Benzo(g,h,i)perylene	19.15	276	167221	19.04	ng	97

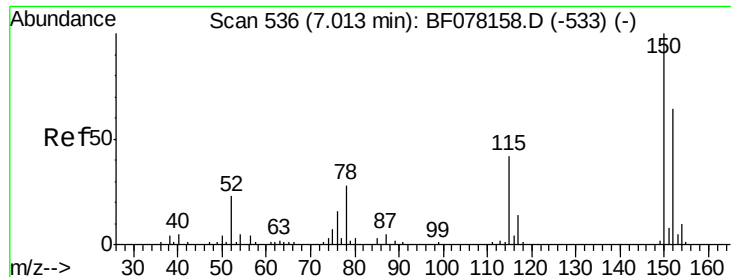
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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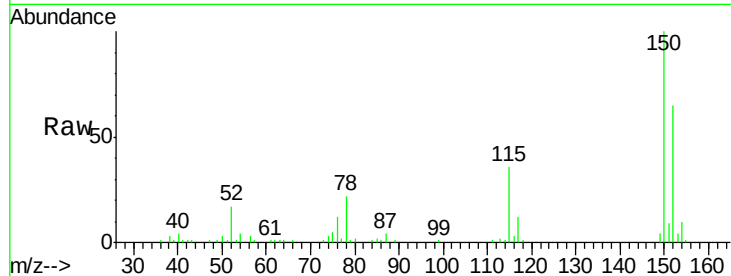




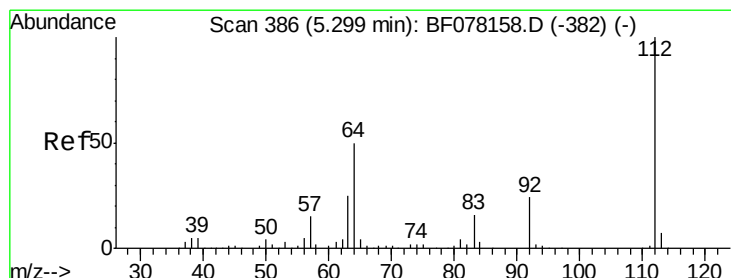
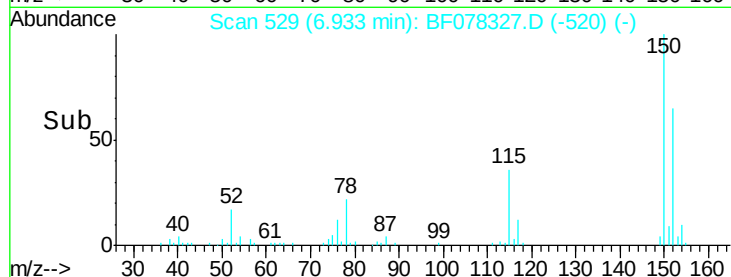
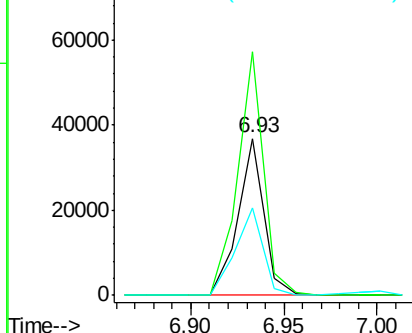
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-3DDL

Tgt Ion:152 Resp: 35815
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.9 188.9
 115 55.9 52.7 79.1

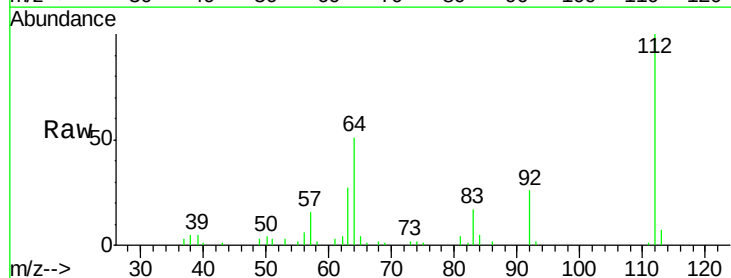


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

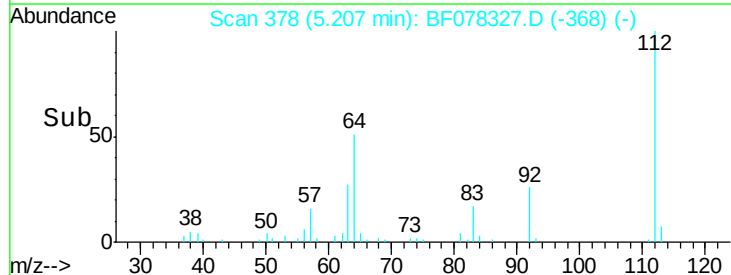
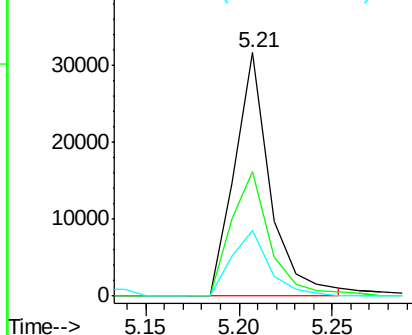


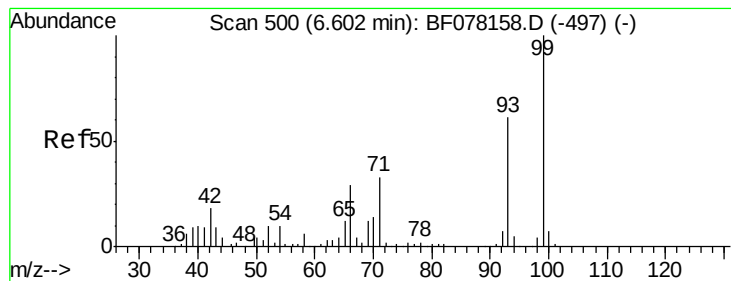
#5
 2-Fluorophenol
 Concen: 19.45 ng
 RT: 5.21 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

Tgt Ion:112 Resp: 42244
 Ion Ratio Lower Upper
 112 100
 64 51.2 39.9 59.9
 63 26.8 20.2 30.4



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: 19.90 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-3DDL

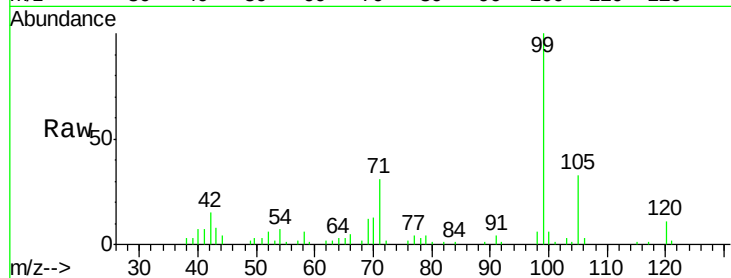
Tgt Ion: 99 Resp: 54179

Ion Ratio Lower Upper

99 100

42 14.5 14.8 22.2#

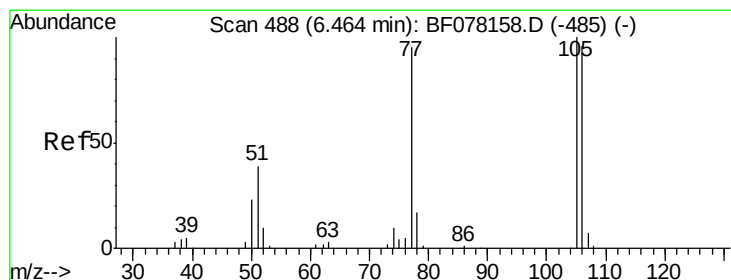
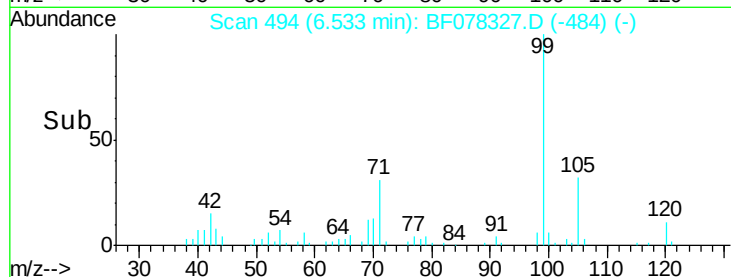
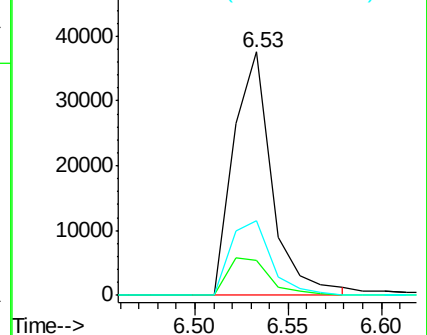
71 30.5 26.6 39.8



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



#9

Benzaldehyde

Concen: 2.13 ng

RT: 6.37 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

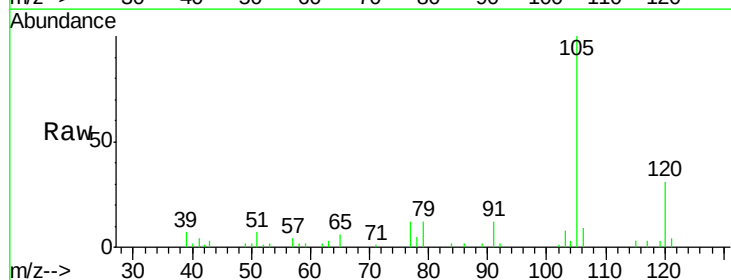
Tgt Ion: 77 Resp: 3846

Ion Ratio Lower Upper

77 100

105 813.2 85.4 125.4#

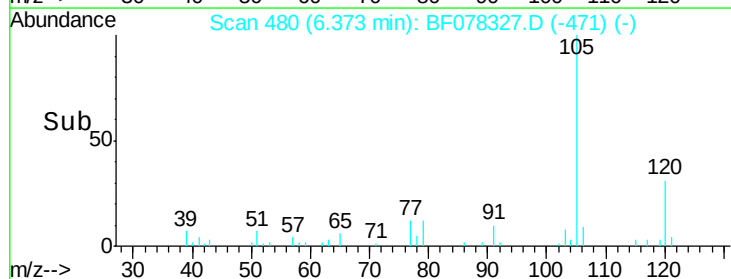
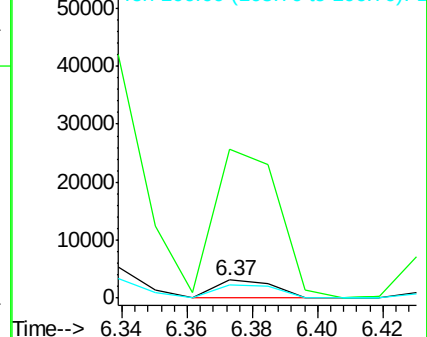
106 73.7 80.8 120.8#

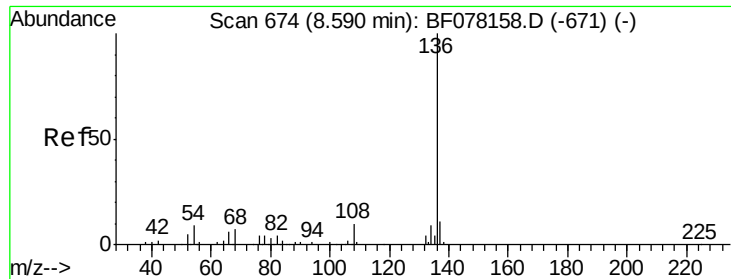


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

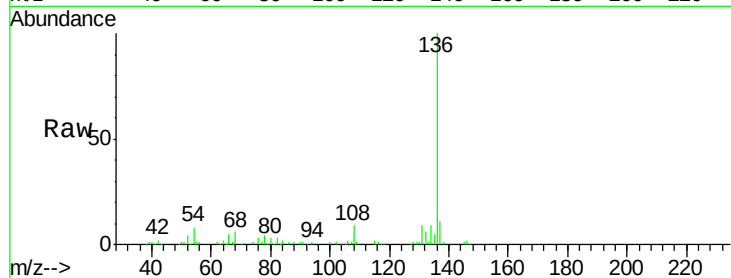




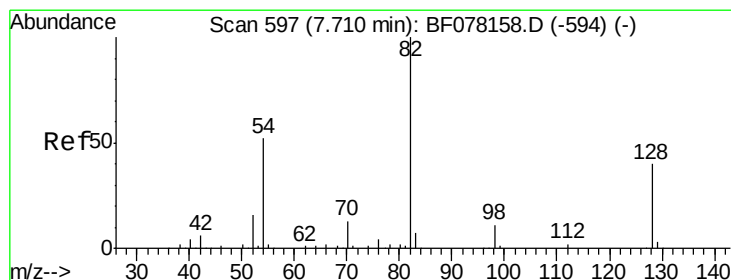
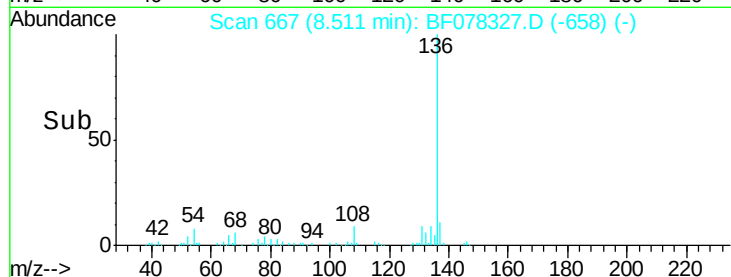
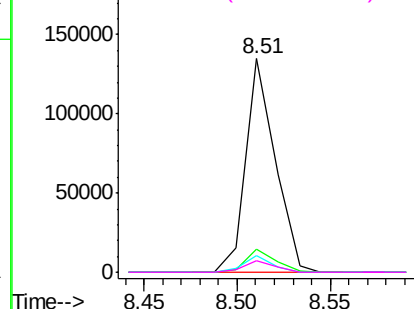
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-3DDL

Tgt Ion:	136	Resp:	148277
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.6	7.0	10.6
68	5.6	5.4	8.2

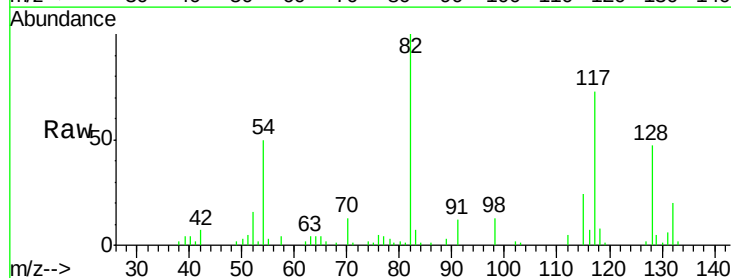


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

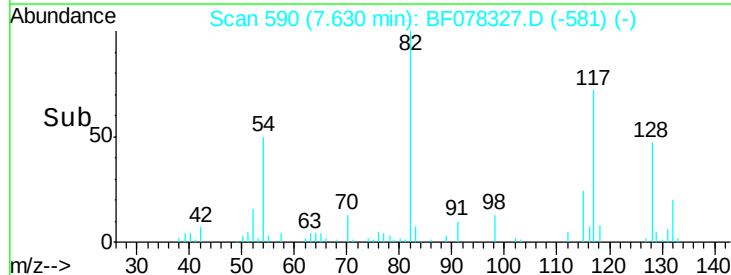
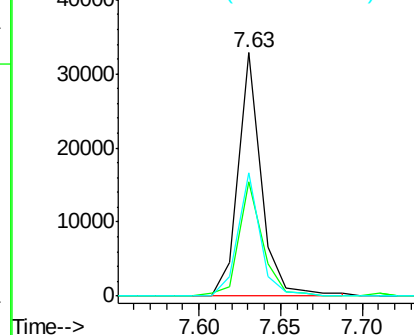


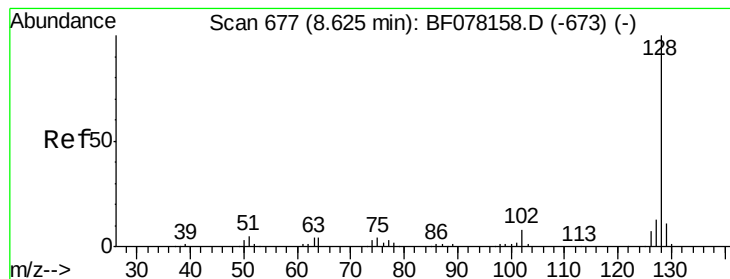
#23
Nitrobenzene-d5
Concen: 13.07 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:	82	Resp:	31972
Ion	Ratio	Lower	Upper
82	100		
128	46.8	31.8	47.8
54	50.5	41.5	62.3



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: 356.66 ng

RT: 8.54 min Scan# 670

Delta R.T. 0.01 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-3DDL

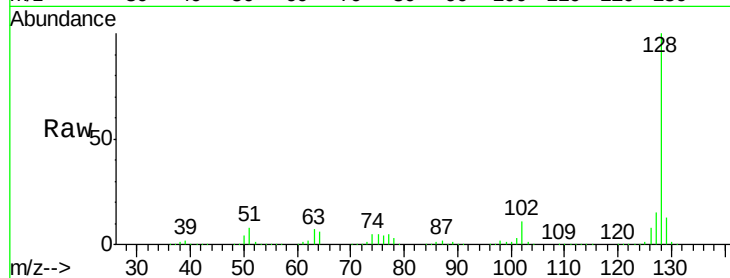
Tgt Ion:128 Resp: 2752554

Ion Ratio Lower Upper

128 100

129 12.8 8.6 12.8

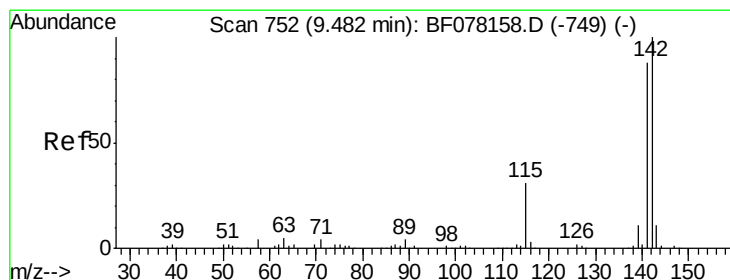
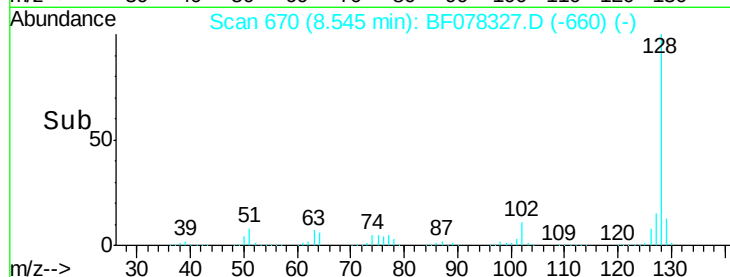
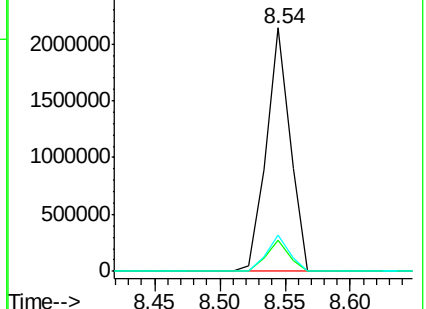
127 15.0 10.7 16.1



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



#37

2-Methylnaphthalene

Concen: 111.20 ng

RT: 9.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

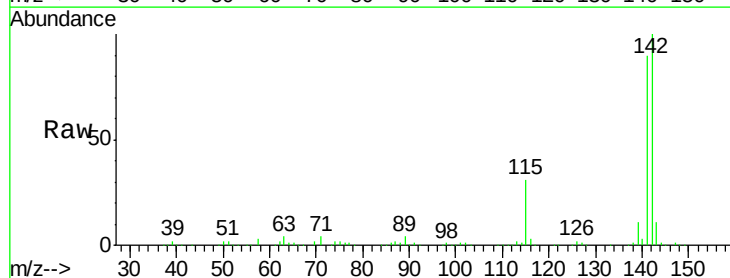
Tgt Ion:142 Resp: 582674

Ion Ratio Lower Upper

142 100

141 89.8 70.3 105.5

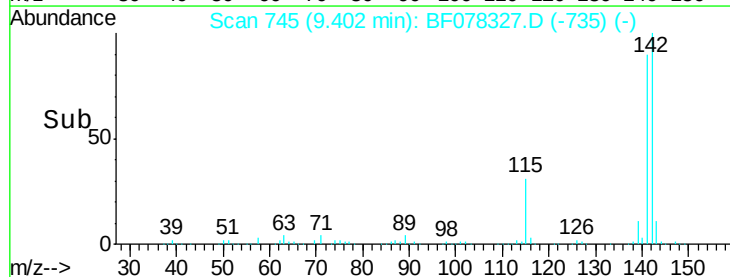
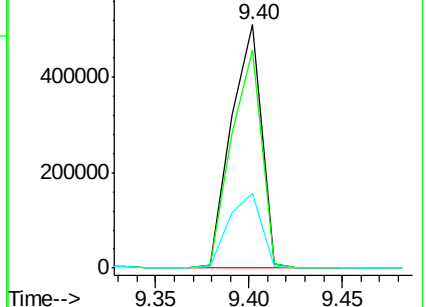
115 30.9 24.6 37.0

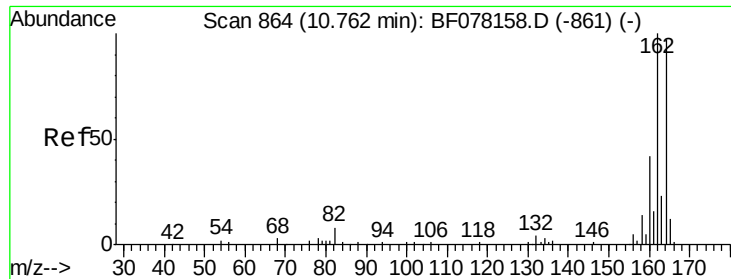


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

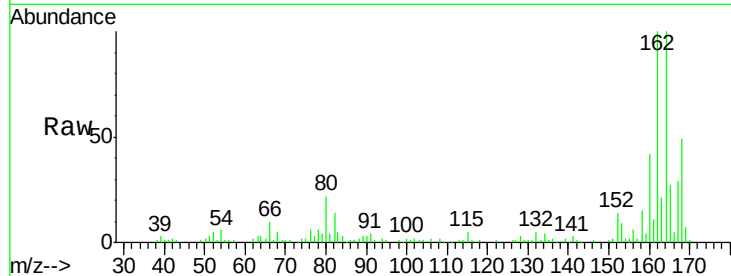




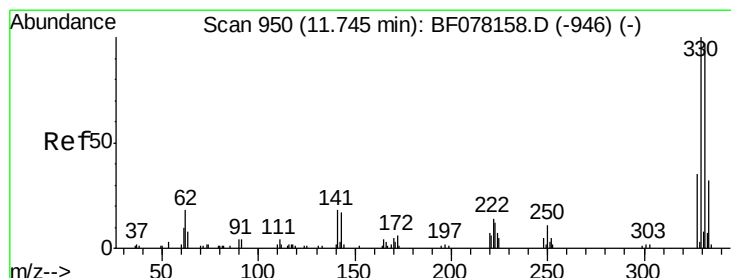
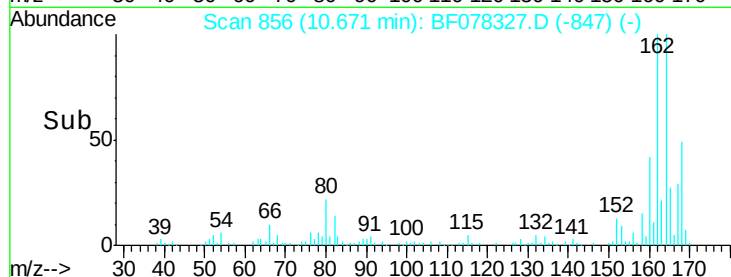
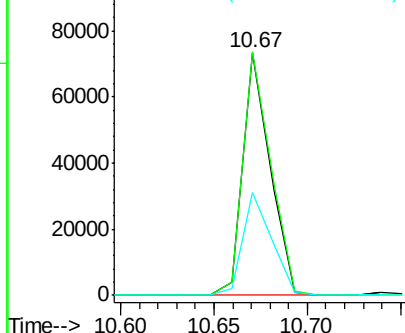
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

Instrument :
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Tgt Ion:164 Resp: 75160
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.2 123.2
 160 42.4 34.7 52.1

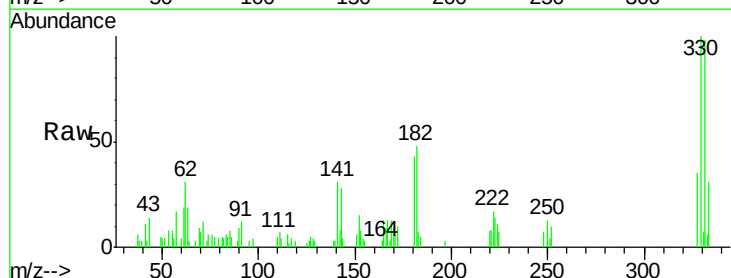


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

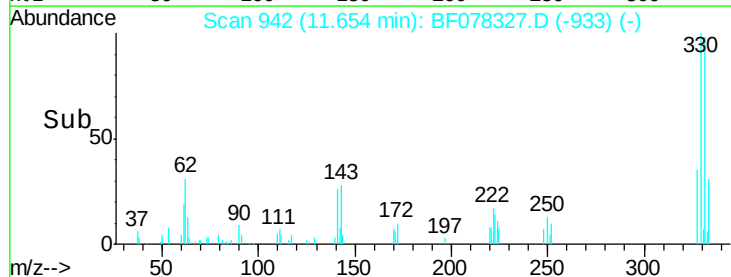
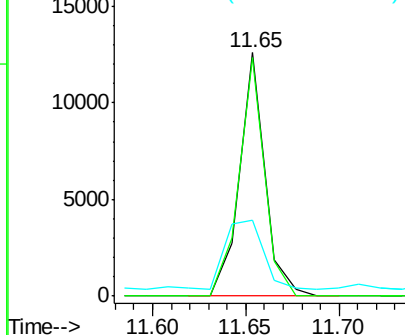


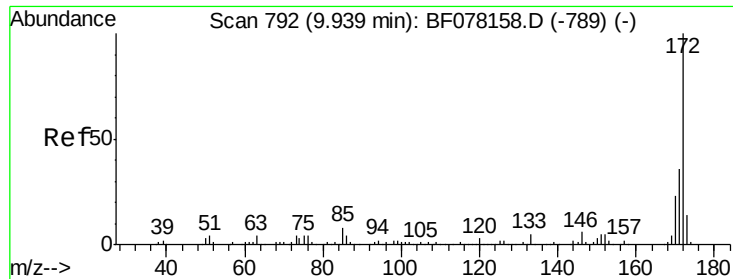
#41
 2,4,6-Tribromophenol
 Concen: 19.33 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

Tgt Ion:330 Resp: 12052
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.6 117.8
 141 41.9 31.2 46.8



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

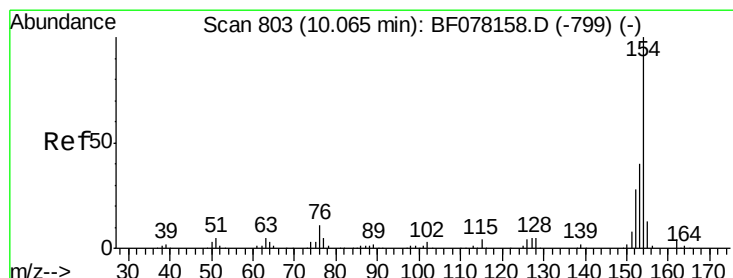
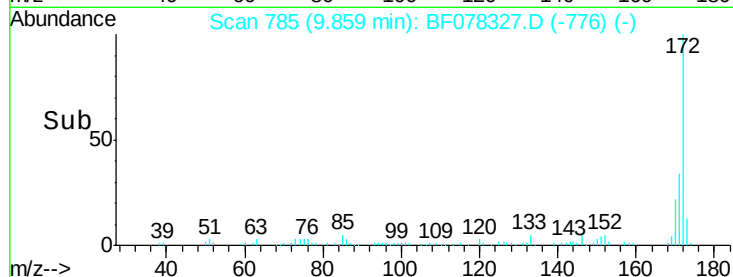
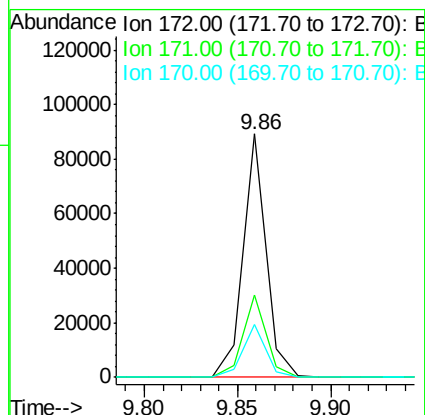
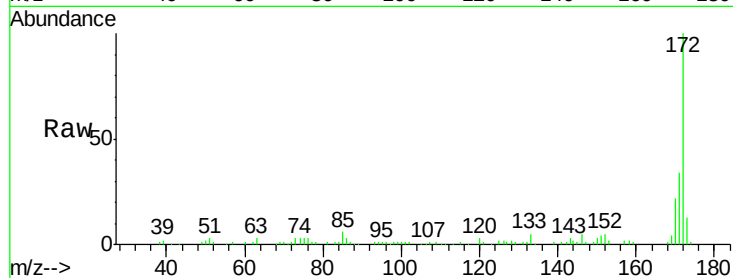




#44
 2-Fluorobiphenyl
 Concen: 14.64 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

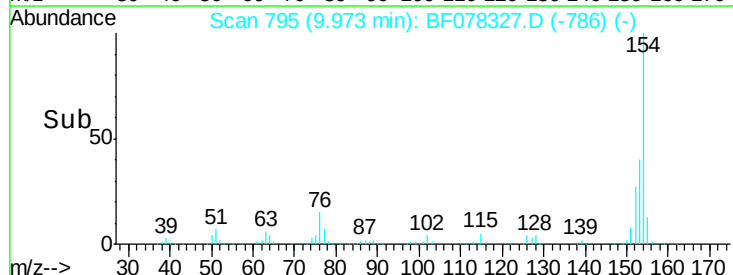
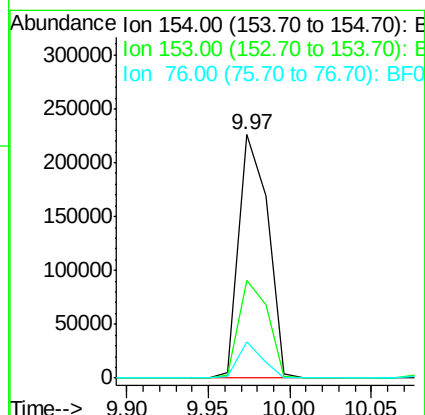
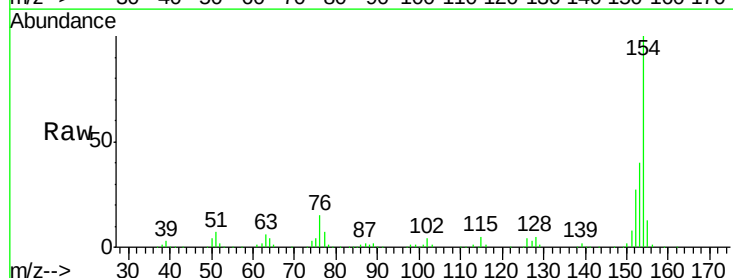
Instrument :
 BNA_F
 ClientSampleId :
 SB-3DDL

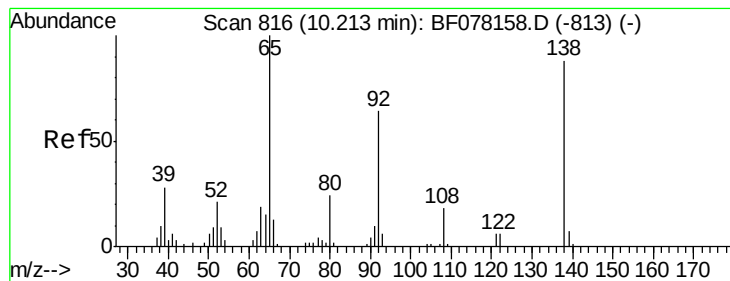
Tgt Ion:172 Resp: 76987
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.6 42.8
 170 21.9 18.5 27.7



#45
 1,1'-Biphenyl
 Concen: 45.20 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

Tgt Ion:154 Resp: 277892
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.0 60.0
 76 15.1 0.0 30.6





#47

2-Nitroaniline

Concen: 2.61 ng

RT: 10.09 min Scan# 805

Delta R.T. -0.05 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-3DDL

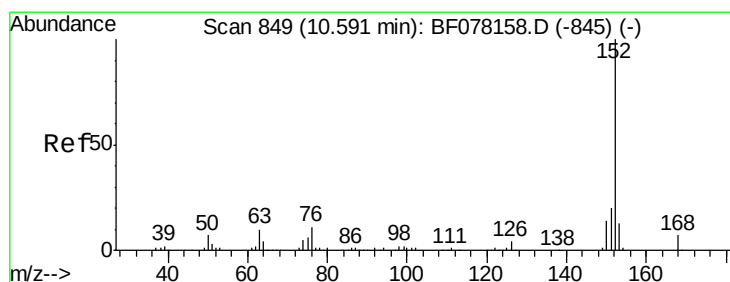
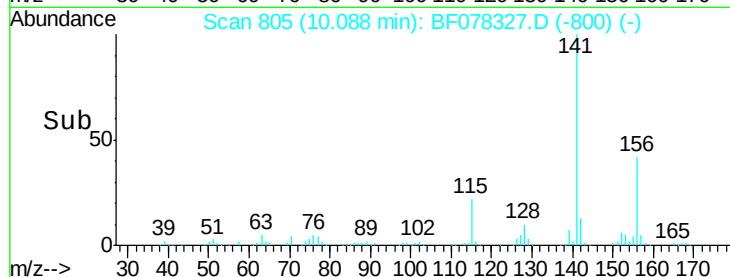
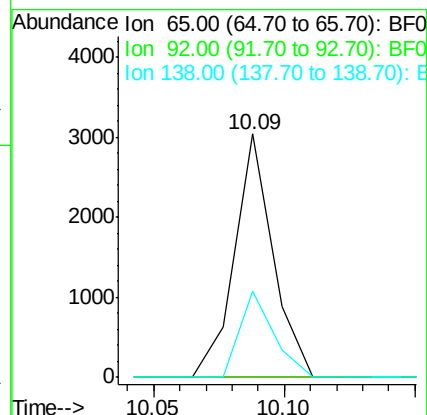
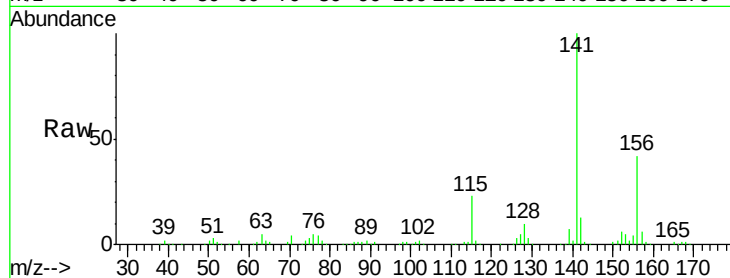
Tgt Ion: 65 Resp: 3122

Ion Ratio Lower Upper

65 100

92 0.0 51.3 76.9#

138 35.2 70.4 105.6#



#48

Acenaphthylene

Concen: 17.98 ng

RT: 10.50 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

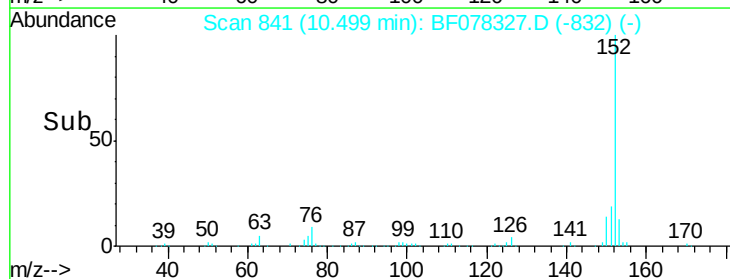
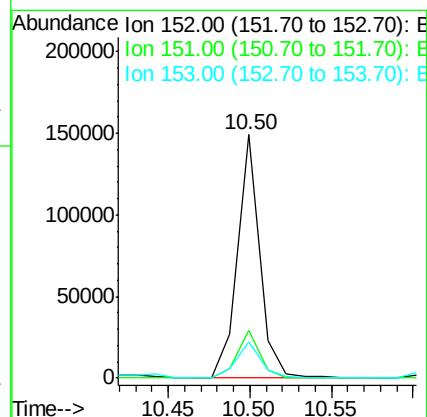
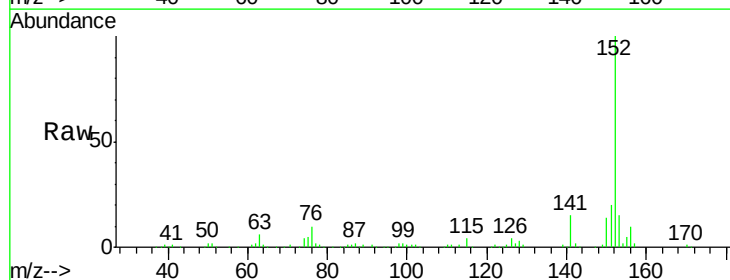
Tgt Ion: 152 Resp: 140438

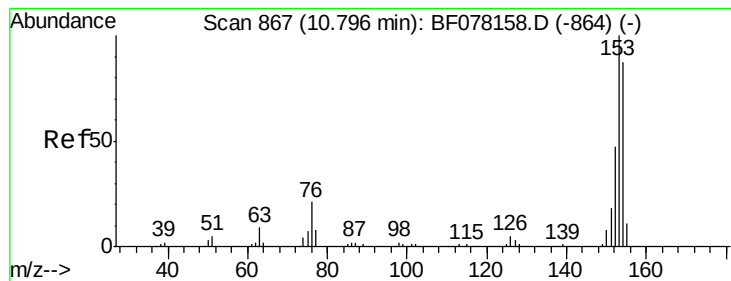
Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 14.9 10.2 15.2





#51

Acenaphthene

Concen: 131.49 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-3DDL

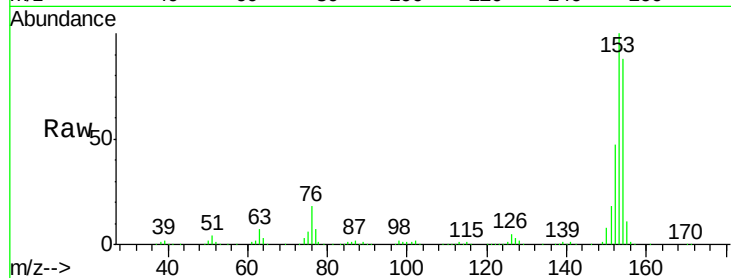
Tgt Ion:154 Resp: 578250

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

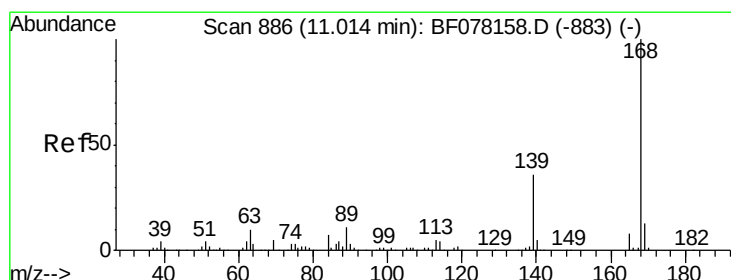
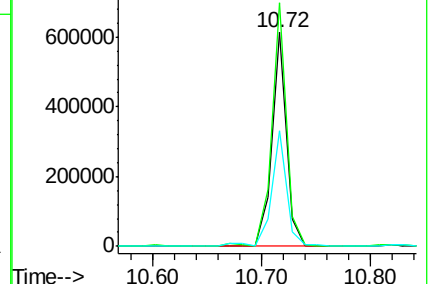
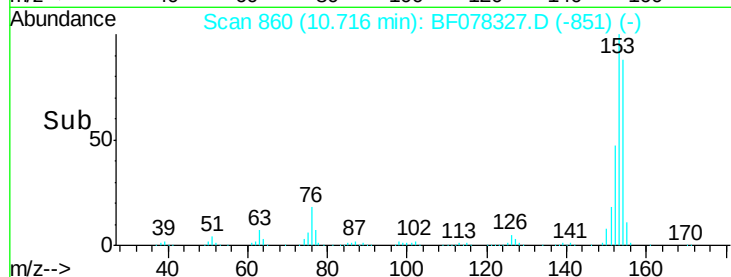
152 53.9 43.0 64.6



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: 3.59 ng

RT: 10.93 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

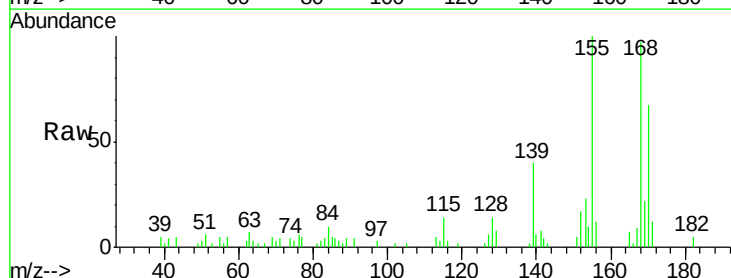
Tgt Ion:168 Resp: 24147

Ion Ratio Lower Upper

168 100

139 40.9 31.0 46.4

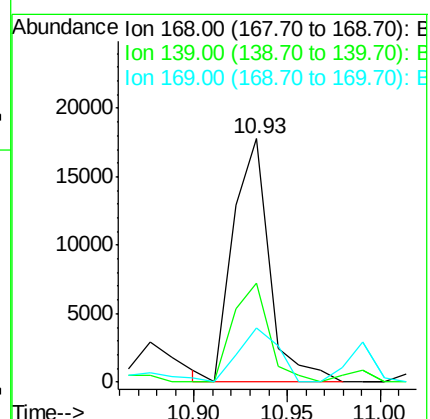
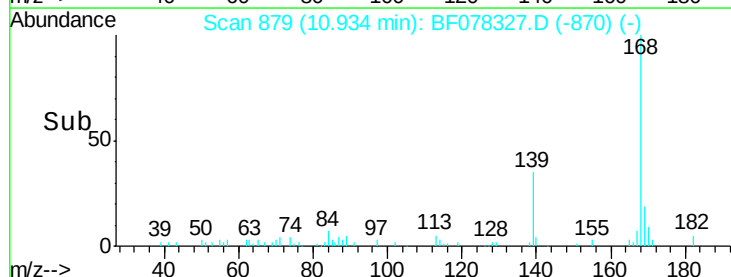
169 22.3 10.7 16.1#

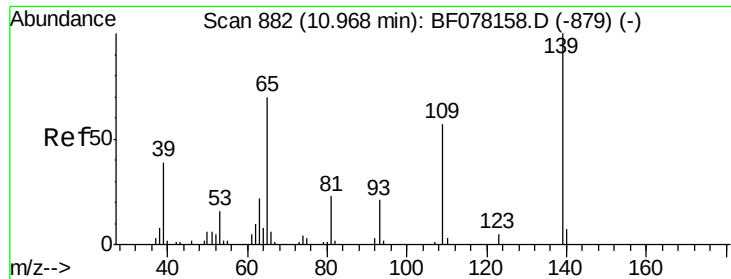


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

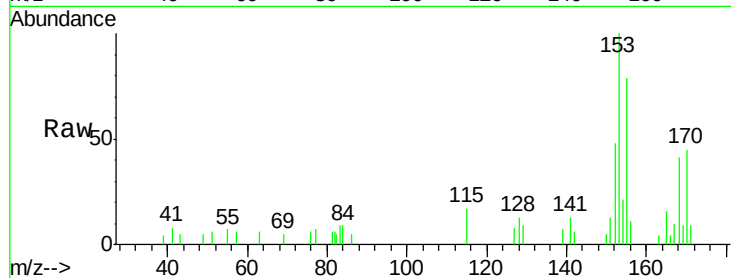




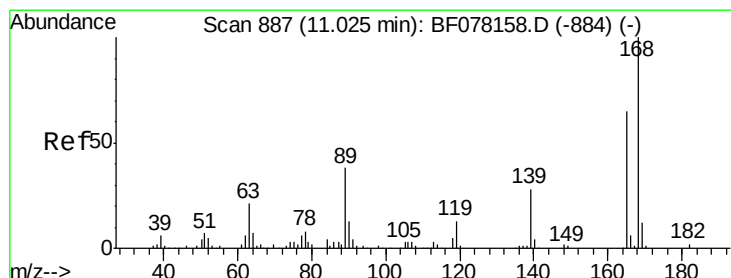
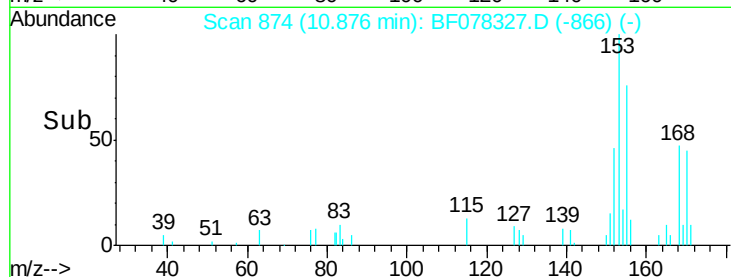
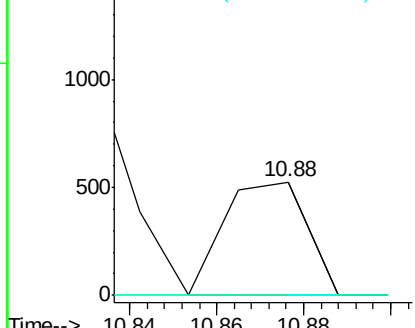
#55
4-Nitrophenol
Concen: 3.46 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Instrument :
BNA_F
ClientSampled :
SB-3DDL

Tgt Ion:139 Resp: 697
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#

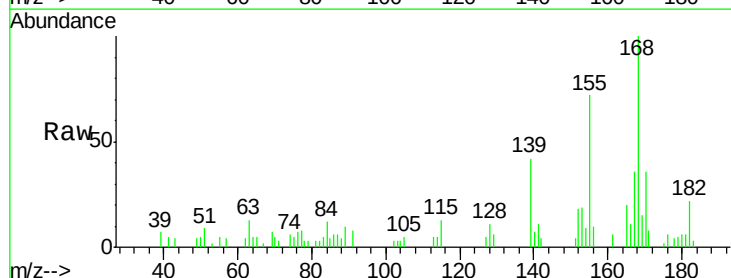


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

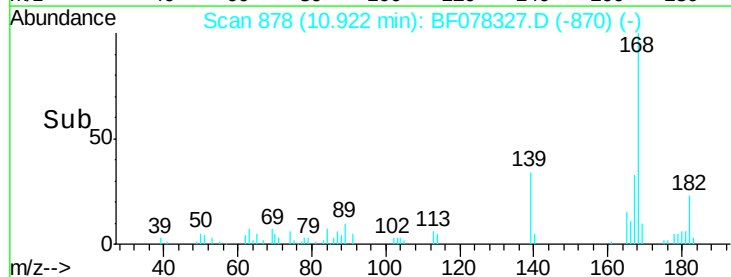
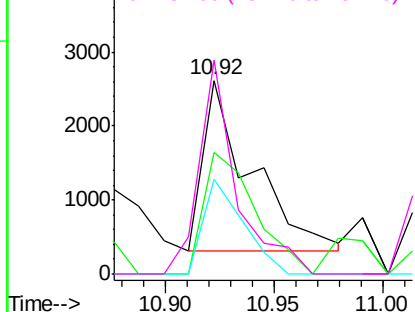


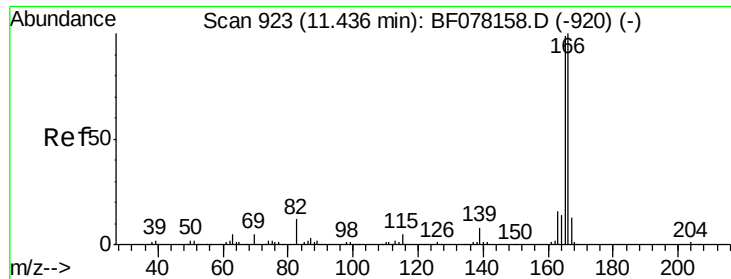
#56
2,4-Dinitrotoluene
Concen: 2.34 ng
RT: 10.92 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:165 Resp: 3516
Ion Ratio Lower Upper
165 100
63 62.9 26.5 39.7#
89 48.5 46.4 69.6
182 110.1 2.0 3.0#



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

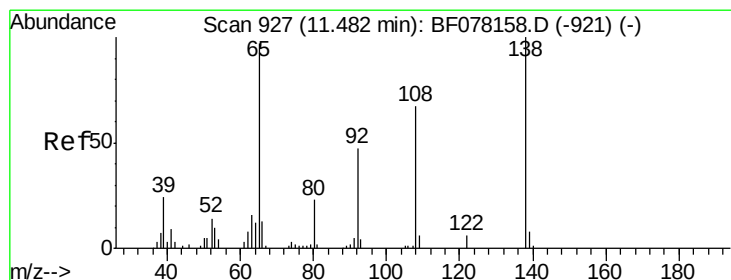
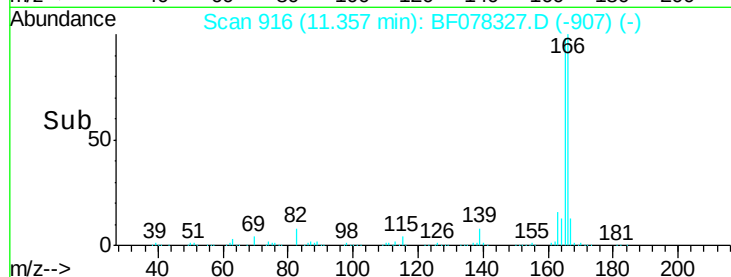
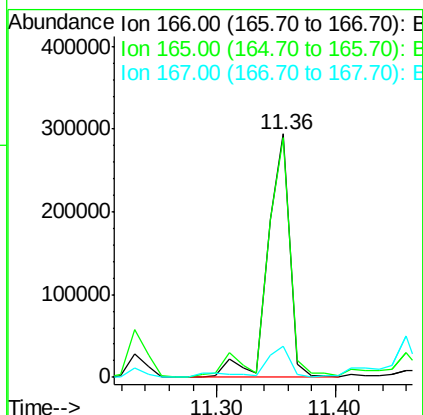
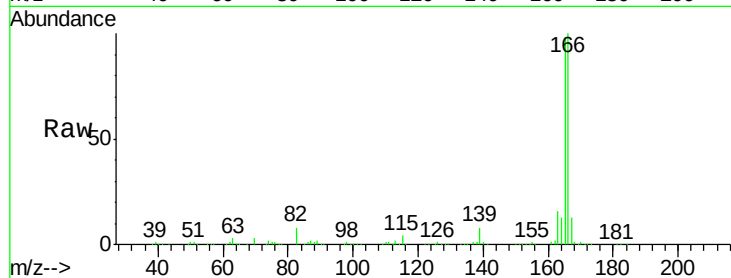




#57
Fluorene
Concen: 69.21 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

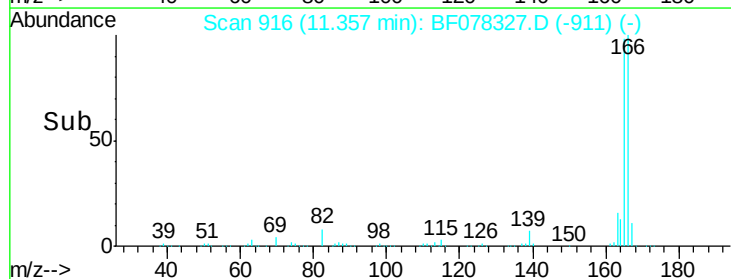
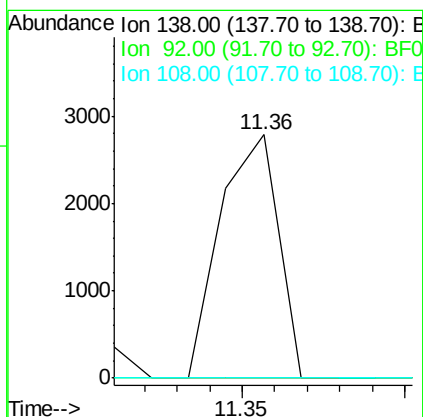
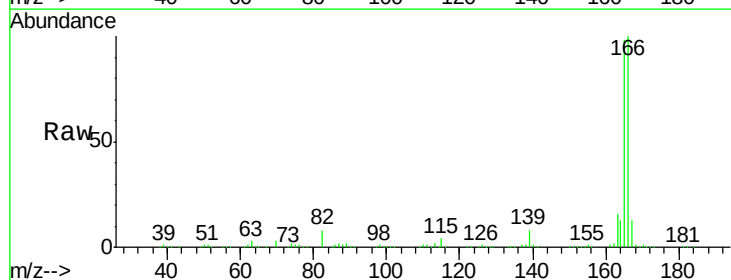
Instrument :
BNA_F
ClientSampleId :
SB-3DDL

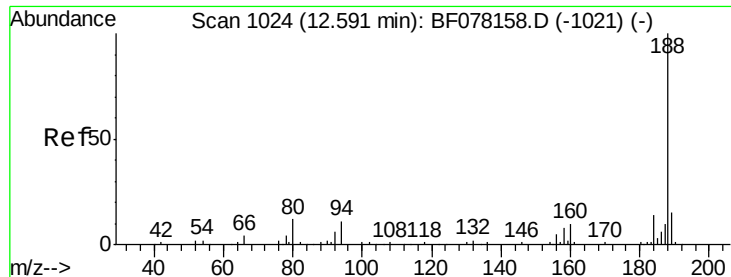
Tgt Ion:166 Resp: 376823
Ion Ratio Lower Upper
166 100
165 98.3 78.9 118.3
167 12.9 10.7 16.1



#61
4-Nitroaniline
Concen: 2.55 ng
RT: 11.36 min Scan# 916
Delta R.T. -0.05 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion:138 Resp: 3402
Ion Ratio Lower Upper
138 100
92 0.0 27.3 67.3#
108 0.0 47.2 87.2#

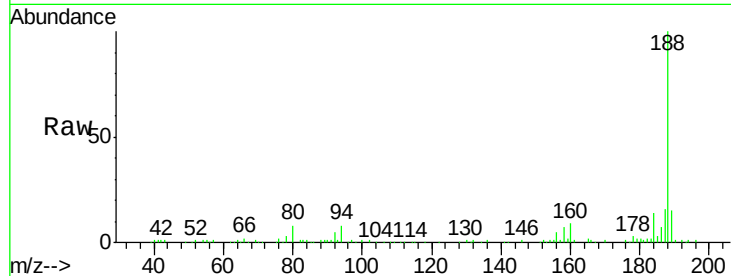




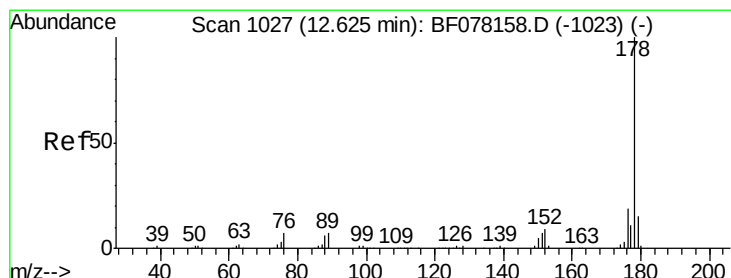
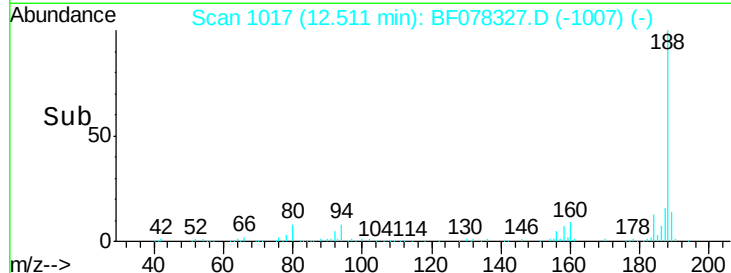
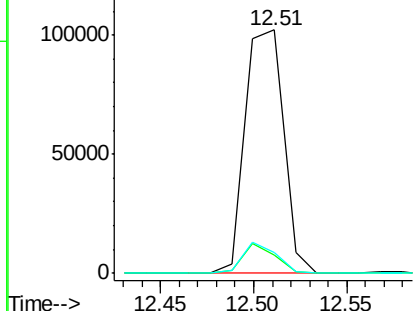
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-3DDL

Tgt Ion:188 Resp: 146604
 Ion Ratio Lower Upper
 188 100
 94 7.5 9.0 13.4#
 80 8.4 9.5 14.3#

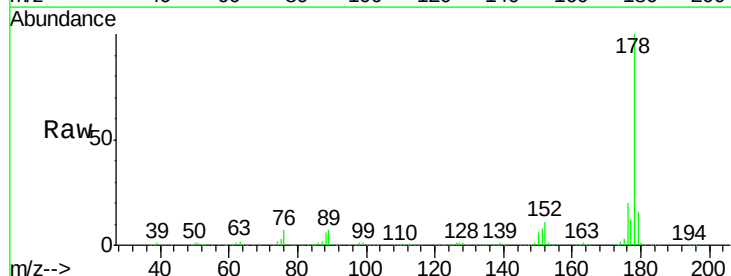


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

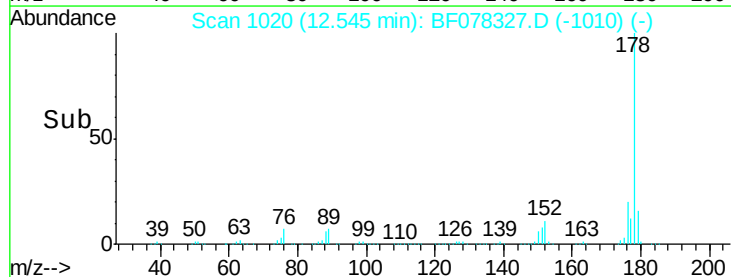
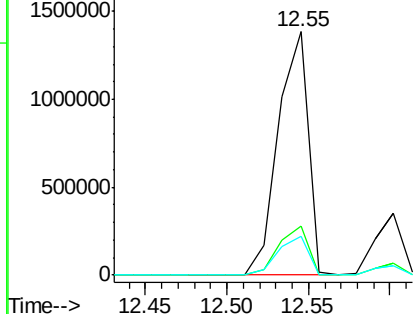


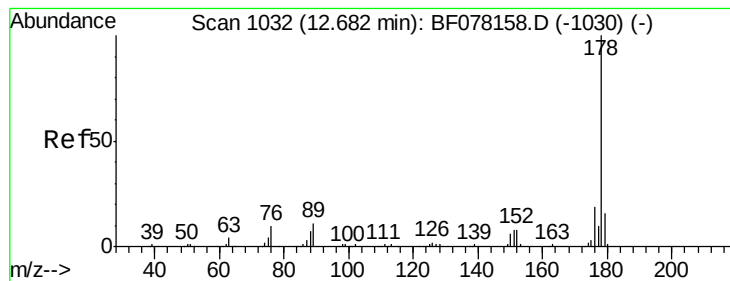
#70
 Phenanthrene
 Concen: 209.75 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

Tgt Ion:178 Resp: 1778698
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.0
 179 15.8 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: 47.35 ng

RT: 12.60 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampled :

SB-3DDL

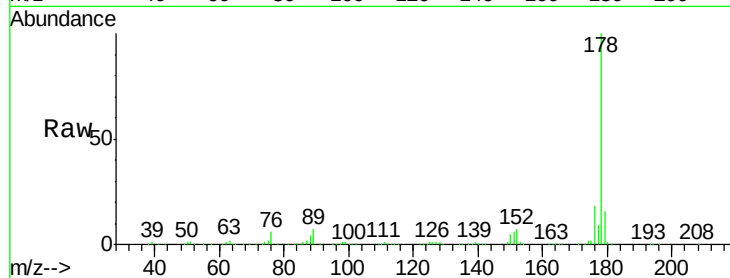
Tgt Ion:178 Resp: 395698

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

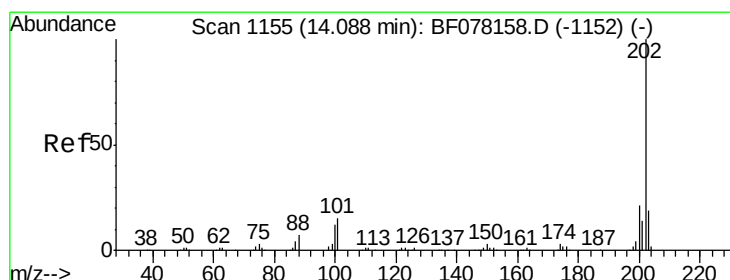
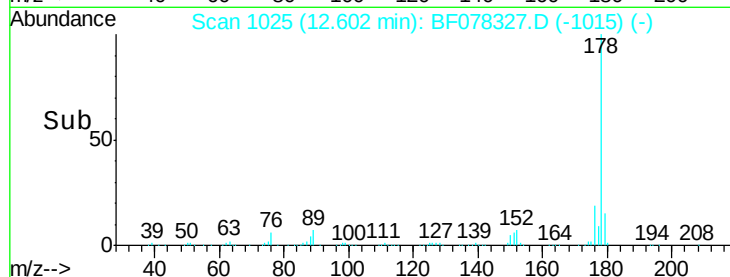
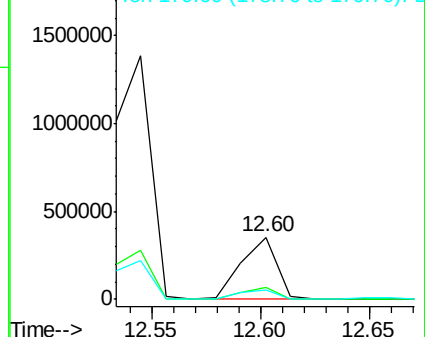
179 15.7 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 97.76 ng

RT: 14.01 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

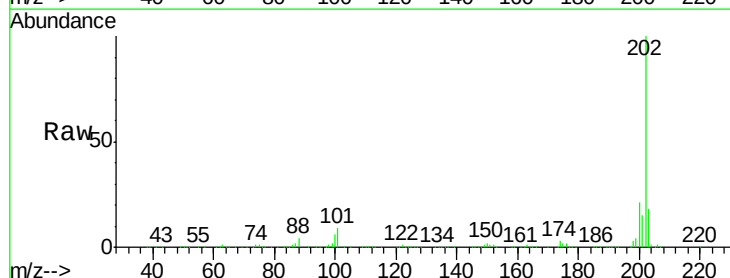
Tgt Ion:202 Resp: 874302

Ion Ratio Lower Upper

202 100

101 8.6 0.0 35.2

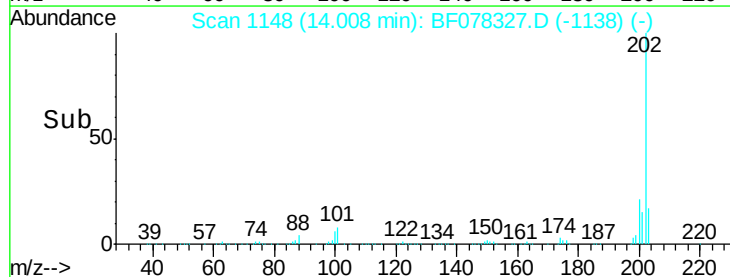
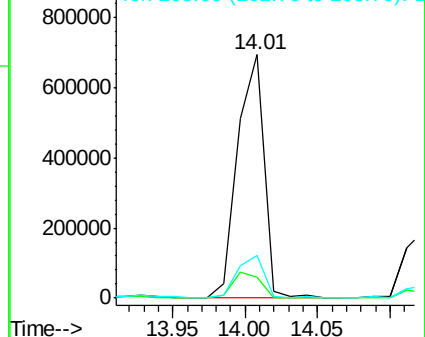
203 17.5 0.0 38.5

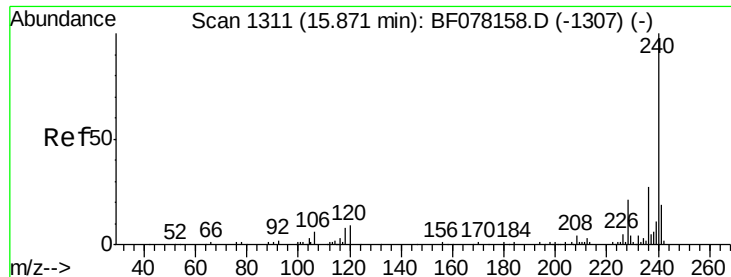


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.77 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-3DDL

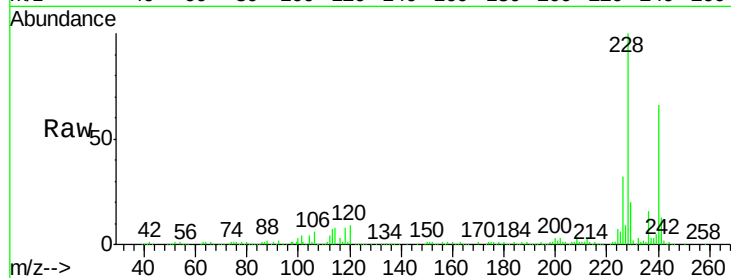
Tgt Ion:240 Resp: 157420

Ion Ratio Lower Upper

240 100

120 14.5 7.1 10.7#

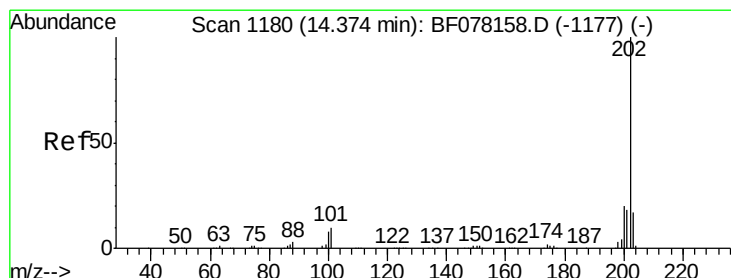
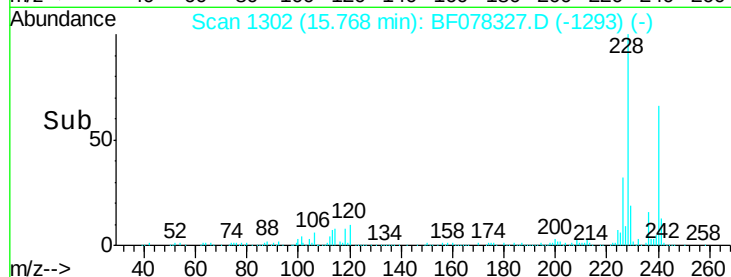
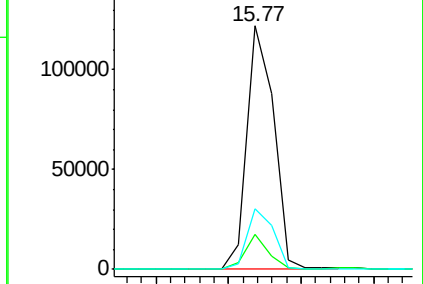
236 25.1 21.4 32.2



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: 121.43 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

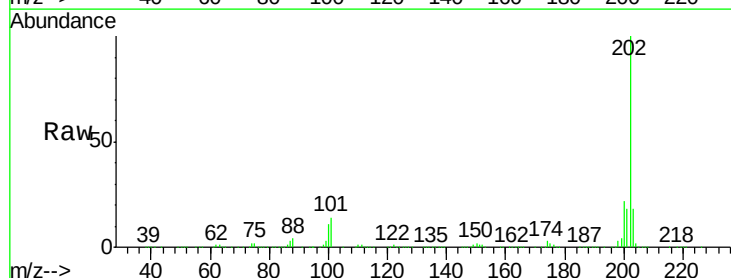
Tgt Ion:202 Resp: 1200021

Ion Ratio Lower Upper

202 100

200 21.7 16.3 24.5

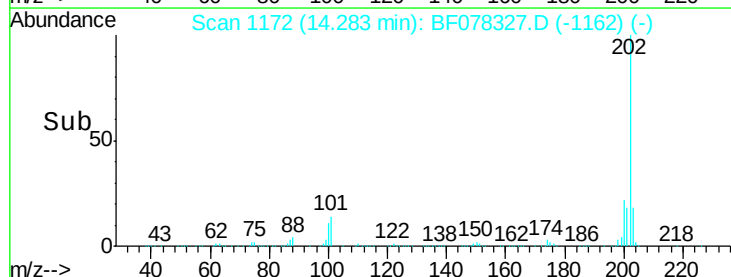
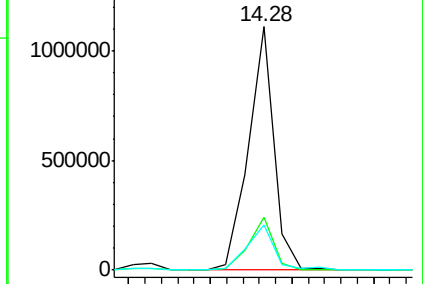
203 18.5 13.8 20.6

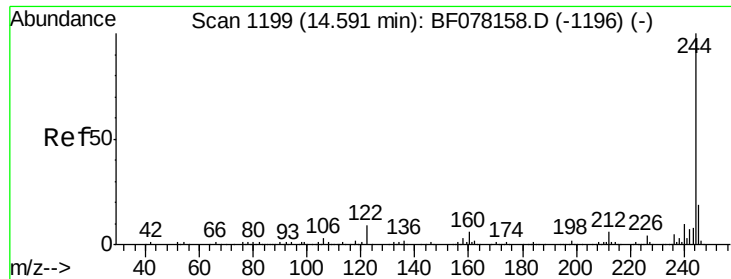


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

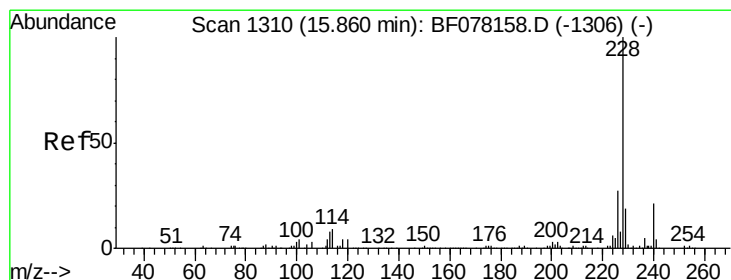
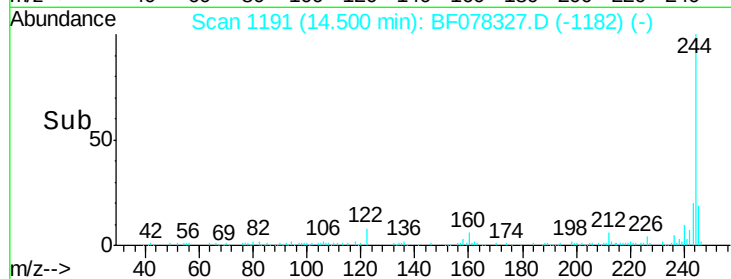
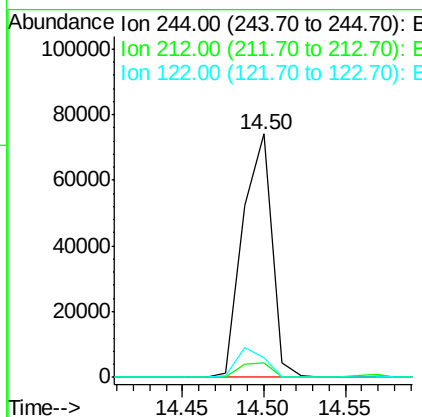
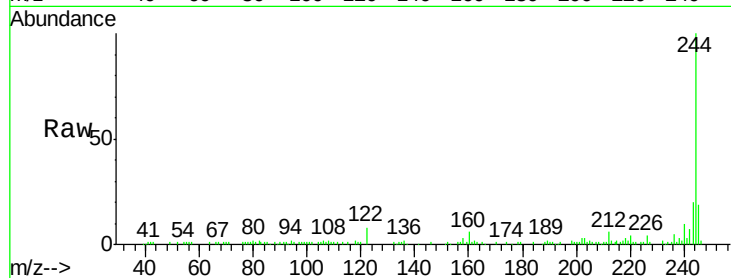




#78
 Terphenyl-d14
 Concen: 13.05 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

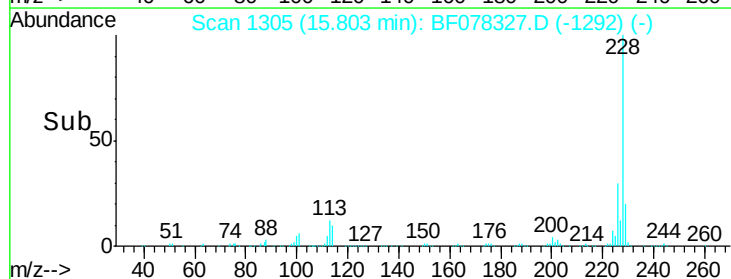
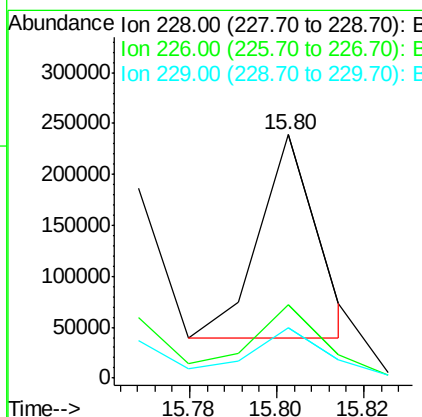
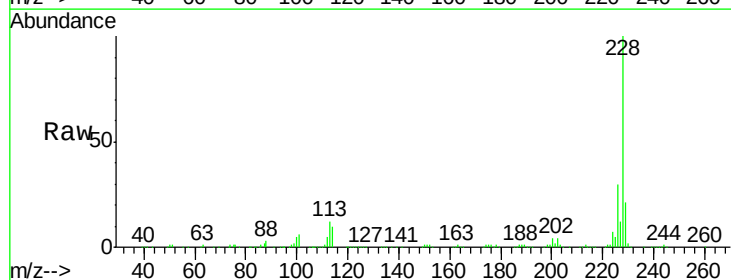
Instrument :
 BNA_F
 ClientSampleId :
 SB-3DDL

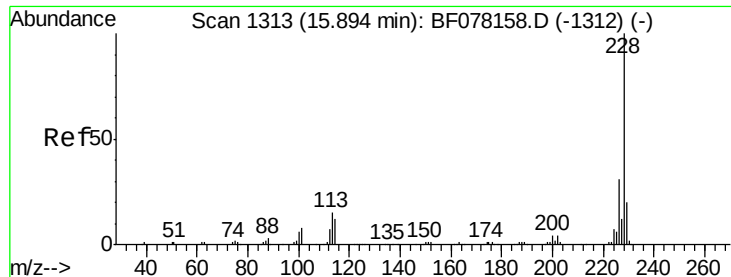
Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.0	7.4
122	8.3	7.1	10.7



#80
 Benzo(a)anthracene
 Concen: 19.76 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. 0.05 min
 Lab File: BF078327.D
 Acq: 8 Apr 2015 7:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.3	31.9
229	20.7	15.4	23.2





#82

Chrysene

Concen: 30.20 ng

RT: 15.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-3DDL

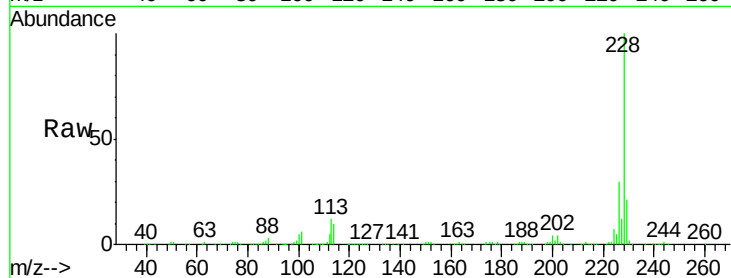
Tgt Ion:228 Resp: 265719

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

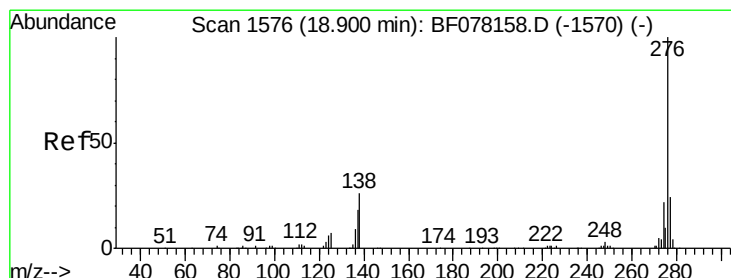
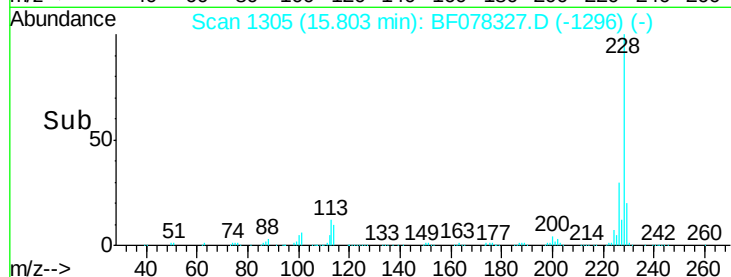
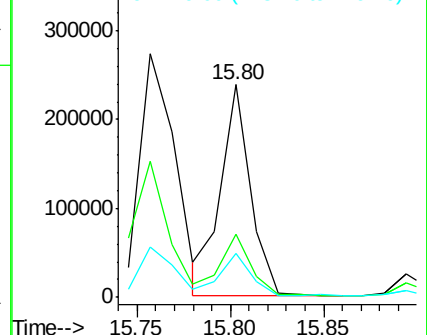
229 20.7 15.8 23.8



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: 13.85 ng

RT: 18.79 min Scan# 1566

Delta R.T. 0.11 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

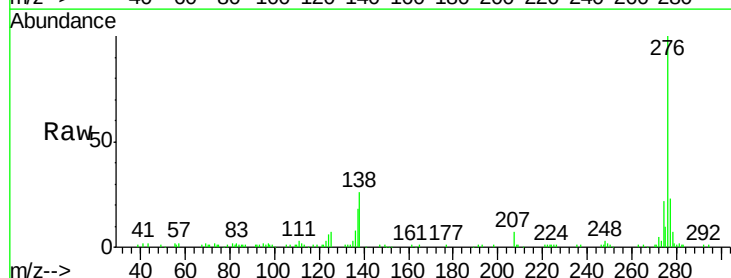
Tgt Ion:276 Resp: 138328

Ion Ratio Lower Upper

276 100

138 22.0 16.9 25.3

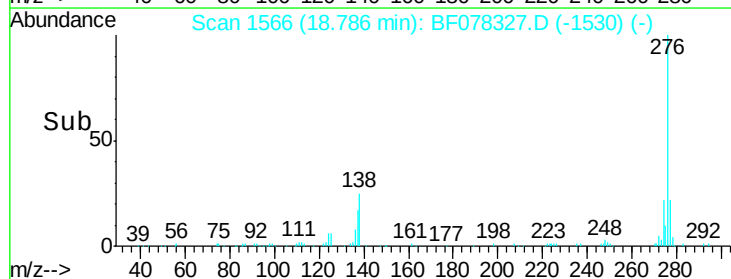
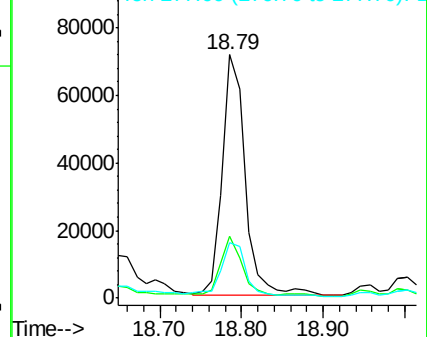
277 23.3 15.8 23.6

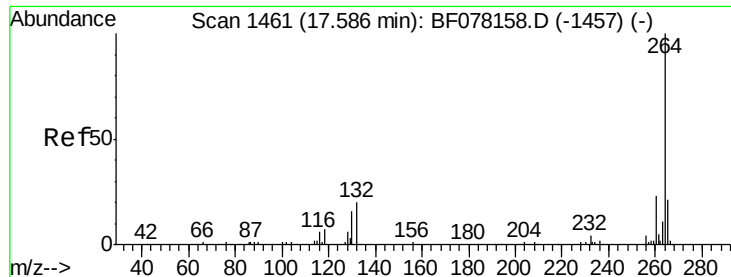


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

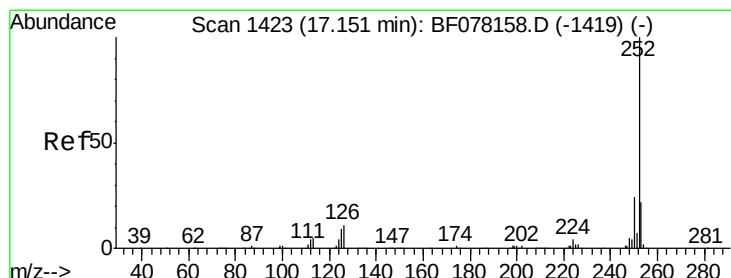
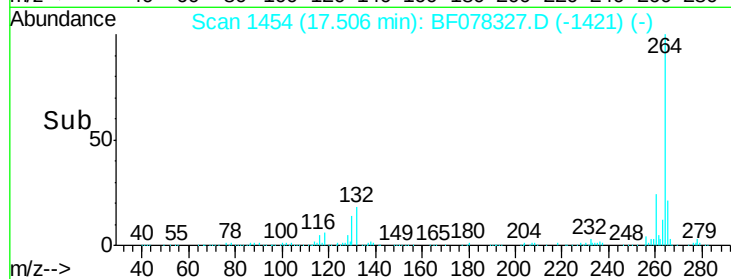
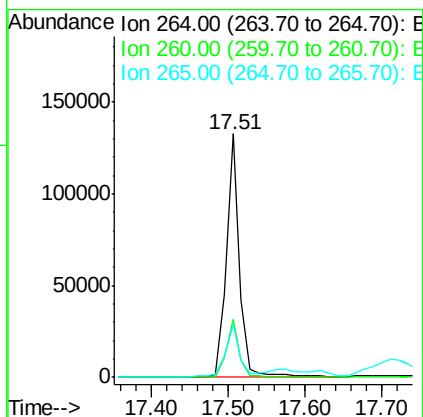
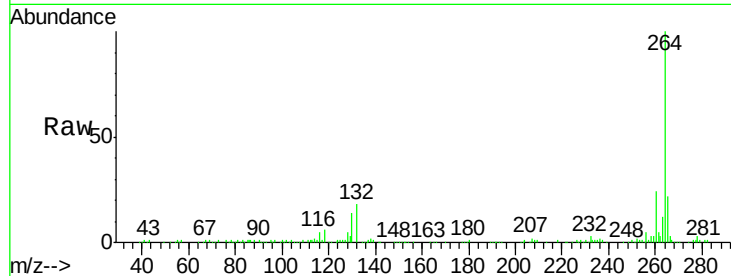




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.08 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

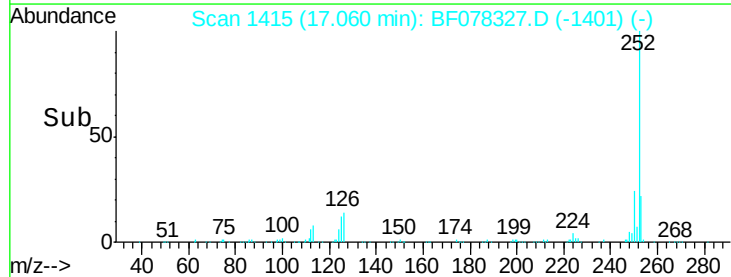
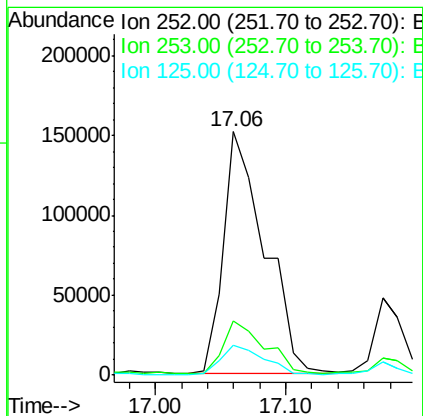
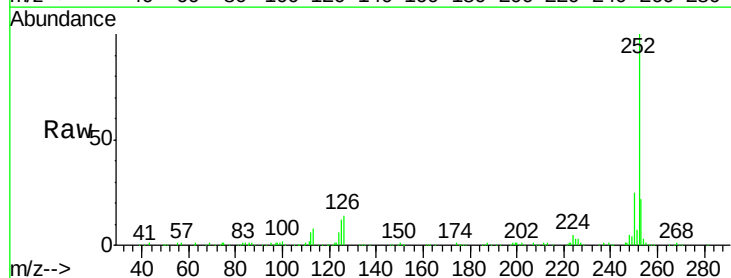
Instrument :
BNA_F
ClientSampleId :
SB-3DDL

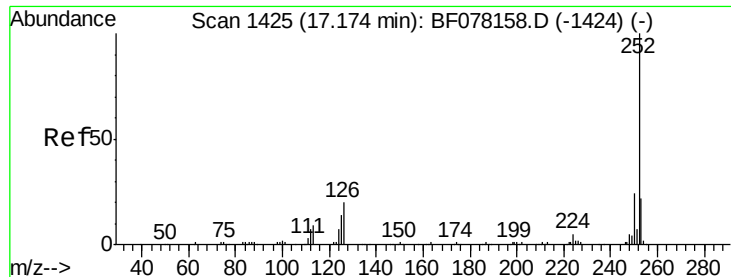
Tgt Ion: 264 Resp: 162197
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.6 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 33.63 ng
RT: 17.06 min Scan# 1415
Delta R.T. 0.06 min
Lab File: BF078327.D
Acq: 8 Apr 2015 7:30

Tgt Ion: 252 Resp: 337154
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.2 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 36.67 ng

RT: 17.06 min Scan# 1415

Delta R.T. 0.02 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-3DDL

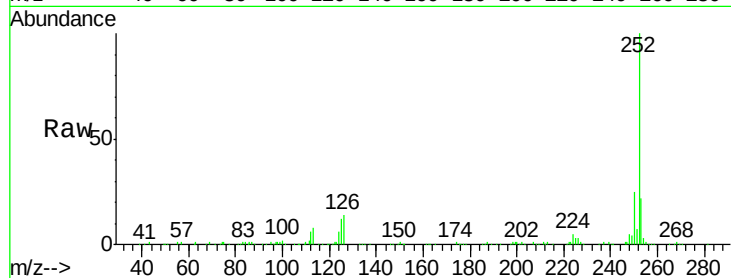
Tgt Ion:252 Resp: 326650

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

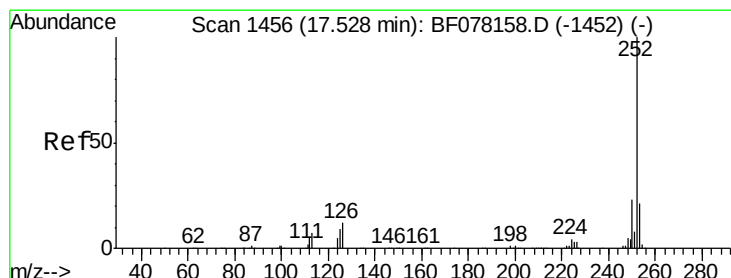
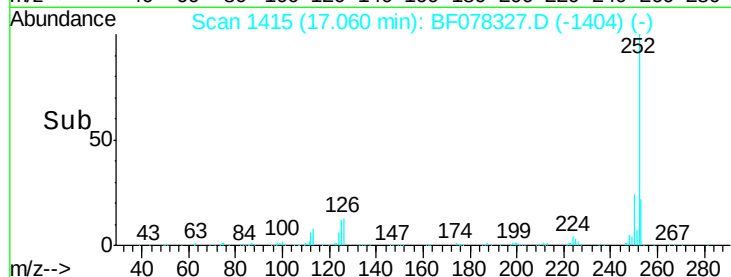
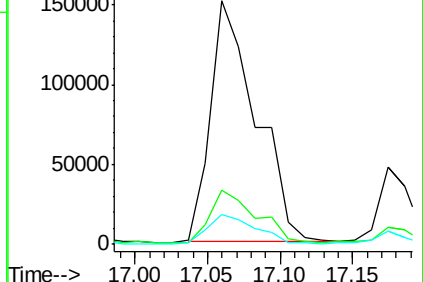
125 12.2 11.6 17.4



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: 36.15 ng

RT: 17.45 min Scan# 1449

Delta R.T. 0.09 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

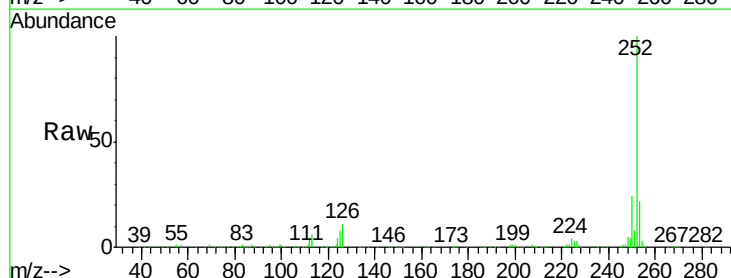
Tgt Ion:252 Resp: 316216

Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

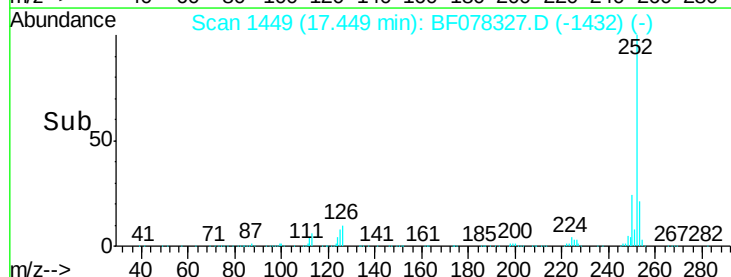
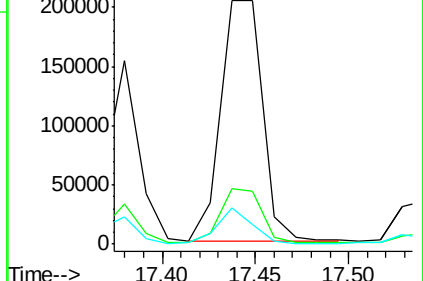
125 8.2 7.4 11.0

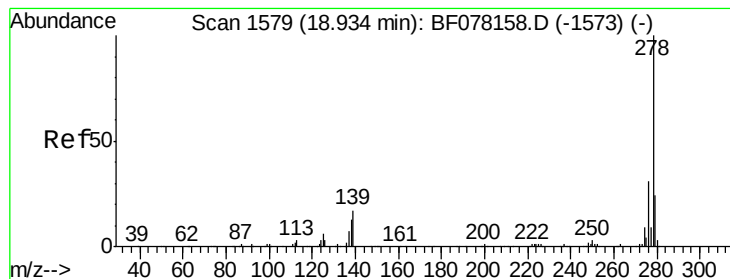


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.61 ng

RT: 18.81 min Scan# 1568

Delta R.T. 0.10 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-3DDL

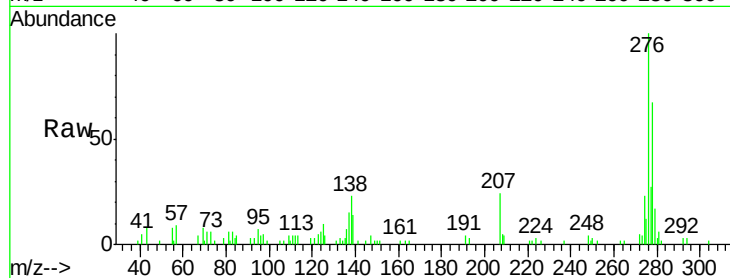
Tgt Ion:278 Resp: 22821

Ion Ratio Lower Upper

278 100

139 20.7 13.6 20.4#

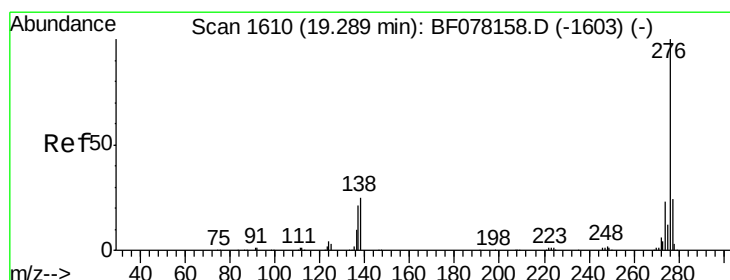
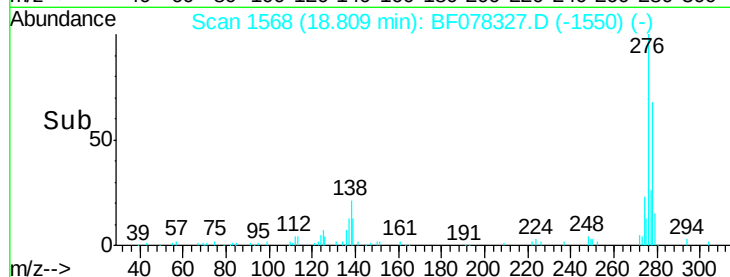
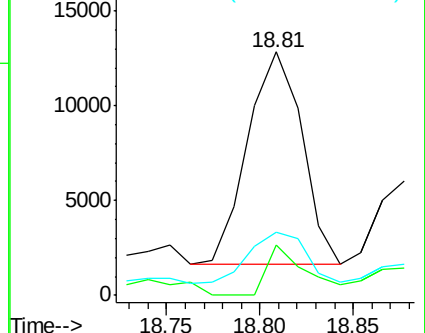
279 25.9 19.0 28.6



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(g,h,i)perylene

Concen: 19.04 ng

RT: 19.15 min Scan# 1598

Delta R.T. 0.11 min

Lab File: BF078327.D

Acq: 8 Apr 2015 7:30

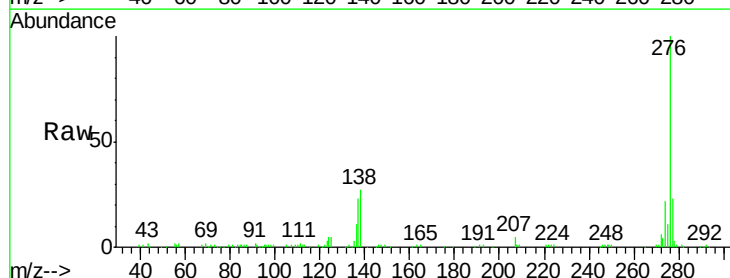
Tgt Ion:276 Resp: 167221

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 26.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

