

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078516.D
 Acq On : 14 Apr 2015 23:20
 Operator : TP/IZ
 Sample : G1828-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB01B

Quant Time: Apr 15 01:26:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 01:10:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	18583	20.00	ng	0.00
21) Naphthalene-d8	8.39	136	81650	20.00	ng	0.00
38) Acenaphthene-d10	10.54	164	42797	20.00	ng	0.00
63) Phenanthrene-d10	12.36	188	88557	20.00	ng	0.00
75) Chrysene-d12	15.62	240	101763	20.00	ng	-0.03
86) Perylene-d12	17.29	264	106224	20.00	ng	-0.19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.06	112	156851	139.17	ng	0.01
7) Phenol-d6	6.41	99	208447	147.57	ng	0.00
23) Nitrobenzene-d5	7.51	82	113704	84.41	ng	0.00
41) 2,4,6-Tribromophenol	11.52	330	50596	142.55	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	167174	55.84	ng	0.00
78) Terphenyl-d14	14.35	244	228622	50.77	ng	0.00

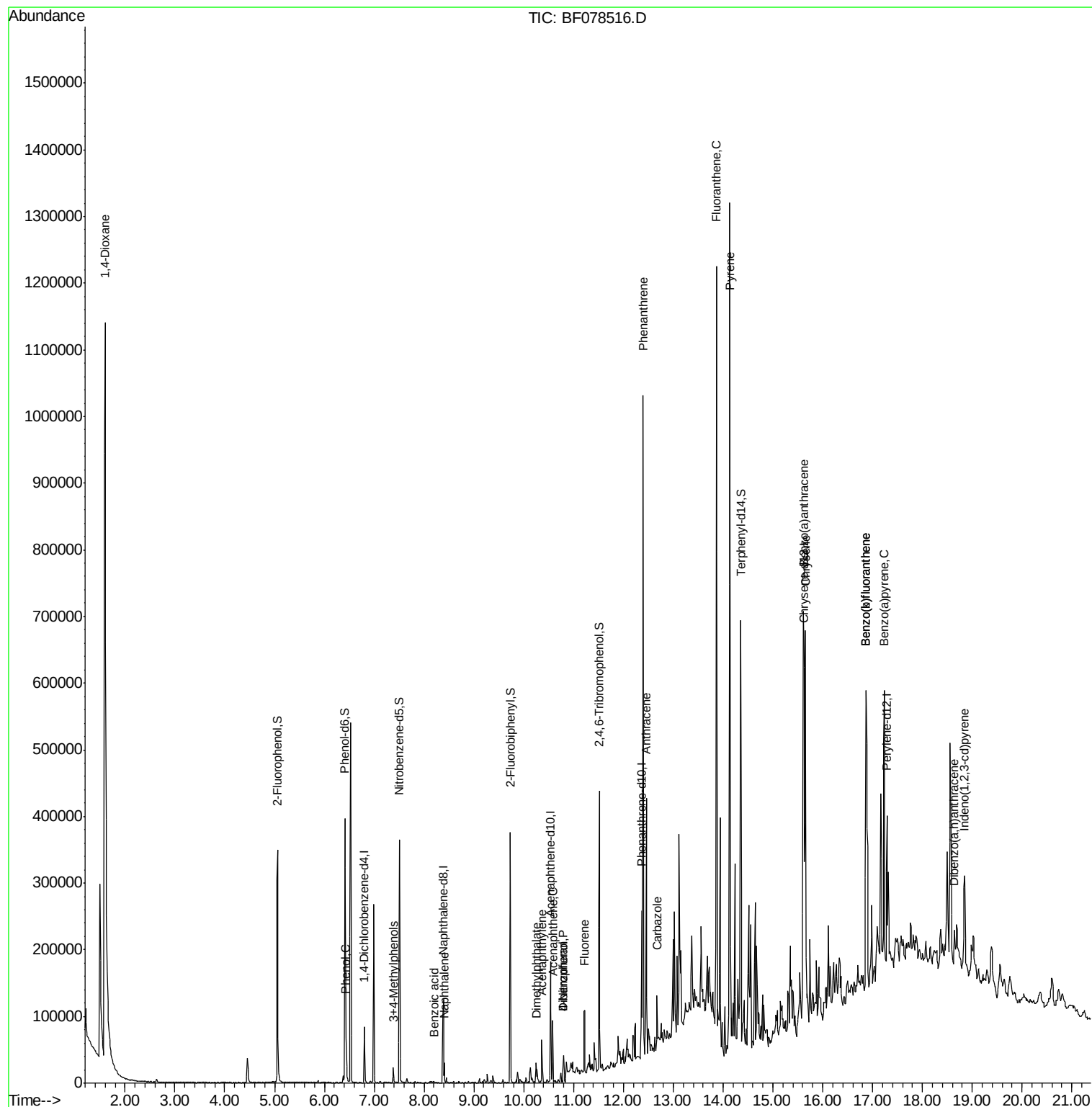
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.60	88	56048	109.97	ng	# 23
10) Phenol	6.43	94	6576	3.89	ng	# 70
20) 3+4-Methylphenols	7.38	107	9860	7.14	ng	97
31) Naphthalene	8.41	128	13924	3.28	ng	99
32) Benzoic acid	8.19	122	667	6.79	ng	# 21
48) Acenaphthylene	10.36	152	29255	6.58	ng	98
49) Dimethylphthalate	10.25	163	17795	5.53	ng	# 97
51) Acenaphthene	10.58	154	22480	8.98	ng	97
54) Dibenzofuran	10.80	168	17424	4.56	ng	96
55) 4-Nitrophenol	10.80	139	6695	14.44	ng	# 18
57) Fluorene	11.22	166	40368	13.02	ng	99
70) Phenanthrene	12.40	178	452853	88.40	ng	100
71) Anthracene	12.46	178	157100	31.12	ng	98
72) Carbazole	12.67	167	25102	5.31	ng	95
74) Fluoranthene	13.86	202	607747	112.50	ng	99
77) Pyrene	14.14	202	545649	85.41	ng	96
80) Benzo(a)anthracene	15.61	228	303699	50.16	ng	96
82) Chrysene	15.66	228	239428	42.09	ng	97
85) Indeno(1,2,3-cd)pyrene	18.85	276	107110	16.59	ng	# 90
87) Benzo(b)fluoranthene	16.87	252	256230	39.03	ng	# 94
88) Benzo(k)fluoranthene	16.87	252	379511	65.05	ng	98
89) Benzo(a)pyrene	17.23	252	233485	40.75	ng	97
90) Dibenzo(a,h)anthracene	18.64	278	32544	5.67	ng	# 88

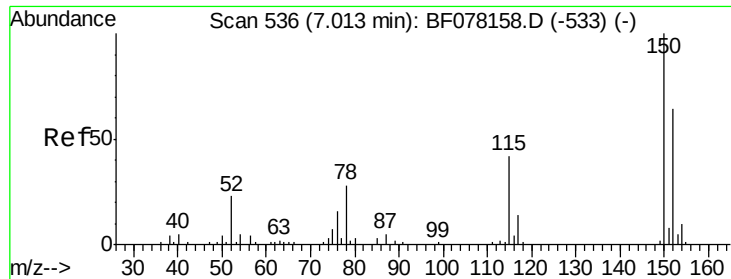
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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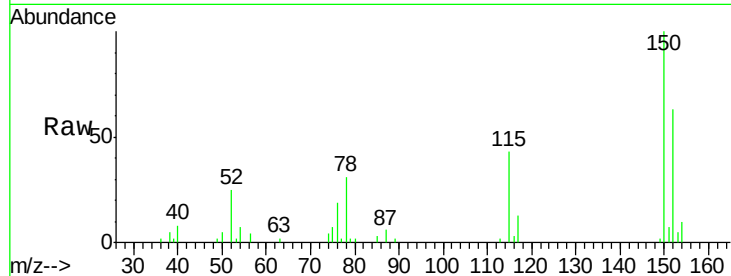




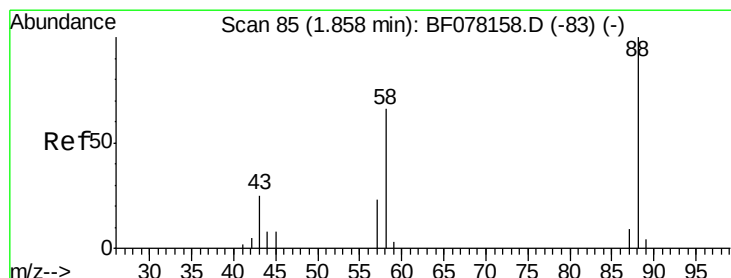
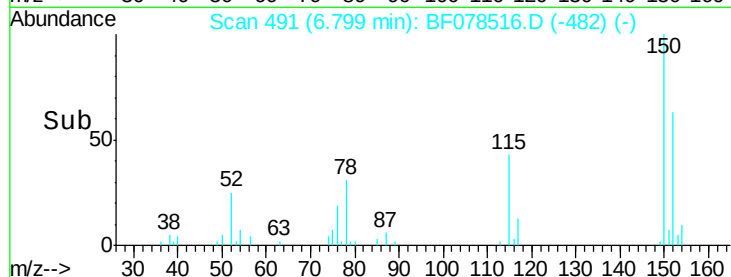
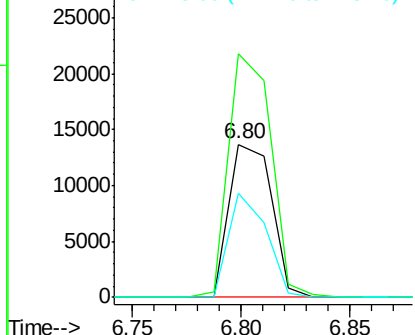
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB01B

Tgt Ion:152 Resp: 18583
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.9 188.9
 115 67.9 52.7 79.1

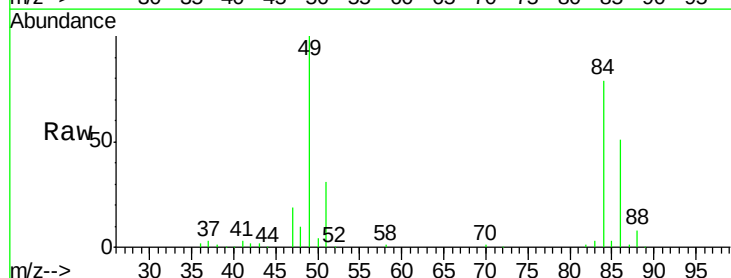


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

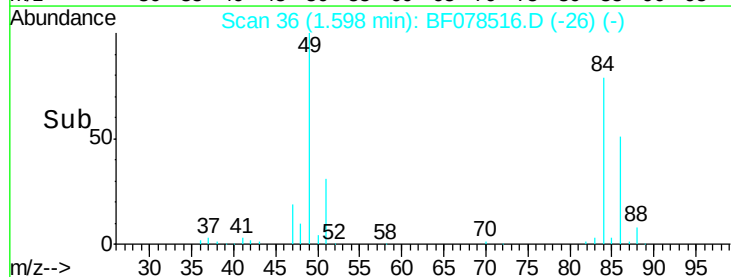
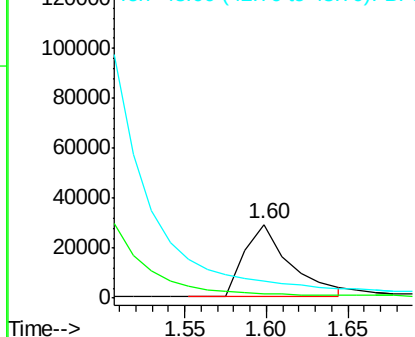


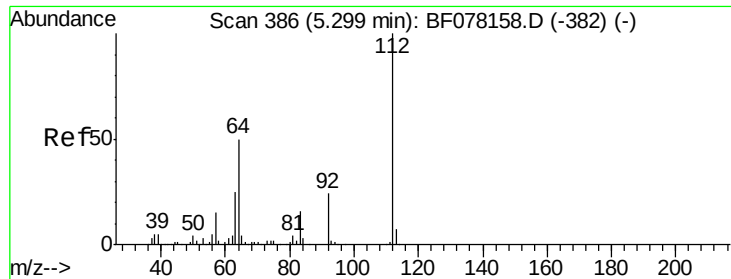
#2
 1,4-Dioxane
 Concen: 109.97 ng
 RT: 1.60 min Scan# 36
 Delta R.T. 0.01 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

Tgt Ion: 88 Resp: 56048
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.9 85.3#
 43 0.0 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 139.17 ng

RT: 5.06 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

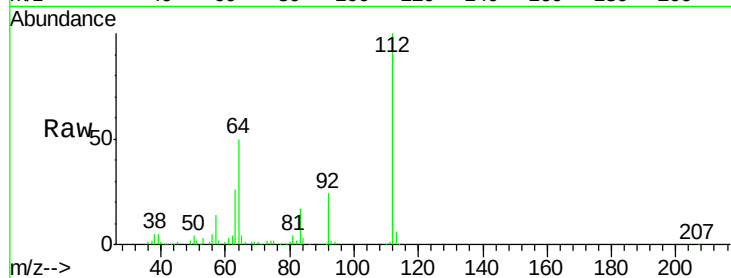
Tgt Ion: 112 Resp: 156851

Ion Ratio Lower Upper

112 100

64 49.7 39.9 59.9

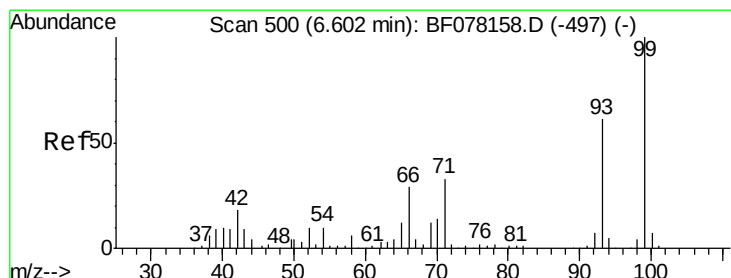
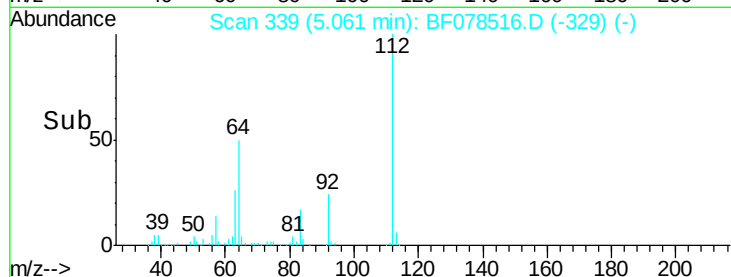
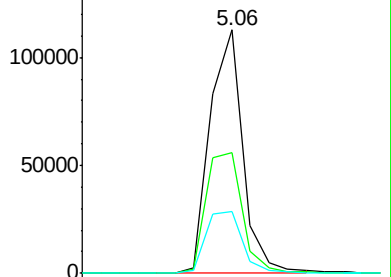
63 25.6 20.2 30.4



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: 147.57 ng

RT: 6.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

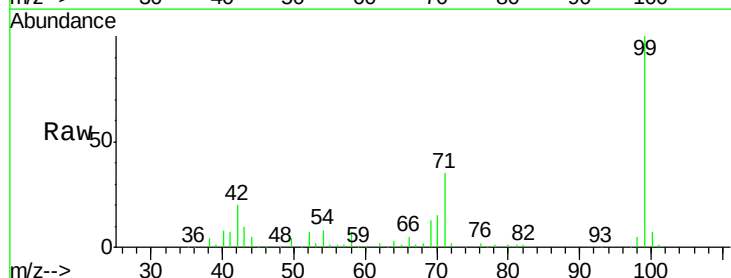
Tgt Ion: 99 Resp: 208447

Ion Ratio Lower Upper

99 100

42 20.2 14.8 22.2

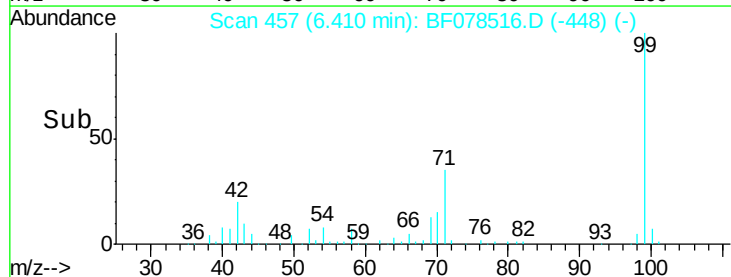
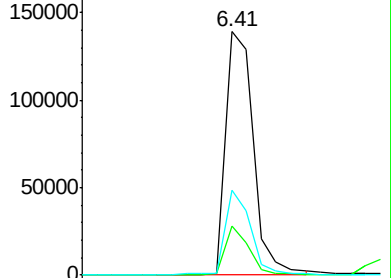
71 35.0 26.6 39.8

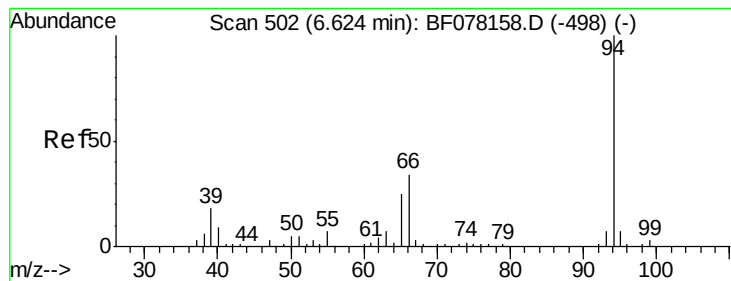


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.89 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

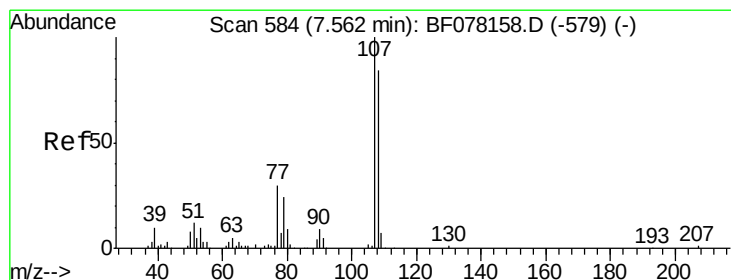
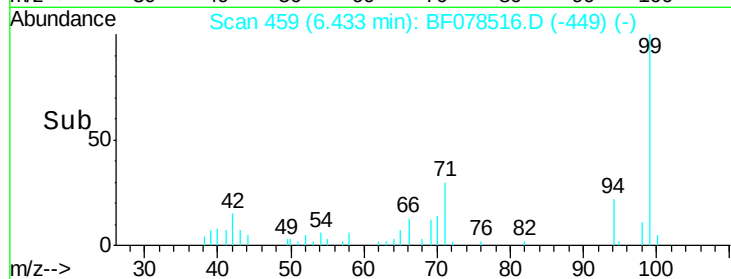
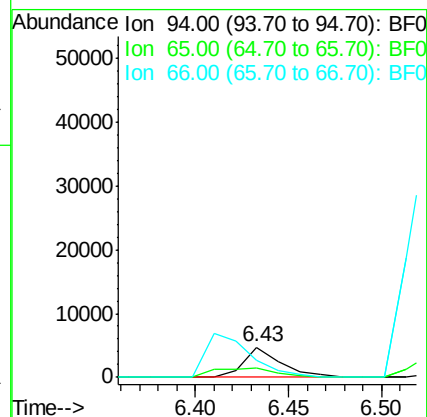
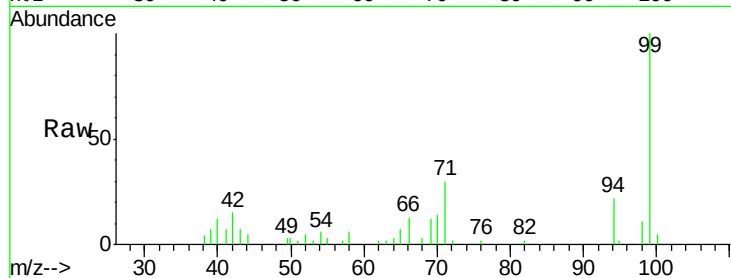
Tgt Ion: 94 Resp: 6576

Ion Ratio Lower Upper

94 100

65 31.0 4.9 44.9

66 58.7 13.8 53.8#



#20

3+4-Methylphenols

Concen: 7.14 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Tgt Ion: 107 Resp: 9860

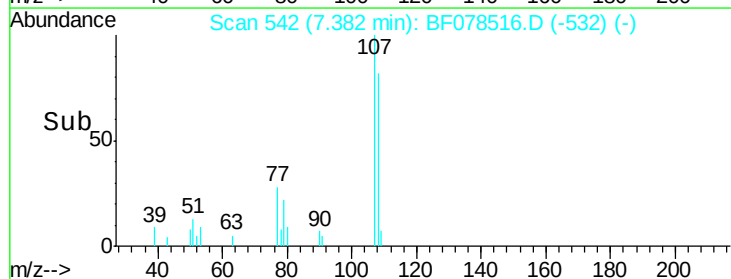
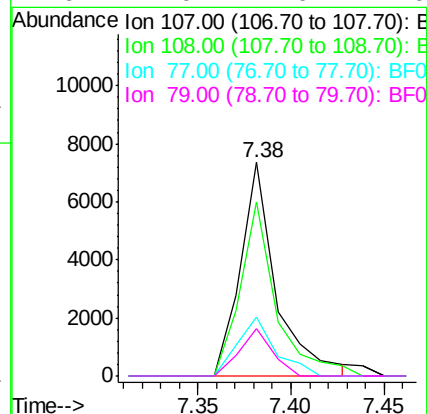
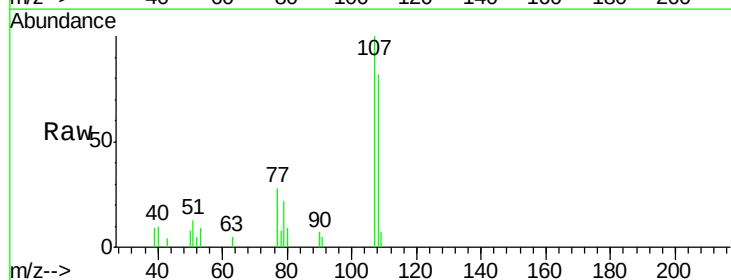
Ion Ratio Lower Upper

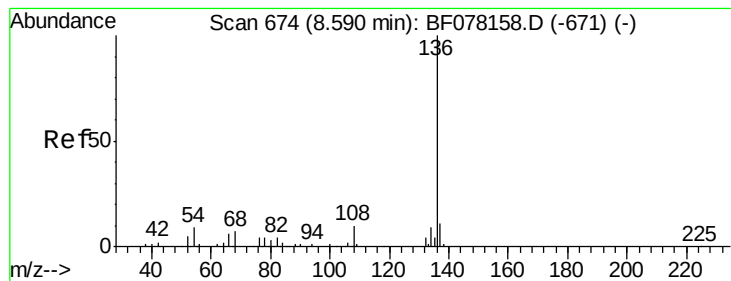
107 100

108 81.8 64.4 104.4

77 27.6 9.7 49.7

79 22.0 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

Tgt Ion:136 Resp: 81650

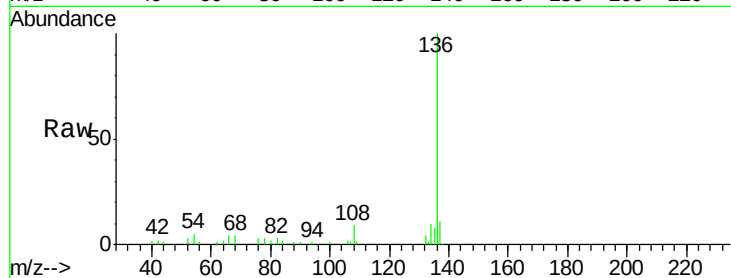
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.5 7.0 10.6#

68 4.4 5.4 8.2#

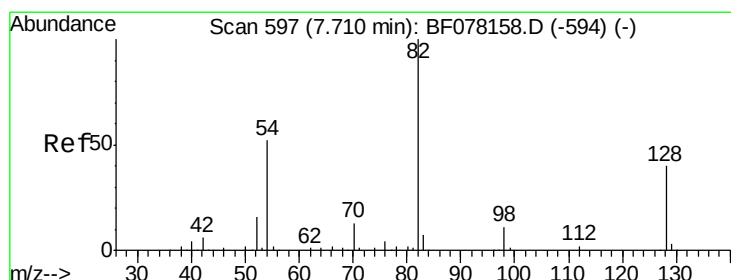
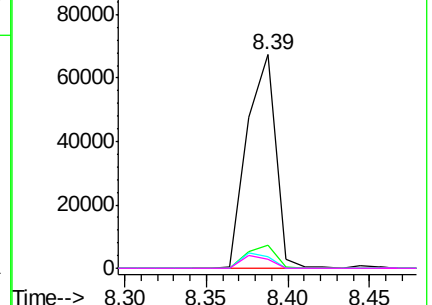
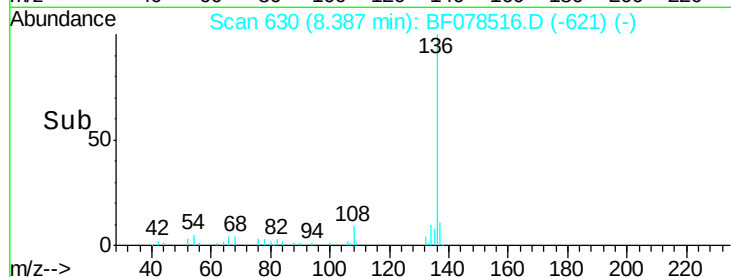


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.41 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

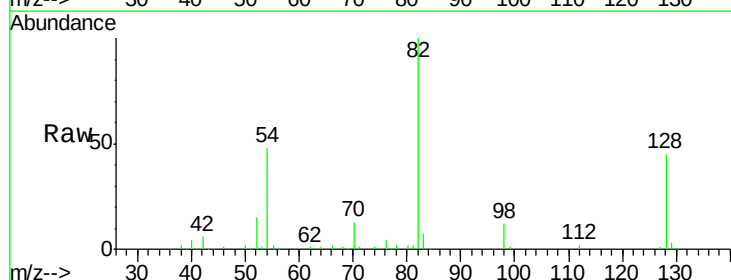
Tgt Ion: 82 Resp: 113704

Ion Ratio Lower Upper

82 100

128 44.6 31.8 47.8

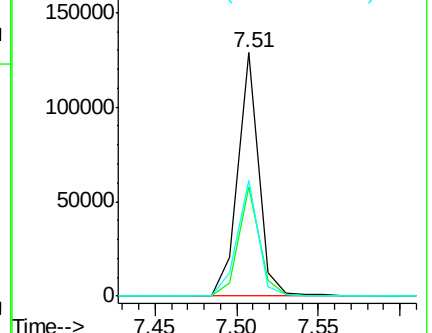
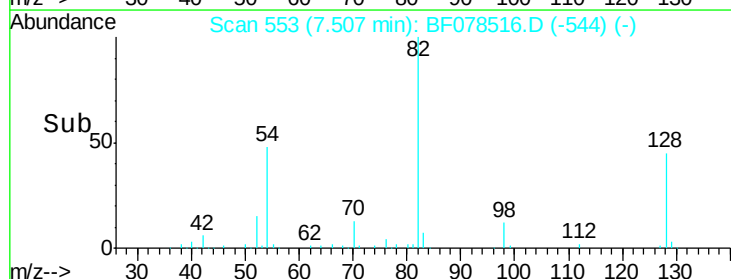
54 47.7 41.5 62.3

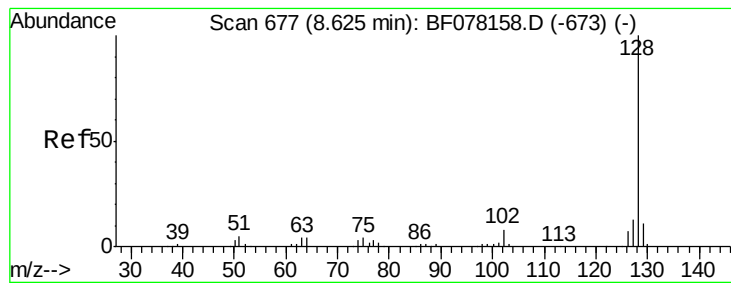


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.28 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

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ClientSampleId :

HS-SB01B

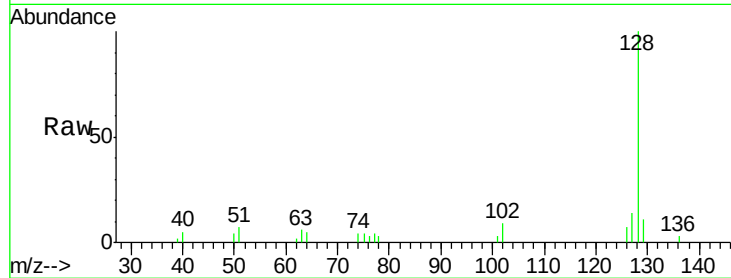
Tgt Ion:128 Resp: 13924

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

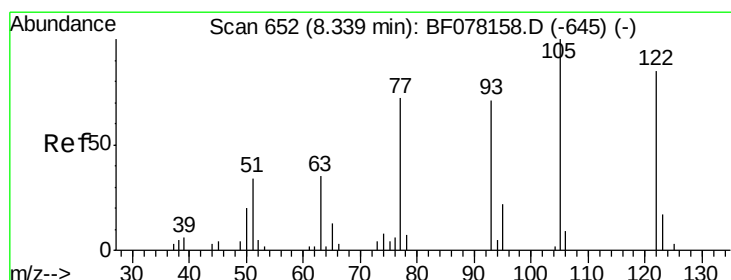
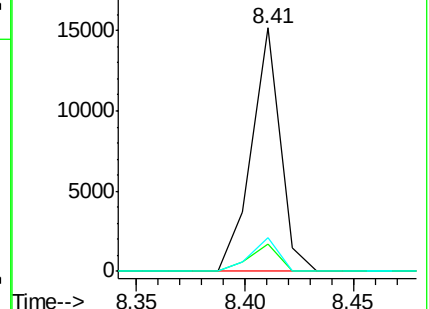
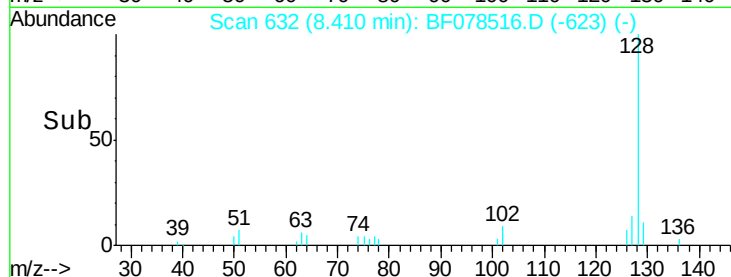
127 13.9 10.7 16.1



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



#32

Benzoic acid

Concen: 6.79 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.02 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

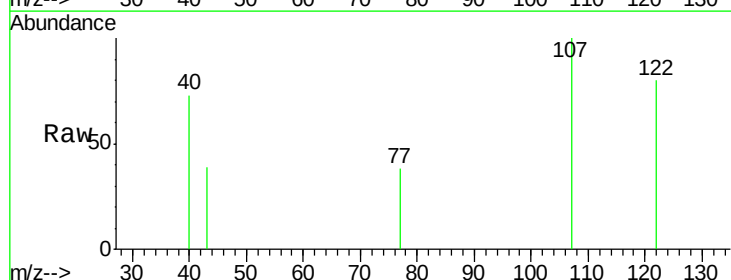
Tgt Ion:122 Resp: 667

Ion Ratio Lower Upper

122 100

105 0.0 96.1 136.1#

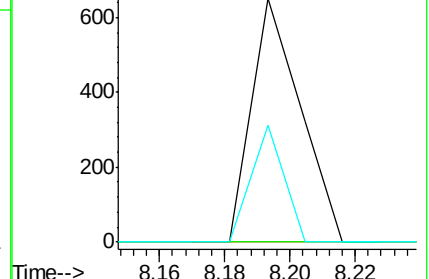
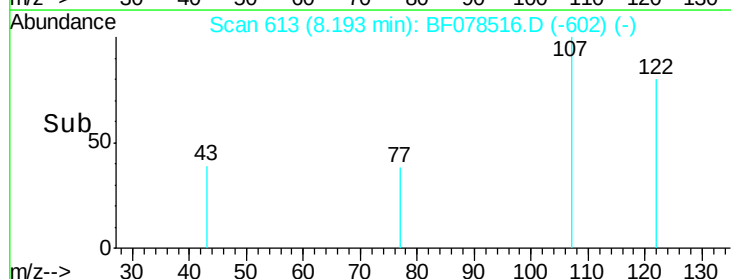
77 47.8 64.1 104.1#

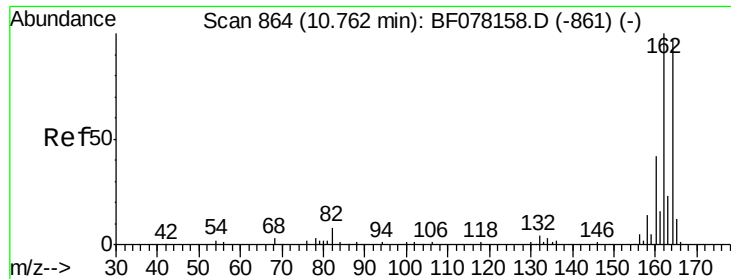


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

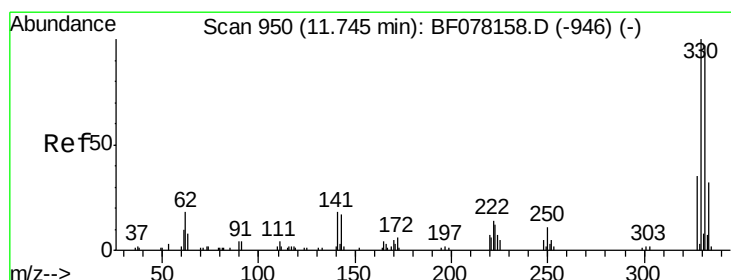
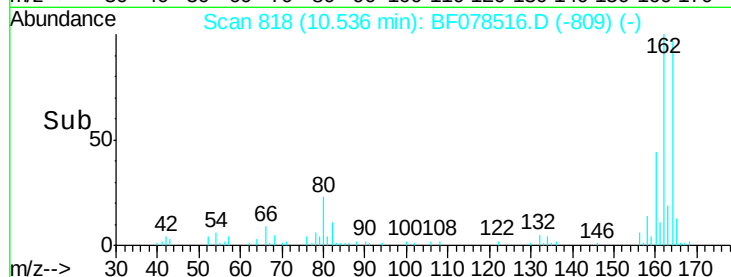
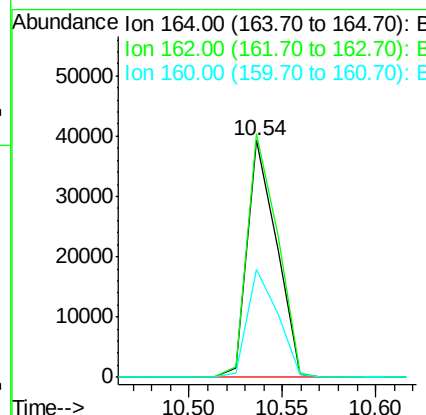
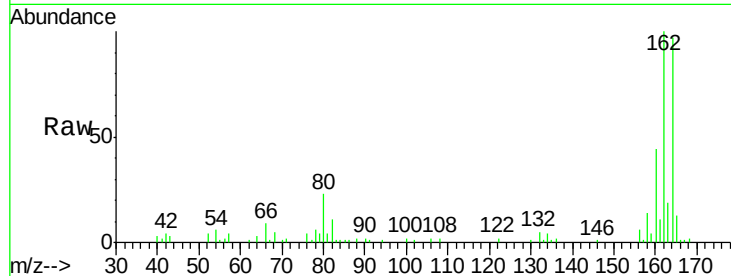




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

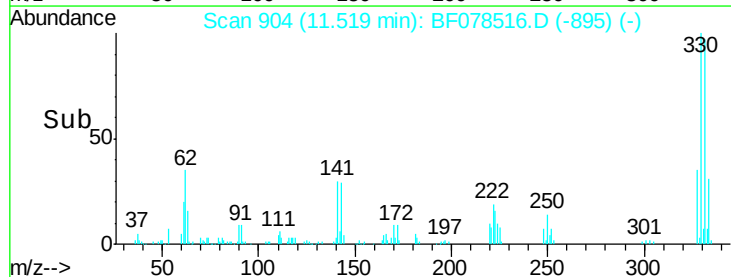
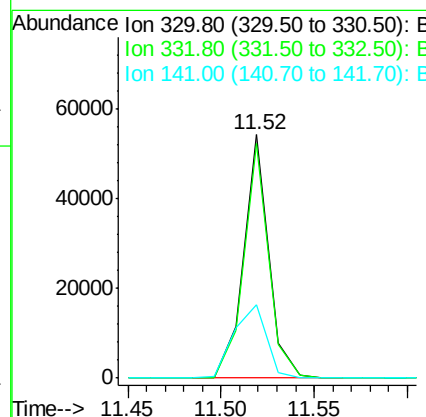
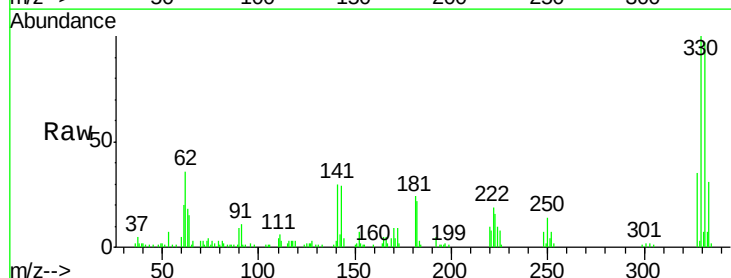
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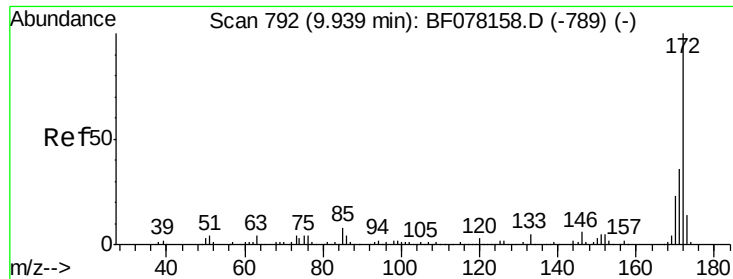
Tgt Ion:164 Resp: 42797
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.2 123.2
 160 45.6 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 142.55 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

Tgt Ion:330 Resp: 50596
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.6 117.8
 141 39.2 31.2 46.8

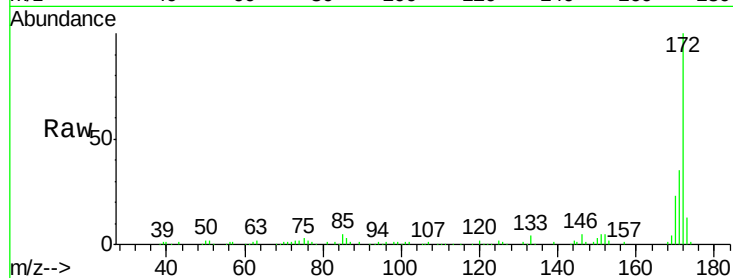




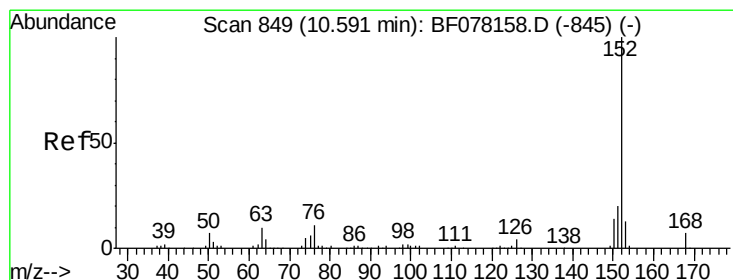
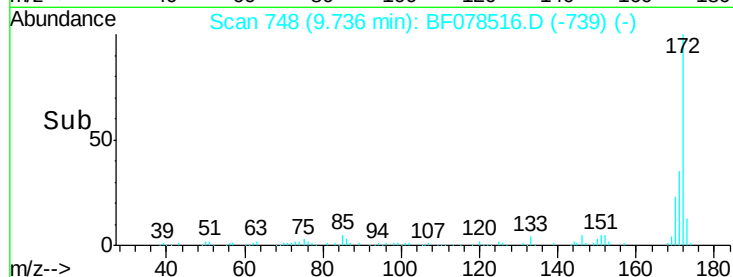
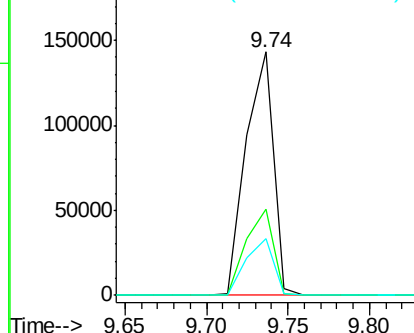
#44
 2-Fluorobiphenyl
 Concen: 55.84 ng
 RT: 9.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB01B

Tgt Ion:172 Resp: 167174
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.2 18.5 27.7

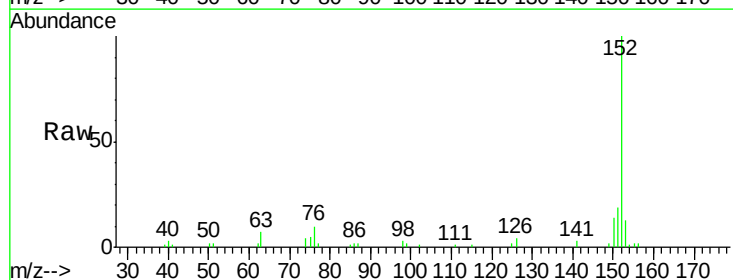


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

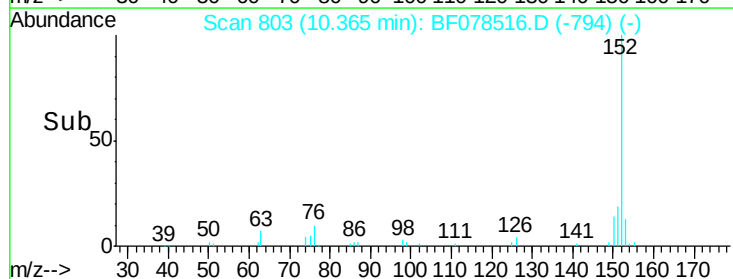
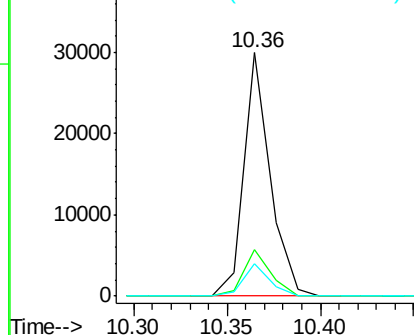


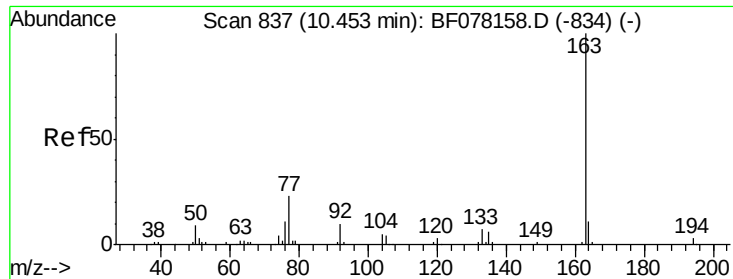
#48
 Acenaphthylene
 Concen: 6.58 ng
 RT: 10.36 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

Tgt Ion:152 Resp: 29255
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.7 23.5
 153 13.4 10.2 15.2



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: 5.53 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

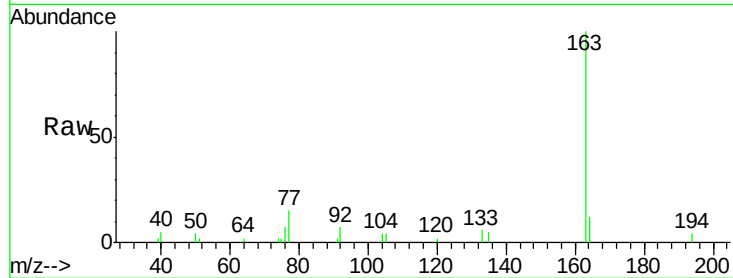
Tgt Ion:163 Resp: 17795

Ion Ratio Lower Upper

163 100

194 4.1 2.3 3.5#

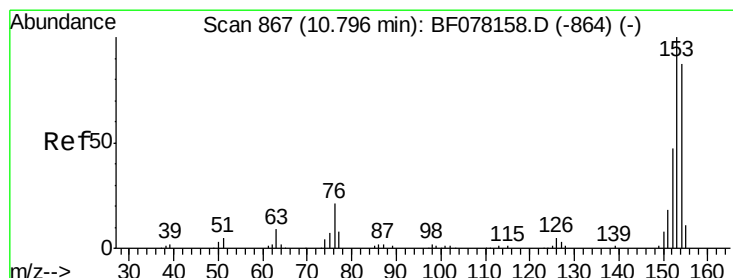
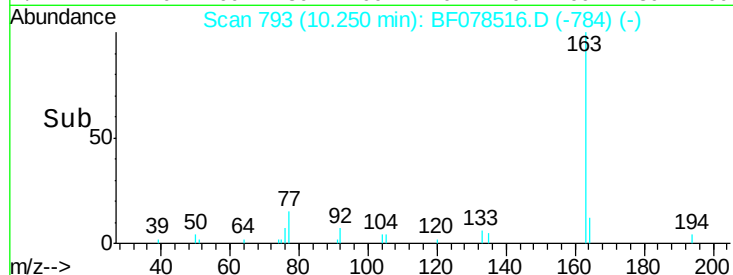
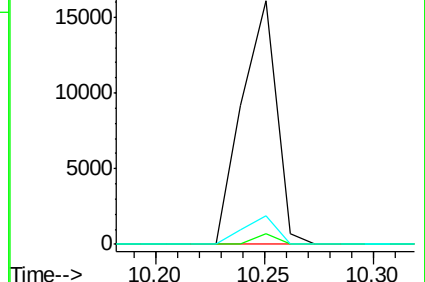
164 11.8 8.6 13.0



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: 8.98 ng

RT: 10.58 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

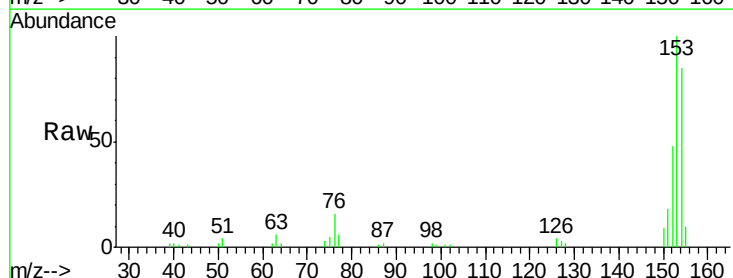
Tgt Ion:154 Resp: 22480

Ion Ratio Lower Upper

154 100

153 117.4 91.4 137.2

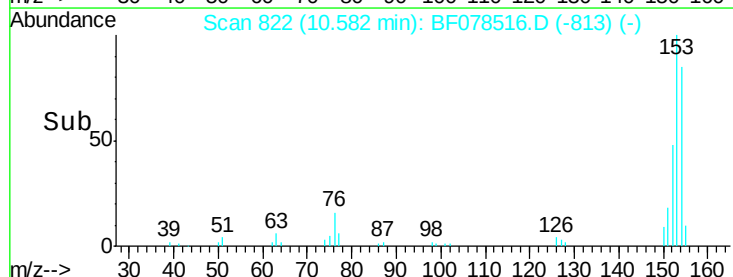
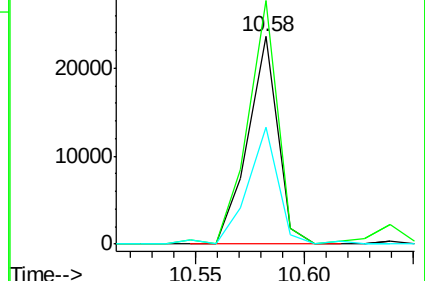
152 56.1 43.0 64.6

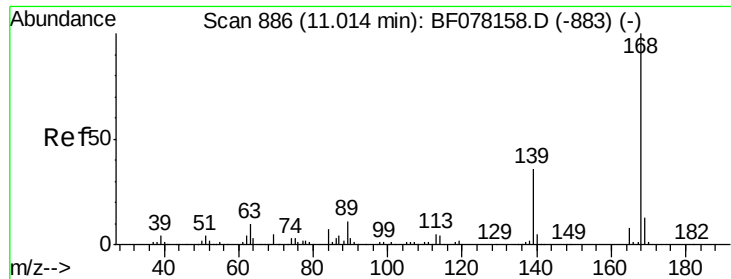


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 4.56 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

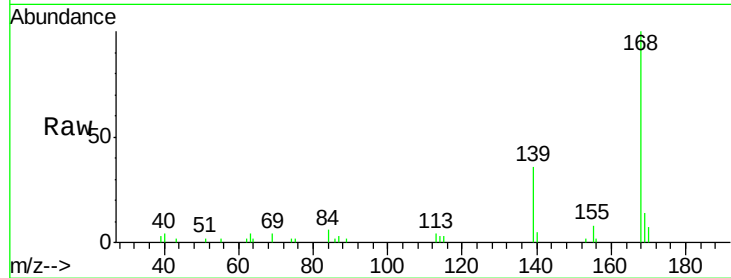
Tgt Ion:168 Resp: 17424

Ion Ratio Lower Upper

168 100

139 35.9 31.0 46.4

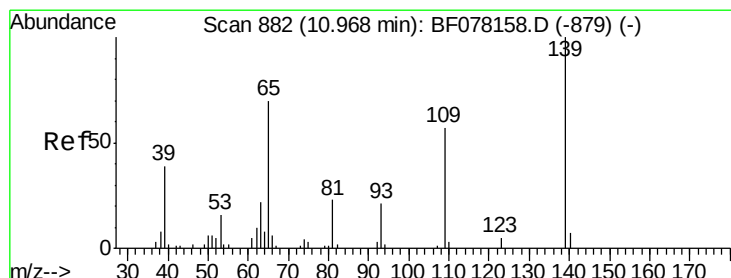
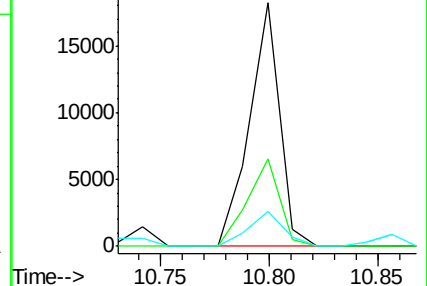
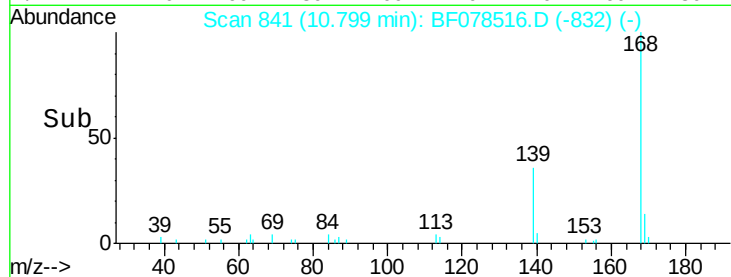
169 14.4 10.7 16.1



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: 14.44 ng

RT: 10.80 min Scan# 841

Delta R.T. 0.03 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

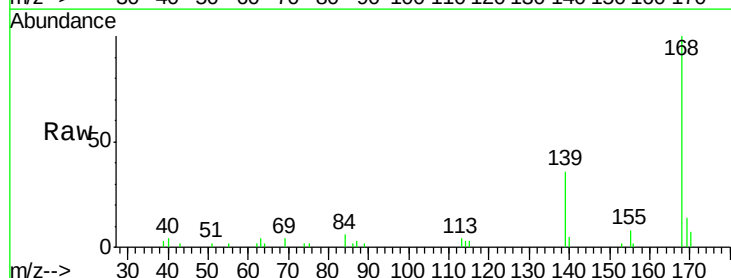
Tgt Ion:139 Resp: 6695

Ion Ratio Lower Upper

139 100

109 0.0 36.7 76.7#

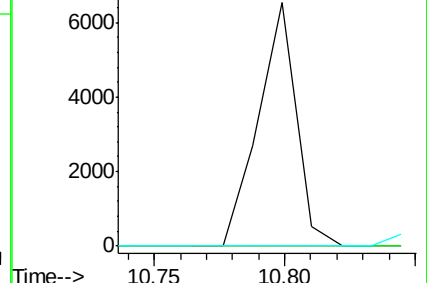
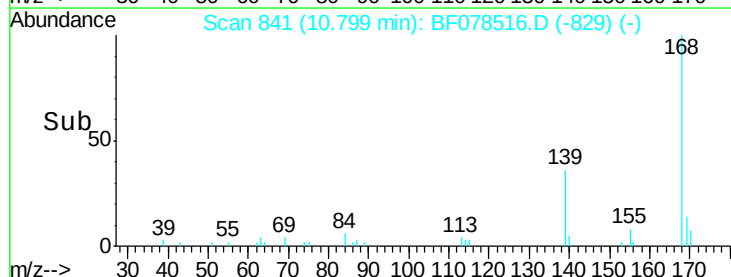
65 0.0 49.9 89.9#

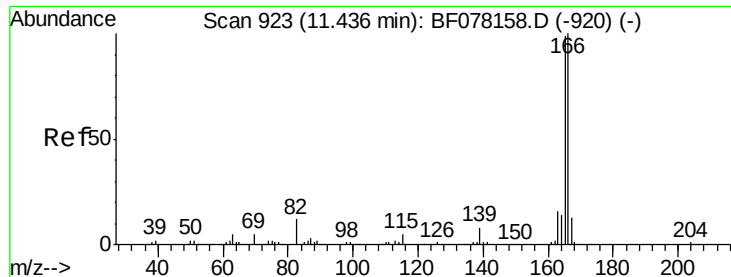


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

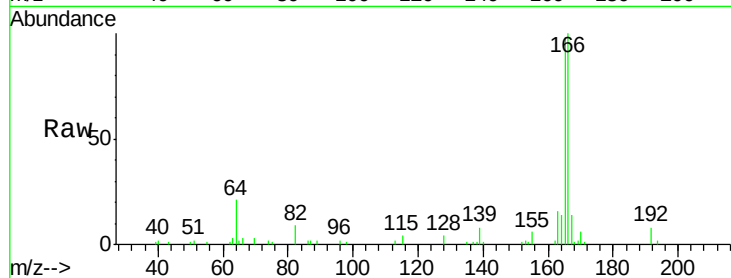




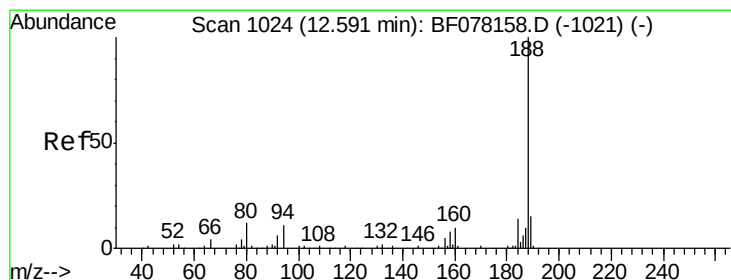
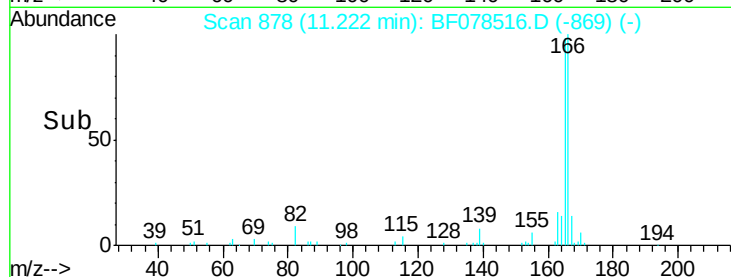
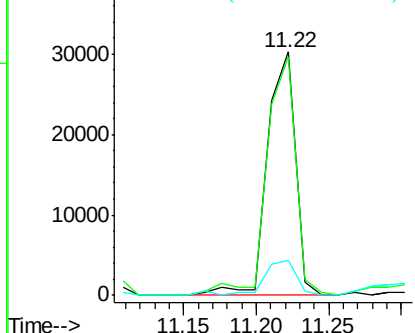
#57
 Fluorene
 Concen: 13.02 ng
 RT: 11.22 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB01B

Tgt Ion:166 Resp: 40368
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.9 118.3
 167 14.3 10.7 16.1

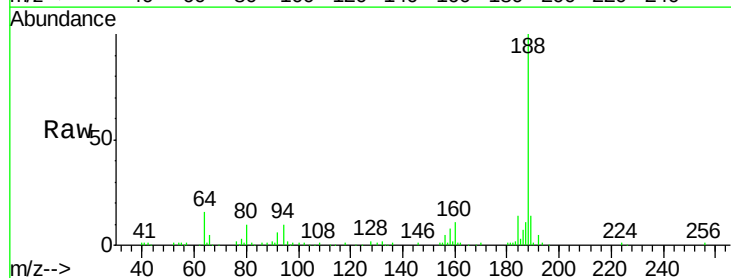


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

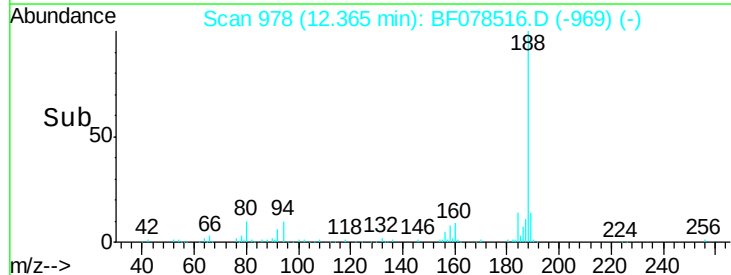
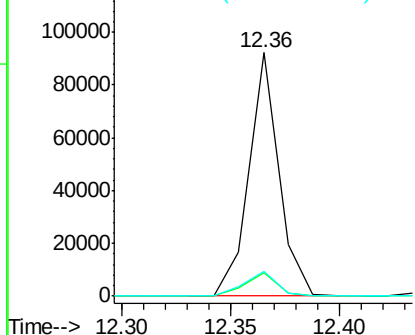


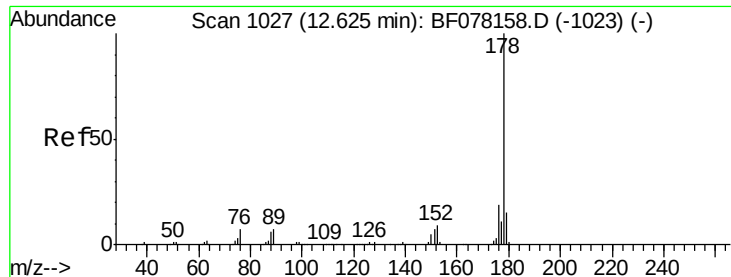
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

Tgt Ion:188 Resp: 88557
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.0 13.4
 80 10.1 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

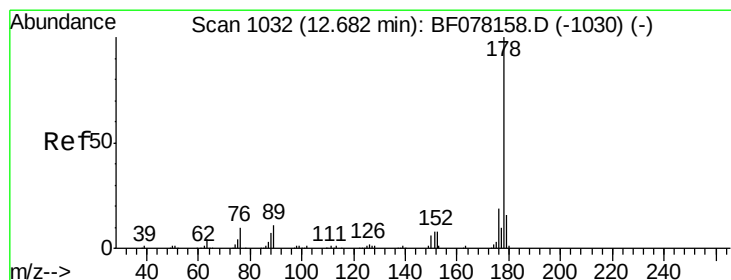
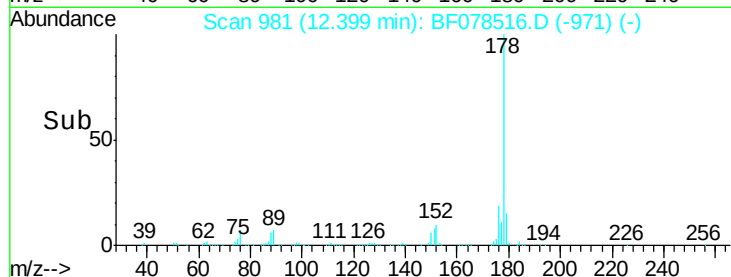
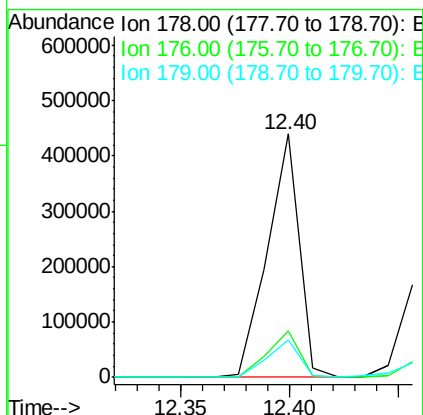
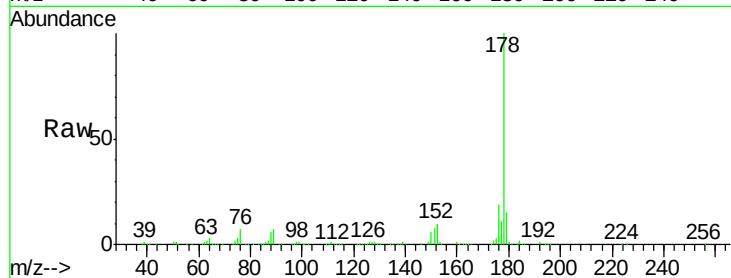




#70
Phenanthrene
Concen: 88.40 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF078516.D
Acq: 14 Apr 2015 23:20

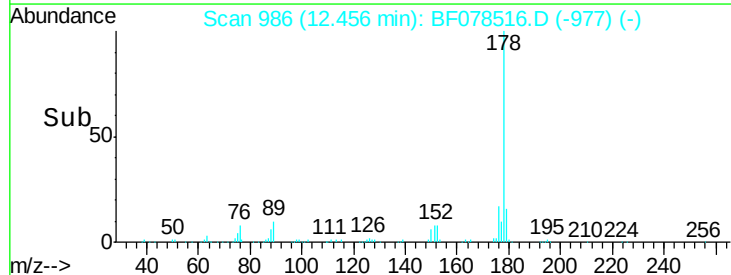
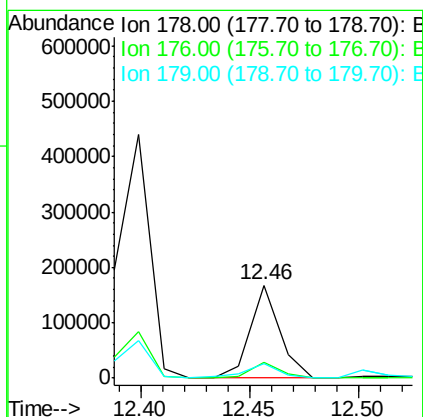
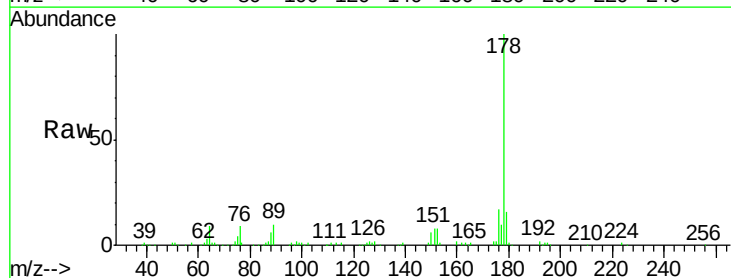
Instrument :
BNA_F
ClientSampleId :
HS-SB01B

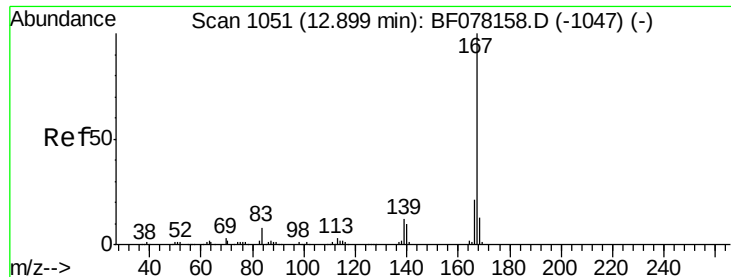
Tgt Ion:178 Resp: 452853
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.2 18.2



#71
Anthracene
Concen: 31.12 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078516.D
Acq: 14 Apr 2015 23:20

Tgt Ion:178 Resp: 157100
Ion Ratio Lower Upper
178 100
176 17.4 14.8 22.2
179 15.8 12.4 18.6

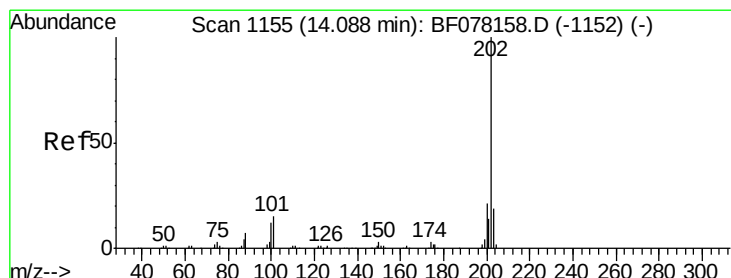
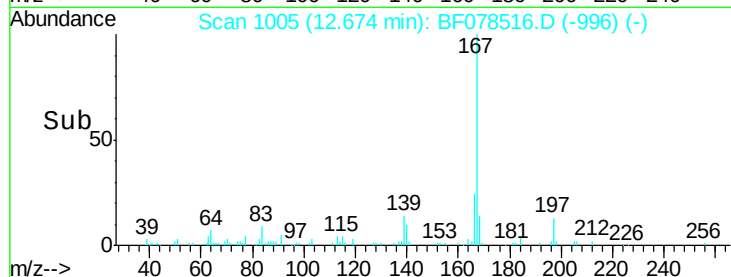
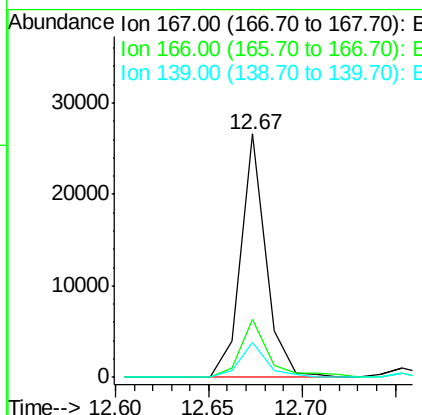
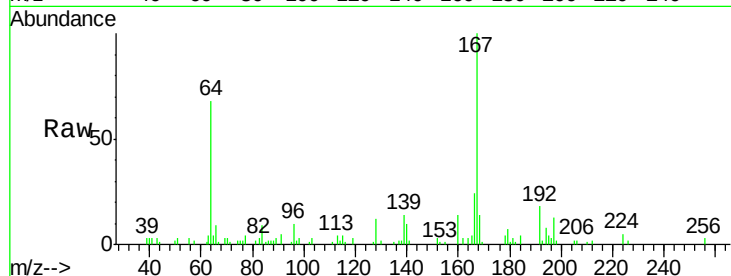




#72
 Carbazole
 Concen: 5.31 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

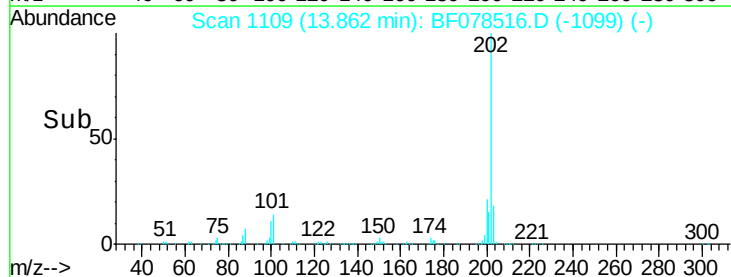
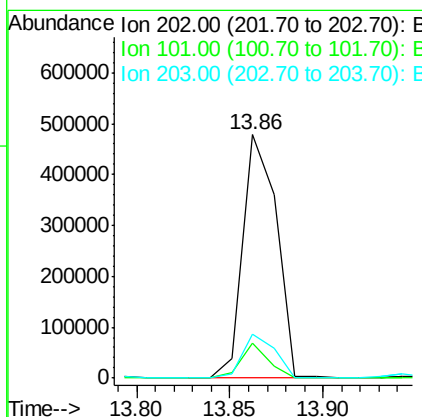
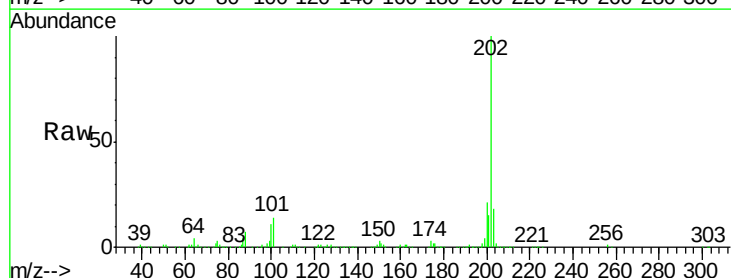
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB01B

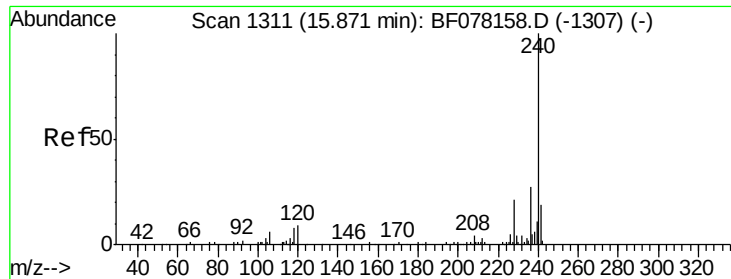
Tgt Ion:167 Resp: 25102
 Ion Ratio Lower Upper
 167 100
 166 23.7 16.8 25.2
 139 14.1 10.0 15.0



#74
 Fluoranthene
 Concen: 112.50 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF078516.D
 Acq: 14 Apr 2015 23:20

Tgt Ion:202 Resp: 607747
 Ion Ratio Lower Upper
 202 100
 101 14.2 0.0 35.2
 203 18.1 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.62 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

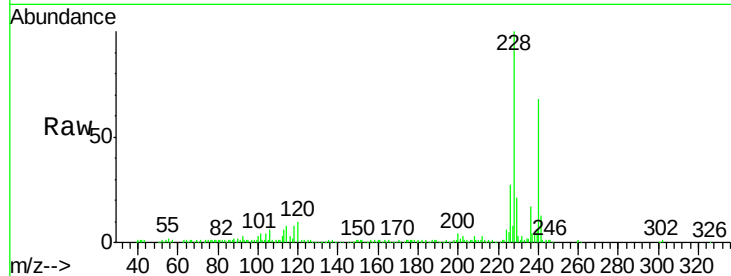
Tgt Ion:240 Resp: 101763

Ion Ratio Lower Upper

240 100

120 14.4 7.1 10.7#

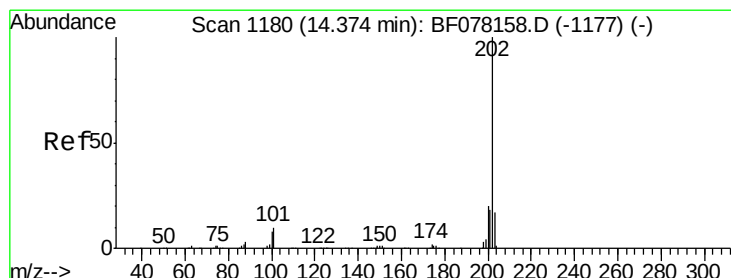
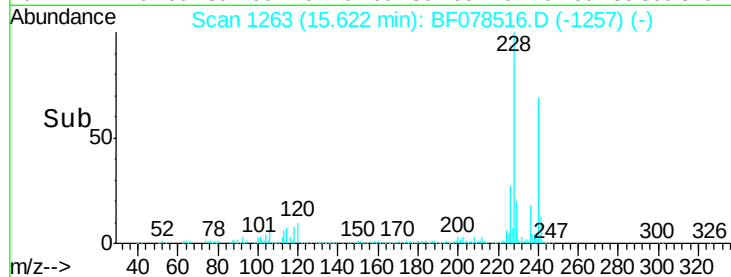
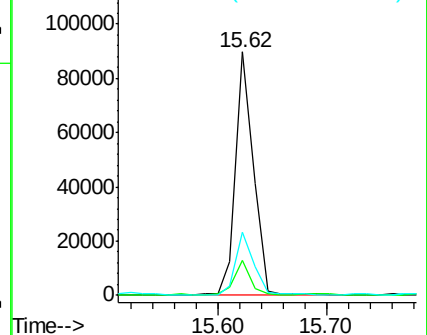
236 25.8 21.4 32.2



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: 85.41 ng

RT: 14.14 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

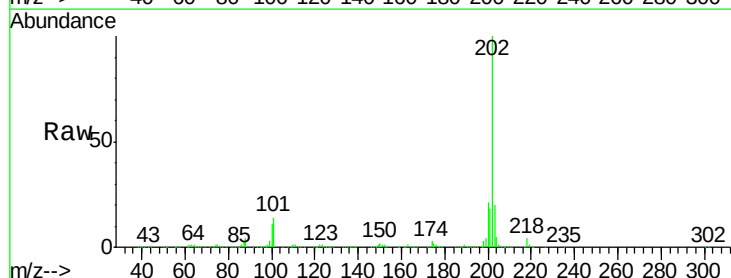
Tgt Ion:202 Resp: 545649

Ion Ratio Lower Upper

202 100

200 21.4 16.3 24.5

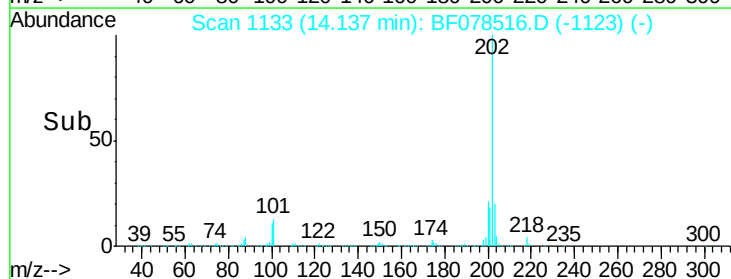
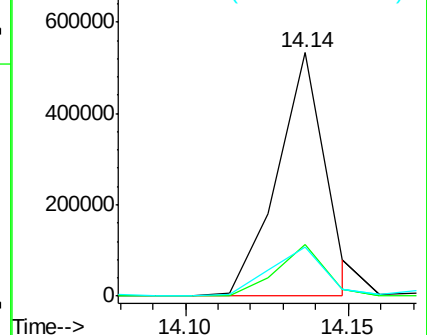
203 20.3 13.8 20.6

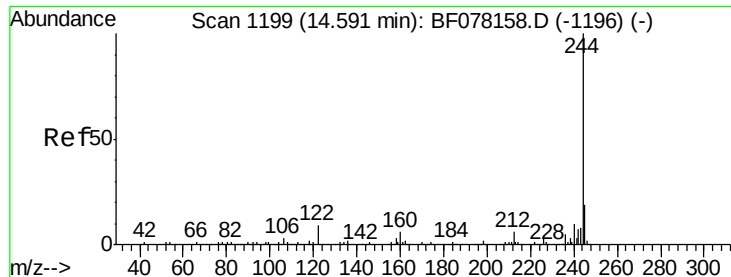


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.77 ng

RT: 14.35 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

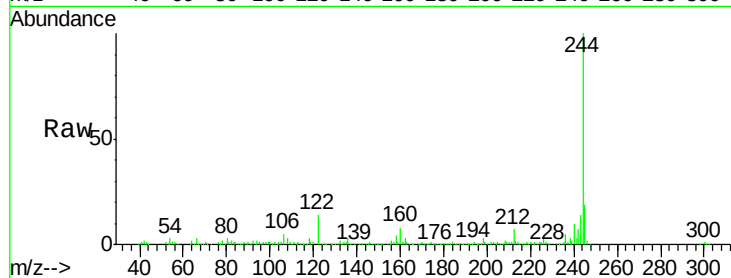
Tgt Ion:244 Resp: 228622

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

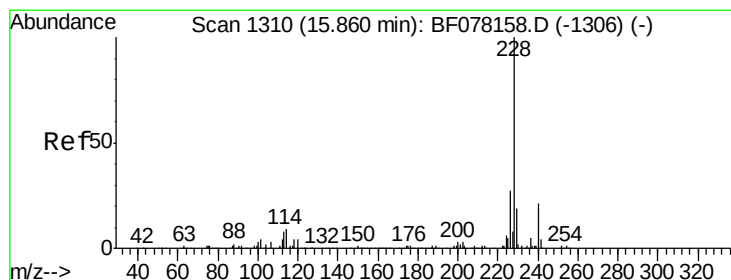
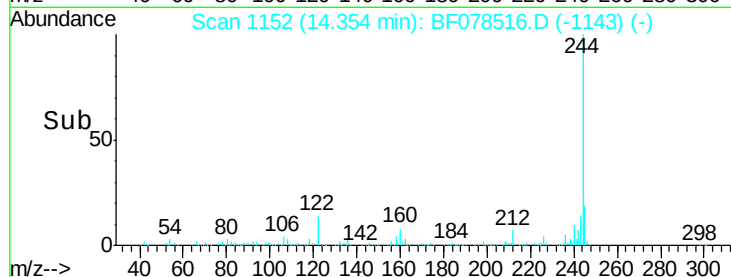
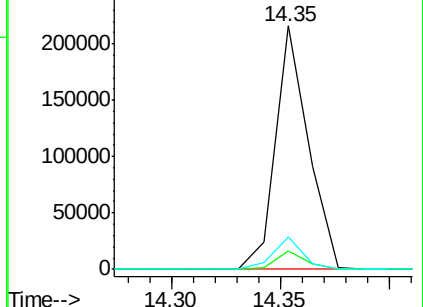
122 13.6 7.1 10.7#



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: 50.16 ng

RT: 15.61 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

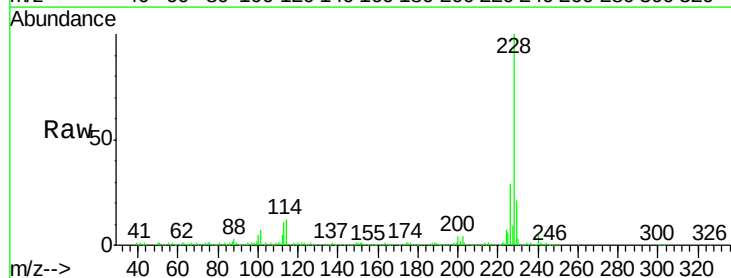
Tgt Ion:228 Resp: 303699

Ion Ratio Lower Upper

228 100

226 28.6 21.3 31.9

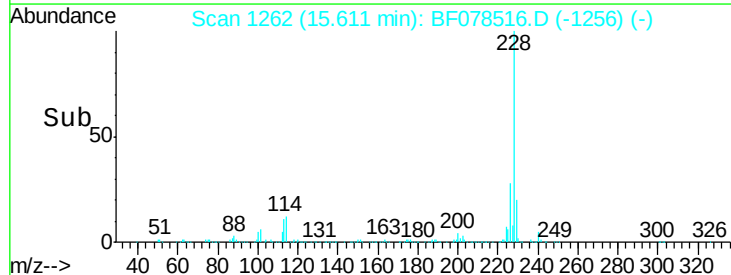
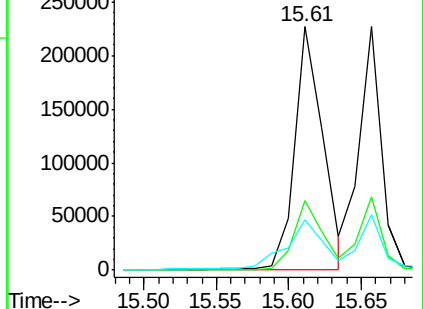
229 20.7 15.4 23.2

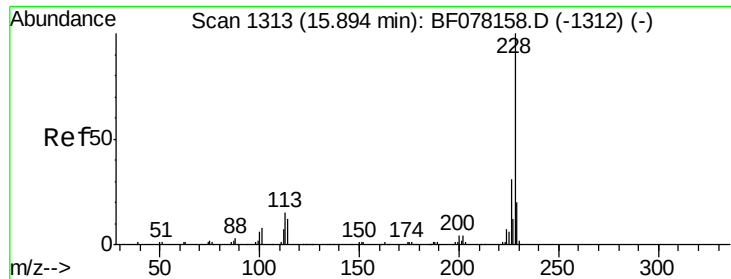


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 42.09 ng

RT: 15.66 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

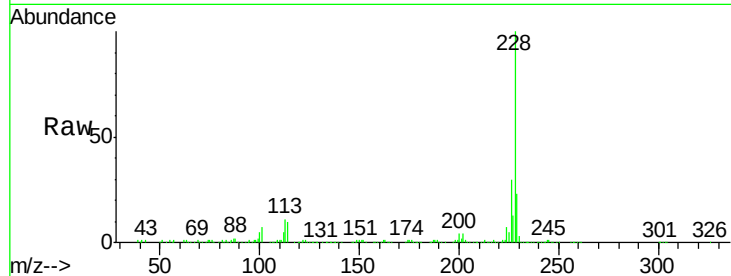
Tgt Ion:228 Resp: 239428

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

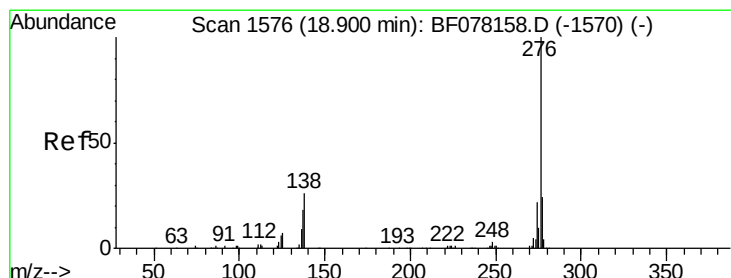
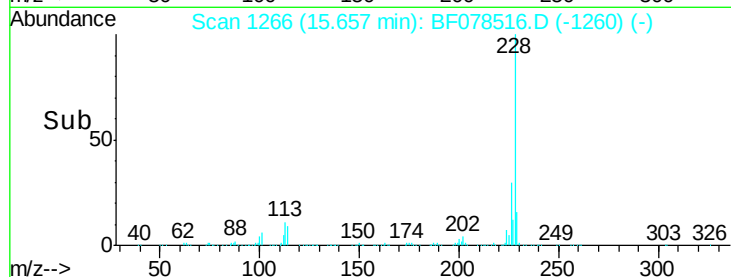
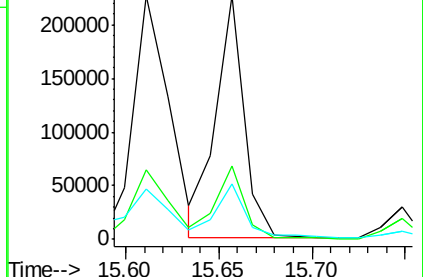
229 22.8 15.8 23.8



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: 16.59 ng

RT: 18.85 min Scan# 1545

Delta R.T. 0.03 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

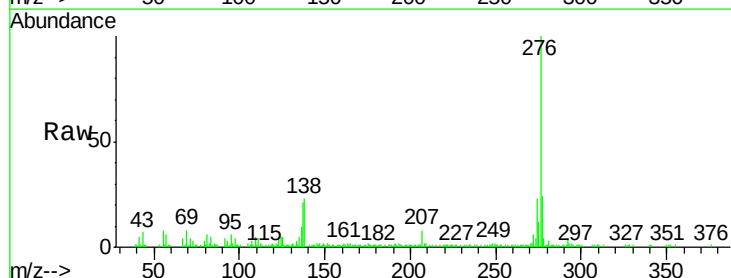
Tgt Ion:276 Resp: 107110

Ion Ratio Lower Upper

276 100

138 24.7 16.9 25.3

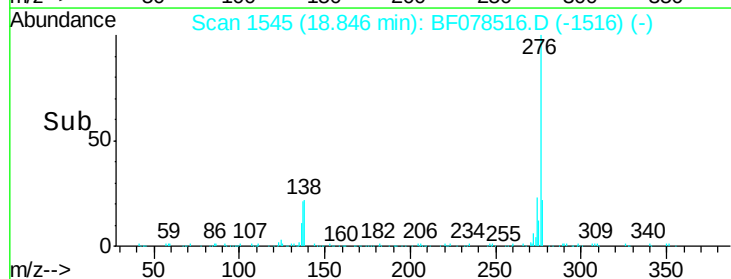
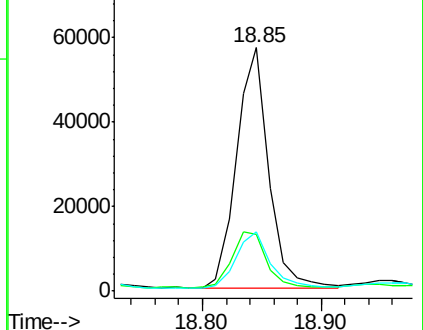
277 25.7 15.8 23.6#

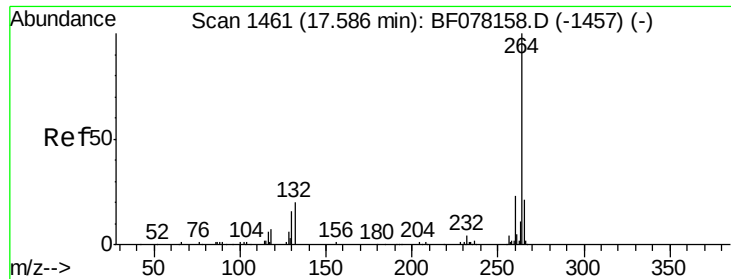


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

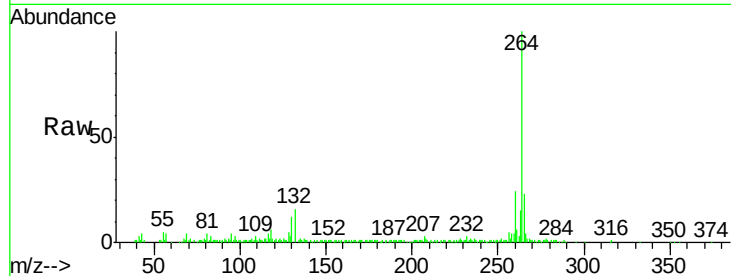




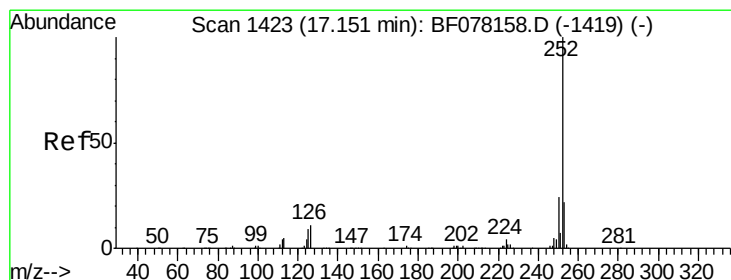
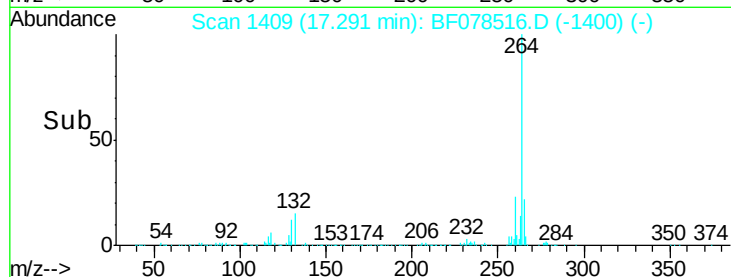
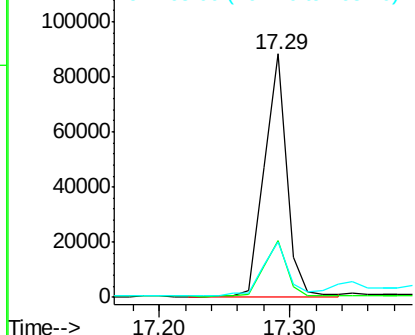
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.29 min Scan# 1409
Delta R.T. -0.19 min
Lab File: BF078516.D
Acq: 14 Apr 2015 23:20

Instrument :
BNA_F
ClientSampleId :
HS-SB01B

Tgt Ion: 264 Resp: 106224
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 22.8 17.0 25.6

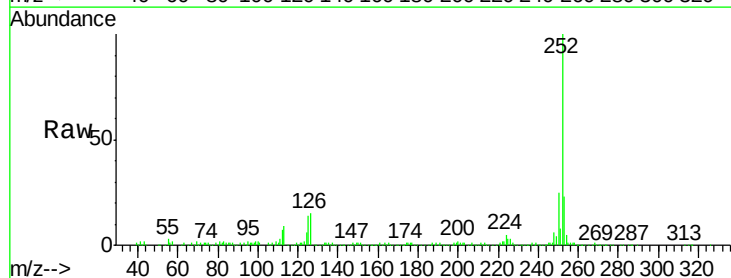


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

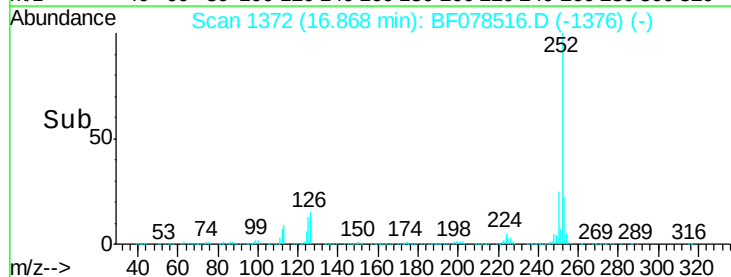
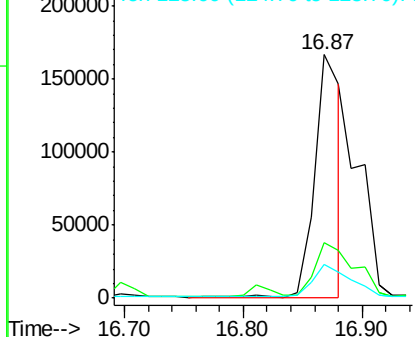


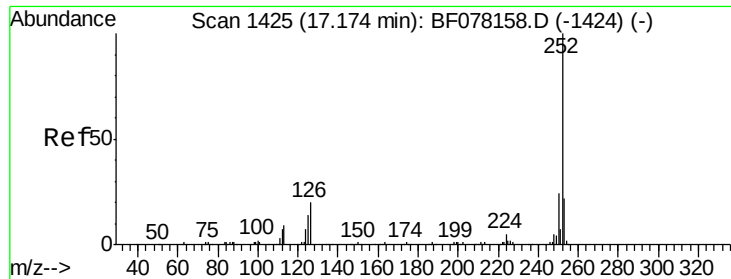
#87
Benzo(b)fluoranthene
Concen: 39.03 ng
RT: 16.87 min Scan# 1372
Delta R.T. -0.15 min
Lab File: BF078516.D
Acq: 14 Apr 2015 23:20

Tgt Ion: 252 Resp: 256230
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 13.6 7.0 10.4#



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

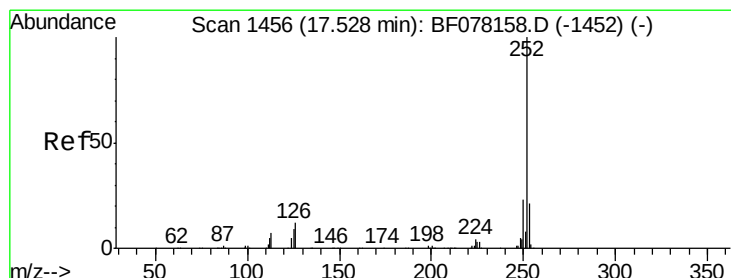
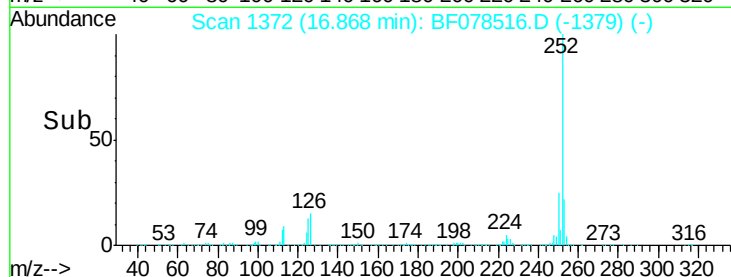
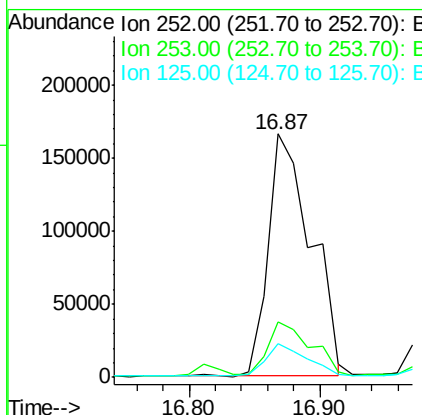
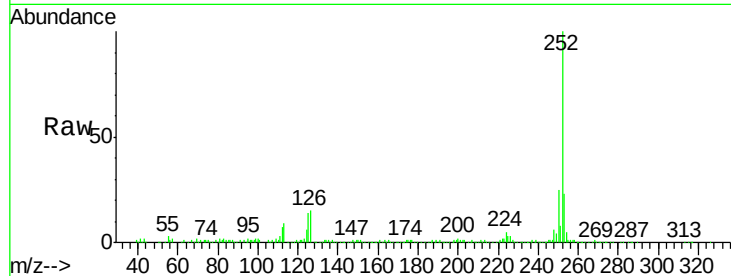




#88
Benzo(k)fluoranthene
Concen: 65.05 ng
RT: 16.87 min Scan# 1372
Delta R.T. -0.18 min
Lab File: BF078516.D
Acq: 14 Apr 2015 23:20

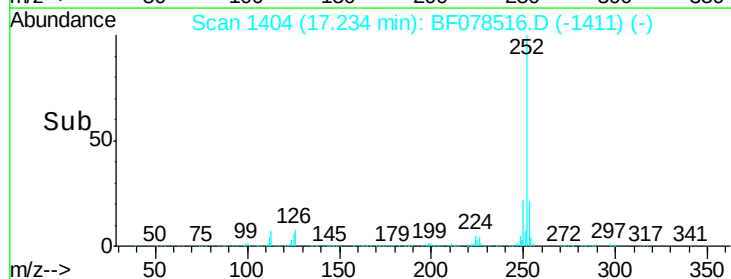
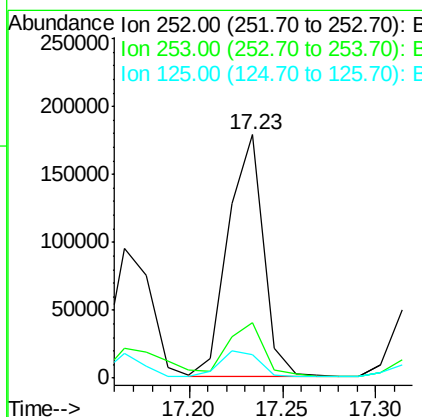
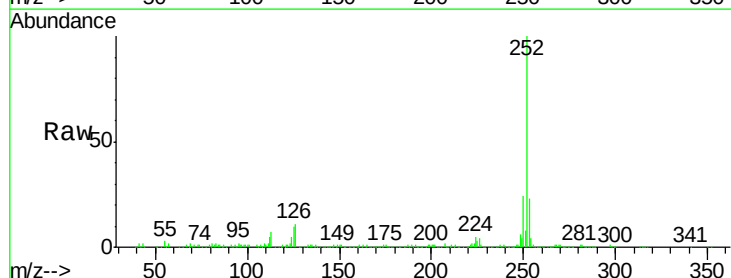
Instrument :
BNA_F
ClientSampleId :
HS-SB01B

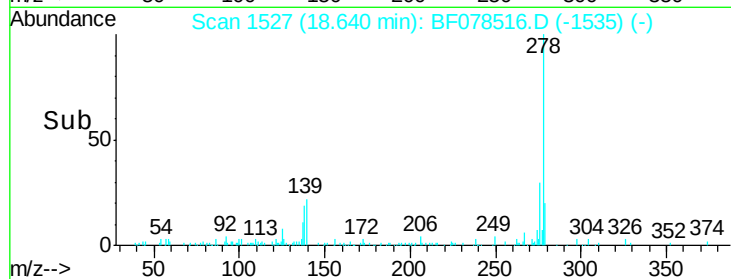
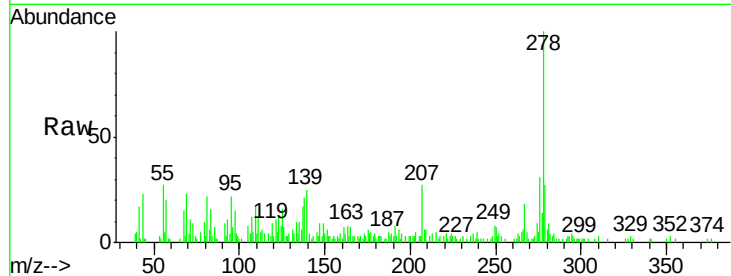
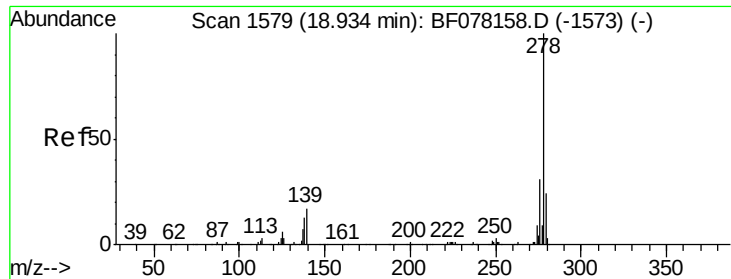
Tgt Ion:252 Resp: 379511
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 13.6 11.6 17.4



#89
Benzo(a)pyrene
Concen: 40.75 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.18 min
Lab File: BF078516.D
Acq: 14 Apr 2015 23:20

Tgt Ion:252 Resp: 233485
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 9.7 7.4 11.0





#90

Dibenzo(a,h)anthracene

Concen: 5.67 ng

RT: 18.64 min Scan# 1527

Delta R.T. -0.19 min

Lab File: BF078516.D

Acq: 14 Apr 2015 23:20

Instrument :

BNA_F

ClientSampleId :

HS-SB01B

Tgt Ion:278 Resp: 32544

Ion Ratio Lower Upper

278 100

139 24.9 13.6 20.4#

279 27.3 19.0 28.6

