

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078518.D
 Acq On : 15 Apr 2015 00:18
 Operator : TP/IZ
 Sample : G1828-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB04B

Quant Time: Apr 15 01:27:32 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	6.81	152	19343	20.00	ng	0.01
21) Naphthalene-d8	8.39	136	80289	20.00	ng	0.00
38) Acenaphthene-d10	10.54	164	43308	20.00	ng	0.00
63) Phenanthrene-d10	12.37	188	87655	20.00	ng	0.00
75) Chrysene-d12	15.62	240	96045	20.00	ng	-0.03
86) Perylene-d12	17.30	264	103588	20.00	ng	-0.18

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	168123	143.31	ng	0.01
7) Phenol-d6	6.41	99	219216	149.10	ng	0.00
23) Nitrobenzene-d5	7.51	82	120451	90.93	ng	0.00
41) 2,4,6-Tribromophenol	11.52	330	53385	148.63	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	204548	67.51	ng	0.00
78) Terphenyl-d14	14.35	244	247044	58.12	ng	0.00

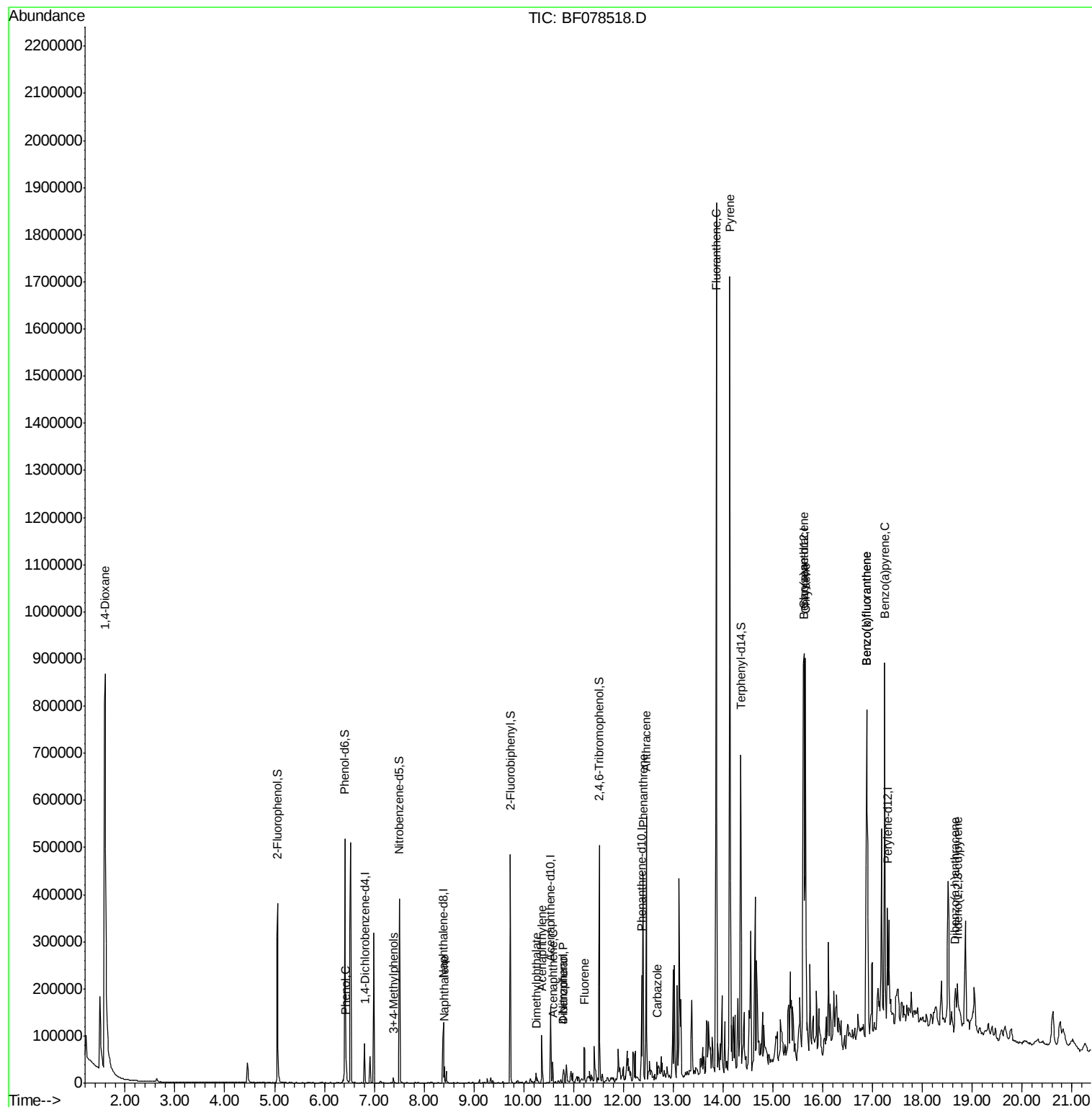
Target Compounds						Qvalue
2) 1,4-Dioxane	1.60	88	42637	80.37	ng	# 23
10) Phenol	6.43	94	6515	3.70	ng	85
20) 3+4-Methylphenols	7.38	107	4907	3.42	ng	94
31) Naphthalene	8.41	128	17349	4.15	ng	98
48) Acenaphthylene	10.36	152	47902	10.64	ng	99
49) Dimethylphthalate	10.25	163	13059	4.01	ng	# 97
51) Acenaphthene	10.58	154	11720	4.63	ng	96
54) Dibenzofuran	10.80	168	12462	3.22	ng	98
55) 4-Nitrophenol	10.80	139	4731	10.91	ng	# 18
57) Fluorene	11.22	166	30350	9.67	ng	99
70) Phenanthrene	12.40	178	235371	46.42	ng	100
71) Anthracene	12.46	178	218405	43.71	ng	100
72) Carbazole	12.67	167	10724	2.29	ng	95
74) Fluoranthene	13.86	202	891189	166.66	ng	97
77) Pyrene	14.14	202	735328	121.96	ng	# 93
80) Benzo(a)anthracene	15.61	228	482115	84.37	ng	94
82) Chrysene	15.66	228	353036	65.75	ng	98
85) Indeno(1,2,3-cd)pyrene	18.71	276	16685	2.74	ng	# 26
87) Benzo(b)fluoranthene	16.88	252	412886	64.49	ng	# 95
88) Benzo(k)fluoranthene	16.88	252	594095	104.42	ng	97
89) Benzo(a)pyrene	17.25	252	356271	63.76	ng	96
90) Dibenzo(a,h)anthracene	18.66	278	49449	8.84	ng	93

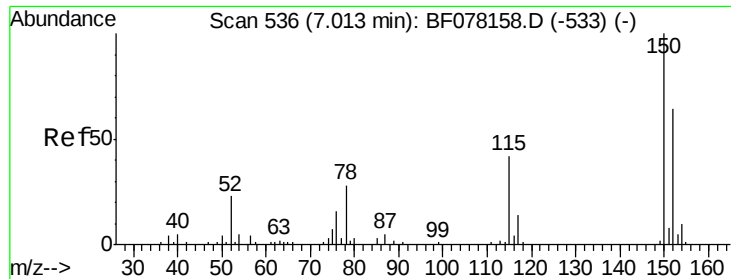
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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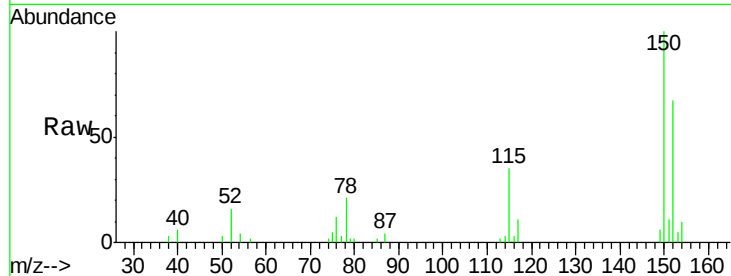


#1

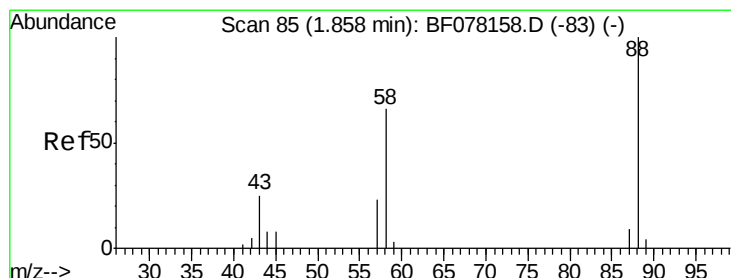
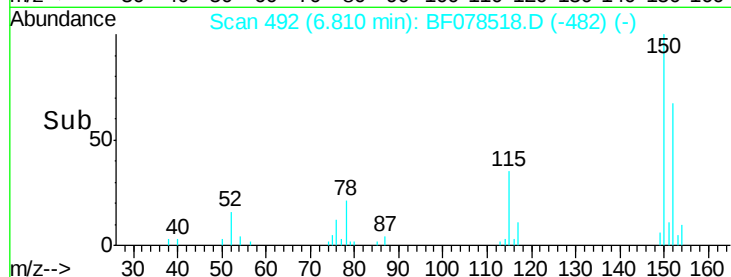
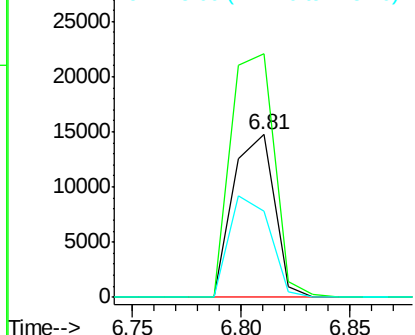
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:152 Resp: 19343
Ion Ratio Lower Upper
152 100
150 149.6 125.9 188.9
115 52.6 52.7 79.1#



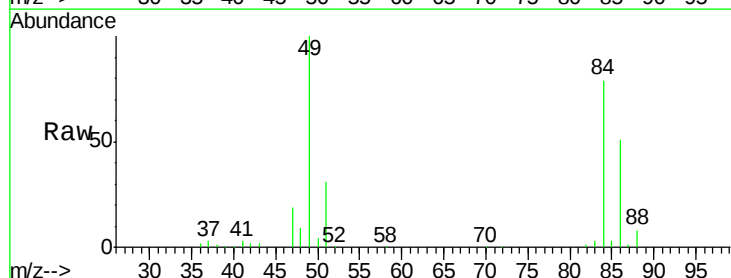
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



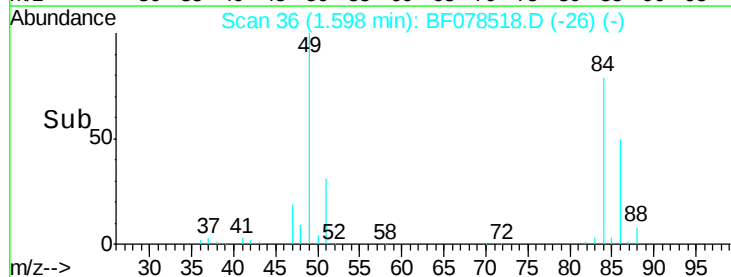
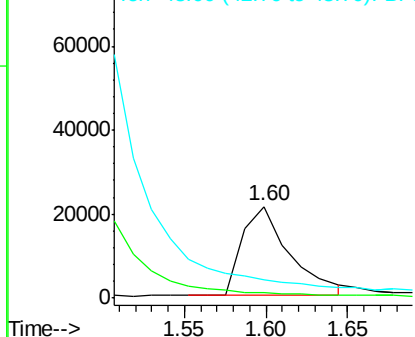
#2

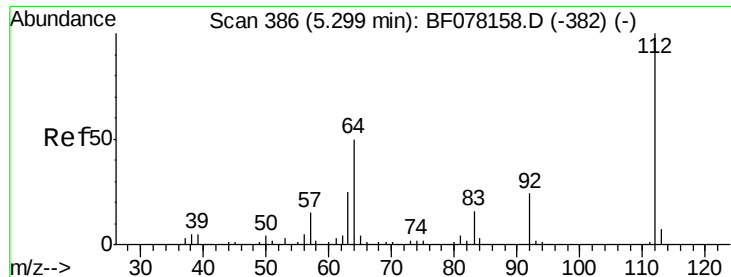
1,4-Dioxane
Concen: 80.37 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion: 88 Resp: 42637
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: 143.31 ng

RT: 5.06 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

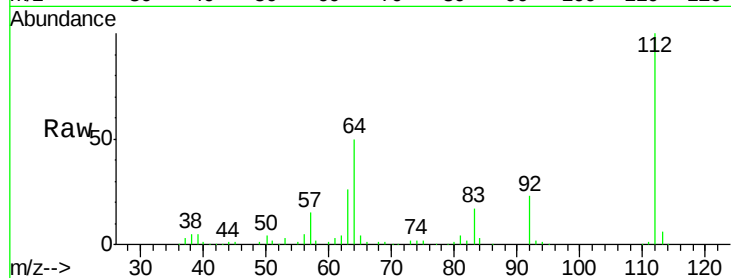
Tgt Ion: 112 Resp: 168123

Ion Ratio Lower Upper

112 100

64 50.2 39.9 59.9

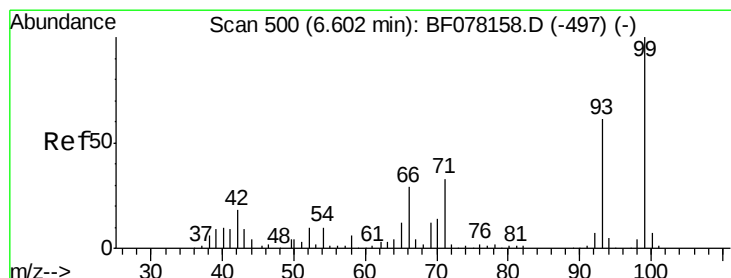
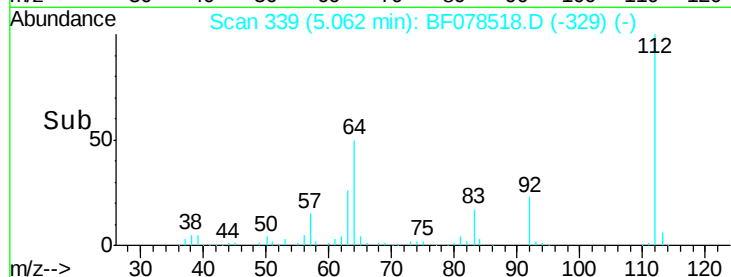
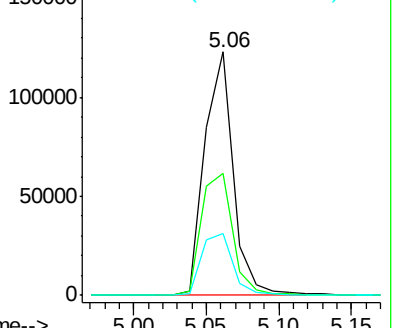
63 25.6 20.2 30.4



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: 149.10 ng

RT: 6.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

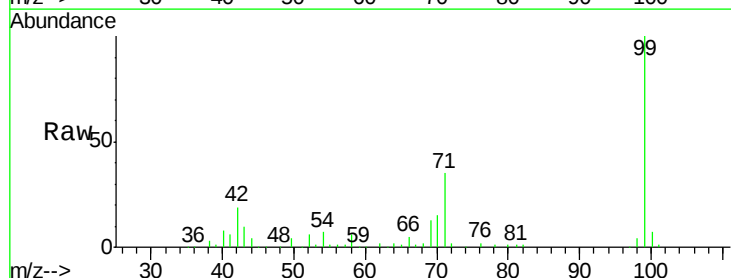
Tgt Ion: 99 Resp: 219216

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

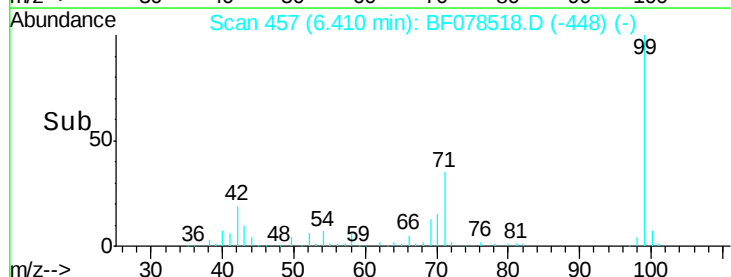
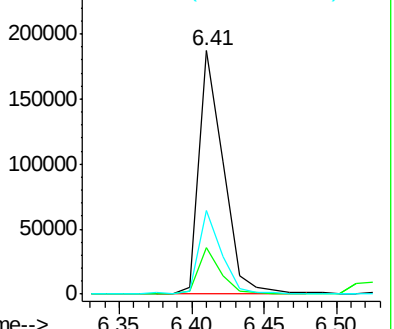
71 34.6 26.6 39.8

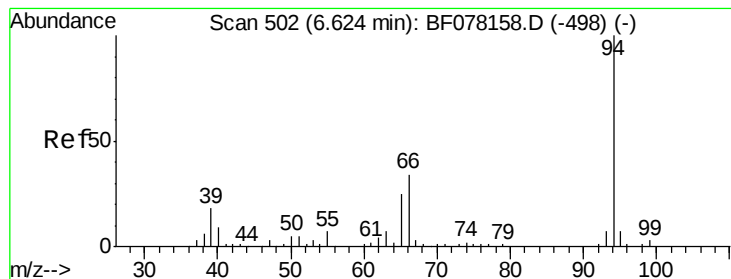


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.70 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

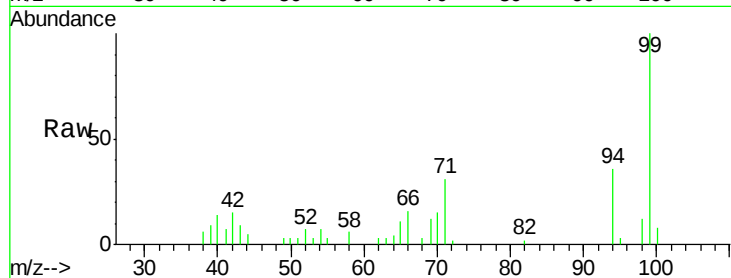
Tgt Ion: 94 Resp: 6515

Ion Ratio Lower Upper

94 100

65 29.2 4.9 44.9

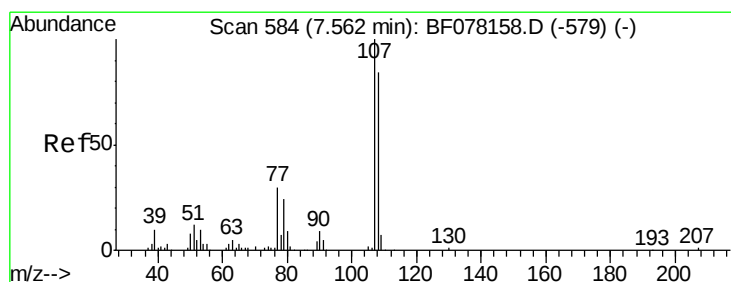
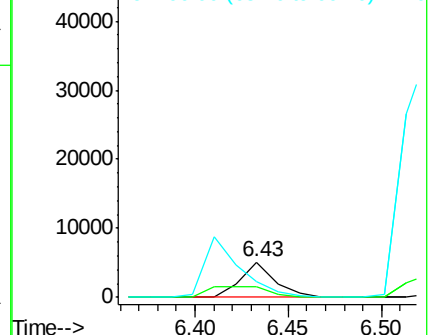
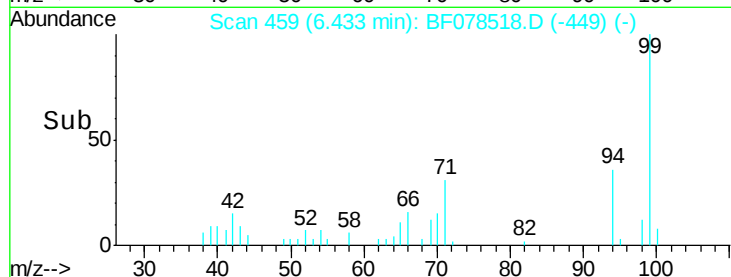
66 44.7 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#20

3+4-Methylphenols

Concen: 3.42 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Tgt Ion: 107 Resp: 4907

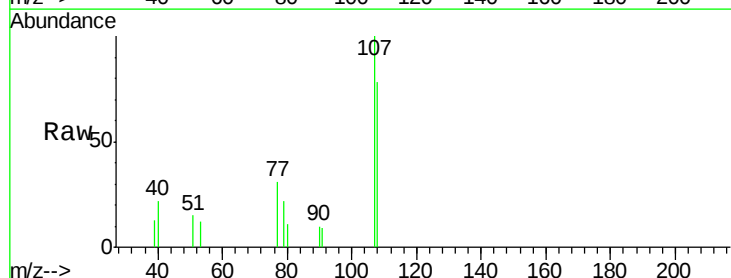
Ion Ratio Lower Upper

107 100

108 77.7 64.4 104.4

77 30.7 9.7 49.7

79 21.5 4.0 44.0

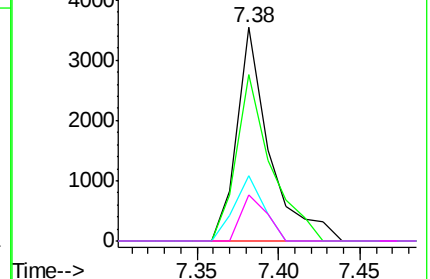
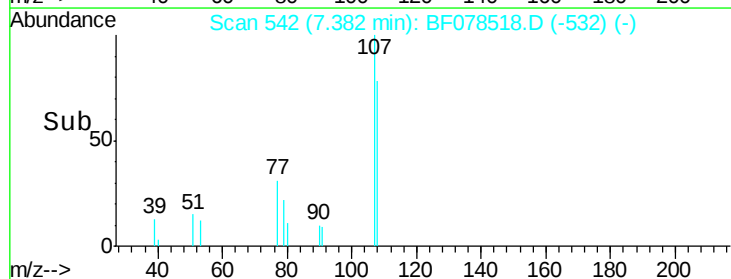


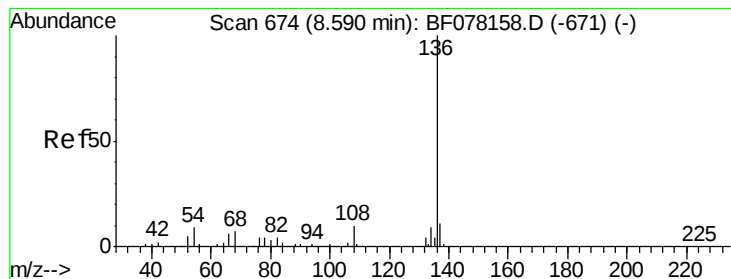
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

Tgt Ion:136 Resp: 80289

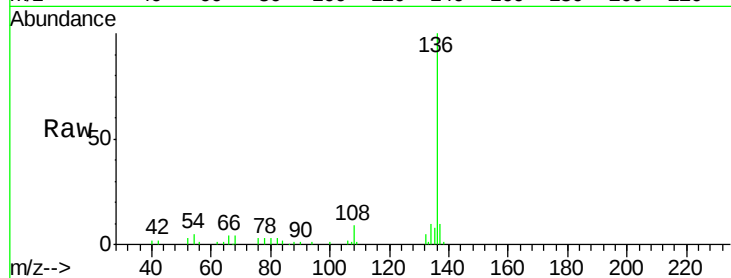
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 5.5 7.0 10.6#

68 4.4 5.4 8.2#

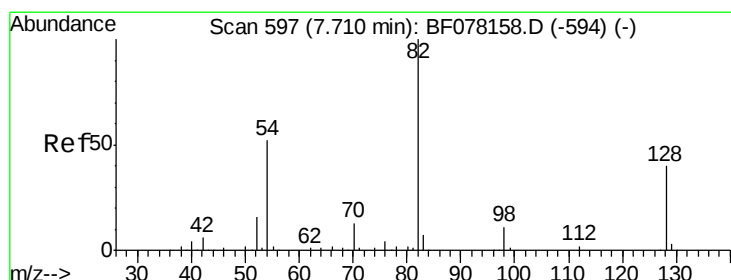
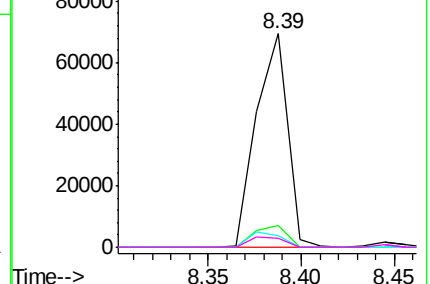
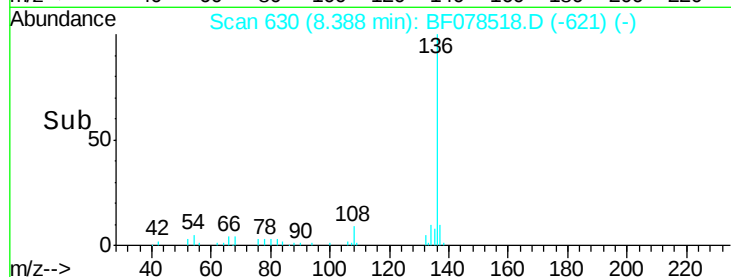


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.93 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

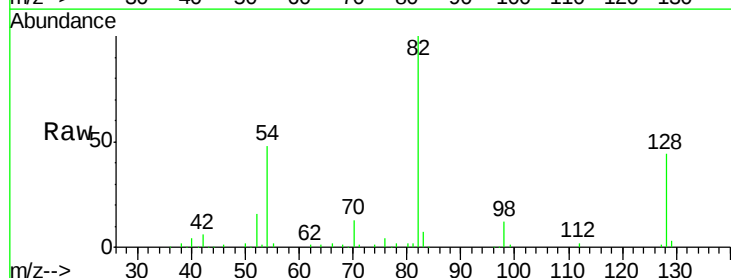
Tgt Ion: 82 Resp: 120451

Ion Ratio Lower Upper

82 100

128 44.4 31.8 47.8

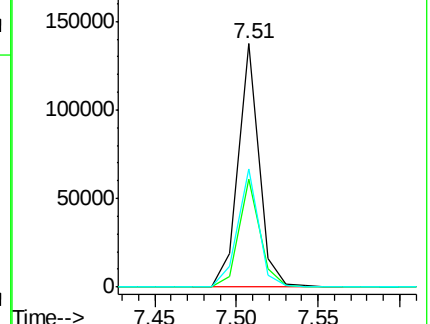
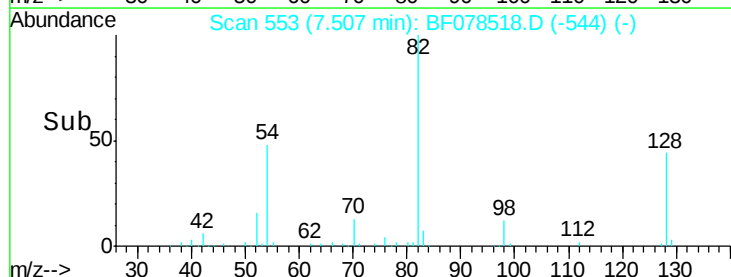
54 48.4 41.5 62.3

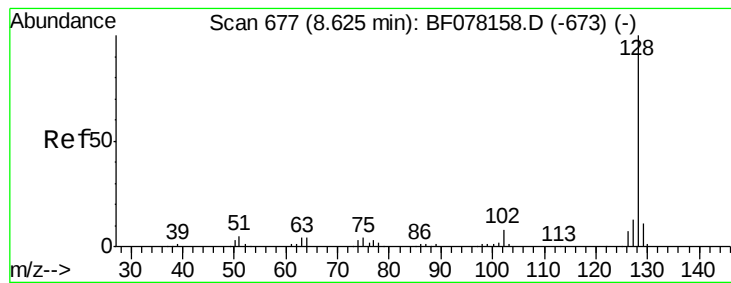


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 4.15 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

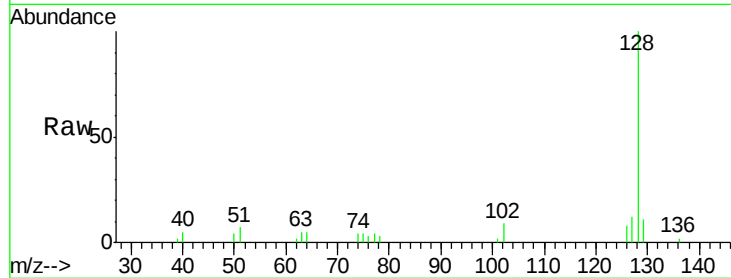
Tgt Ion:128 Resp: 17349

Ion Ratio Lower Upper

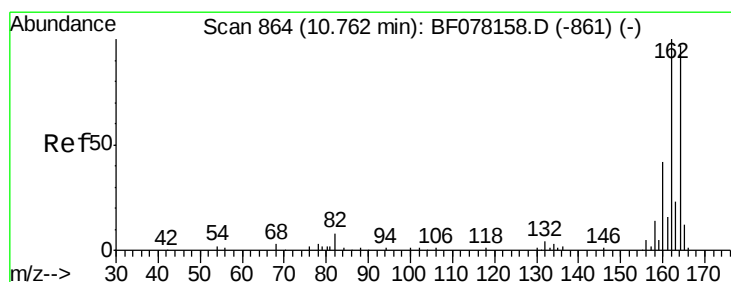
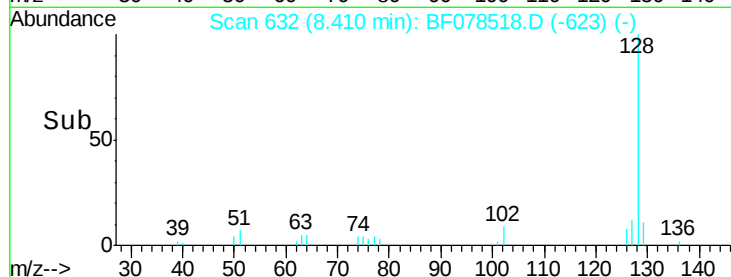
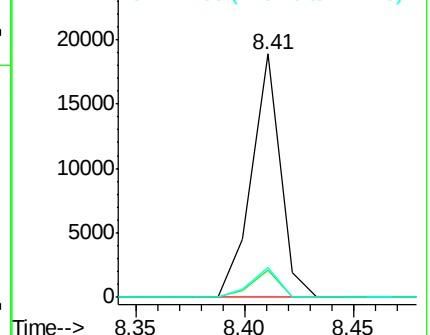
128 100

129 11.2 8.6 12.8

127 12.3 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.54 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

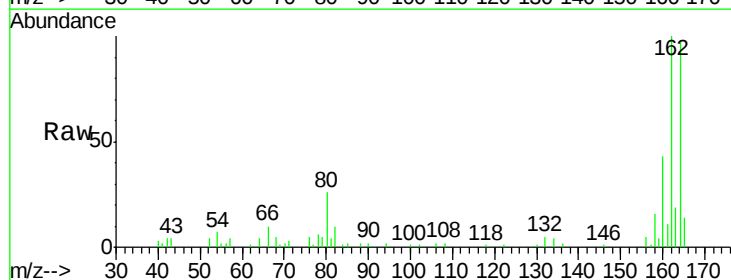
Tgt Ion:164 Resp: 43308

Ion Ratio Lower Upper

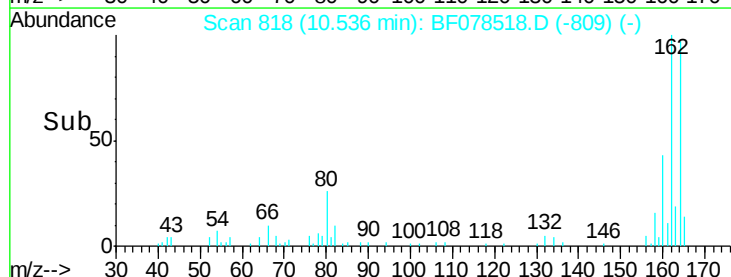
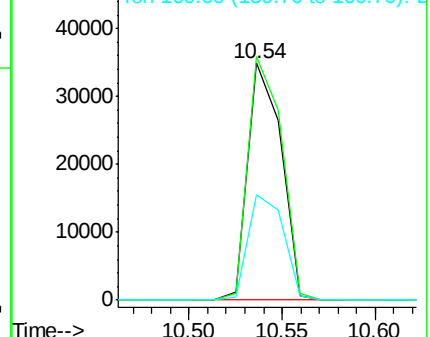
164 100

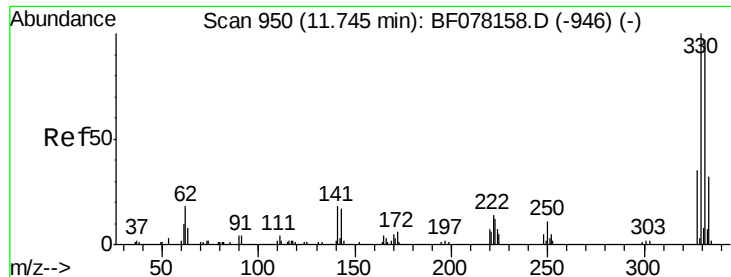
162 102.7 82.2 123.2

160 44.7 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

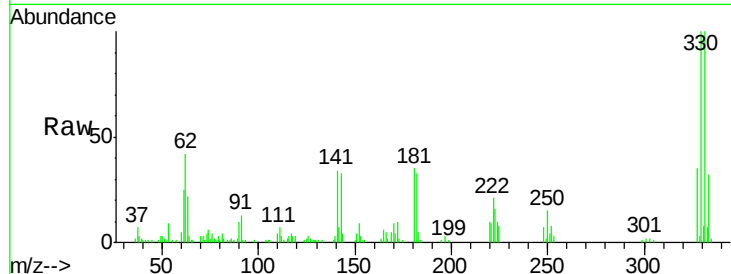




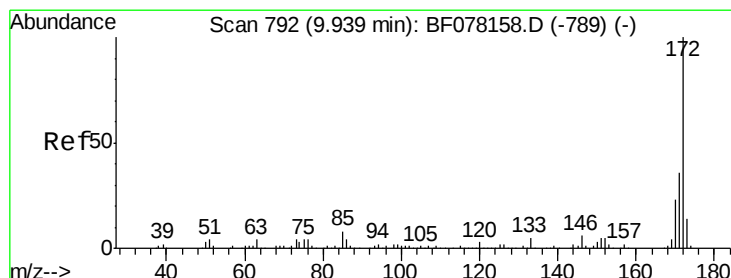
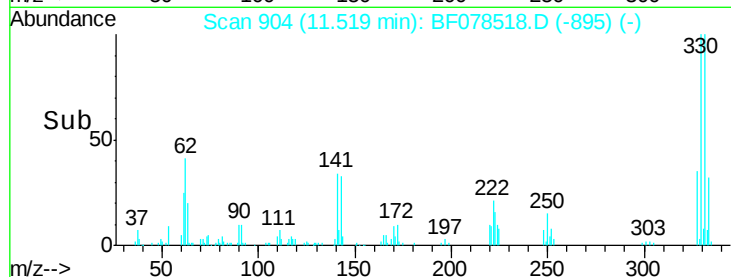
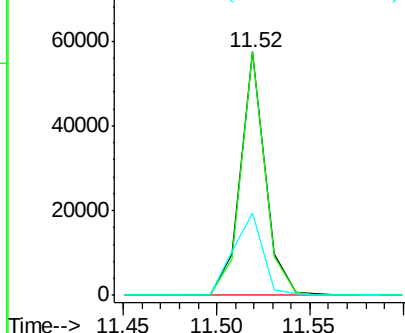
#41
 2,4,6-Tribromophenol
 Concen: 148.63 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078518.D
 Acq: 15 Apr 2015 00:18

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB04B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	117.8
141	40.4	31.2	46.8

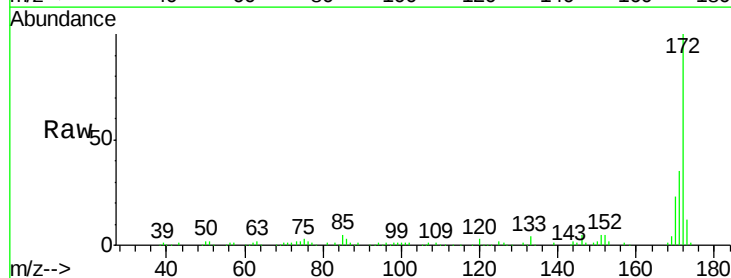


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

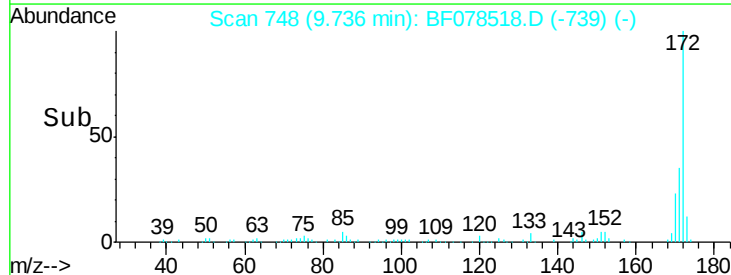
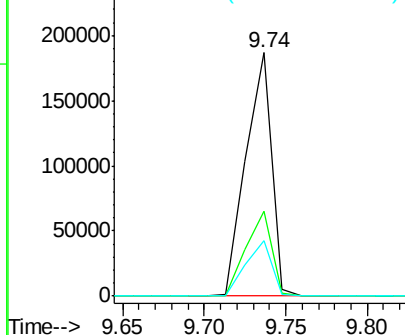


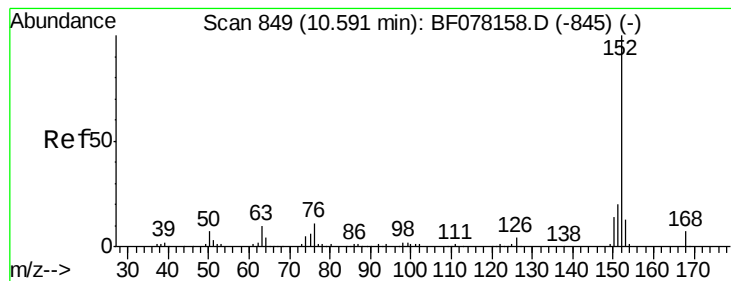
#44
 2-Fluorobiphenyl
 Concen: 67.51 ng
 RT: 9.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF078518.D
 Acq: 15 Apr 2015 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.8	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: 10.64 ng

RT: 10.36 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

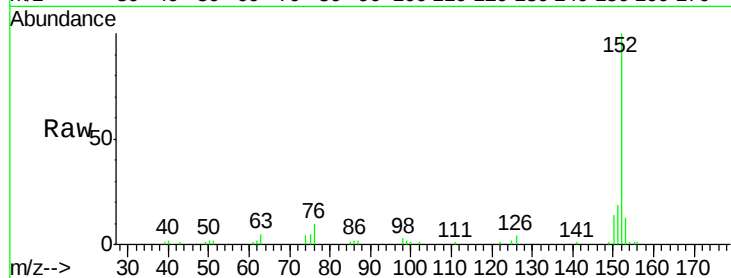
Tgt Ion:152 Resp: 47902

Ion Ratio Lower Upper

152 100

151 19.2 15.7 23.5

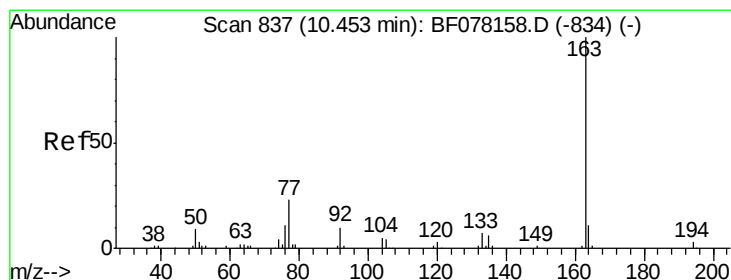
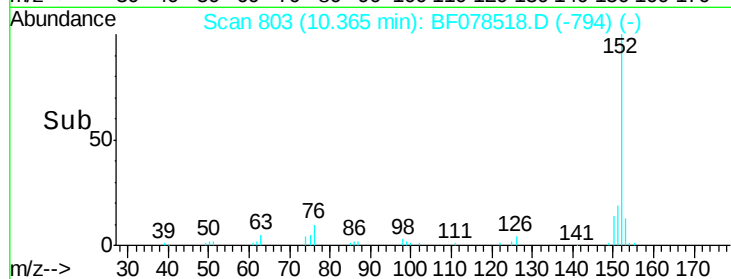
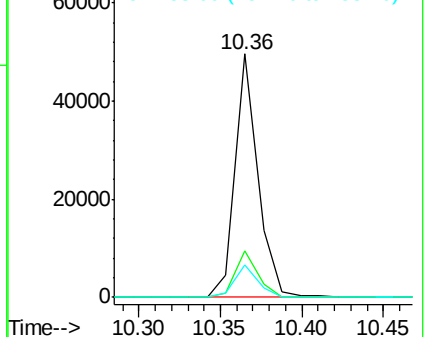
153 13.4 10.2 15.2



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: 4.01 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

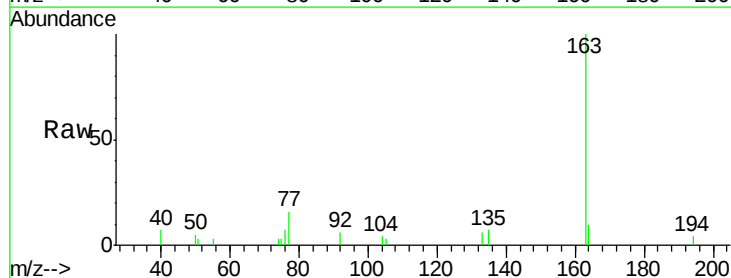
Tgt Ion:163 Resp: 13059

Ion Ratio Lower Upper

163 100

194 3.9 2.3 3.5#

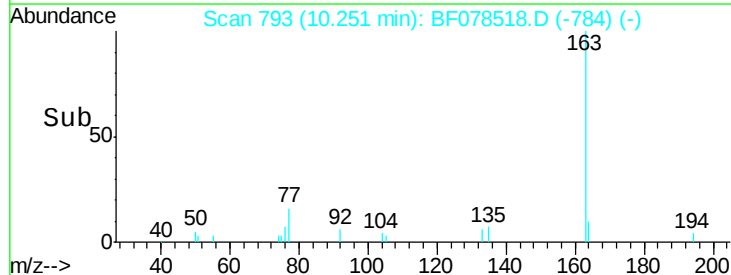
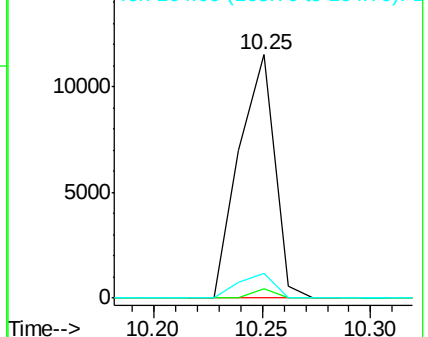
164 9.9 8.6 13.0

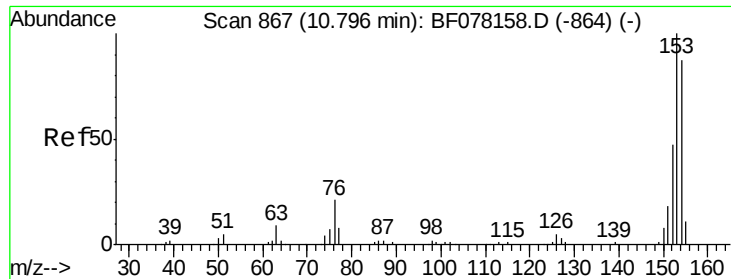


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

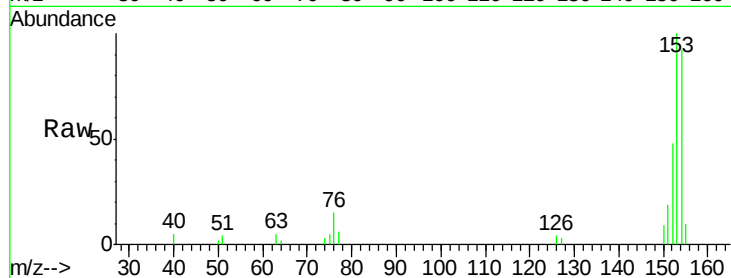




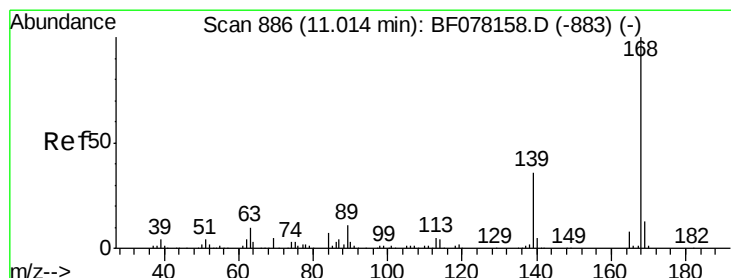
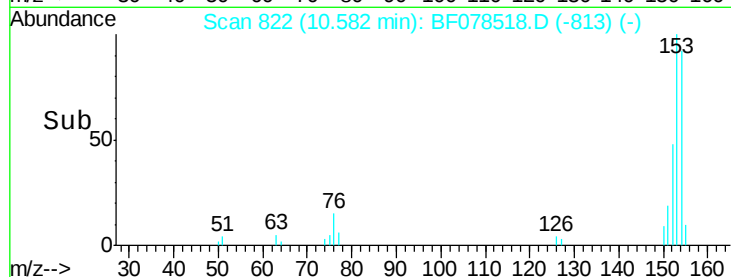
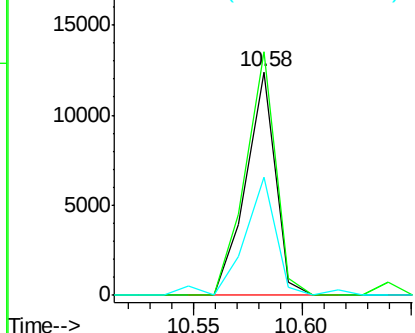
#51
Acenaphthene
Concen: 4.63 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:154 Resp: 11720
Ion Ratio Lower Upper
154 100
153 108.8 91.4 137.2
152 52.7 43.0 64.6

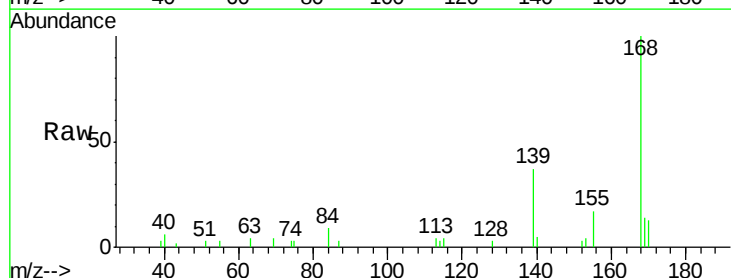


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

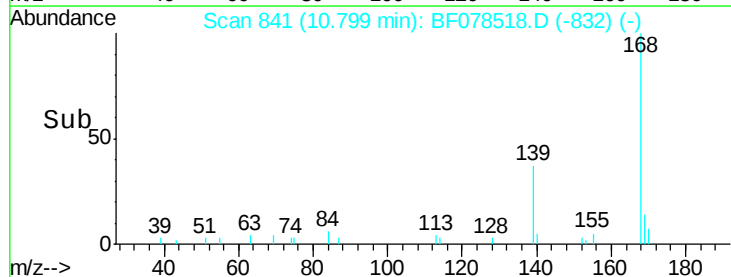
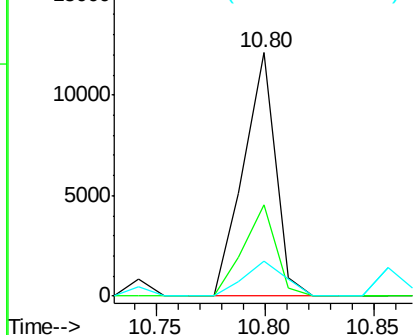


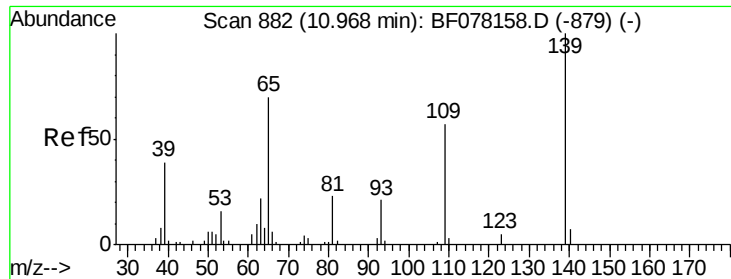
#54
Dibenzofuran
Concen: 3.22 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:168 Resp: 12462
Ion Ratio Lower Upper
168 100
139 37.4 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

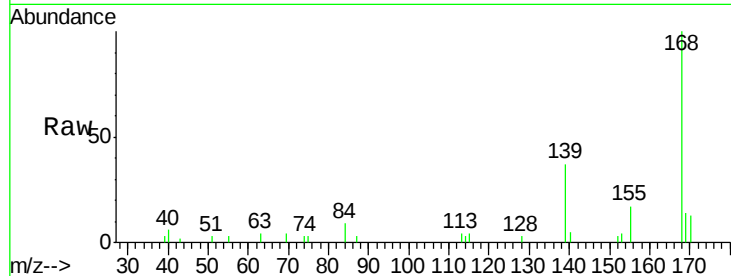




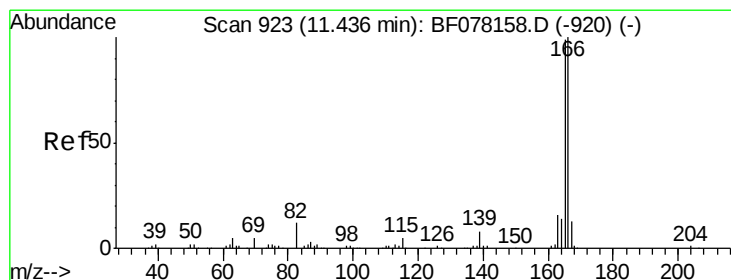
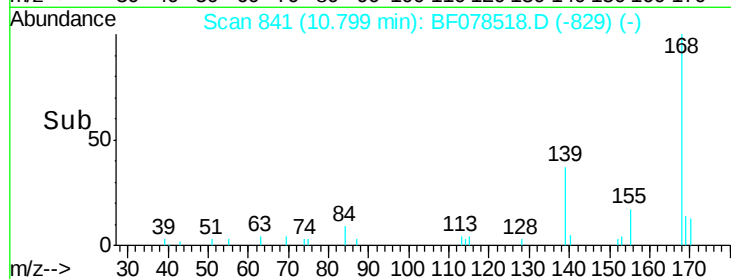
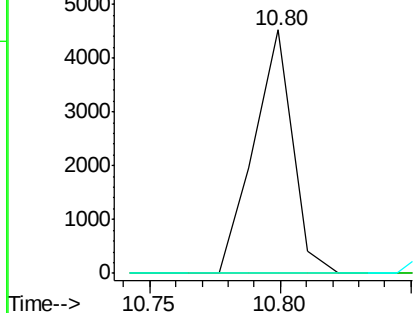
#55
4-Nitrophenol
Concen: 10.91 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.03 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Instrument :
BNA_F
ClientSampleId :
HS-SB04B

Tgt Ion:139 Resp: 4731
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#

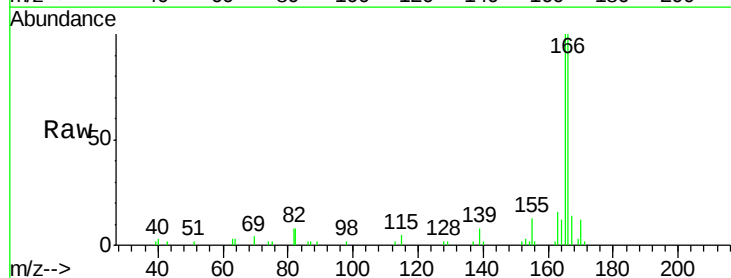


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

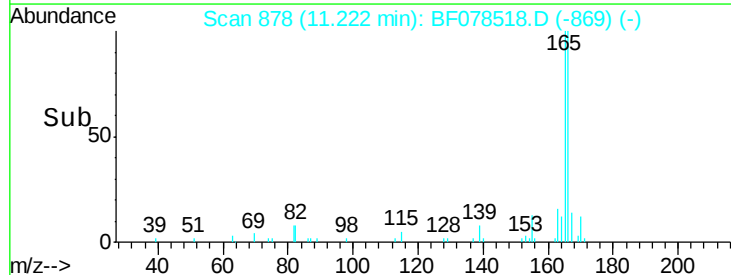
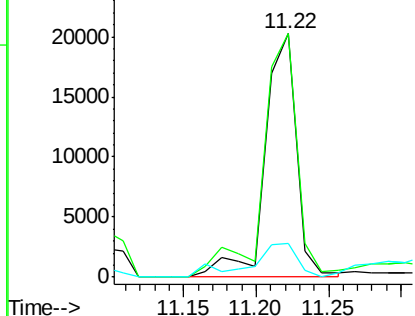


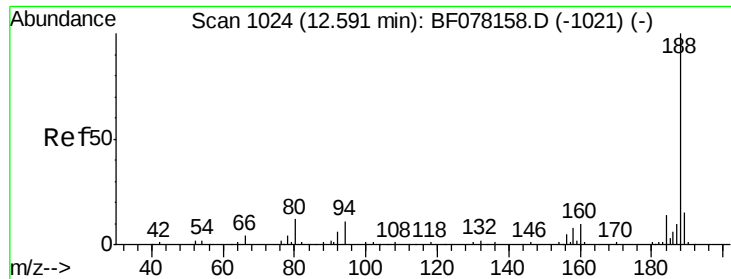
#57
Fluorene
Concen: 9.67 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:166 Resp: 30350
Ion Ratio Lower Upper
166 100
165 100.0 78.9 118.3
167 13.9 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

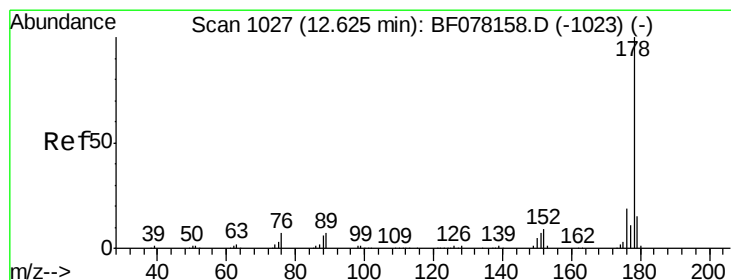
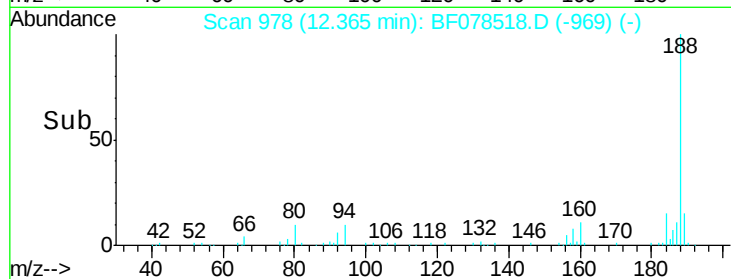
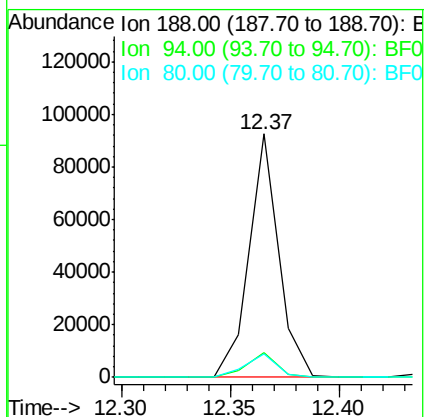
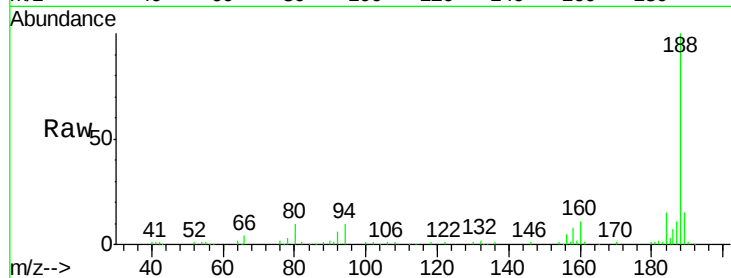




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

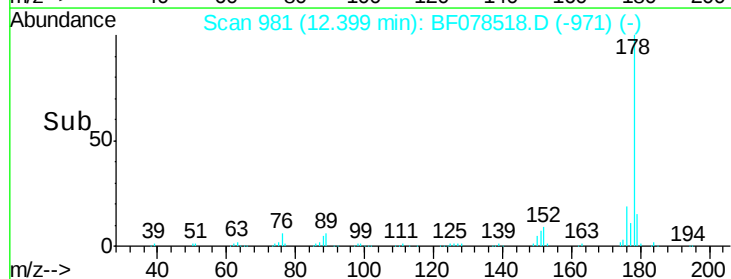
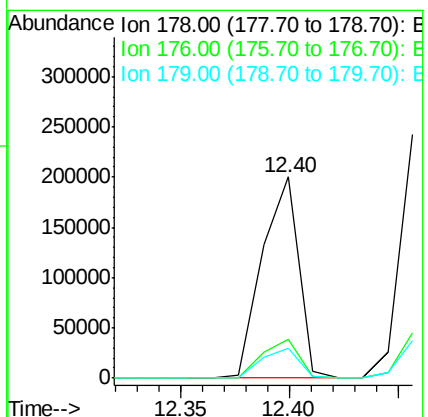
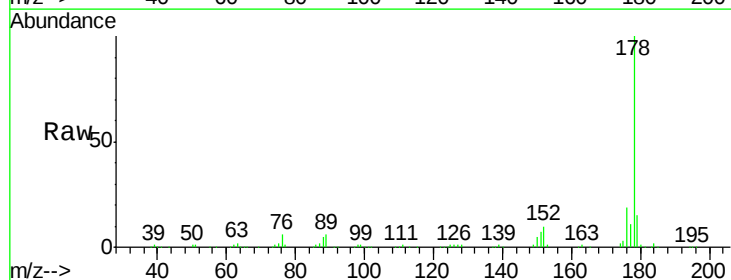
Instrument :
BNA_F
ClientSampleId :
HS-SB04B

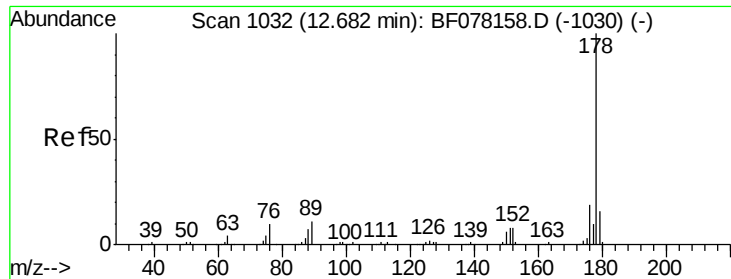
Tgt Ion:188 Resp: 87655
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.4
80 9.9 9.5 14.3



#70
Phenanthrene
Concen: 46.42 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF078518.D
Acq: 15 Apr 2015 00:18

Tgt Ion:178 Resp: 235371
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 14.9 12.2 18.2

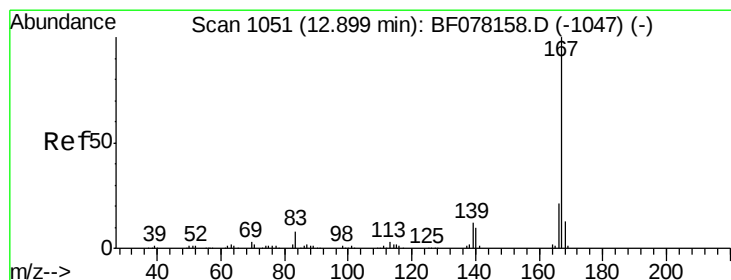
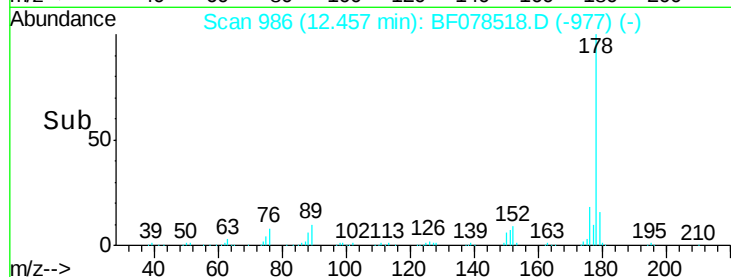
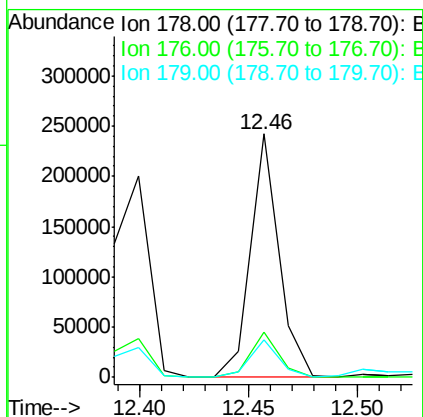
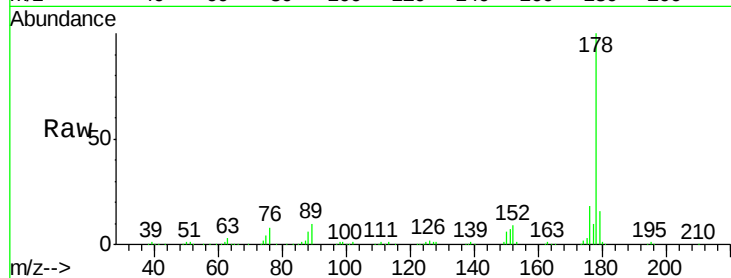




#71
 Anthracene
 Concen: 43.71 ng
 RT: 12.46 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF078518.D
 Acq: 15 Apr 2015 00:18

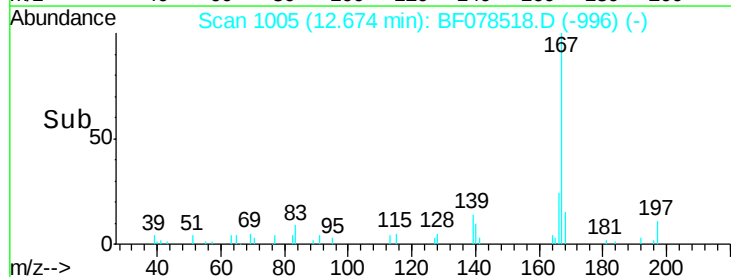
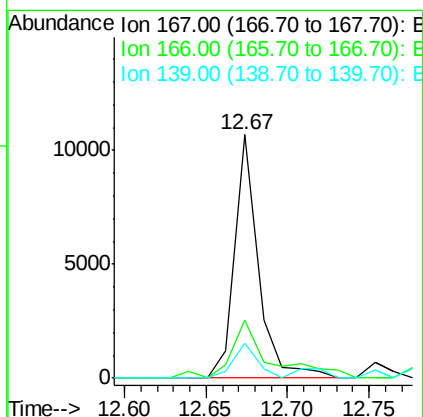
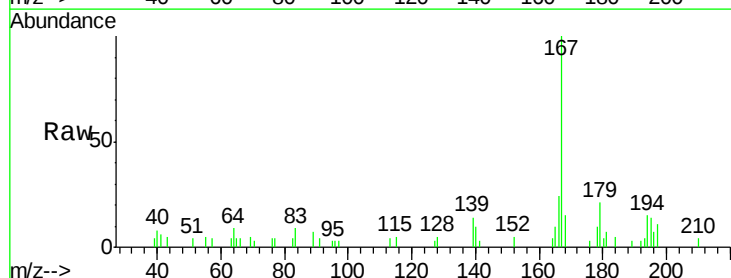
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB04B

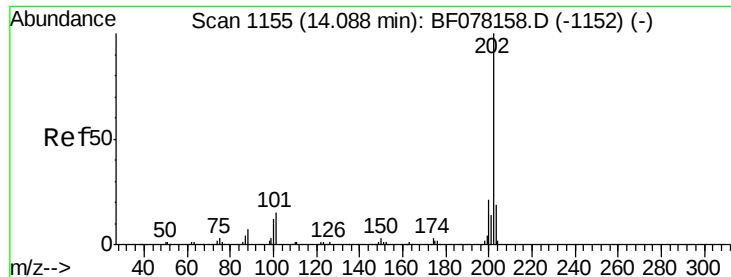
Tgt Ion:178 Resp: 218405
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.6 12.4 18.6



#72
 Carbazole
 Concen: 2.29 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF078518.D
 Acq: 15 Apr 2015 00:18

Tgt Ion:167 Resp: 10724
 Ion Ratio Lower Upper
 167 100
 166 23.6 16.8 25.2
 139 14.3 10.0 15.0





#74

Fluoranthene

Concen: 166.66 ng

RT: 13.86 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

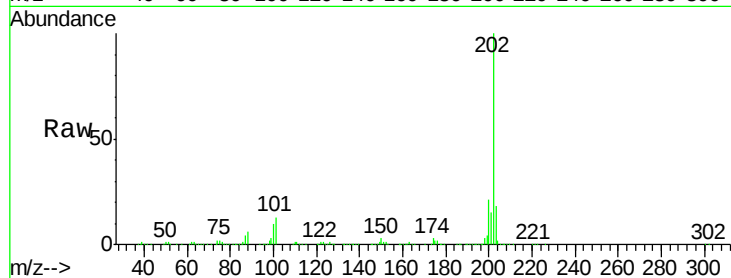
Tgt Ion:202 Resp: 891189

Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.2

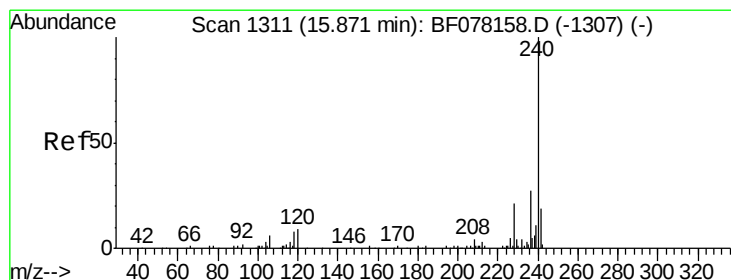
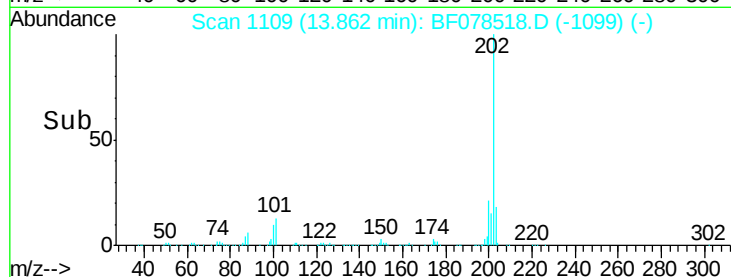
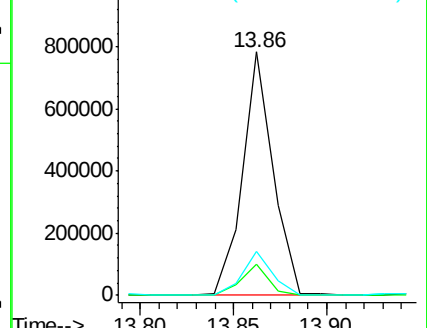
203 18.1 0.0 38.5



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: 15.62 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

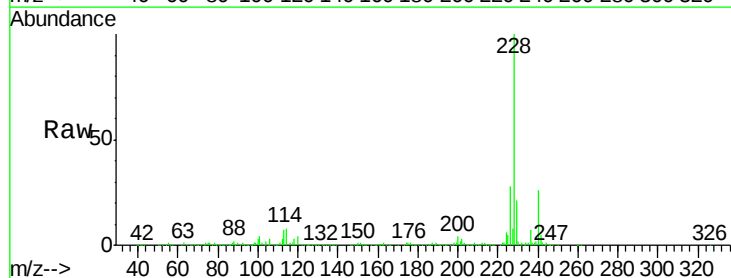
Tgt Ion:240 Resp: 96045

Ion Ratio Lower Upper

240 100

120 14.5 7.1 10.7#

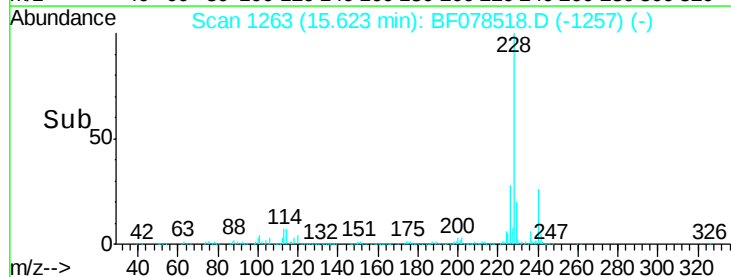
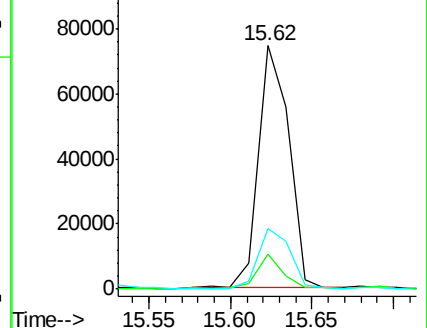
236 25.1 21.4 32.2

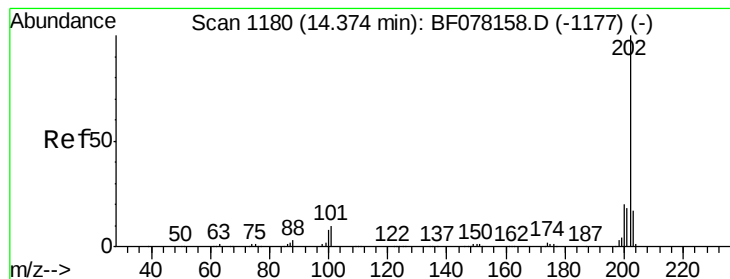


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 121.96 ng

RT: 14.14 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

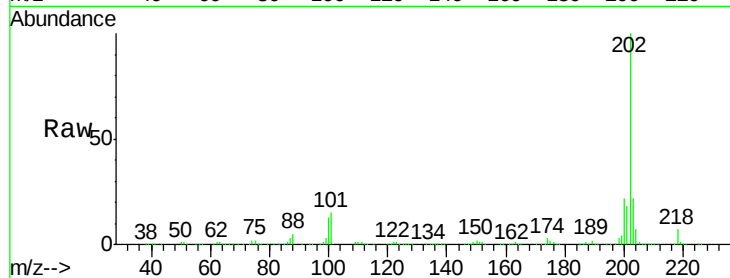
Tgt Ion: 202 Resp: 735328

Ion Ratio Lower Upper

202 100

200 21.9 16.3 24.5

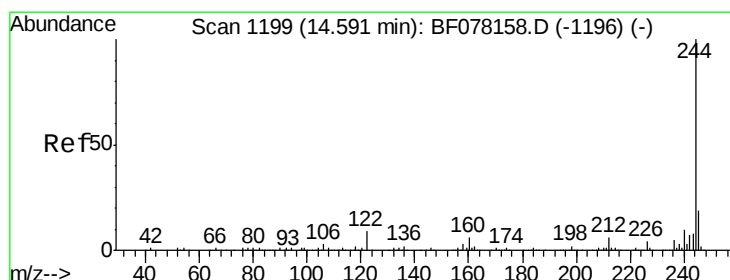
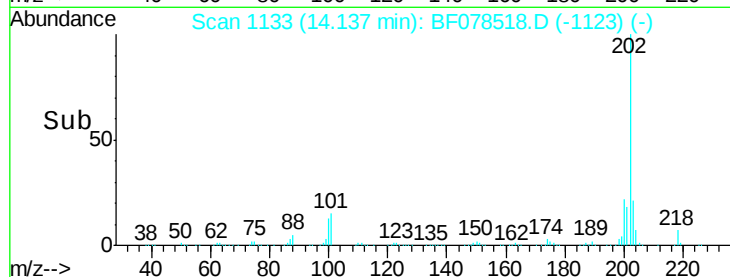
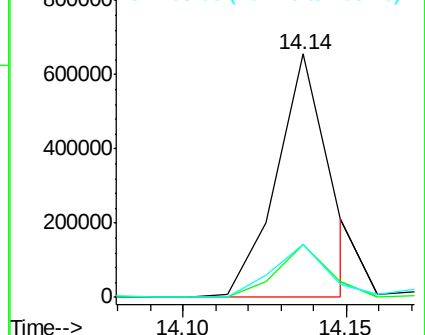
203 22.0 13.8 20.6#



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: 58.12 ng

RT: 14.35 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

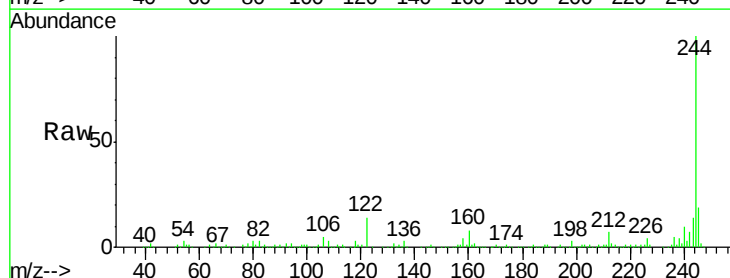
Tgt Ion: 244 Resp: 247044

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

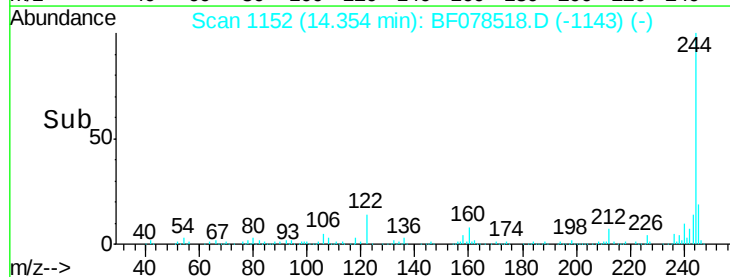
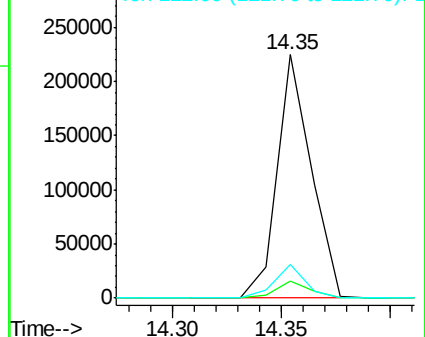
122 14.0 7.1 10.7#

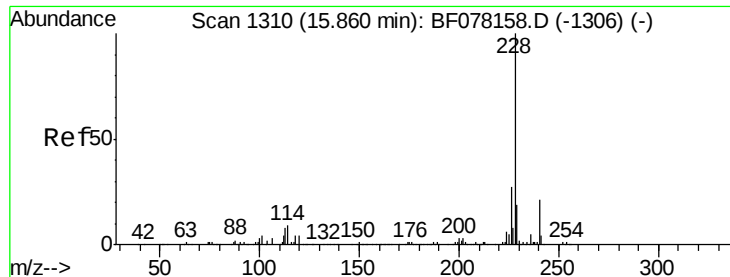


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 84.37 ng

RT: 15.61 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

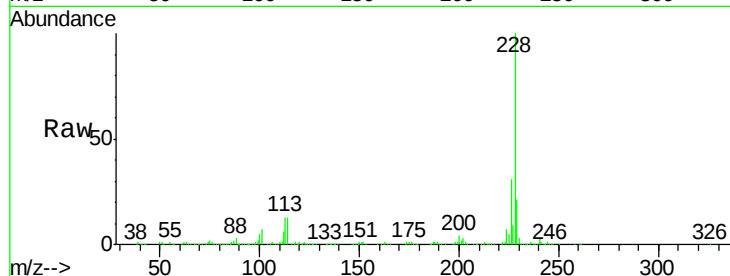
Tgt Ion:228 Resp: 482115

Ion Ratio Lower Upper

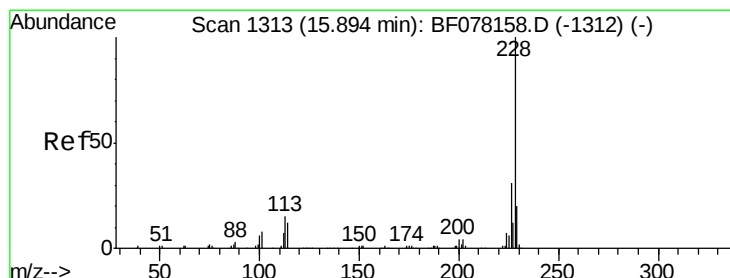
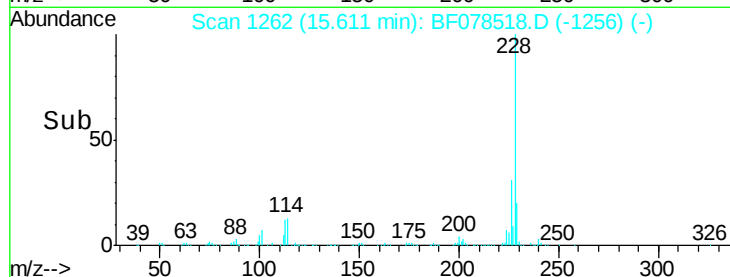
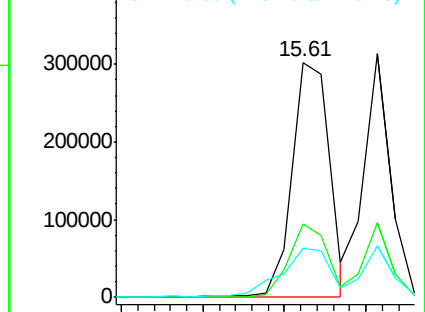
228 100

226 31.0 21.3 31.9

229 20.6 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: 65.75 ng

RT: 15.66 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

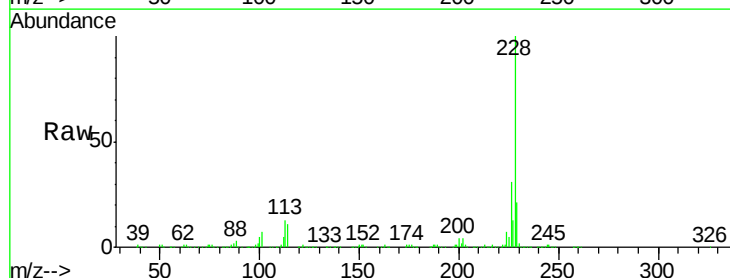
Tgt Ion:228 Resp: 353036

Ion Ratio Lower Upper

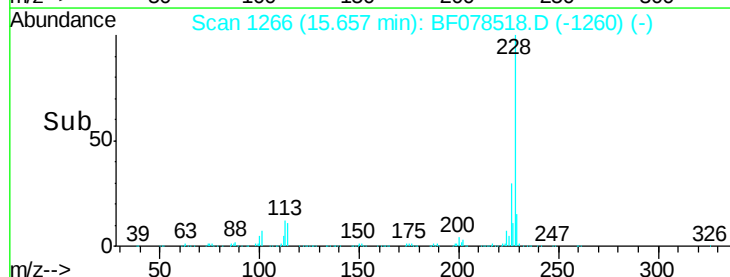
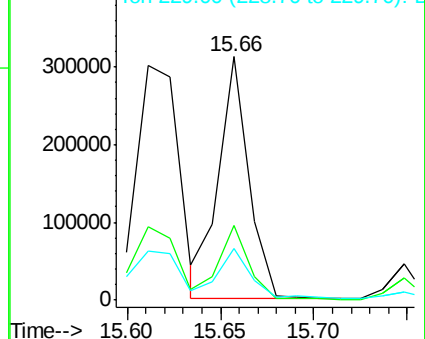
228 100

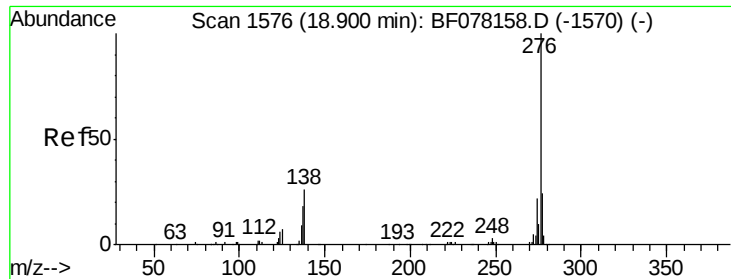
226 30.8 24.2 36.4

229 21.4 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: 2.74 ng

RT: 18.71 min Scan# 1533

Delta R.T. -0.10 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

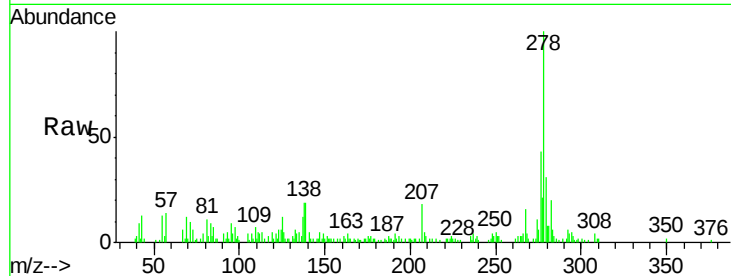
Tgt Ion:276 Resp: 16685

Ion Ratio Lower Upper

276 100

138 44.1 16.9 25.3#

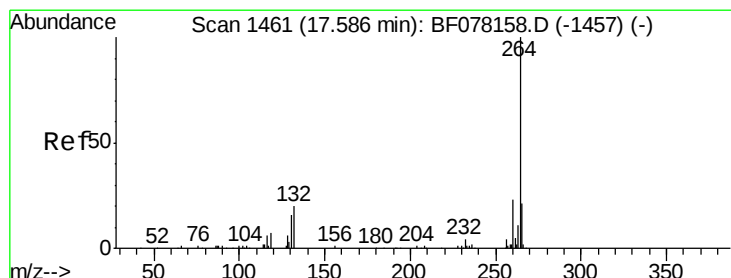
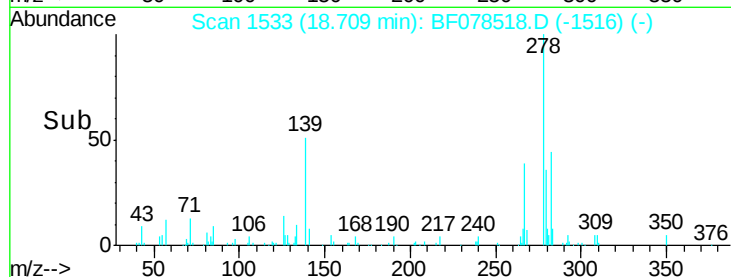
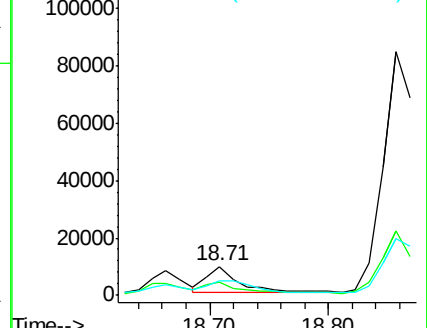
277 65.7 15.8 23.6#



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: 17.30 min Scan# 1410

Delta R.T. -0.18 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

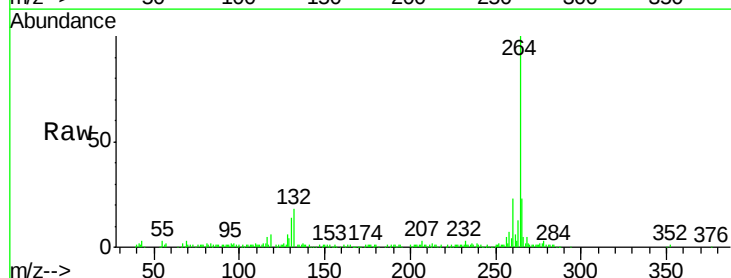
Tgt Ion:264 Resp: 103588

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

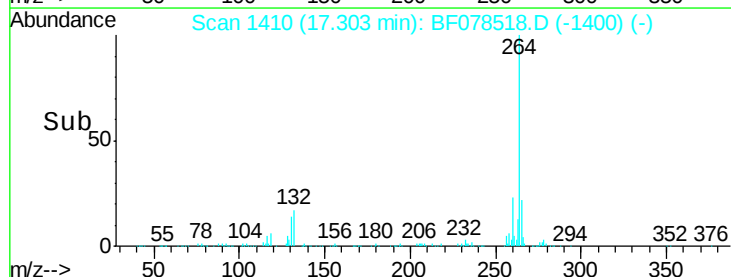
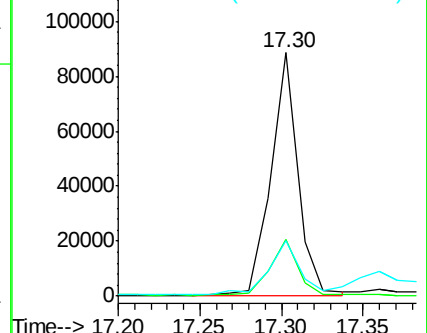
265 22.6 17.0 25.6

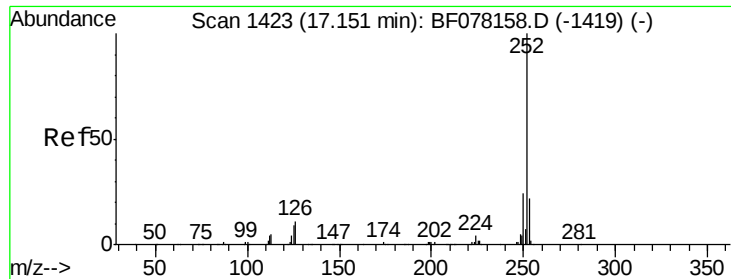


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 64.49 ng

RT: 16.88 min Scan# 1373

Delta R.T. -0.14 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

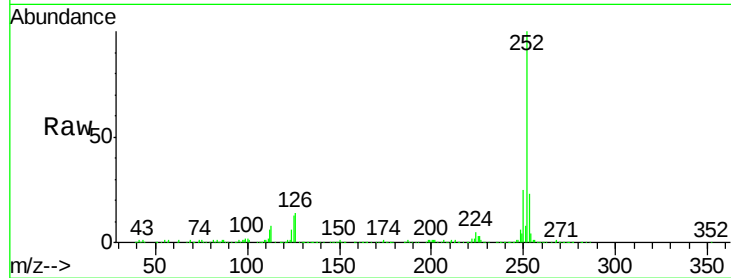
Tgt Ion:252 Resp: 412886

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

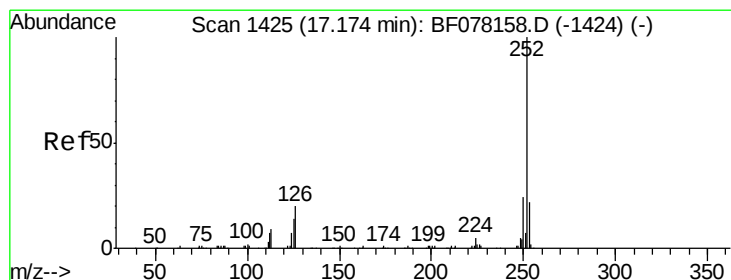
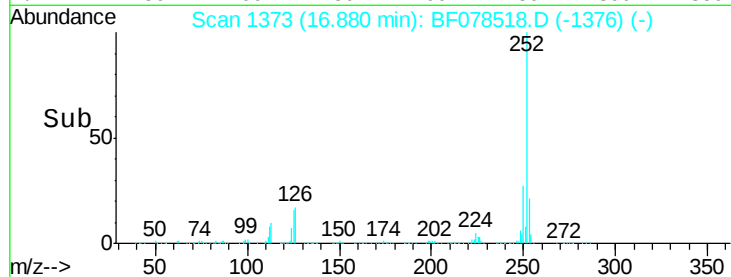
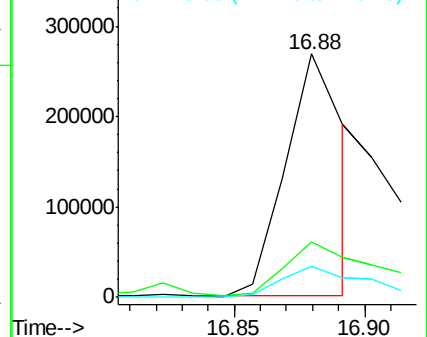
125 12.6 7.0 10.4#



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: 104.42 ng

RT: 16.88 min Scan# 1373

Delta R.T. -0.17 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

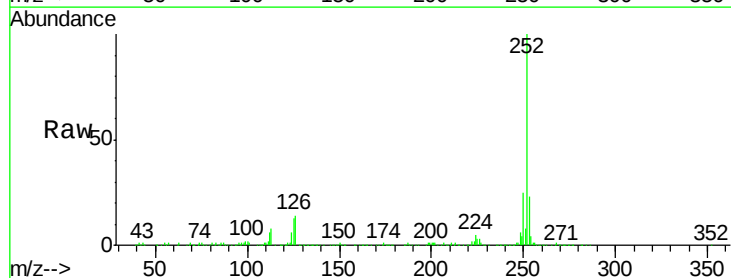
Tgt Ion:252 Resp: 594095

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

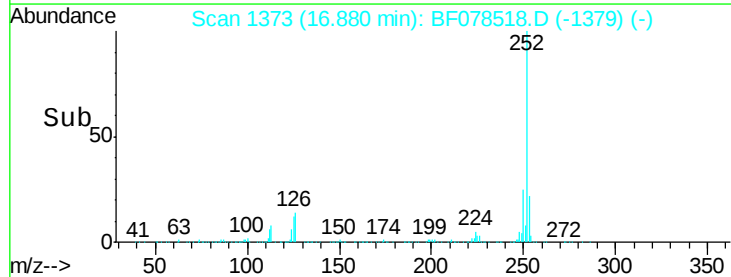
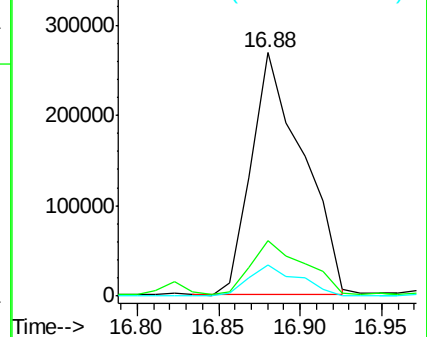
125 12.6 11.6 17.4

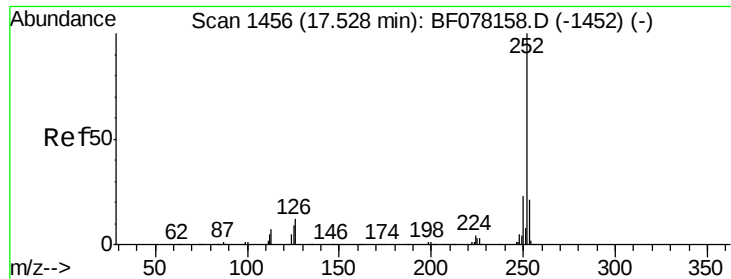


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 63.76 ng

RT: 17.25 min Scan# 1405

Delta R.T. -0.17 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

Instrument :

BNA_F

ClientSampleId :

HS-SB04B

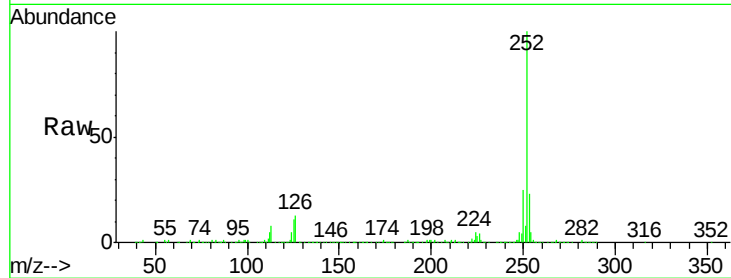
Tgt Ion:252 Resp: 356271

Ion Ratio Lower Upper

252 100

253 23.0 16.8 25.2

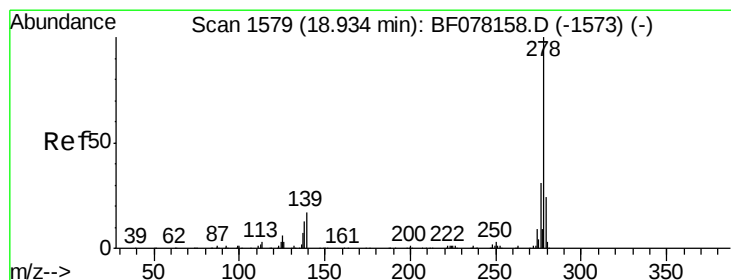
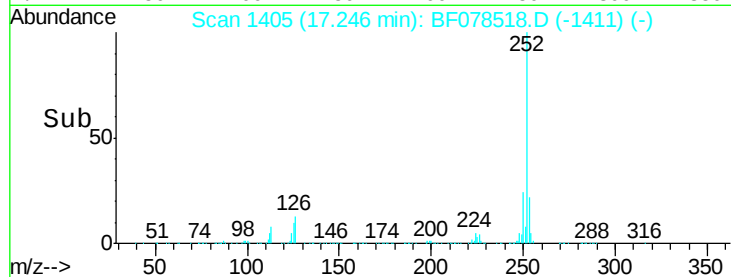
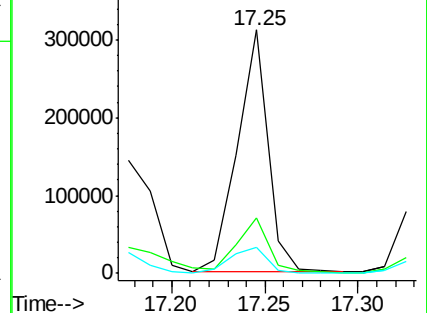
125 10.6 7.4 11.0



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: 8.84 ng

RT: 18.66 min Scan# 1529

Delta R.T. -0.17 min

Lab File: BF078518.D

Acq: 15 Apr 2015 00:18

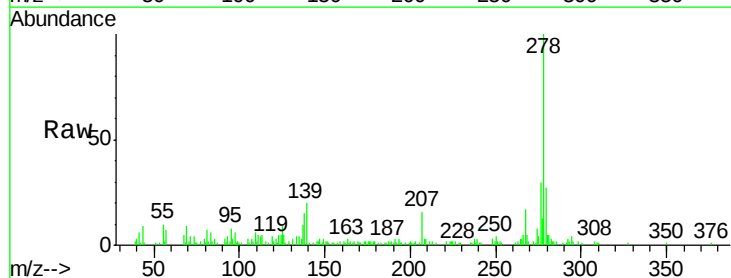
Tgt Ion:278 Resp: 49449

Ion Ratio Lower Upper

278 100

139 19.8 13.6 20.4

279 27.3 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

