

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
 Data File : BF078742.D
 Acq On : 23 Apr 2015 7:10
 Operator : TP/IZ
 Sample : G1938-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-79D

Quant Time: Apr 23 07:55:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 07:27:59 2015
 Response via : Initial Calibration

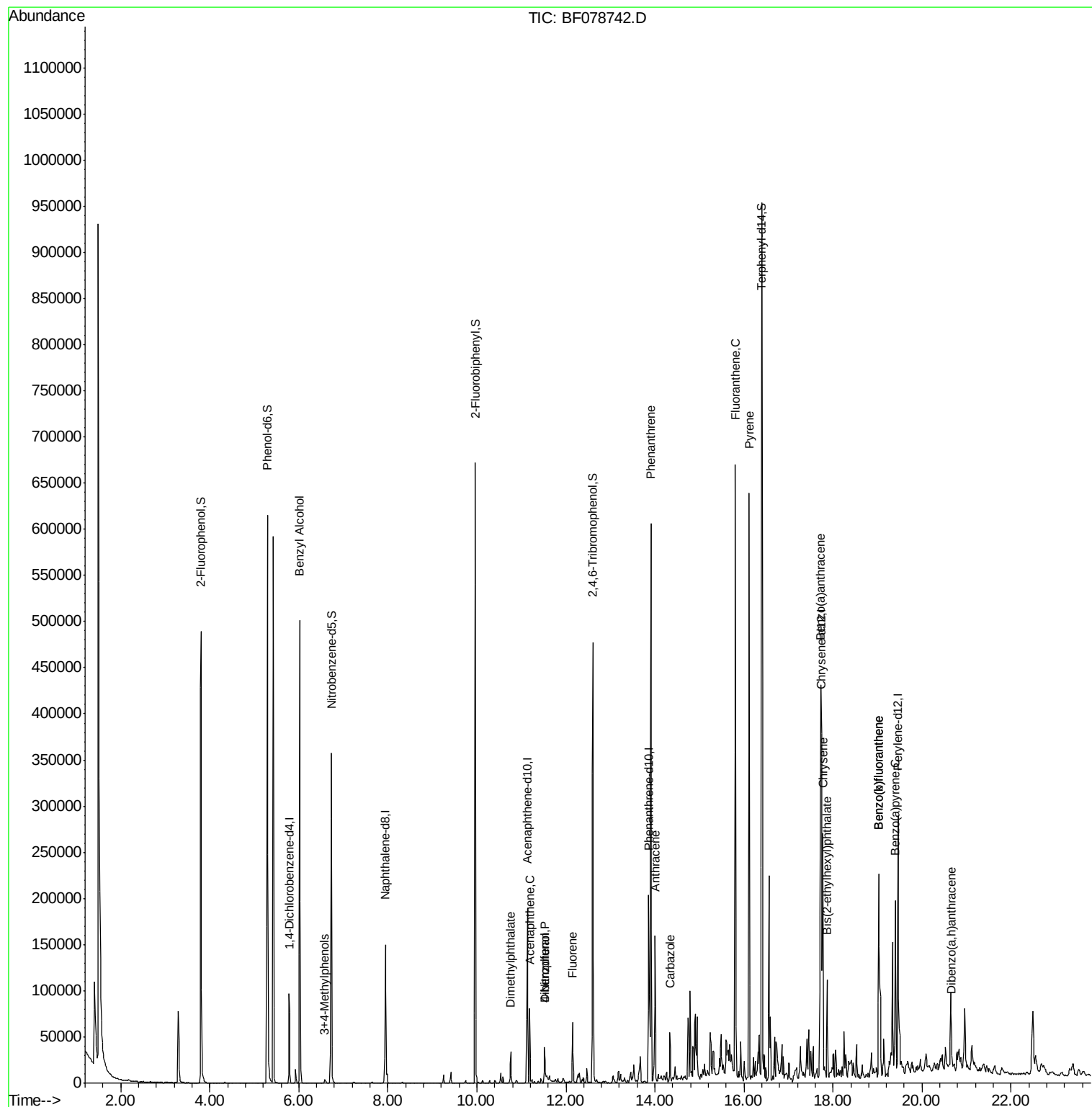
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	23728	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	101697	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	52194	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	111045	20.00	ng	0.00
75) Chrysene-d12	17.74	240	119935	20.00	ng	0.00
86) Perylene-d12	19.46	264	125517	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	222934	154.91	ng	0.01
7) Phenol-d6	5.29	99	290958	161.32	ng	0.00
23) Nitrobenzene-d5	6.73	82	176929	105.45	ng	0.00
41) 2,4,6-Tribromophenol	12.60	330	82001	189.43	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	336781	92.23	ng	0.00
78) Terphenyl-d14	16.40	244	391388	73.74	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.02	79	2699	2.13	ng	# 54
20) 3+4-Methylphenols	6.58	107	3603	2.04	ng	94
49) Dimethylphthalate	10.76	163	19772	5.04	ng	96
51) Acenaphthene	11.19	154	24028	7.87	ng	98
54) Dibenzofuran	11.52	168	18437	3.95	ng	96
55) 4-Nitrophenol	11.52	139	6413	11.93	ng	# 23
57) Fluorene	12.15	166	25984	6.87	ng	100
70) Phenanthrene	13.91	178	333965	51.99	ng	100
71) Anthracene	14.00	178	93121	14.71	ng	99
72) Carbazole	14.33	167	33031	5.57	ng	97
74) Fluoranthene	15.81	202	320262	47.28	ng	93
77) Pyrene	16.11	202	286189	38.01	ng	# 93
80) Benzo(a)anthracene	17.73	228	148500	20.81	ng	98
82) Chrysene	17.77	228	110649	16.50	ng	97
83) Bis(2-ethylhexyl)phthalate	17.86	149	25891	5.75	ng	# 97
87) Benzo(b)fluoranthene	19.03	252	168223	21.69	ng	# 96
88) Benzo(k)fluoranthene	19.03	252	162762	23.61	ng	96
89) Benzo(a)pyrene	19.39	252	96034	14.19	ng	# 94
90) Dibenzo(a,h)anthracene	20.66	278	14866	2.19	ng	# 91

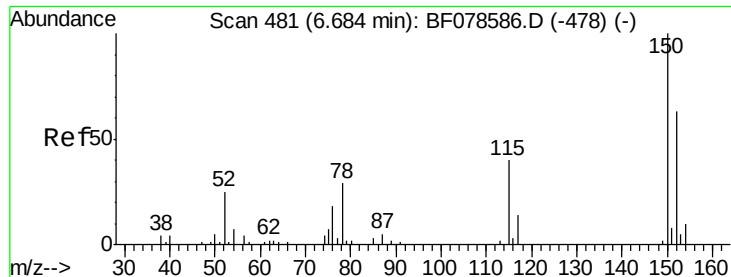
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.78 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA_F

ClientSampleId :

SB-79D

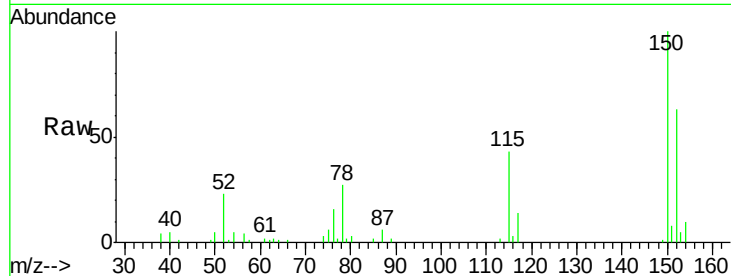
Tgt Ion:152 Resp: 23728

Ion Ratio Lower Upper

152 100

150 159.2 125.9 188.9

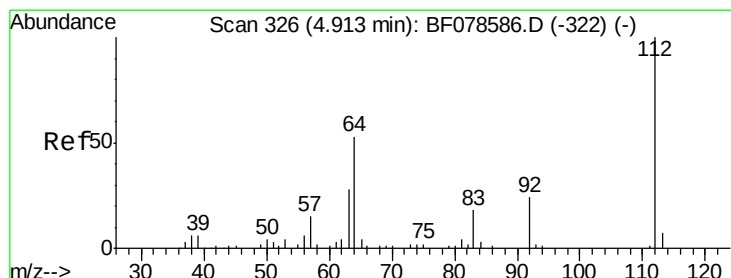
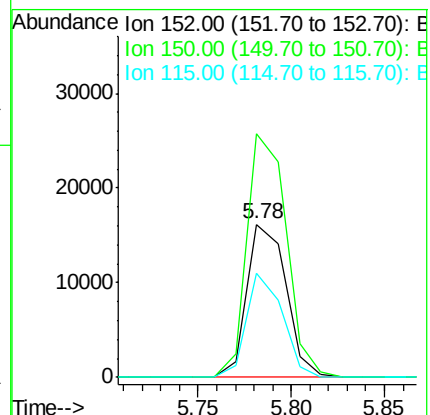
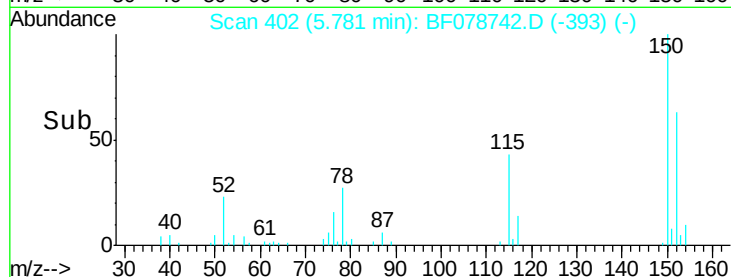
115 67.8 52.7 79.1



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: 154.91 ng

RT: 3.80 min Scan# 229

Delta R.T. 0.01 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

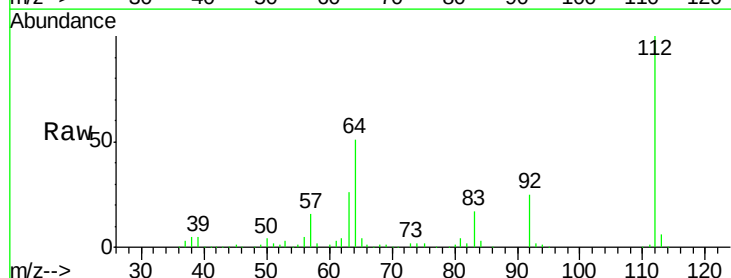
Tgt Ion:112 Resp: 222934

Ion Ratio Lower Upper

112 100

64 51.3 39.9 59.9

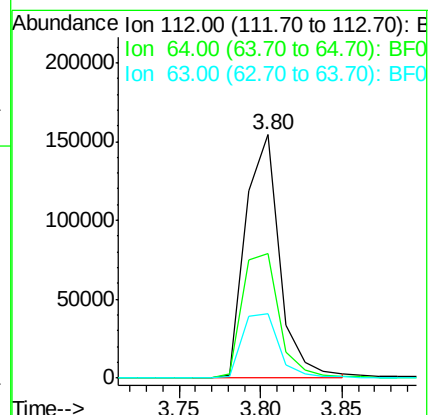
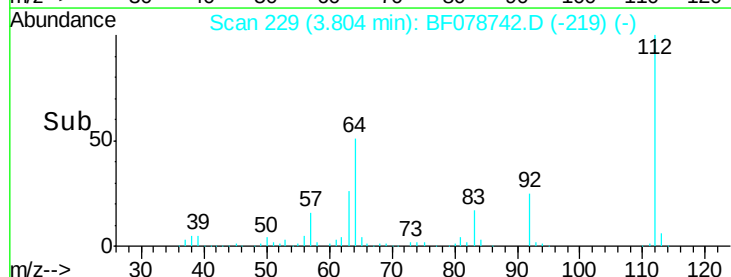
63 26.4 20.2 30.4

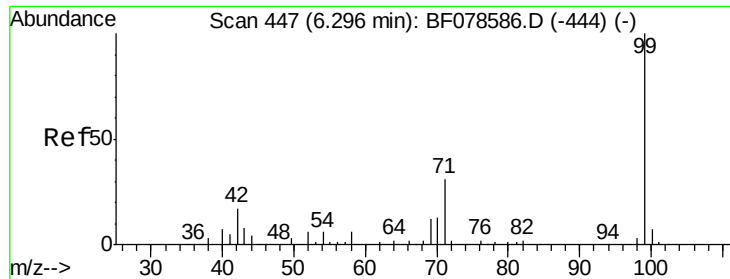


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 161.32 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA_F

ClientSampleId :

SB-79D

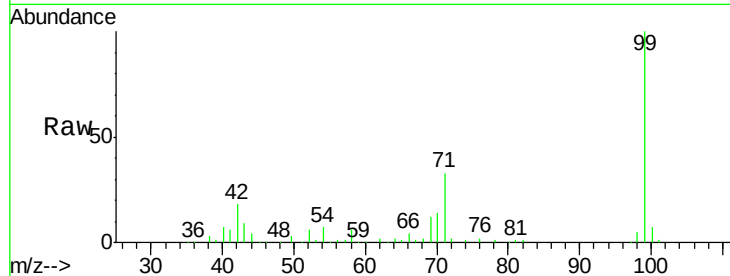
Tgt Ion: 99 Resp: 290958

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

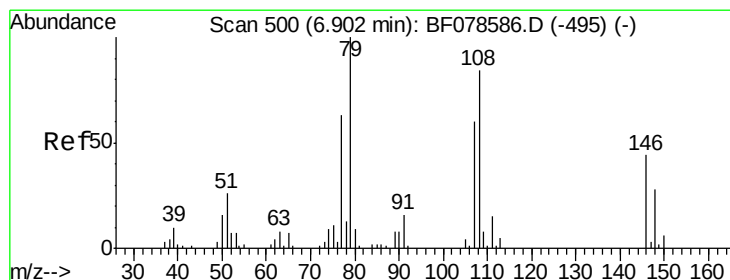
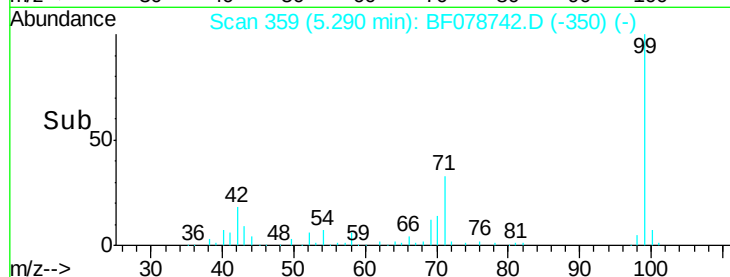
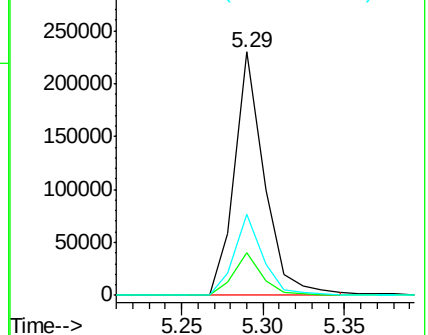
71 33.5 26.6 39.8



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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.02 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

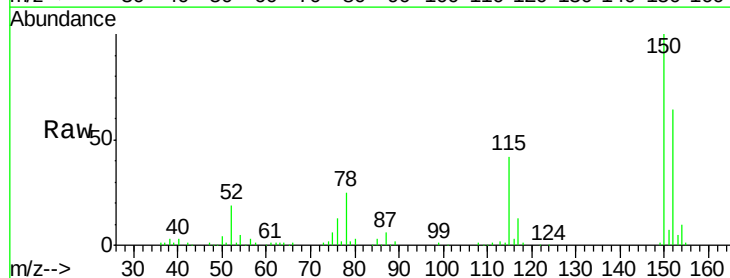
Tgt Ion: 79 Resp: 2699

Ion Ratio Lower Upper

79 100

108 29.5 57.6 86.4#

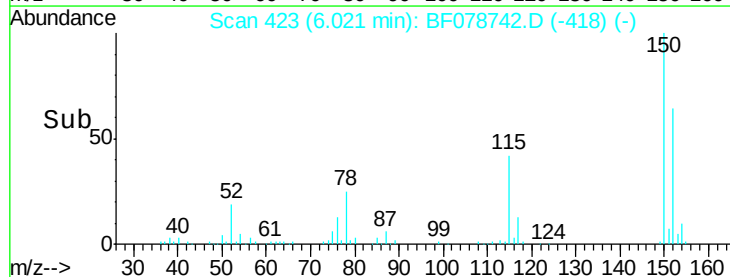
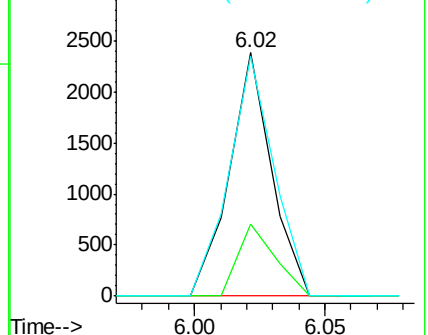
77 98.7 53.5 80.3#

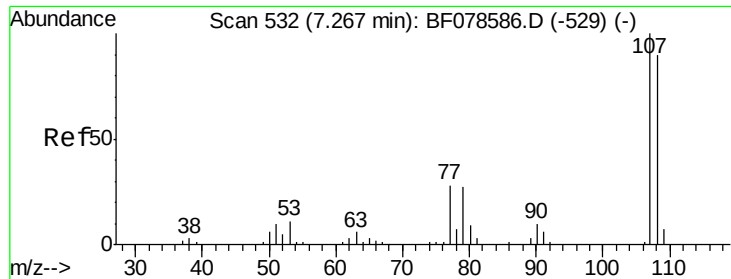


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

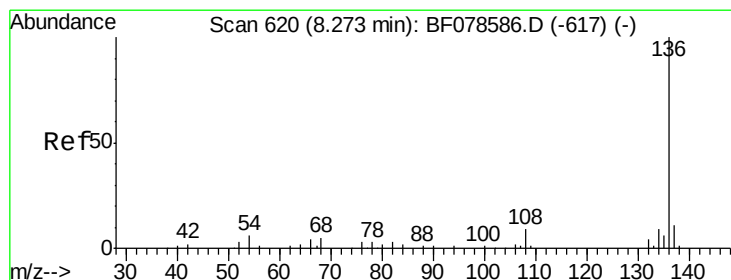
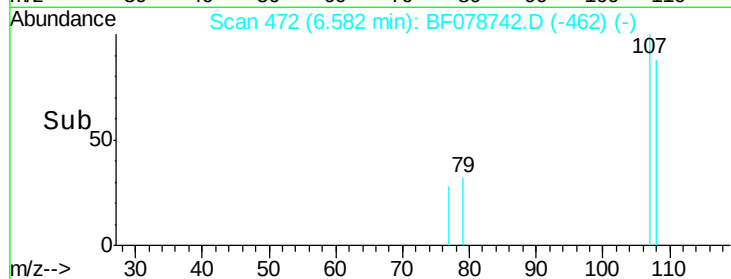
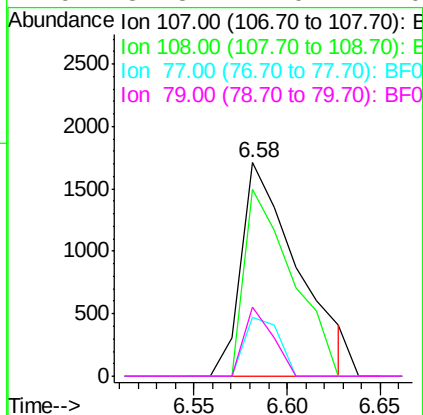
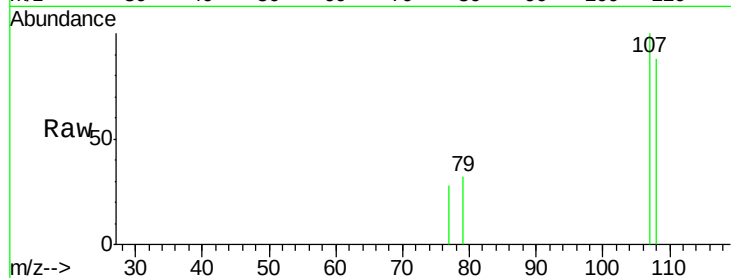




#20
 3+4-Methylphenols
 Concen: 2.04 ng
 RT: 6.58 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

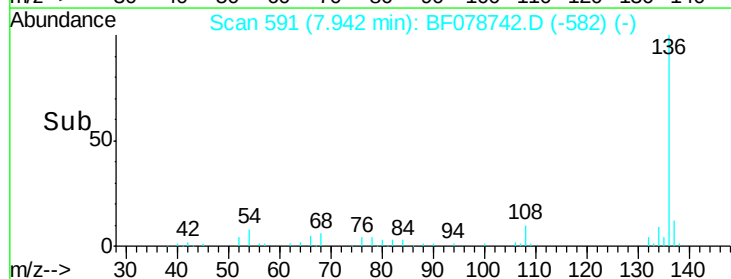
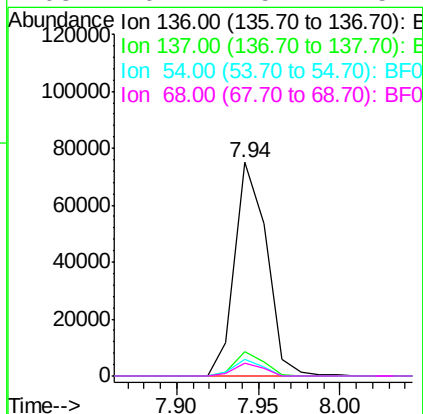
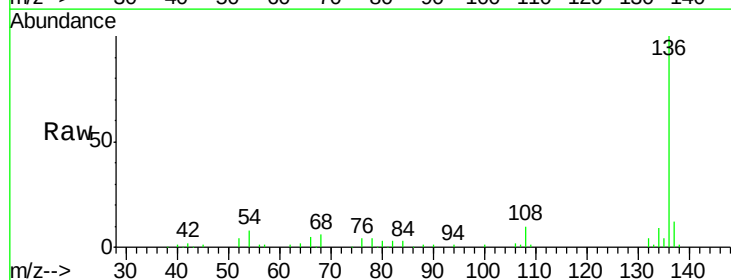
Instrument :
 BNA_F
 ClientSampled :
 SB-79D

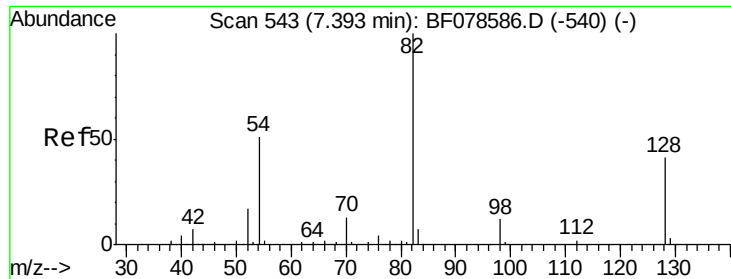
Tgt Ion:	107	Resp:	3603
Ion	Ratio	Lower	Upper
107	100		
108	87.7	64.4	104.4
77	27.7	9.7	49.7
79	32.3	4.0	44.0



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.94 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

Tgt Ion:	136	Resp:	101697
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.7	7.0	10.6
68	6.2	5.4	8.2

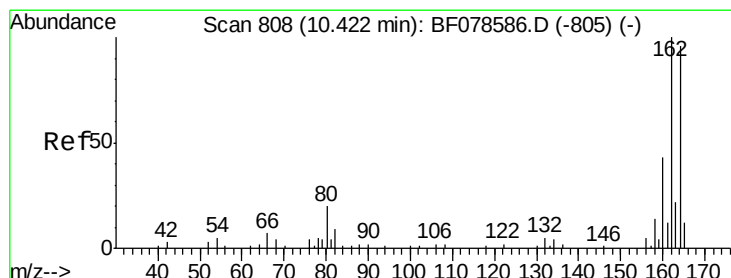
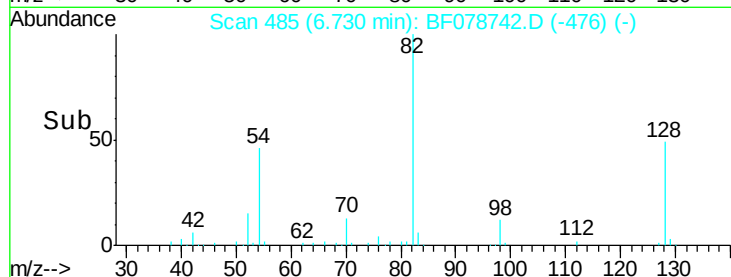
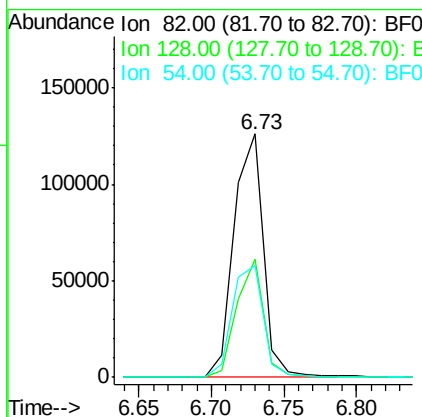
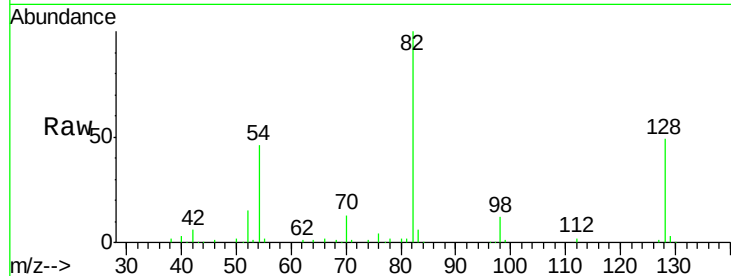




#23
 Nitrobenzene-d5
 Concen: 105.45 ng
 RT: 6.73 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

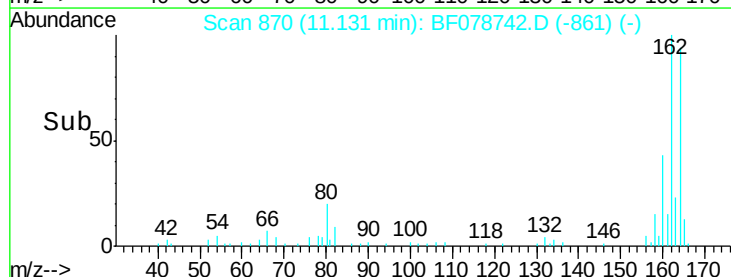
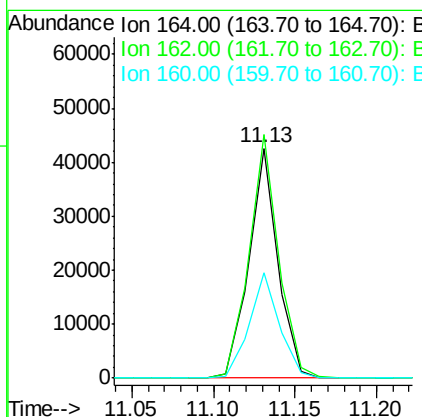
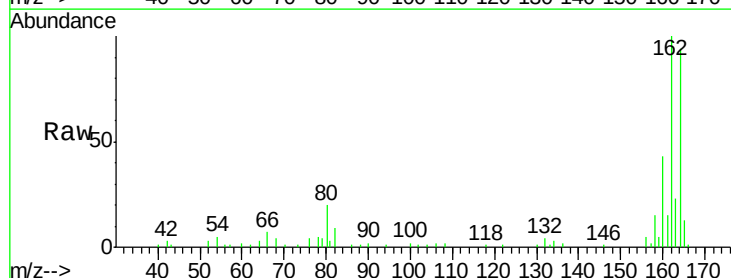
Instrument :
 BNA_F
 ClientSampleId :
 SB-79D

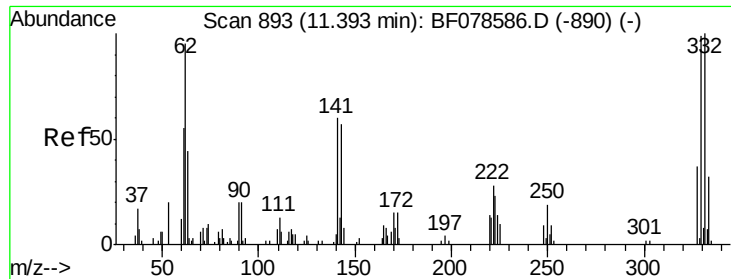
Tgt Ion: 82 Resp: 176929
 Ion Ratio Lower Upper
 82 100
 128 48.7 31.8 47.8#
 54 45.8 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

Tgt Ion: 164 Resp: 52194
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.2 123.2
 160 45.8 34.7 52.1

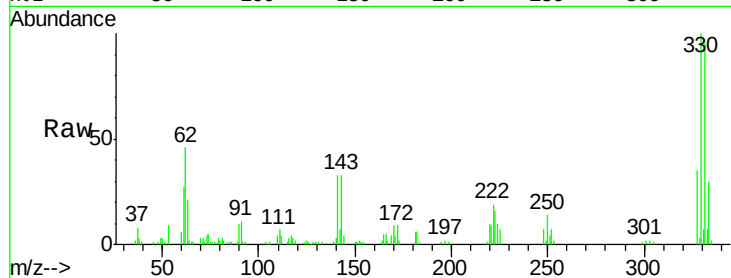




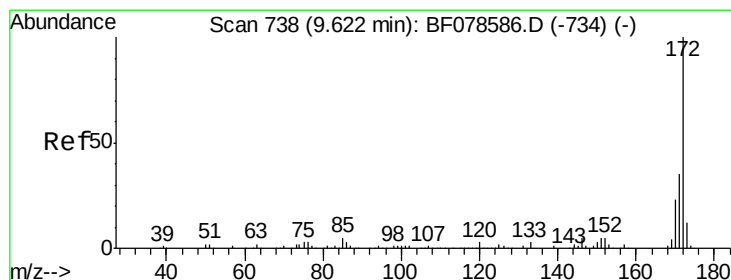
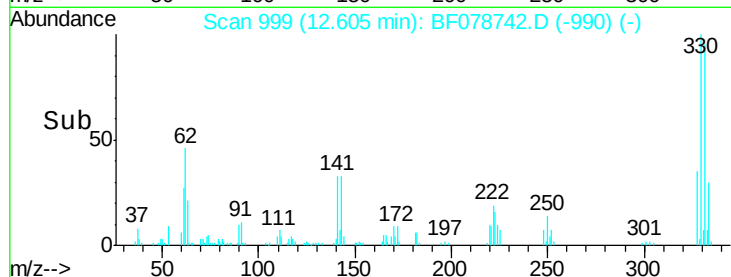
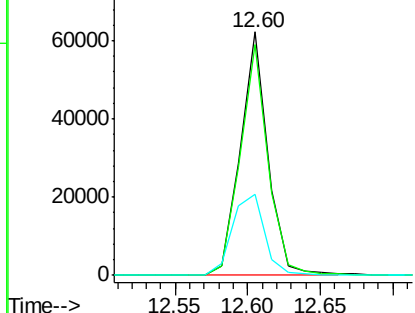
#41
 2,4,6-Tribromophenol
 Concen: 189.43 ng
 RT: 12.60 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-79D

Tgt Ion:330 Resp: 82001
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.6 117.8
 141 39.0 31.2 46.8

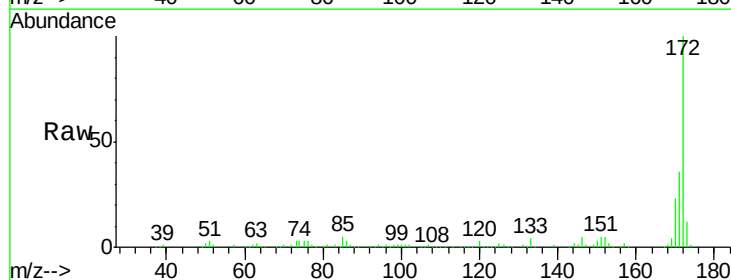


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

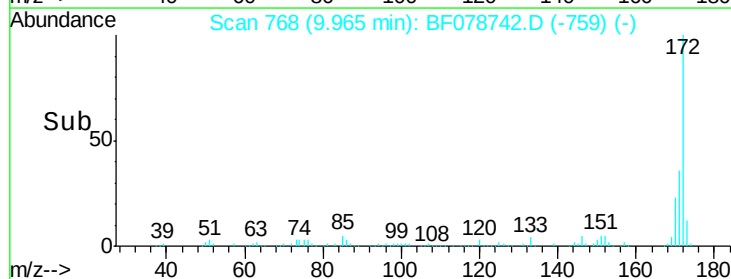
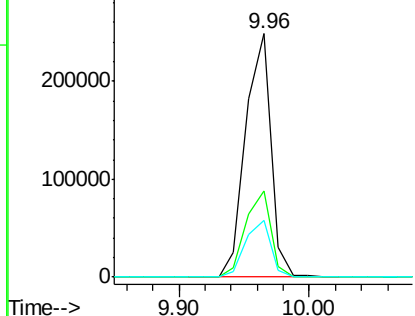


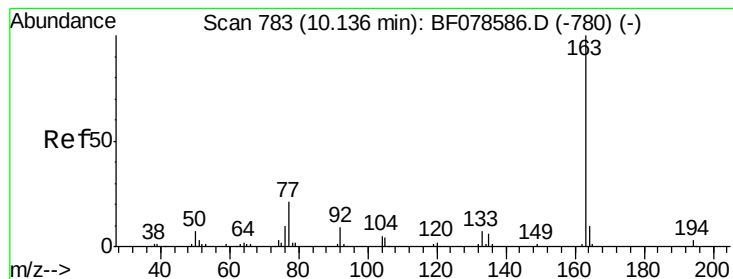
#44
 2-Fluorobiphenyl
 Concen: 92.23 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

Tgt Ion:172 Resp: 336781
 Ion Ratio Lower Upper
 172 100
 171 35.5 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





#49

Dimethylphthalate

Concen: 5.04 ng

RT: 10.76 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA_F

ClientSampleId :

SB-79D

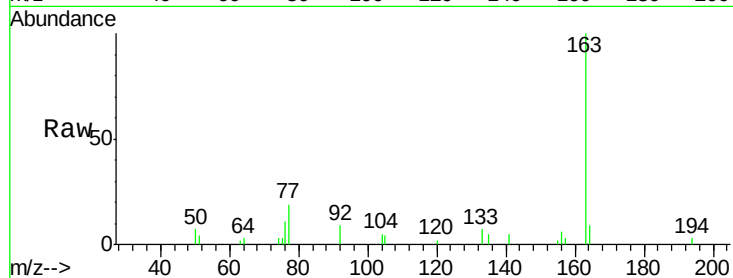
Tgt Ion:163 Resp: 19772

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

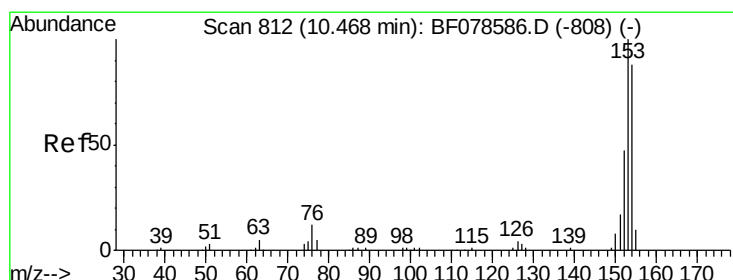
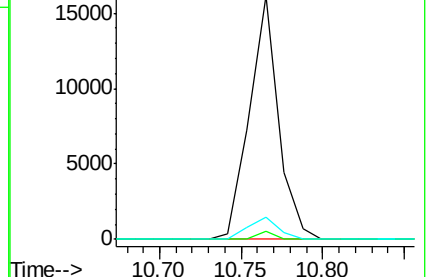
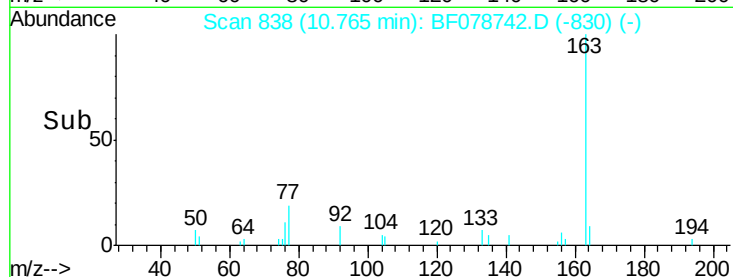
164 9.1 8.6 13.0



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: 7.87 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

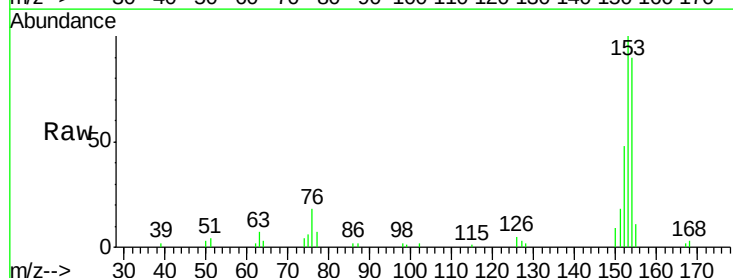
Tgt Ion:154 Resp: 24028

Ion Ratio Lower Upper

154 100

153 111.1 91.4 137.2

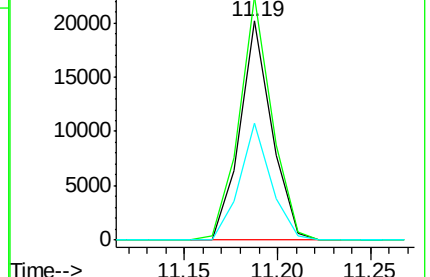
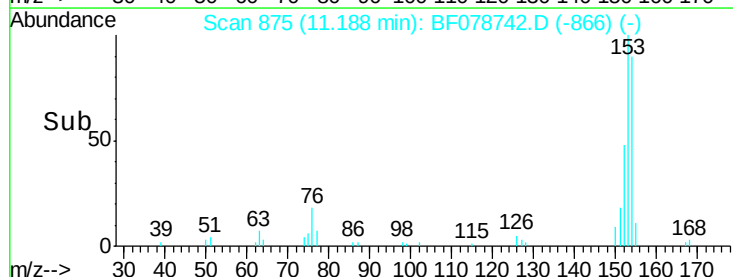
152 53.4 43.0 64.6

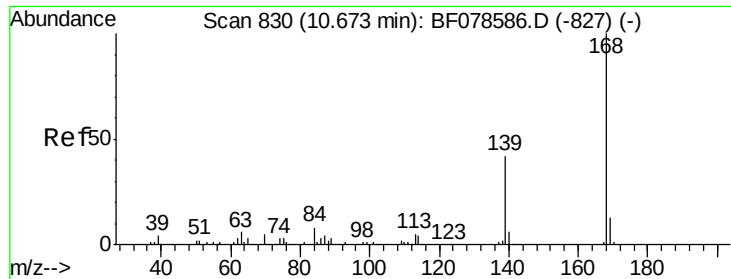


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

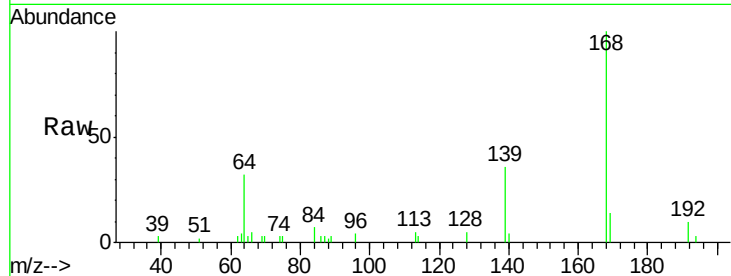




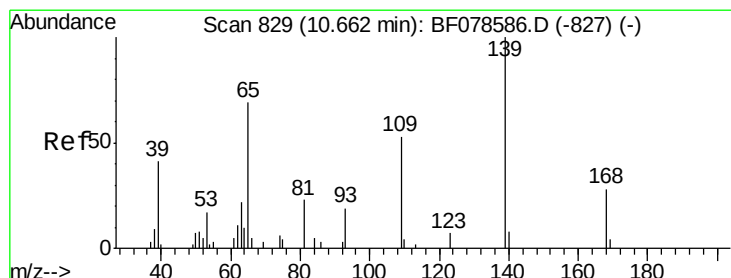
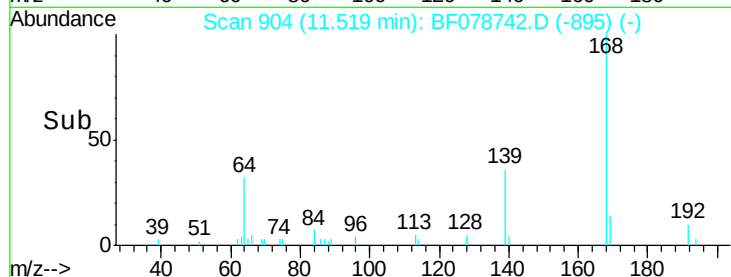
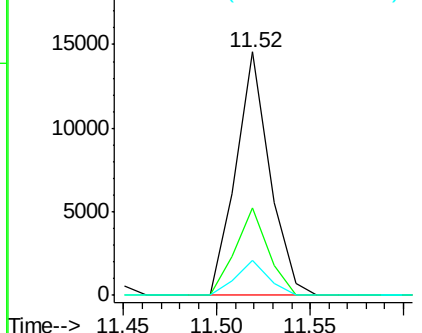
#54
Dibenzenofuran
Concen: 3.95 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF078742.D
Acq: 23 Apr 2015 7:10

Instrument :
BNA_F
ClientSampleId :
SB-79D

Tgt Ion:168 Resp: 18437
Ion Ratio Lower Upper
168 100
139 36.2 31.0 46.4
169 14.2 10.7 16.1

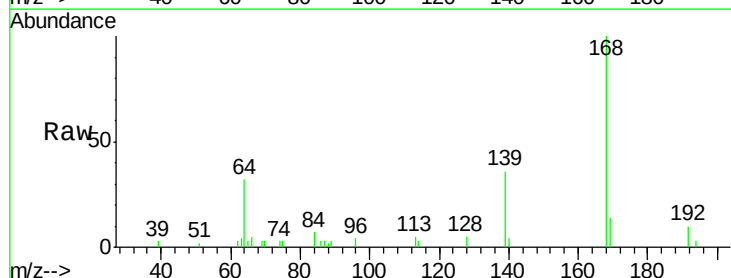


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

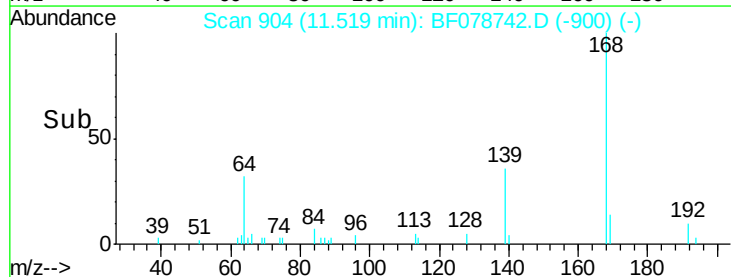
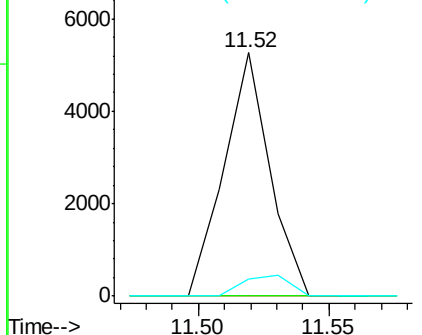


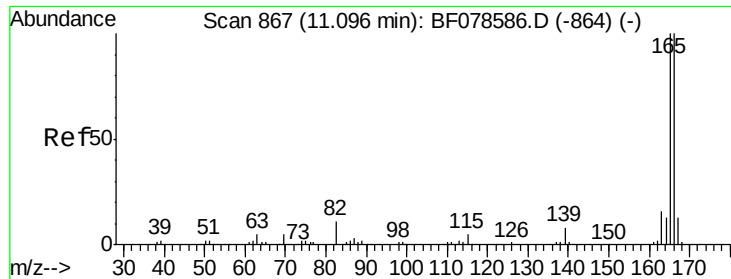
#55
4-Nitrophenol
Concen: 11.93 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.06 min
Lab File: BF078742.D
Acq: 23 Apr 2015 7:10

Tgt Ion:139 Resp: 6413
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 7.0 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

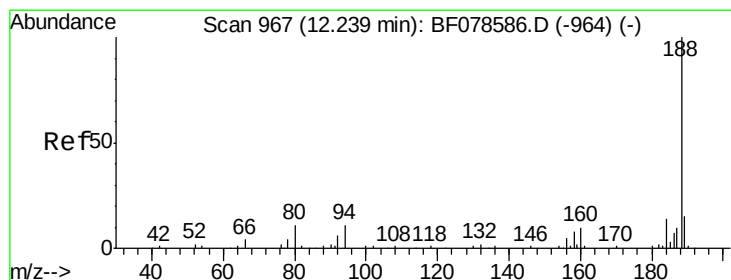
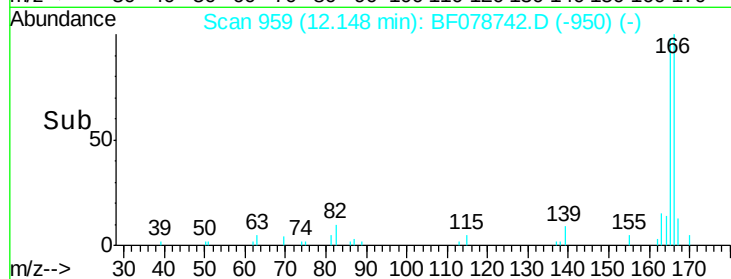
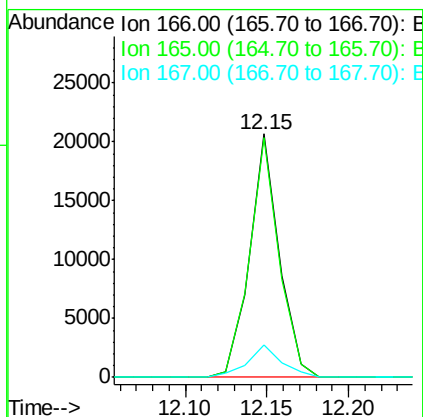
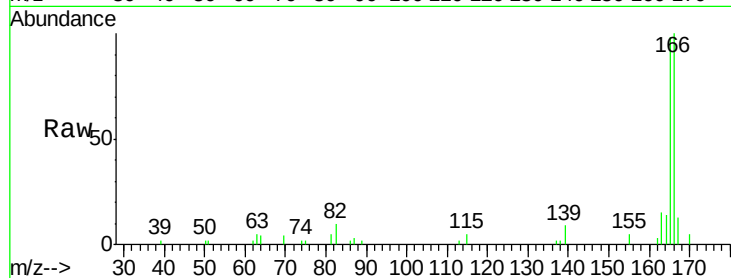




#57
Fluorene
 Concen: 6.87 ng
 RT: 12.15 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

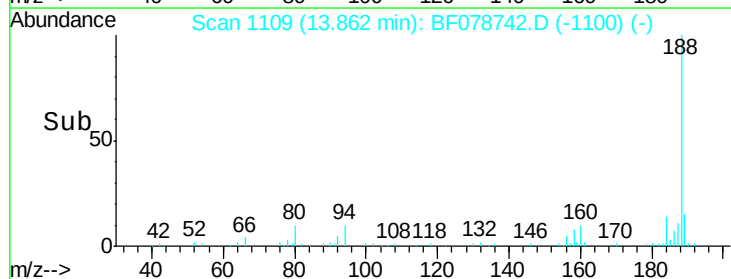
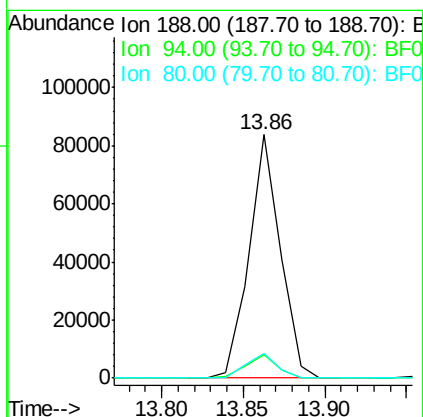
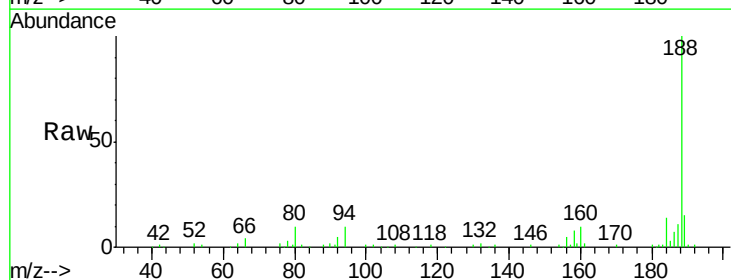
Instrument :
 BNA_F
 ClientSampleId :
 SB-79D

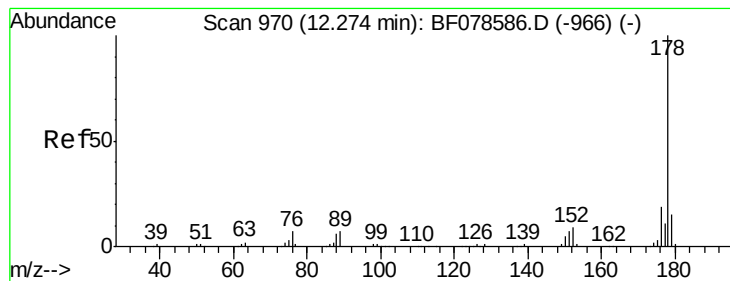
Tgt Ion:166 Resp: 25984
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.9 118.3
 167 13.4 10.7 16.1



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

Tgt Ion:188 Resp: 111045
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.0 13.4
 80 10.3 9.5 14.3





#70

Phenanthrene

Concen: 51.99 ng

RT: 13.91 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA_F

ClientSampleId :

SB-79D

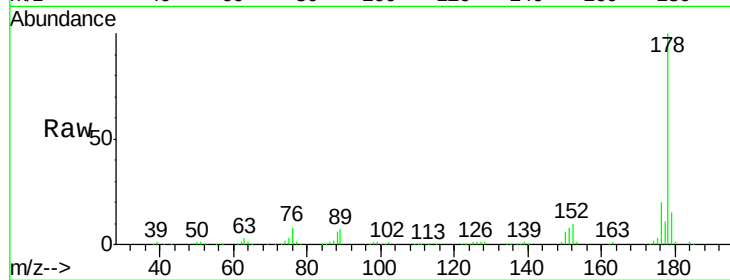
Tgt Ion:178 Resp: 333965

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

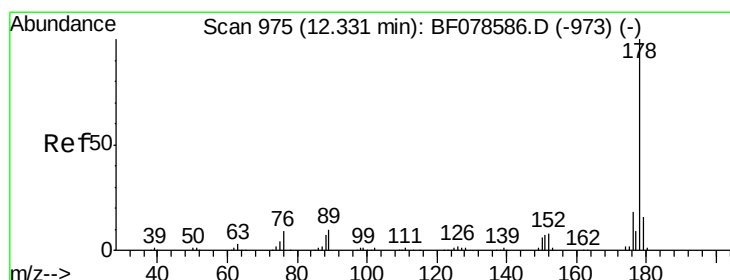
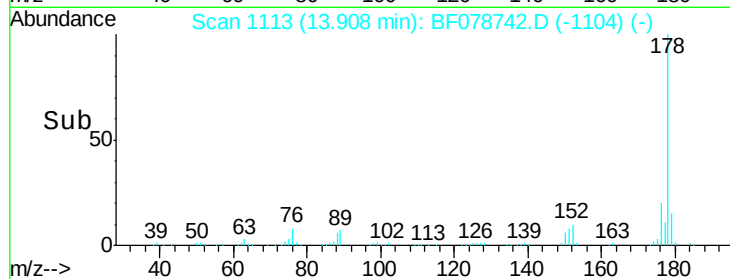
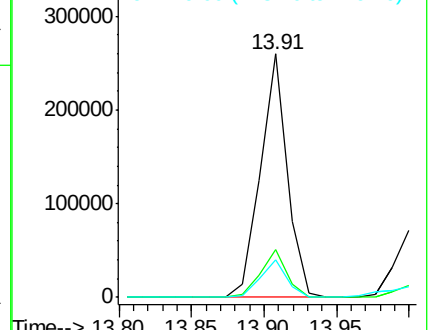
179 15.2 12.2 18.2



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: 14.71 ng

RT: 14.00 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

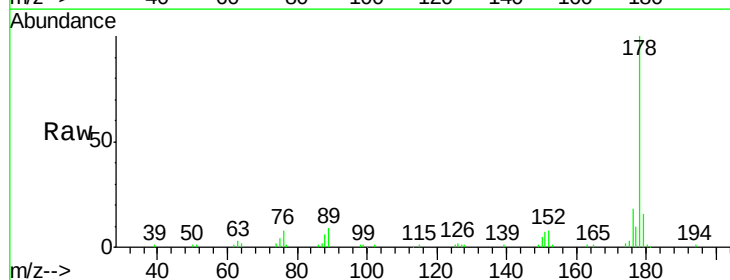
Tgt Ion:178 Resp: 93121

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

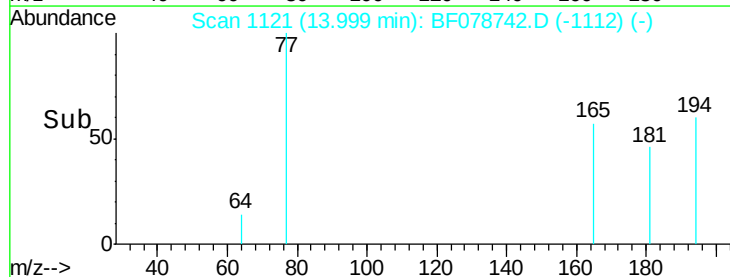
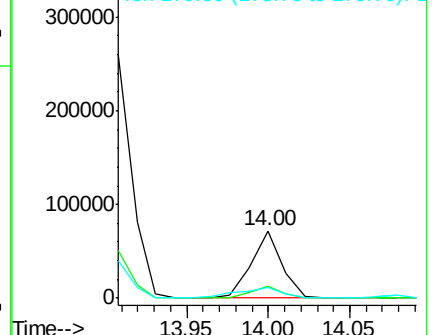
179 16.0 12.4 18.6

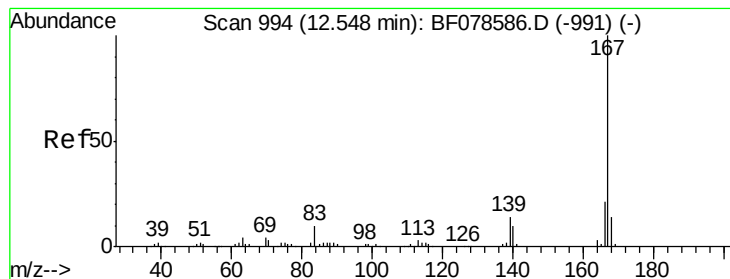


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.57 ng

RT: 14.33 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA_F

ClientSampleId :

SB-79D

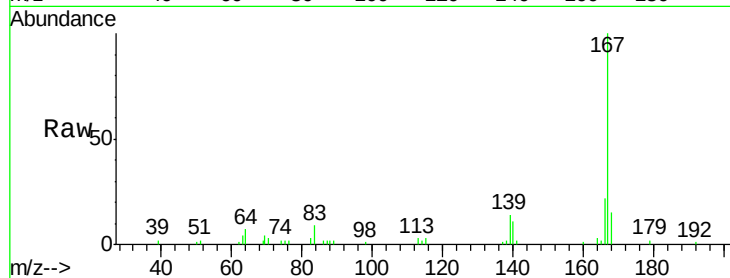
Tgt Ion:167 Resp: 33031

Ion Ratio Lower Upper

167 100

166 22.3 16.8 25.2

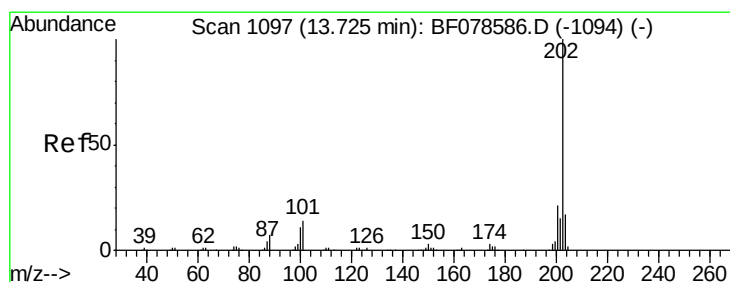
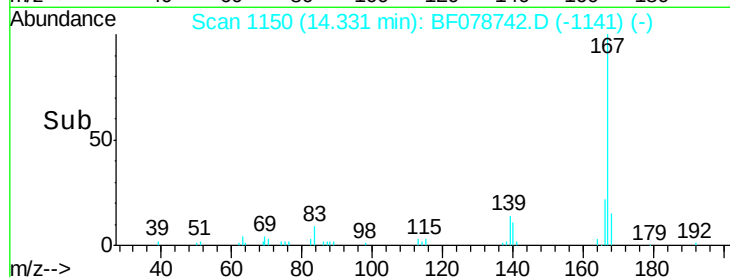
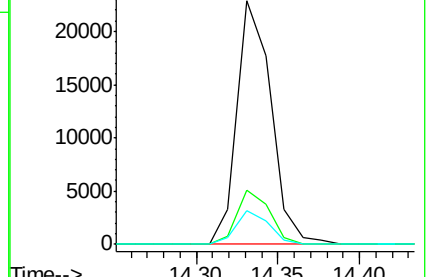
139 13.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 47.28 ng

RT: 15.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

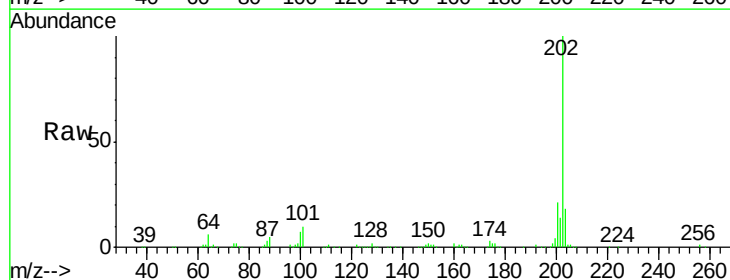
Tgt Ion:202 Resp: 320262

Ion Ratio Lower Upper

202 100

101 10.2 0.0 35.2

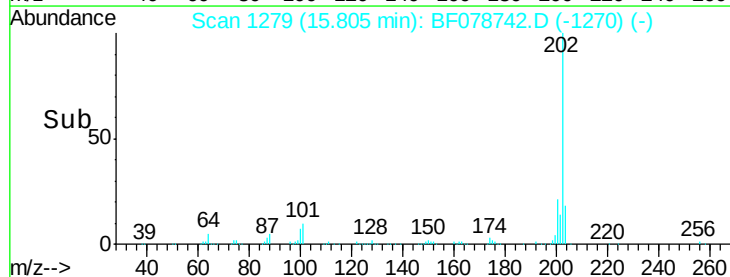
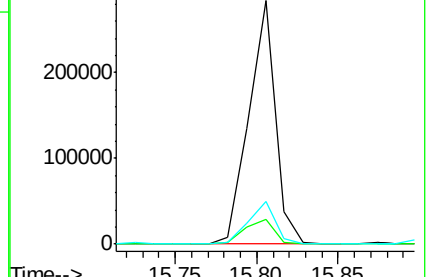
203 17.6 0.0 38.5

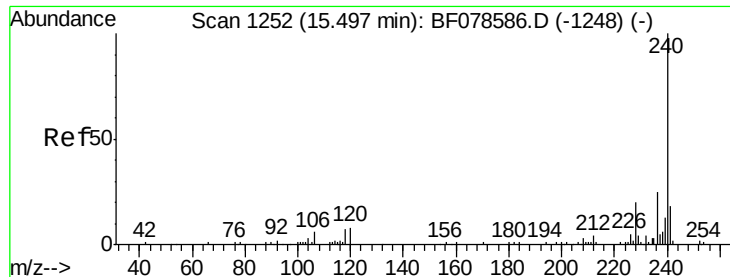


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.74 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

Instrument :

BNA_F

ClientSampleId :

SB-79D

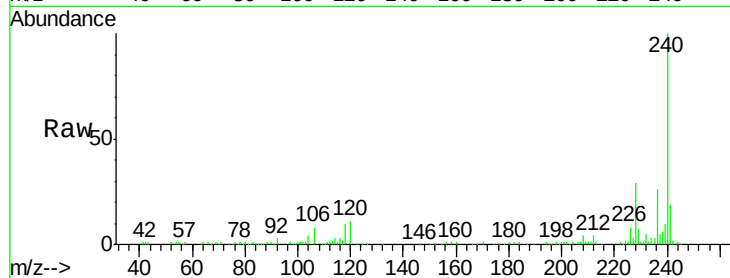
Tgt Ion:240 Resp: 119935

Ion Ratio Lower Upper

240 100

120 10.9 7.1 10.7#

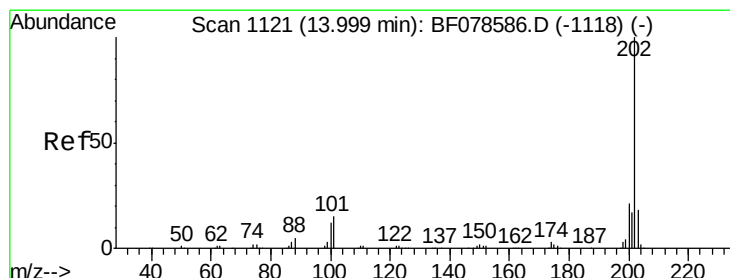
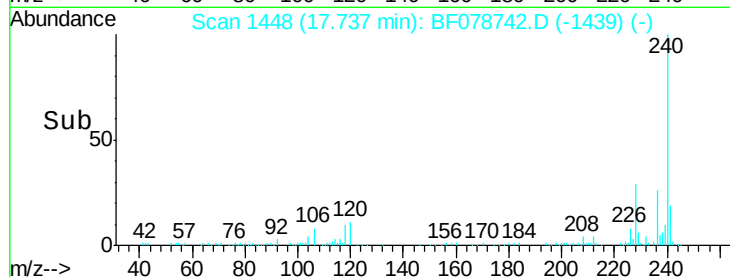
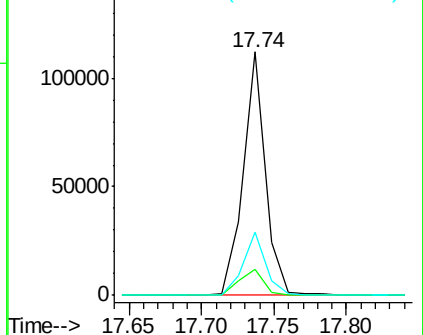
236 26.1 21.4 32.2



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: 38.01 ng

RT: 16.11 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF078742.D

Acq: 23 Apr 2015 7:10

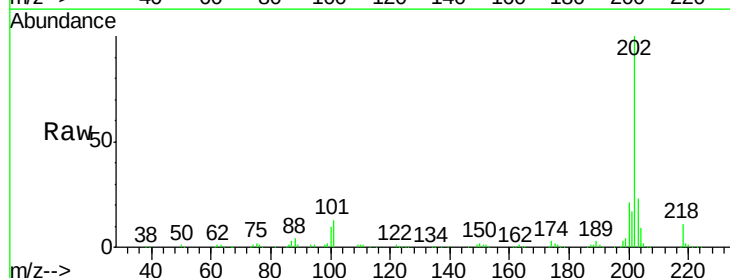
Tgt Ion:202 Resp: 286189

Ion Ratio Lower Upper

202 100

200 21.3 16.3 24.5

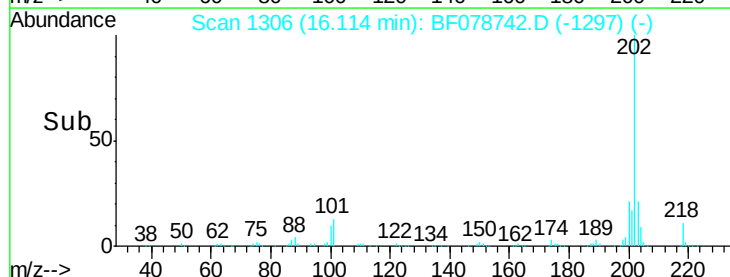
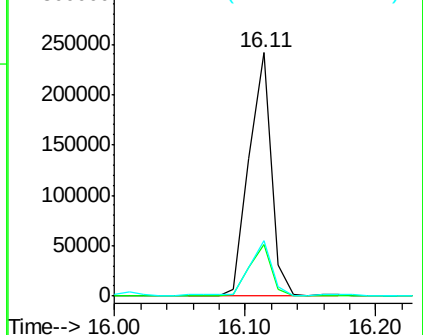
203 22.8 13.8 20.6#

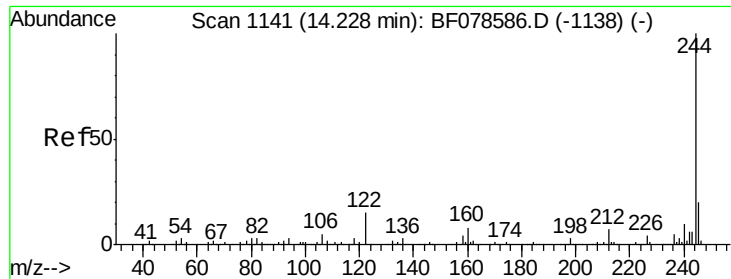


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

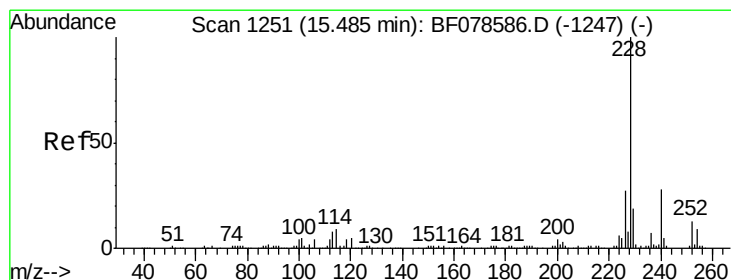
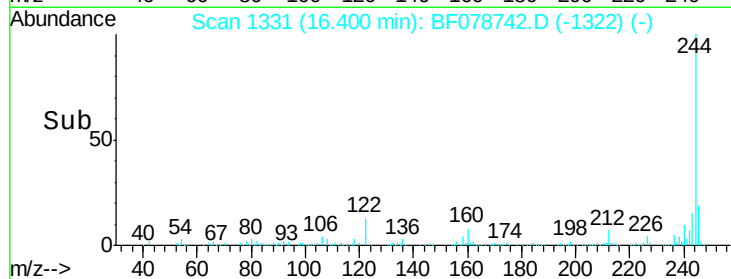
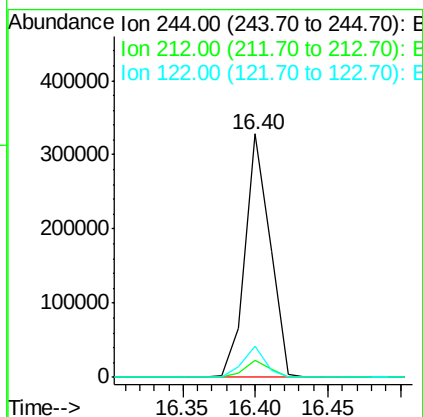
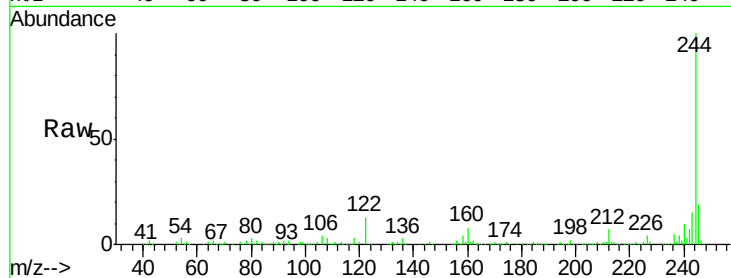




#78
 Terphenyl-d14
 Concen: 73.74 ng
 RT: 16.40 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-79D

Tgt Ion:244 Resp: 391388
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 12.6 7.1 10.7#



#80
 Benzo(a)anthracene
 Concen: 20.81 ng
 RT: 17.73 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF078742.D
 Acq: 23 Apr 2015 7:10

Tgt Ion:228 Resp: 148500
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.3 31.9
 229 20.6 15.4 23.2

