

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078288.D
 Acq On : 7 Apr 2015 7:30
 Operator : TP/IZ
 Sample : G1779-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(3-5)

Quant Time: Apr 07 07:09:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:11:17 2015
 Response via : Initial Calibration

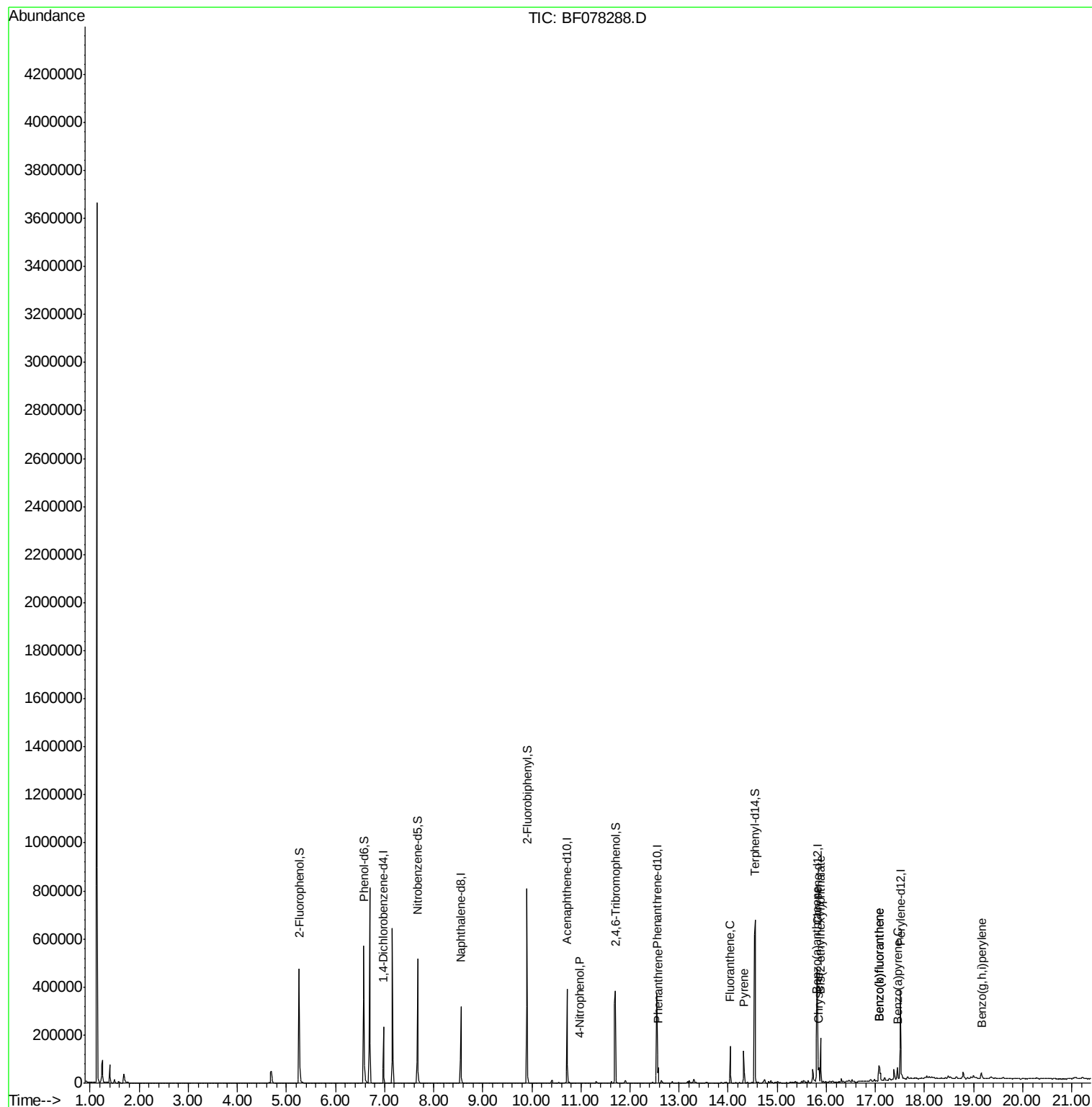
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	39084	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	157373	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	80067	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	153178	20.00	ng	0.00
75) Chrysene-d12	15.81	240	169866	20.00	ng	0.00
86) Perylene-d12	17.51	264	164927	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	212709	89.73	ng	0.01
7) Phenol-d6	6.58	99	271788	91.49	ng	0.00
23) Nitrobenzene-d5	7.68	82	162831	62.72	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	65281	98.31	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	291358	52.02	ng	0.00
78) Terphenyl-d14	14.55	244	334695	44.52	ng	0.00
Target Compounds						Qvalue
55) 4-Nitrophenol	10.98	139	226	2.98	ng	# 18
70) Phenanthrene	12.58	178	34592	3.90	ng	100
74) Fluoranthene	14.04	202	67783	7.25	ng	95
77) Pyrene	14.32	202	56927	5.34	ng	# 95
80) Benzo(a)anthracene	15.80	228	37810	3.74	ng	96
82) Chrysene	15.85	228	31347	3.30	ng	97
83) Bis(2-ethylhexyl)phthalate	15.88	149	58639	9.20	ng	# 95
87) Benzo(b)fluoranthene	17.07	252	58004	5.69	ng	# 90
88) Benzo(k)fluoranthene	17.07	252	58506	6.46	ng	95
89) Benzo(a)pyrene	17.45	252	28616	3.22	ng	95
91) Benzo(g,h,i)perylene	19.16	276	18347	2.05	ng	99

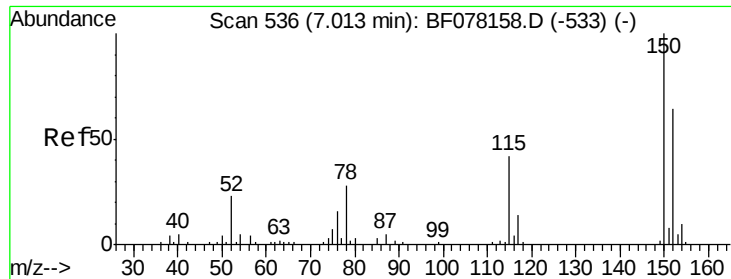
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-6(3-5)

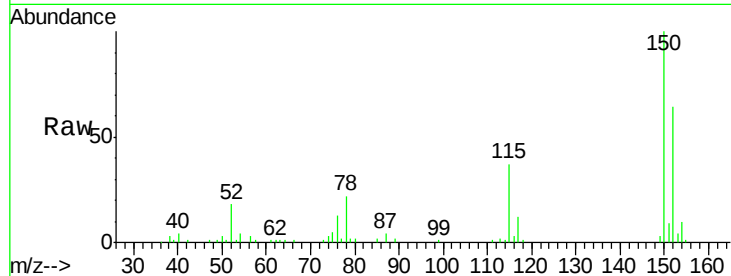
Tgt Ion:152 Resp: 39084

Ion Ratio Lower Upper

152 100

150 155.7 125.9 188.9

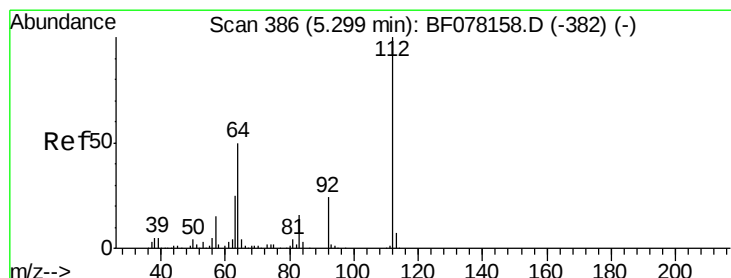
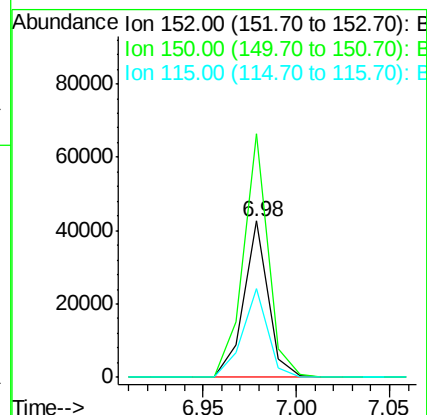
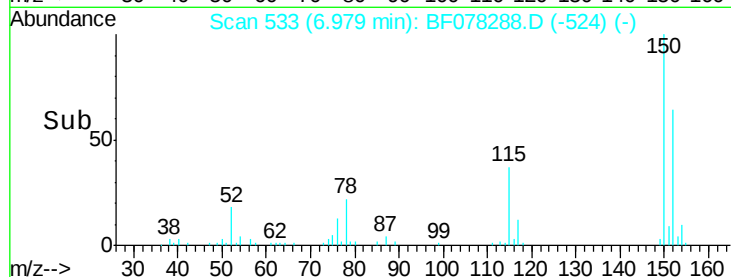
115 56.9 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 89.73 ng

RT: 5.26 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

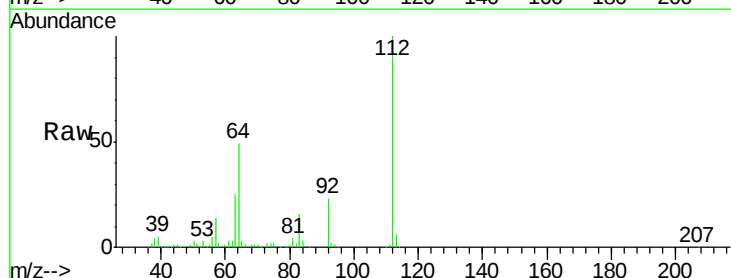
Tgt Ion:112 Resp: 212709

Ion Ratio Lower Upper

112 100

64 48.9 39.9 59.9

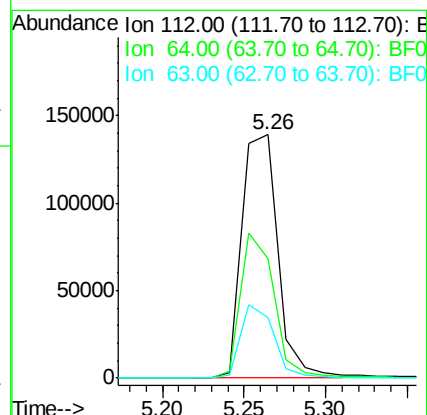
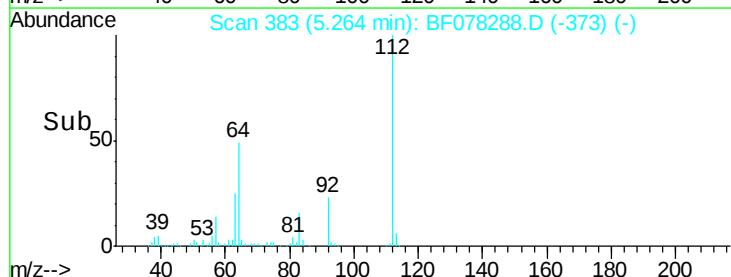
63 24.9 20.2 30.4

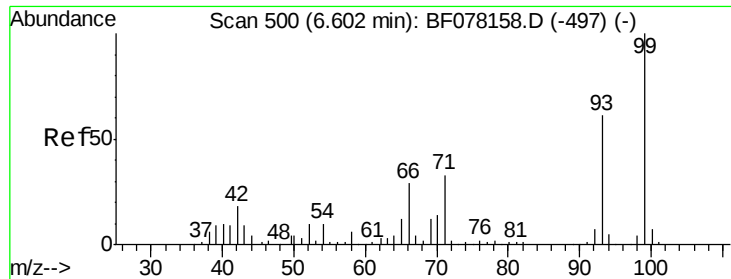


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.49 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-6(3-5)

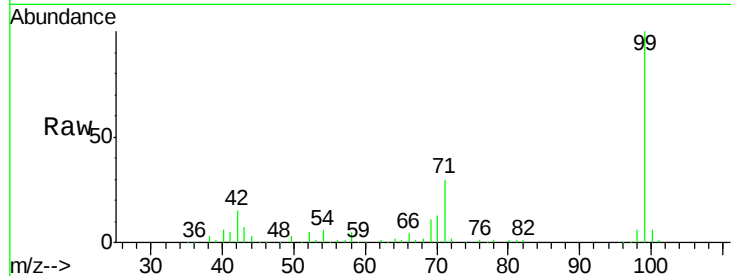
Tgt Ion: 99 Resp: 271788

Ion Ratio Lower Upper

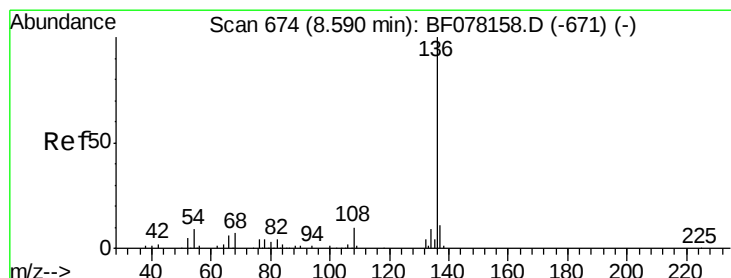
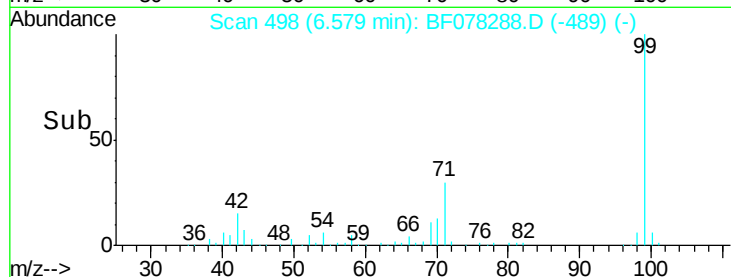
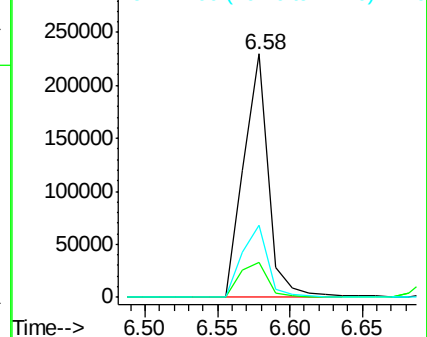
99 100

42 14.5 14.8 22.2#

71 29.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

Tgt Ion: 136 Resp: 157373

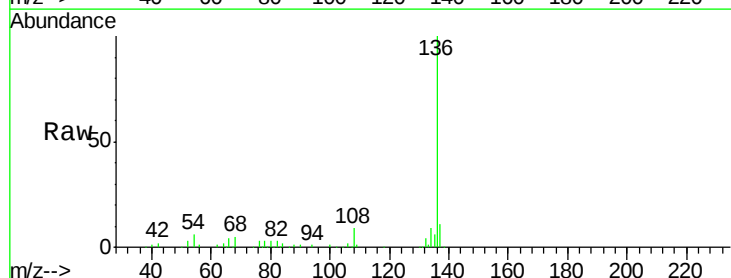
Ion Ratio Lower Upper

136 100

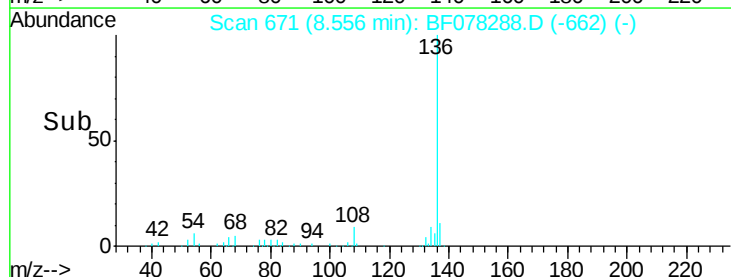
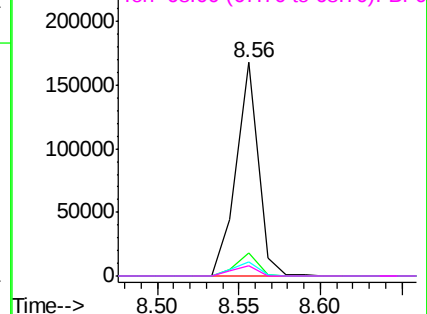
137 10.6 9.0 13.4

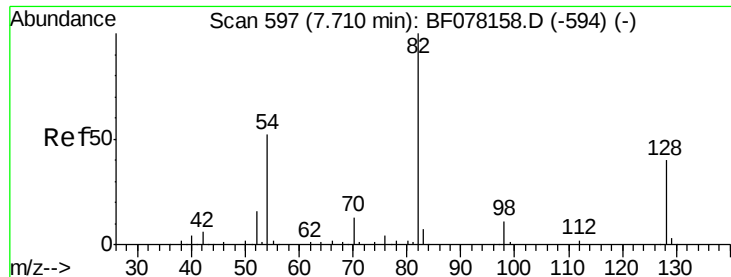
54 6.4 7.0 10.6#

68 5.0 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

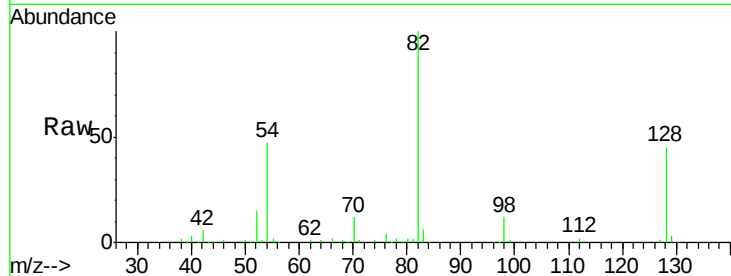




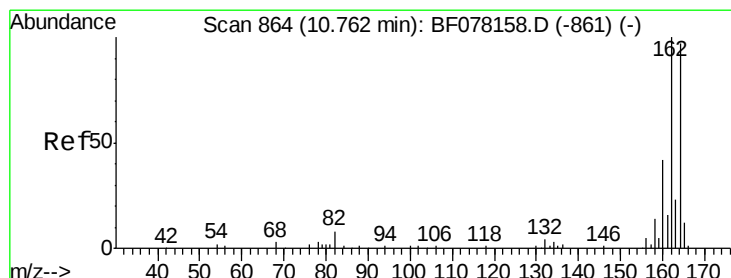
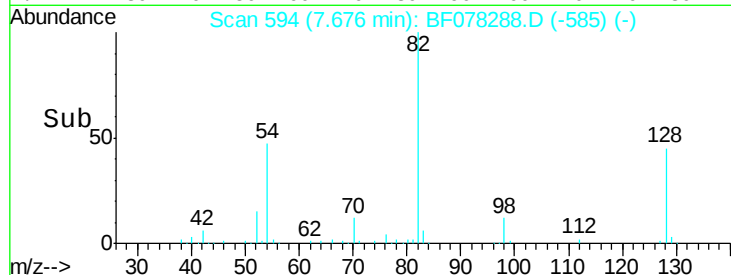
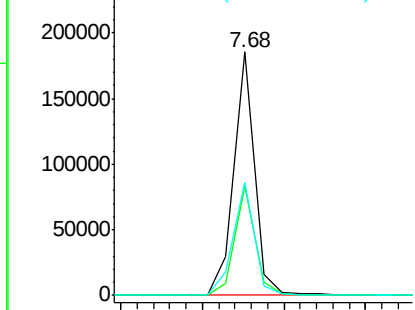
#23
 Nitrobenzene-d5
 Concen: 62.72 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF078288.D
 Acq: 7 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(3-5)

Tgt Ion: 82 Resp: 162831
 Ion Ratio Lower Upper
 82 100
 128 45.0 31.8 47.8
 54 46.7 41.5 62.3

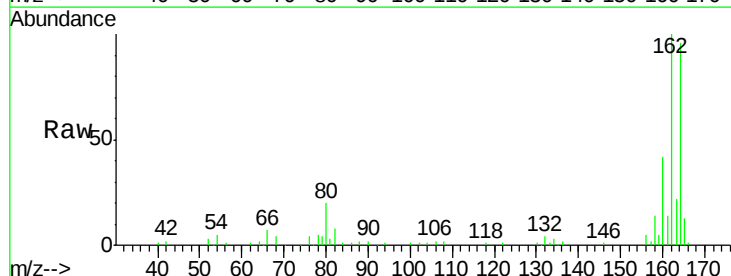


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

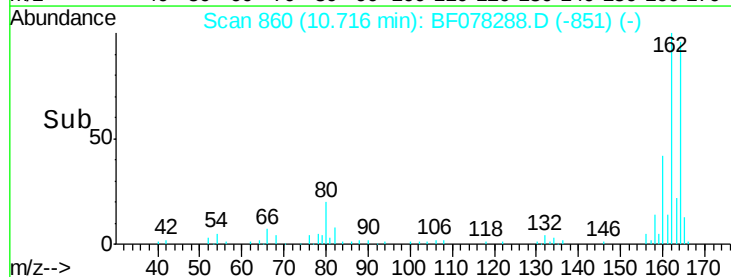
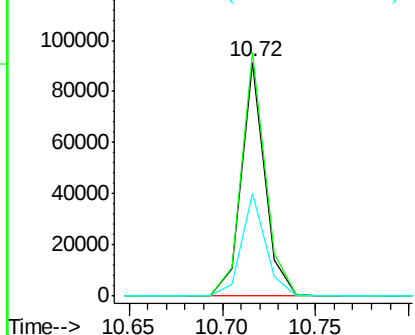


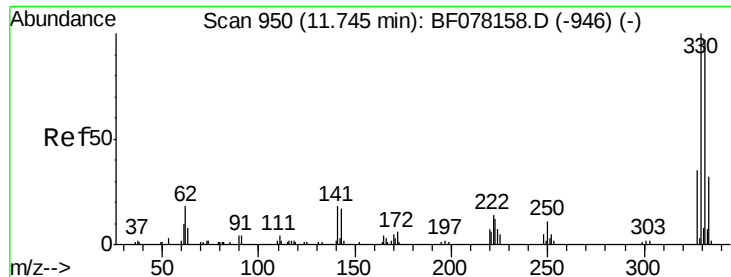
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF078288.D
 Acq: 7 Apr 2015 7:30

Tgt Ion: 164 Resp: 80067
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.2 123.2
 160 44.2 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

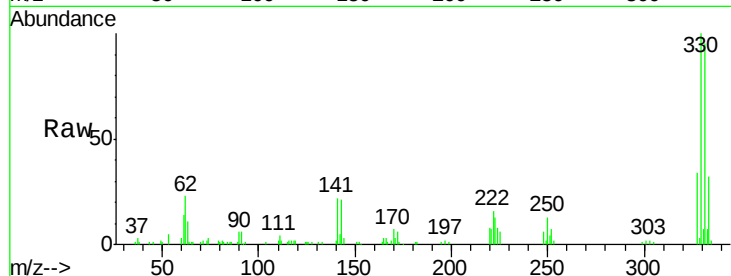




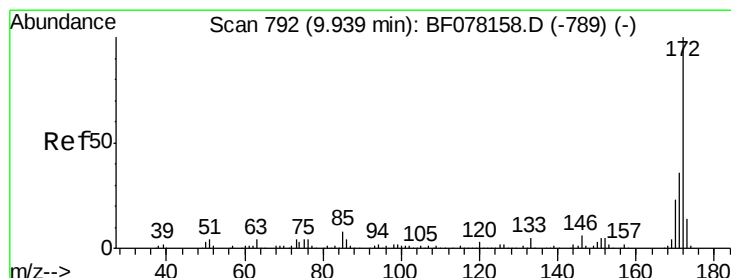
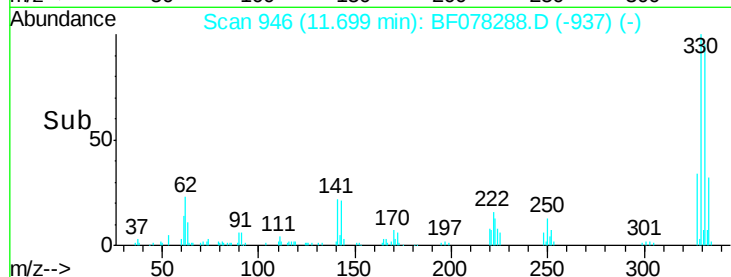
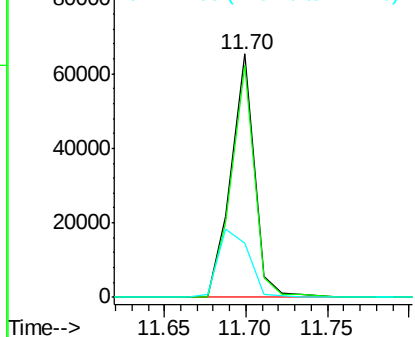
#41
 2,4,6-Tribromophenol
 Concen: 98.31 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF078288.D
 Acq: 7 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(3-5)

Tgt Ion:330 Resp: 65281
 Ion Ratio Lower Upper
 330 100
 332 94.3 78.6 117.8
 141 36.6 31.2 46.8

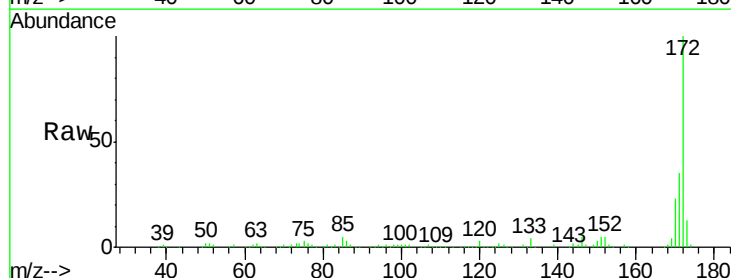


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

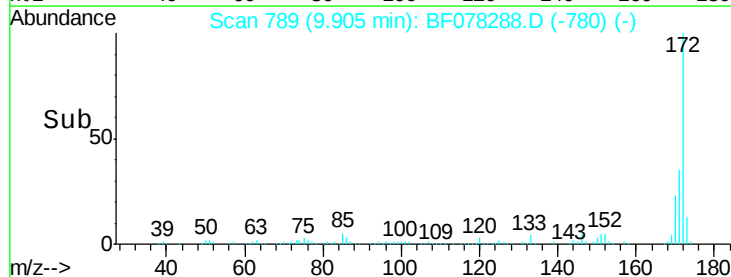
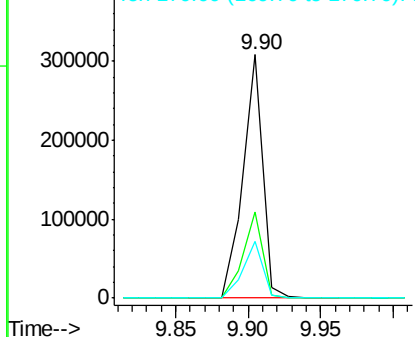


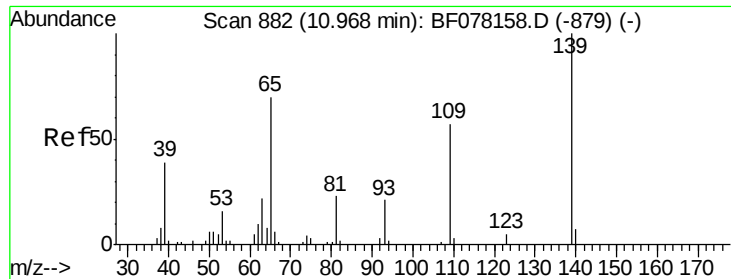
#44
 2-Fluorobiphenyl
 Concen: 52.02 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078288.D
 Acq: 7 Apr 2015 7:30

Tgt Ion:172 Resp: 291358
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

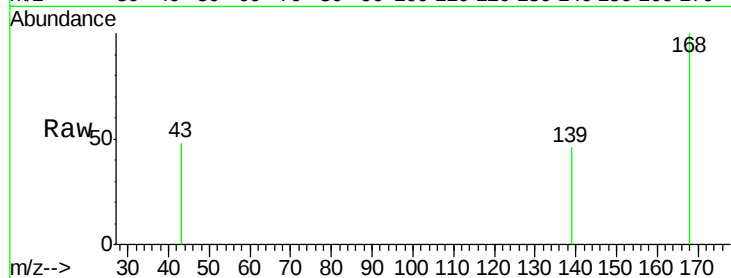




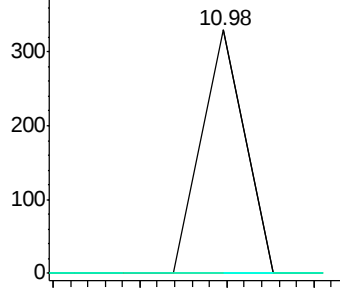
#55
4-Nitrophenol
Concen: 2.98 ng
RT: 10.98 min Scan# 883
Delta R.T. 0.05 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

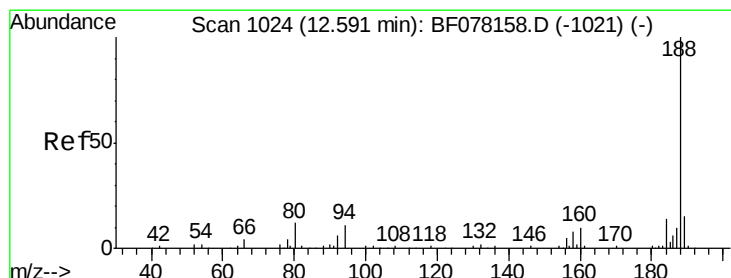
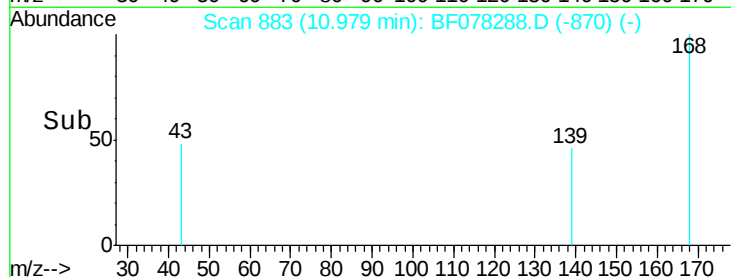
Tgt Ion:139 Resp: 226
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#



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

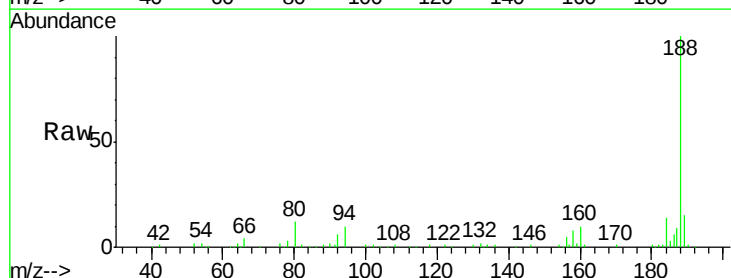


Time--> 10.94 10.96 10.98 11.00

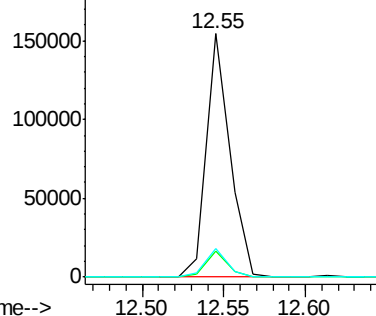


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

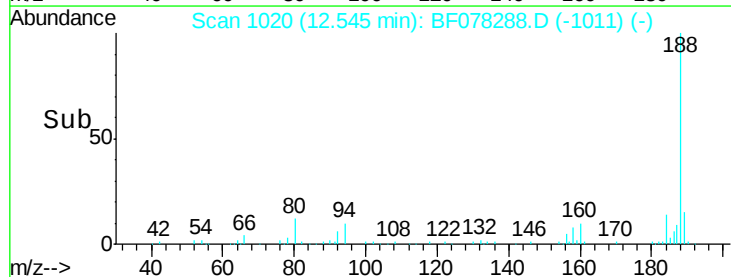
Tgt Ion:188 Resp: 153178
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.7 9.5 14.3

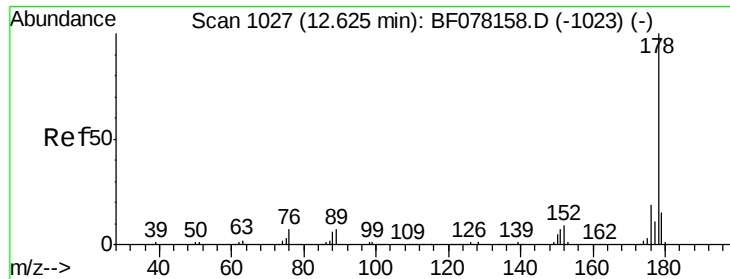


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



Time--> 12.50 12.55 12.60

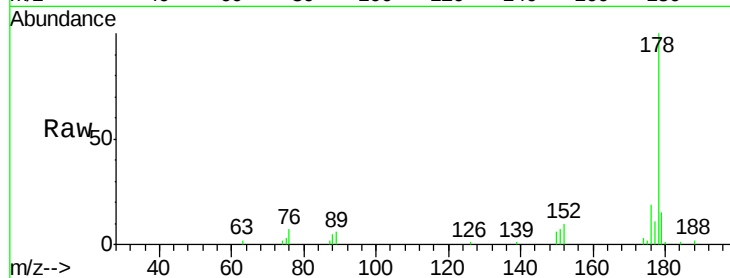




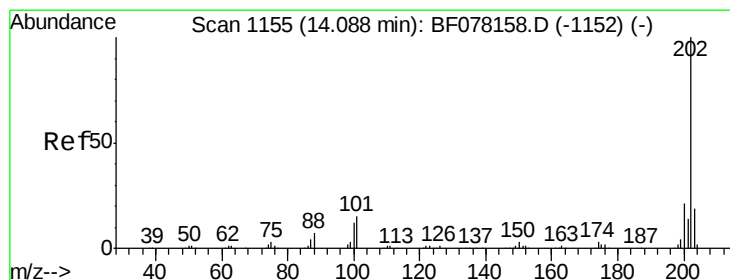
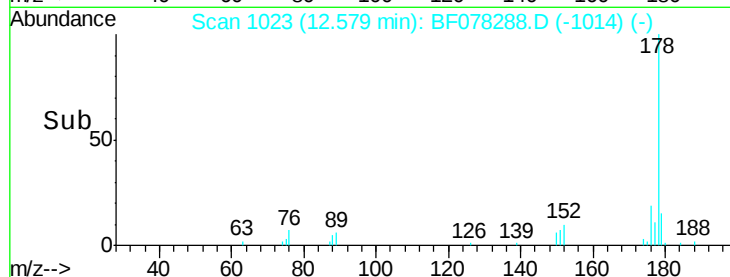
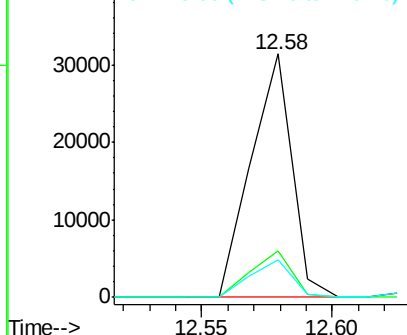
#70
Phenanthrene
Concen: 3.90 ng
RT: 12.58 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tgt Ion:178 Resp: 34592
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.2 18.2

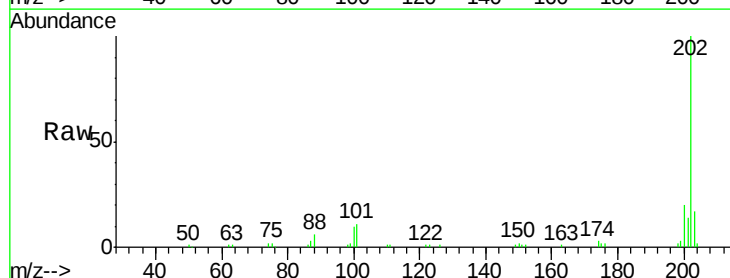


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

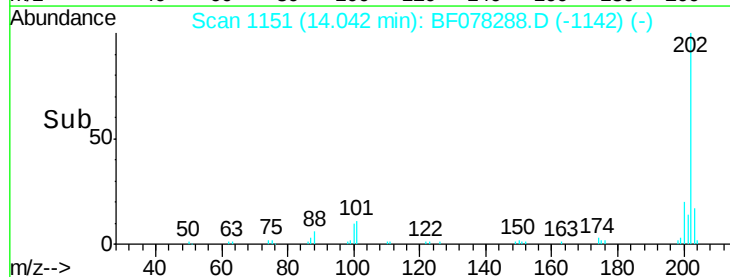
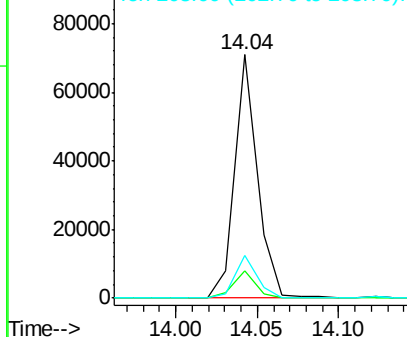


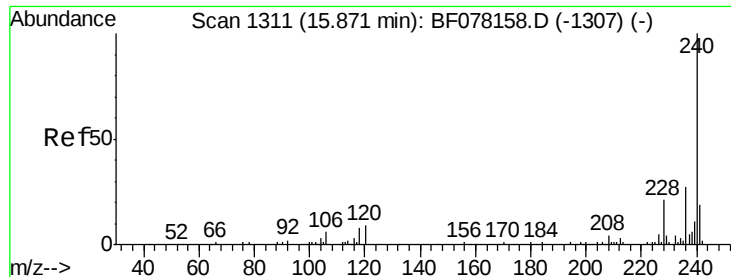
#74
Fluoranthene
Concen: 7.25 ng
RT: 14.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:202 Resp: 67783
Ion Ratio Lower Upper
202 100
101 11.4 0.0 35.2
203 17.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.81 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-6(3-5)

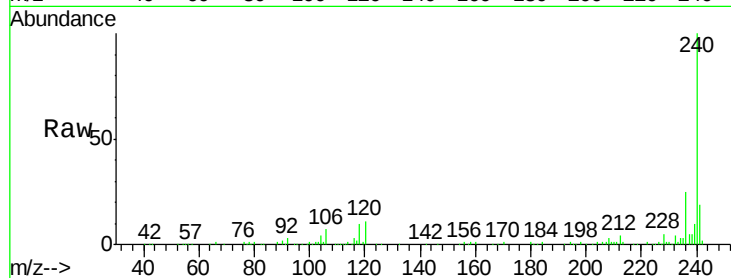
Tgt Ion:240 Resp: 169866

Ion Ratio Lower Upper

240 100

120 10.7 7.1 10.7

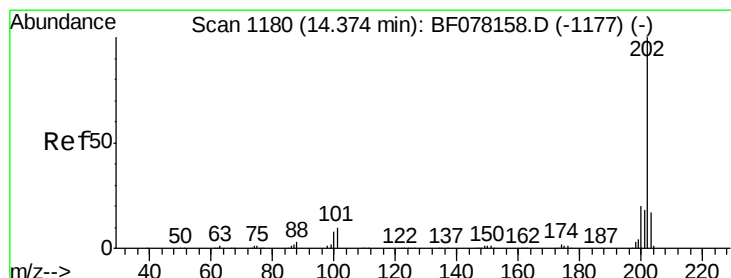
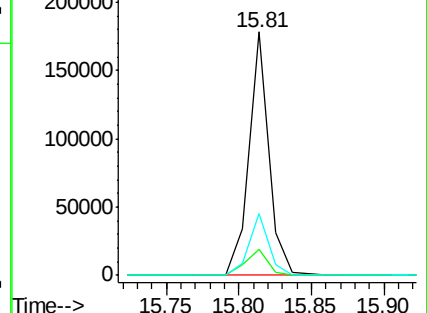
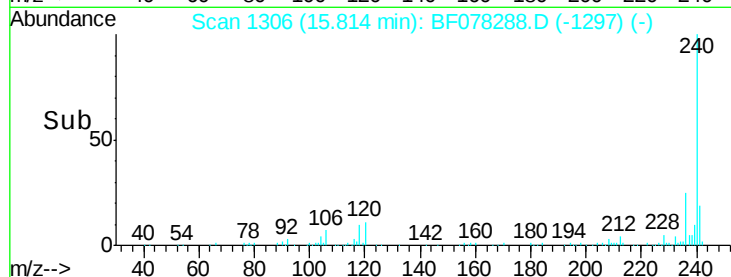
236 25.3 21.4 32.2



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: 5.34 ng

RT: 14.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

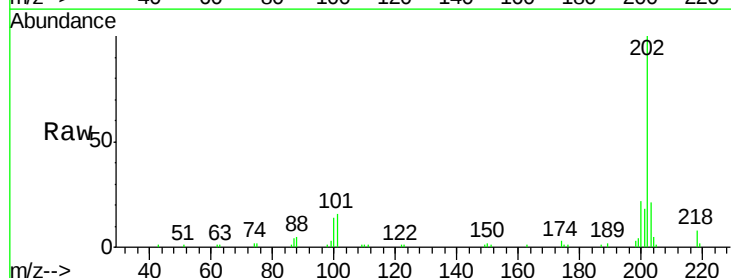
Tgt Ion:202 Resp: 56927

Ion Ratio Lower Upper

202 100

200 21.6 16.3 24.5

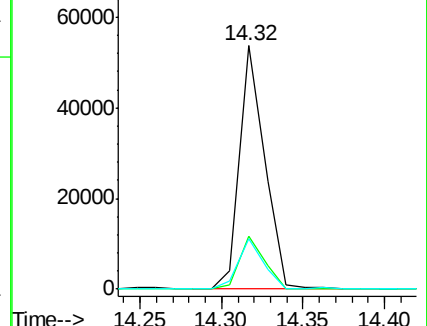
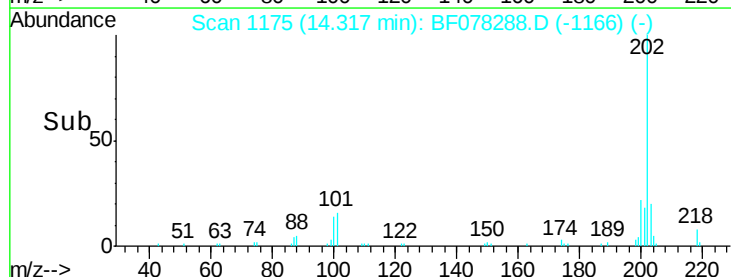
203 20.9 13.8 20.6#

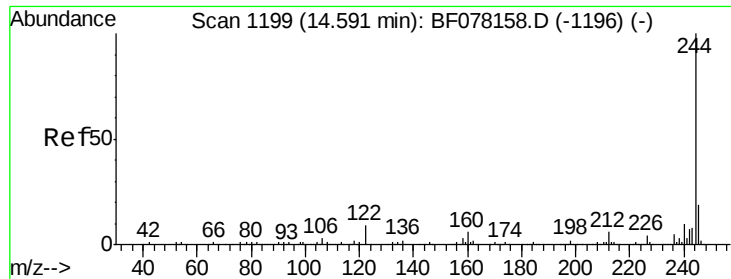


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 44.52 ng

RT: 14.55 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-6(3-5)

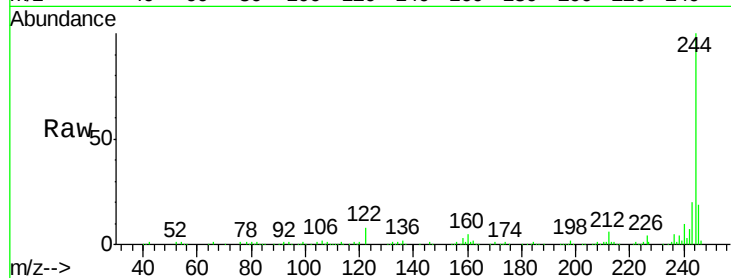
Tgt Ion:244 Resp: 334695

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

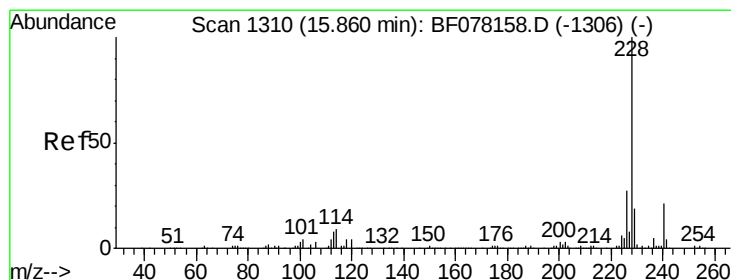
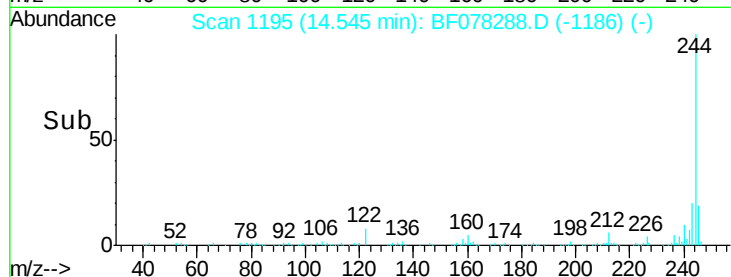
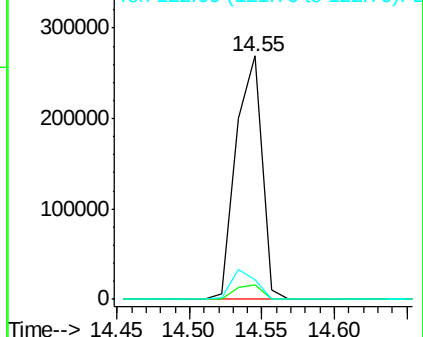
122 7.8 7.1 10.7



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: 3.74 ng

RT: 15.80 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

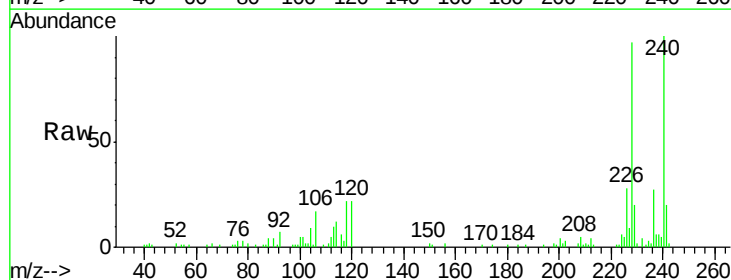
Tgt Ion:228 Resp: 37810

Ion Ratio Lower Upper

228 100

226 28.8 21.3 31.9

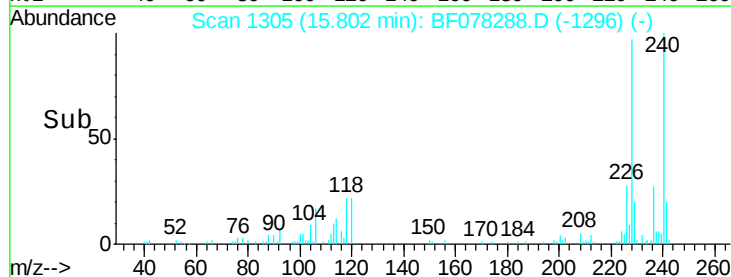
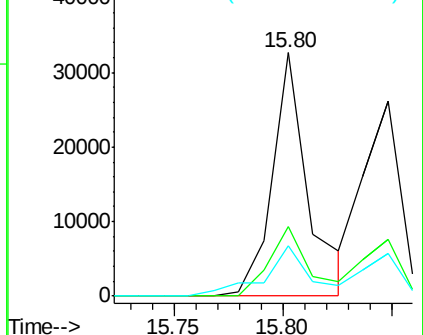
229 20.8 15.4 23.2

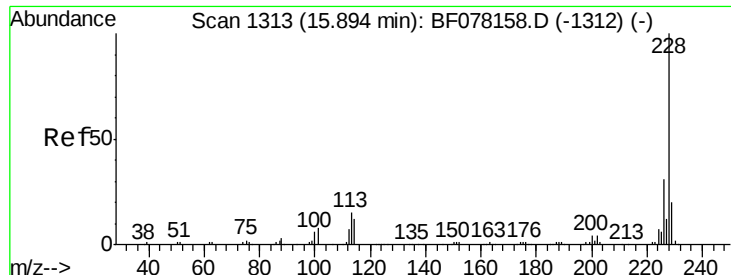


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.30 ng

RT: 15.85 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

Instrument :

BNA_F

ClientSampled :

SB-6(3-5)

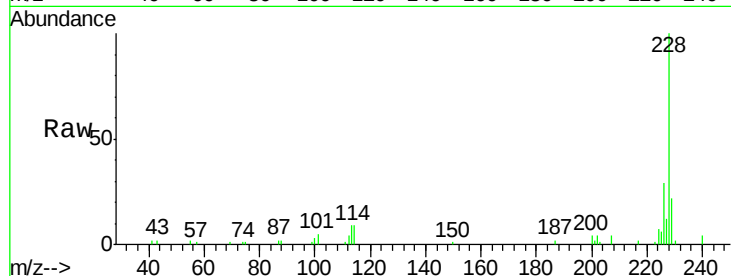
Tgt Ion: 228 Resp: 31347

Ion Ratio Lower Upper

228 100

226 28.9 24.2 36.4

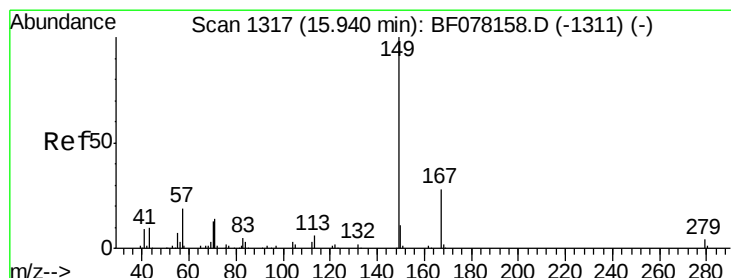
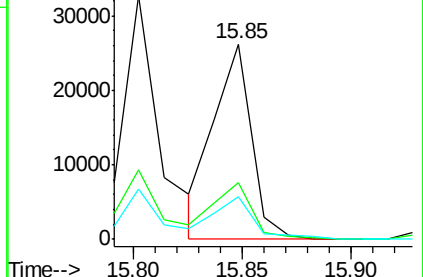
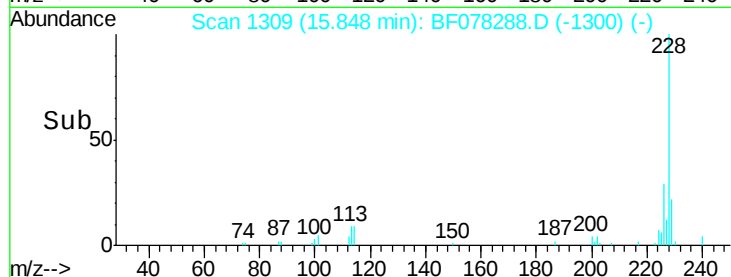
229 21.8 15.8 23.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 9.20 ng

RT: 15.88 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF078288.D

Acq: 7 Apr 2015 7:30

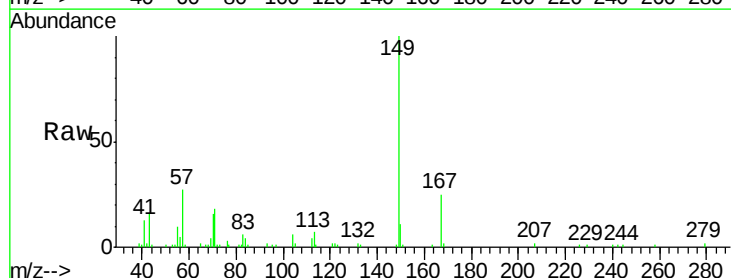
Tgt Ion: 149 Resp: 58639

Ion Ratio Lower Upper

149 100

167 25.3 22.2 33.2

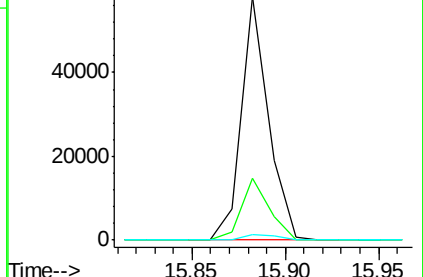
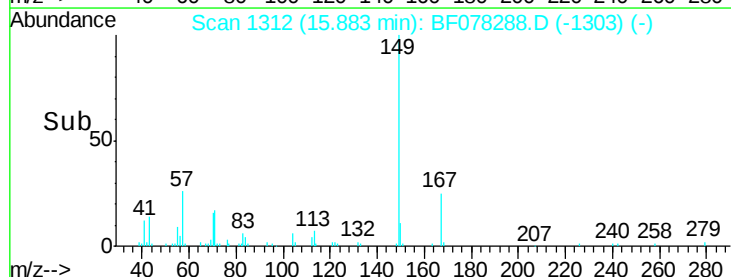
279 2.4 3.2 4.8#

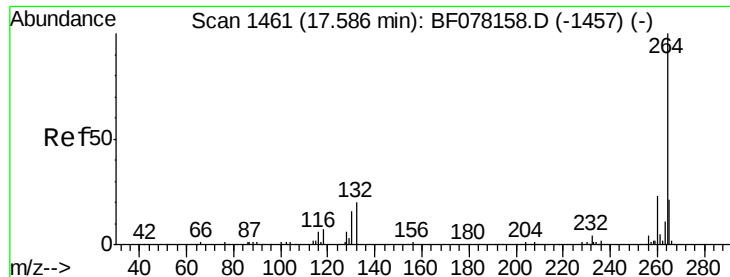


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

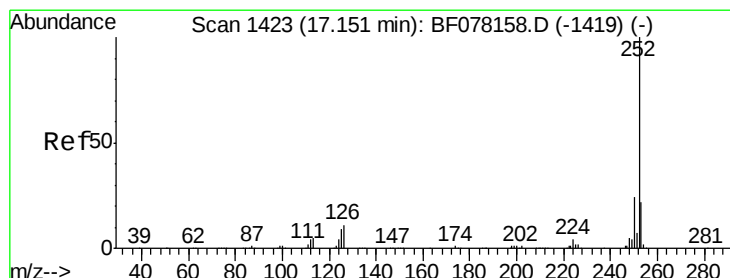
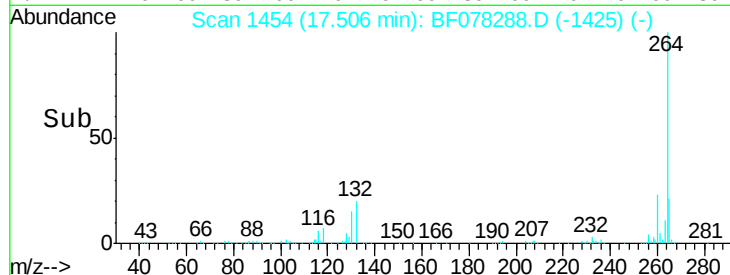
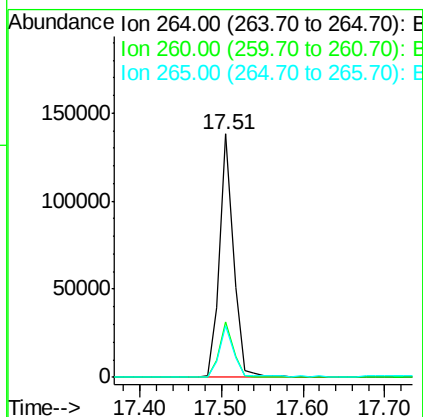
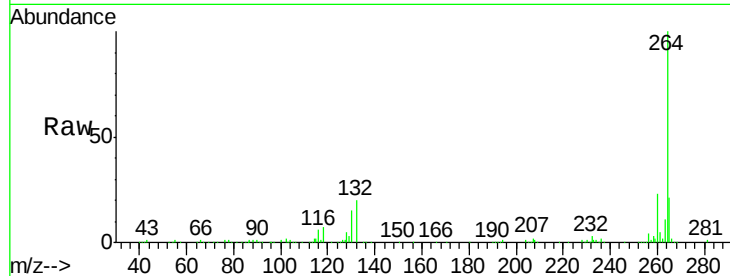




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.03 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

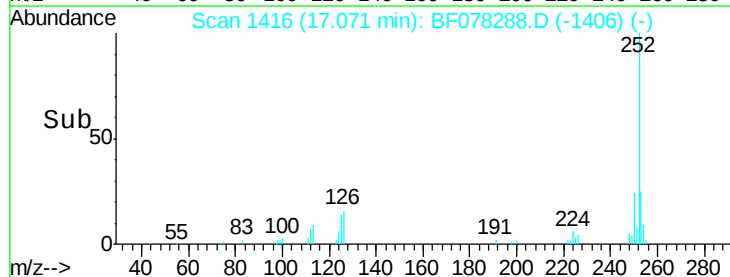
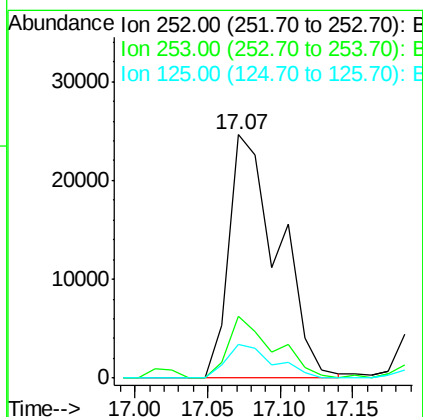
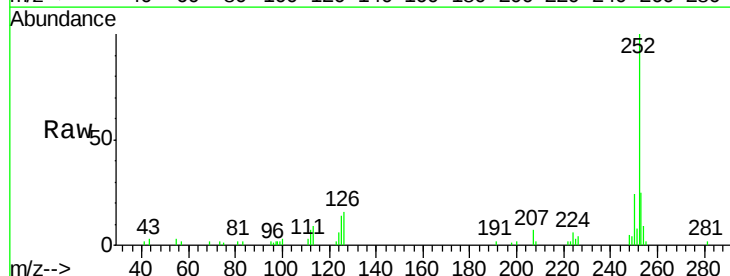
Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

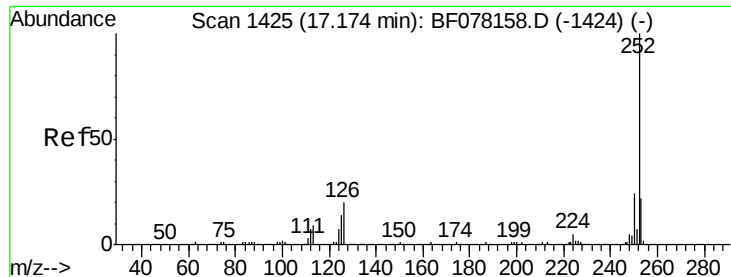
Tgt Ion:264 Resp: 164927
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.2 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 5.69 ng
RT: 17.07 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion:252 Resp: 58004
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 13.9 7.0 10.4#

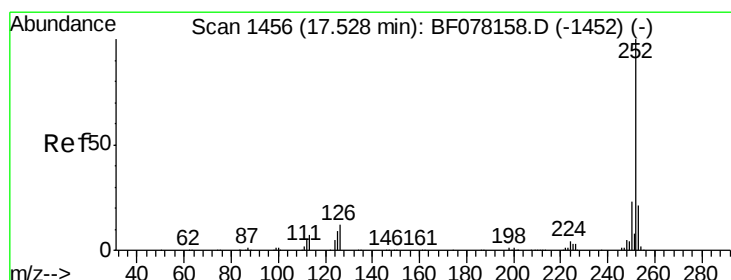
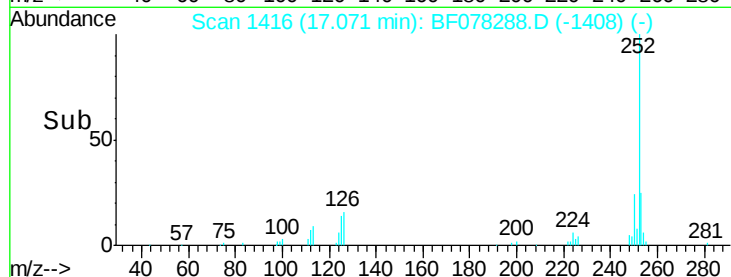
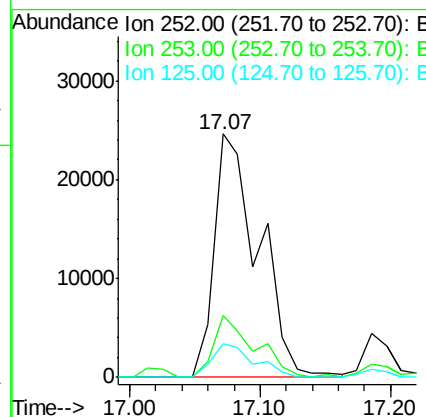
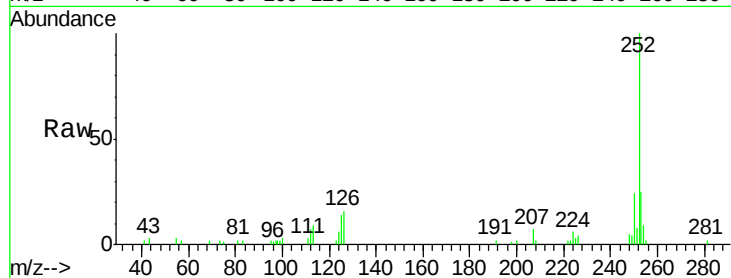




#88
Benzo(k)fluoranthene
Concen: 6.46 ng
RT: 17.07 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

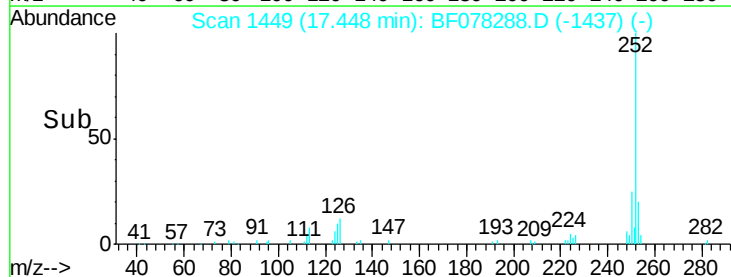
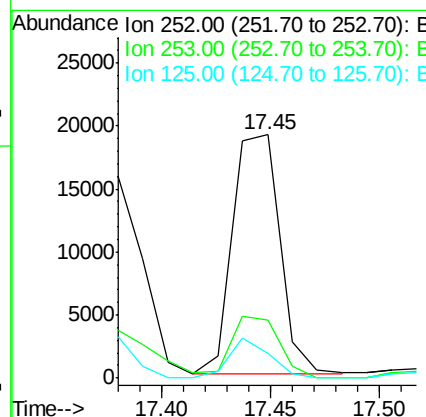
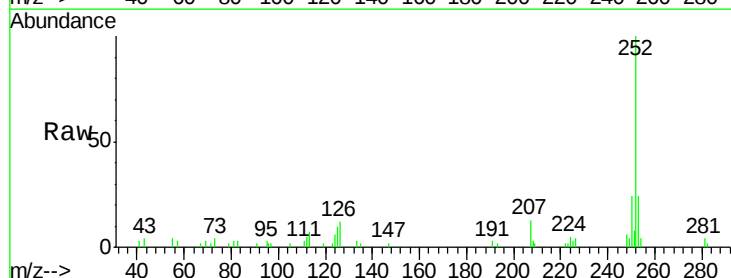
Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

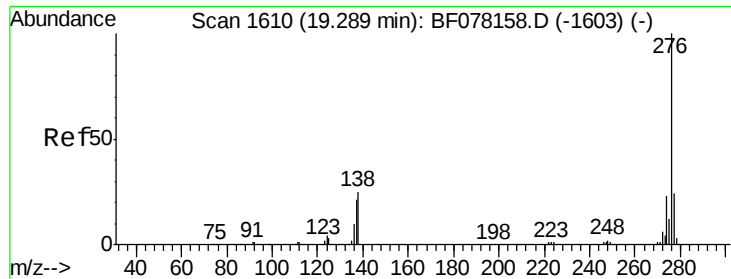
Tgt Ion: 252 Resp: 58506
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 13.9 11.6 17.4



#89
Benzo(a)pyrene
Concen: 3.22 ng
RT: 17.45 min Scan# 1449
Delta R.T. 0.03 min
Lab File: BF078288.D
Acq: 7 Apr 2015 7:30

Tgt Ion: 252 Resp: 28616
Ion Ratio Lower Upper
252 100
253 23.8 16.8 25.2
125 10.0 7.4 11.0





#91

Benzo(g,h,i)perylene

Concen: 2.05 ng

RT: 19.16 min Scan# 1599

Delta R.T. 0.03 min

Lab File: BF078288.D

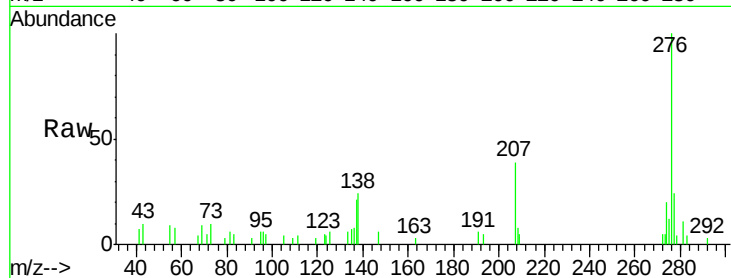
Acq: 7 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

SB-6(3-5)



Tgt Ion:	276	Resp:	18347
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	24.3	19.9	29.9

