

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078277.D
 Acq On : 7 Apr 2015 2:14
 Operator : TP/IZ
 Sample : G1745-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S

Quant Time: Apr 07 03:34:30 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

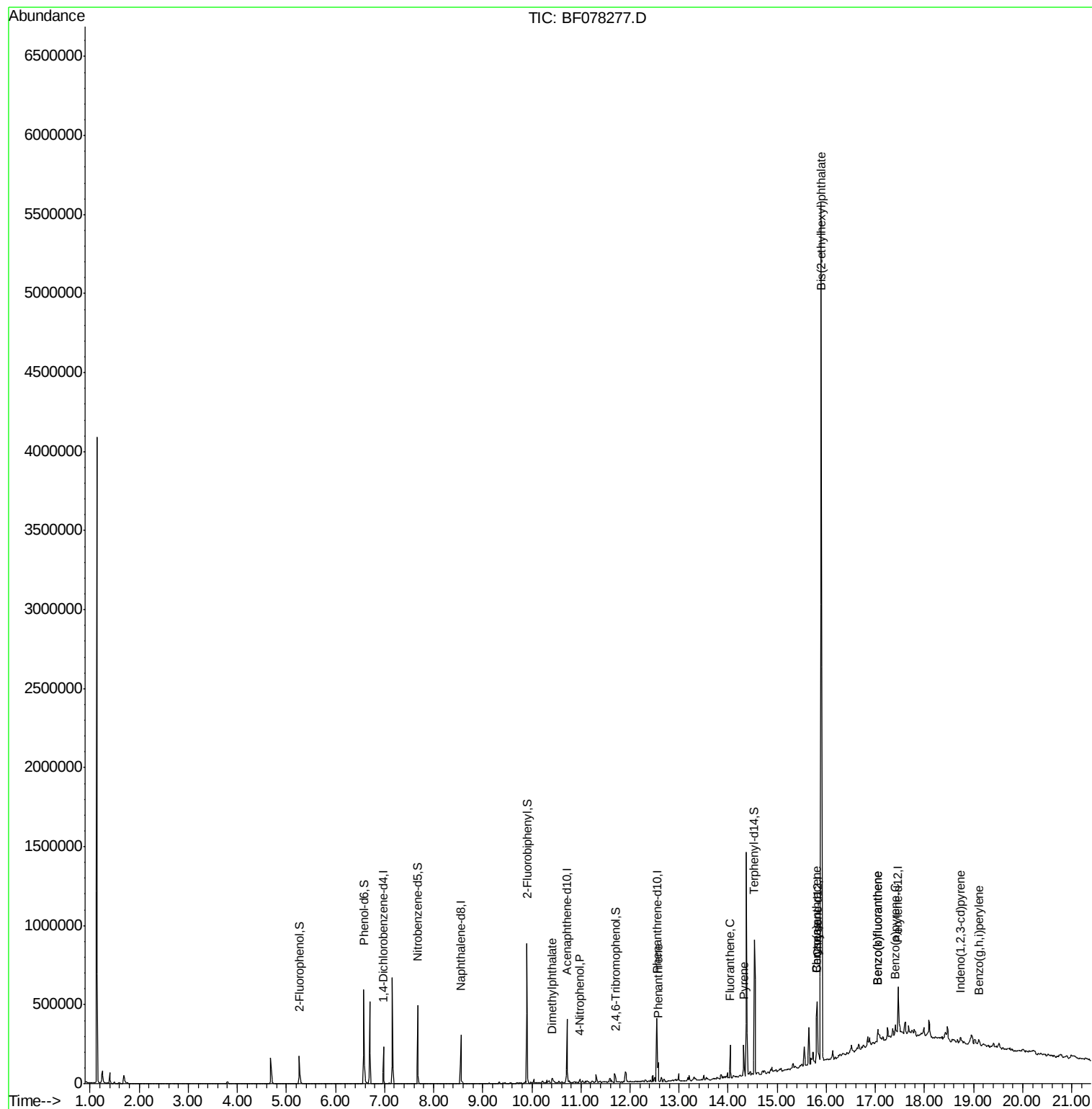
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	39404	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	158792	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	81015	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	154655	20.00	ng	0.00
75) Chrysene-d12	15.81	240	165955	20.00	ng	0.00
86) Perylene-d12	17.46	264	164840	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	65526	27.42	ng	0.01
7) Phenol-d6	6.58	99	250922	83.78	ng	0.00
23) Nitrobenzene-d5	7.68	82	159866	61.02	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	6923	10.30	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	335497	59.19	ng	0.00
78) Terphenyl-d14	14.53	244	374498	50.99	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.42	163	15768	2.59	ng	# 99
55) 4-Nitrophenol	10.97	139	2487	5.06	ng	# 18
70) Phenanthrene	12.58	178	63681	7.12	ng	100
74) Fluoranthene	14.04	202	90881	9.63	ng	93
77) Pyrene	14.32	202	81782	7.85	ng	96
80) Benzo(a)anthracene	15.80	228	44993	4.56	ng	96
82) Chrysene	15.80	228	43279	4.67	ng	98
83) Bis(2-ethylhexyl)phthalate	15.89	149	2441853	392.10	ng	99
85) Indeno(1,2,3-cd)pyrene	18.74	276	22559	2.14	ng	# 87
87) Benzo(b)fluoranthene	17.05	252	62804	6.16	ng	# 88
88) Benzo(k)fluoranthene	17.05	252	63603	7.03	ng	# 93
89) Benzo(a)pyrene	17.40	252	33153	3.73	ng	# 81
91) Benzo(g,h,i)perylene	19.11	276	25235	2.83	ng	# 87

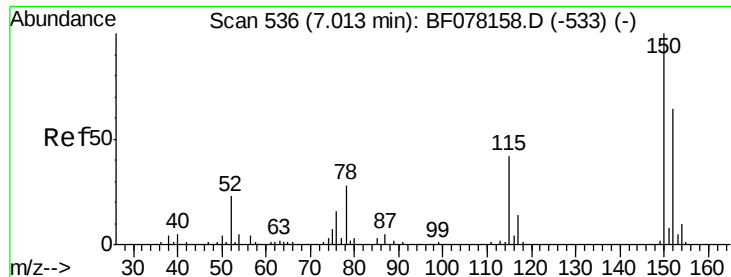
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
Data File : BF078277.D
Acq On : 7 Apr 2015 2:14
Operator : TP/IZ
Sample : G1745-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1S

Quant Time: Apr 07 03:34:30 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

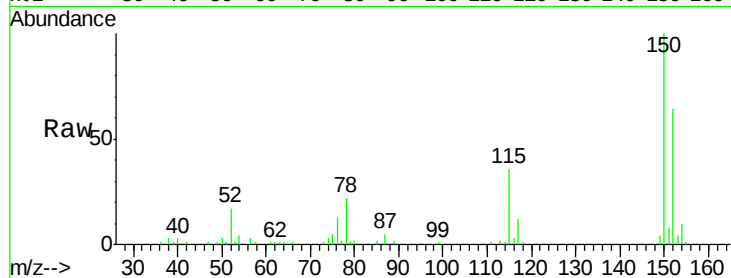
Tgt Ion:152 Resp: 39404

Ion Ratio Lower Upper

152 100

150 155.2 125.9 188.9

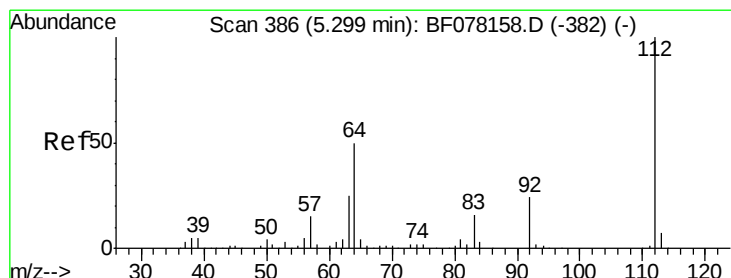
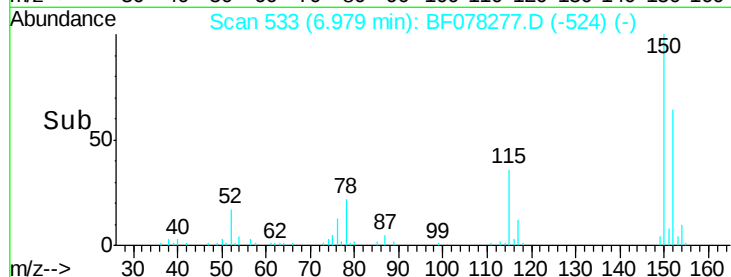
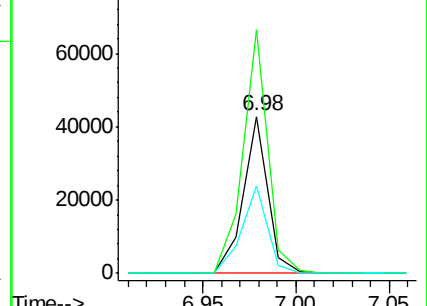
115 56.1 52.7 79.1



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: 27.42 ng

RT: 5.26 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

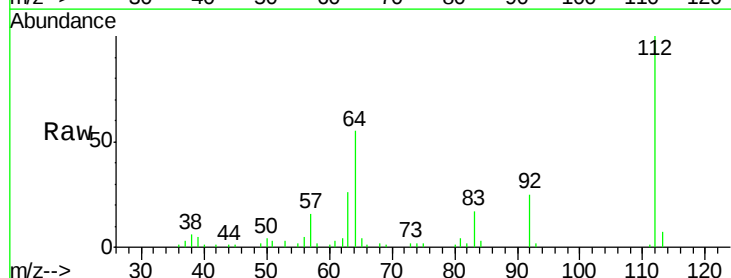
Tgt Ion:112 Resp: 65526

Ion Ratio Lower Upper

112 100

64 54.5 39.9 59.9

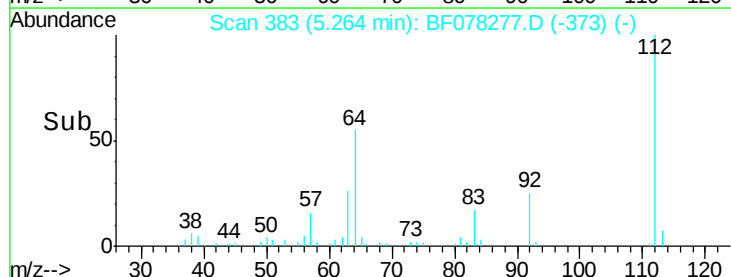
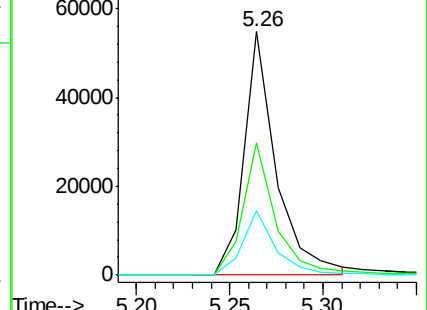
63 26.5 20.2 30.4



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: 83.78 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

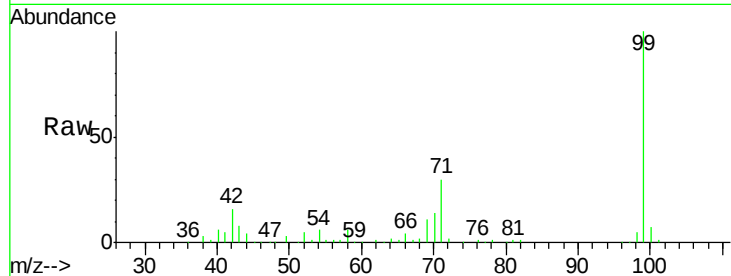
Tgt Ion: 99 Resp: 250922

Ion Ratio Lower Upper

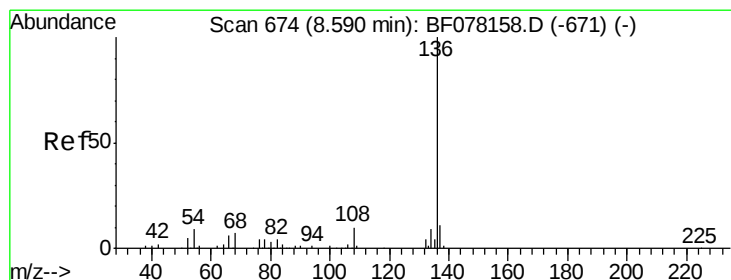
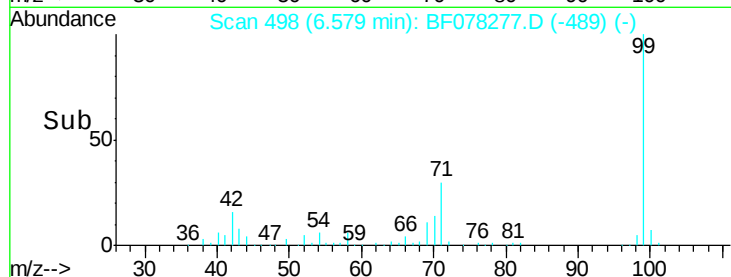
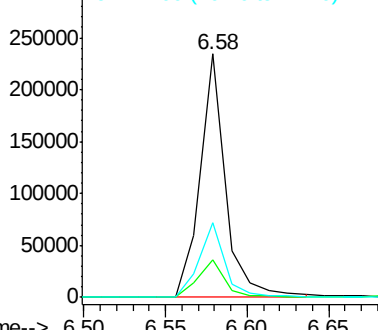
99 100

42 15.7 14.8 22.2

71 30.4 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: BF078277.D

Acq: 7 Apr 2015 2:14

Tgt Ion: 136 Resp: 158792

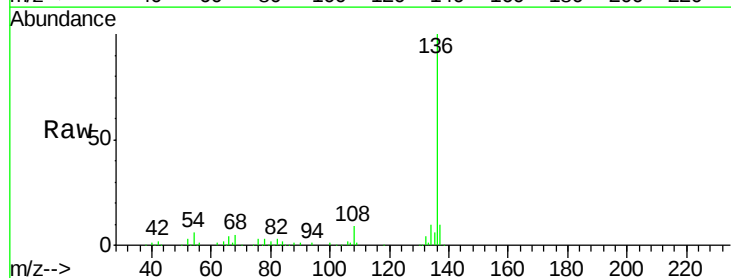
Ion Ratio Lower Upper

136 100

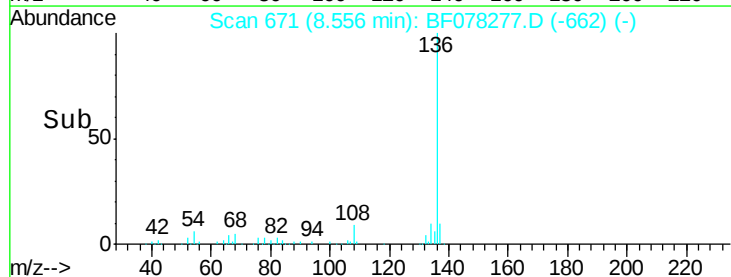
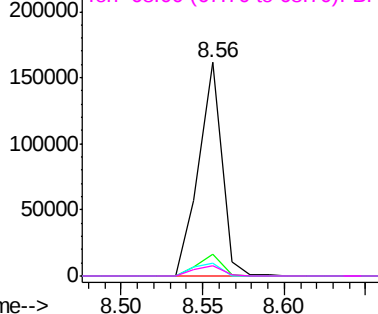
137 10.3 9.0 13.4

54 5.9 7.0 10.6#

68 4.7 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

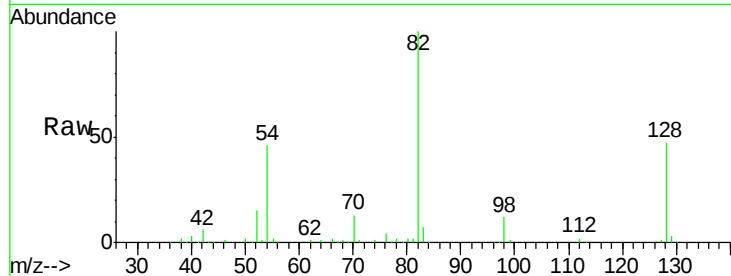




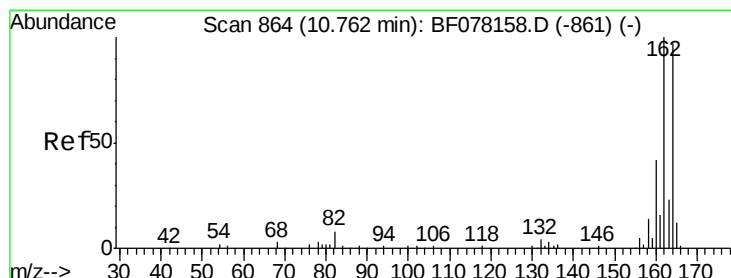
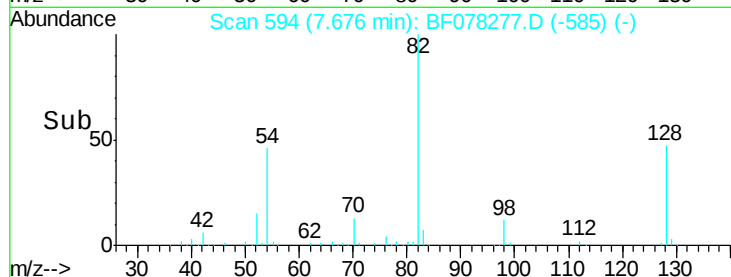
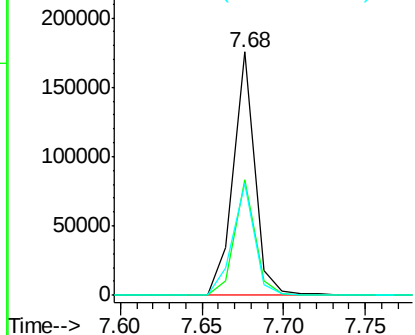
#23
 Nitrobenzene-d5
 Concen: 61.02 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

Instrument :
 BNA_F
 ClientSampleID :
 SB-1S

Tgt Ion: 82 Resp: 159866
 Ion Ratio Lower Upper
 82 100
 128 47.4 31.8 47.8
 54 46.1 41.5 62.3

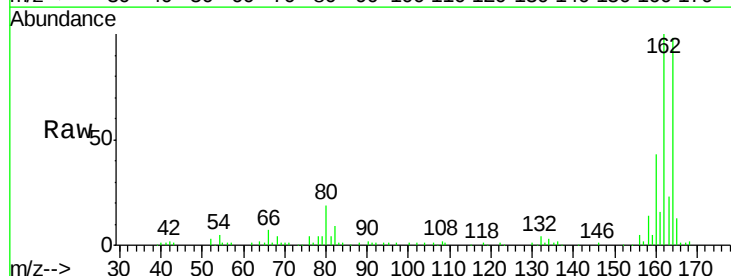


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

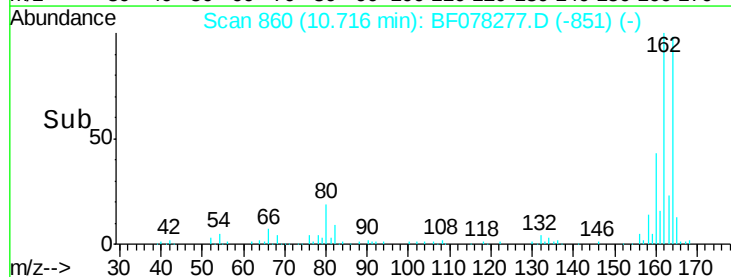
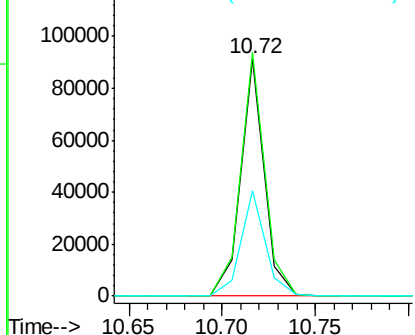


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

Tgt Ion: 164 Resp: 81015
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.2 123.2
 160 44.1 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

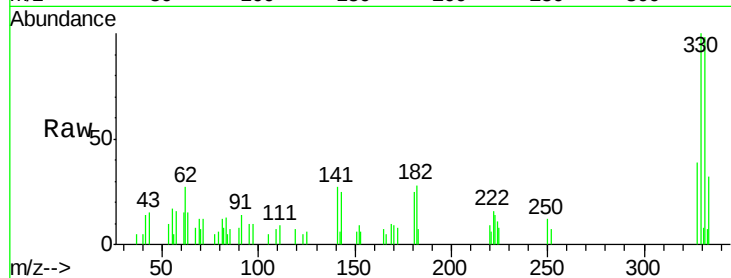




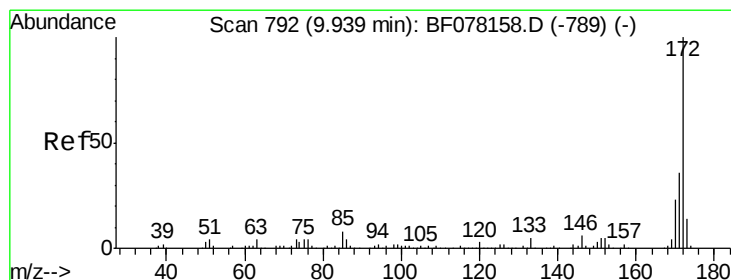
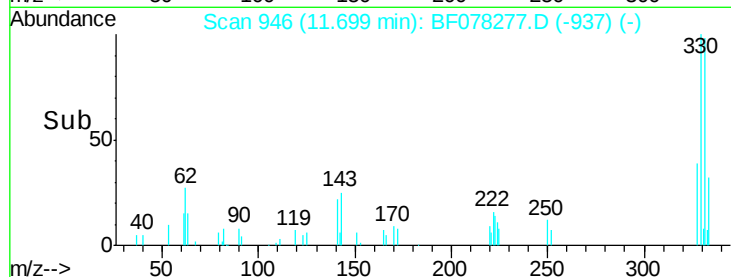
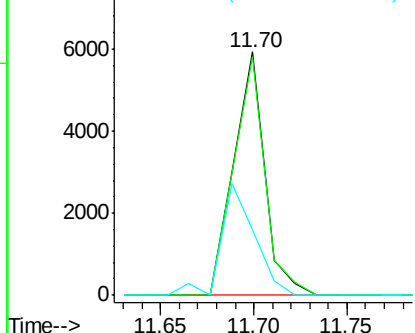
#41
 2,4,6-Tribromophenol
 Concen: 10.30 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S

Tgt Ion:330 Resp: 6923
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.6 117.8
 141 49.5 31.2 46.8#

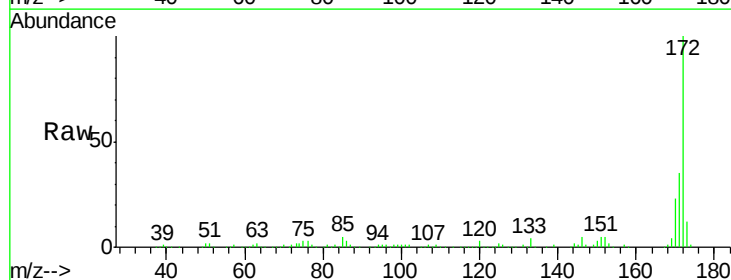


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

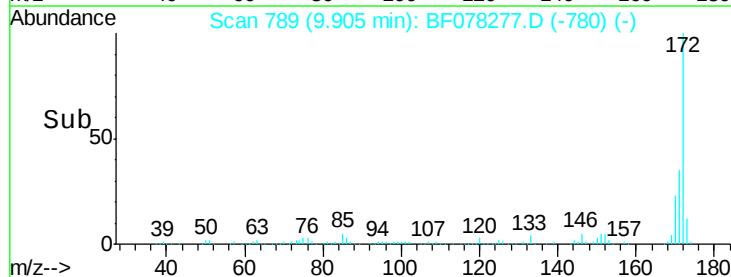
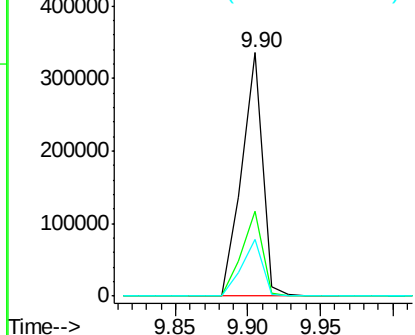


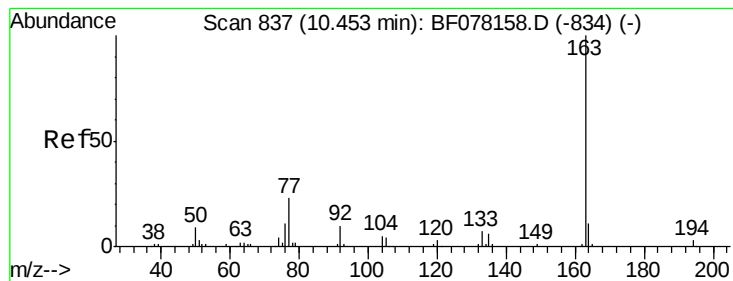
#44
 2-Fluorobiphenyl
 Concen: 59.19 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

Tgt Ion:172 Resp: 335497
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.1 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: 2.59 ng

RT: 10.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

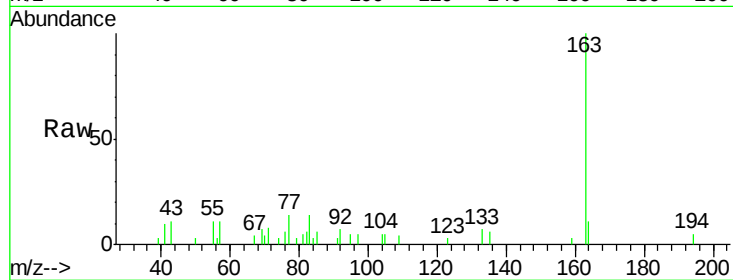
Tgt Ion:163 Resp: 15768

Ion Ratio Lower Upper

163 100

194 4.7 2.3 3.5#

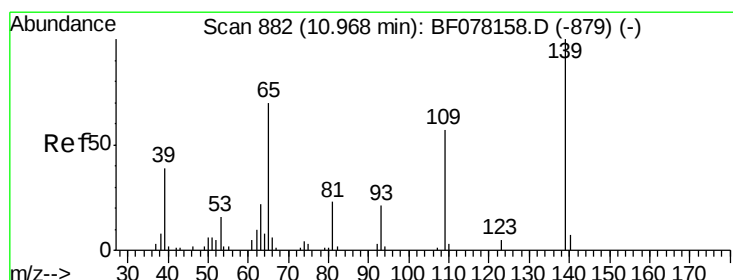
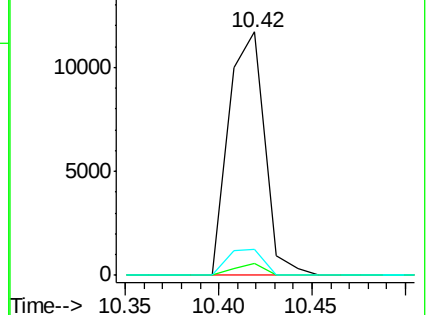
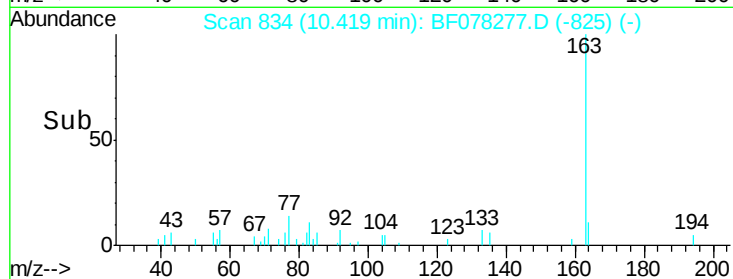
164 10.9 8.6 13.0



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



#55

4-Nitrophenol

Concen: 5.06 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.03 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

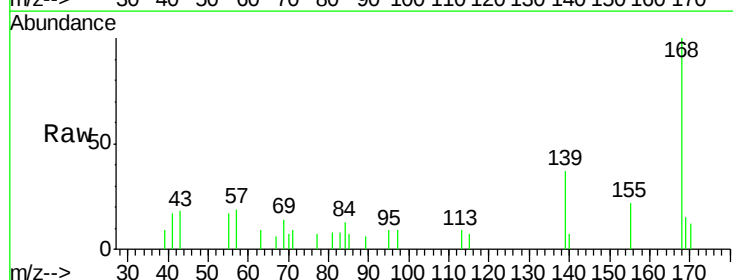
Tgt Ion:139 Resp: 2487

Ion Ratio Lower Upper

139 100

109 0.0 36.7 76.7#

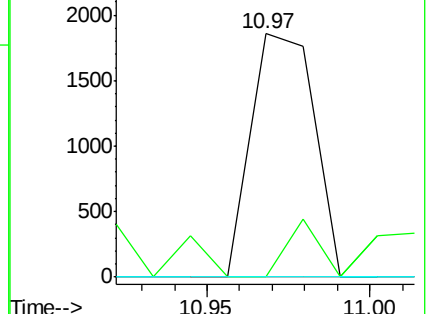
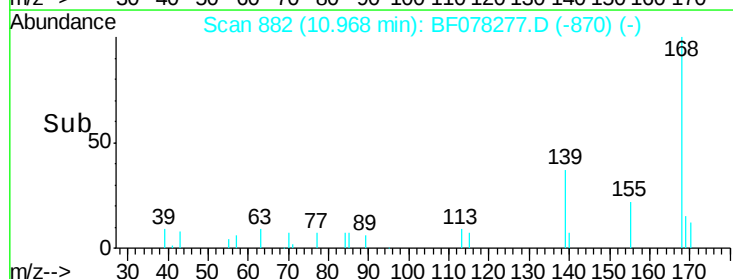
65 0.0 49.9 89.9#

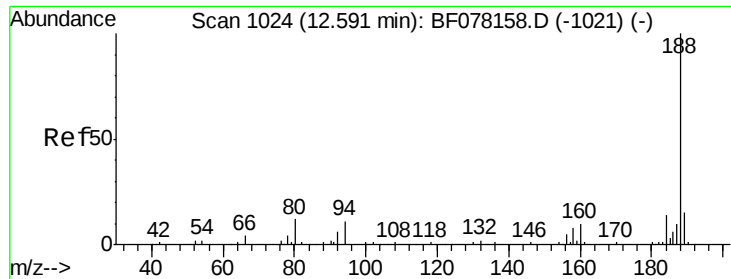


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

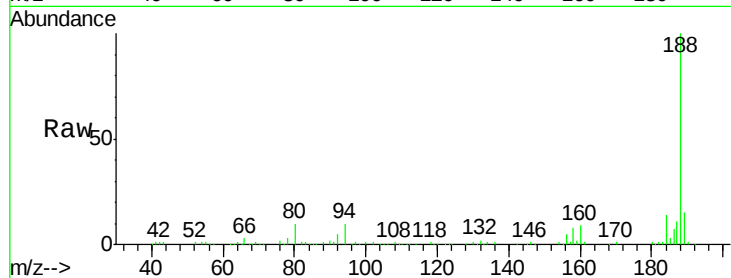




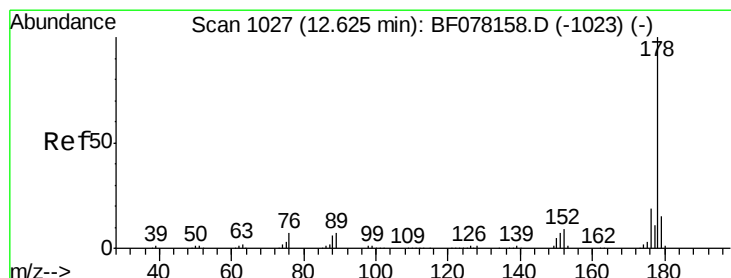
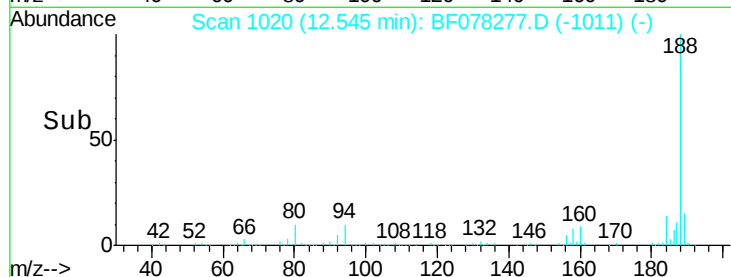
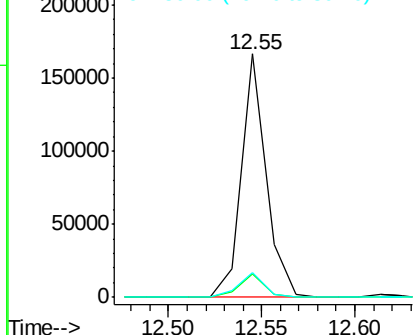
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF078277.D
Acq: 7 Apr 2015 2:14

Instrument :
BNA_F
ClientSampleId :
SB-1S

Tgt Ion:188 Resp: 154655
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 10.4 9.5 14.3

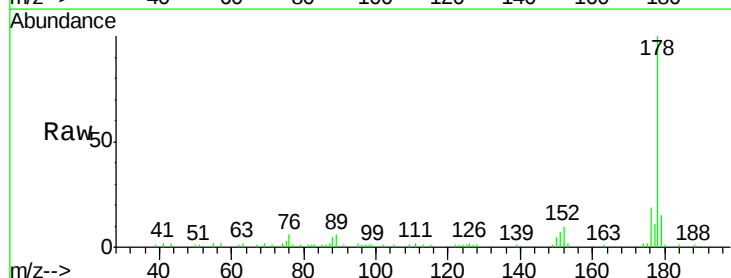


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

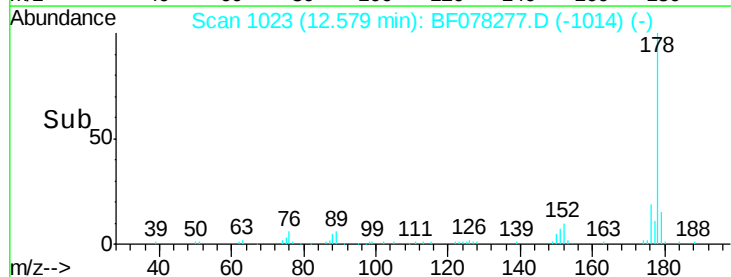
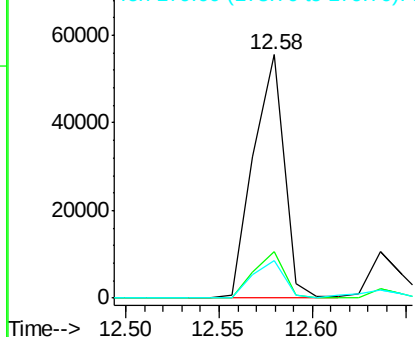


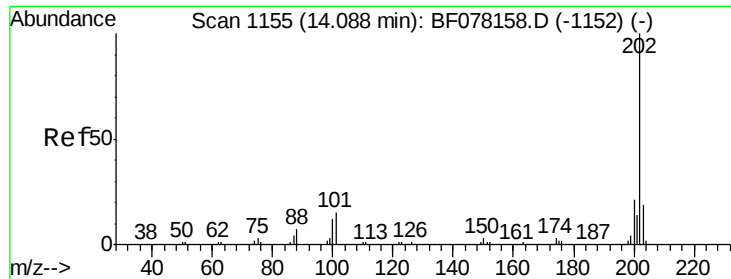
#70
Phenanthrene
Concen: 7.12 ng
RT: 12.58 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF078277.D
Acq: 7 Apr 2015 2:14

Tgt Ion:178 Resp: 63681
Ion Ratio Lower Upper
178 100
176 18.9 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





#74

Fluoranthene

Concen: 9.63 ng

RT: 14.04 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

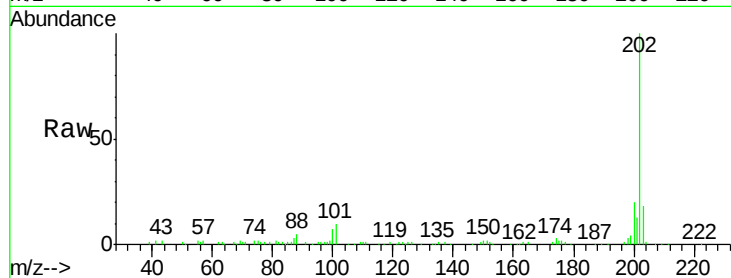
Tgt Ion:202 Resp: 90881

Ion Ratio Lower Upper

202 100

101 10.2 0.0 35.2

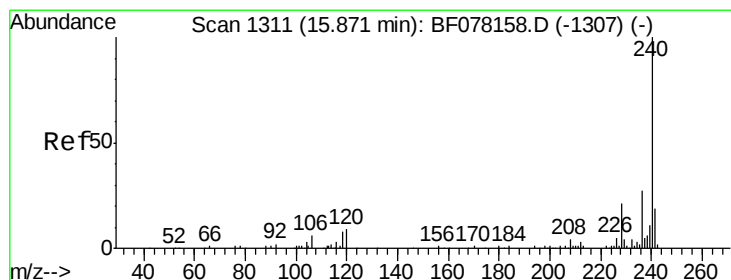
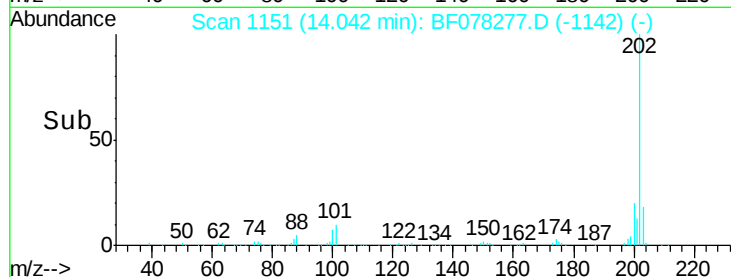
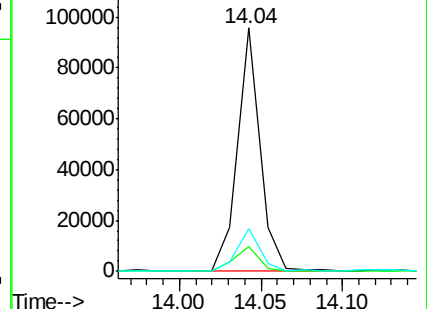
203 17.5 0.0 38.5



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: BF078277.D

Acq: 7 Apr 2015 2:14

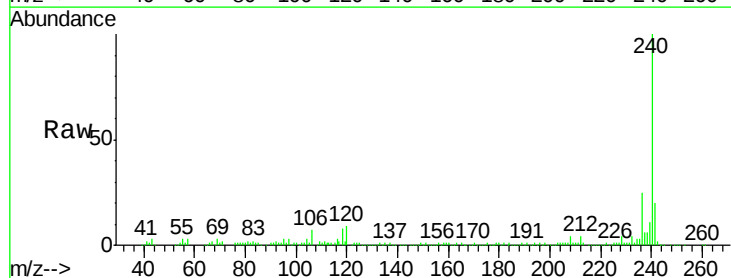
Tgt Ion:240 Resp: 165955

Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

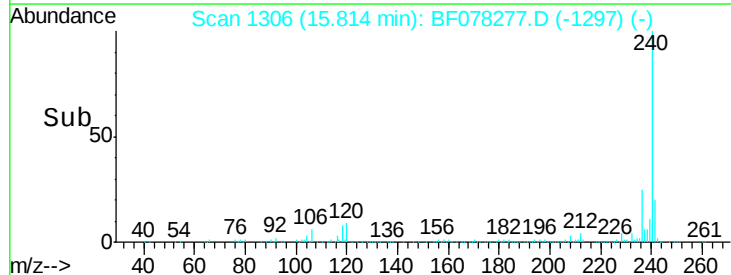
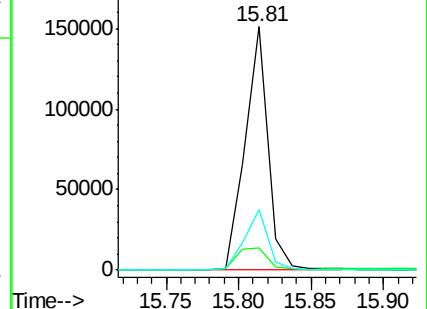
236 24.8 21.4 32.2

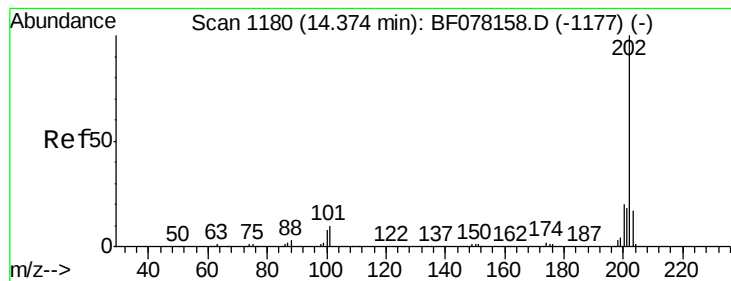


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 7.85 ng

RT: 14.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

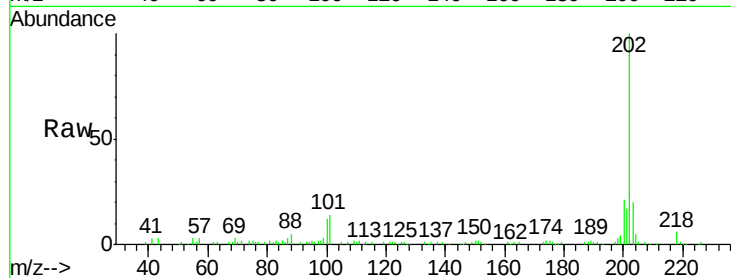
Tgt Ion: 202 Resp: 81782

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

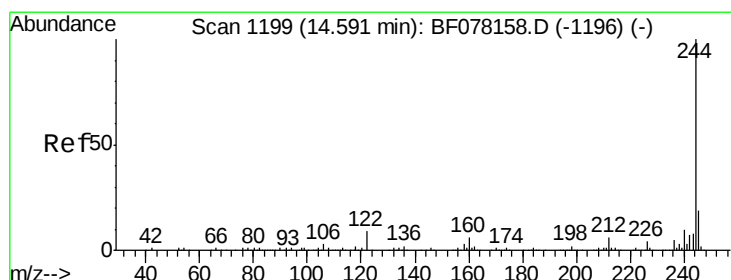
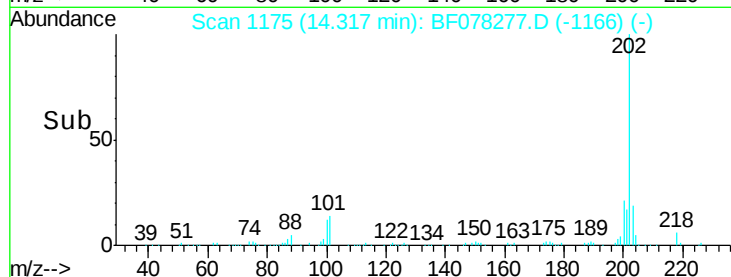
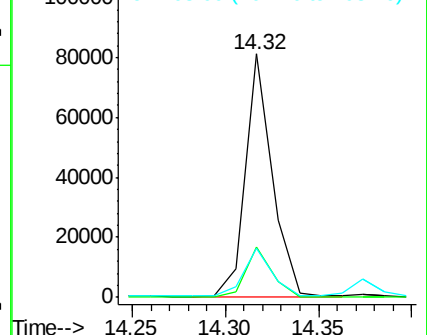
203 20.2 13.8 20.6



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: 50.99 ng

RT: 14.53 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

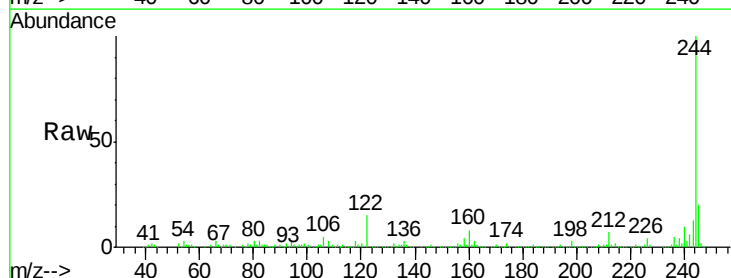
Tgt Ion: 244 Resp: 374498

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

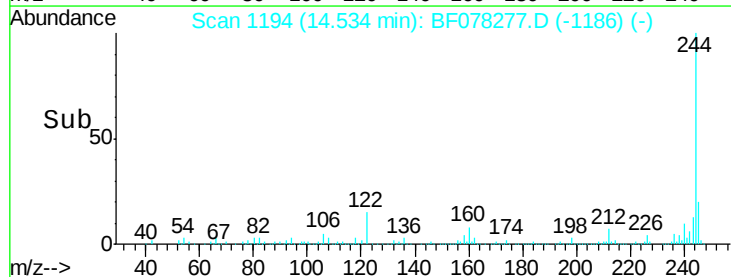
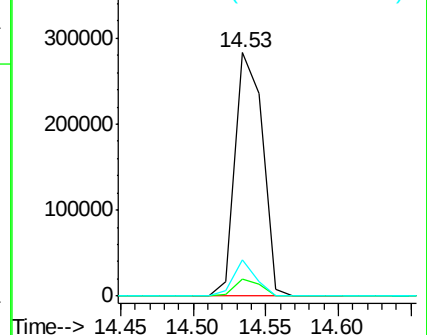
122 14.9 7.1 10.7#

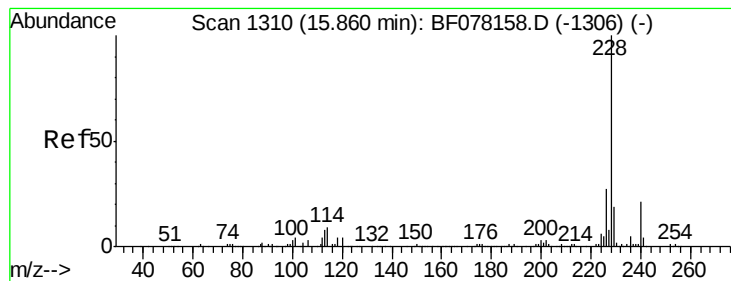


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 4.56 ng

RT: 15.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

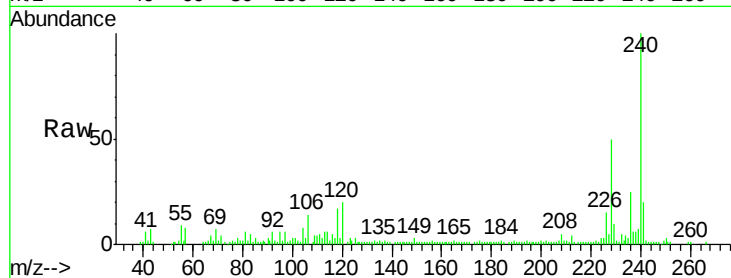
Tgt Ion:228 Resp: 44993

Ion Ratio Lower Upper

228 100

226 29.2 21.3 31.9

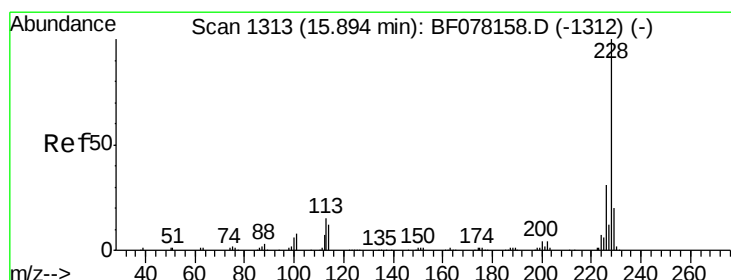
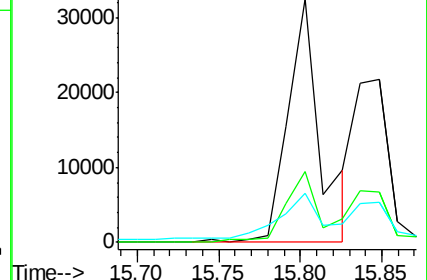
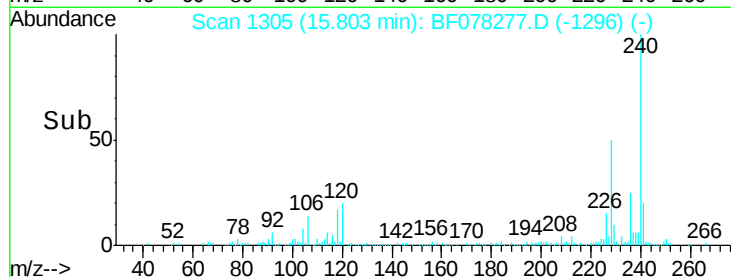
229 20.3 15.4 23.2



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: 4.67 ng

RT: 15.80 min Scan# 1305

Delta R.T. -0.05 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

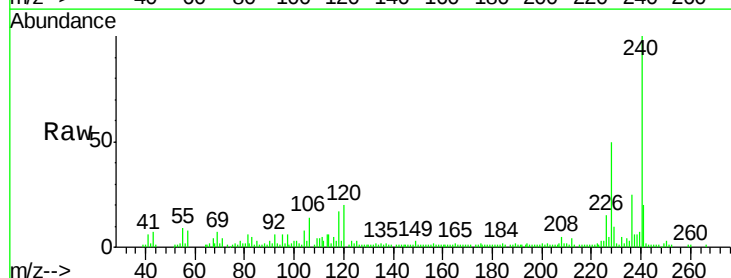
Tgt Ion:228 Resp: 43279

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

229 20.3 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

