

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078282.D
 Acq On : 7 Apr 2015 4:38
 Operator : TP/IZ
 Sample : G1775-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-014

Quant Time: Apr 07 04:20:56 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

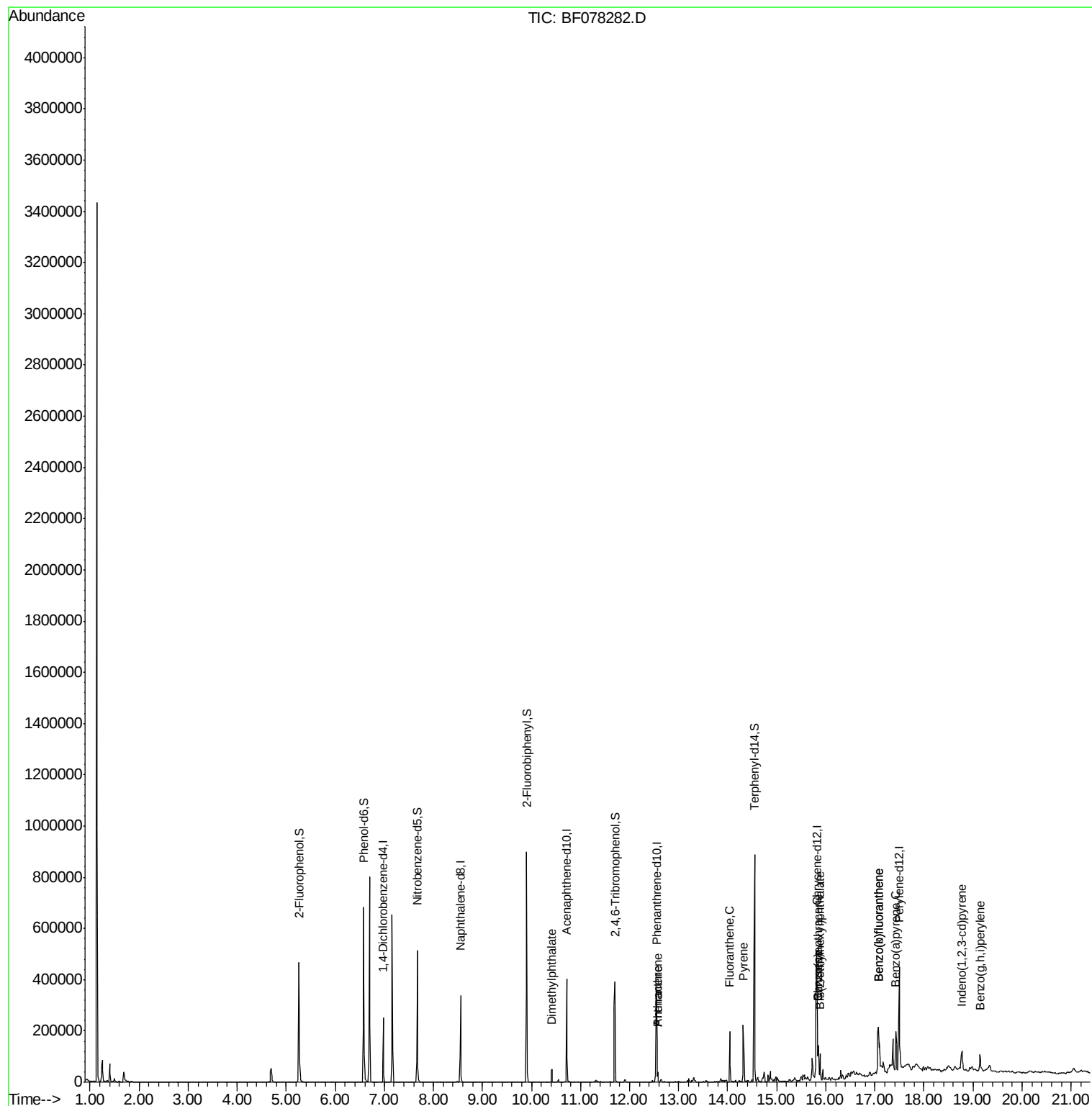
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	40793	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	165897	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	84050	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	159790	20.00	ng	0.00
75) Chrysene-d12	15.81	240	174499	20.00	ng	0.00
86) Perylene-d12	17.49	264	173338	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	212579	85.92	ng	0.01
7) Phenol-d6	6.58	99	275955	89.00	ng	0.00
23) Nitrobenzene-d5	7.68	82	162918	59.52	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	62263	89.32	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	322452	54.84	ng	0.00
78) Terphenyl-d14	14.55	244	361842	46.86	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.42	163	34230	5.42	ng	# 98
70) Phenanthrene	12.58	178	19530	2.11	ng	99
71) Anthracene	12.58	178	19535	2.14	ng	98
74) Fluoranthene	14.04	202	93559	9.60	ng	96
77) Pyrene	14.32	202	108243	9.88	ng	# 94
80) Benzo(a)anthracene	15.85	228	46511	4.48	ng	97
82) Chrysene	15.85	228	61689	6.32	ng	97
83) Bis(2-ethylhexyl)phthalate	15.88	149	30104	4.60	ng	# 98
85) Indeno(1,2,3-cd)pyrene	18.77	276	47402	4.28	ng	# 85
87) Benzo(b)fluoranthene	17.07	252	139472	13.02	ng	# 97
88) Benzo(k)fluoranthene	17.07	252	142488	14.97	ng	97
89) Benzo(a)pyrene	17.43	252	77546	8.29	ng	# 90
91) Benzo(g,h,i)perylene	19.14	276	46132	4.92	ng	92

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

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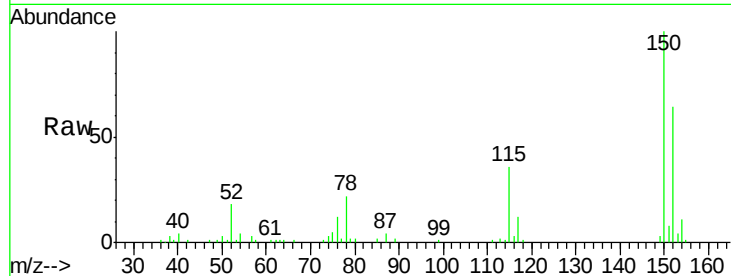




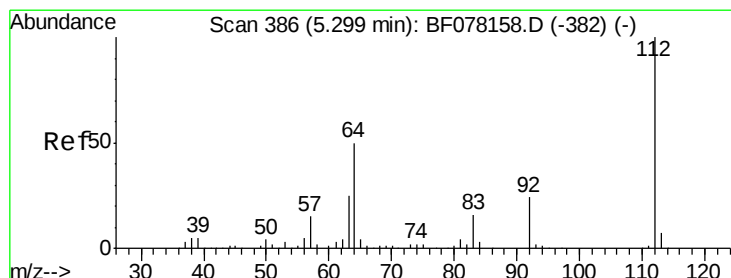
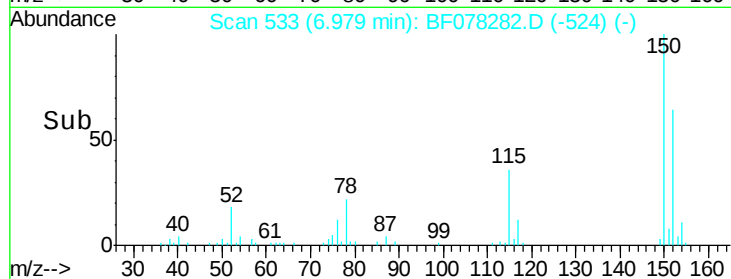
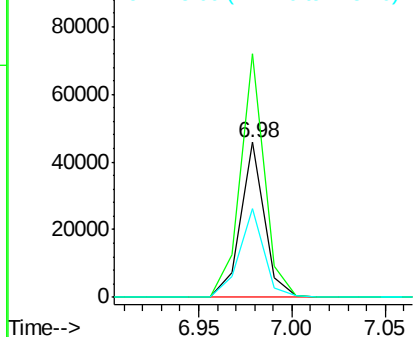
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

Instrument :
 BNA_F
 ClientSampleId :
 SW-014

Tgt Ion:152 Resp: 40793
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.9 188.9
 115 57.3 52.7 79.1

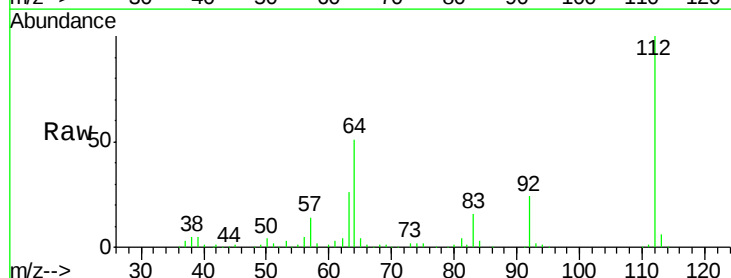


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

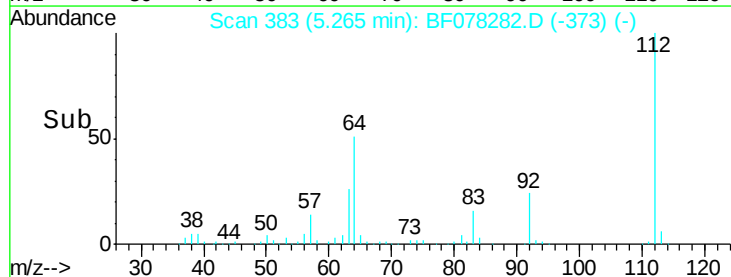
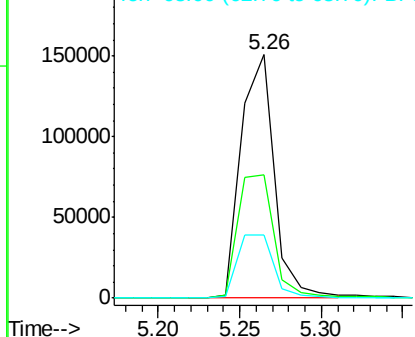


#5
 2-Fluorophenol
 Concen: 85.92 ng
 RT: 5.26 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

Tgt Ion:112 Resp: 212579
 Ion Ratio Lower Upper
 112 100
 64 50.8 39.9 59.9
 63 25.8 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: 89.00 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

SW-014

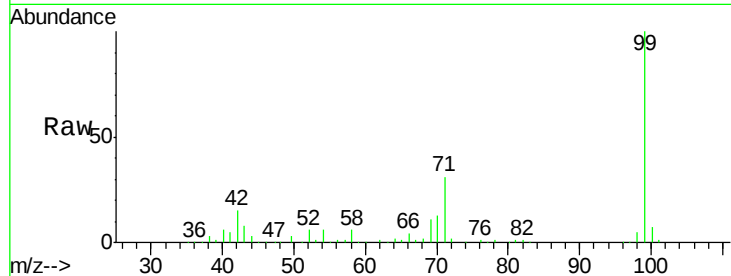
Tgt Ion: 99 Resp: 275955

Ion Ratio Lower Upper

99 100

42 15.0 14.8 22.2

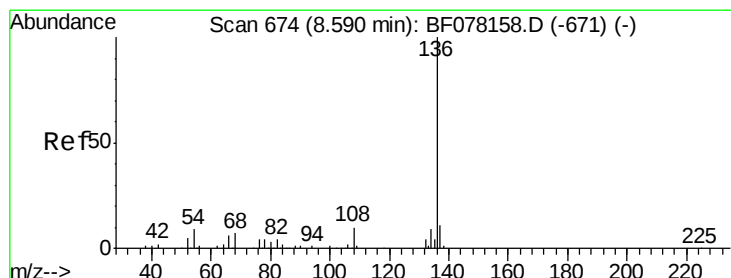
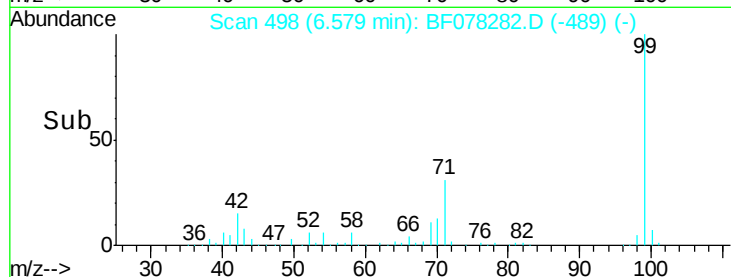
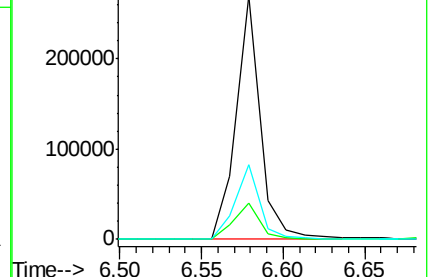
71 30.6 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Tgt Ion: 136 Resp: 165897

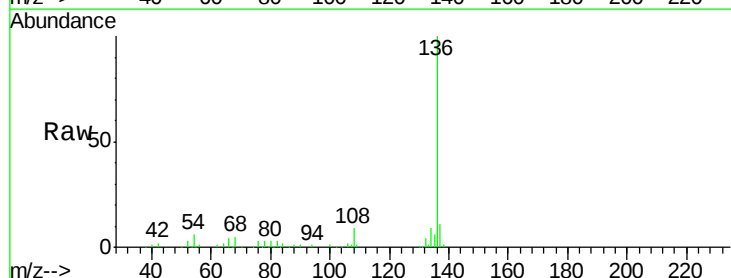
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.4 7.0 10.6#

68 5.1 5.4 8.2#

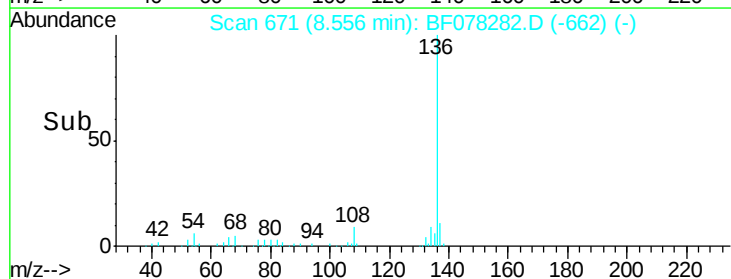
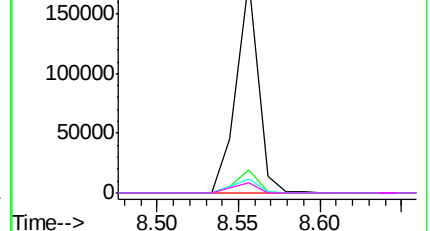


Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

Ion 137.00 (136.70 to 137.70): BF078158.D (-671) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078158.D (-671) (-)

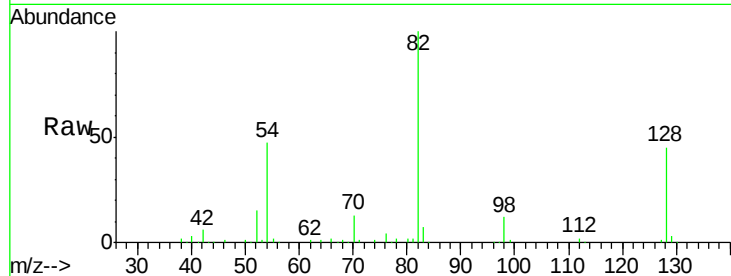




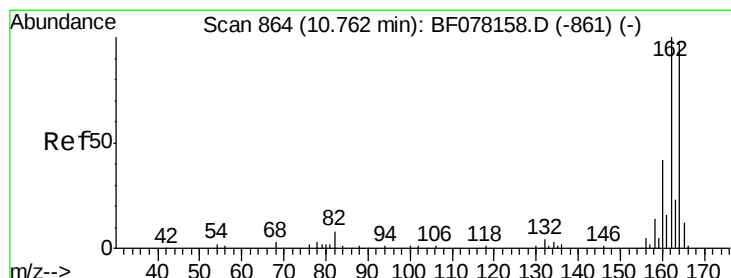
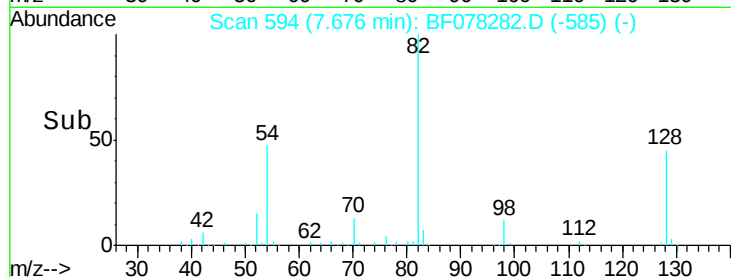
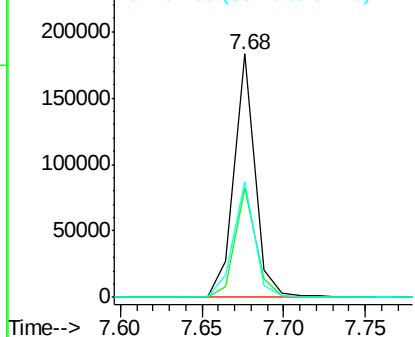
#23
 Nitrobenzene-d5
 Concen: 59.52 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

Instrument :
 BNA_F
 ClientSampleID :
 SW-014

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	31.8	47.8
54	47.3	41.5	62.3

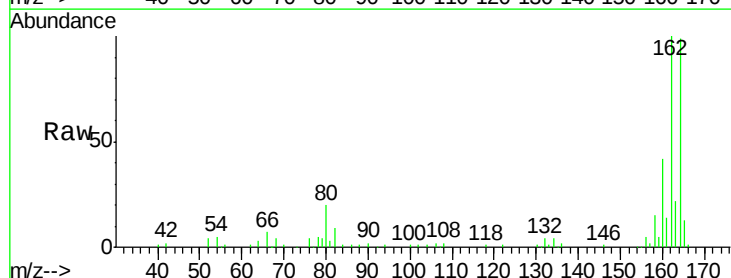


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

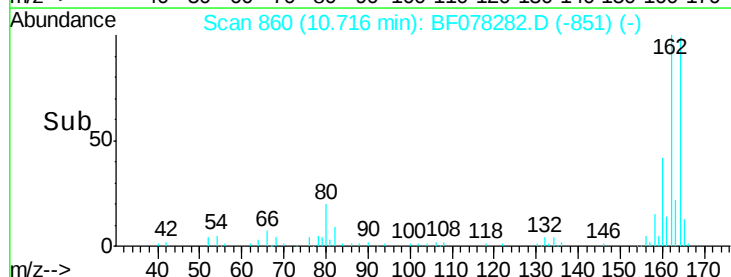
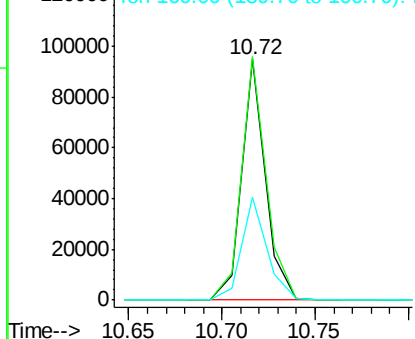


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.2	123.2
160	42.8	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

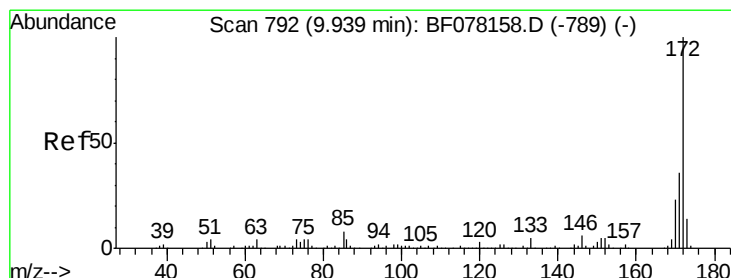
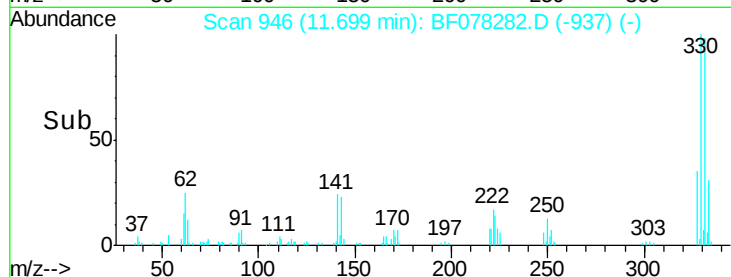
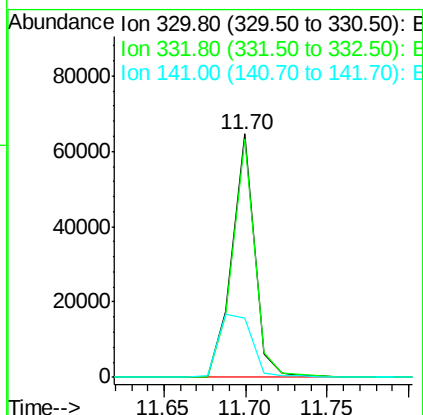
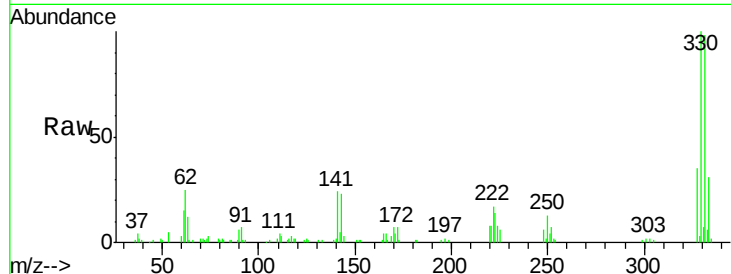




#41
 2,4,6-Tribromophenol
 Concen: 89.32 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

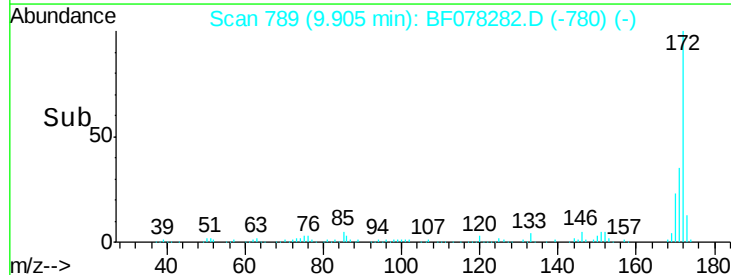
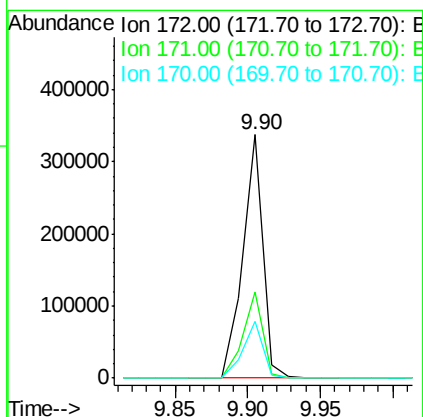
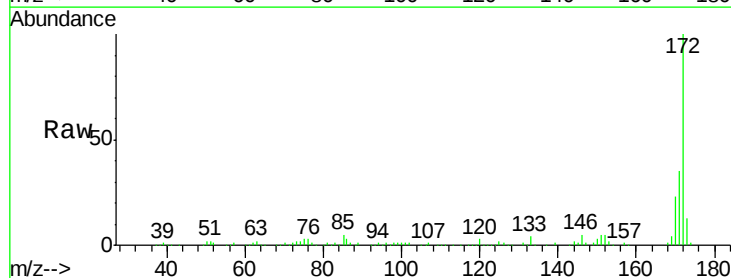
Instrument :
 BNA_F
 ClientSampleId :
 SW-014

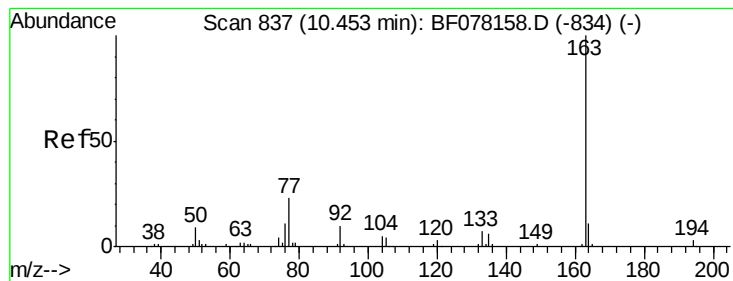
Tgt Ion:330 Resp: 62263
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.6 117.8
 141 38.7 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 54.84 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

Tgt Ion:172 Resp: 322452
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.1 18.5 27.7





#49

Dimethylphthalate

Concen: 5.42 ng

RT: 10.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

SW-014

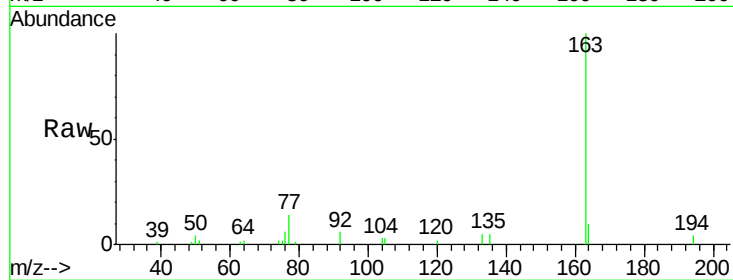
Tgt Ion:163 Resp: 34230

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

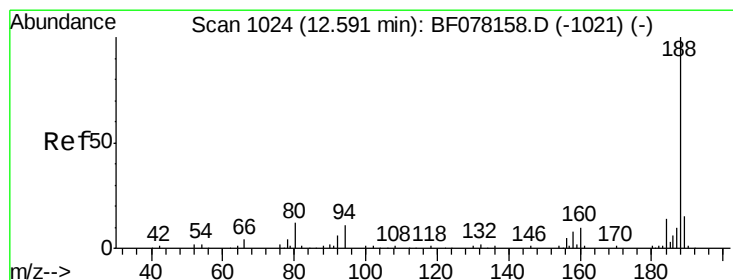
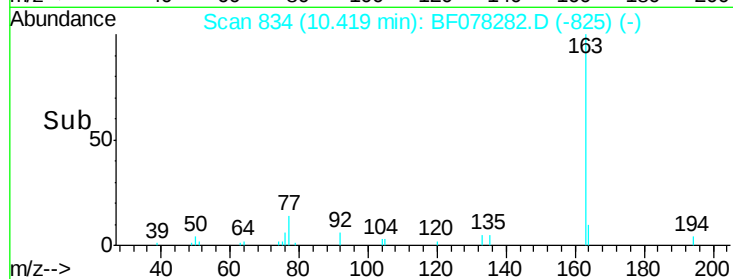
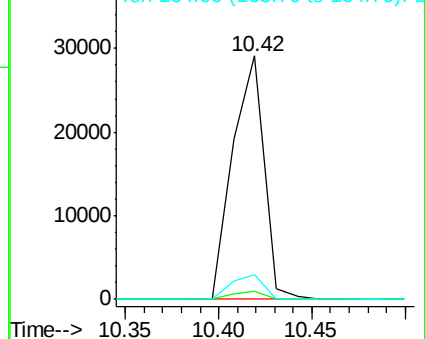
164 9.9 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

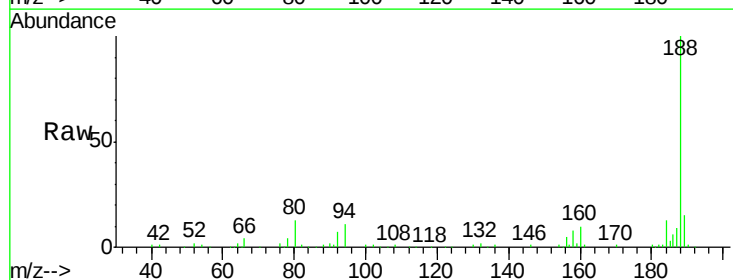
Tgt Ion:188 Resp: 159790

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

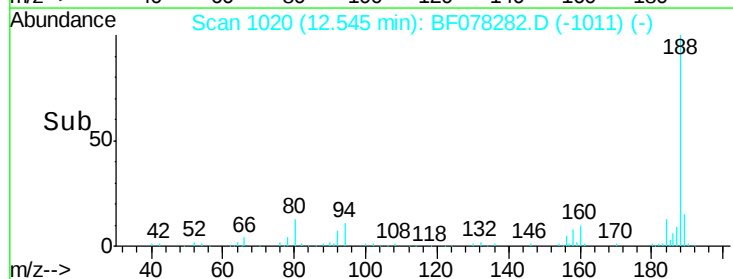
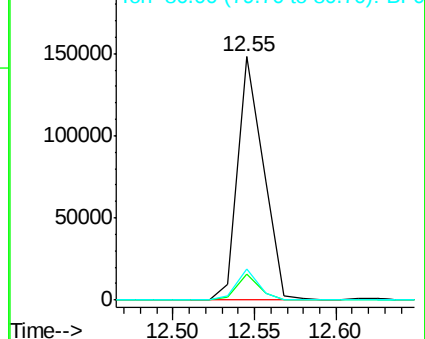
80 12.7 9.5 14.3

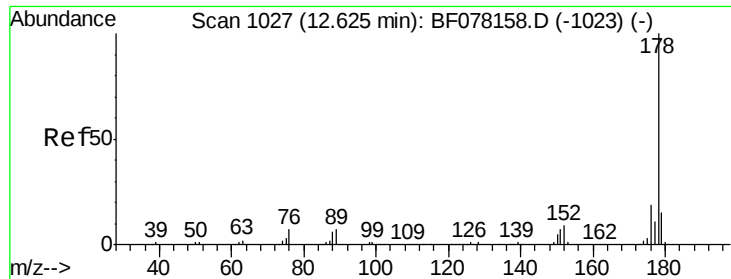


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

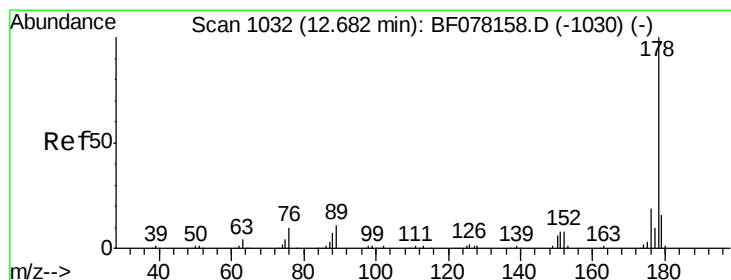
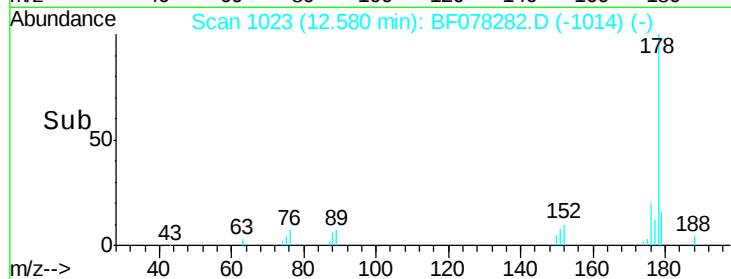
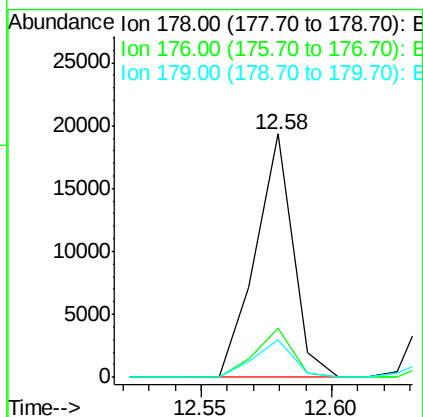
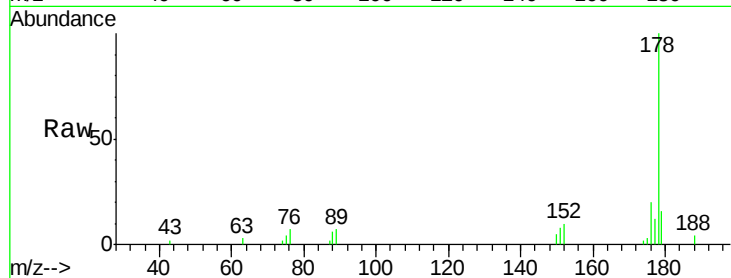




#70
Phenanthrene
Concen: 2.11 ng
RT: 12.58 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

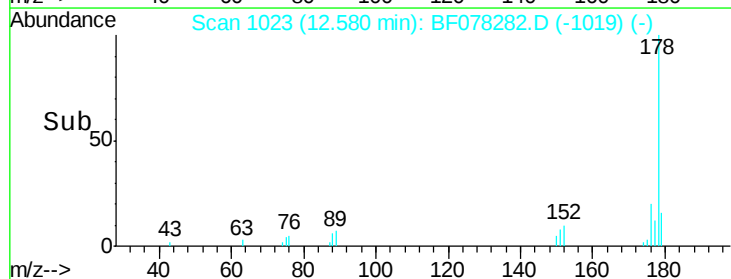
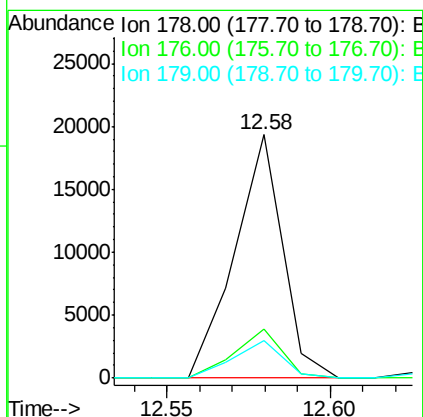
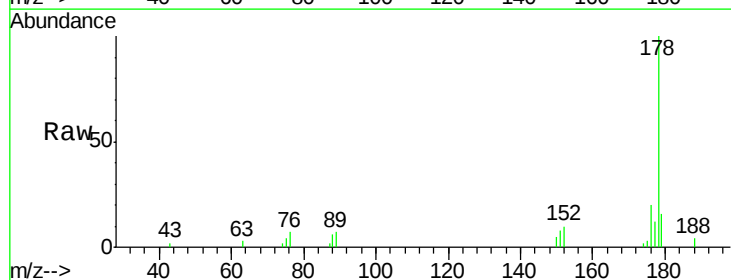
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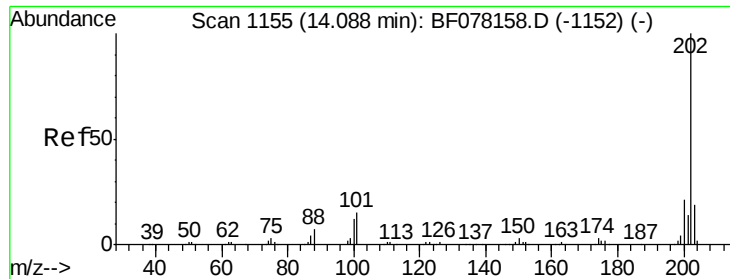
Tgt Ion:178 Resp: 19530
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 15.6 12.2 18.2



#71
Anthracene
Concen: 2.14 ng
RT: 12.58 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Tgt Ion:178 Resp: 19535
Ion Ratio Lower Upper
178 100
176 19.9 14.8 22.2
179 15.6 12.4 18.6

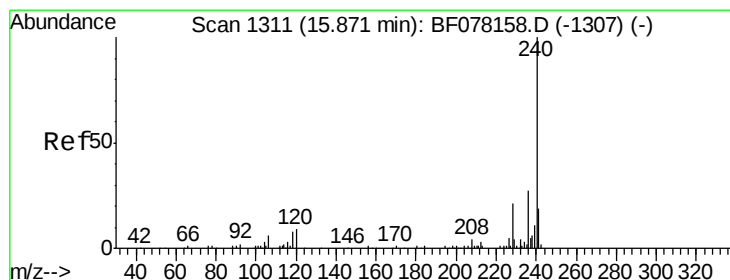
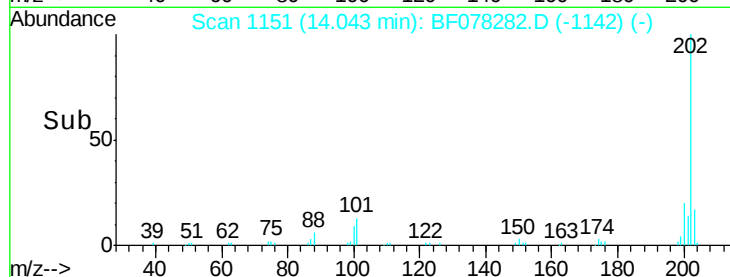
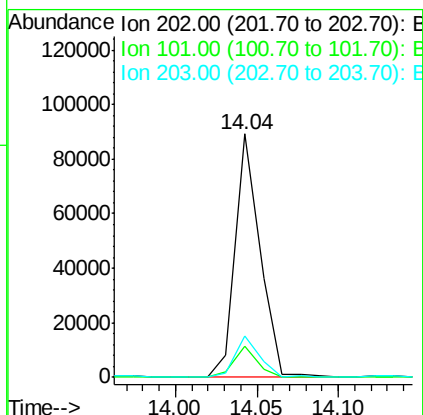
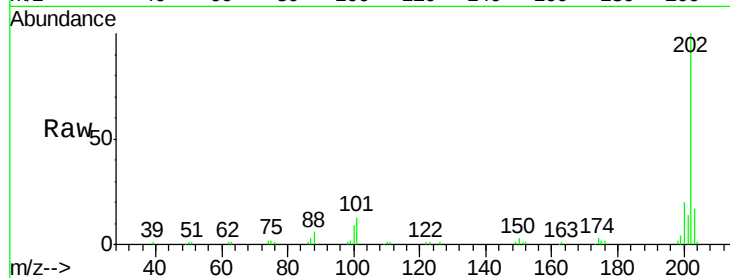




#74
 Fluoranthene
 Concen: 9.60 ng
 RT: 14.04 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

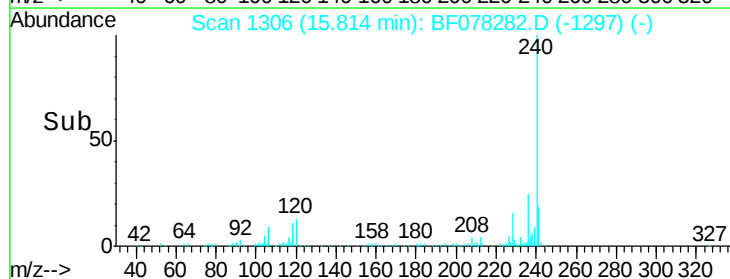
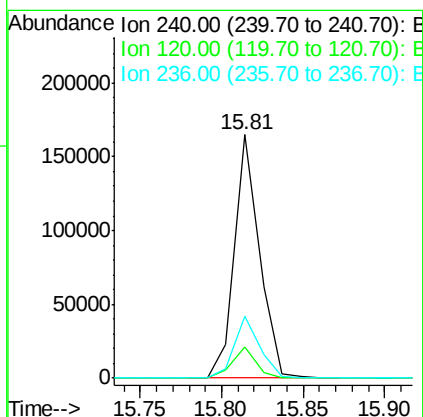
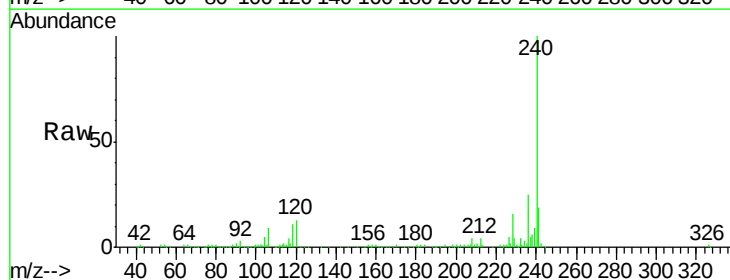
Instrument :
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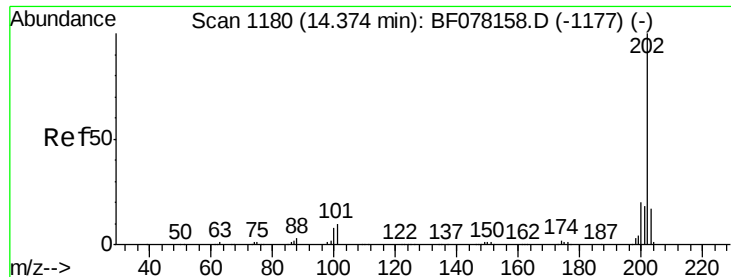
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	35.2
203	17.1	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.81 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	7.1	10.7#
236	25.3	21.4	32.2





#77

Pyrene

Concen: 9.88 ng

RT: 14.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

SW-014

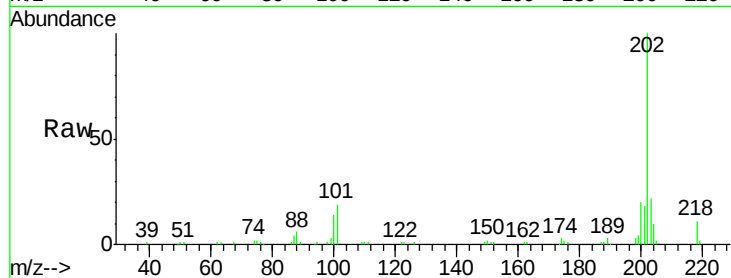
Tgt Ion: 202 Resp: 108243

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

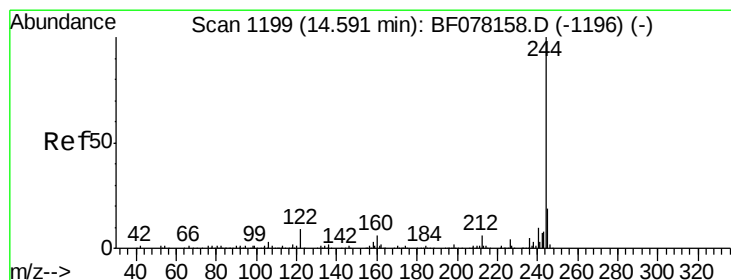
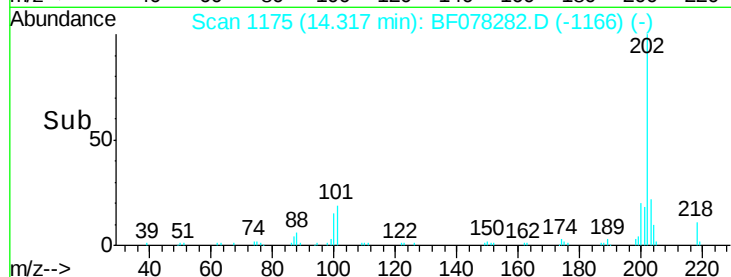
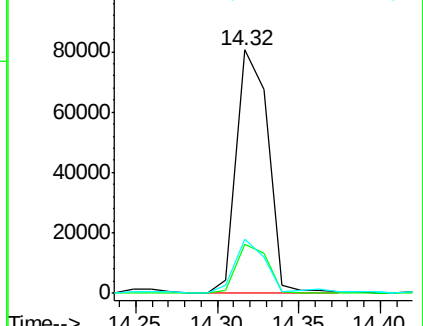
203 22.4 13.8 20.6#



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: 46.86 ng

RT: 14.55 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

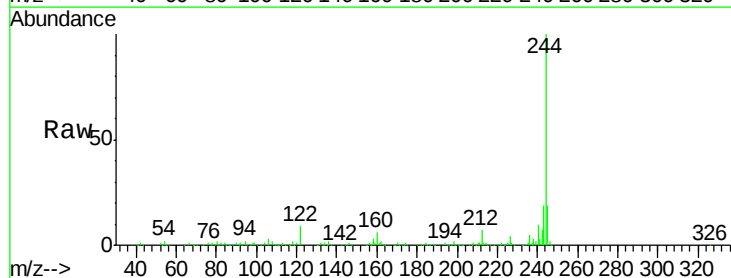
Tgt Ion: 244 Resp: 361842

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 9.5 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

