

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078281.D
 Acq On : 7 Apr 2015 4:09
 Operator : TP/IZ
 Sample : G1760-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-065-40115

Quant Time: Apr 07 04:20:37 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

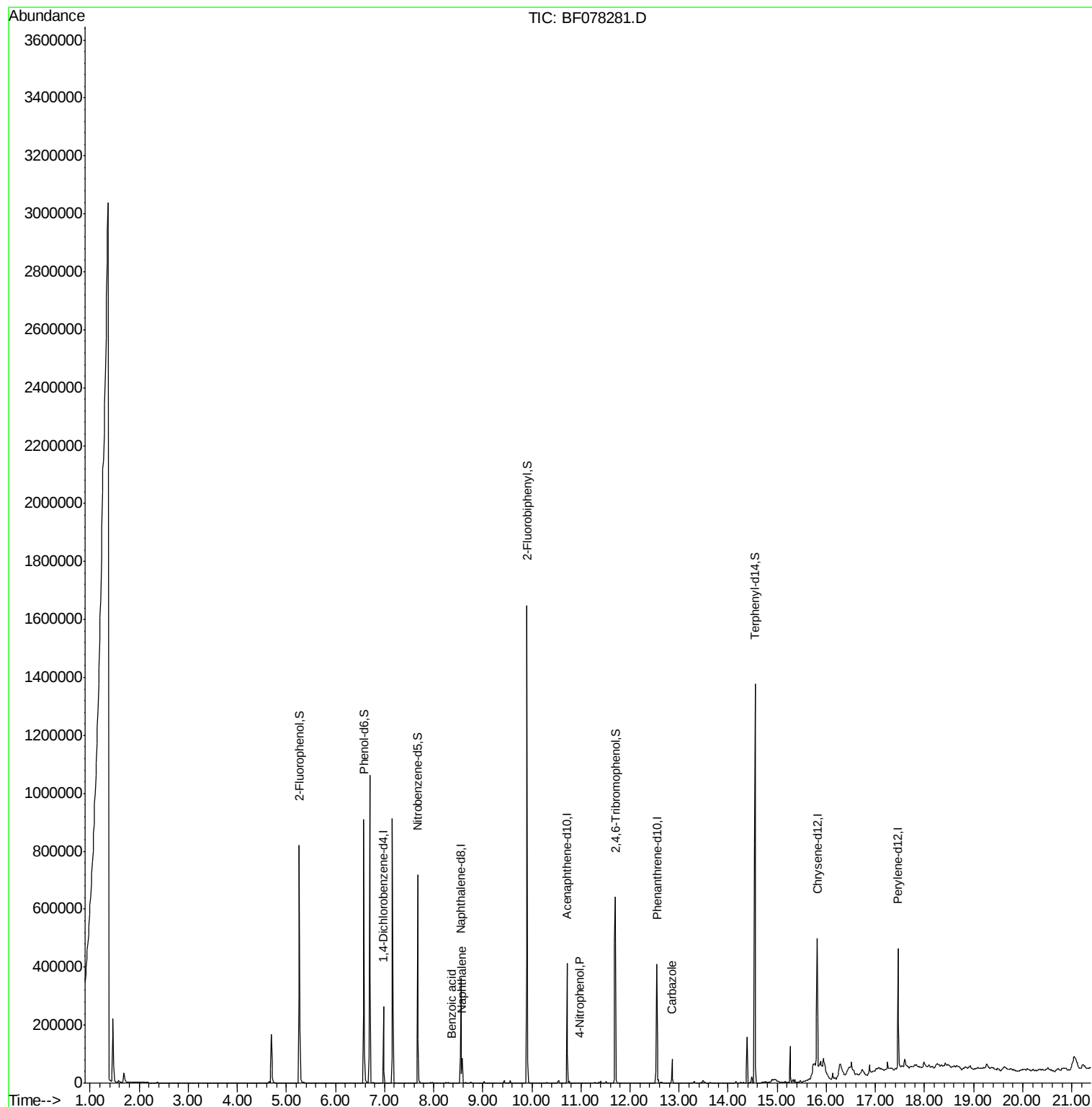
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	42348	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	168332	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	84182	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	164171	20.00	ng	0.00
75) Chrysene-d12	15.81	240	177502	20.00	ng	0.00
86) Perylene-d12	17.46	264	173479	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	279976	109.01	ng	0.01
7) Phenol-d6	6.58	99	336414	104.51	ng	0.00
23) Nitrobenzene-d5	7.68	82	233542	84.09	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	101804	145.81	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	529322	89.88	ng	0.00
78) Terphenyl-d14	14.55	244	561989	71.54	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.58	128	39988	4.56	ng	99
32) Benzoic acid	8.36	122	305	6.01	ng	# 1
55) 4-Nitrophenol	10.97	139	459	3.17	ng	# 18
72) Carbazole	12.85	167	38641	4.41	ng	99

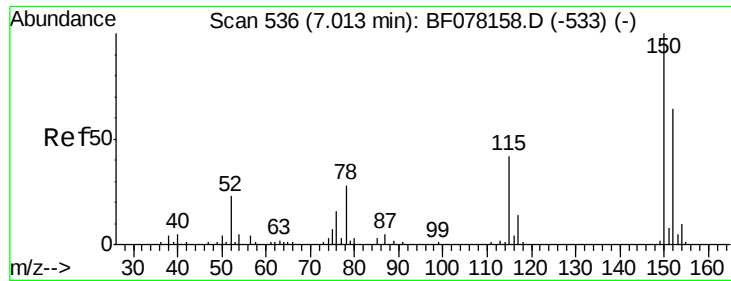
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078281.D

Acq: 7 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

DCW-WC-065-40115

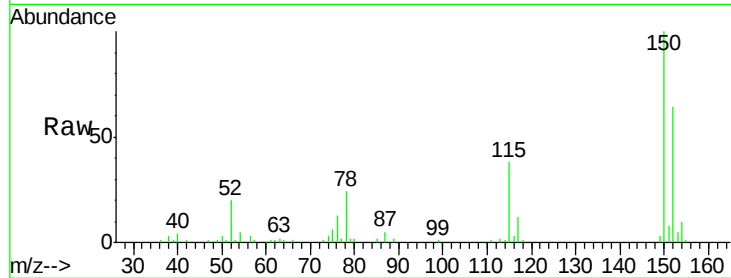
Tgt Ion:152 Resp: 42348

Ion Ratio Lower Upper

152 100

150 155.5 125.9 188.9

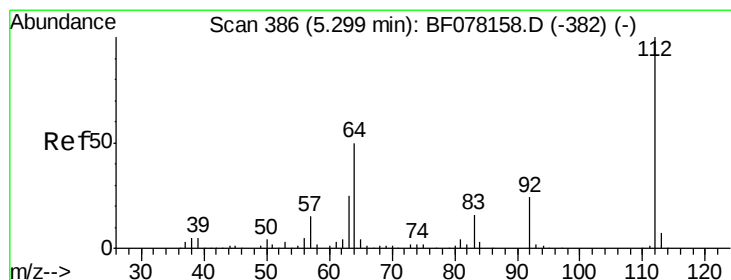
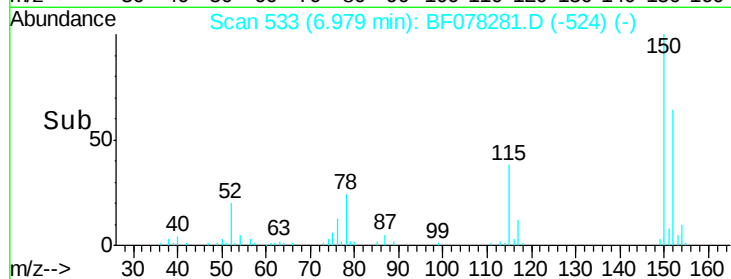
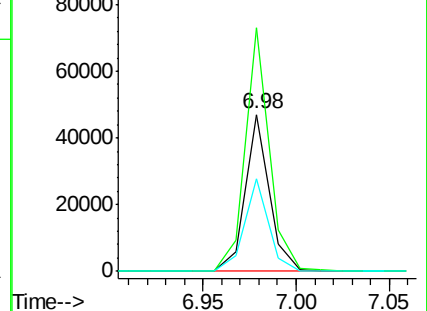
115 59.5 52.7 79.1



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: 109.01 ng

RT: 5.26 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

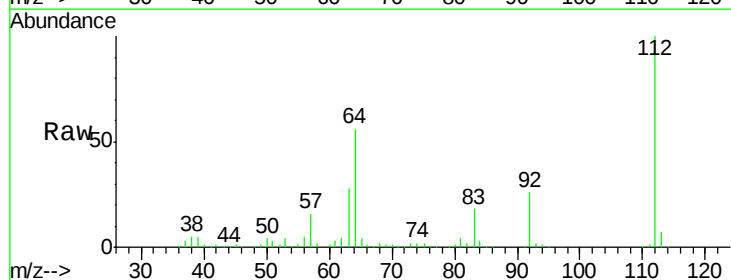
Tgt Ion:112 Resp: 279976

Ion Ratio Lower Upper

112 100

64 55.7 39.9 59.9

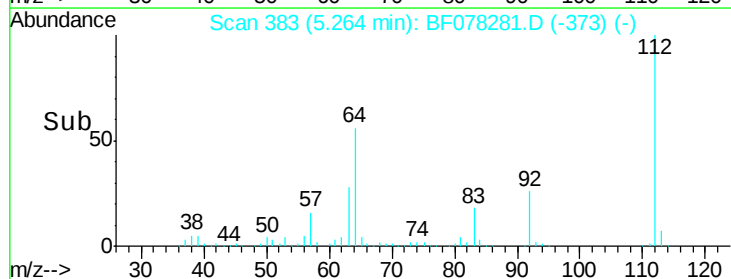
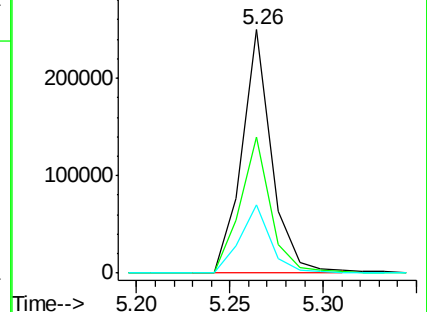
63 28.1 20.2 30.4

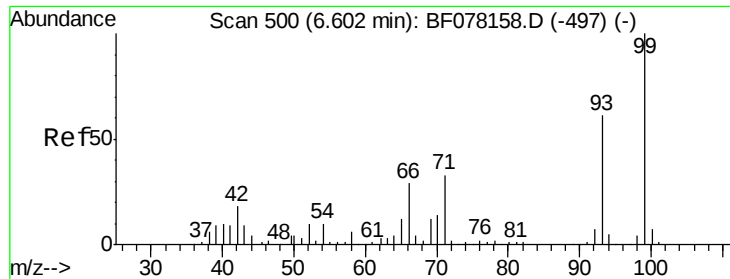


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.51 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

DCW-WC-065-40115

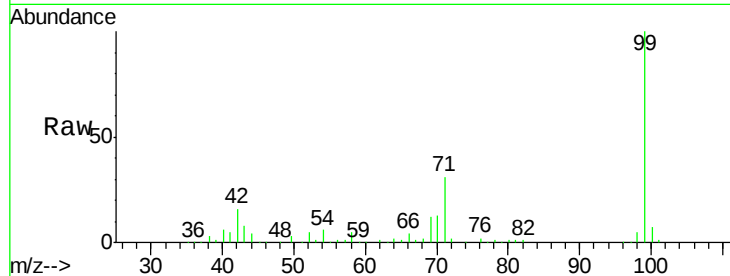
Tgt Ion: 99 Resp: 336414

Ion Ratio Lower Upper

99 100

42 16.0 14.8 22.2

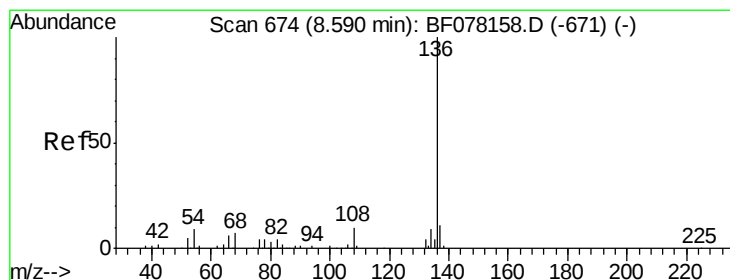
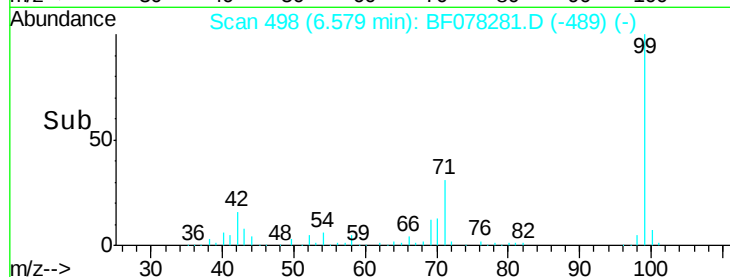
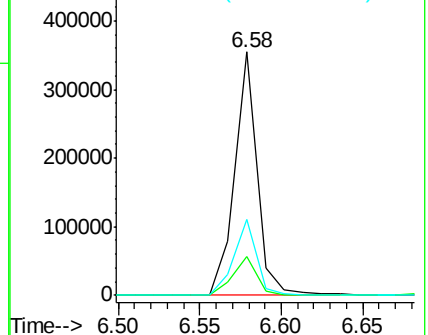
71 31.0 26.6 39.8



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: BF078281.D

Acq: 7 Apr 2015 4:09

Tgt Ion: 136 Resp: 168332

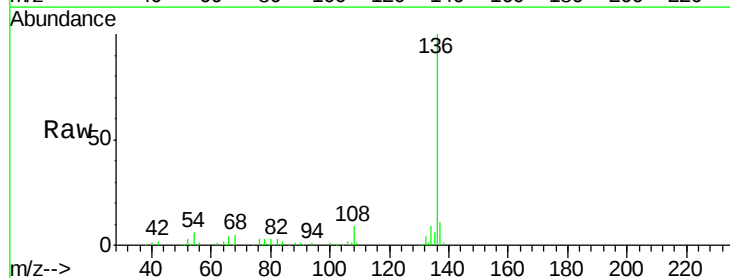
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.3 7.0 10.6#

68 5.3 5.4 8.2#

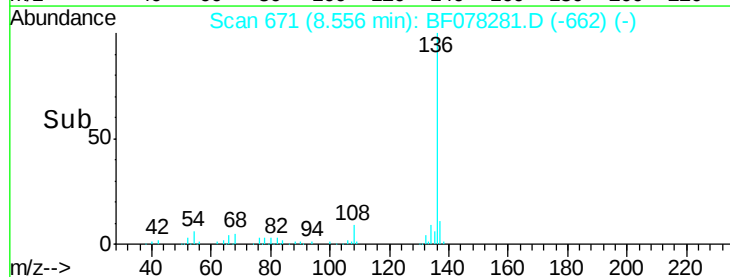
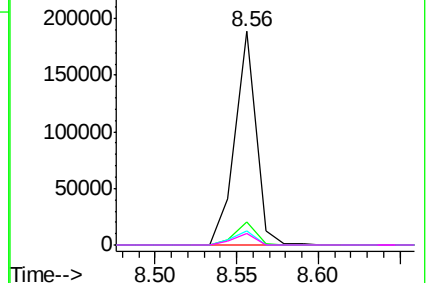


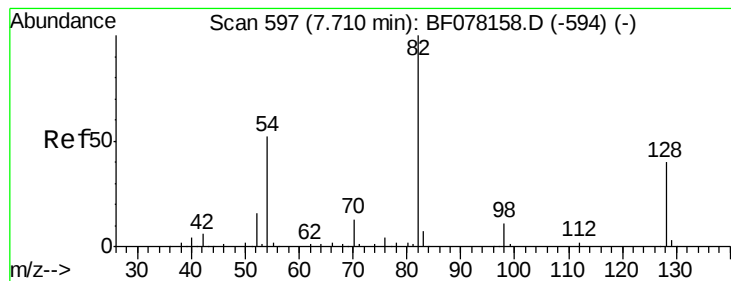
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.09 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

DCW-WC-065-40115

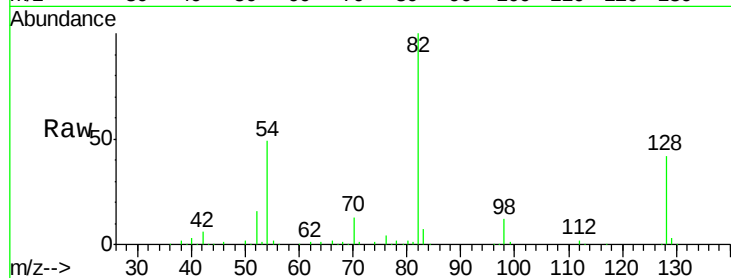
Tgt Ion: 82 Resp: 233542

Ion Ratio Lower Upper

82 100

128 42.5 31.8 47.8

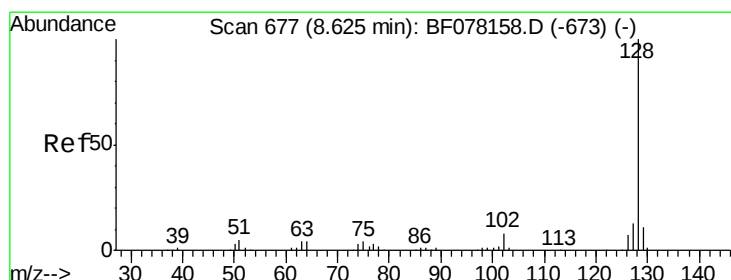
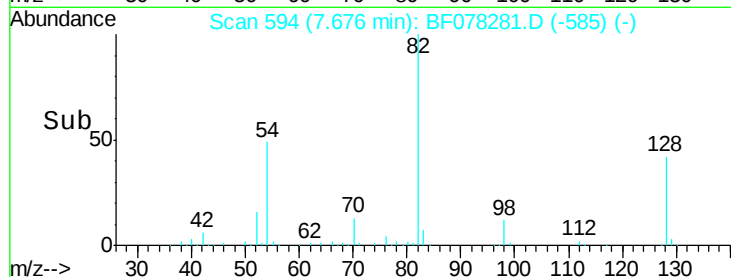
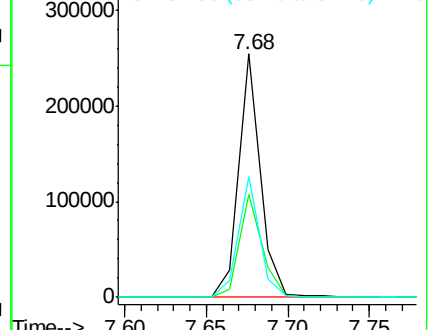
54 49.4 41.5 62.3



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: 4.56 ng

RT: 8.58 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

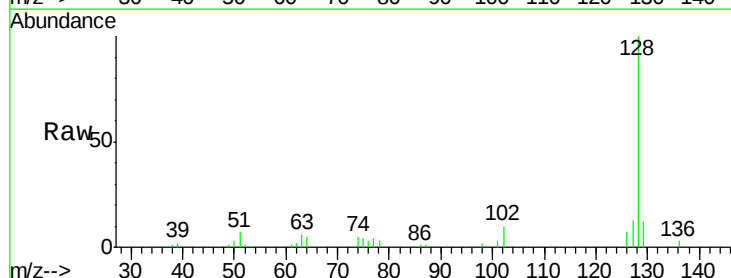
Tgt Ion: 128 Resp: 39988

Ion Ratio Lower Upper

128 100

129 11.6 8.6 12.8

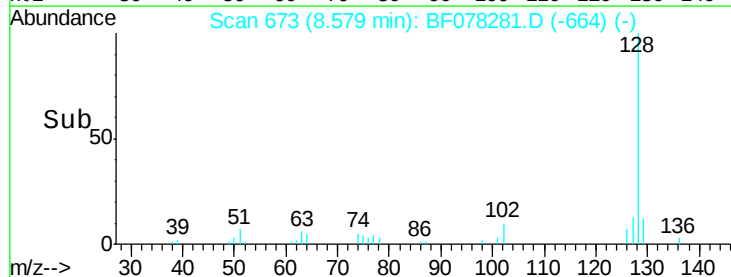
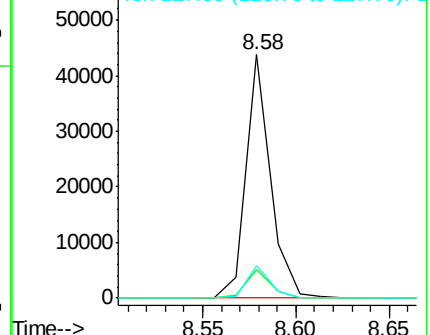
127 13.3 10.7 16.1

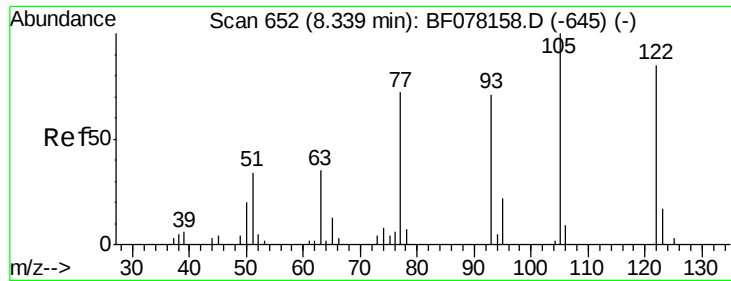


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.01 ng

RT: 8.36 min Scan# 654

Delta R.T. 0.05 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

DCW-WC-065-40115

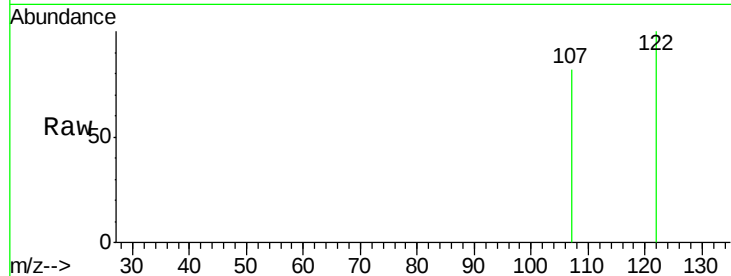
Tgt Ion:122 Resp: 305

Ion Ratio Lower Upper

122 100

105 0.0 96.1 136.1#

77 0.0 64.1 104.1#

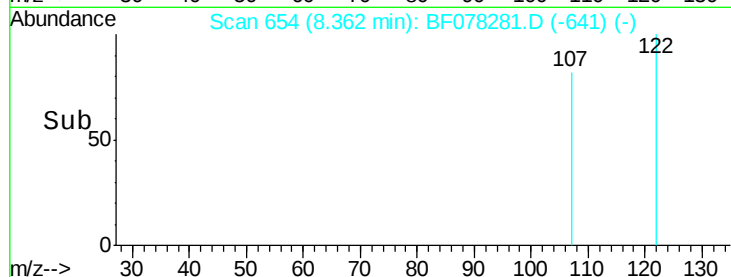


Abundance Ion 122.00 (121.70 to 122.70): E

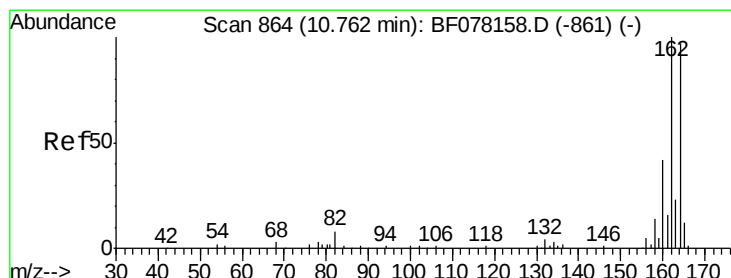
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

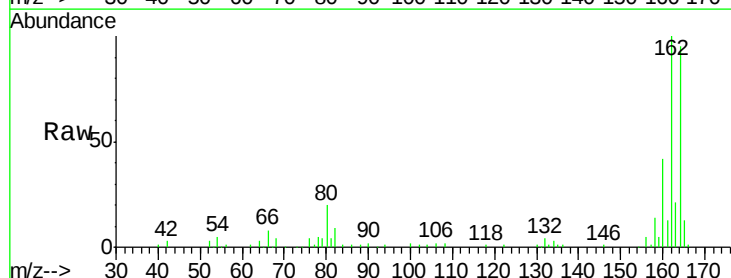
Tgt Ion:164 Resp: 84182

Ion Ratio Lower Upper

164 100

162 105.0 82.2 123.2

160 44.5 34.7 52.1

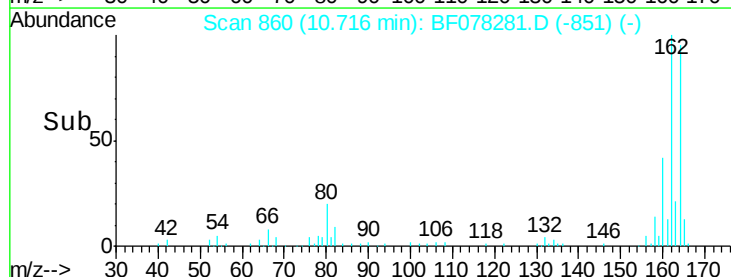


Abundance Ion 164.00 (163.70 to 164.70): E

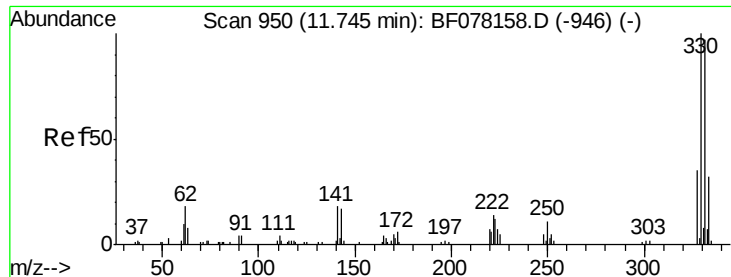
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



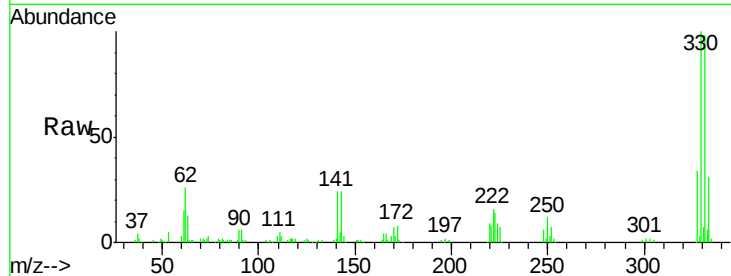
Time-->



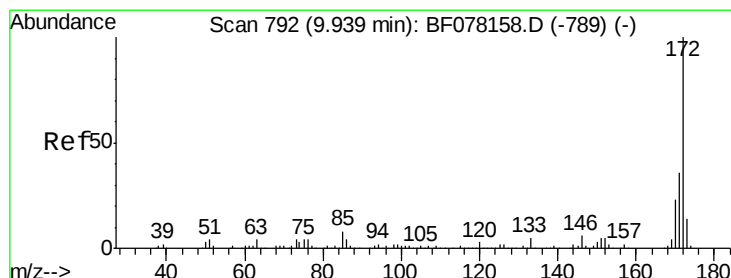
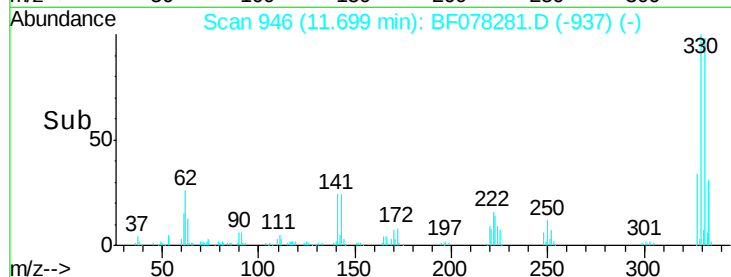
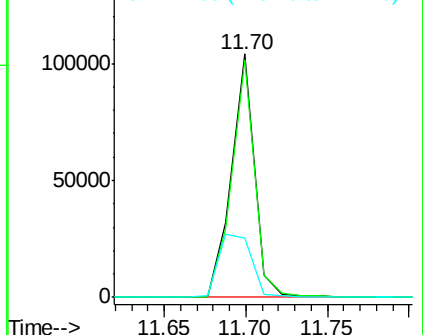
#41
 2,4,6-Tribromophenol
 Concen: 145.81 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078281.D
 Acq: 7 Apr 2015 4:09

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WC-065-40115

Tgt Ion:330 Resp: 101804
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.6 117.8
 141 37.0 31.2 46.8

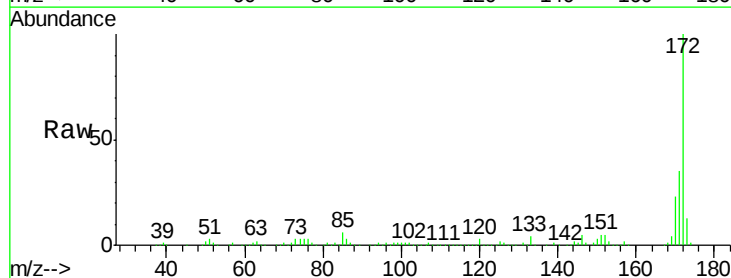


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

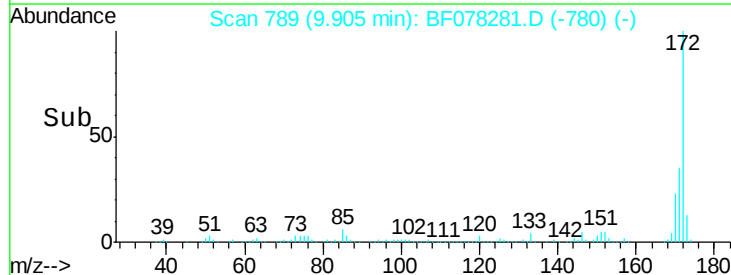
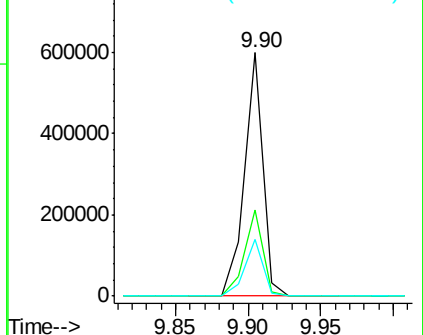


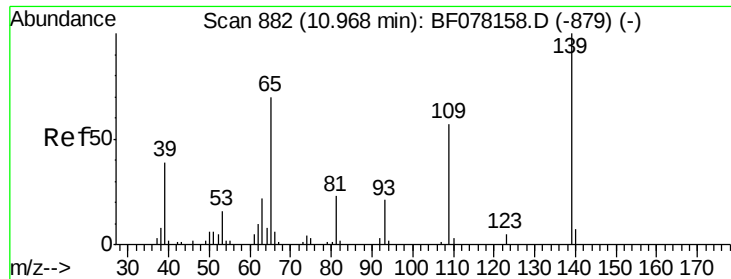
#44
 2-Fluorobiphenyl
 Concen: 89.88 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078281.D
 Acq: 7 Apr 2015 4:09

Tgt Ion:172 Resp: 529322
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.3 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: 3.17 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.03 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

DCW-WC-065-40115

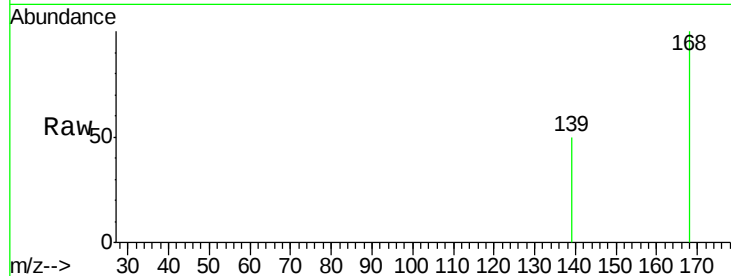
Tgt Ion:139 Resp: 459

Ion Ratio Lower Upper

139 100

109 0.0 36.7 76.7#

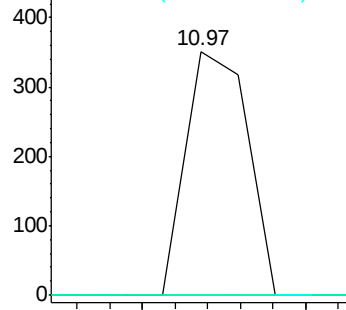
65 0.0 49.9 89.9#



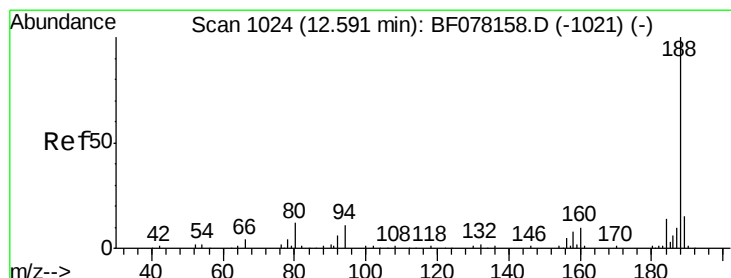
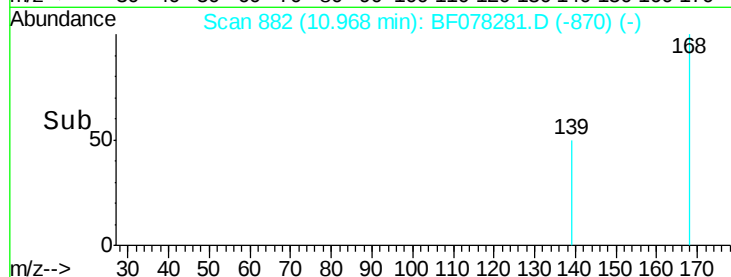
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

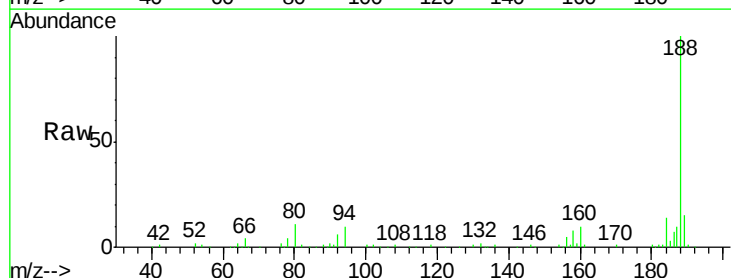
Tgt Ion:188 Resp: 164171

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

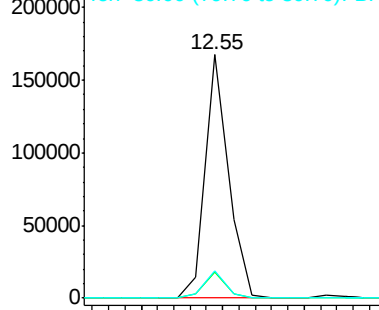
80 11.4 9.5 14.3



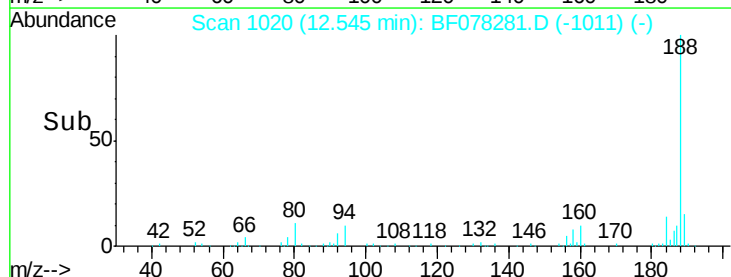
Abundance Ion 188.00 (187.70 to 188.70): E

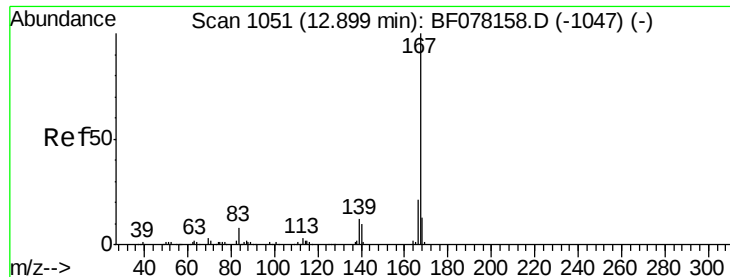
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

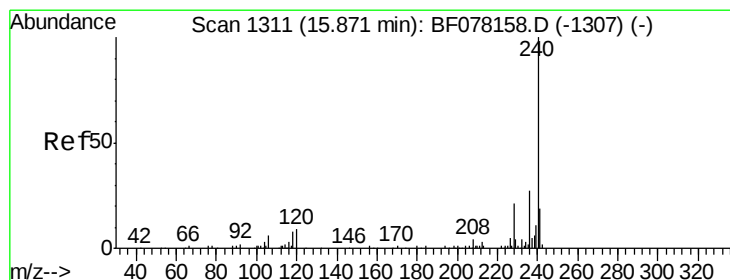
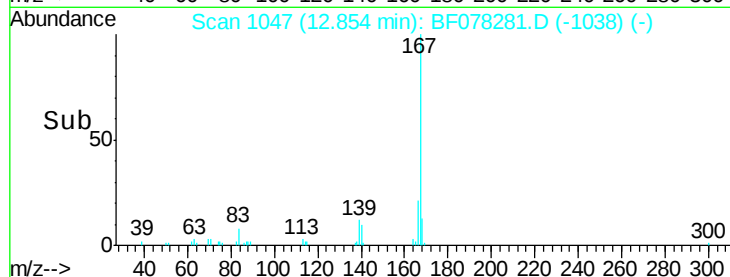
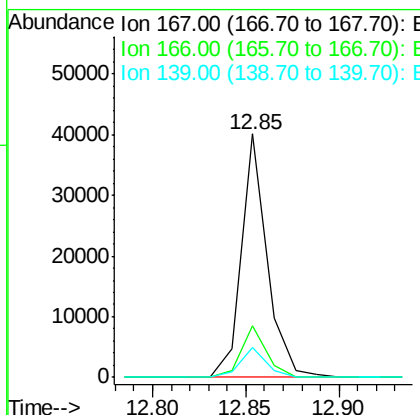
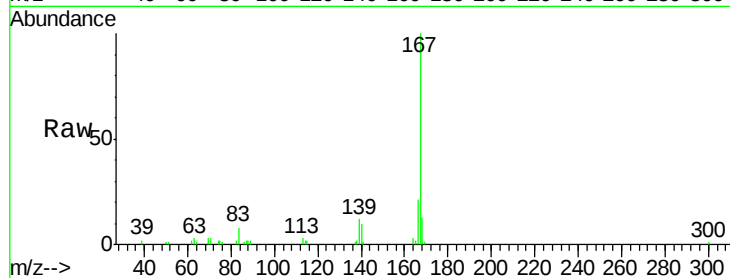




#72
 Carbazole
 Concen: 4.41 ng
 RT: 12.85 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF078281.D
 Acq: 7 Apr 2015 4:09

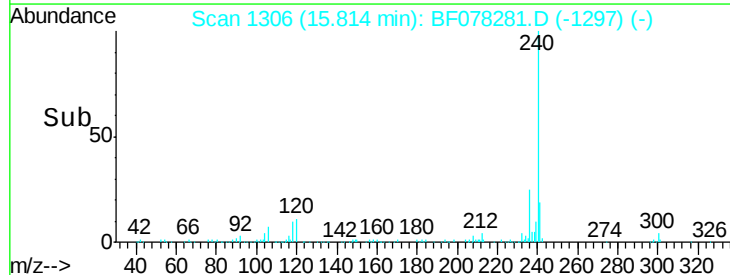
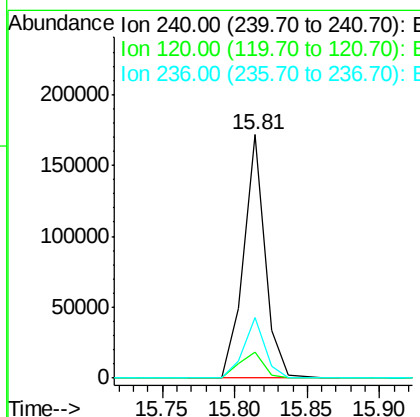
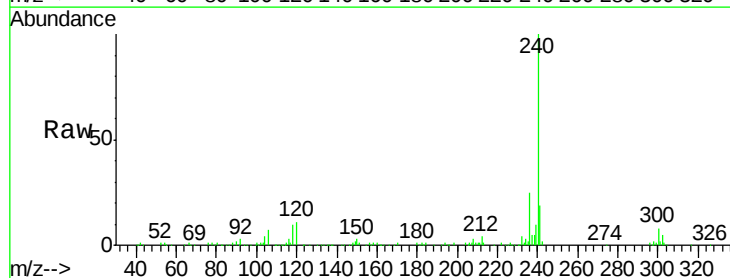
Instrument :
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 DCW-WC-065-40115

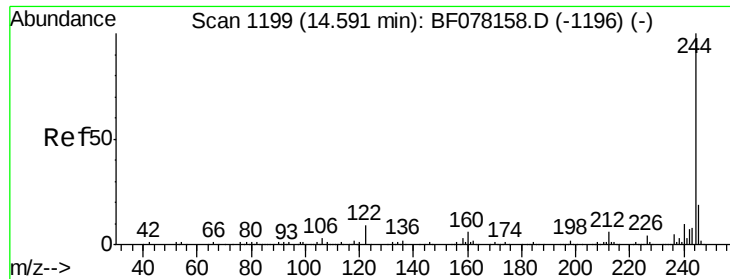
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	12.2	10.0	15.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.81 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF078281.D
 Acq: 7 Apr 2015 4:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.1	10.7#
236	25.0	21.4	32.2





#78

Terphenyl-d14

Concen: 71.54 ng

RT: 14.55 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

DCW-WC-065-40115

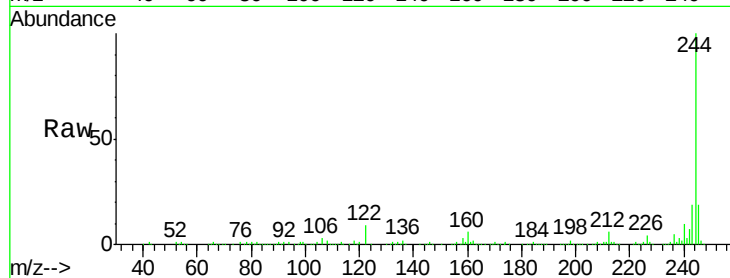
Tgt Ion:244 Resp: 561989

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

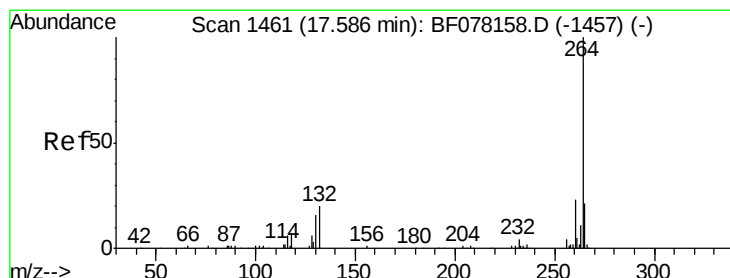
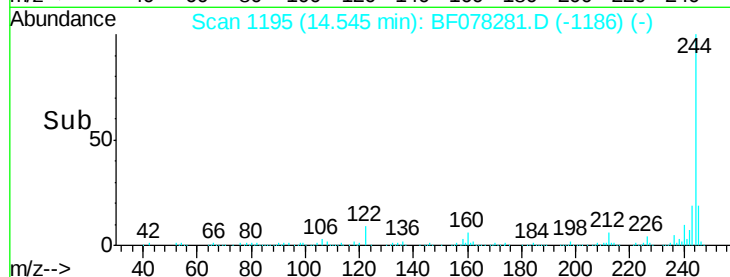
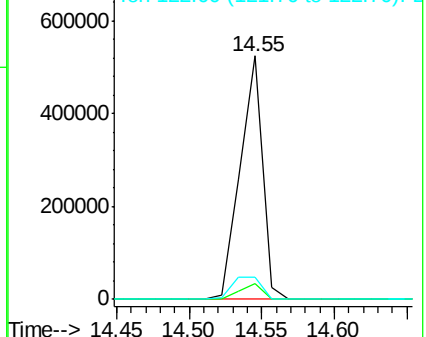
122 9.1 7.1 10.7



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.46 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF078281.D

Acq: 7 Apr 2015 4:09

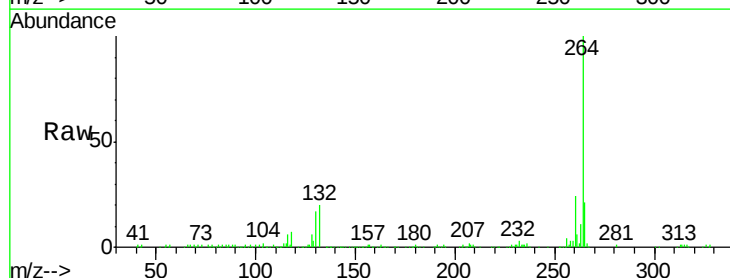
Tgt Ion:264 Resp: 173479

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.0 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

