

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
 Data File : BF078913.D
 Acq On : 4 May 2015 12:37
 Operator : TP/IZ
 Sample : G1999-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Quant Time: May 05 01:20:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

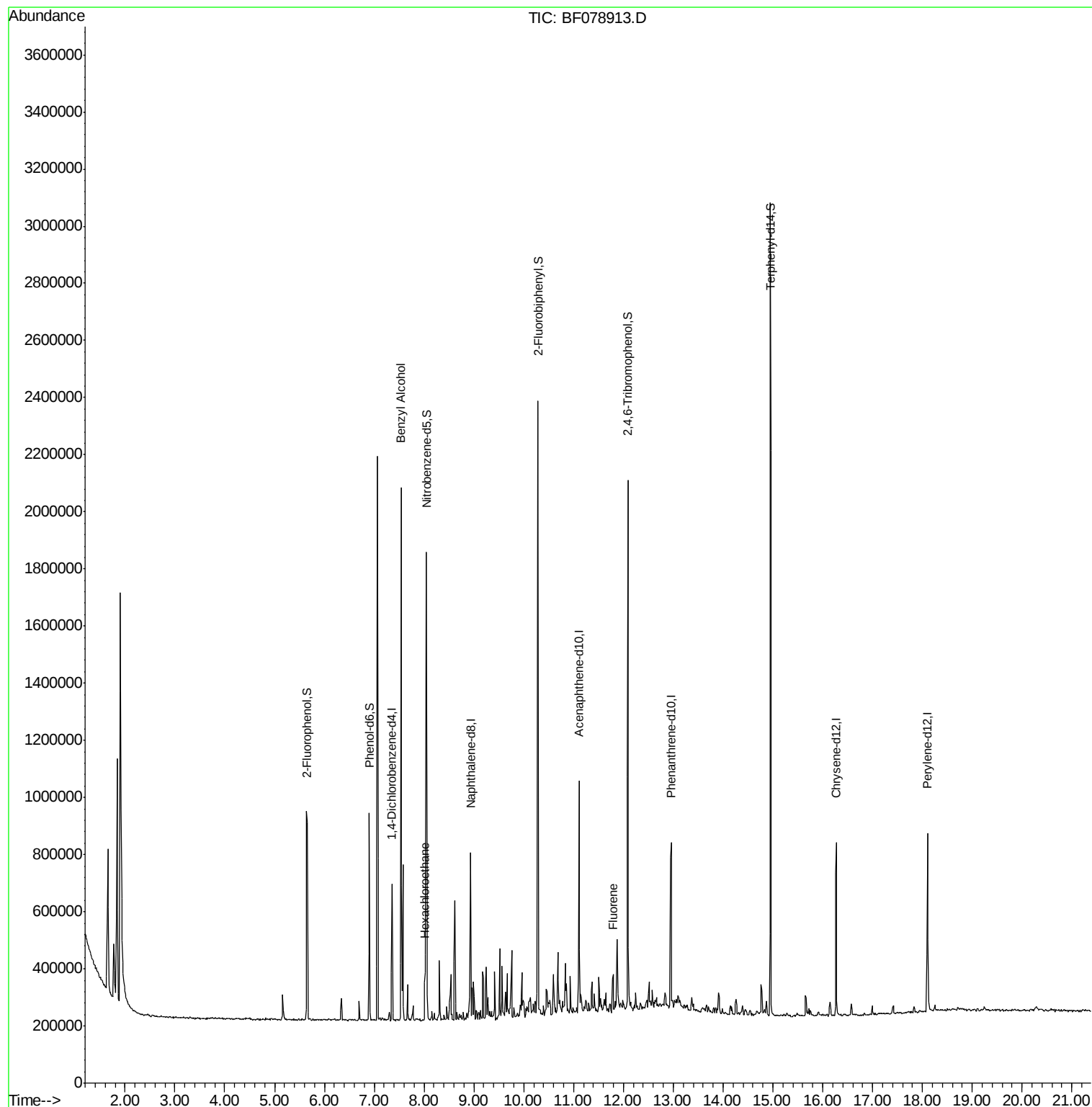
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	76167	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	314140	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	158555	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	311721	20.00	ng	0.00
75) Chrysene-d12	16.27	240	311197	20.00	ng	-0.05
86) Perylene-d12	18.10	264	298628	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	303980	68.70	ng	0.01
7) Phenol-d6	6.90	99	258759	44.24	ng	0.00
23) Nitrobenzene-d5	8.04	82	479141	87.66	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	258942	150.96	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	1028553	90.38	ng	0.00
78) Terphenyl-d14	14.95	244	1240410	95.43	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.54	79	9145	2.11	ng	# 50
18) Hexachloroethane	8.01	117	31370	15.69	ng	# 14
57) Fluorene	11.79	166	31092	2.72	ng	97

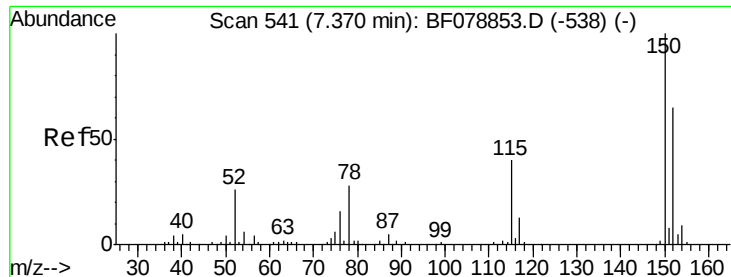
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078913.D

Acq: 4 May 2015 12:37

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

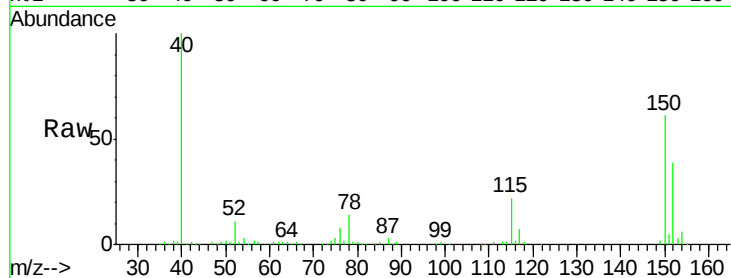
Tgt Ion:152 Resp: 76167

Ion Ratio Lower Upper

152 100

150 157.5 122.0 183.0

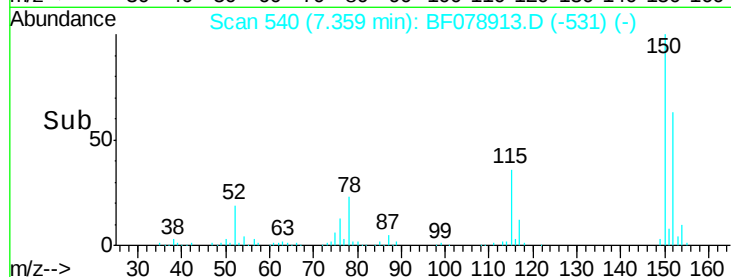
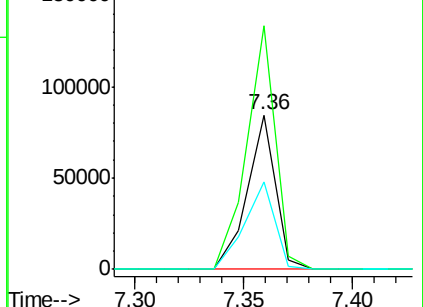
115 56.5 46.3 69.5



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: 68.70 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078913.D

Acq: 4 May 2015 12:37

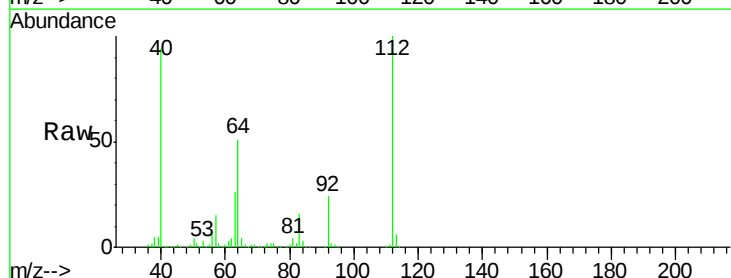
Tgt Ion:112 Resp: 303980

Ion Ratio Lower Upper

112 100

64 50.6 53.5 80.3#

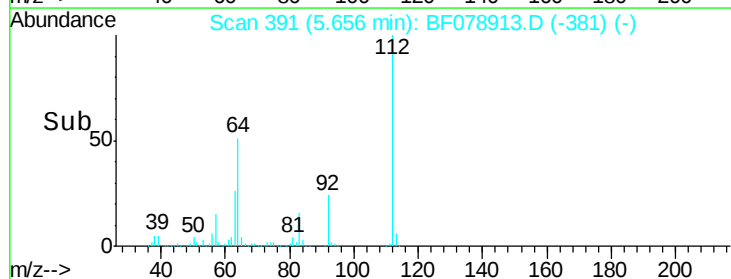
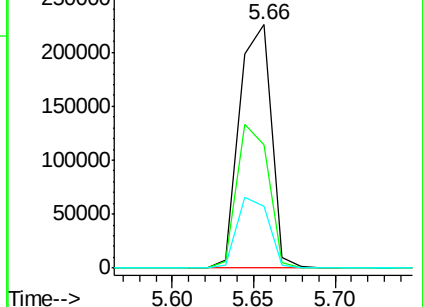
63 25.5 27.5 41.3#



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: 44.24 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078913.D

Acq: 4 May 2015 12:37

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

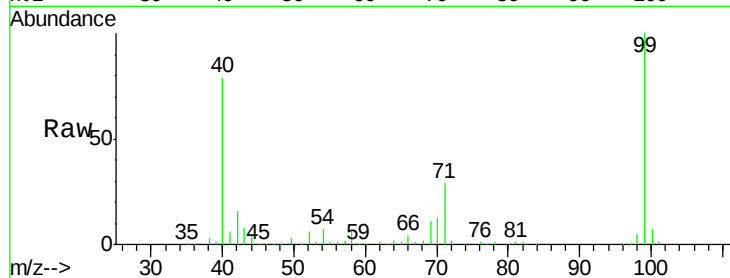
Tgt Ion: 99 Resp: 258759

Ion Ratio Lower Upper

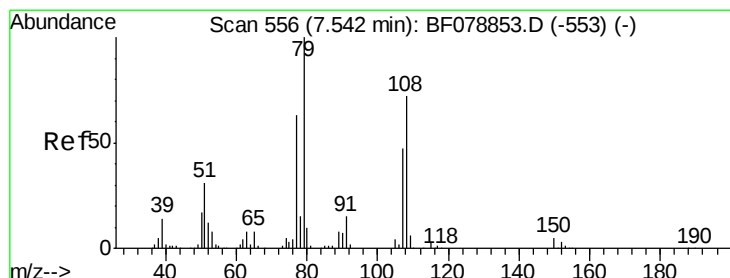
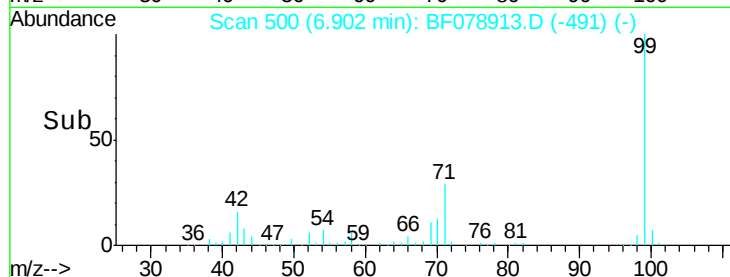
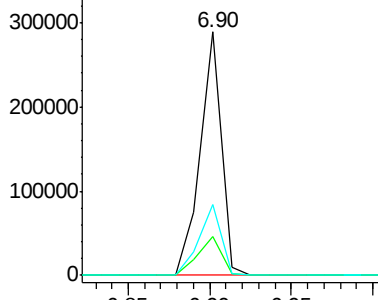
99 100

42 15.7 12.8 19.2

71 29.0 23.4 35.2



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: 2.11 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF078913.D

Acq: 4 May 2015 12:37

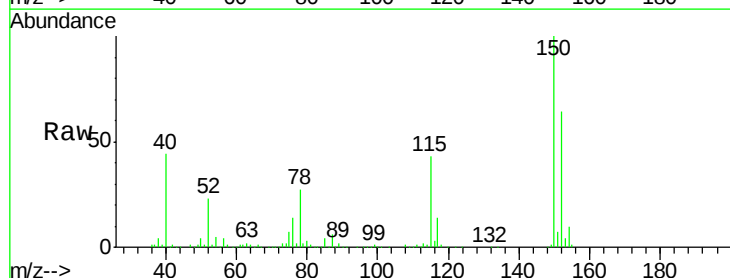
Tgt Ion: 79 Resp: 9145

Ion Ratio Lower Upper

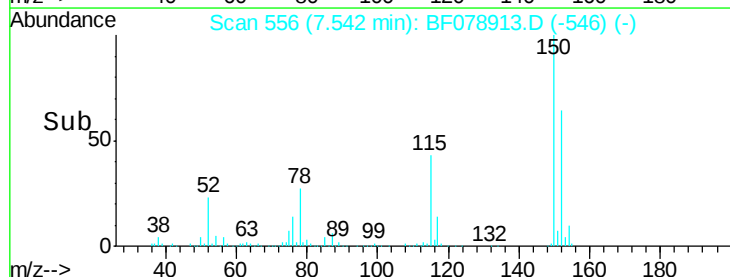
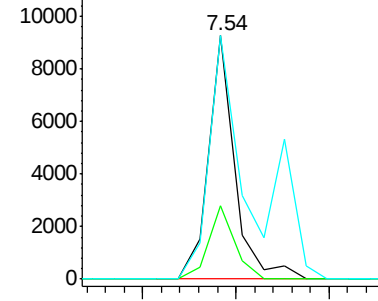
79 100

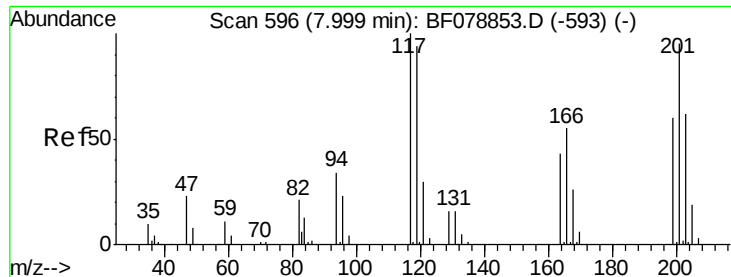
108 30.4 62.5 93.7#

77 100.1 52.2 78.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

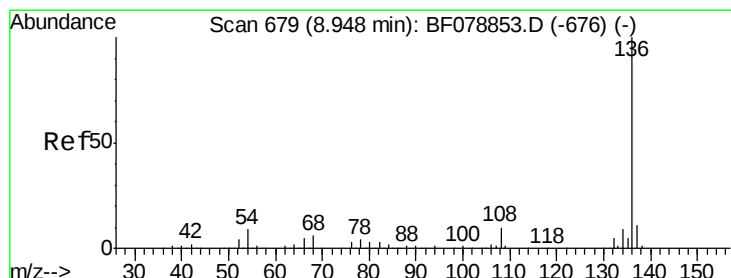
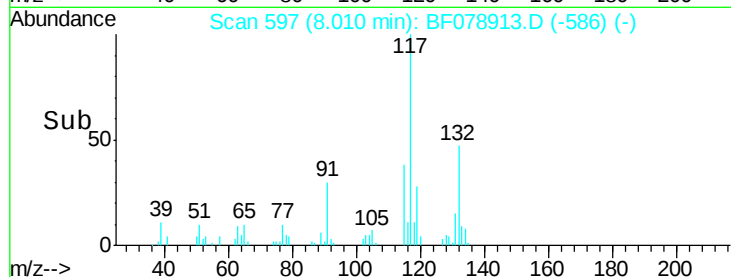
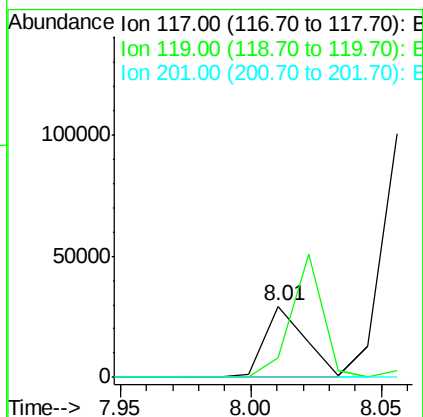
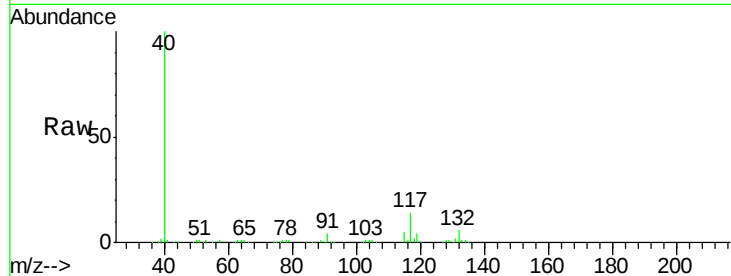




#18
Hexachloroethane
Concen: 15.69 ng
RT: 8.01 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF078913.D
Acq: 4 May 2015 12:37

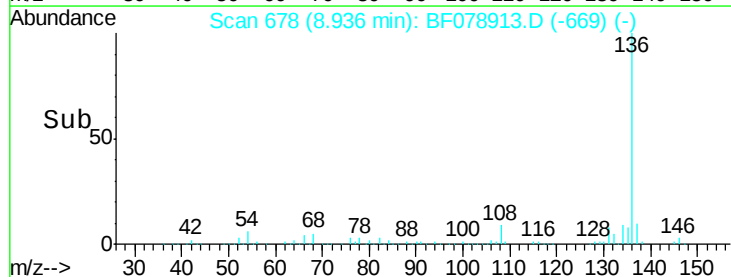
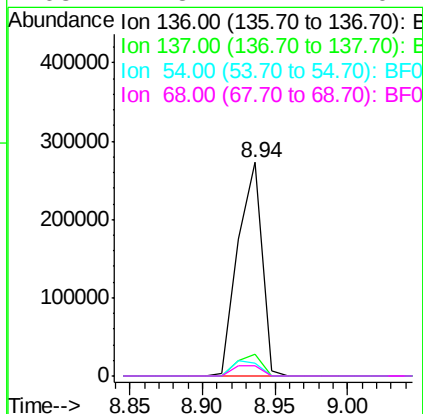
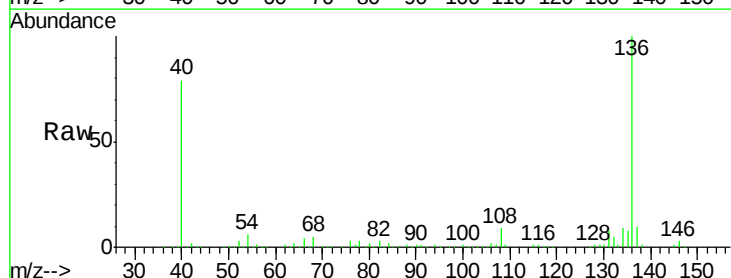
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

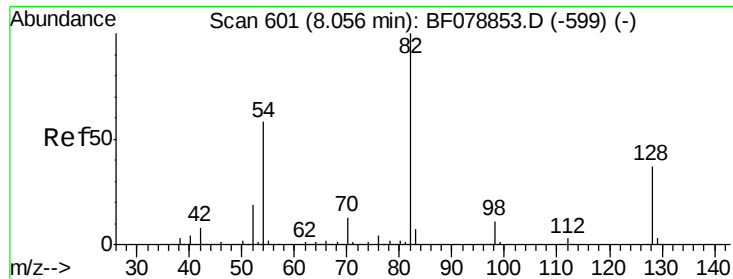
Tgt Ion:117 Resp: 31370
Ion Ratio Lower Upper
117 100
119 28.3 75.4 113.0#
201 0.0 83.2 124.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF078913.D
Acq: 4 May 2015 12:37

Tgt Ion:136 Resp: 314140
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 6.2 5.8 8.8
68 4.8 4.2 6.4

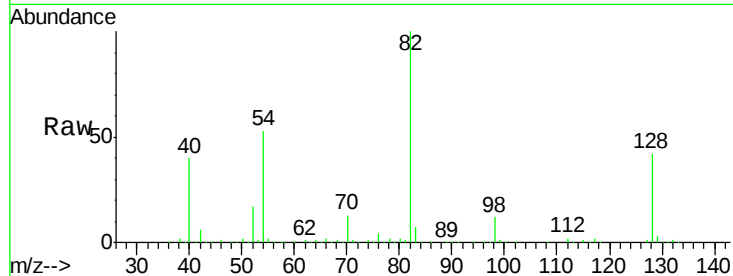




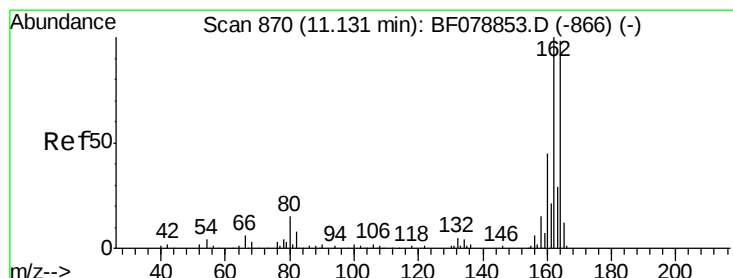
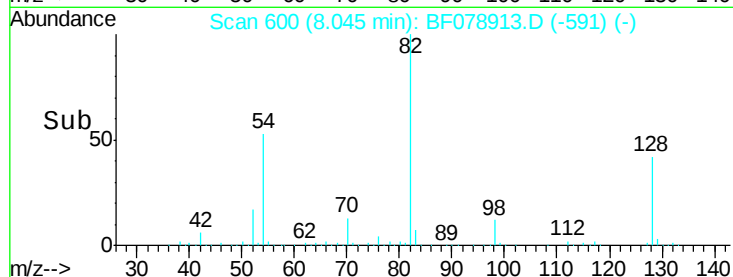
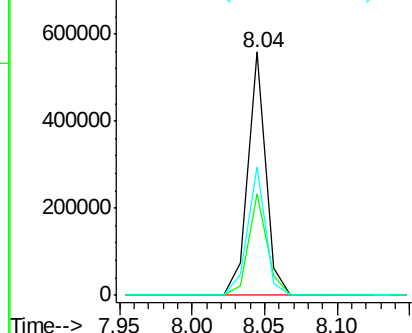
#23
 Nitrobenzene-d5
 Concen: 87.66 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078913.D
 Acq: 4 May 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Tgt Ion: 82 Resp: 479141
 Ion Ratio Lower Upper
 82 100
 128 41.8 30.0 45.0
 54 52.8 46.4 69.6

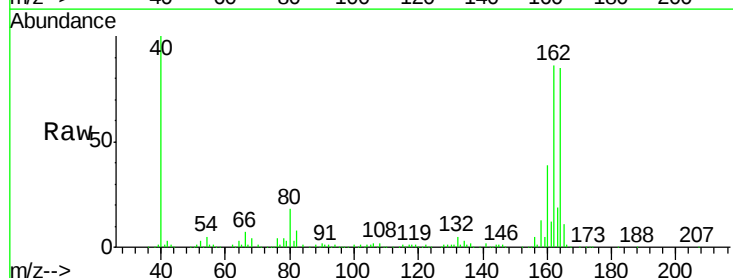


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

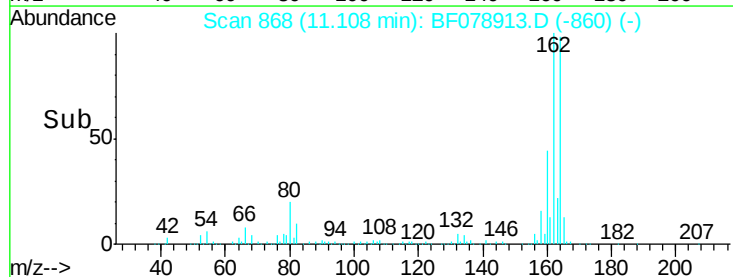
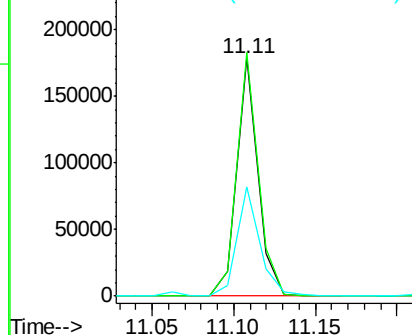


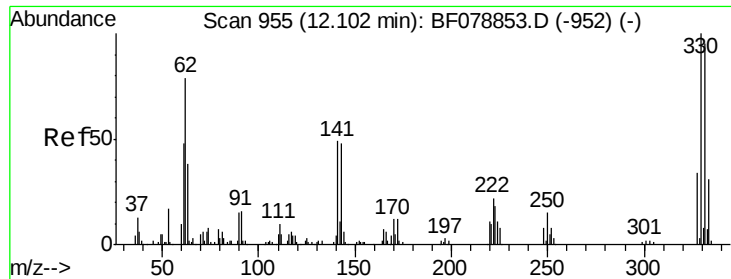
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078913.D
 Acq: 4 May 2015 12:37

Tgt Ion: 164 Resp: 158555
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.7 124.1
 160 45.8 35.8 53.8



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

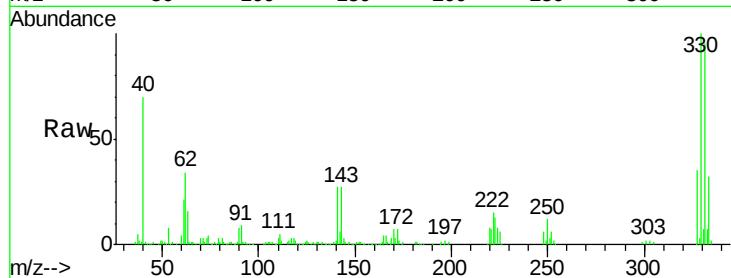




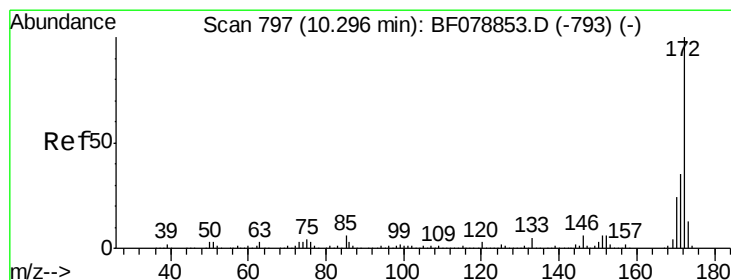
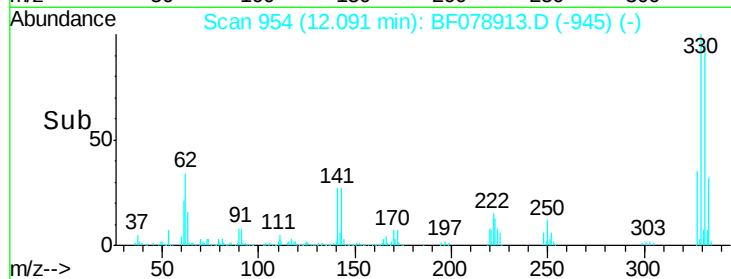
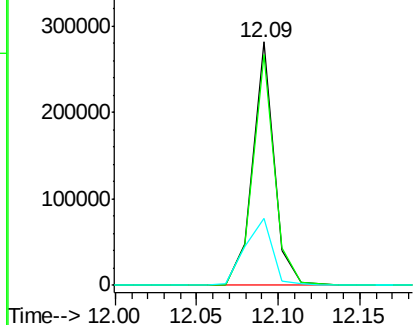
#41
 2,4,6-Tribromophenol
 Concen: 150.96 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078913.D
 Acq: 4 May 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	33.6	0.0	0.0#

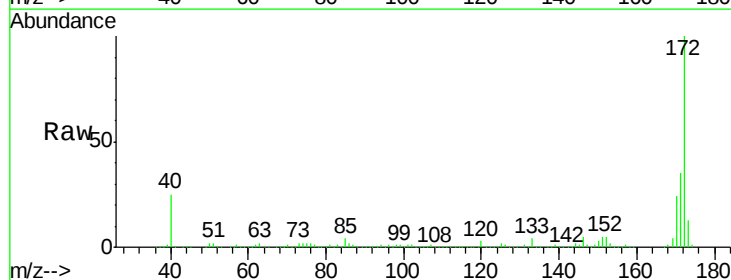


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

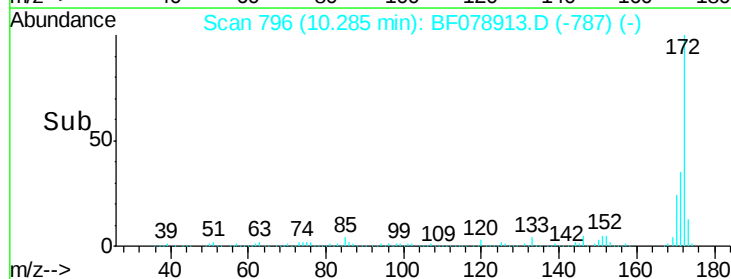
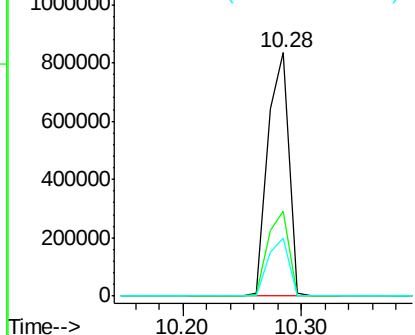


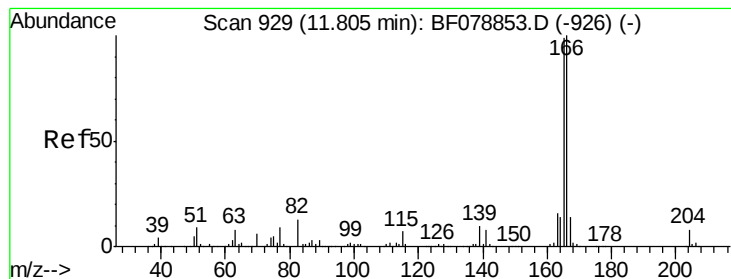
#44
 2-Fluorobiphenyl
 Concen: 90.38 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078913.D
 Acq: 4 May 2015 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.8	19.4	29.0



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





#57

Fluorene

Concen: 2.72 ng

RT: 11.79 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF078913.D

Acq: 4 May 2015 12:37

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

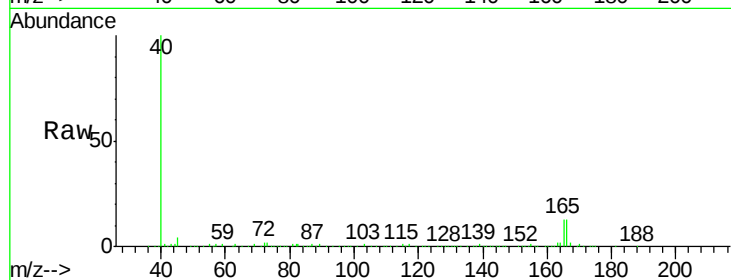
Tgt Ion:166 Resp: 31092

Ion Ratio Lower Upper

166 100

165 100.7 78.5 117.7

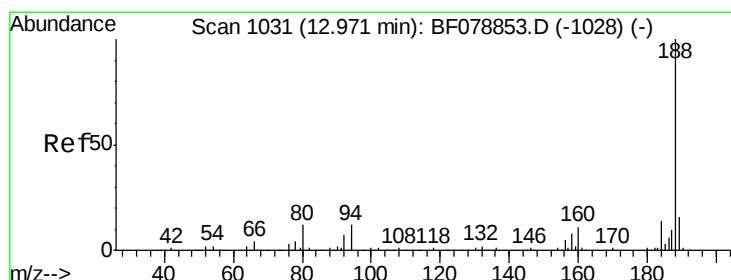
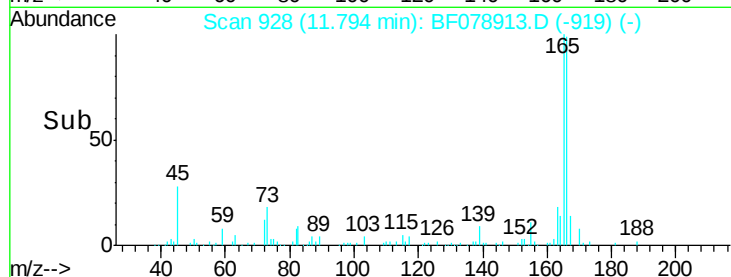
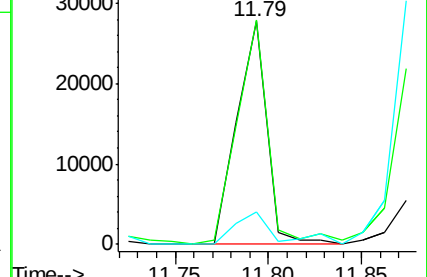
167 14.5 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.96 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF078913.D

Acq: 4 May 2015 12:37

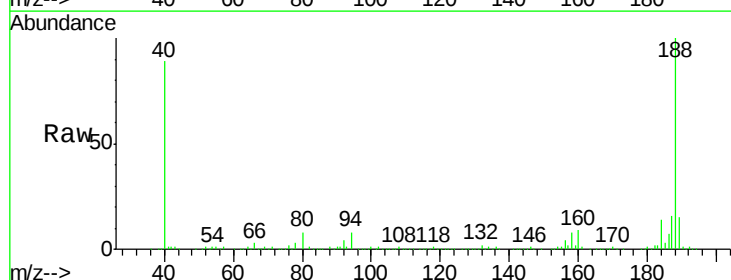
Tgt Ion:188 Resp: 311721

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.2#

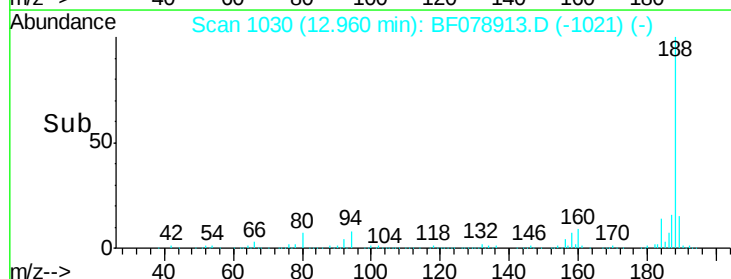
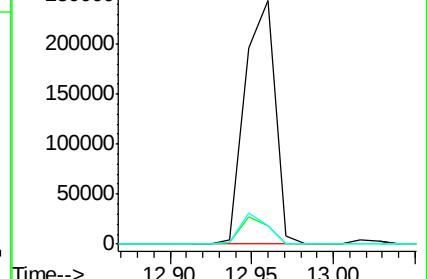
80 7.6 8.9 13.3#

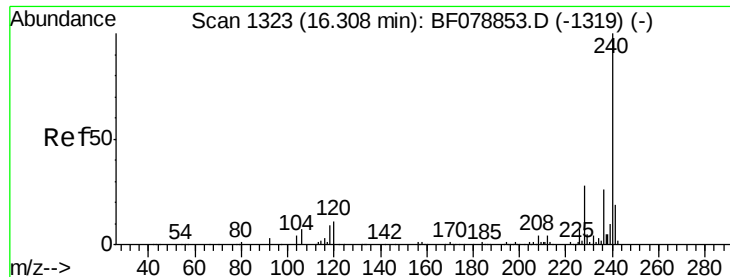


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 1320

Delta R.T. -0.05 min

Lab File: BF078913.D

Acq: 4 May 2015 12:37

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

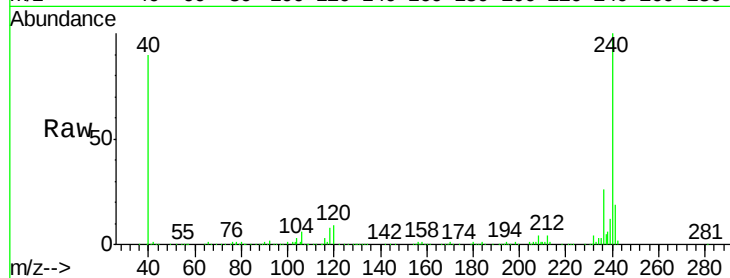
Tgt Ion:240 Resp: 311197

Ion Ratio Lower Upper

240 100

120 8.6 9.7 14.5#

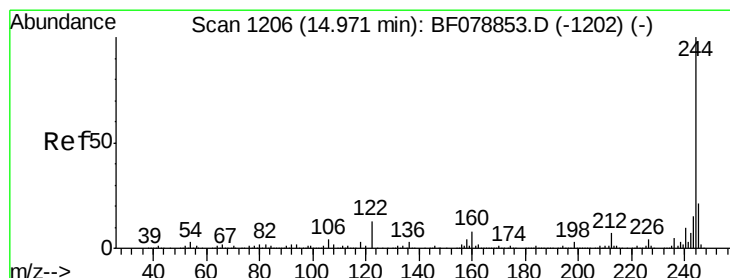
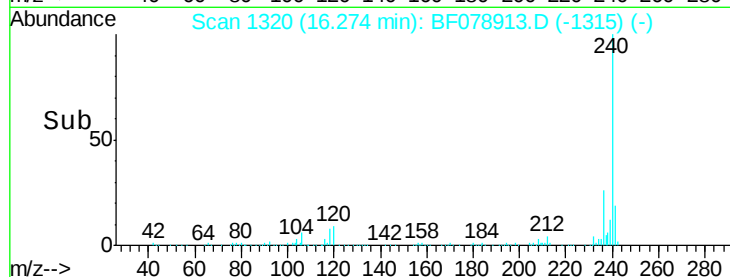
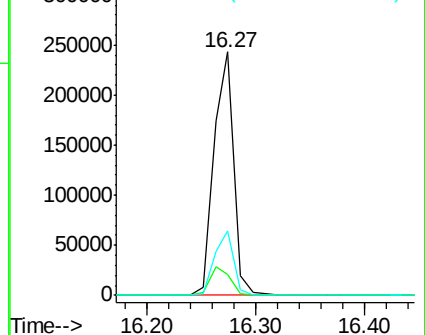
236 26.3 20.2 30.4



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



#78

Terphenyl-d14

Concen: 95.43 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF078913.D

Acq: 4 May 2015 12:37

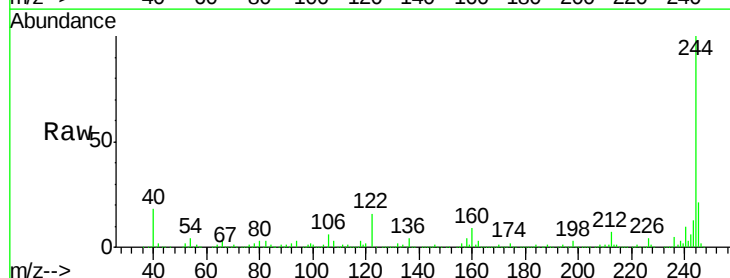
Tgt Ion:244 Resp: 1240410

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

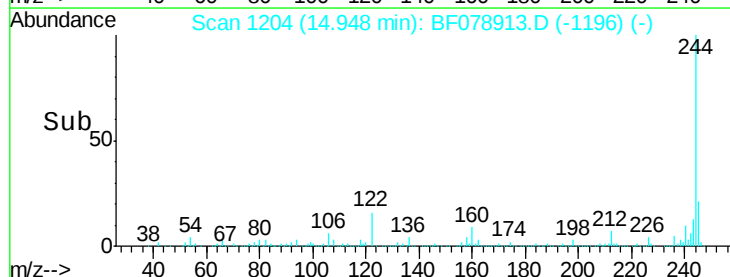
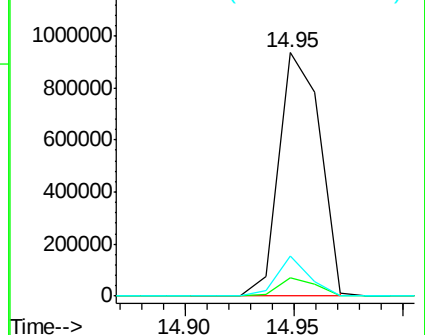
122 16.3 10.3 15.5#

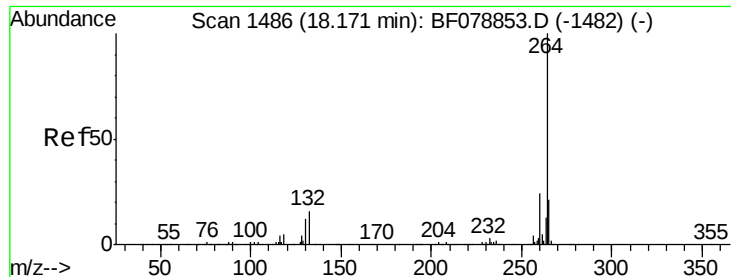


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.10 min Scan# 1480
Delta R.T. -0.14 min
Lab File: BF078913.D
Acq: 4 May 2015 12:37

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion: 264 Resp: 298628
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.7 18.3 27.5

