

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
 Data File : BF078915.D
 Acq On : 4 May 2015 13:34
 Operator : TP/IZ
 Sample : G1999-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Quant Time: May 05 01:20:34 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

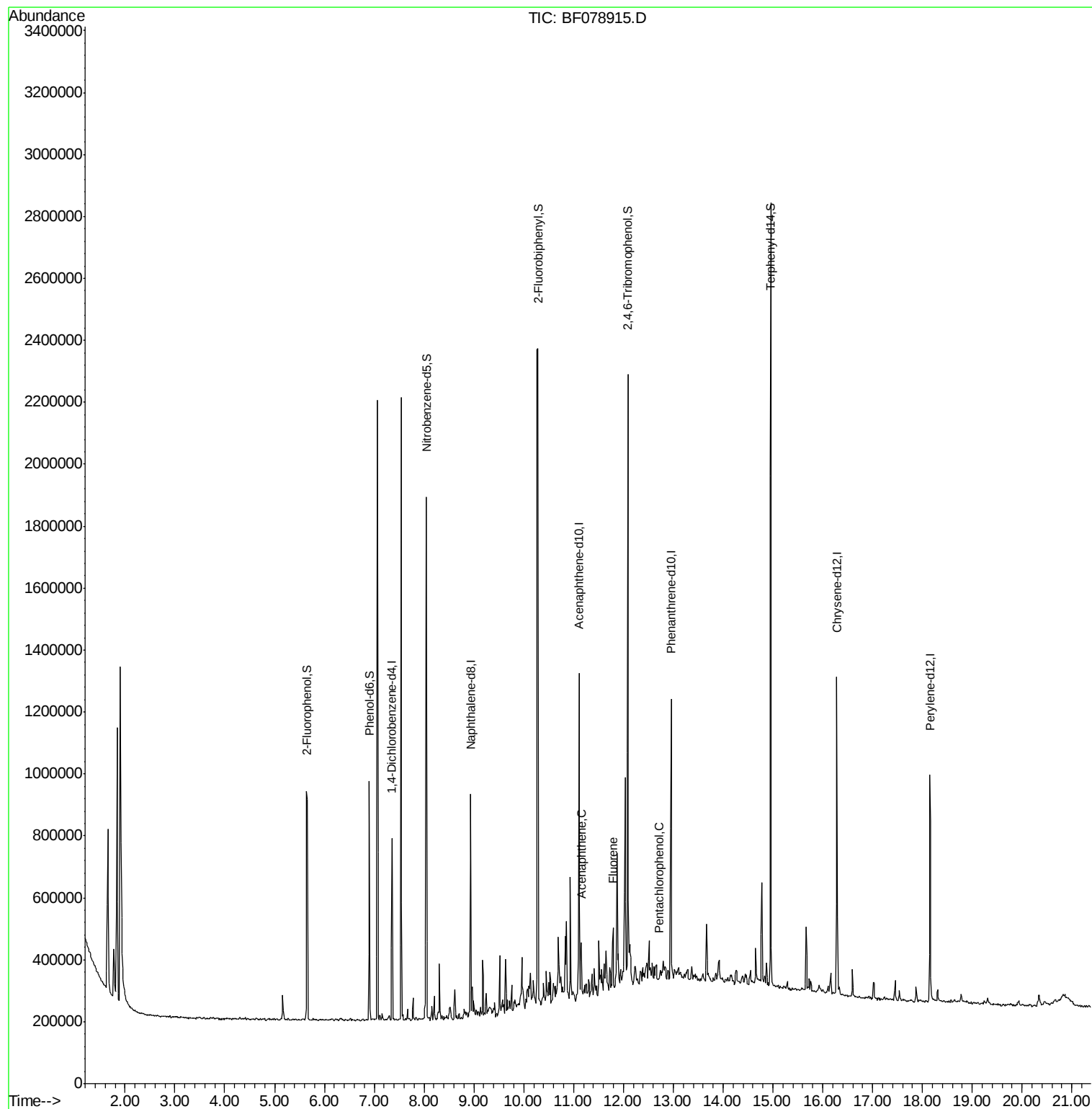
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	96460	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	407988	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	207166	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	398215	20.00	ng	0.00
75) Chrysene-d12	16.29	240	402674	20.00	ng	-0.03
86) Perylene-d12	18.15	264	407095	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	306648	54.72	ng	0.01
7) Phenol-d6	6.90	99	267517	36.12	ng	0.00
23) Nitrobenzene-d5	8.04	82	500583	70.52	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	258946	115.54	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	1034549	69.57	ng	0.00
78) Terphenyl-d14	14.96	244	1064168	63.27	ng	0.00
Target Compounds						
51) Acenaphthene	11.15	154	36917	2.93	ng	99
57) Fluorene	11.79	166	43949	2.95	ng	# 99
69) Pentachlorophenol	12.72	266	219	6.91	ng	# 18

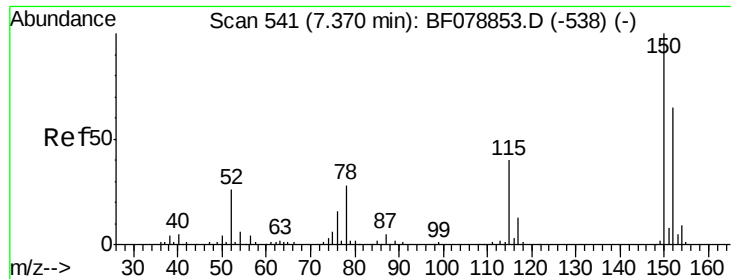
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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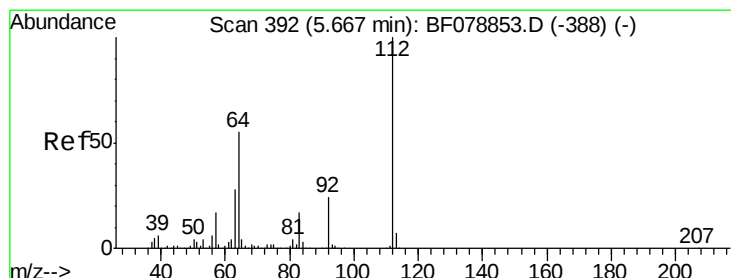
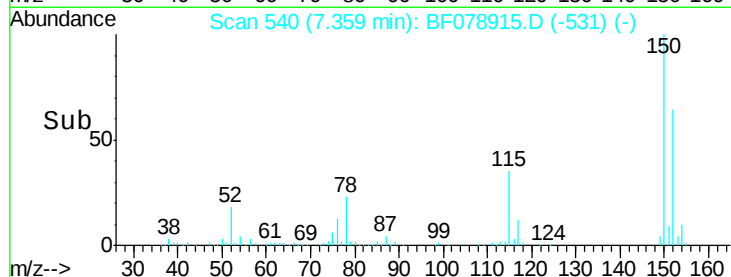
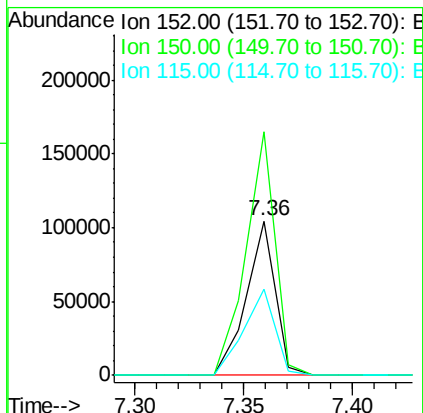
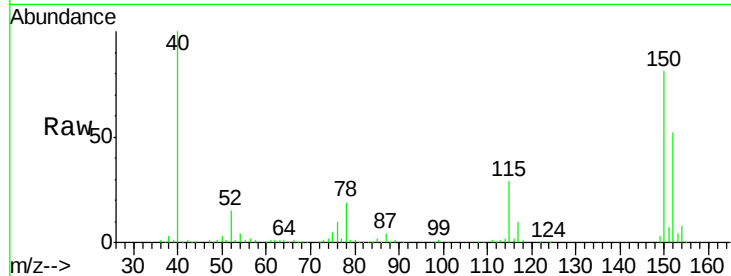


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078915.D
Acq: 4 May 2015 13:34

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

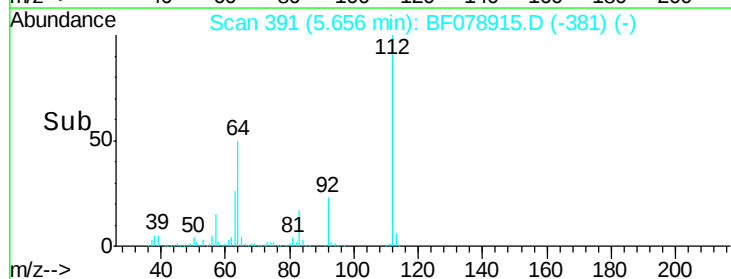
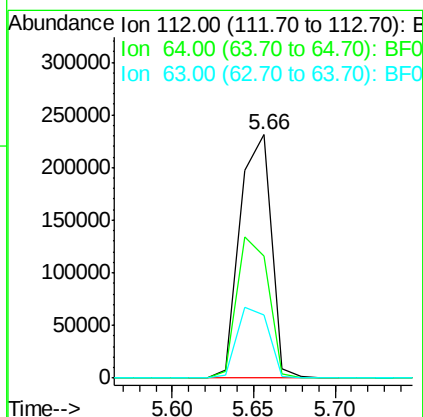
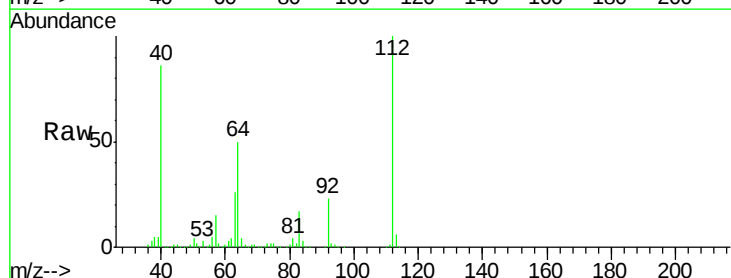
Tgt Ion:152 Resp: 96460
Ion Ratio Lower Upper
152 100
150 157.4 122.0 183.0
115 55.4 46.3 69.5

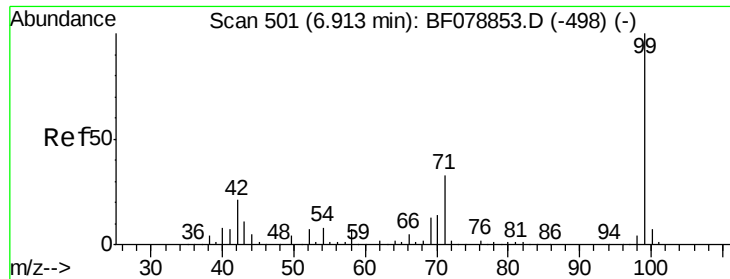


#5

2-Fluorophenol
Concen: 54.72 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078915.D
Acq: 4 May 2015 13:34

Tgt Ion:112 Resp: 306648
Ion Ratio Lower Upper
112 100
64 50.2 53.5 80.3#
63 26.0 27.5 41.3#





#7

Phenol-d6

Concen: 36.12 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078915.D

Acq: 4 May 2015 13:34

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

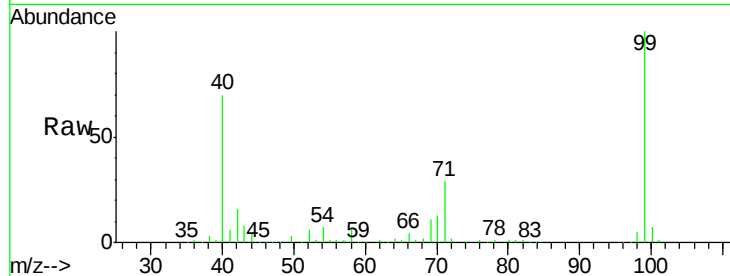
Tgt Ion: 99 Resp: 267517

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

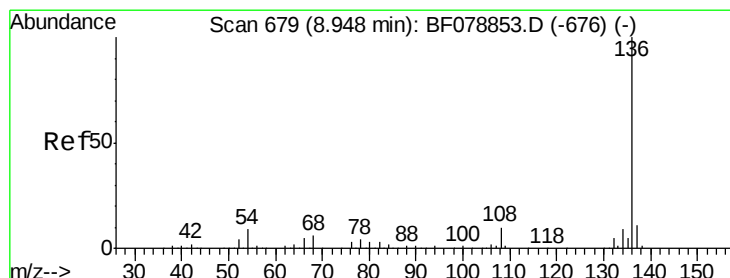
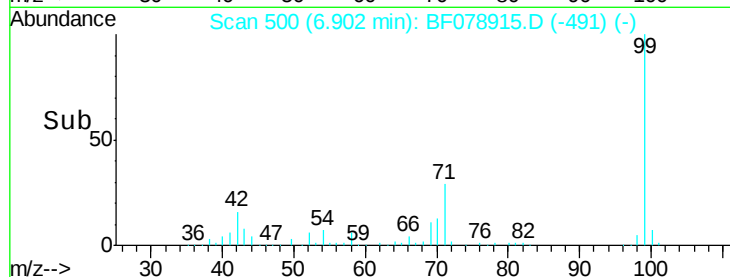
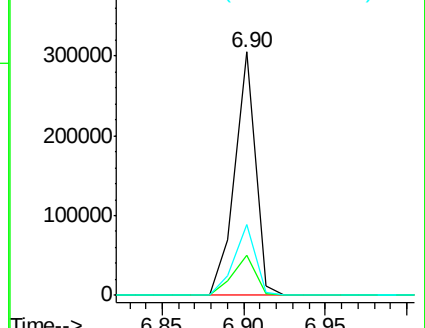
71 29.3 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078915.D

Acq: 4 May 2015 13:34

Tgt Ion: 136 Resp: 407988

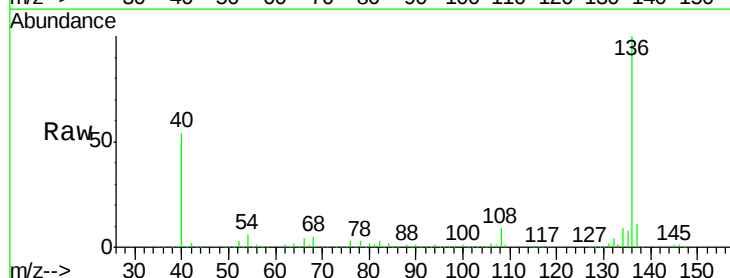
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.1 5.8 8.8

68 4.6 4.2 6.4

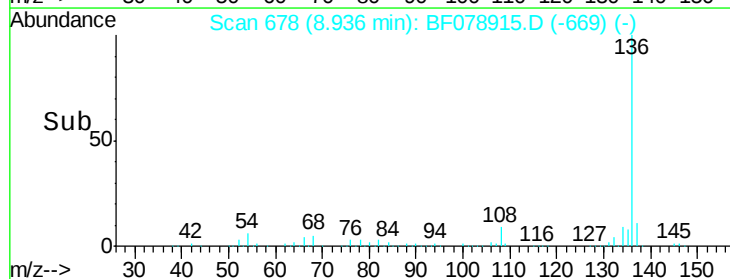
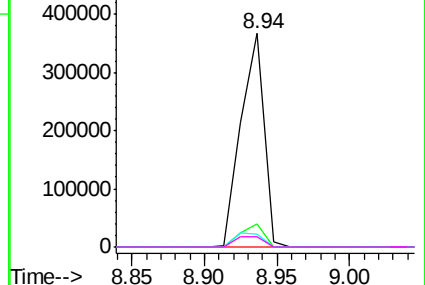


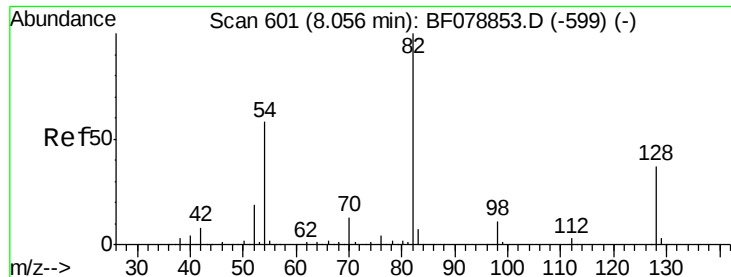
Abundance Ion 136.00 (135.70 to 136.70): E

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

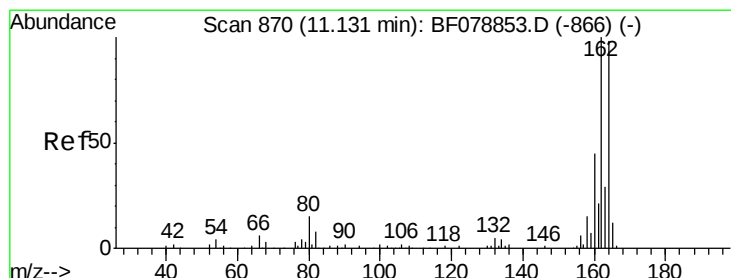
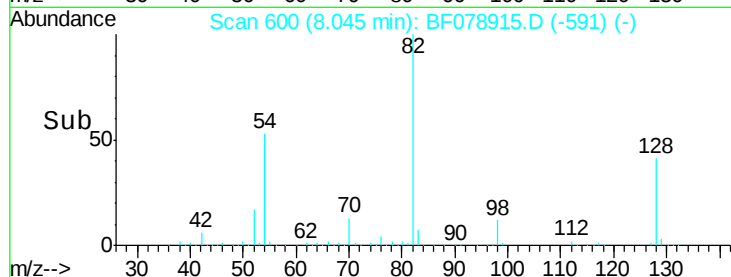
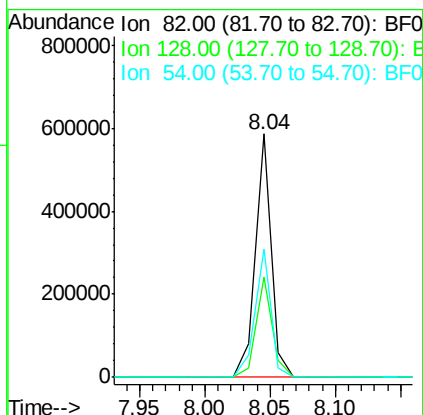
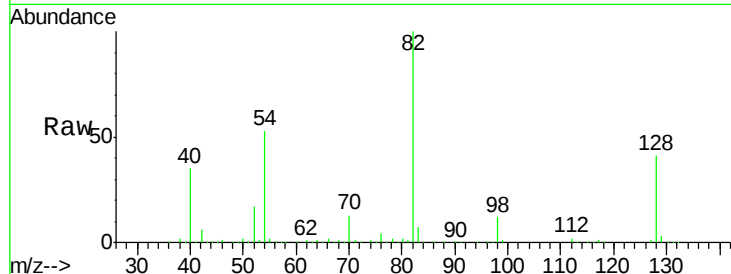




#23
Nitrobenzene-d5
Concen: 70.52 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF078915.D
Acq: 4 May 2015 13:34

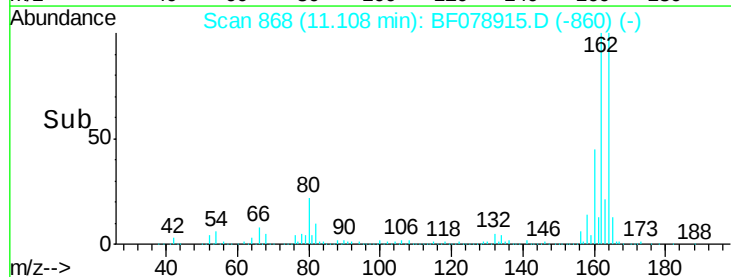
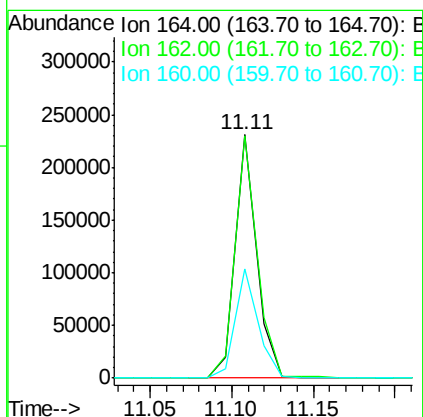
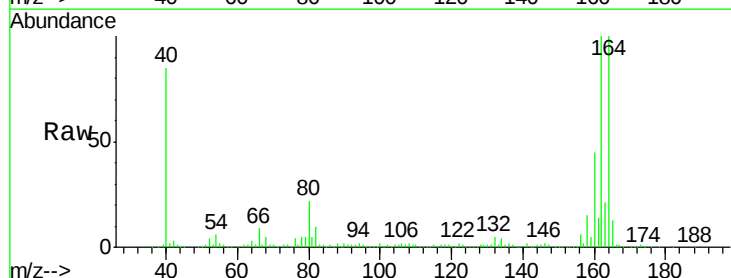
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

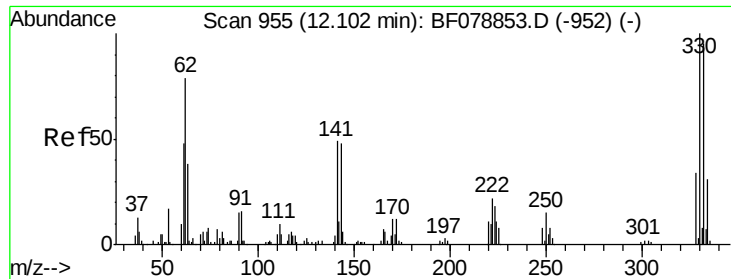
Tgt Ion: 82 Resp: 500583
Ion Ratio Lower Upper
82 100
128 41.3 30.0 45.0
54 52.9 46.4 69.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF078915.D
Acq: 4 May 2015 13:34

Tgt Ion: 164 Resp: 207166
Ion Ratio Lower Upper
164 100
162 99.7 82.7 124.1
160 44.7 35.8 53.8

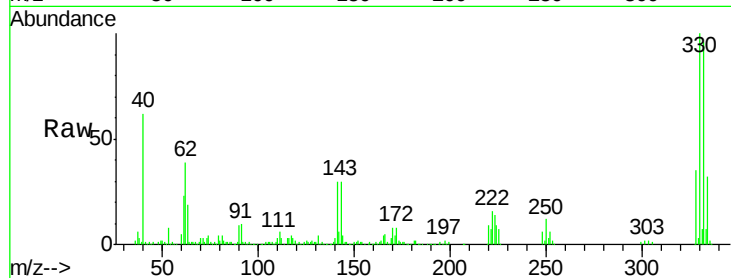




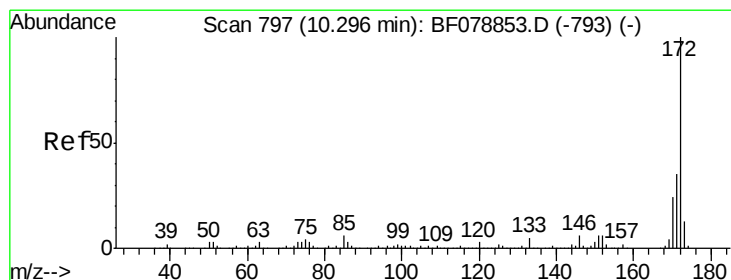
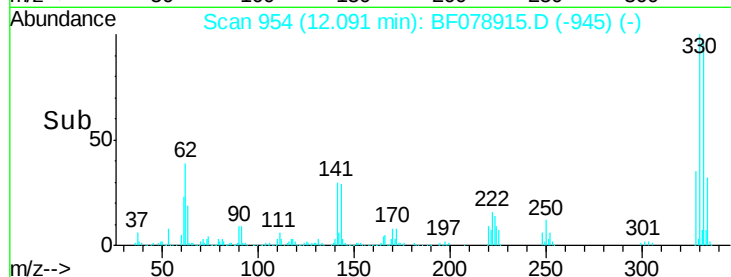
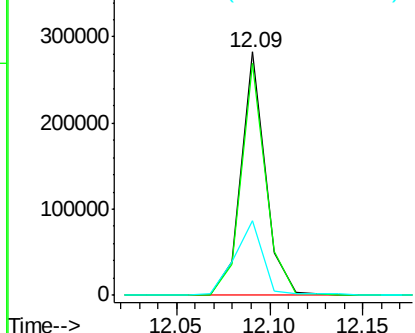
#41
 2,4,6-Tribromophenol
 Concen: 115.54 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078915.D
 Acq: 4 May 2015 13:34

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Tgt Ion:330 Resp: 258946
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 34.8 0.0 0.0#

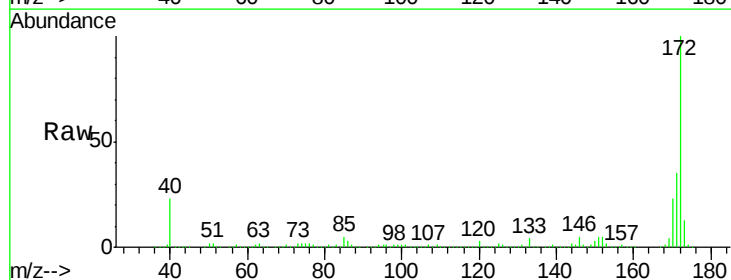


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

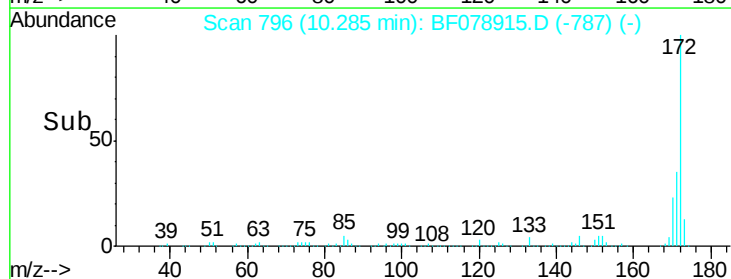
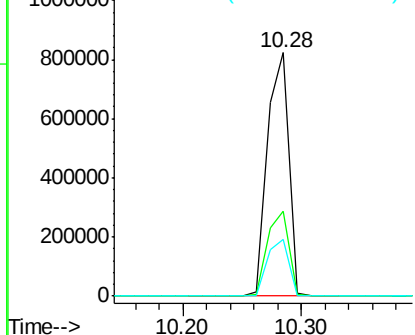


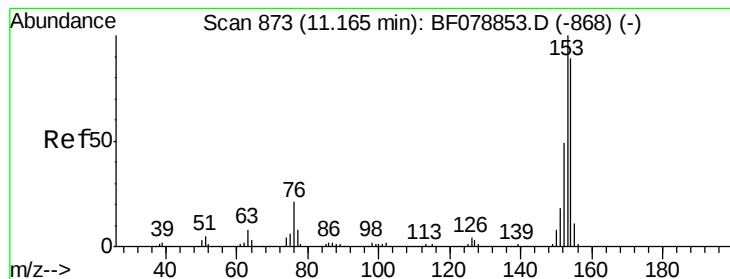
#44
 2-Fluorobiphenyl
 Concen: 69.57 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078915.D
 Acq: 4 May 2015 13:34

Tgt Ion:172 Resp: 1034549
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.9 41.9
 170 23.5 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





#51

Acenaphthene

Concen: 2.93 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF078915.D

Acq: 4 May 2015 13:34

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

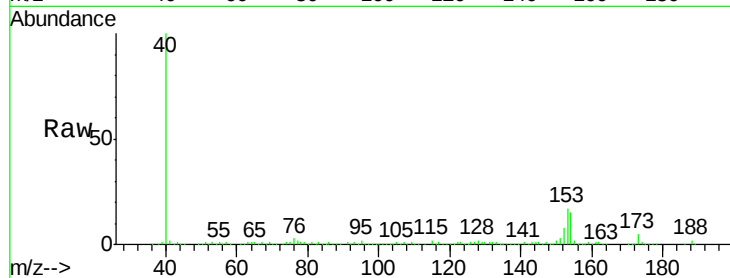
Tgt Ion:154 Resp: 36917

Ion Ratio Lower Upper

154 100

153 112.9 91.5 137.3

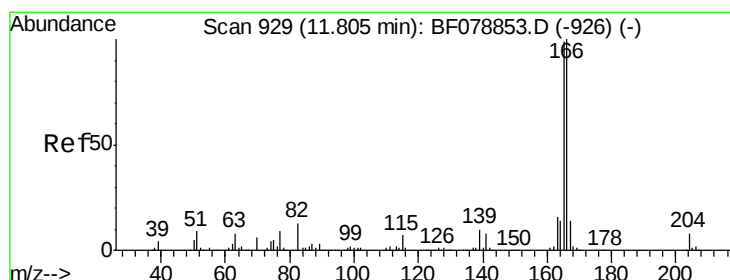
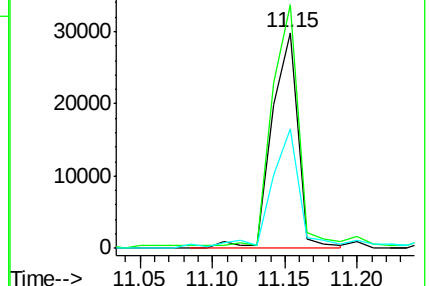
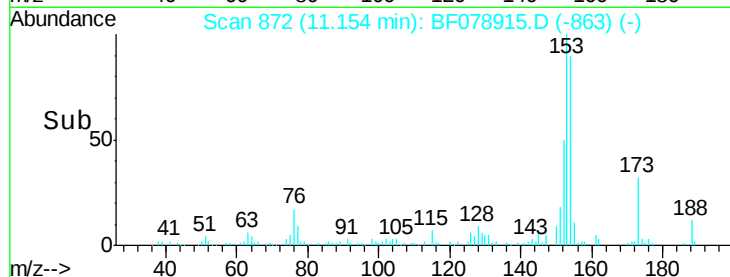
152 55.3 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 2.95 ng

RT: 11.79 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF078915.D

Acq: 4 May 2015 13:34

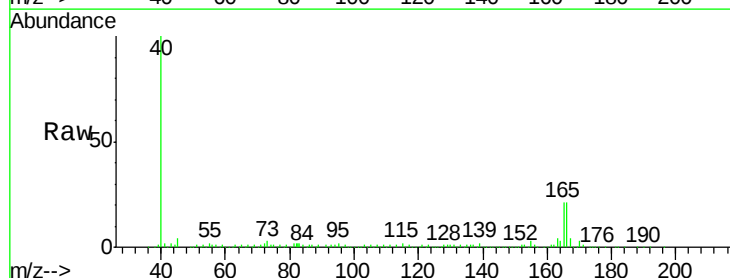
Tgt Ion:166 Resp: 43949

Ion Ratio Lower Upper

166 100

165 97.4 78.5 117.7

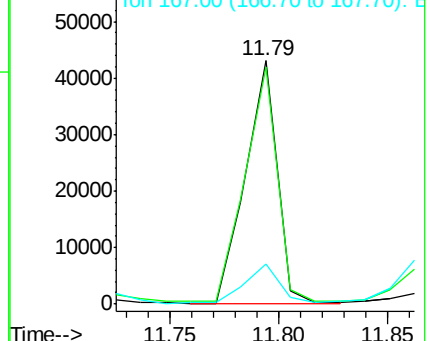
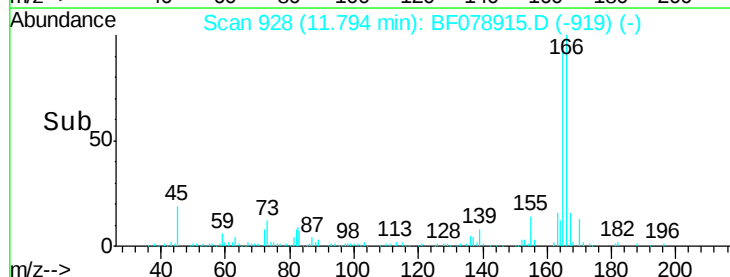
167 16.6 11.0 16.6#

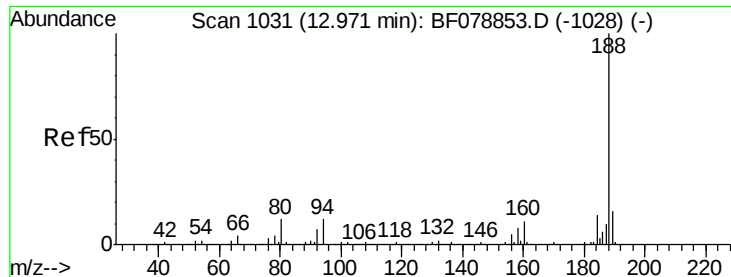


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

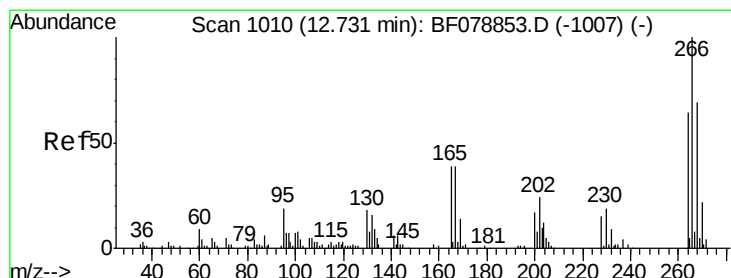
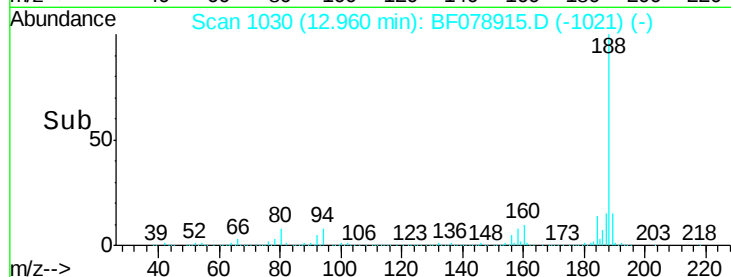
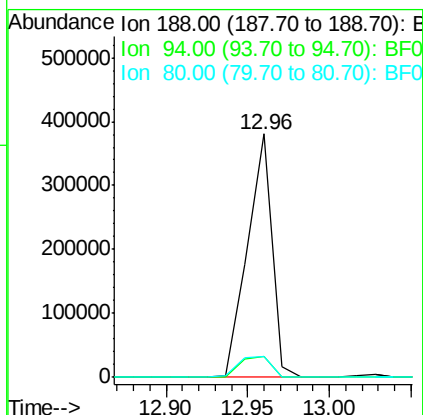
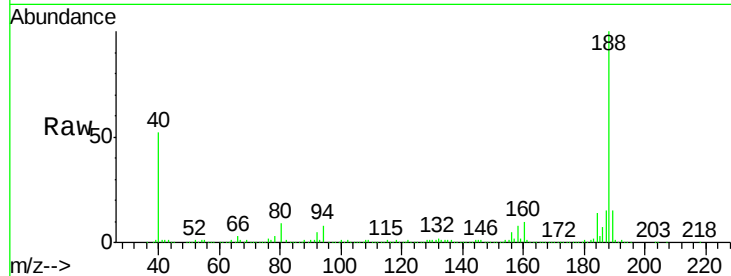




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078915.D
Acq: 4 May 2015 13:34

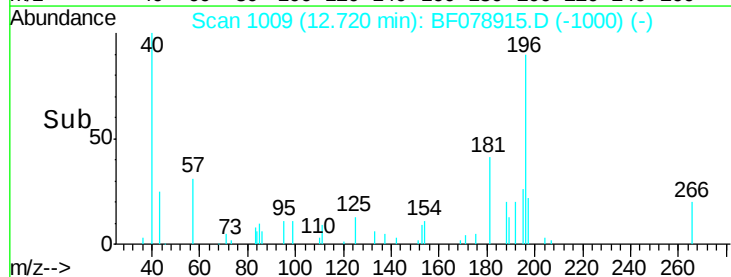
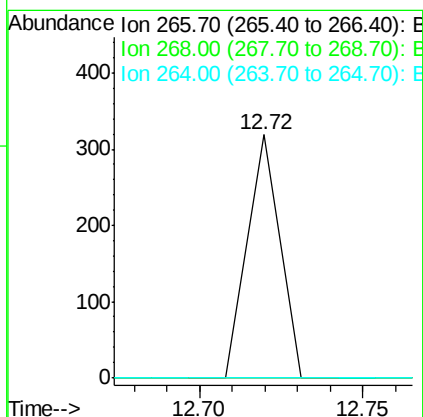
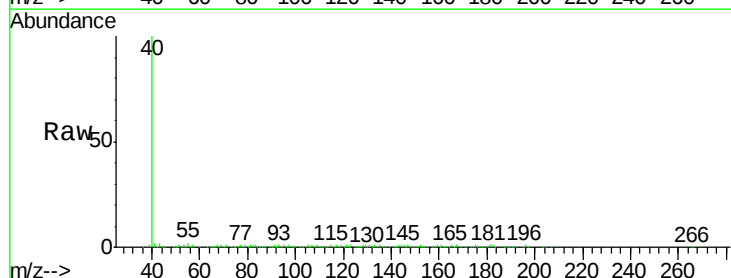
Instrument :
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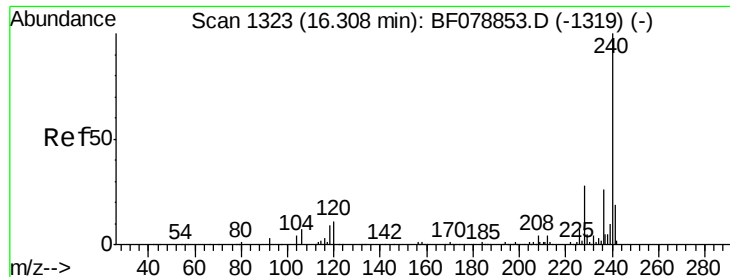
Tgt Ion:188 Resp: 398215
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 8.5 8.9 13.3#



#69
Pentachlorophenol
Concen: 6.91 ng
RT: 12.72 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF078915.D
Acq: 4 May 2015 13:34

Tgt Ion:266 Resp: 219
Ion Ratio Lower Upper
266 100
268 0.0 55.0 82.6#
264 0.0 48.2 72.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF078915.D

Acq: 4 May 2015 13:34

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

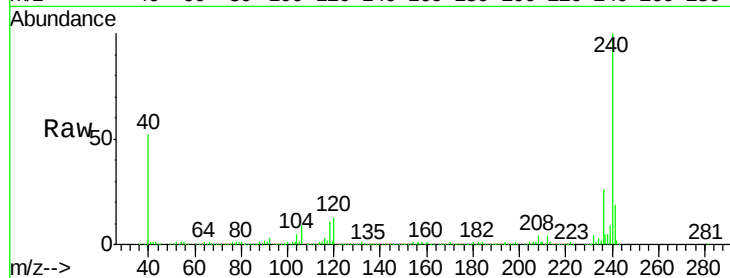
Tgt Ion:240 Resp: 402674

Ion Ratio Lower Upper

240 100

120 13.0 9.7 14.5

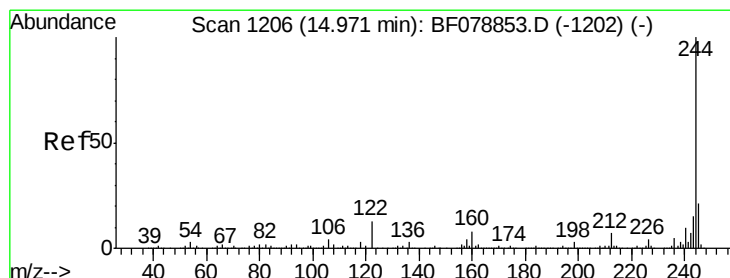
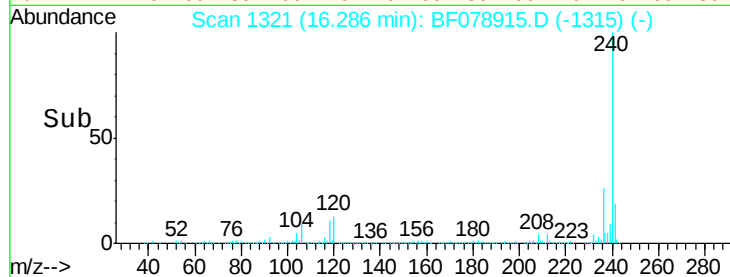
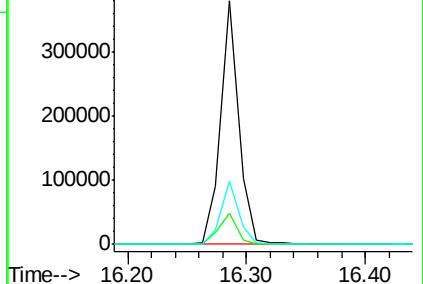
236 25.9 20.2 30.4



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: 63.27 ng

RT: 14.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF078915.D

Acq: 4 May 2015 13:34

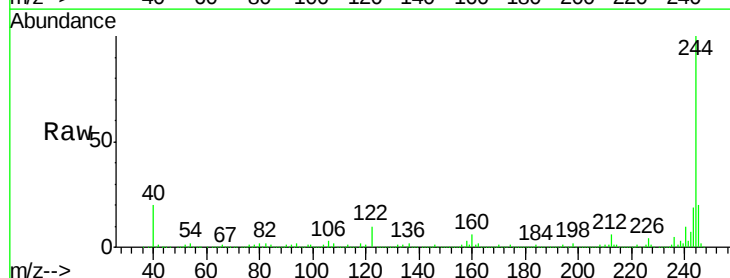
Tgt Ion:244 Resp: 1064168

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

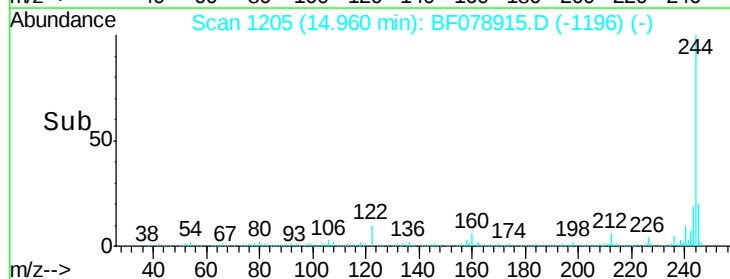
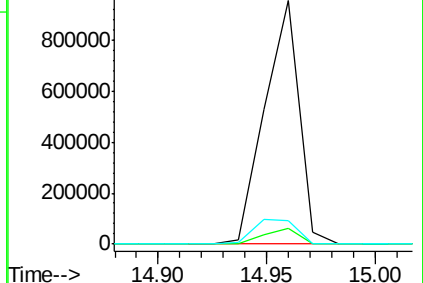
122 9.6 10.3 15.5#

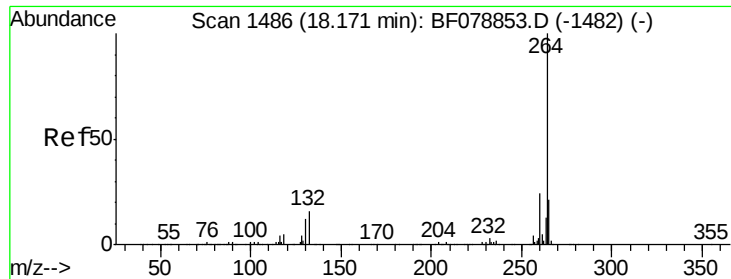


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

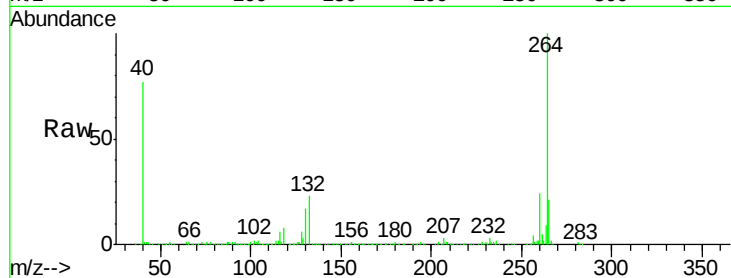




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.15 min Scan# 1484
Delta R.T. -0.09 min
Lab File: BF078915.D
Acq: 4 May 2015 13:34

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.3	18.3	27.5



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

