

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078606.D
 Acq On : 17 Apr 2015 15:37
 Operator : TP/IZ
 Sample : G1860-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Apr 17 23:55:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 23:28:12 2015
 Response via : Initial Calibration

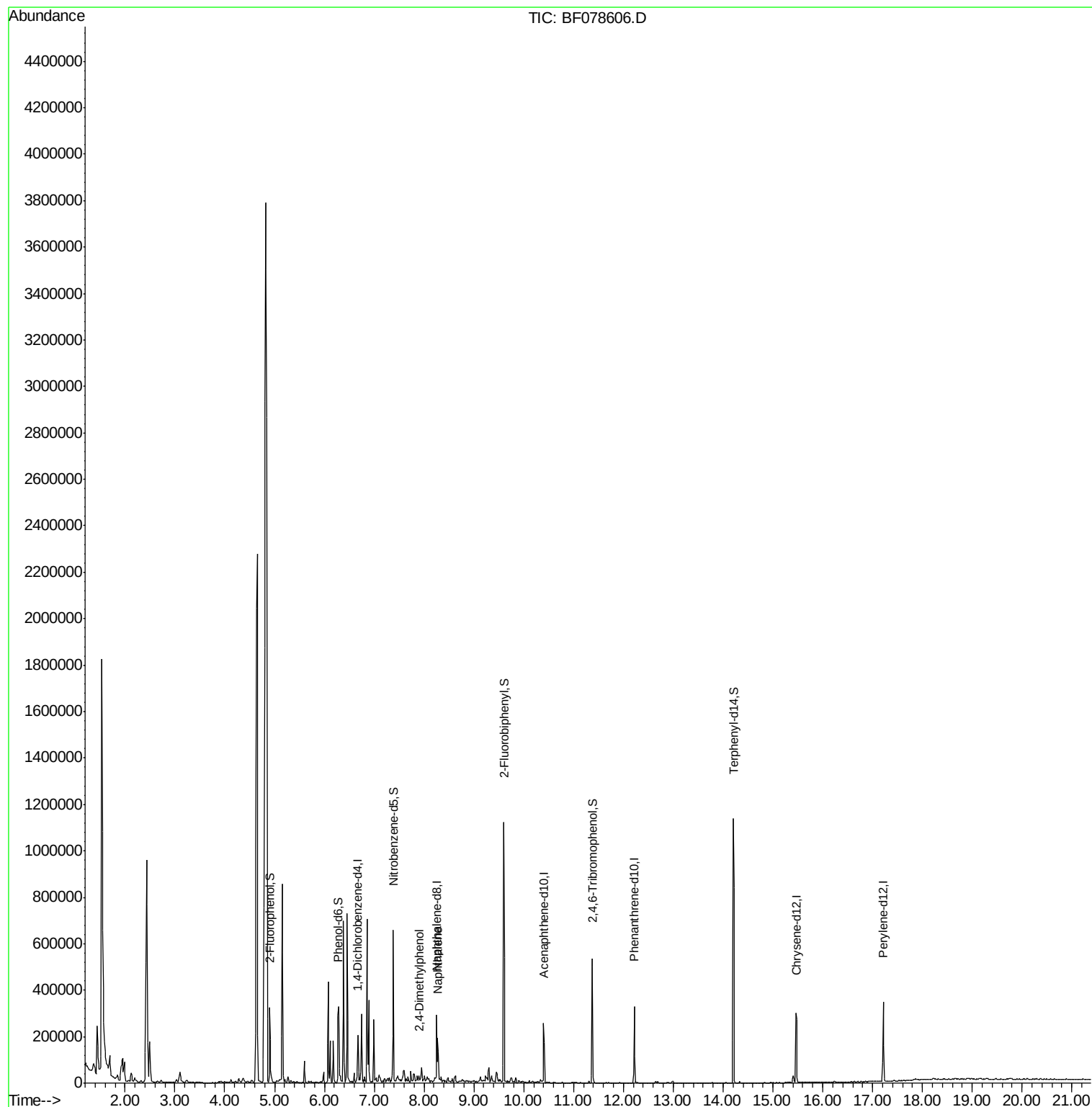
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	32738	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	130641	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	65991	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	135273	20.00	ng	0.00
75) Chrysene-d12	15.47	240	161722	20.00	ng	0.01
86) Perylene-d12	17.21	264	154708	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	111730	56.27	ng	0.00
7) Phenol-d6	6.28	99	84955	34.14	ng	0.00
23) Nitrobenzene-d5	7.38	82	202359	93.89	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	91204	166.64	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	401649	87.00	ng	0.00
78) Terphenyl-d14	14.21	244	534322	74.66	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.90	122	5066	2.54	ng	94
31) Naphthalene	8.27	128	108067	15.89	ng	99

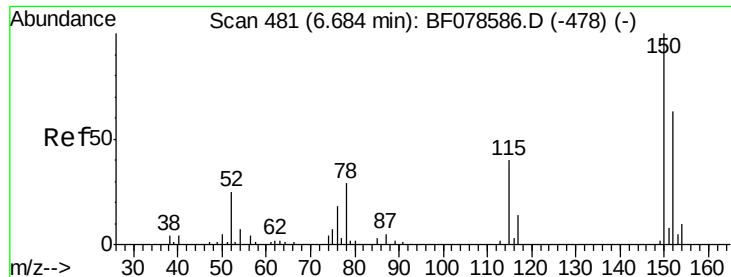
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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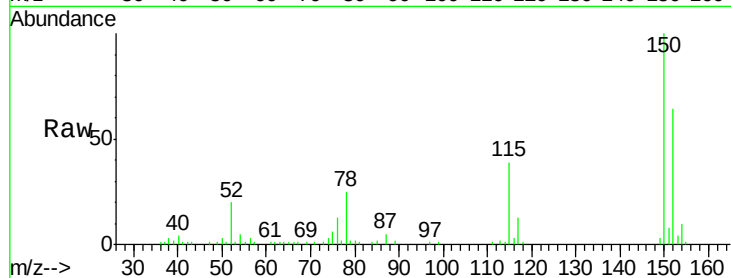


#1

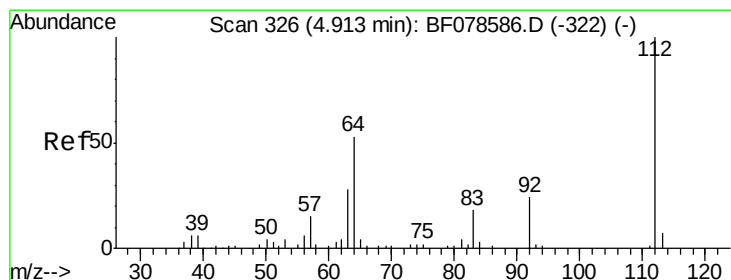
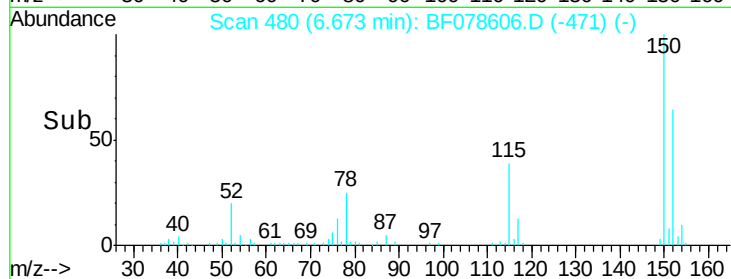
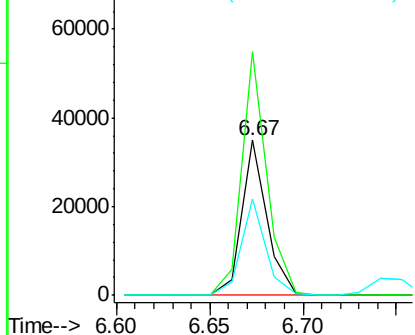
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF078606.D
Acq: 17 Apr 2015 15:37

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:152 Resp: 32738
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 62.0 52.7 79.1



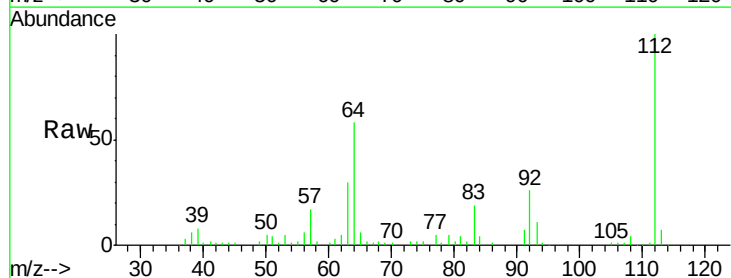
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



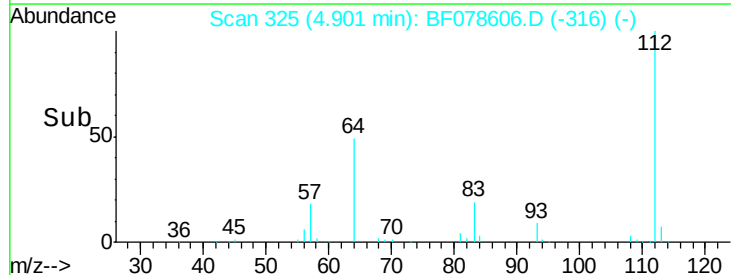
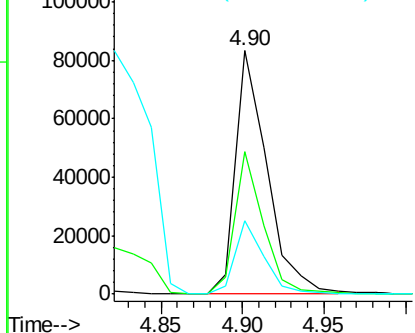
#5

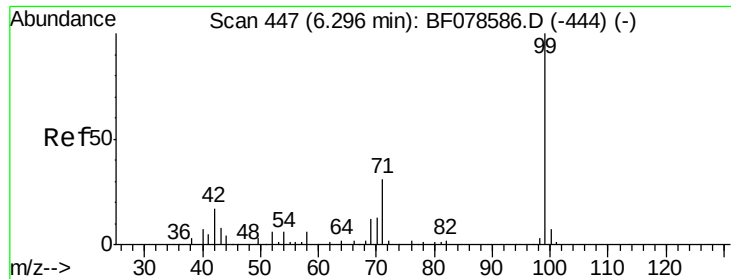
2-Fluorophenol
Concen: 56.27 ng
RT: 4.90 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF078606.D
Acq: 17 Apr 2015 15:37

Tgt Ion:112 Resp: 111730
Ion Ratio Lower Upper
112 100
64 58.4 39.9 59.9
63 30.2 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: 34.14 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Instrument :

BNA_F

ClientSampled :

MW-2

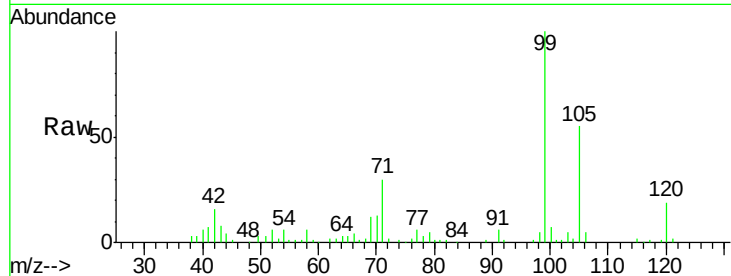
Tot Ion: 99 Resp: 84955

Ion Ratio Lower Upper

99 100

42 16.1 14.8 22.2

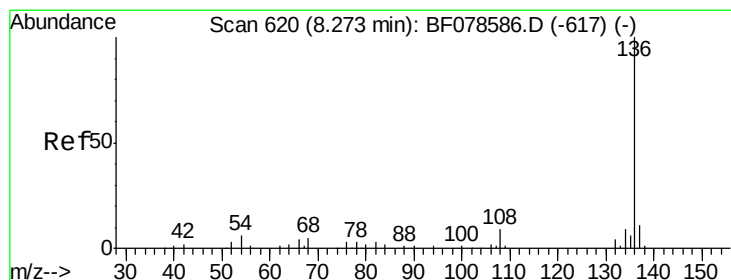
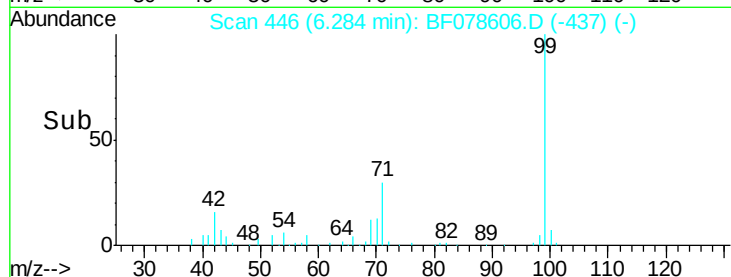
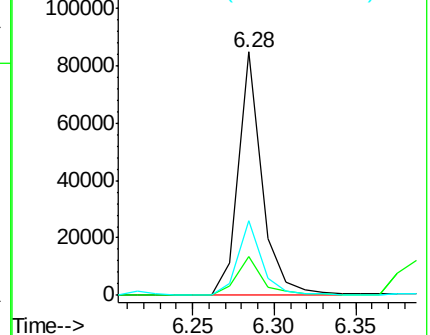
71 30.4 26.6 39.8



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: 8.25 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Tgt Ion: 136 Resp: 130641

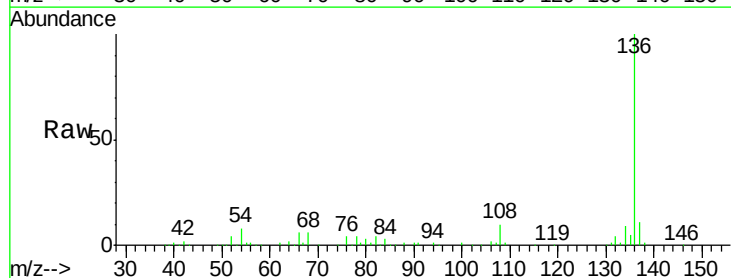
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.0 7.0 10.6

68 6.3 5.4 8.2

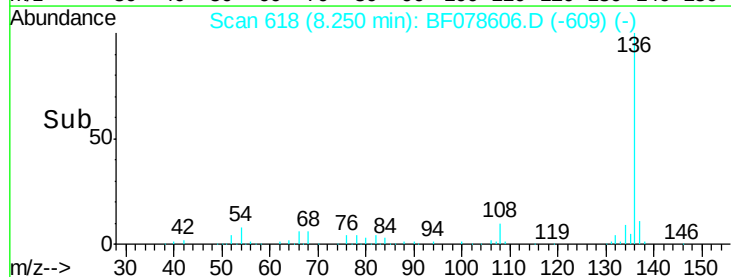
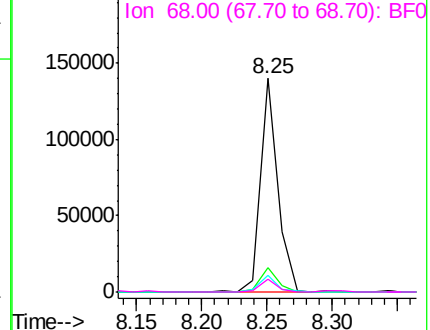


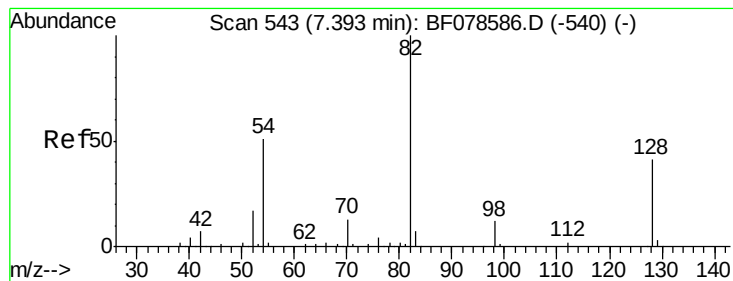
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.89 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Instrument :

BNA_F

ClientSampleId :

MW-2

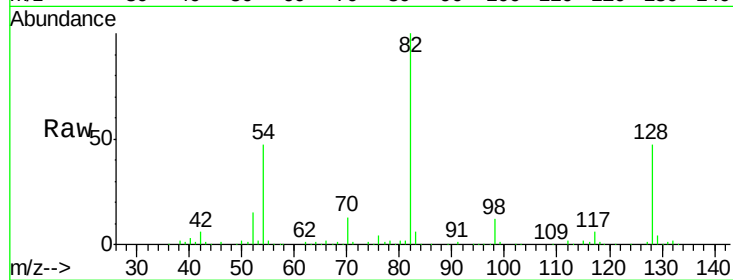
Tot Ion: 82 Resp: 202359

Ion Ratio Lower Upper

82 100

128 47.3 31.8 47.8

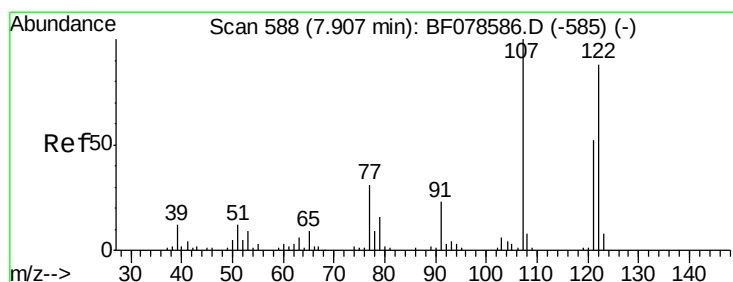
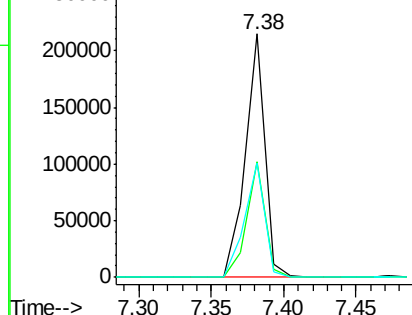
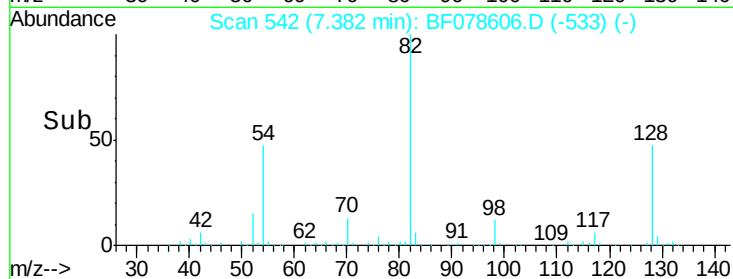
54 46.8 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078586.D (-540) (-)

Ion 128.00 (127.70 to 128.70): BF078586.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-540) (-)



#27

2,4-Dimethylphenol

Concen: 2.54 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

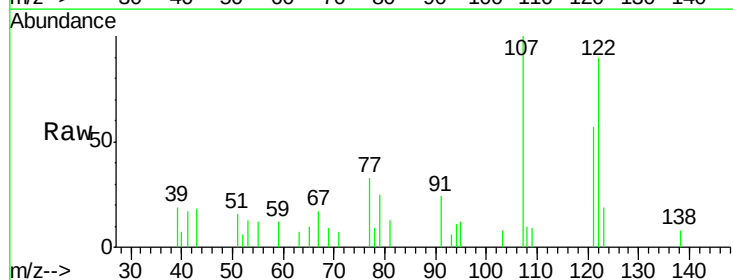
Tgt Ion: 122 Resp: 5066

Ion Ratio Lower Upper

122 100

107 111.3 84.6 127.0

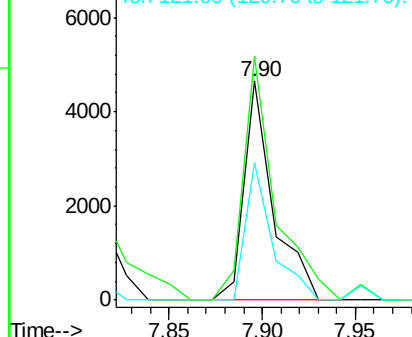
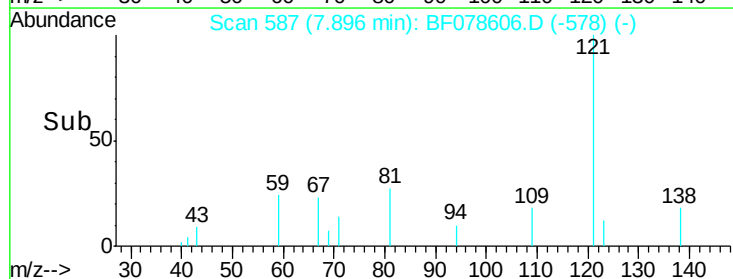
121 63.0 46.0 69.0

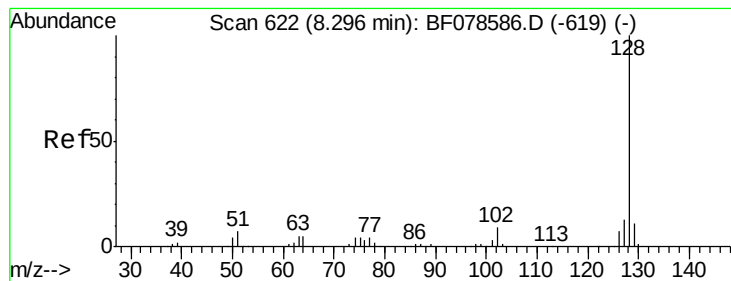


Abundance Ion 122.00 (121.70 to 122.70): BF078586.D (-585) (-)

Ion 107.00 (106.70 to 107.70): BF078586.D (-585) (-)

Ion 121.00 (120.70 to 121.70): BF078586.D (-585) (-)





#31

Naphthalene

Concen: 15.89 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

Instrument :

BNA_F

ClientSampled :

MW-2

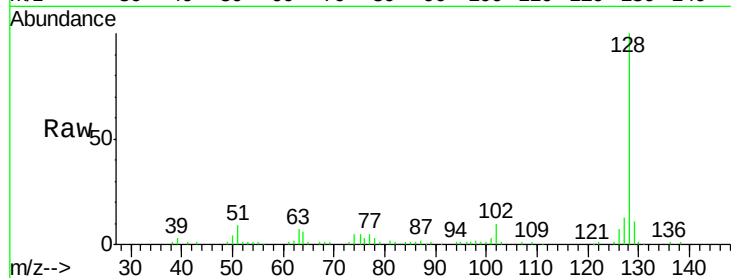
Tot Ion:128 Resp: 108067

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

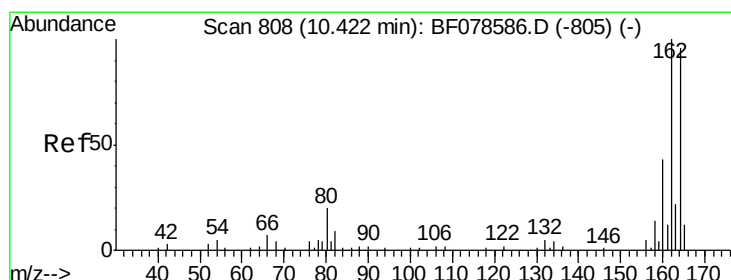
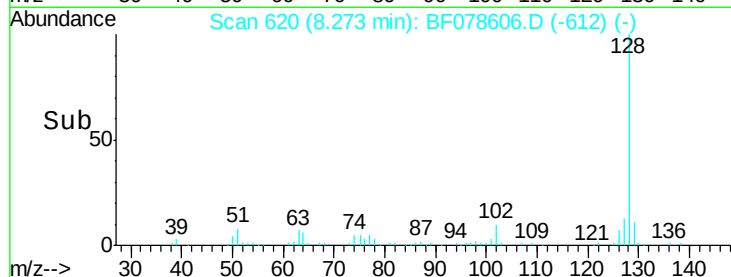
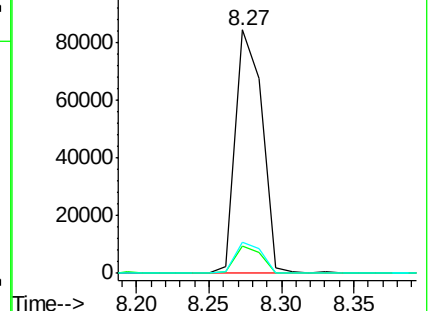
127 13.0 10.7 16.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078606.D

Acq: 17 Apr 2015 15:37

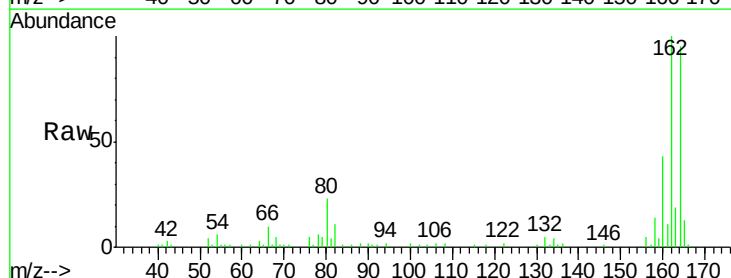
Tgt Ion:164 Resp: 65991

Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

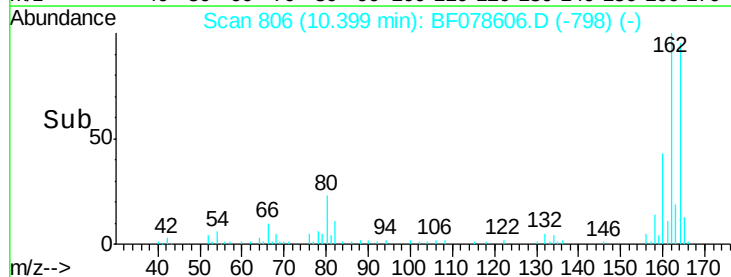
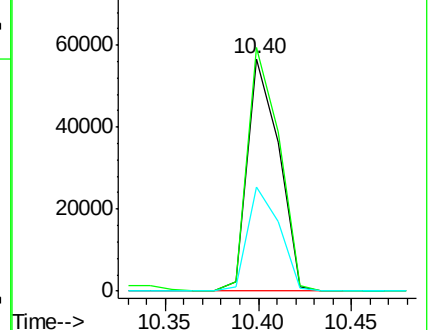
160 44.9 34.7 52.1

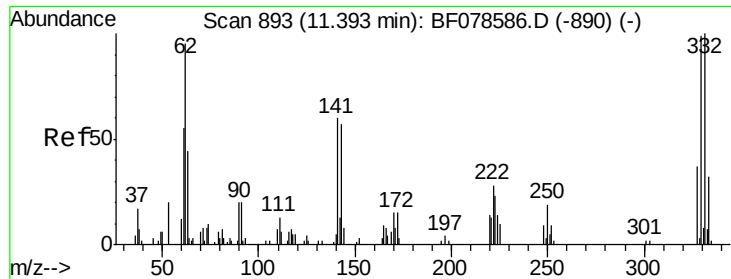


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

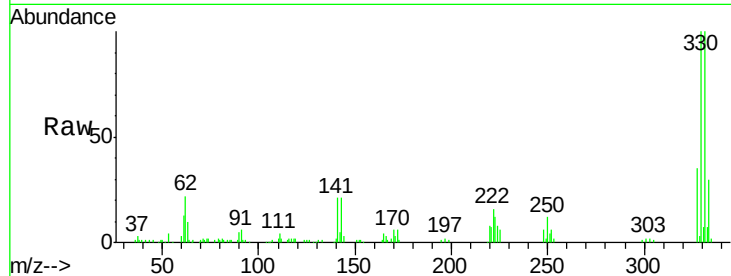




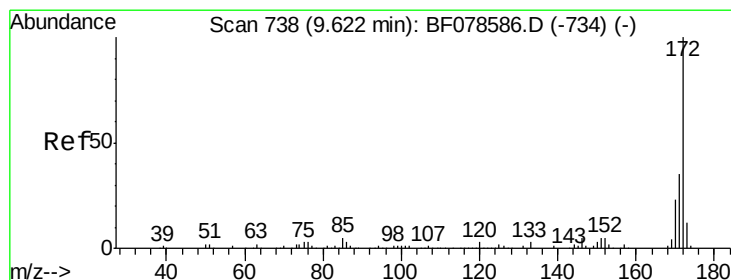
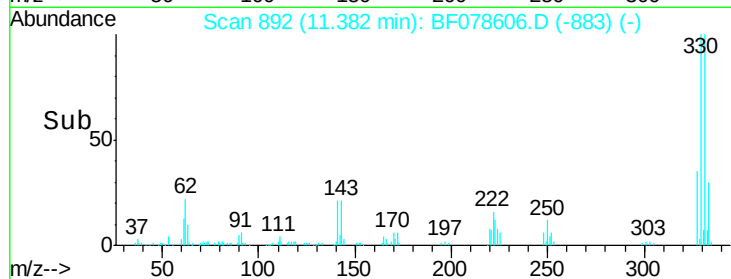
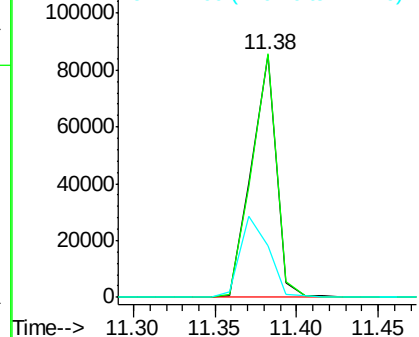
#41
 2,4,6-Tribromophenol
 Concen: 166.64 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tot Ion:330 Resp: 91204
 Ion Ratio Lower Upper
 330 100
 332 99.0 78.6 117.8
 141 37.9 31.2 46.8

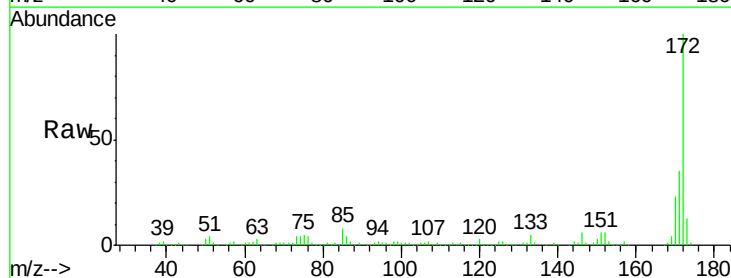


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

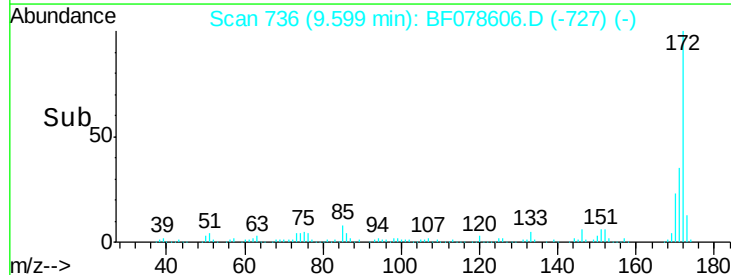
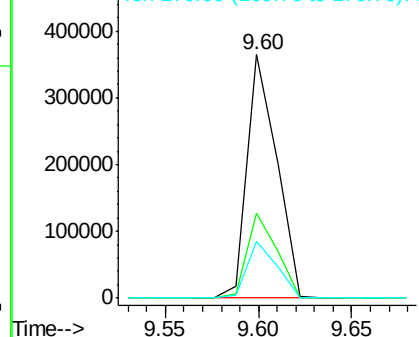


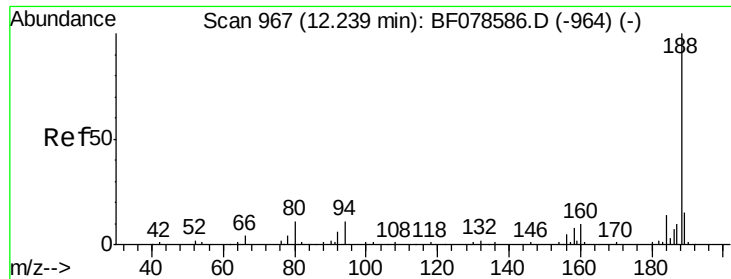
#44
 2-Fluorobiphenyl
 Concen: 87.00 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Tgt Ion:172 Resp: 401649
 Ion Ratio Lower Upper
 172 100
 171 34.9 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

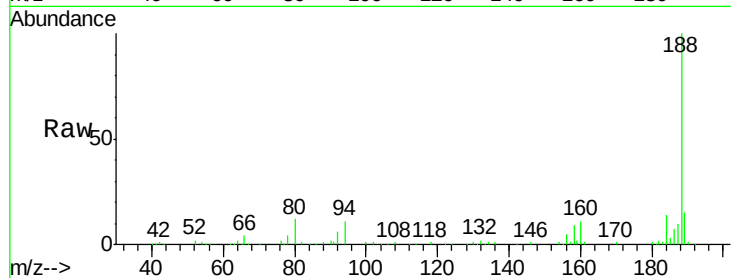




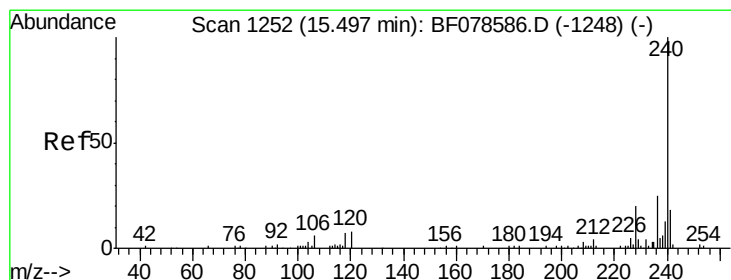
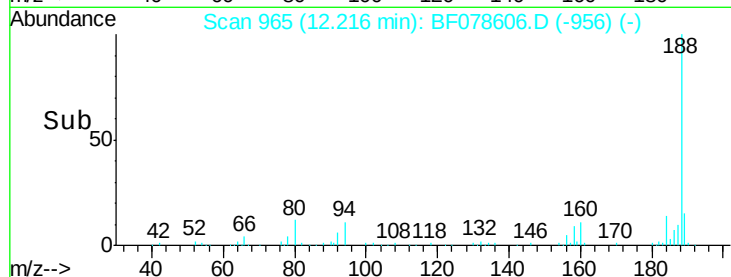
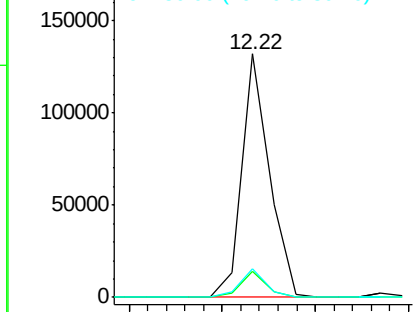
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:188 Resp: 135273
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.0 13.4
 80 11.8 9.5 14.3

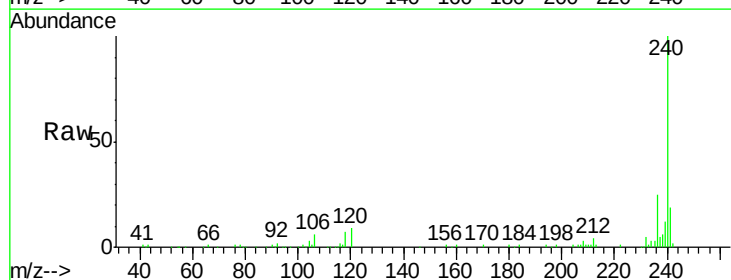


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

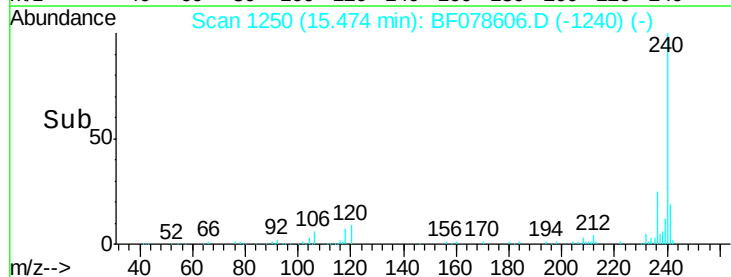
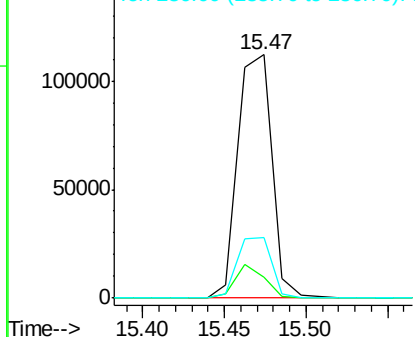


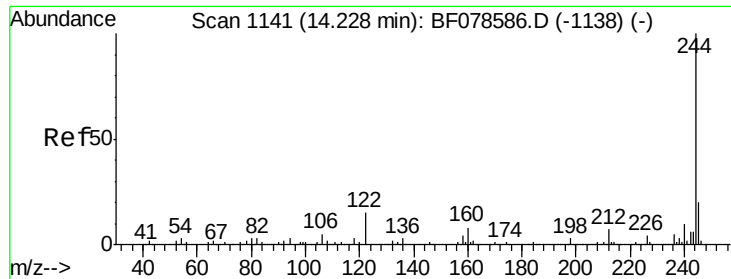
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Tgt Ion:240 Resp: 161722
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.1 10.7
 236 25.1 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

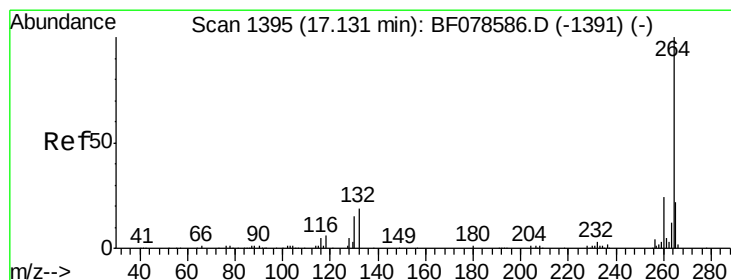
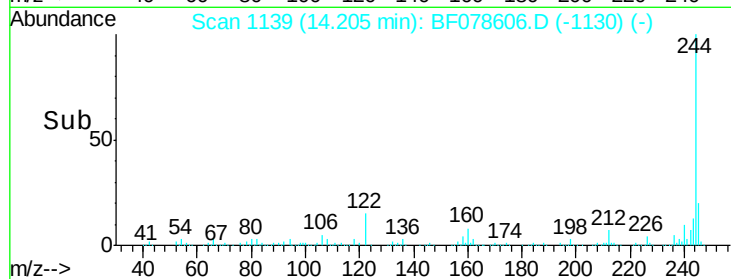
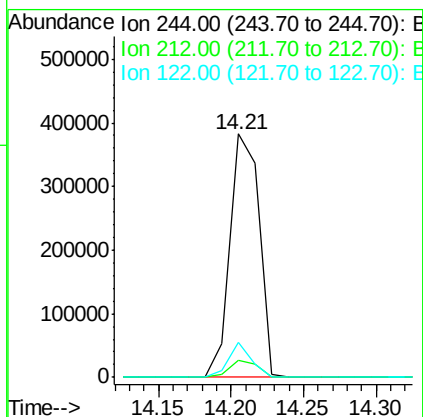
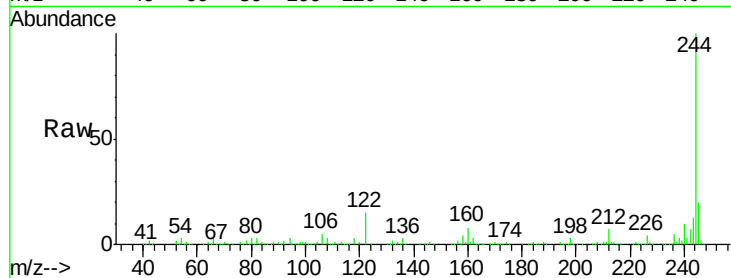




#78
 Terphenyl-d14
 Concen: 74.66 ng
 RT: 14.21 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tot Ion:244 Resp: 534322
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 14.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.21 min Scan# 1402
 Delta R.T. 0.06 min
 Lab File: BF078606.D
 Acq: 17 Apr 2015 15:37

Tgt Ion:264 Resp: 154708
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 20.9 17.0 25.6

