

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083853.D
 Acq On : 16 Dec 2015 17:33
 Operator : UM/SJ
 Sample : G4793-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-121115

Quant Time: Dec 17 04:04:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

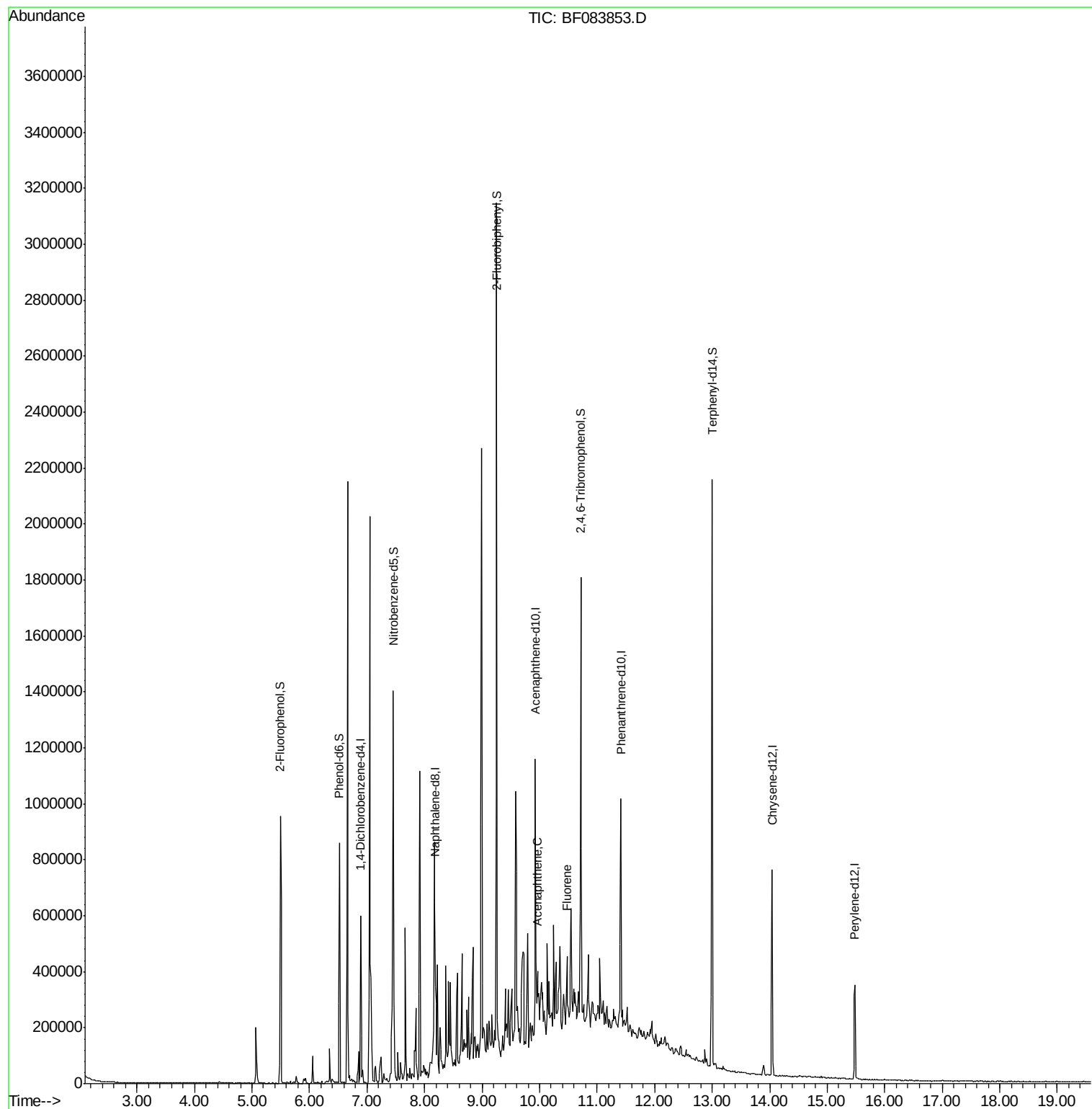
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87337	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	345391	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	177437	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	306443	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	254205	20.00	ng	-0.03
86) Perylene-d12	15.48	264	182964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	361830	66.84	ng	-0.03
7) Phenol-d6	6.52	99	312523	45.59	ng	-0.02
23) Nitrobenzene-d5	7.46	82	595195	96.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	240088	132.79	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	950513	76.03	ng	-0.03
78) Terphenyl-d14	13.00	244	1012633	85.69	ng	-0.02
Target Compounds						Qvalue
51) Acenaphthene	9.96	154	44847	3.80	ng	93
57) Fluorene	10.48	166	65443	5.31	ng	98

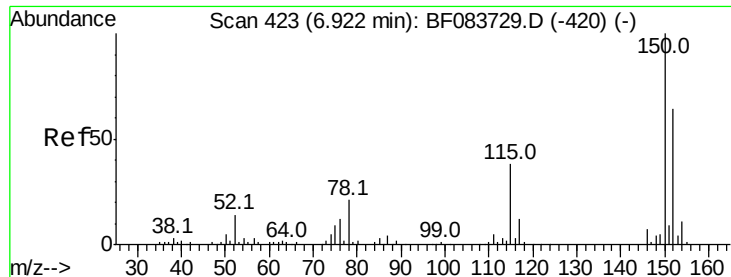
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083853.D
Acq On : 16 Dec 2015 17:33
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02-121115

Quant Time: Dec 17 04:04:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083853.D

Acq: 16 Dec 2015 17:33

Instrument :

BNA_F

ClientSampleId :

MW-02-121115

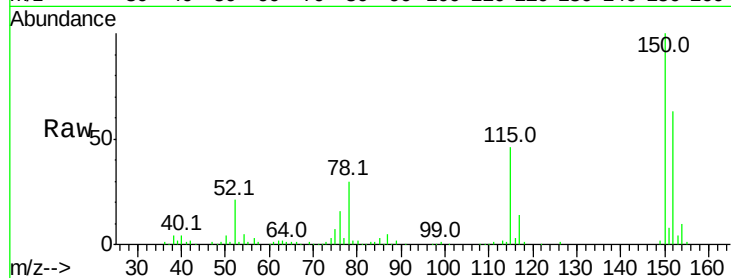
Tot Ion:152 Resp: 87337

Ion Ratio Lower Upper

152 100

150 158.6 126.5 189.7

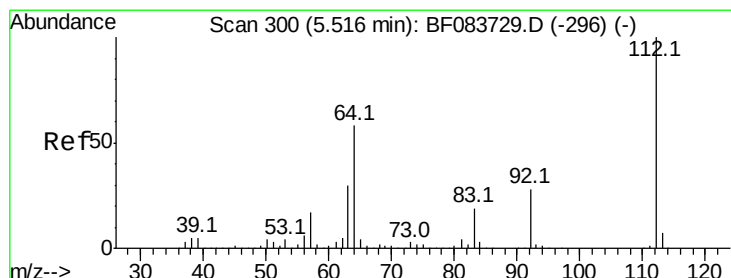
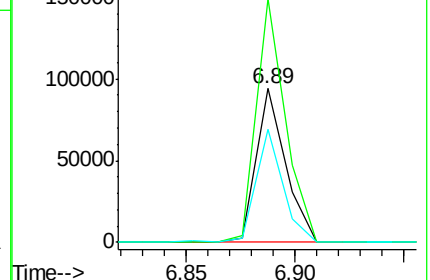
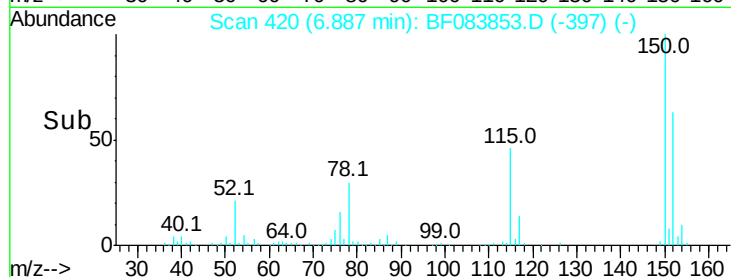
115 73.7 52.3 78.5



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: 66.84 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.03 min

Lab File: BF083853.D

Acq: 16 Dec 2015 17:33

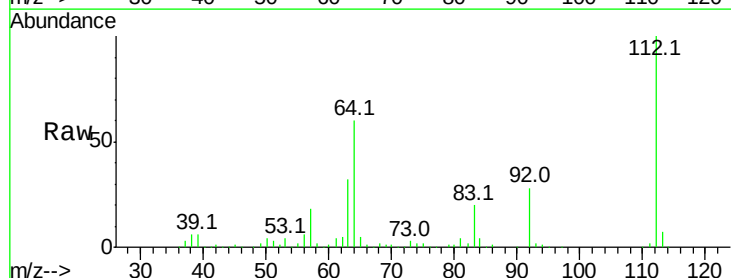
Tgt Ion:112 Resp: 361830

Ion Ratio Lower Upper

112 100

64 60.5 50.5 75.7

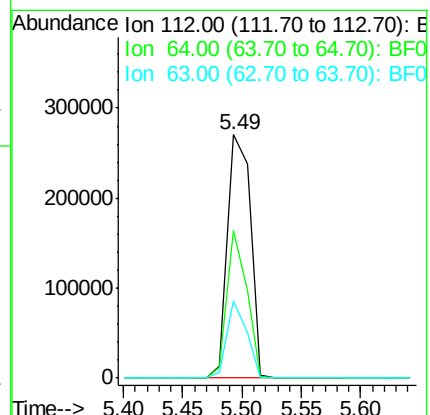
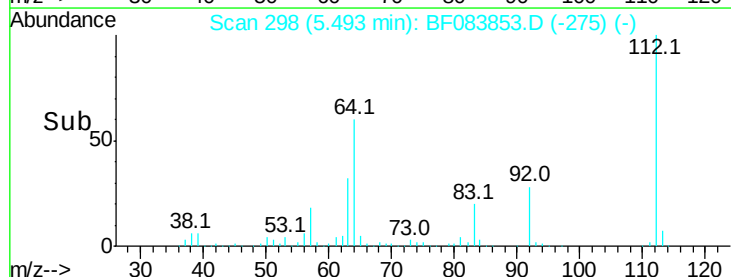
63 31.8 25.8 38.6

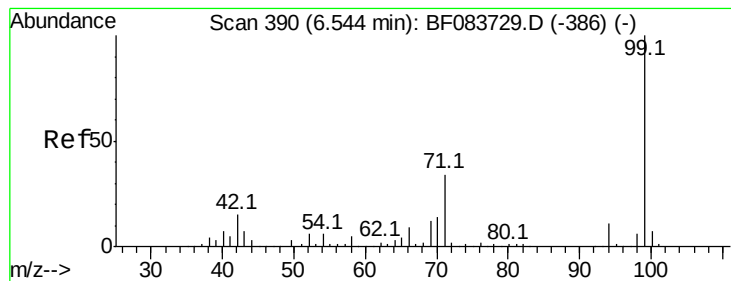


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.59 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083853.D

Acq: 16 Dec 2015 17:33

Instrument :

BNA_F

ClientSampleId :

MW-02-121115

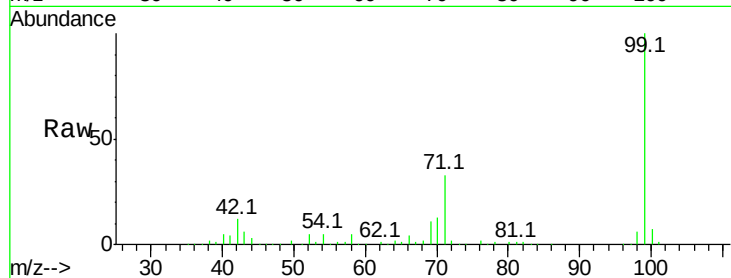
Tot Ion: 99 Resp: 312523

Ion Ratio Lower Upper

99 100

42 12.4 17.3 25.9#

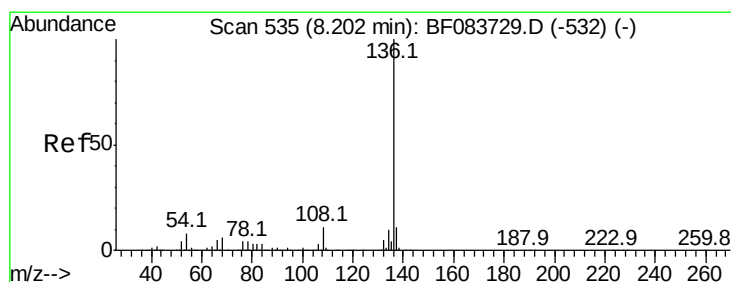
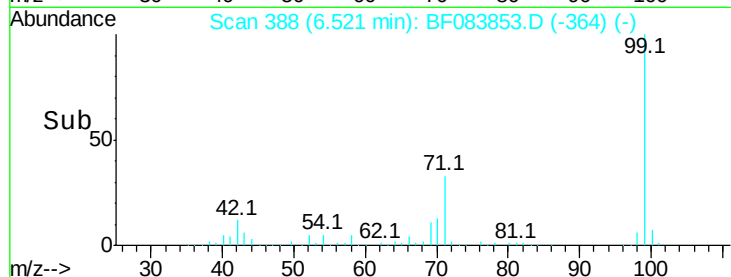
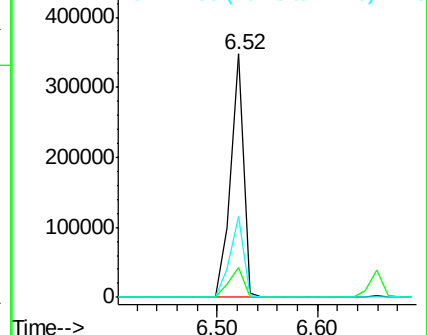
71 33.3 26.6 40.0



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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083853.D

Acq: 16 Dec 2015 17:33

Tgt Ion: 136 Resp: 345391

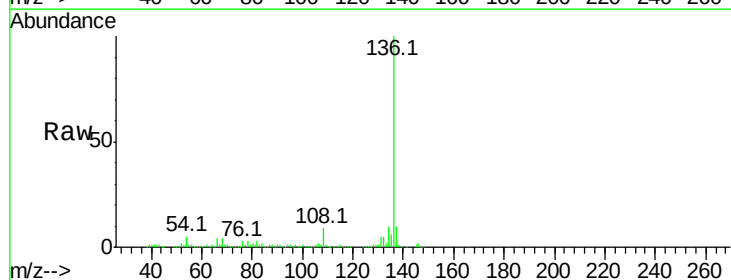
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 4.7 7.8 11.6#

68 4.3 5.7 8.5#

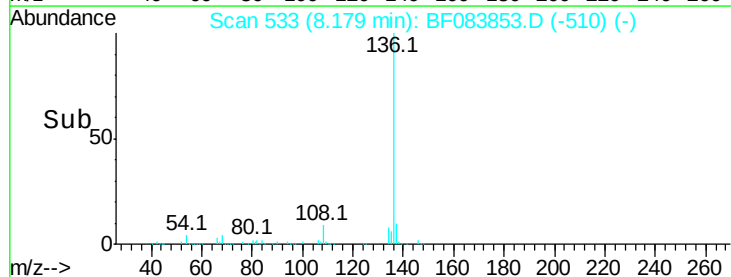
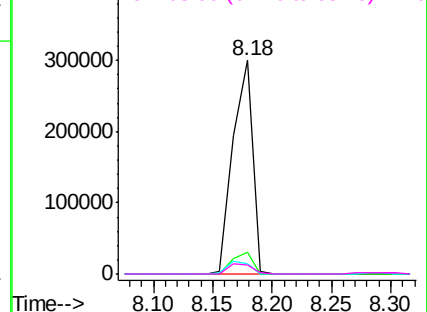


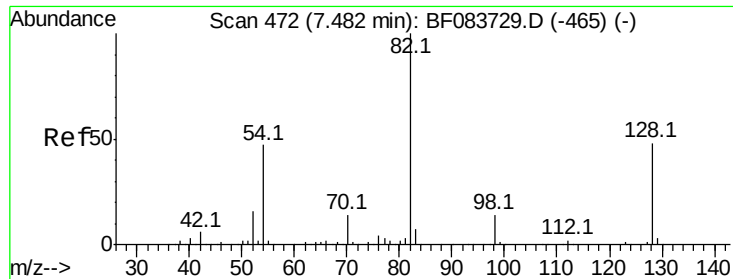
Abundance Ion 136.00 (135.70 to 136.70): E

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

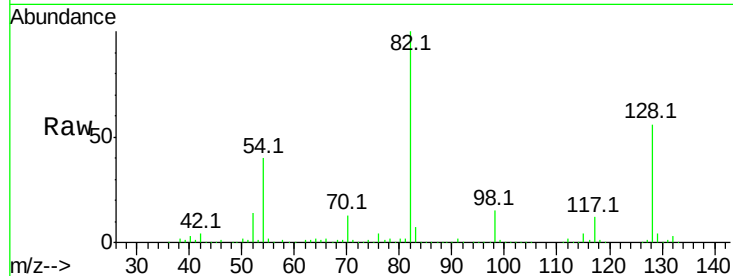




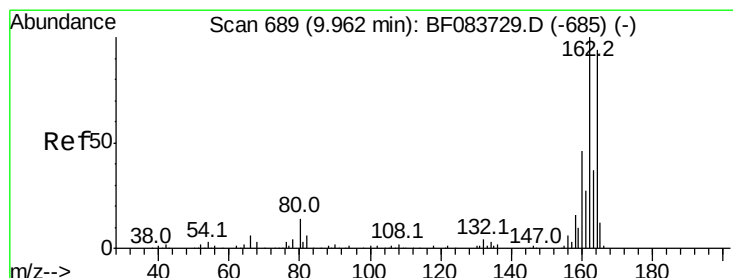
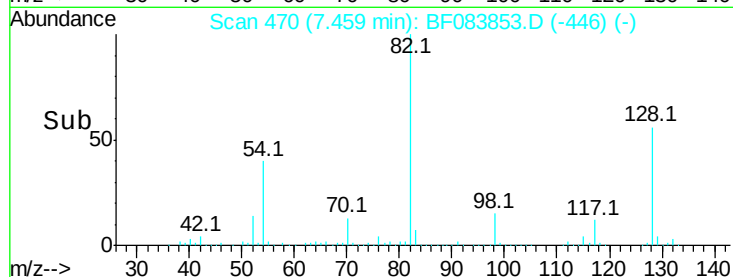
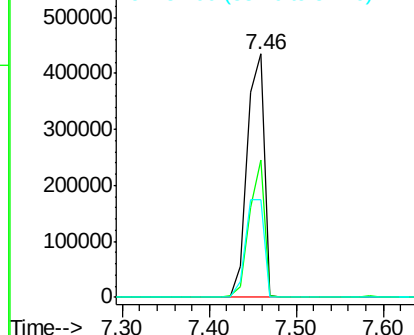
#23
 Nitrobenzene-d5
 Concen: 96.41 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083853.D
 Acq: 16 Dec 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-121115

Tot Ion: 82 Resp: 595195
 Ion Ratio Lower Upper
 82 100
 128 56.5 30.7 46.1#
 54 40.0 42.5 63.7#

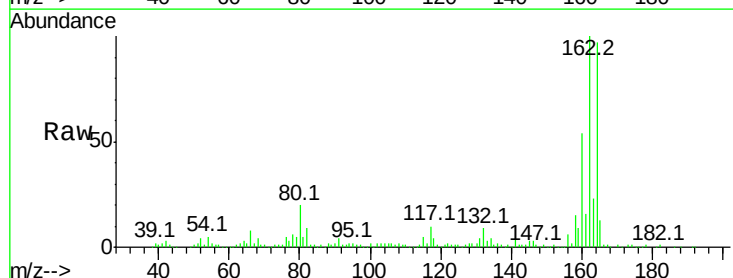


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

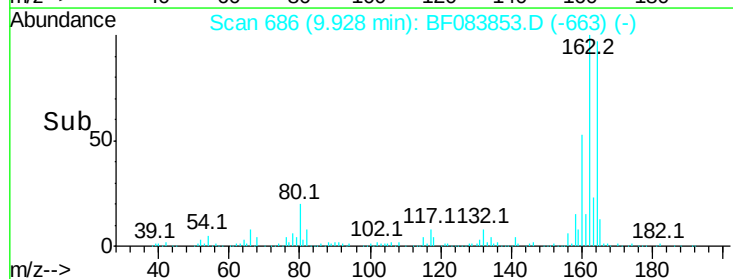
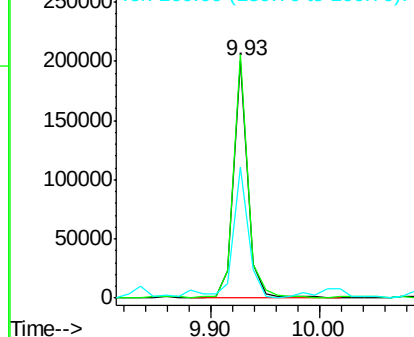


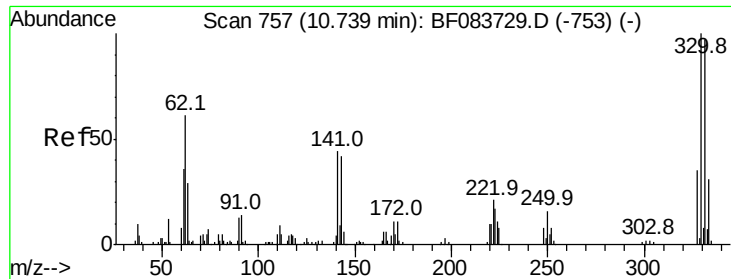
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083853.D
 Acq: 16 Dec 2015 17:33

Tgt Ion:164 Resp: 177437
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 55.2 33.4 50.2#



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

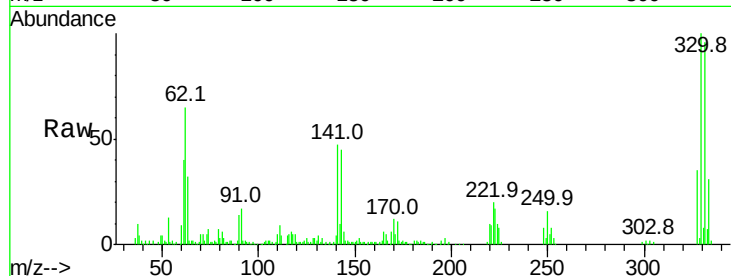




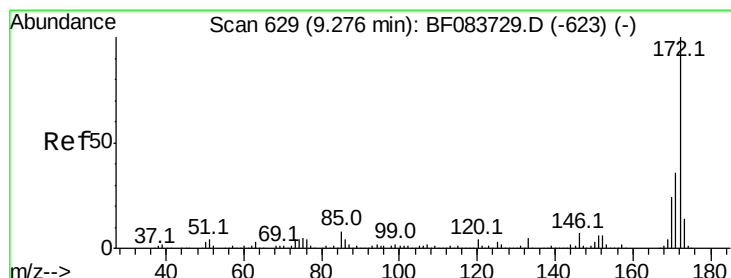
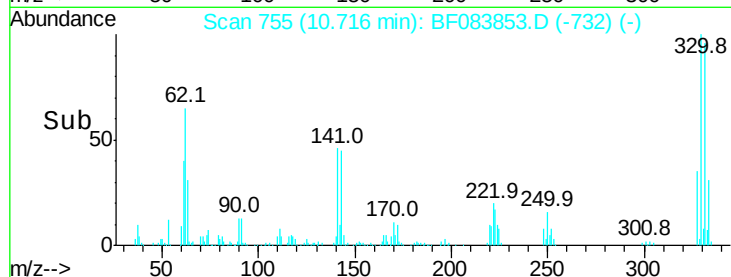
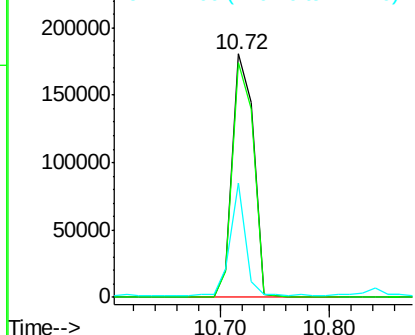
#41
 2,4,6-Tribromophenol
 Concen: 132.79 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083853.D
 Acq: 16 Dec 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-121115

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	33.8	0.0	0.0#

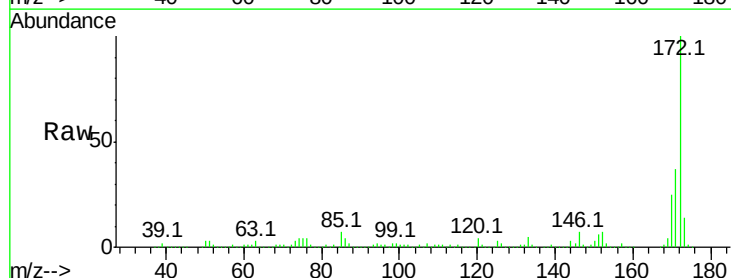


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

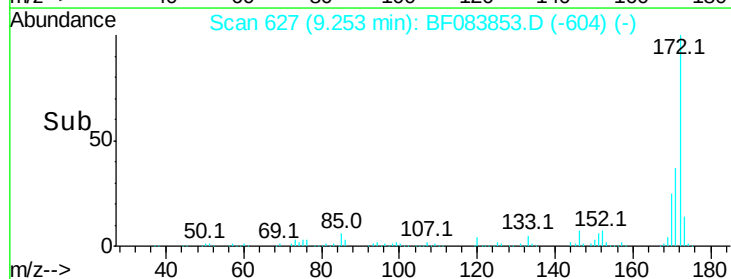
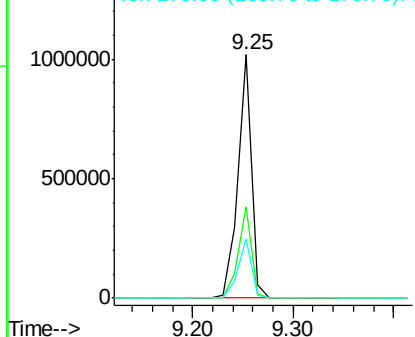


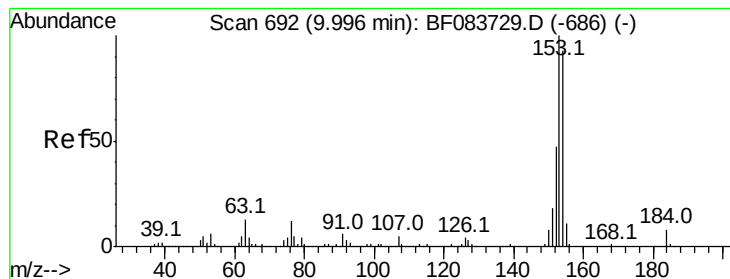
#44
 2-Fluorobiphenyl
 Concen: 76.03 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083853.D
 Acq: 16 Dec 2015 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	42.8
170	24.6	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: 3.80 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.03 min

Lab File: BF083853.D

Acq: 16 Dec 2015 17:33

Instrument :

BNA_F

ClientSampleId :

MW-02-121115

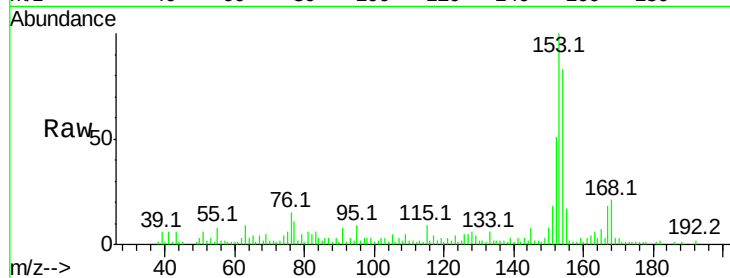
Tot Ion:154 Resp: 44847

Ion Ratio Lower Upper

154 100

153 120.3 91.4 137.0

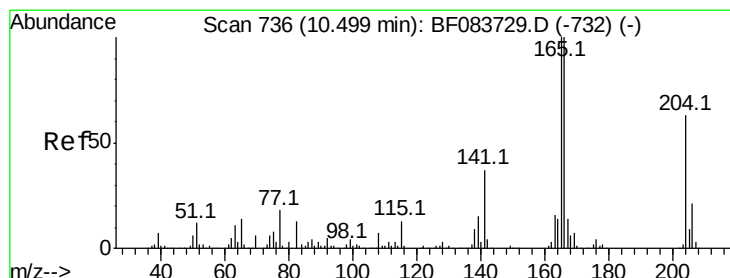
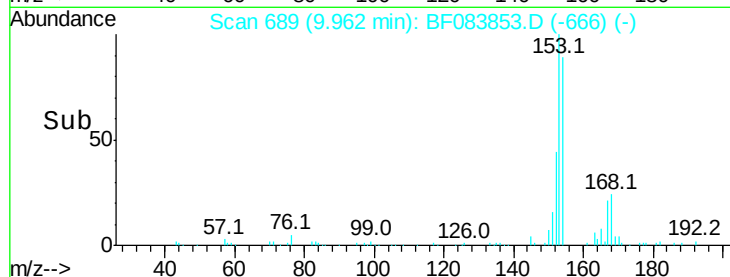
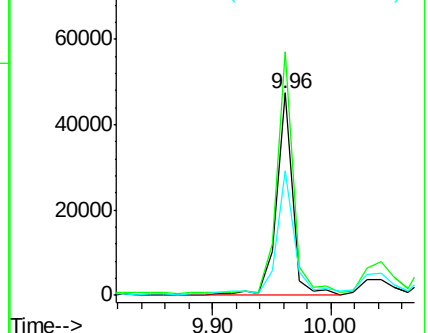
152 61.2 43.4 65.2



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: 5.31 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF083853.D

Acq: 16 Dec 2015 17:33

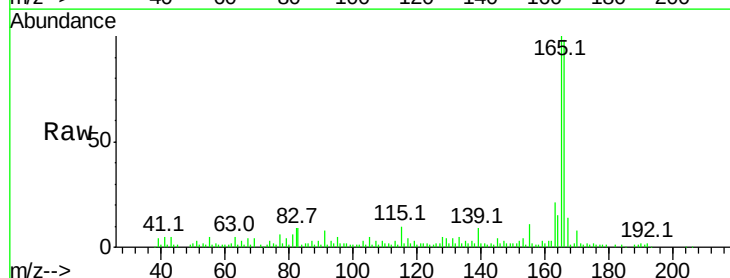
Tgt Ion:166 Resp: 65443

Ion Ratio Lower Upper

166 100

165 101.8 80.0 120.0

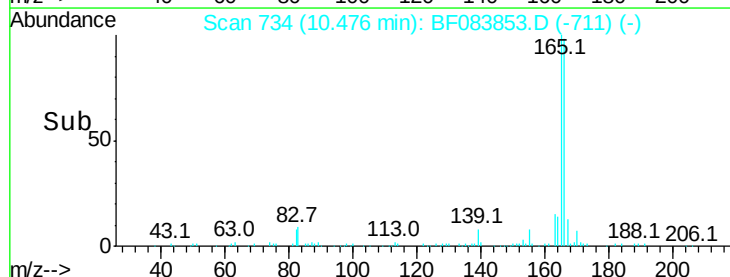
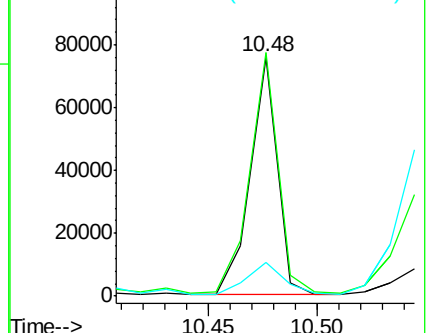
167 14.0 10.6 16.0

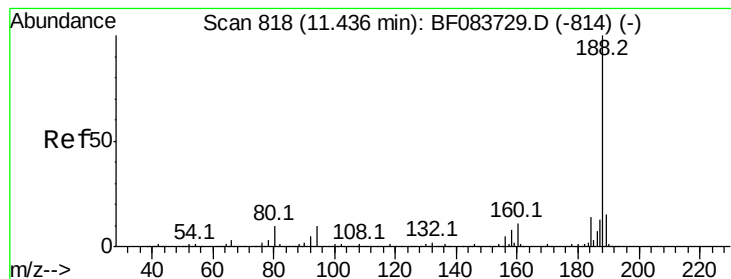


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083853.D

Acq: 16 Dec 2015 17:33

Instrument :

BNA_F

ClientSampleId :

MW-02-121115

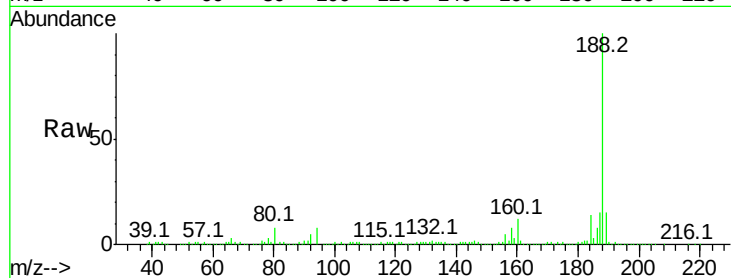
Tot Ion:188 Resp: 306443

Ion Ratio Lower Upper

188 100

94 8.2 9.4 14.2#

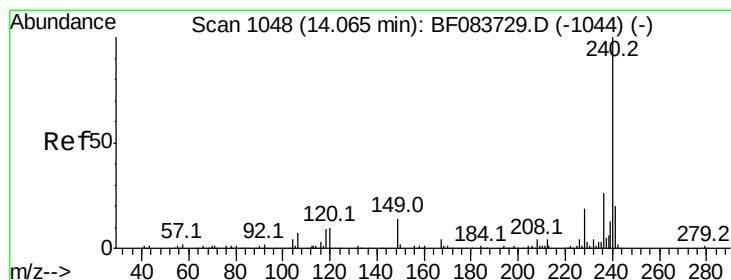
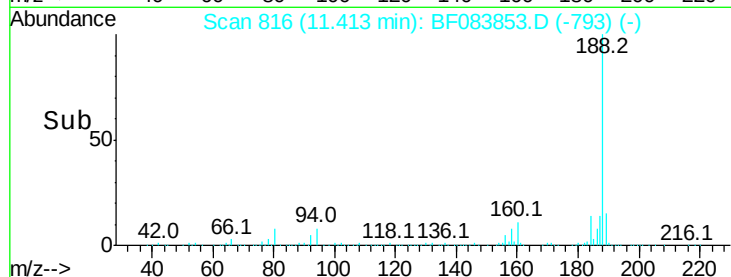
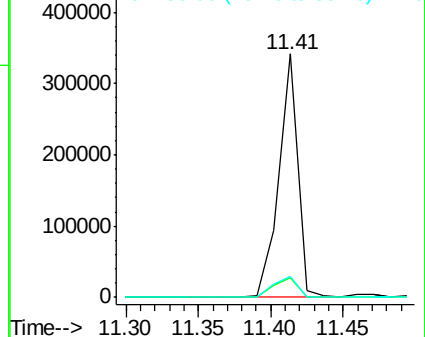
80 8.4 10.6 16.0#



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: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083853.D

Acq: 16 Dec 2015 17:33

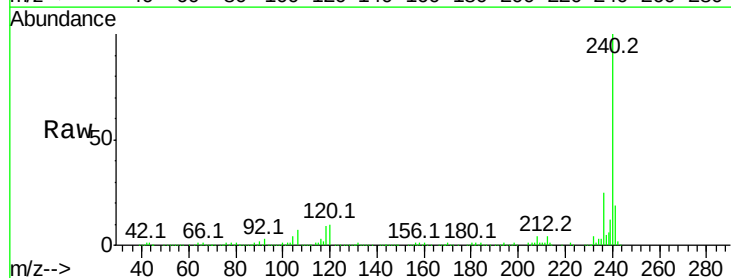
Tgt Ion:240 Resp: 254205

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

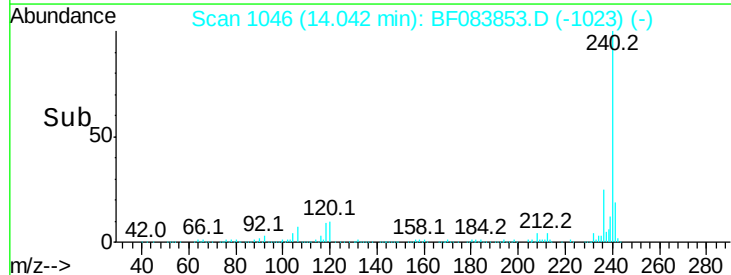
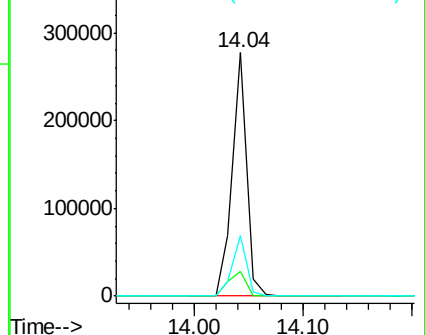
236 25.1 20.8 31.2

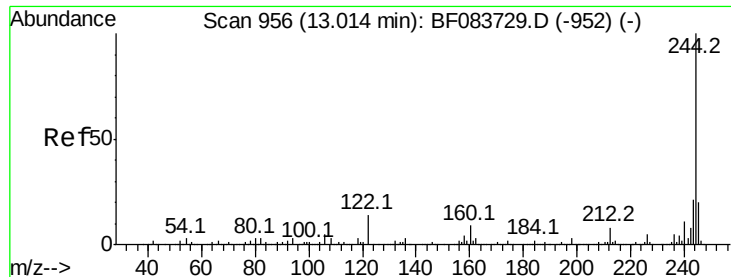


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



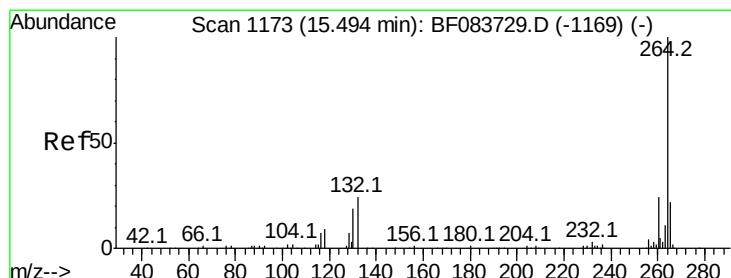
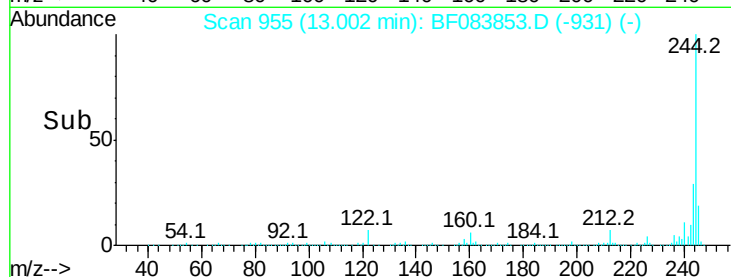
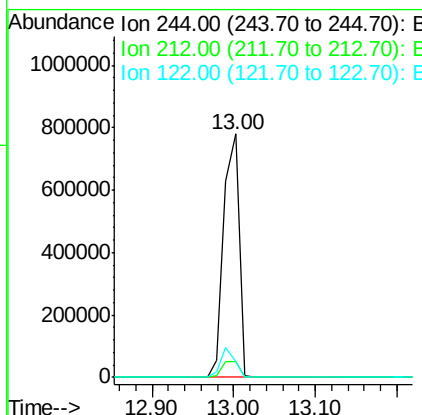
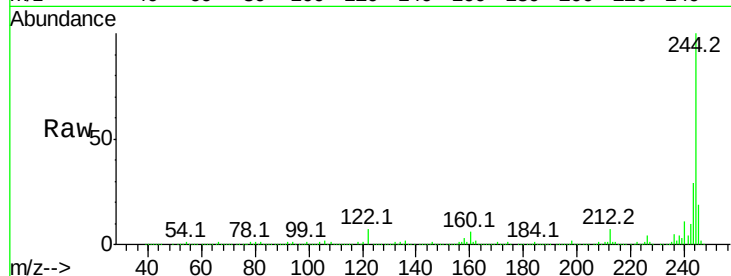


#78
 Terphenyl-d14
 Concen: 85.69 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083853.D
 Acq: 16 Dec 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-121115

Tot Ion:244 Resp: 1012633

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	6.6	11.0	16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083853.D
 Acq: 16 Dec 2015 17:33

Tgt Ion:264 Resp: 182964

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	20.9	17.8	26.6

