

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077983.D
 Acq On : 26 Mar 2015 7:51
 Operator : TP/IZ
 Sample : G1643-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-3-23-15

Quant Time: Mar 26 12:35:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

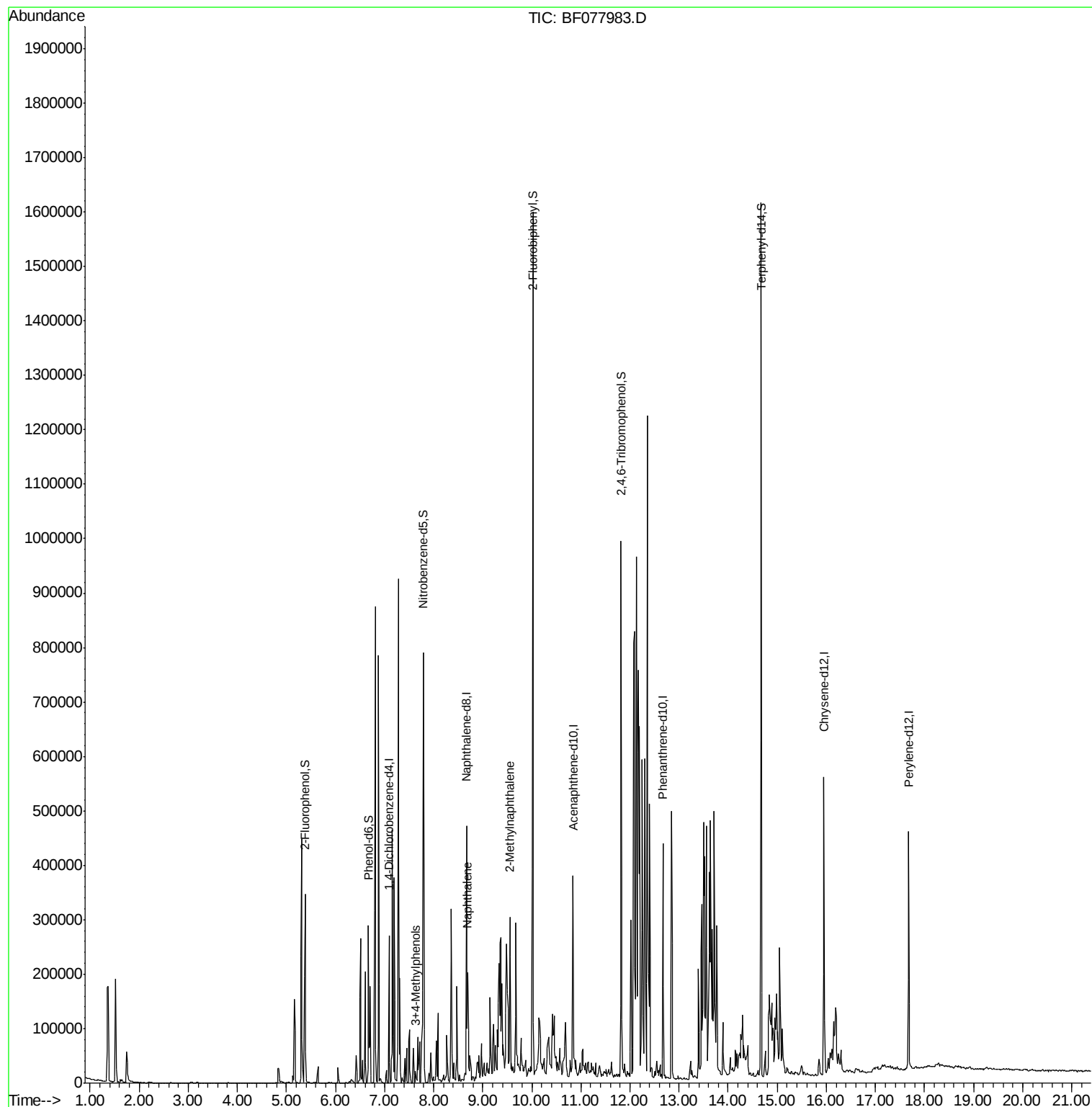
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	41173	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	177475	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	92974	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	177374	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	199132	20.00	ng	-0.02
86) Perylene-d12	17.68	264	191480	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	132910	56.35	ng	0.00
7) Phenol-d6	6.67	99	103340	35.46	ng	0.00
23) Nitrobenzene-d5	7.79	82	226225	83.56	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	97096	109.15	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	499812	79.00	ng	0.00
78) Terphenyl-d14	14.67	244	575378	70.58	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.63	107	7895m	2.63	ng	
31) Naphthalene	8.69	128	77139	8.46	ng	99
37) 2-Methylnaphthalene	9.55	142	102458	16.73	ng	98

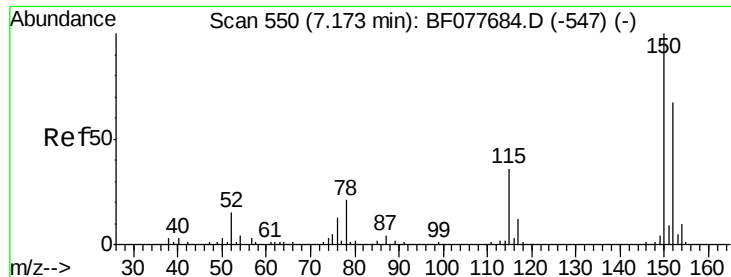
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MW-4-3-23-15

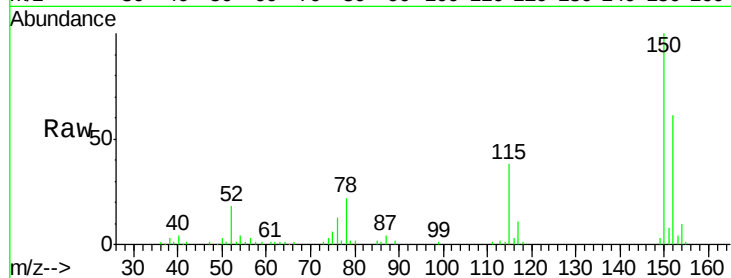
Tot Ion:152 Resp: 41173

Ion Ratio Lower Upper

152 100

150 164.1 119.5 179.3

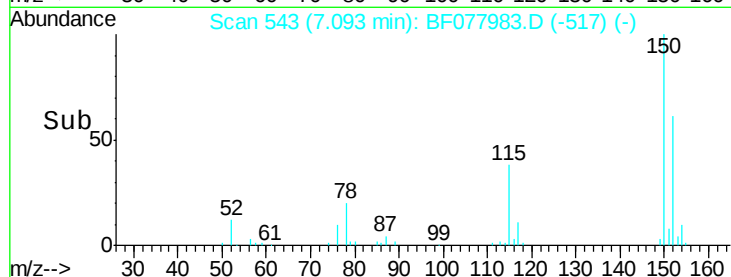
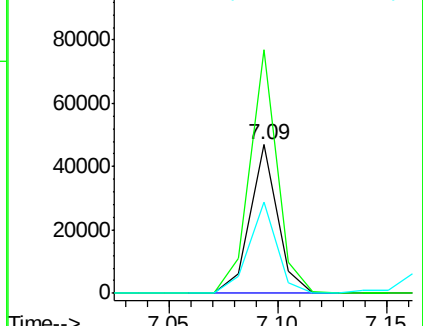
115 61.6 43.0 64.4



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: 56.35 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

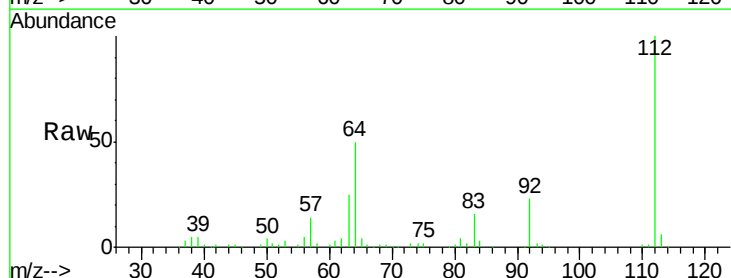
Tgt Ion:112 Resp: 132910

Ion Ratio Lower Upper

112 100

64 50.3 38.6 57.8

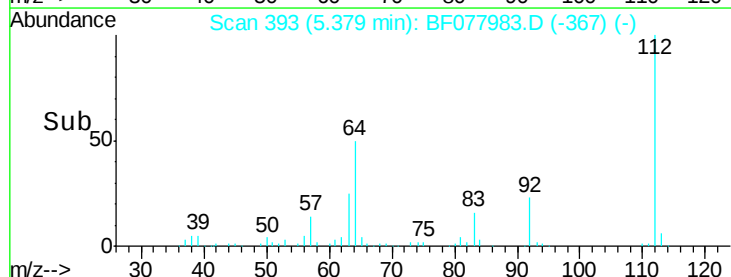
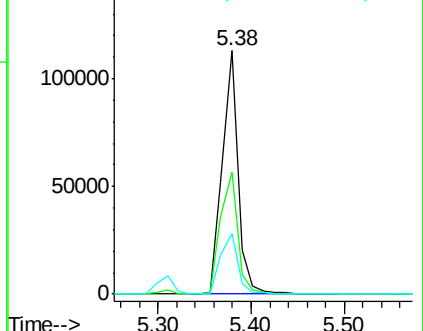
63 24.9 19.3 28.9



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: 35.46 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MW-4-3-23-15

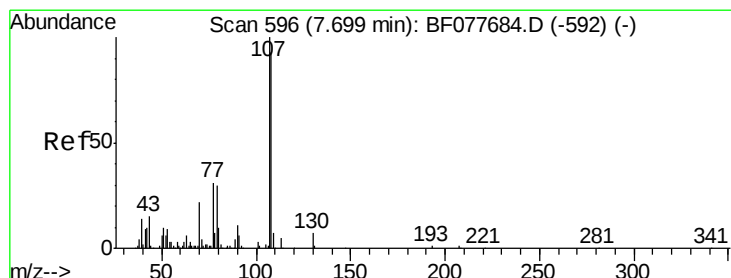
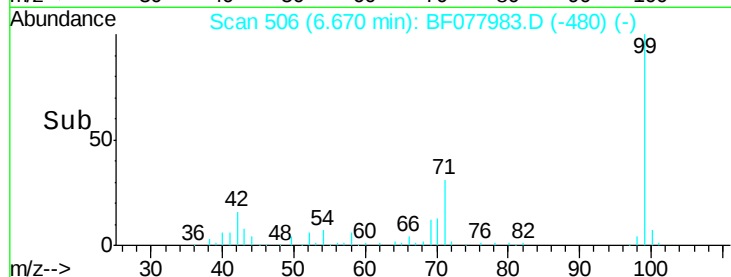
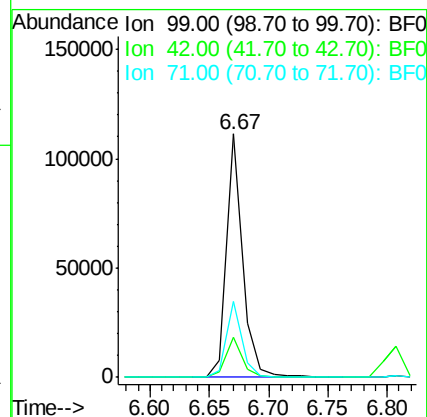
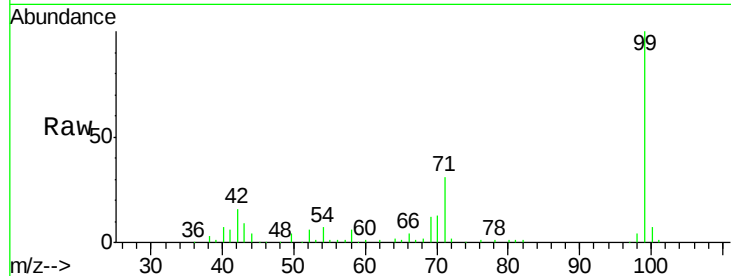
Tot Ion: 99 Resp: 103340

Ion Ratio Lower Upper

99 100

42 16.5 11.0 16.4#

71 31.5 23.4 35.2



#20

3+4-Methylphenols

Concen: 2.63 ng m

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Tgt Ion:107 Resp: 7895

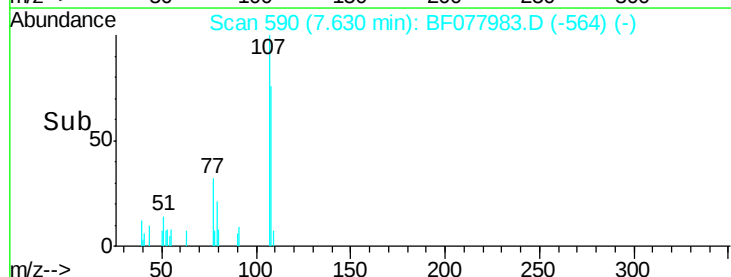
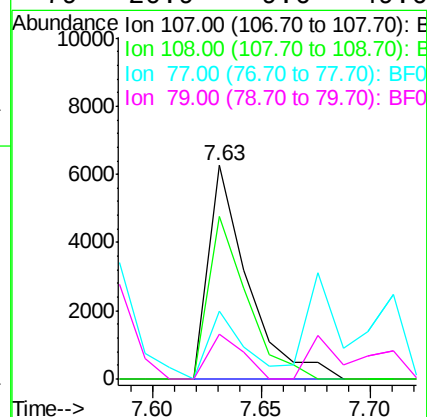
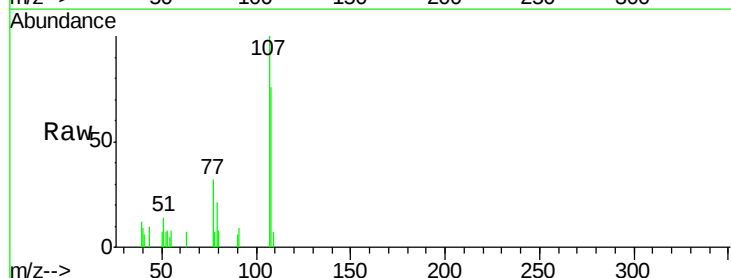
Ion Ratio Lower Upper

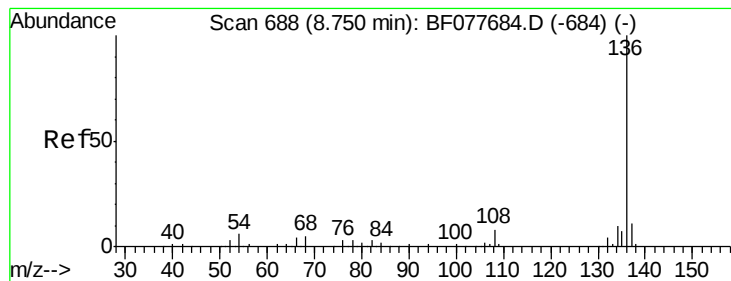
107 100

108 76.0 73.2 113.2

77 31.8 10.7 50.7

79 20.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MW-4-3-23-15

Tot Ion:136 Resp: 177475

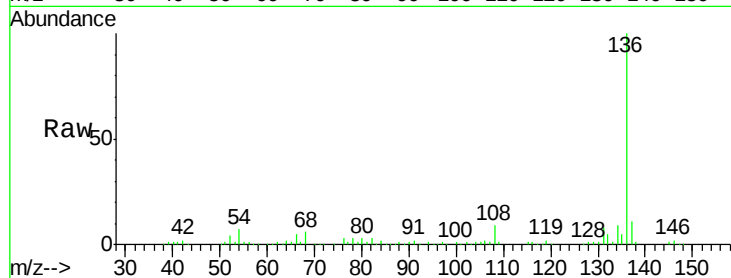
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.9 4.6 6.8#

68 5.5 3.7 5.5#

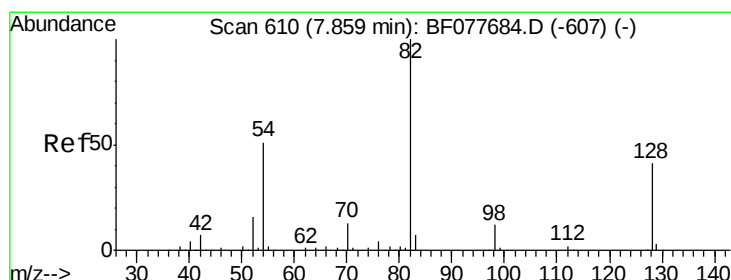
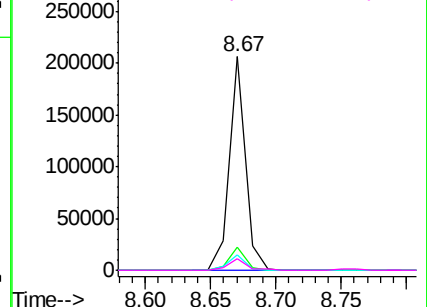
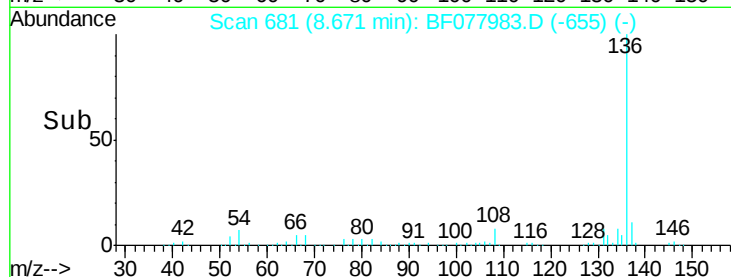


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.56 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

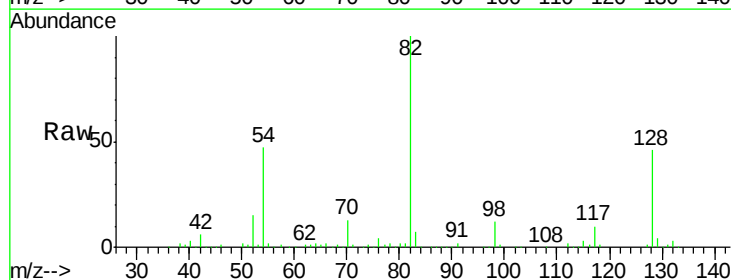
Tgt Ion: 82 Resp: 226225

Ion Ratio Lower Upper

82 100

128 46.2 32.8 49.2

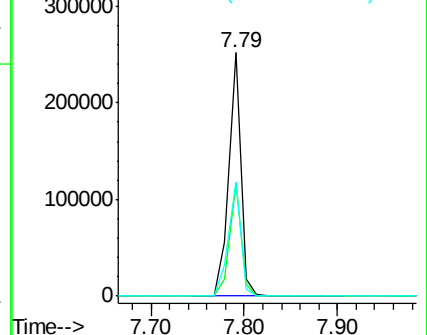
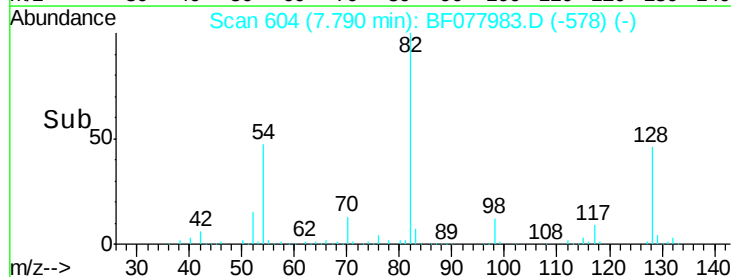
54 47.2 40.6 60.8

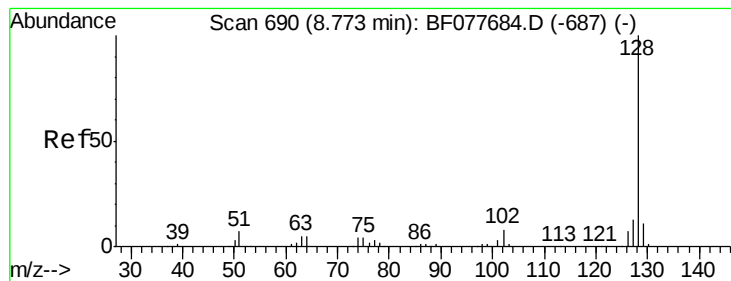


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 8.46 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MW-4-3-23-15

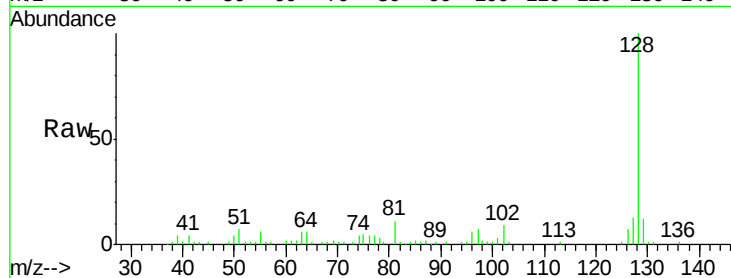
Tot Ion:128 Resp: 77139

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

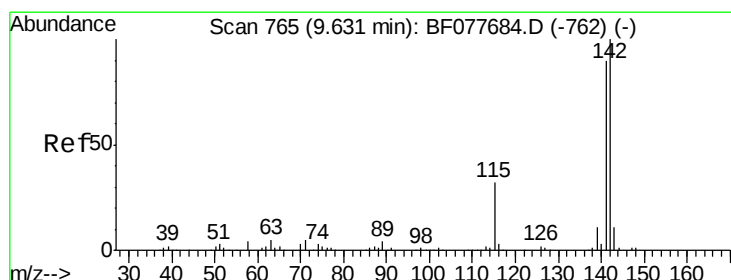
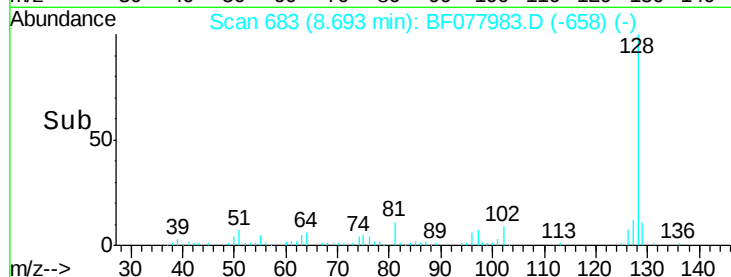
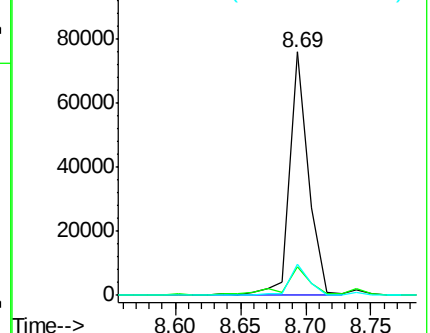
127 12.8 10.4 15.6



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



#37

2-Methylnaphthalene

Concen: 16.73 ng

RT: 9.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

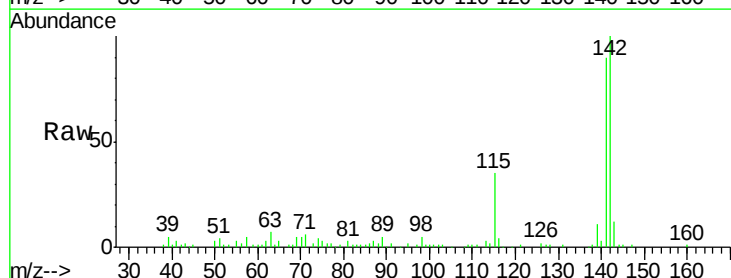
Tgt Ion:142 Resp: 102458

Ion Ratio Lower Upper

142 100

141 90.2 71.9 107.9

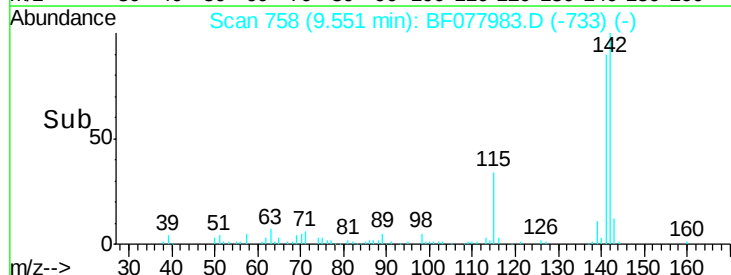
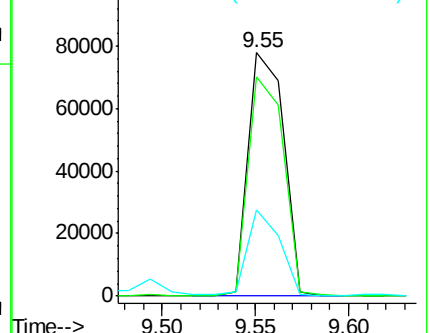
115 35.2 25.4 38.0

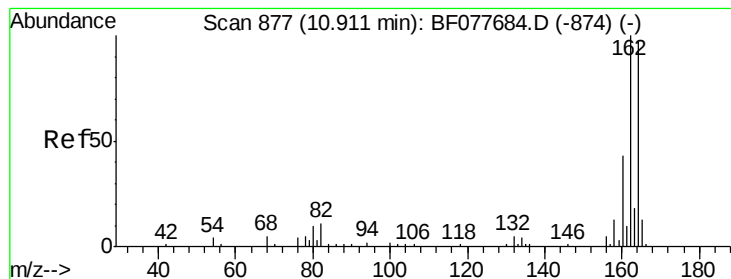


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MW-4-3-23-15

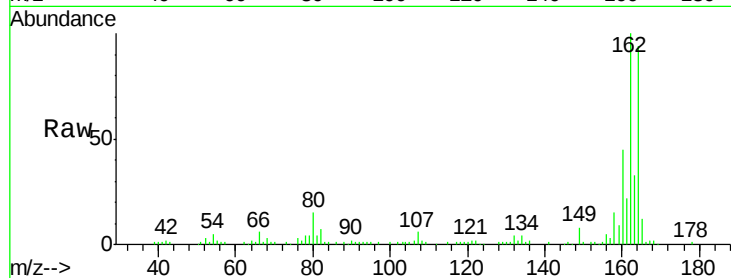
Tot Ion:164 Resp: 92974

Ion Ratio Lower Upper

164 100

162 106.8 82.4 123.6

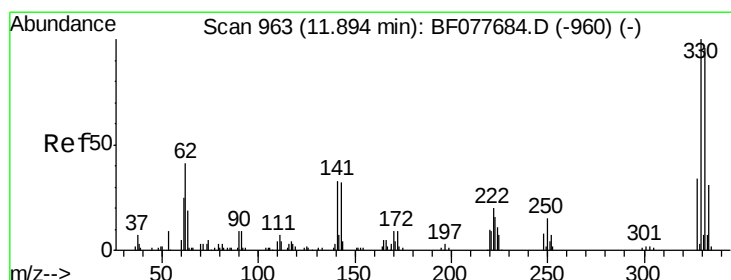
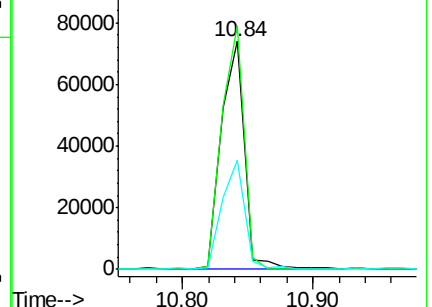
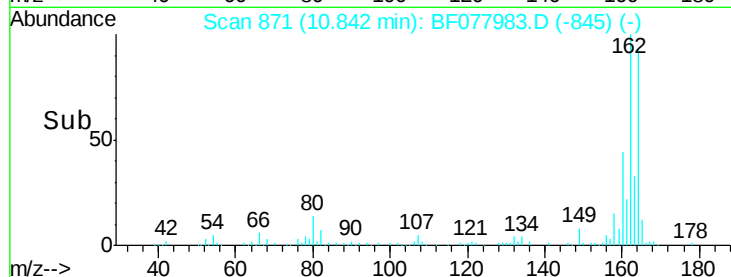
160 48.0 35.8 53.6



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: 109.15 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF077983.D

Acq: 26 Mar 2015 7:51

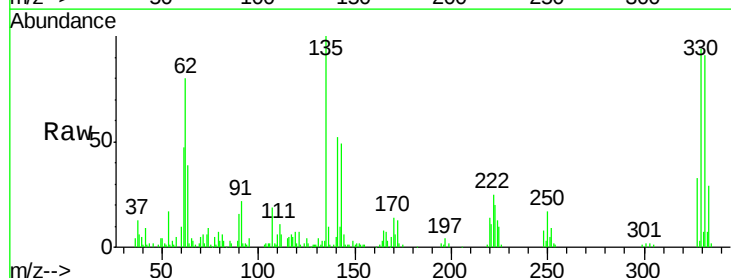
Tgt Ion:330 Resp: 97096

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

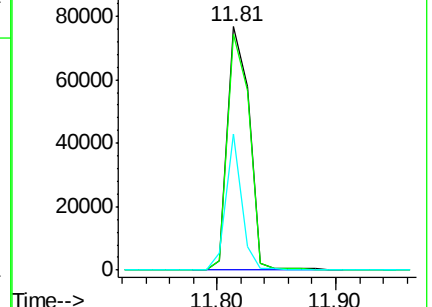
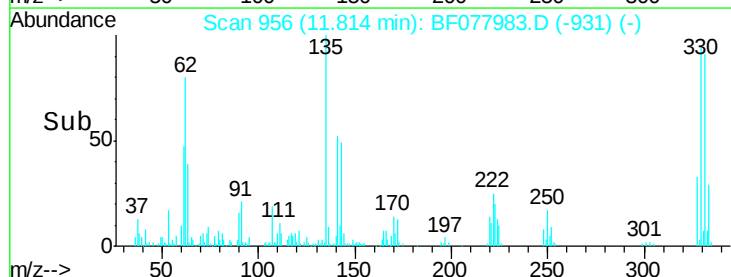
141 40.5 0.0 0.0#

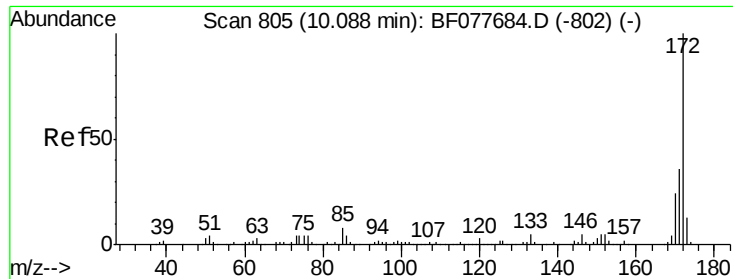


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

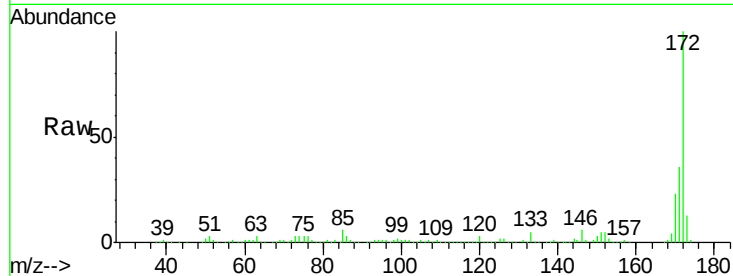




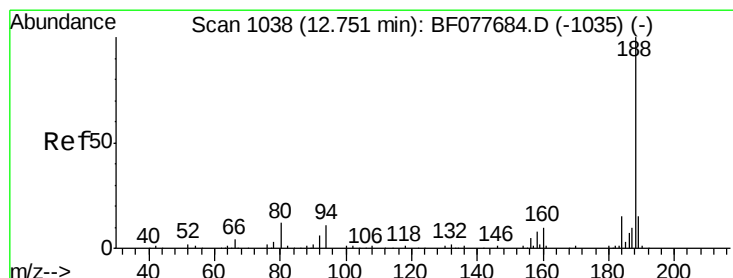
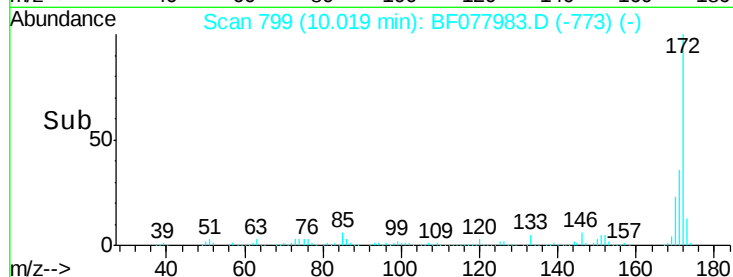
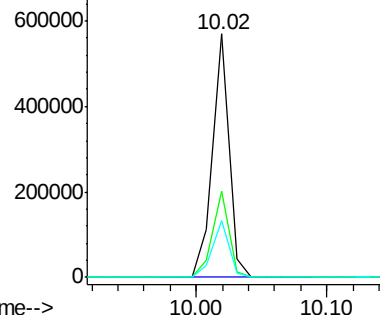
#44
 2-Fluorobiphenyl
 Concen: 79.00 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-3-23-15

Tot Ion:172 Resp: 499812
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.3 18.8 28.2

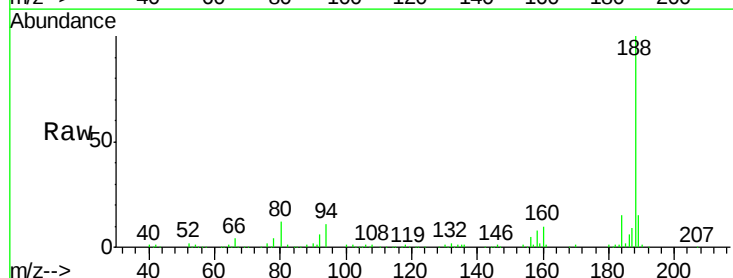


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

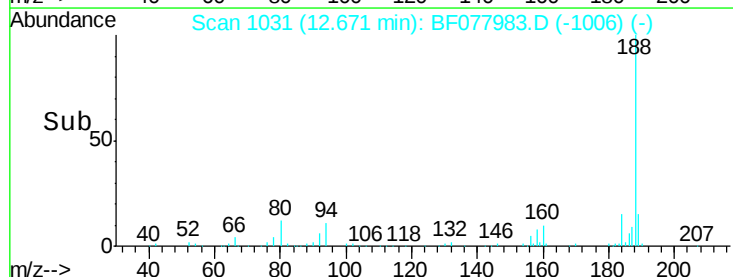
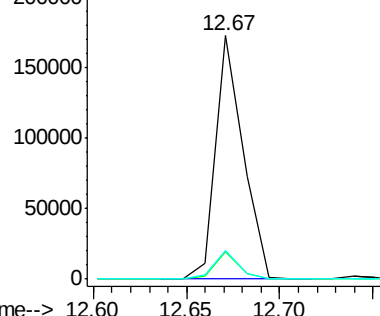


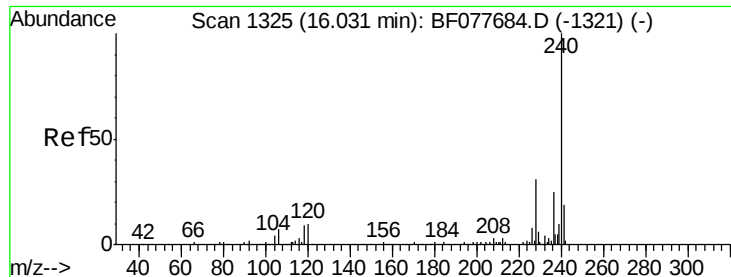
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

Tgt Ion:188 Resp: 177374
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.7 13.1
 80 11.6 9.3 13.9



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

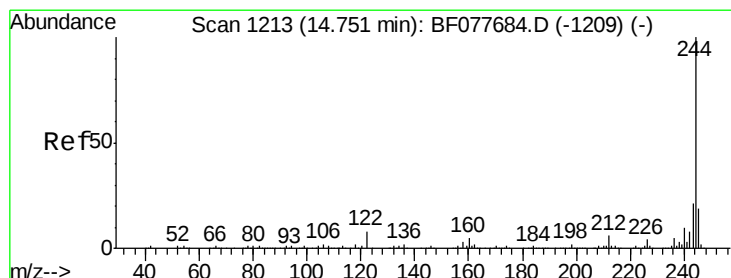
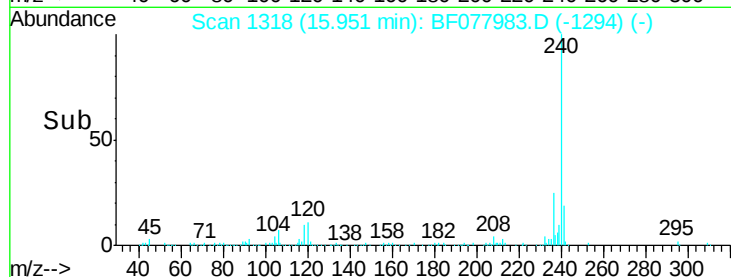
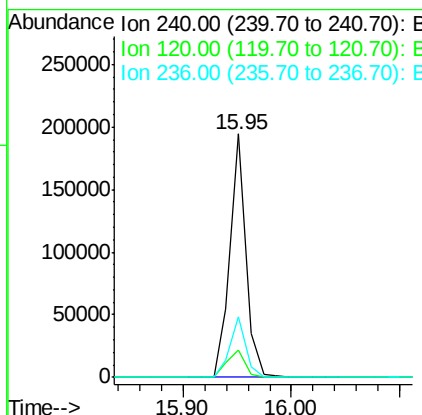
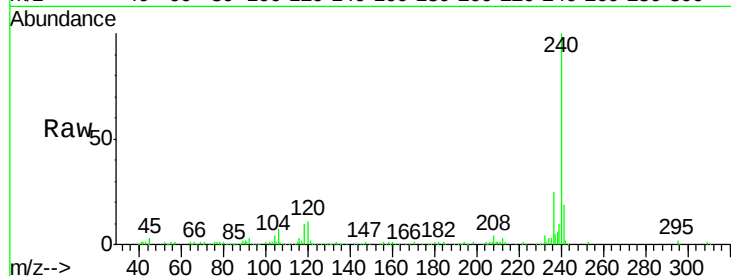




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

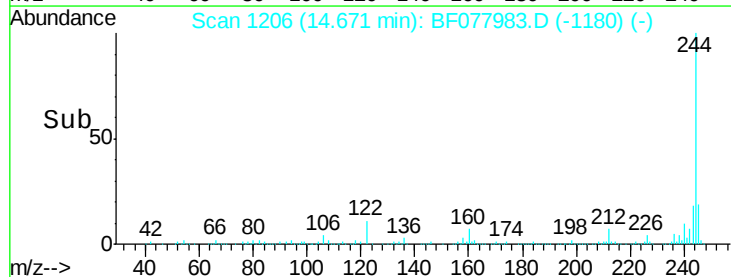
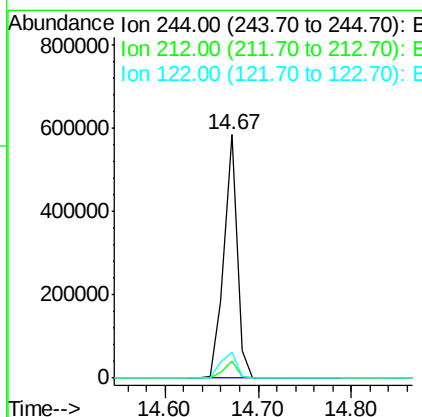
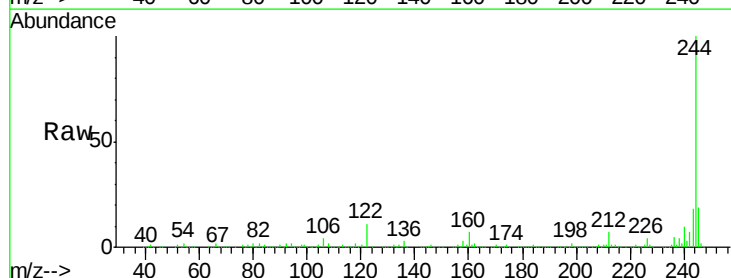
Instrument :
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 ClientSampleId :
 MW-4-3-23-15

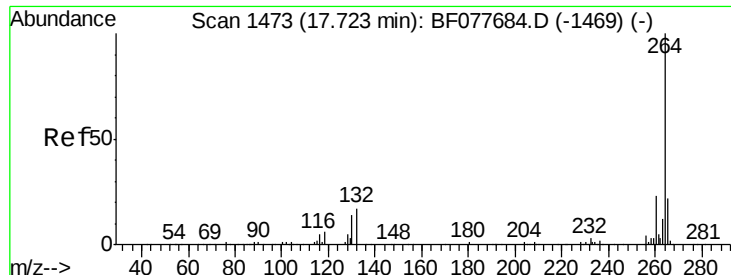
Tot Ion:240 Resp: 199132
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.2 12.2
 236 25.0 20.0 30.0



#78
 Terphenyl-d14
 Concen: 70.58 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077983.D
 Acq: 26 Mar 2015 7:51

Tgt Ion:244 Resp: 575378
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.9 7.3
 122 10.9 6.2 9.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.07 min
Lab File: BF077983.D
Acq: 26 Mar 2015 7:51

Instrument :
BNA_F
ClientSampleId :
MW-4-3-23-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.7	17.3	25.9

