

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083159.D
 Acq On : 22 Nov 2015 15:18
 Operator : UM/IZ
 Sample : G4504-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Nov 23 03:37:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

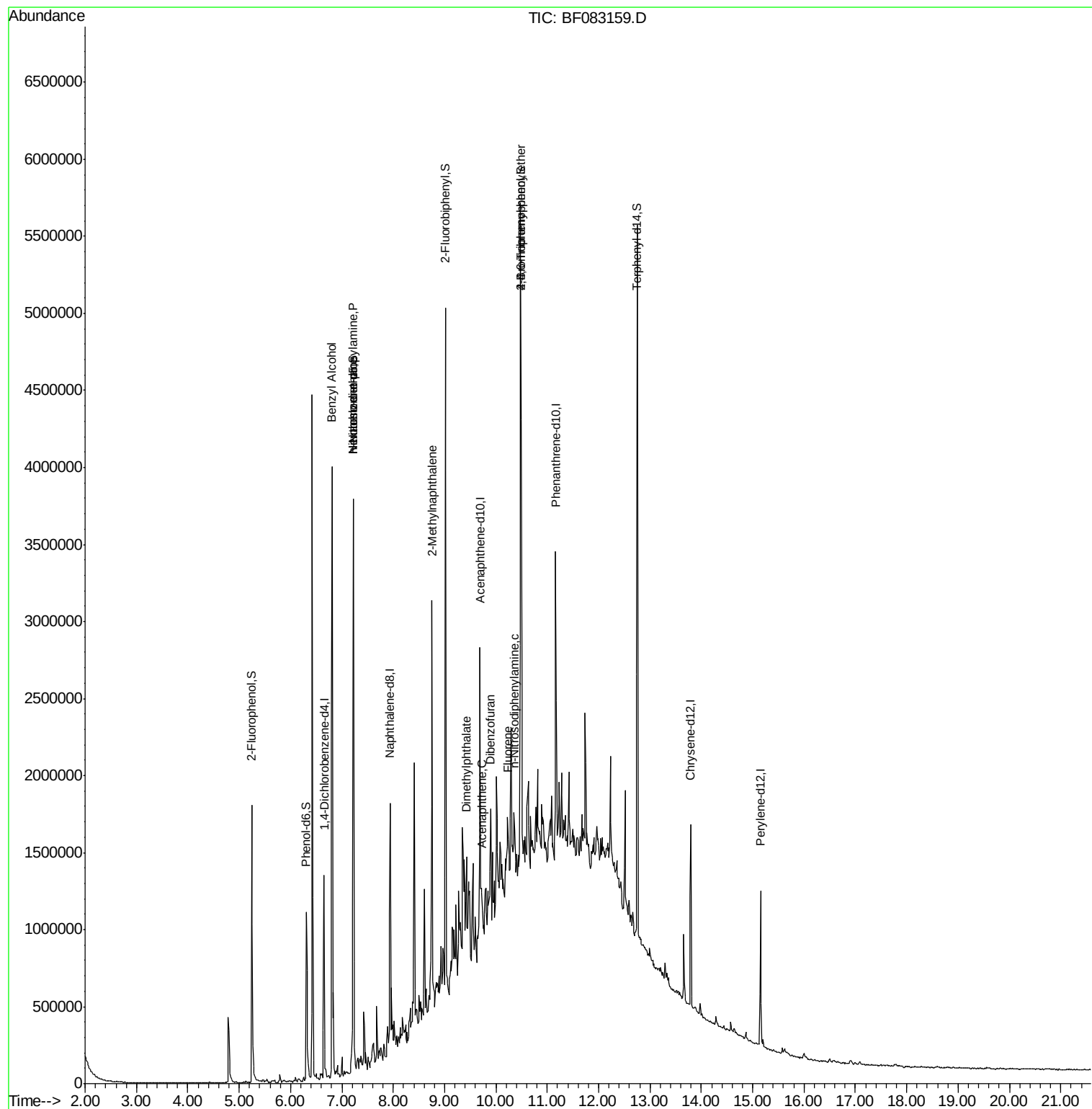
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	199833	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	760449	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	365024	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	606854	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	495246	20.00	ng	-0.01
86) Perylene-d12	15.15	264	441738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	647301	48.97	ng	-0.03
7) Phenol-d6	6.31	99	524052	30.64	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1267609	76.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	375604	100.58	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2009143	76.75	ng	-0.01
78) Terphenyl-d14	12.75	244	1552137	73.80	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.33	77	2062	Below Cal	#	1
15) Benzyl Alcohol	6.81	79	28638	2.00 ng	#	43
18) Hexachloroethane	7.22	117	85020	14.63 ng	#	1
19) n-Nitroso-di-n-propylamine	7.22	70	179206	15.06 ng	#	77
37) 2-Methylnaphthalene	8.75	142	686117	25.76 ng		95
49) Dimethylphthalate	9.43	163	147917	5.26 ng	#	95
51) Acenaphthene	9.72	154	92137	4.00 ng		94
54) Dibenzofuran	9.90	168	77400	2.38 ng	#	66
57) Fluorene	10.23	166	57195	2.13 ng	#	84
65) n-Nitrosodiphenylamine	10.35	169	62557	3.03 ng	#	63
66) 4-Bromophenyl-phenylether	10.48	248	26042	3.87 ng	#	1

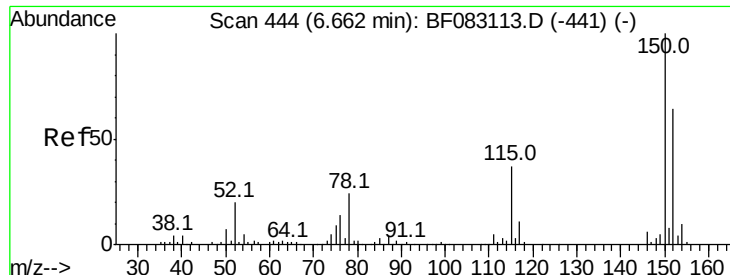
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083159.D
Acq On : 22 Nov 2015 15:18
Operator : UM/IZ
Sample : G4504-07
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

Quant Time: Nov 23 03:37:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

Instrument :

BNA_F

ClientSampleId :

MW-06

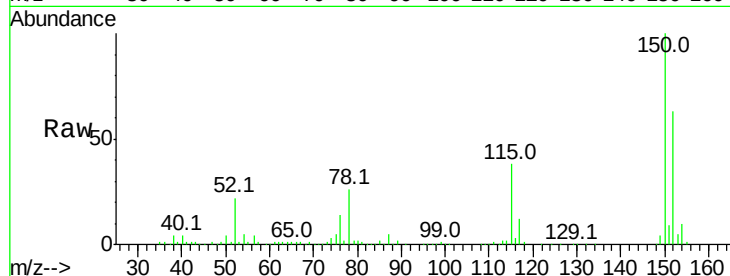
Tot Ion:152 Resp: 199833

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.8

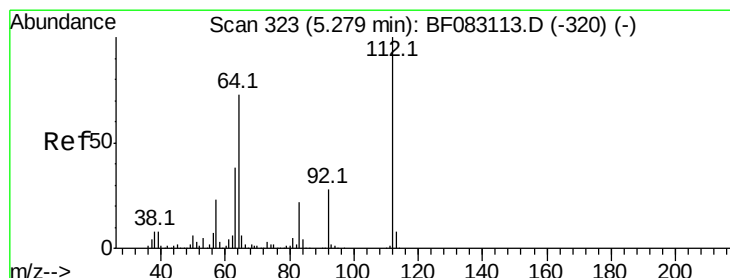
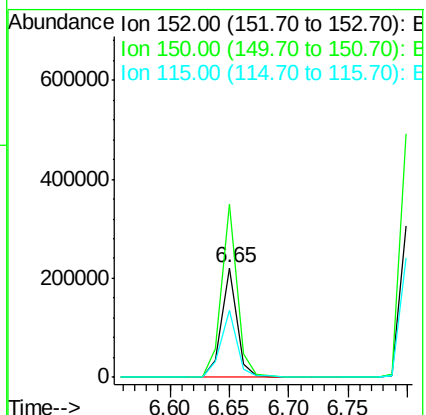
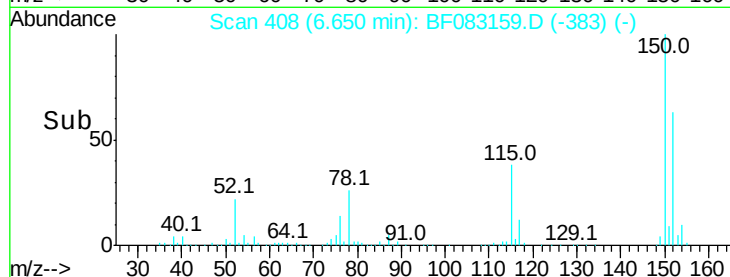
115 60.7 46.9 70.3



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: 48.97 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

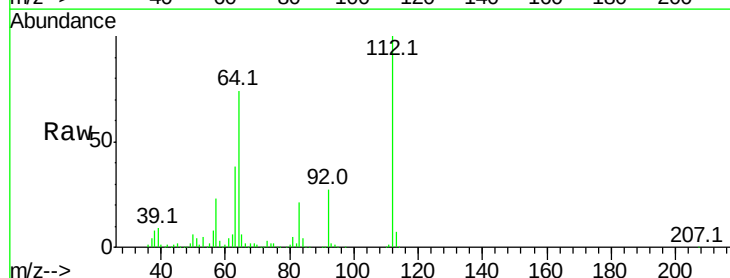
Tgt Ion:112 Resp: 647301

Ion Ratio Lower Upper

112 100

64 74.0 58.4 87.6

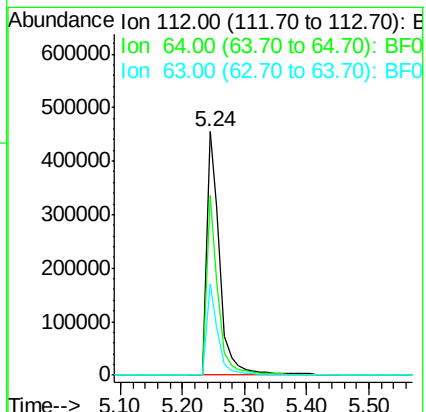
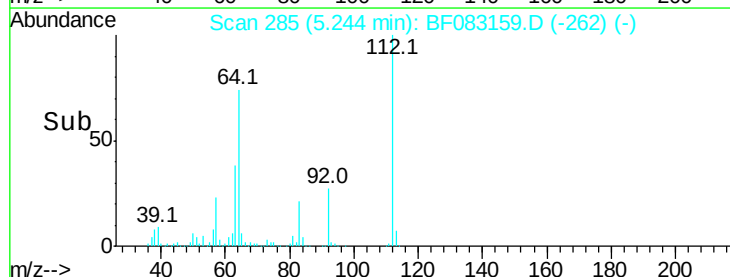
63 37.7 30.0 45.0

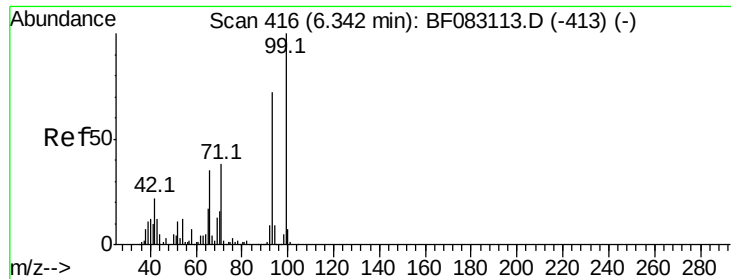


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.64 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

Instrument :

BNA_F

ClientSampleId :

MW-06

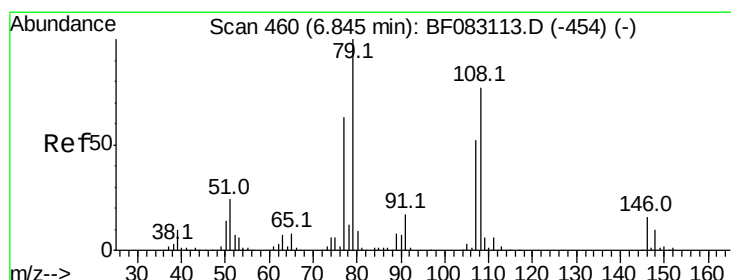
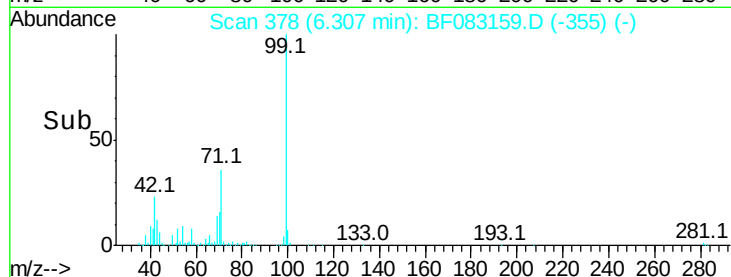
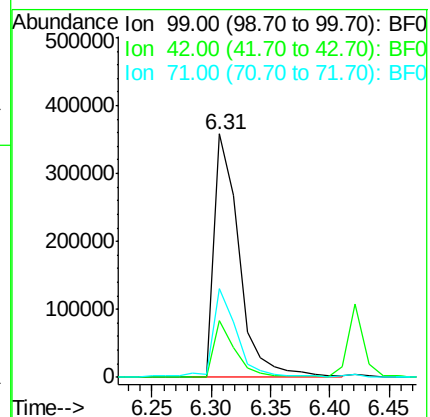
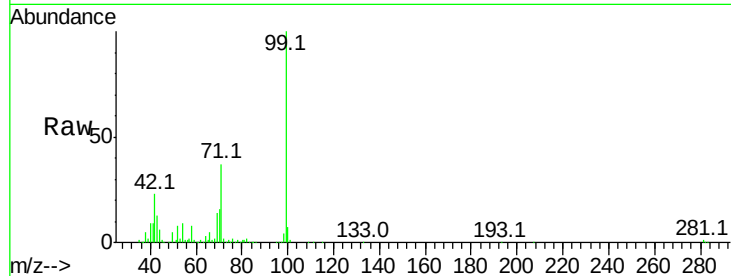
Tot Ion: 99 Resp: 524052

Ion Ratio Lower Upper

99 100

42 23.1 17.7 26.5

71 36.6 30.2 45.4



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.81 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

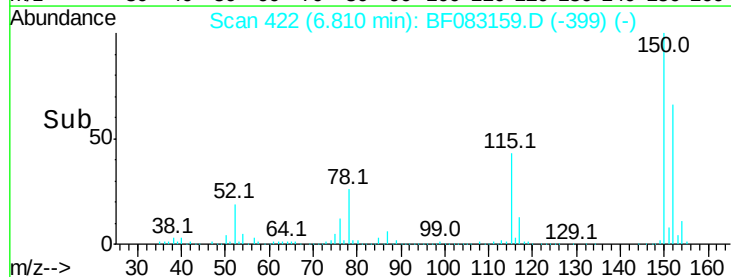
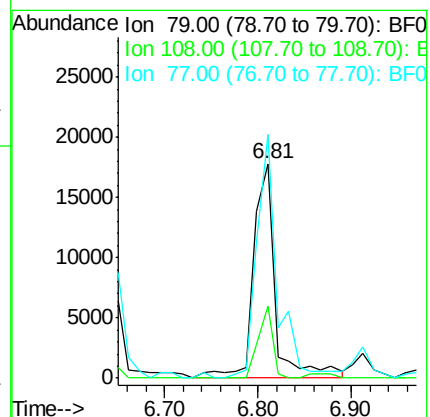
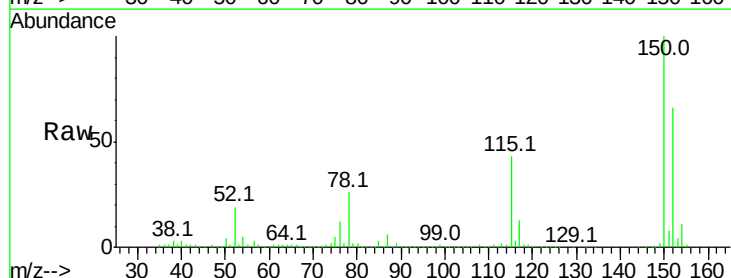
Tgt Ion: 79 Resp: 28638

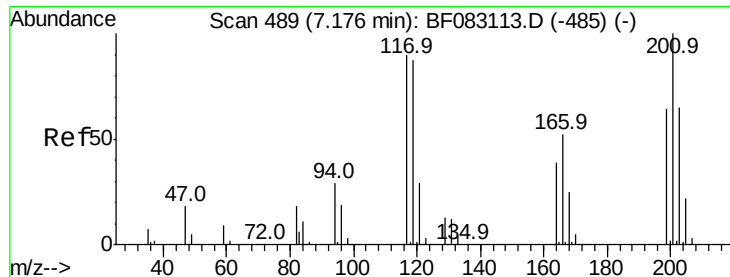
Ion Ratio Lower Upper

79 100

108 33.6 61.4 92.2#

77 113.4 50.5 75.7#

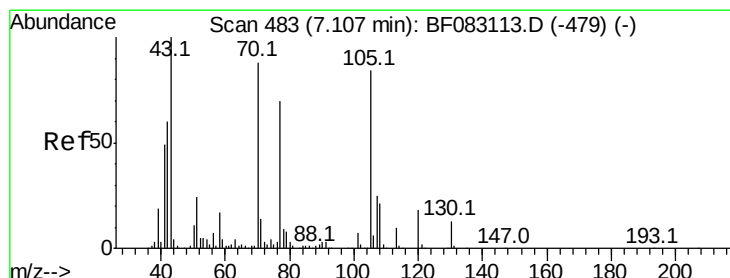
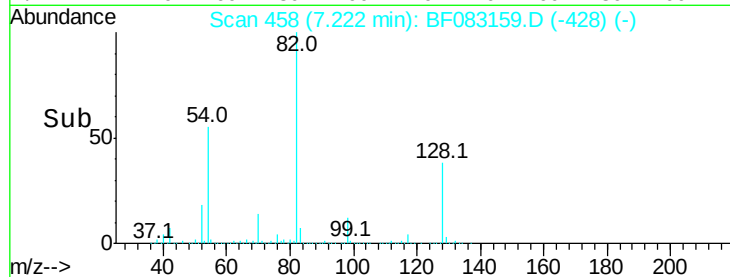
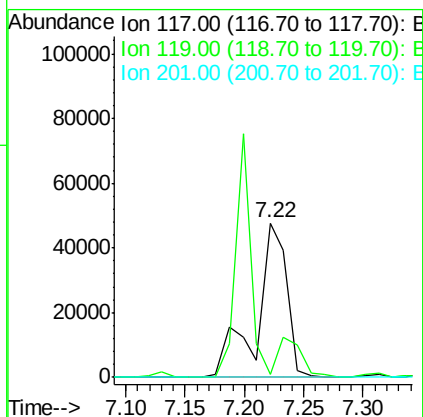
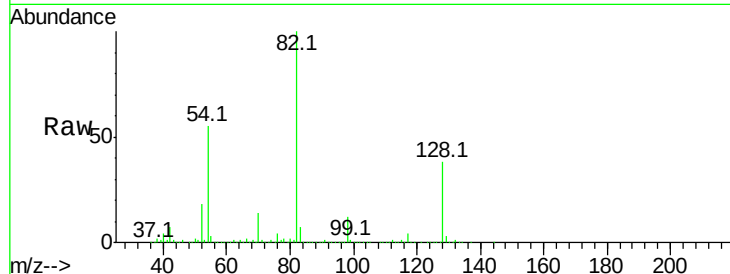




#18
Hexachloroethane
Concen: 14.63 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF083159.D
Acq: 22 Nov 2015 15:18

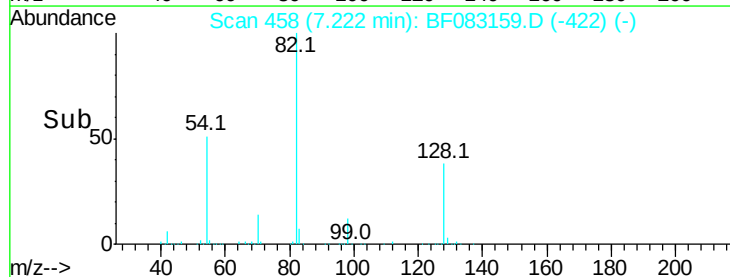
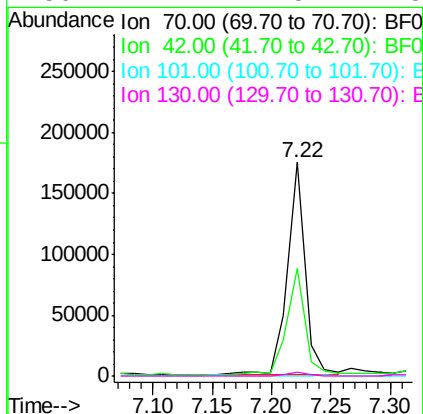
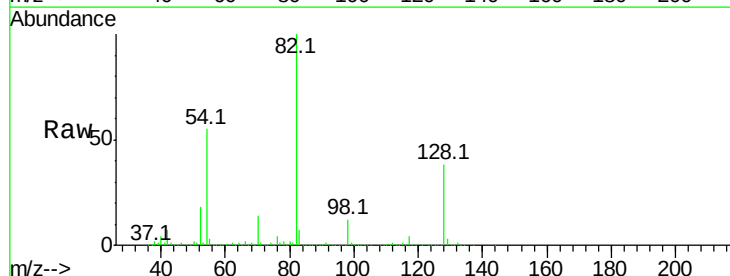
Instrument :
BNA_F
ClientSampleId :
MW-06

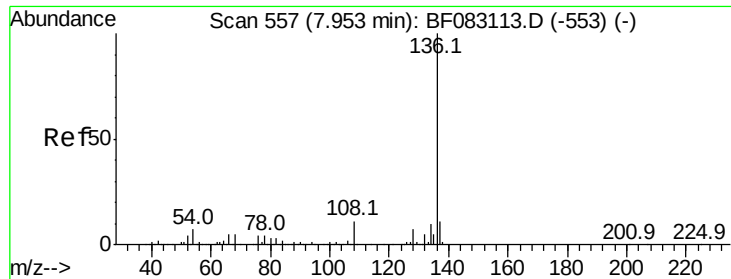
Tot Ion:117 Resp: 85020
Ion Ratio Lower Upper
117 100
119 1.9 76.8 115.2#
201 0.0 88.6 133.0#



#19
n-Nitroso-di-n-propylamine
Concen: 15.06 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083159.D
Acq: 22 Nov 2015 15:18

Tgt Ion: 70 Resp: 179206
Ion Ratio Lower Upper
70 100
42 50.5 54.5 81.7#
101 0.3 6.6 9.8#
130 2.1 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

Instrument :

BNA_F

ClientSampled :

MW-06

Tot Ion:136 Resp: 760449

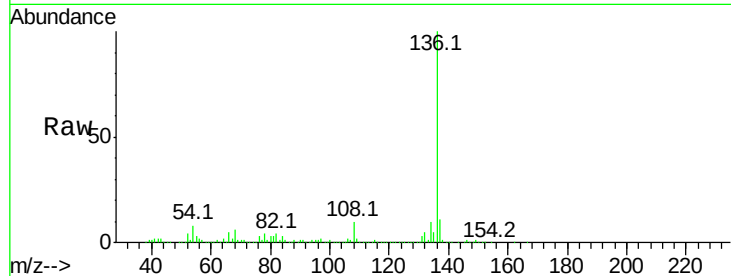
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.3 5.8 8.6

68 6.3 3.8 5.8#

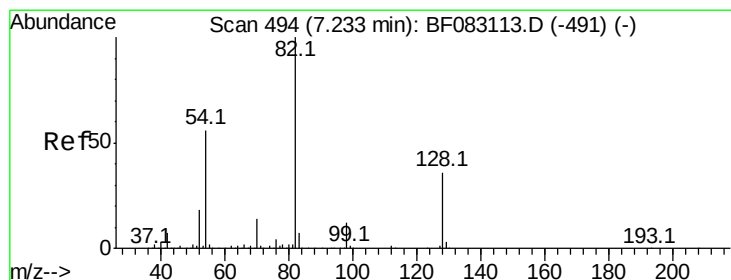
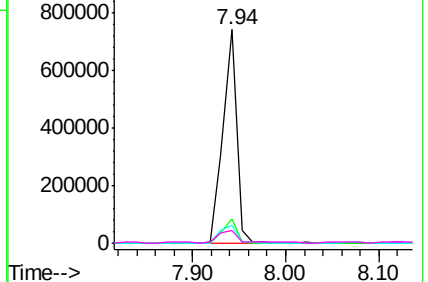
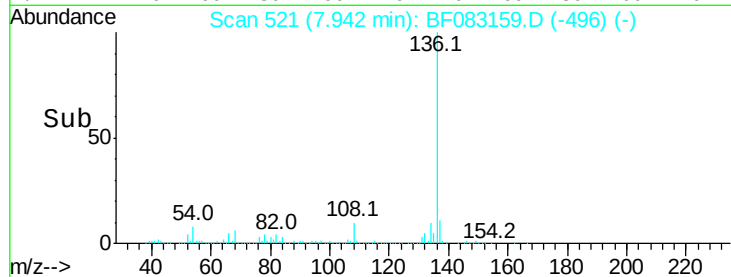


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.17 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

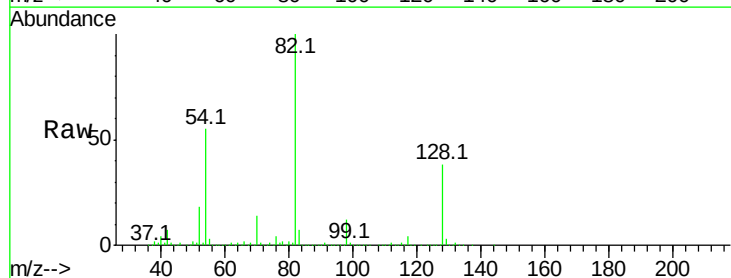
Tgt Ion: 82 Resp: 1267609

Ion Ratio Lower Upper

82 100

128 38.2 28.5 42.7

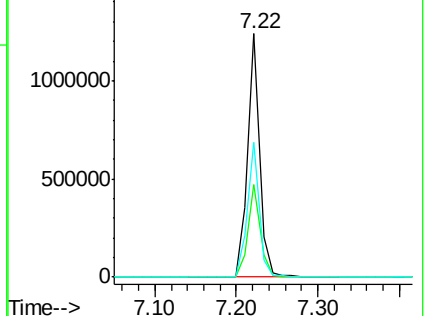
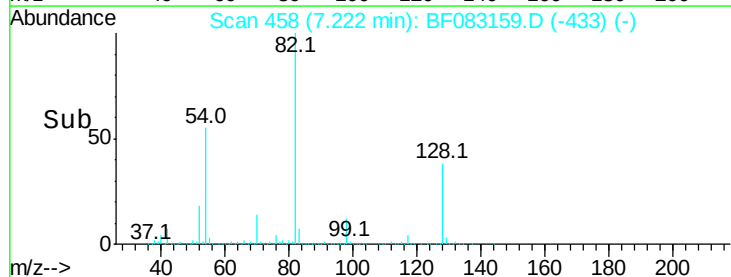
54 55.5 44.6 67.0

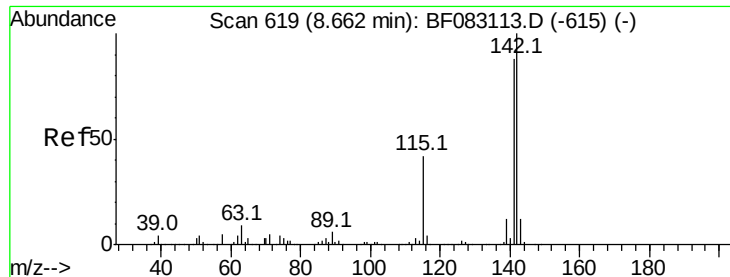


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

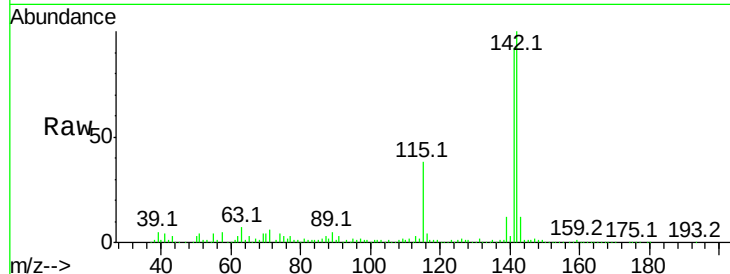




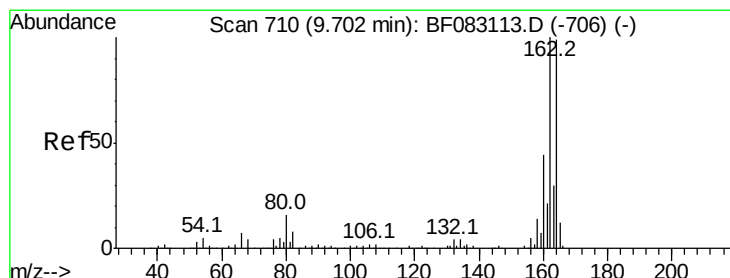
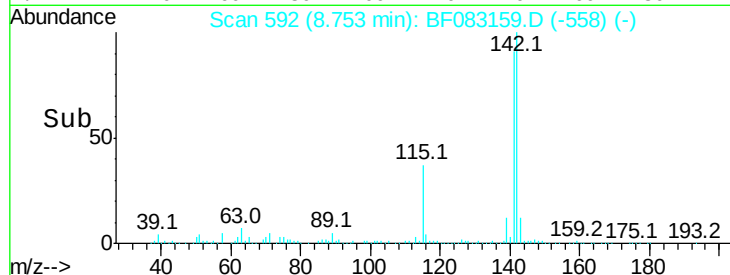
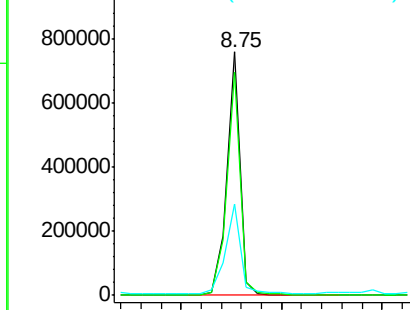
#37
 2-Methylnaphthalene
 Concen: 25.76 ng
 RT: 8.75 min Scan# 592
 Delta R.T. 0.09 min
 Lab File: BF083159.D
 Acq: 22 Nov 2015 15:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.3	105.5
115	37.6	33.4	50.2

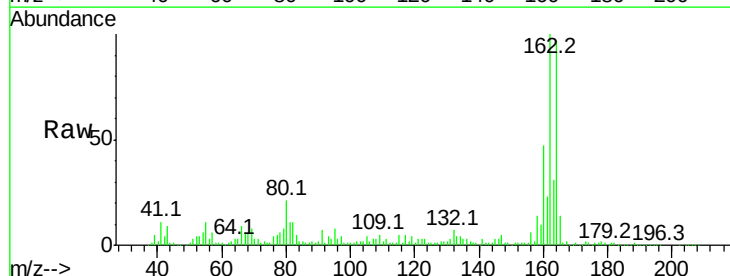


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

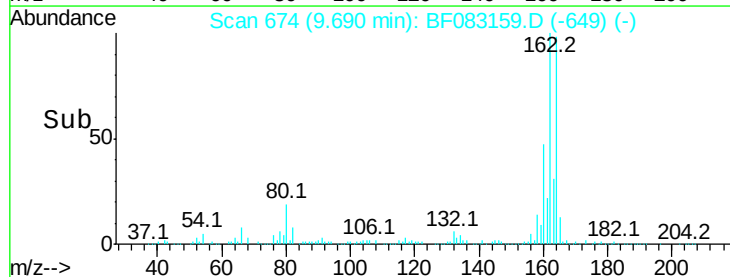
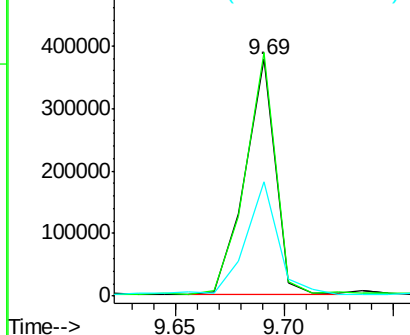


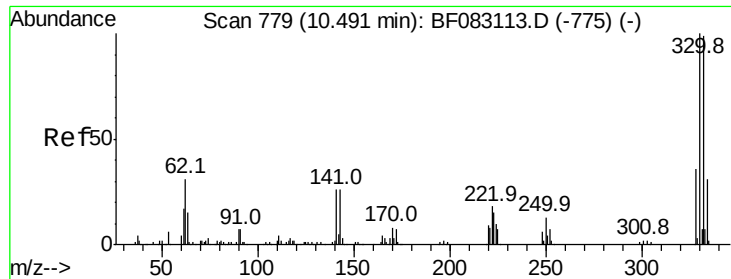
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083159.D
 Acq: 22 Nov 2015 15:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.2	121.8
160	48.1	35.6	53.4



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

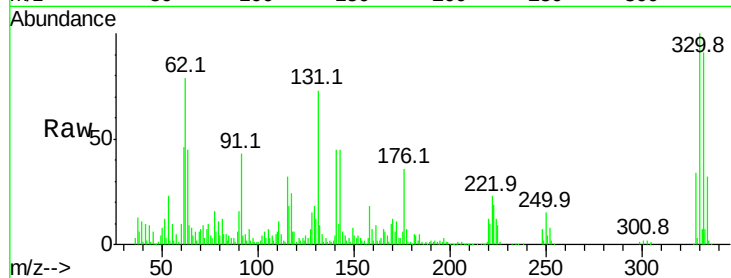




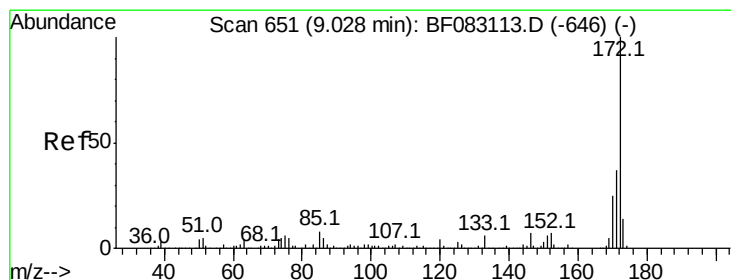
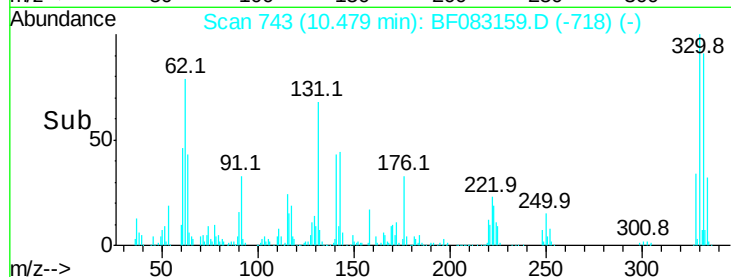
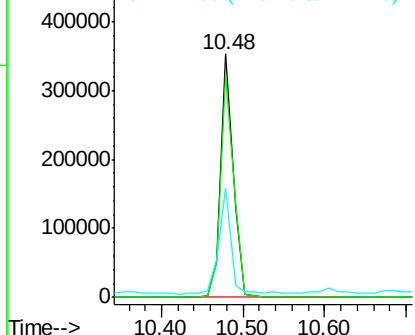
#41
 2,4,6-Tribromophenol
 Concen: 100.58 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083159.D
 Acq: 22 Nov 2015 15:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tot Ion:330 Resp: 375604
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.7 116.5
 141 44.8 29.7 44.5#

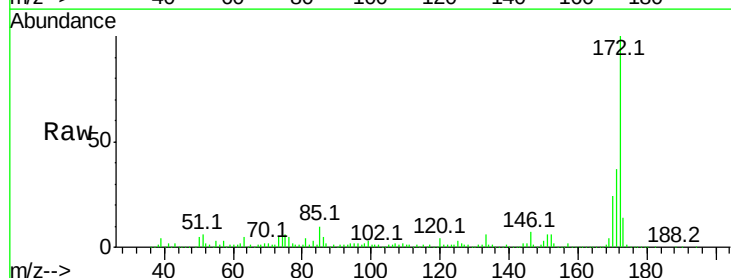


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

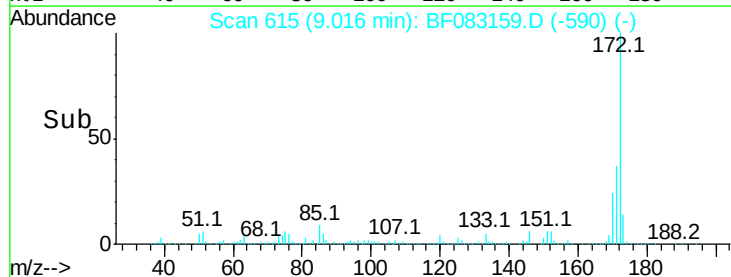
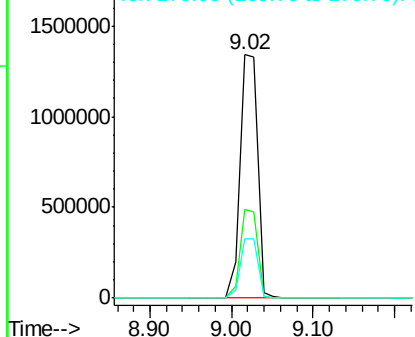


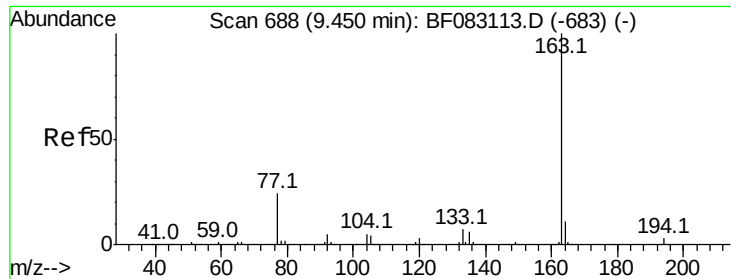
#44
 2-Fluorobiphenyl
 Concen: 76.75 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083159.D
 Acq: 22 Nov 2015 15:18

Tgt Ion:172 Resp: 2009143
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 24.4 19.9 29.9



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

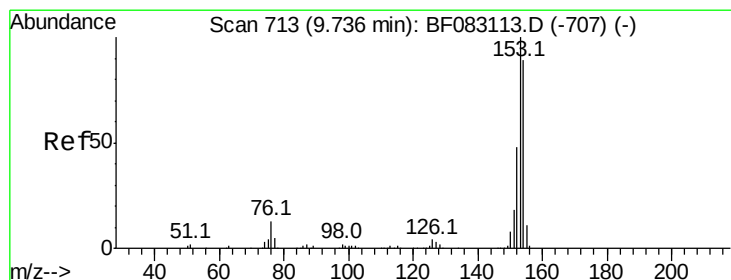
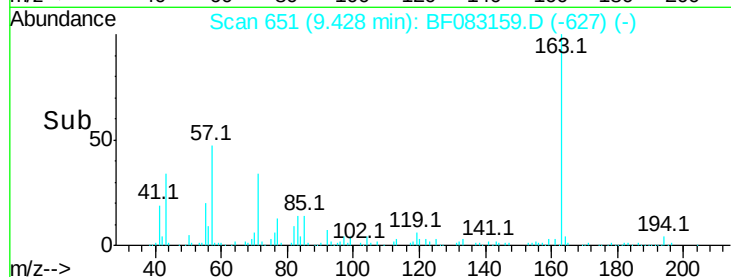
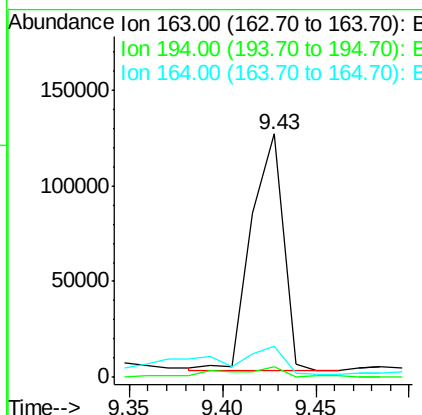
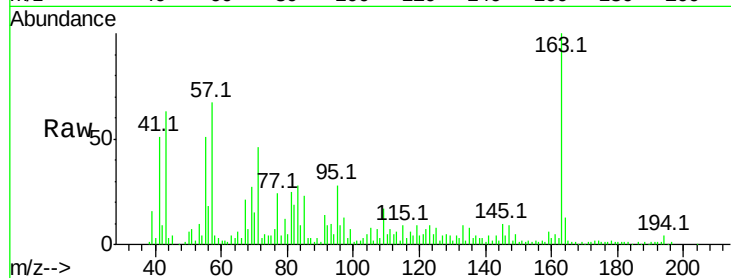




#49
Dimethylphthalate
Concen: 5.26 ng
RT: 9.43 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF083159.D
Acq: 22 Nov 2015 15:18

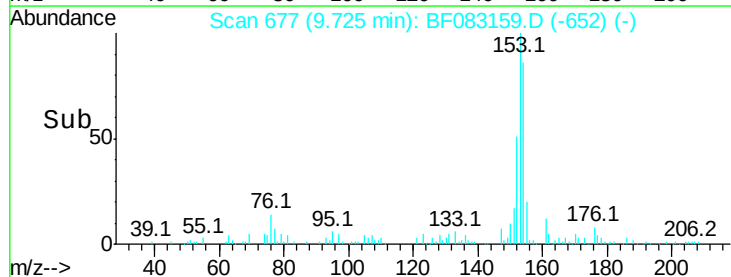
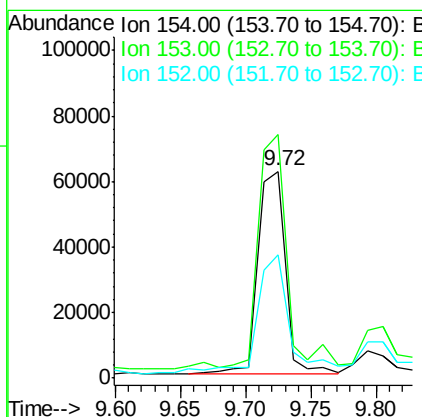
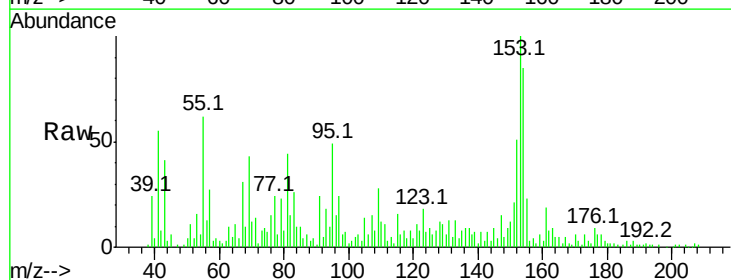
Instrument :
BNA_F
ClientSampleId :
MW-06

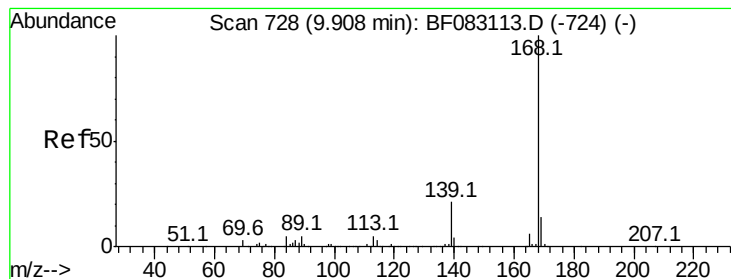
Tot Ion:163 Resp: 147917
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 12.9 8.6 12.8#



#51
Acenaphthene
Concen: 4.00 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF083159.D
Acq: 22 Nov 2015 15:18

Tgt Ion:154 Resp: 92137
Ion Ratio Lower Upper
154 100
153 117.8 89.6 134.4
152 59.9 43.3 64.9





#54

Dibenzofuran

Concen: 2.38 ng

RT: 9.90 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

Instrument :

BNA_F

ClientSampleId :

MW-06

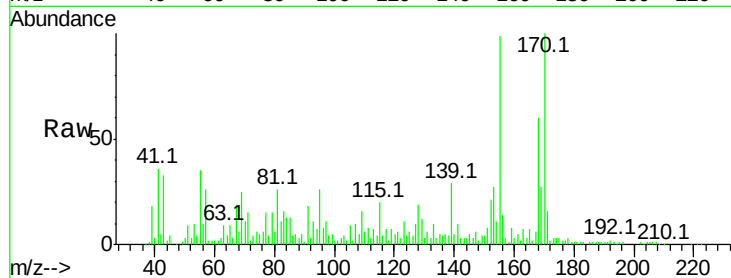
Tot Ion:168 Resp: 77400

Ion Ratio Lower Upper

168 100

139 48.9 30.2 45.2#

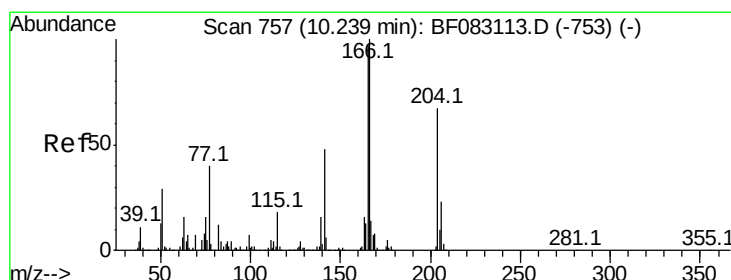
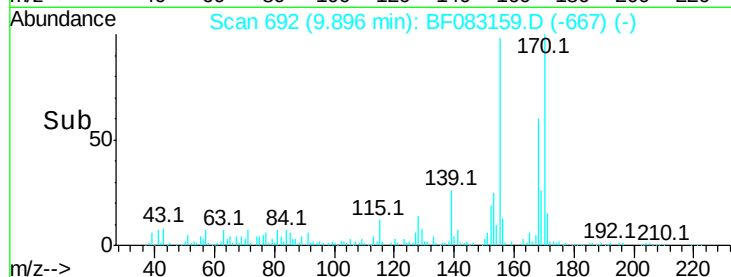
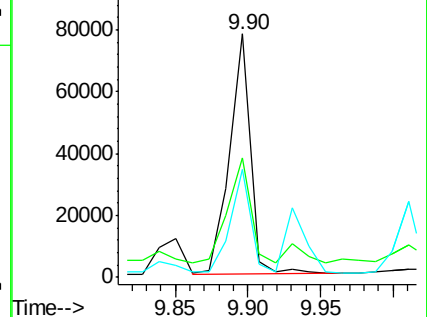
169 44.3 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 2.13 ng

RT: 10.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

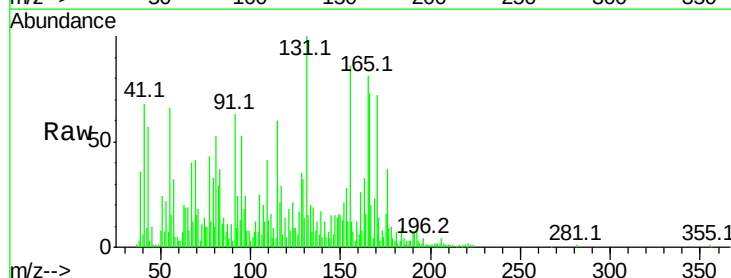
Tgt Ion:166 Resp: 57195

Ion Ratio Lower Upper

166 100

165 111.3 78.0 117.0

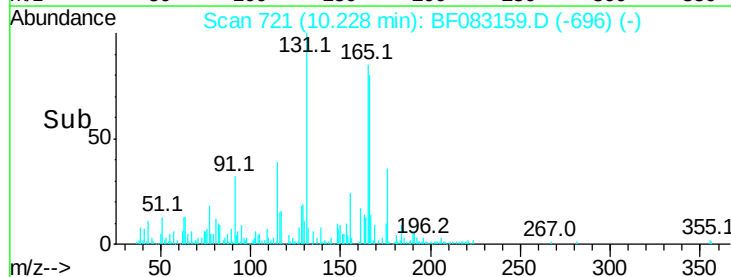
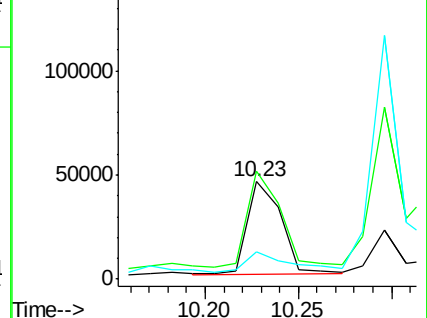
167 27.5 11.3 16.9#

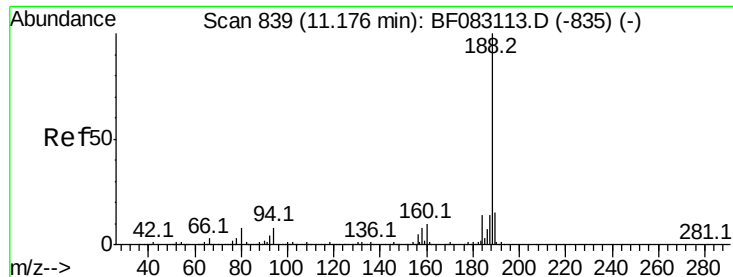


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

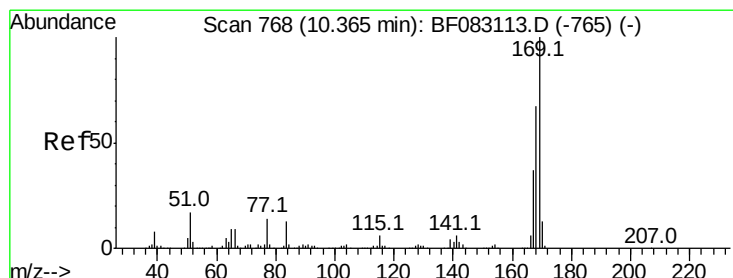
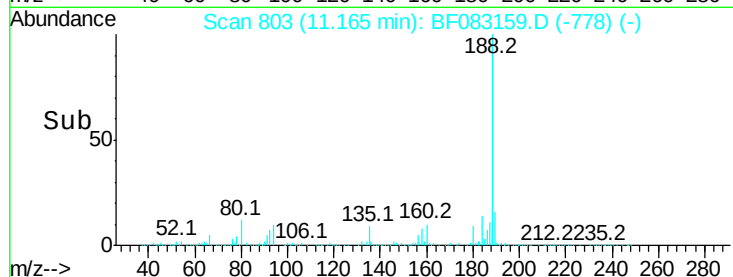
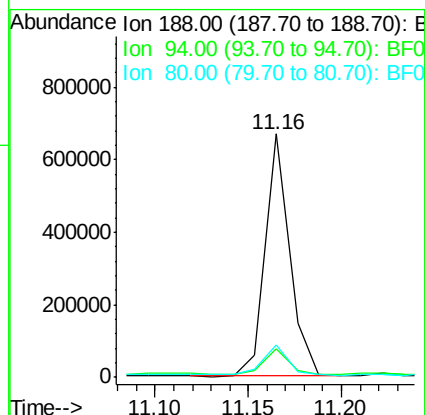
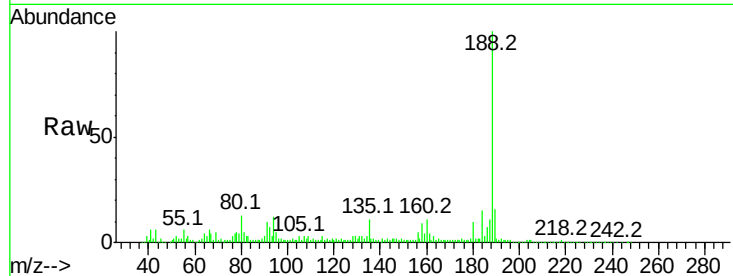




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083159.D
Acq: 22 Nov 2015 15:18

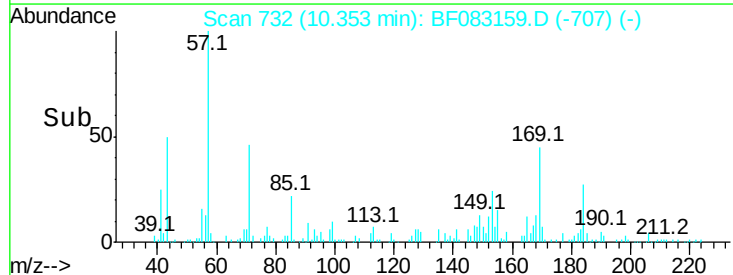
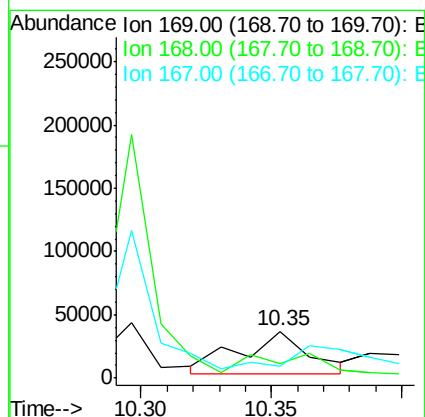
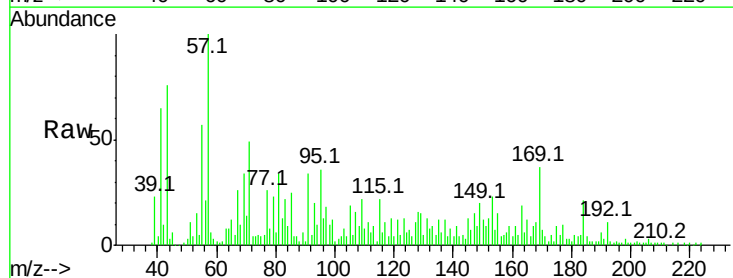
Instrument :
BNA_F
ClientSampleId :
MW-06

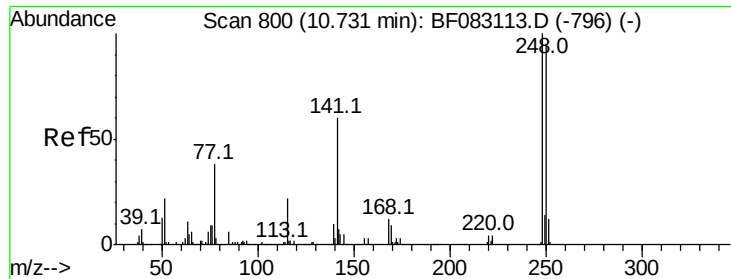
Tot Ion:188 Resp: 606854
Ion Ratio Lower Upper
188 100
94 11.9 6.0 9.0#
80 13.4 6.7 10.1#



#65
n-Nitrosodiphenylamine
Concen: 3.03 ng
RT: 10.35 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF083159.D
Acq: 22 Nov 2015 15:18

Tgt Ion:169 Resp: 62557
Ion Ratio Lower Upper
169 100
168 30.0 53.8 80.6#
167 25.0 29.8 44.8#





#66

4-Bromophenyl-phenylether

Concen: 3.87 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.25 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

Instrument :

BNA_F

ClientSampleId :

MW-06

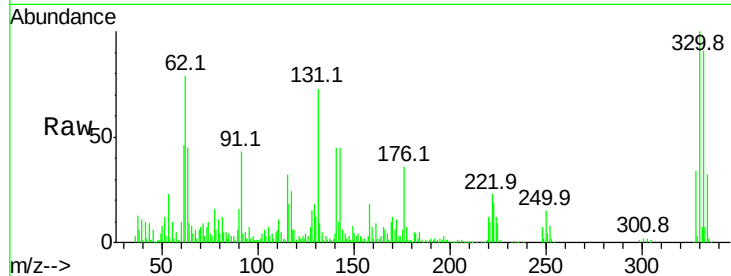
Tot Ion:248 Resp: 26042

Ion Ratio Lower Upper

248 100

250 206.7 75.4 113.2#

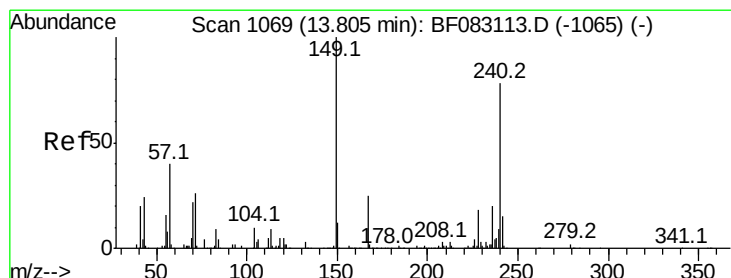
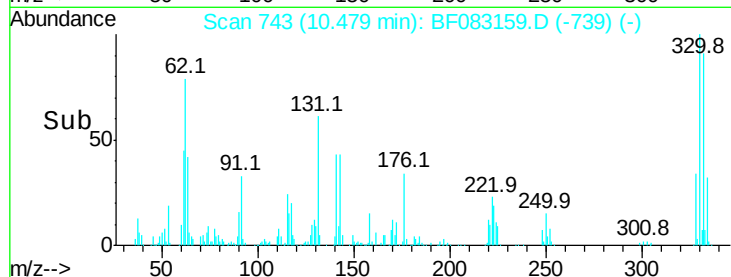
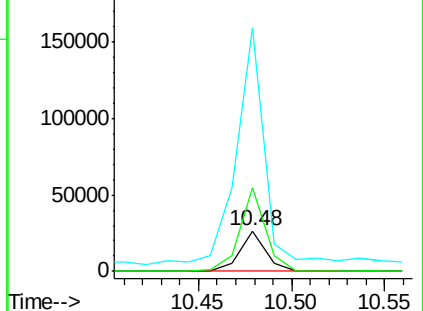
141 604.6 48.1 72.1#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

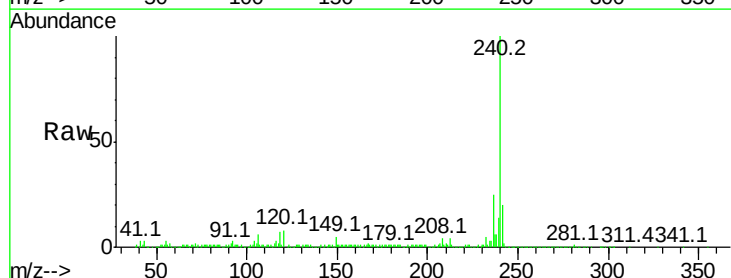
Tgt Ion:240 Resp: 495246

Ion Ratio Lower Upper

240 100

120 8.1 5.4 8.2

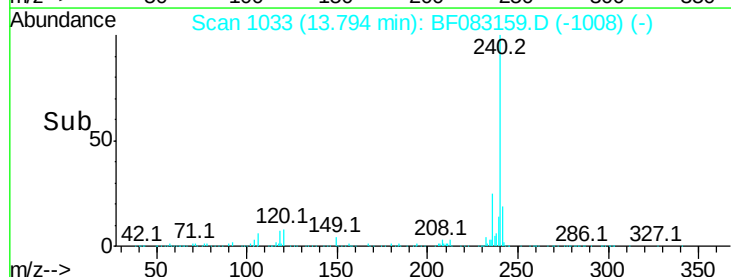
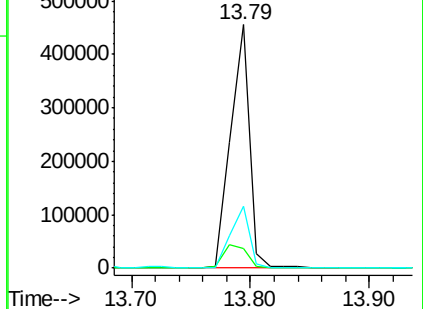
236 25.5 20.6 31.0

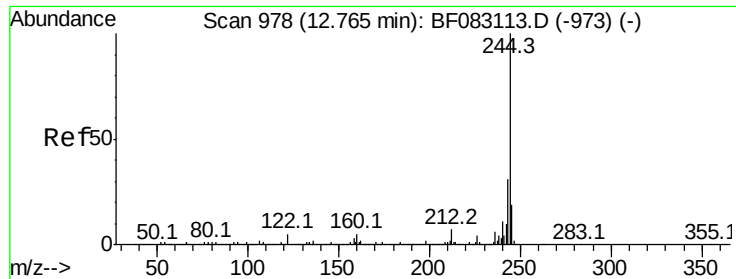


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.80 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

Instrument :

BNA_F

ClientSampleId :

MW-06

Tot Ion:244 Resp: 1552137

Ion Ratio Lower Upper

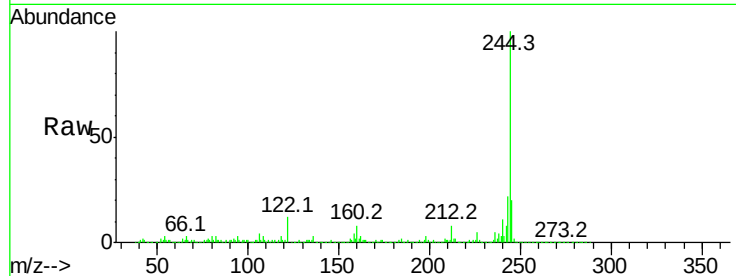
244 100

212 7.9

122 11.9

5.4 8.2

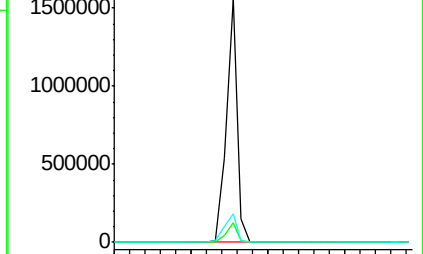
4.3 6.5#



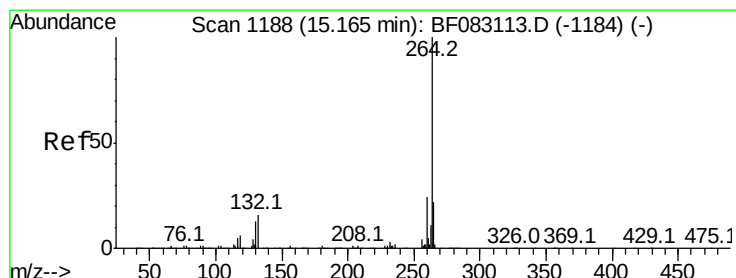
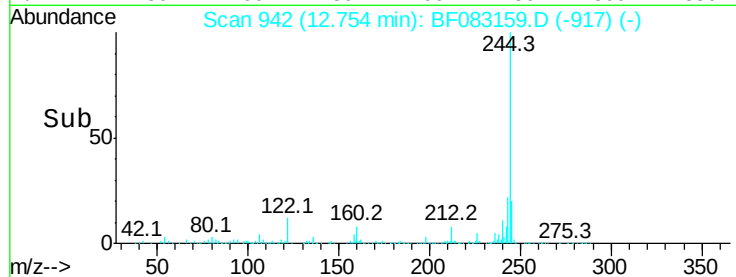
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.60 12.70 12.80 12.90



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083159.D

Acq: 22 Nov 2015 15:18

Tgt Ion:264 Resp: 441738

Ion Ratio Lower Upper

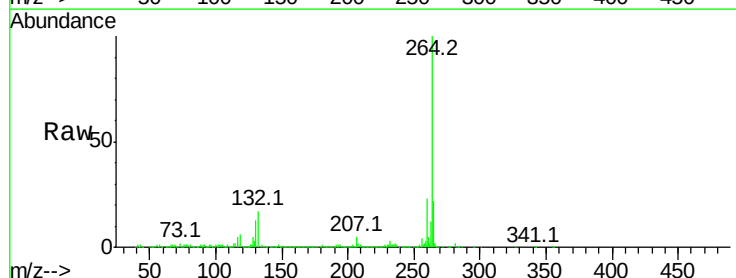
264 100

260 22.7

265 21.9

19.1 28.7

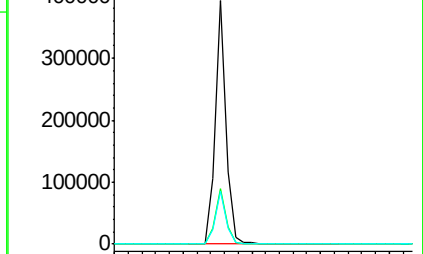
18.2 27.4



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



Time--> 15.00 15.10 15.20 15.30

