

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 04:20:32 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

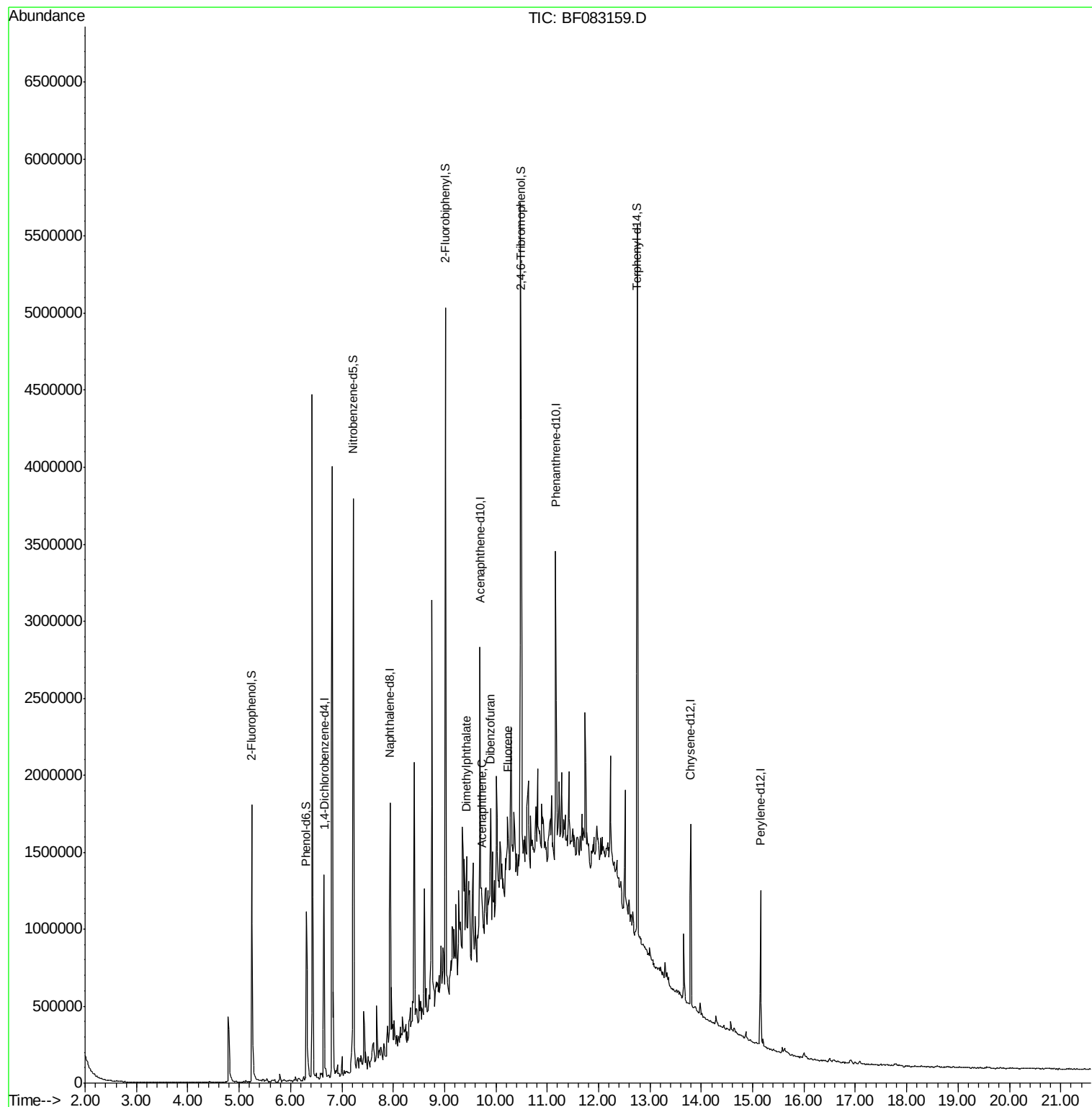
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	199833	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	760449	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	365024	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	606854	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	495246	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						
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

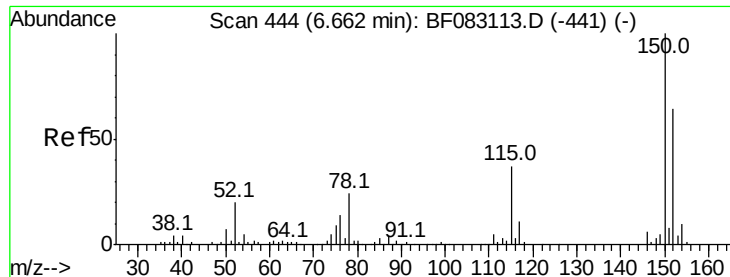
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 04:20:32 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



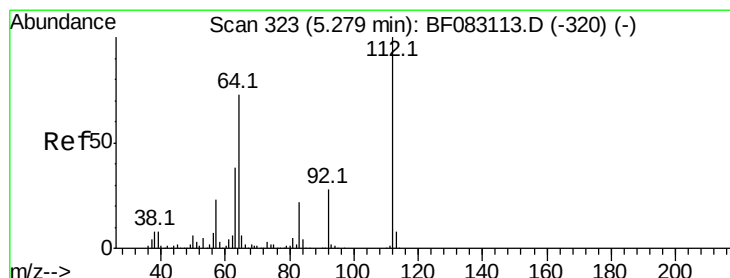
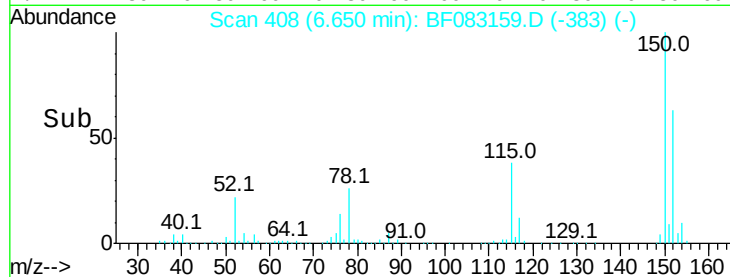
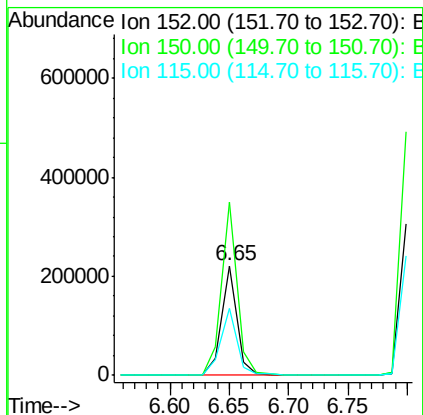
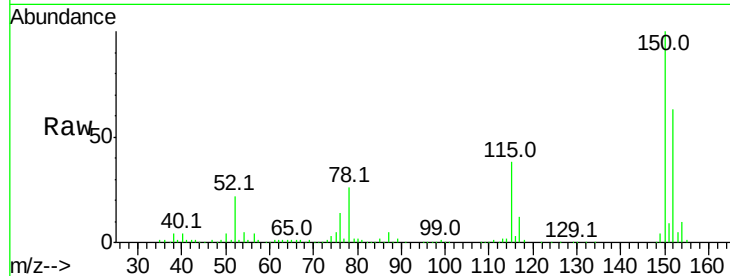


#1

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

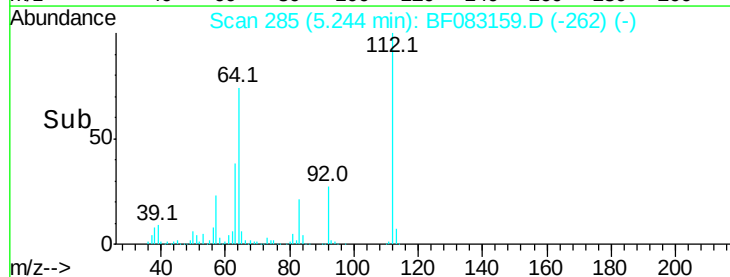
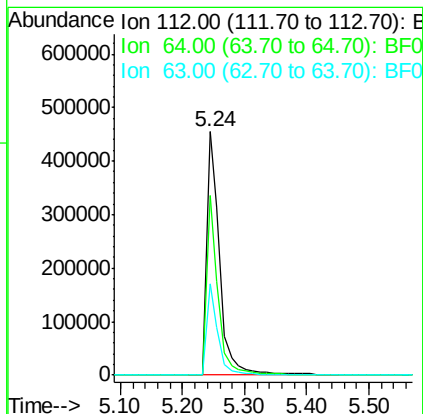
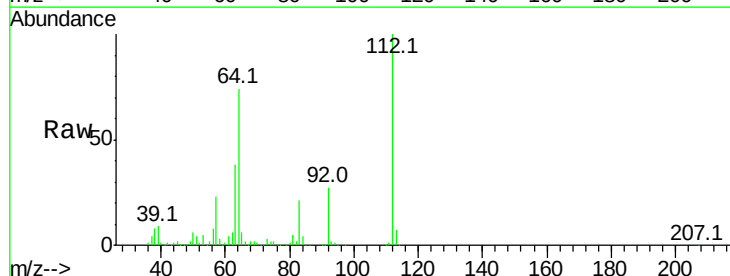
Tot Ion:152 Resp: 199833
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.8 188.8
 115 60.7 46.9 70.3

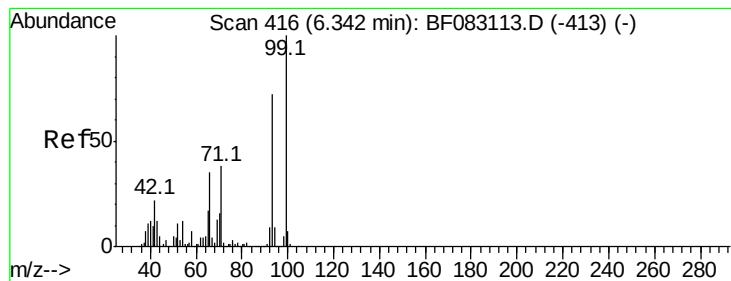


#5

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





#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

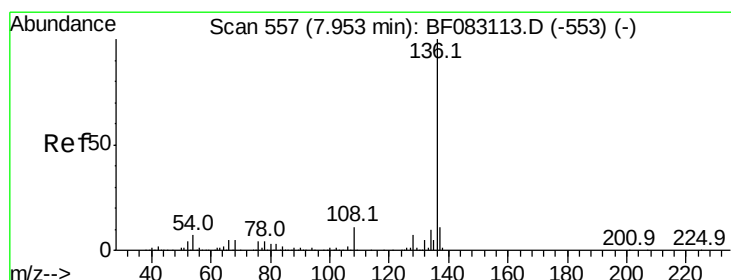
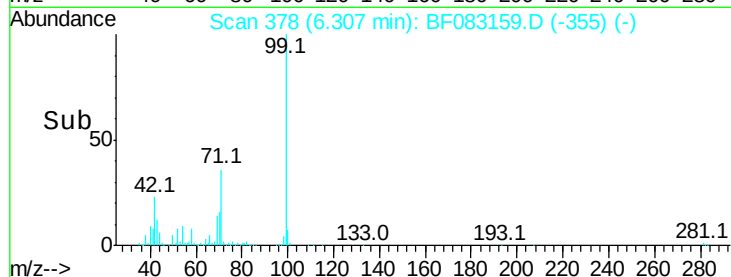
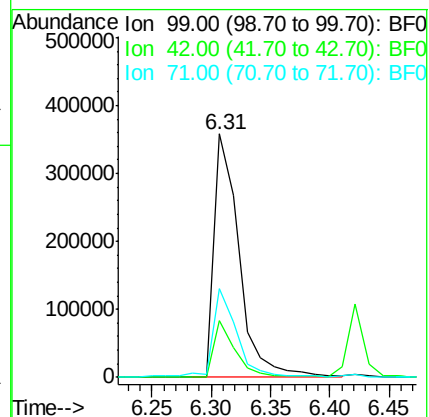
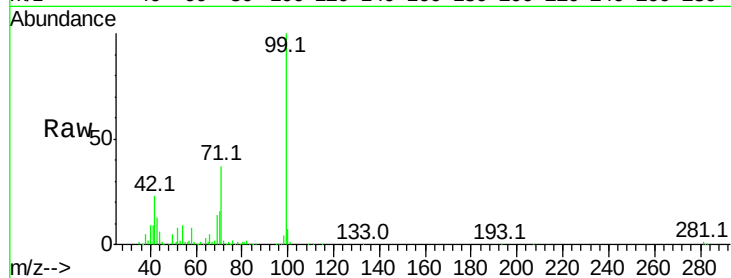
Tot Ion: 99 Resp: 524052

Ion Ratio Lower Upper

99 100

42 23.1 17.7 26.5

71 36.6 30.2 45.4



#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

Tgt Ion: 136 Resp: 760449

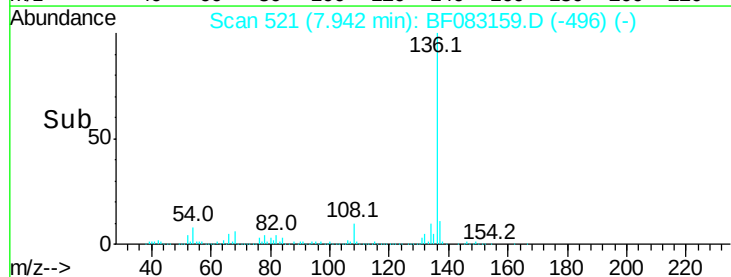
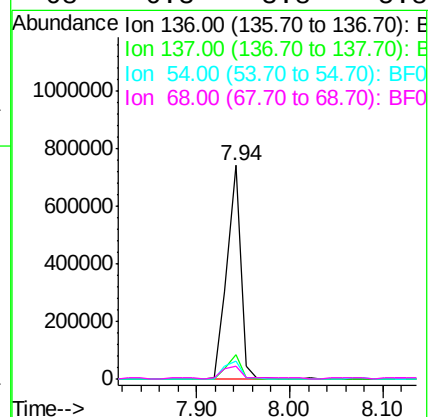
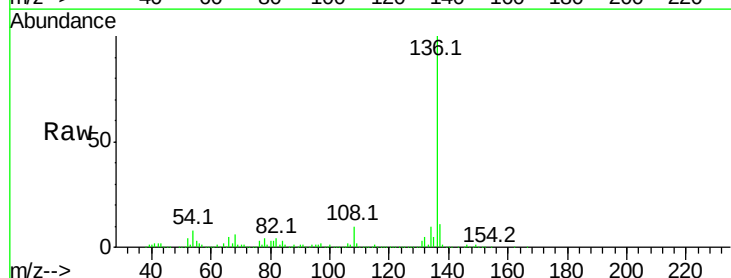
Ion Ratio Lower Upper

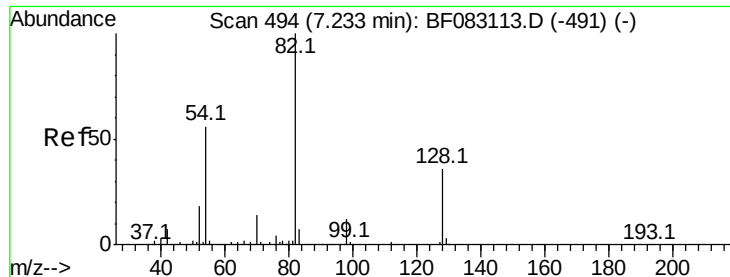
136 100

137 11.1 8.7 13.1

54 8.3 5.8 8.6

68 6.3 3.8 5.8#





#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

Instrument :

BNA_F

ClientSampleId :

MW-06

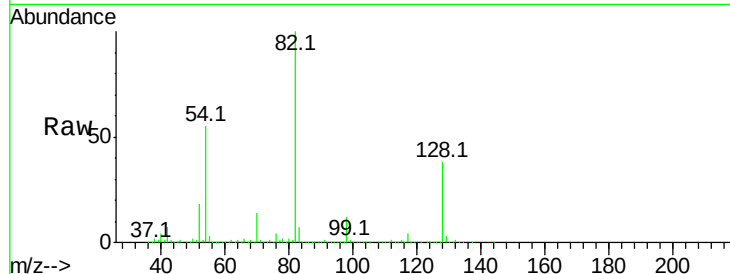
Tot Ion: 82 Resp: 1267609

Ion	Ratio	Lower	Upper
82	100		
128	38.2	28.5	42.7
54	55.5	44.6	67.0

82 100

128 38.2 28.5 42.7

54 55.5 44.6 67.0

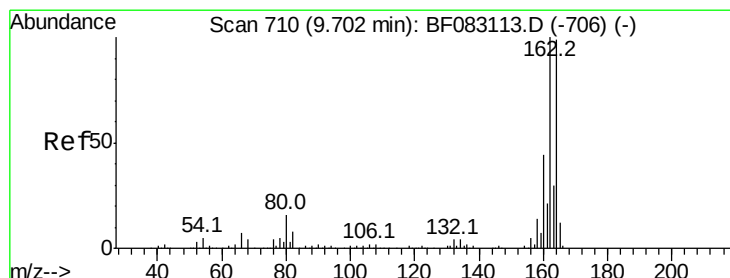
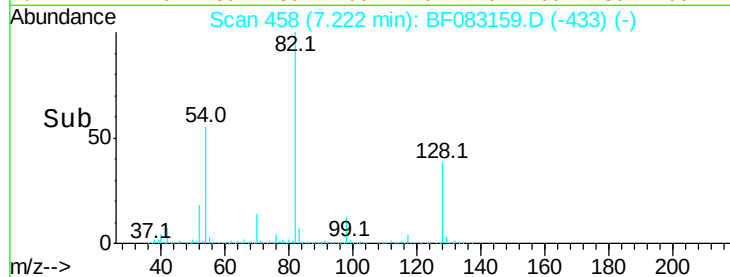
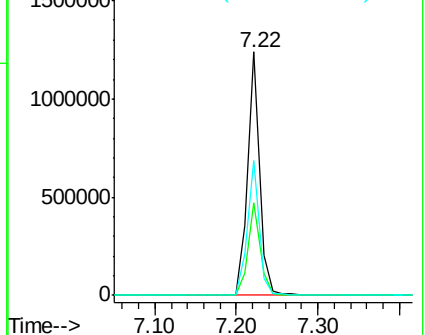


Abundance

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



#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

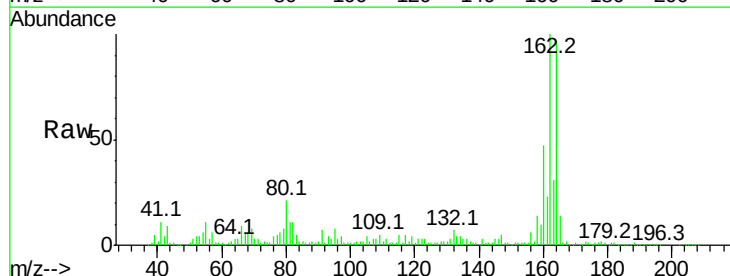
Tgt Ion:164 Resp: 365024

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

164 100

162 102.9 81.2 121.8

160 48.1 35.6 53.4

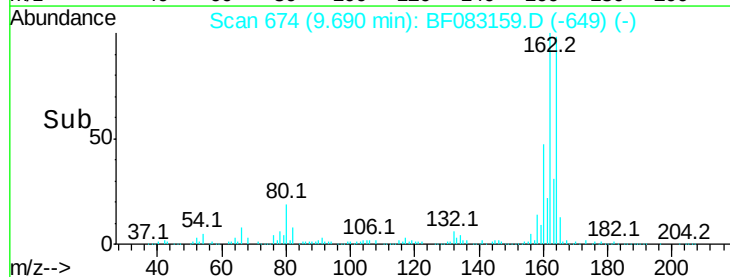
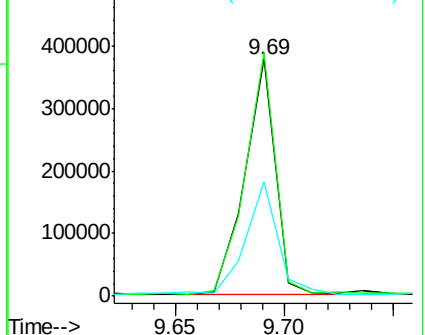


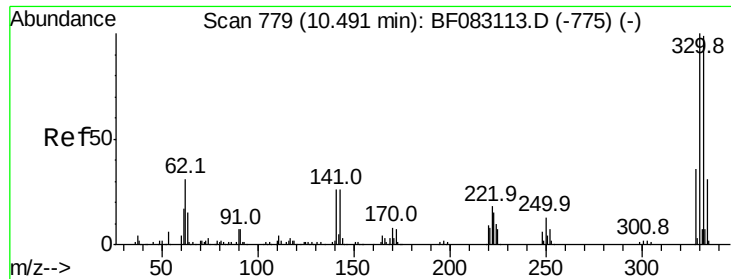
Abundance

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

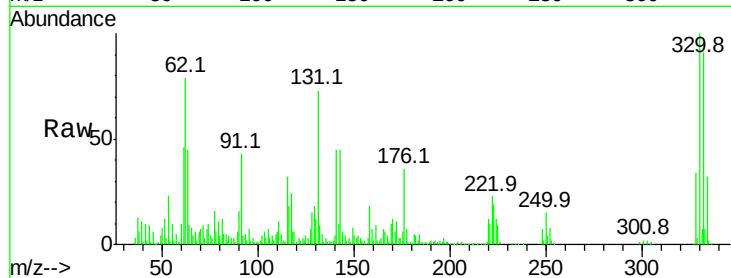




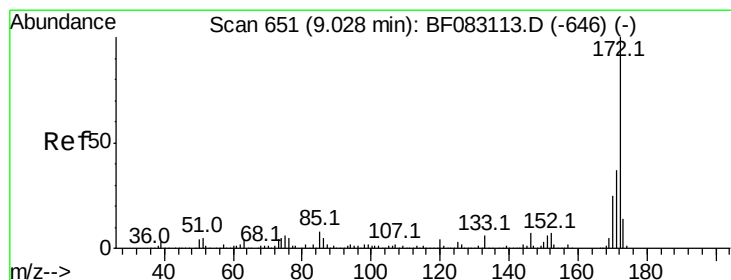
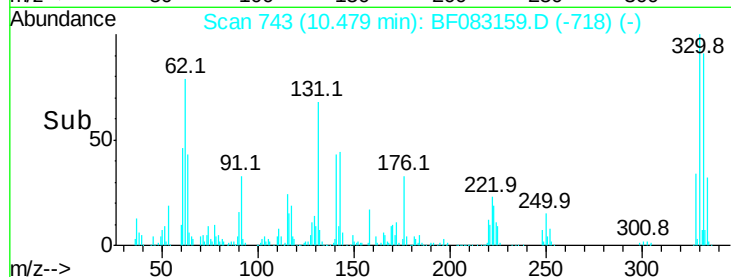
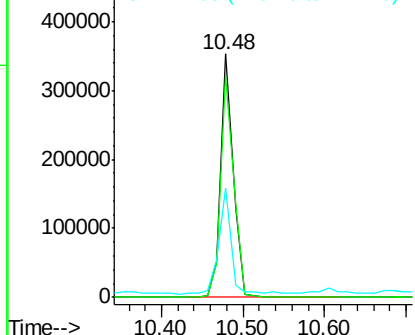
#41
 2,4,6-Tribromophenol
 Concen: 100.58 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083159.D
 Acq: 22 Nov 2015 15:18

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#

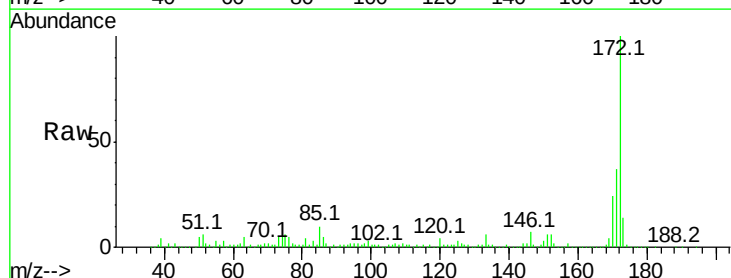


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

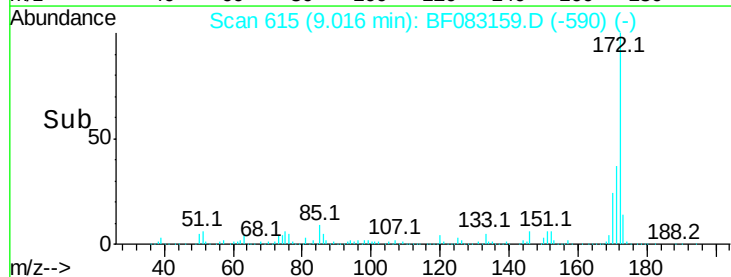
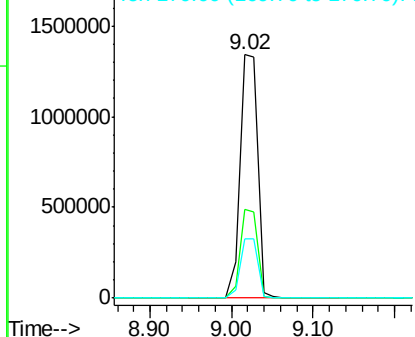


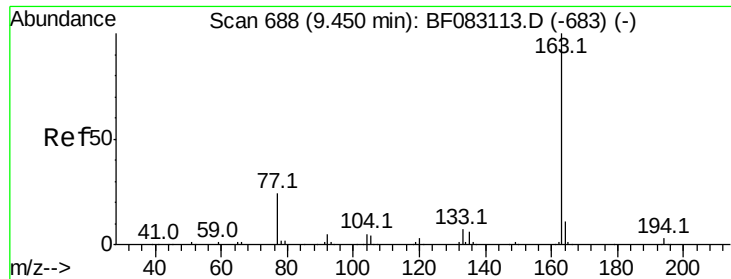
#44
 2-Fluorobiphenyl
 Concen: 76.75 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083159.D
 Acq: 22 Nov 2015 15:18

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

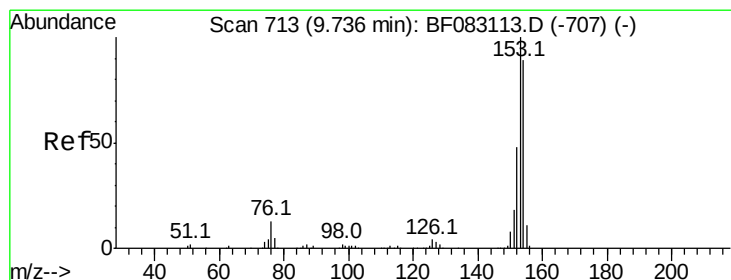
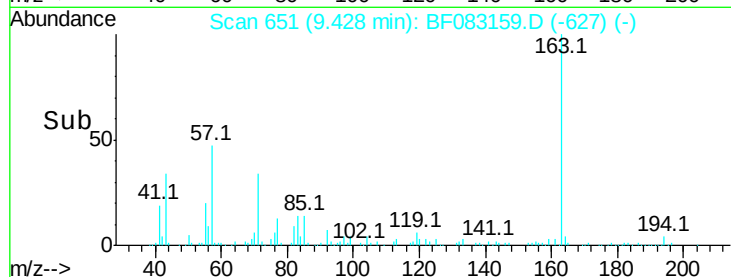
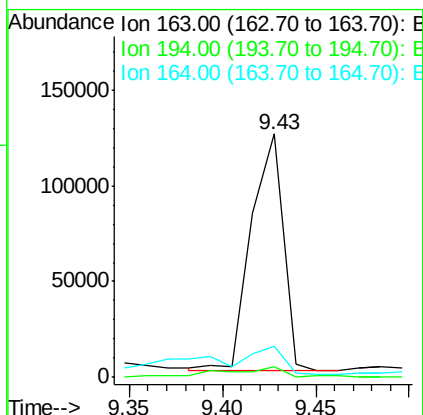
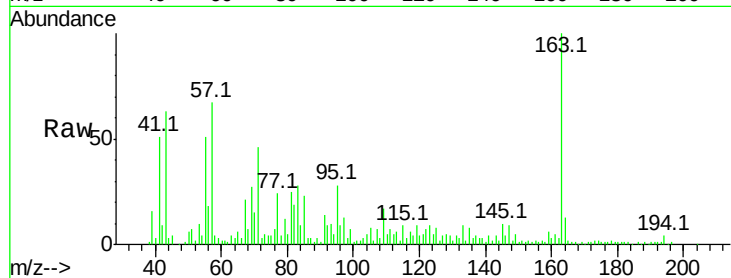




#49
Dimethylphthalate
Concen: 5.26 ng
RT: 9.43 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF083159.D
Acq: 22 Nov 2015 15:18

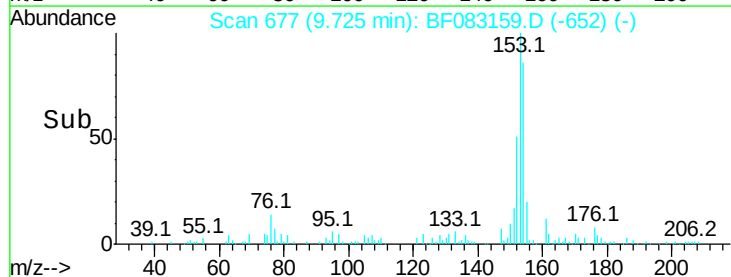
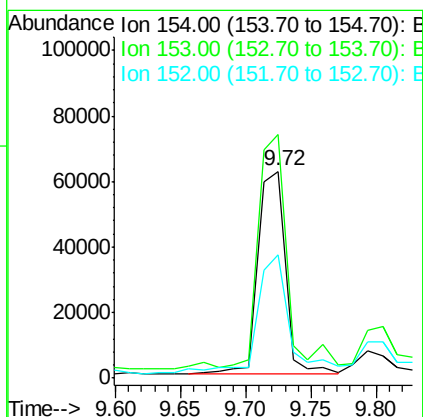
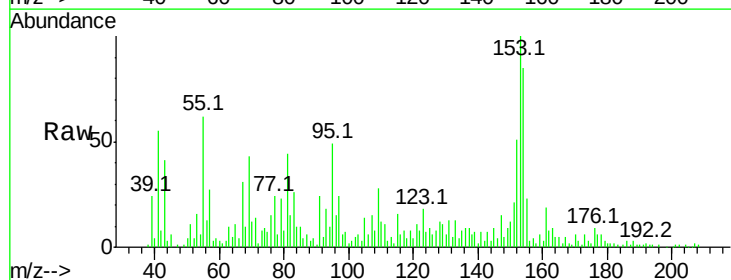
Instrument :
BNA_F
ClientSampleId :
MW-06

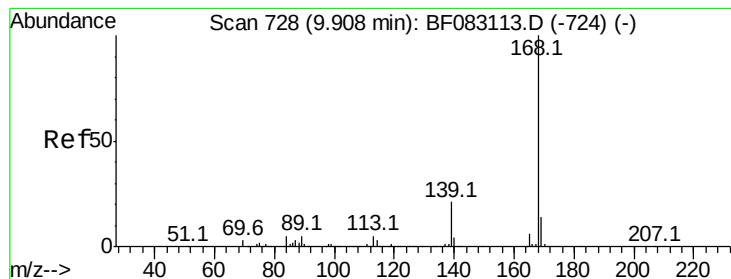
Tot Ion:163 Resp: 147917
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 12.9 8.6 12.8#



#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

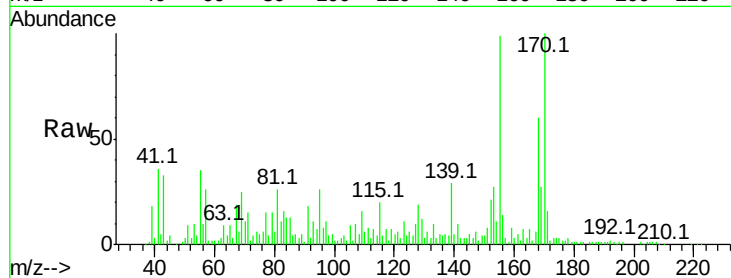
Tot Ion:168 Resp: 77400

Ion Ratio Lower Upper

168 100

139 48.9 30.2 45.2#

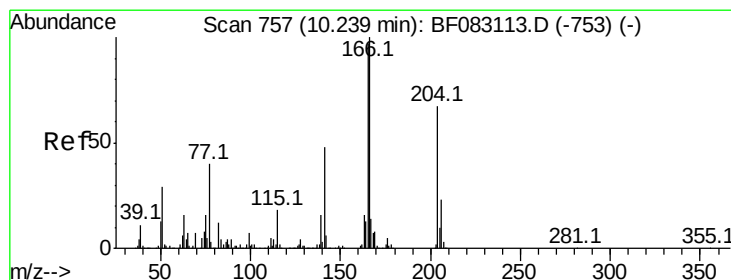
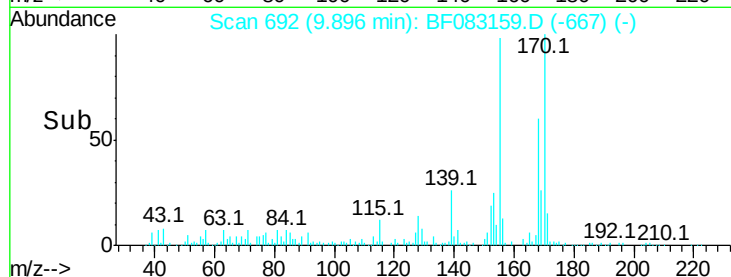
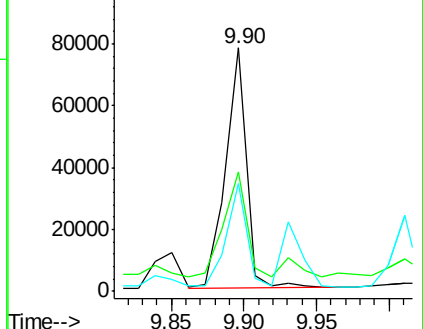
169 44.3 10.9 16.3#



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

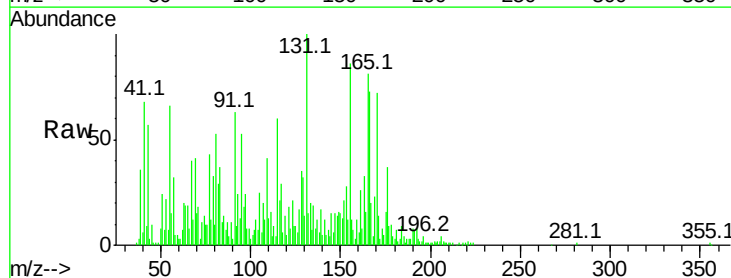
Tgt Ion:166 Resp: 57195

Ion Ratio Lower Upper

166 100

165 111.3 78.0 117.0

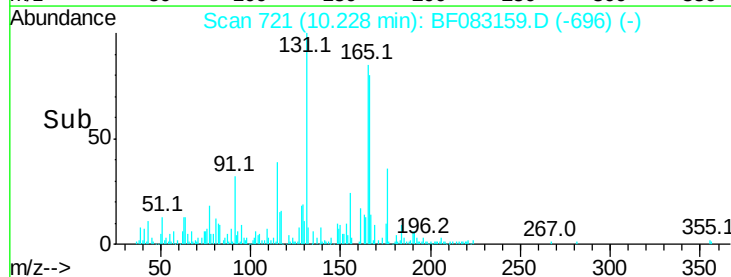
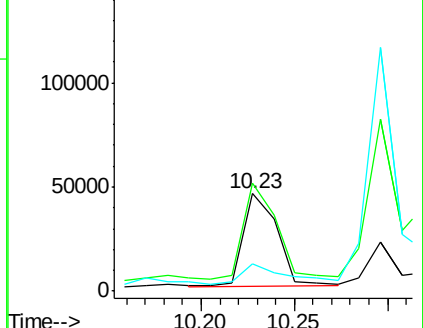
167 27.5 11.3 16.9#

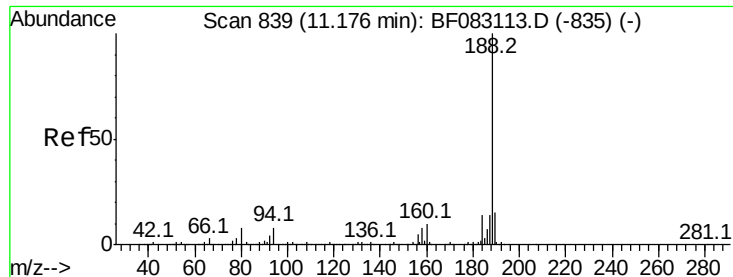


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

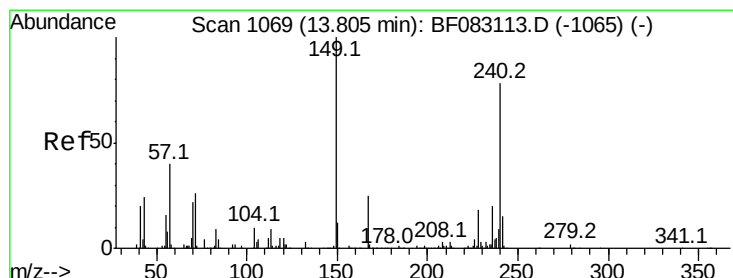
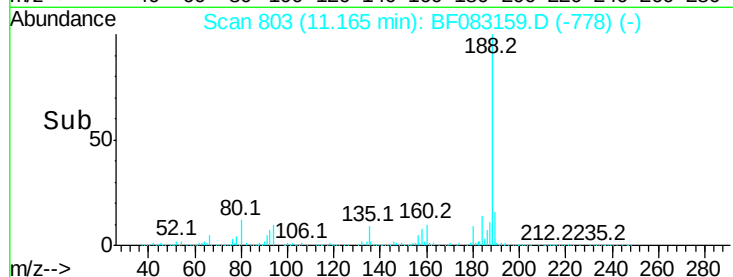
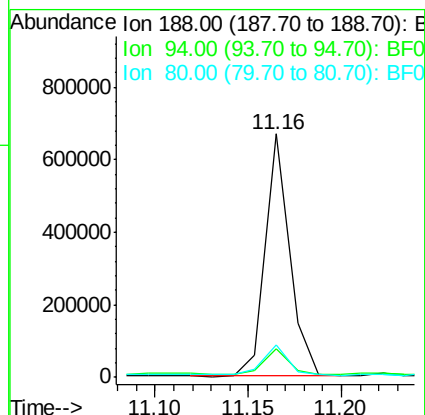
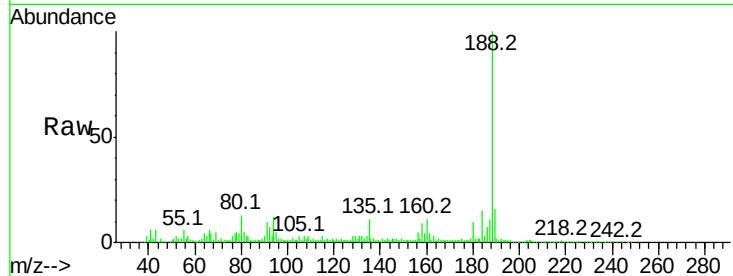




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083159.D
Acq: 22 Nov 2015 15:18

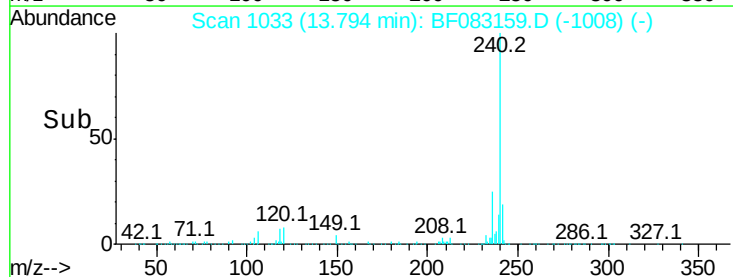
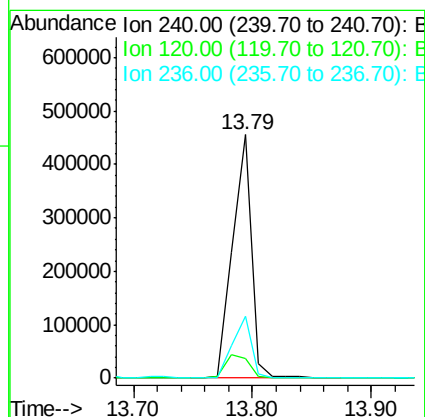
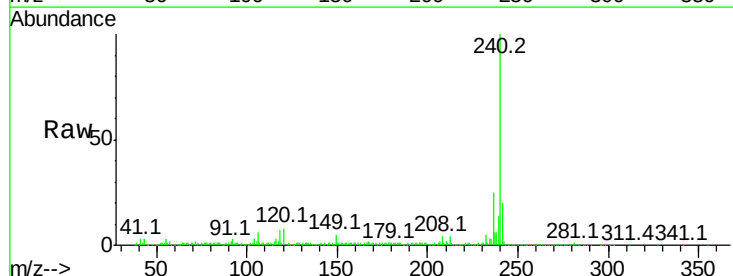
Instrument :
BNA_F
ClientSampleId :
MW-06

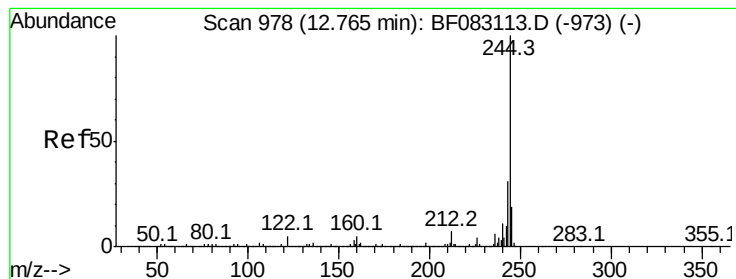
Tot Ion:188 Resp: 606854
Ion Ratio Lower Upper
188 100
94 11.9 6.0 9.0#
80 13.4 6.7 10.1#



#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





#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

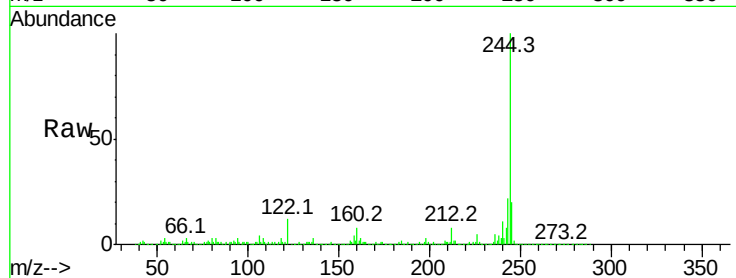
Tot Ion:244 Resp: 1552137

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

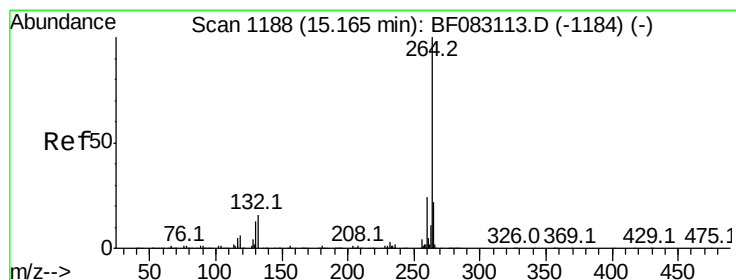
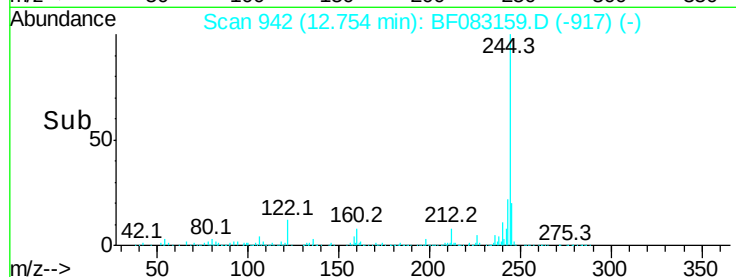
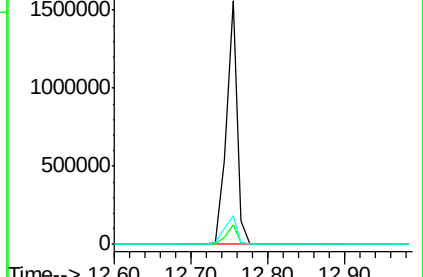
122 11.9 4.3 6.5#



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



#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

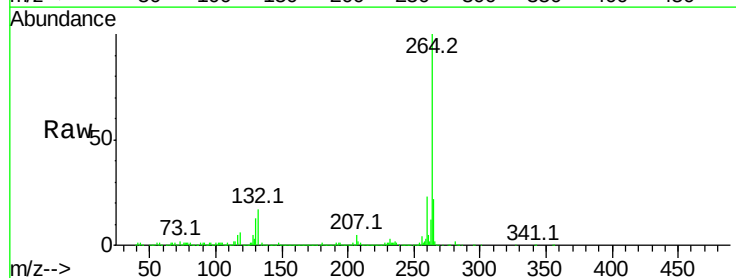
Tgt Ion:264 Resp: 441738

Ion Ratio Lower Upper

264 100

260 22.7 19.1 28.7

265 21.9 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

