

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083157.D
 Acq On : 22 Nov 2015 14:19
 Operator : UM/IZ
 Sample : G4504-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Nov 23 03:37:19 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

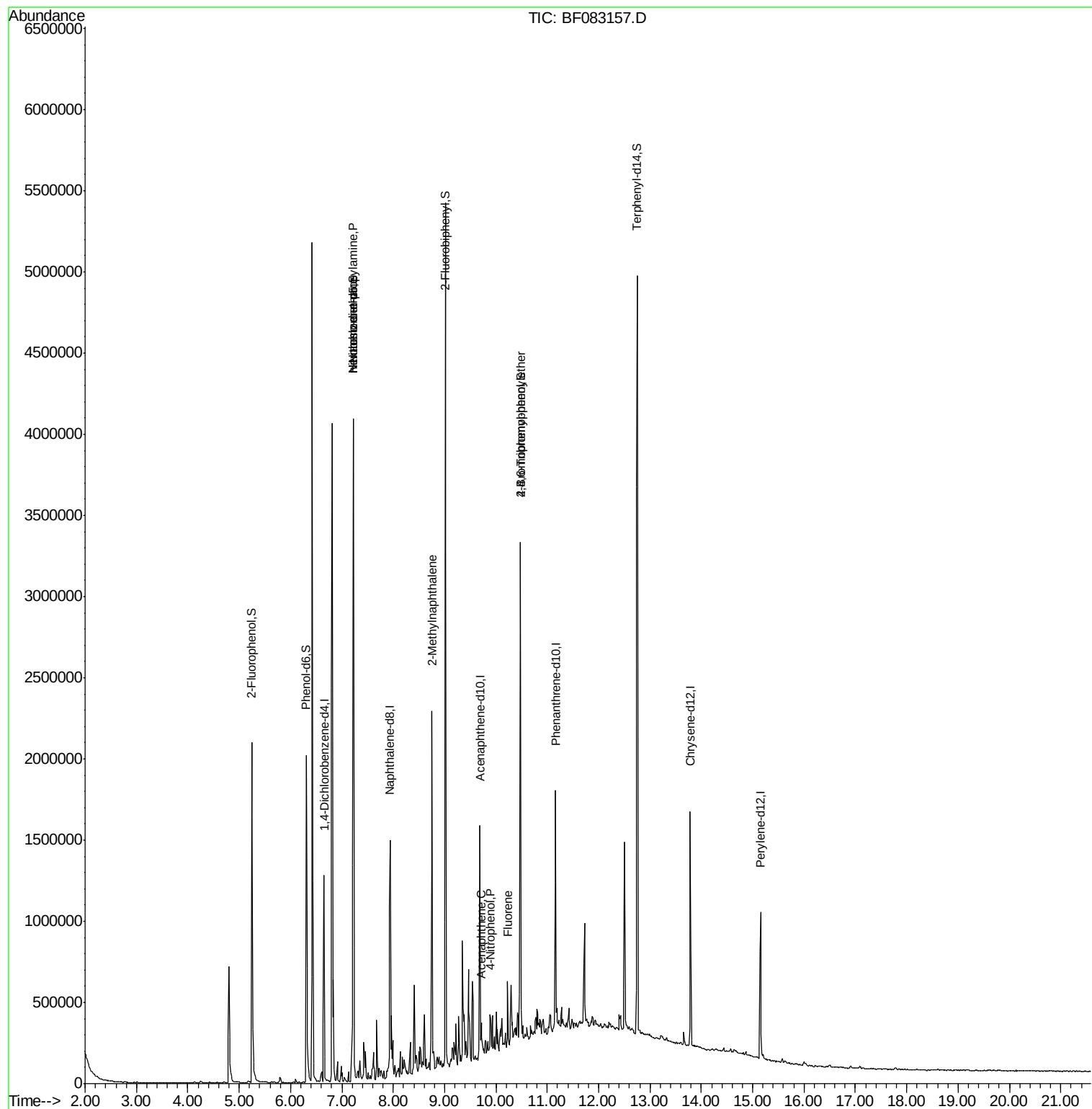
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	197679	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	754220	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	372457	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	674862	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	551851	20.00	ng	-0.02
86) Perylene-d12	15.15	264	462637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	857465	65.58	ng	-0.03
7) Phenol-d6	6.31	99	757902	44.80	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1401553	84.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	497236	130.49	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2191224	82.04	ng	-0.01
78) Terphenyl-d14	12.75	244	1928334	82.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.33	77	5056	Below Cal	#	1
18) Hexachloroethane	7.22	117	132786	23.10	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	196735	16.71	ng	# 76
37) 2-Methylnaphthalene	8.75	142	686881	26.00	ng	95
51) Acenaphthene	9.71	154	47606	2.03	ng	98
55) 4-Nitrophenol	9.88	139	28733	5.46	ng	# 10
57) Fluorene	10.23	166	84875	3.09	ng	95
66) 4-Bromophenyl-phenylether	10.48	248	33600	4.49	ng	# 1

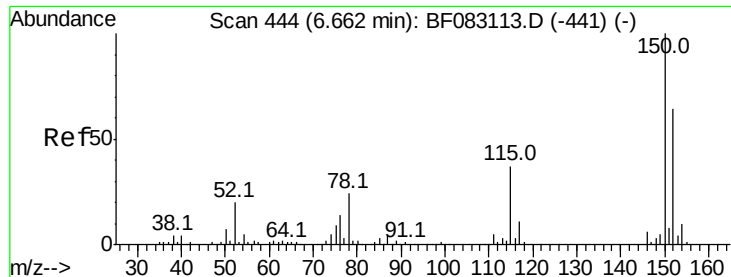
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01

Quant Time: Nov 23 03:37:19 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



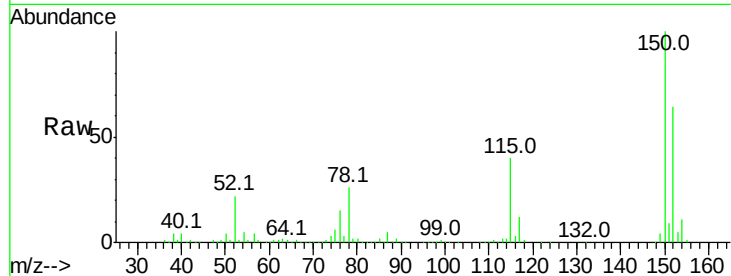


#1

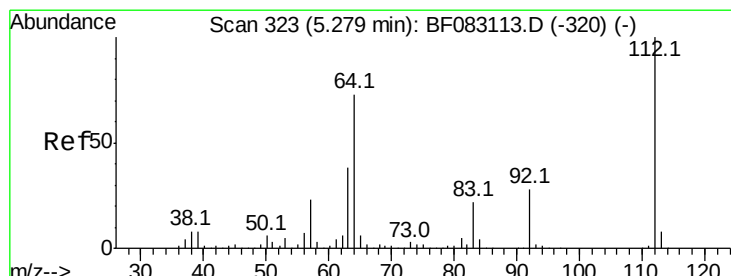
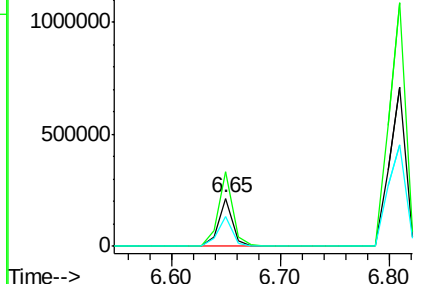
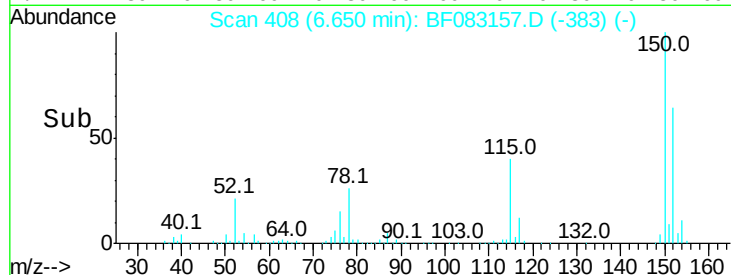
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF083157.D
 Acq: 22 Nov 2015 14:19

Instrument :
 BNA_F
 ClientSampled :
 MW-01

Tot Ion:152 Resp: 197679
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.8 188.8
 115 62.0 46.9 70.3



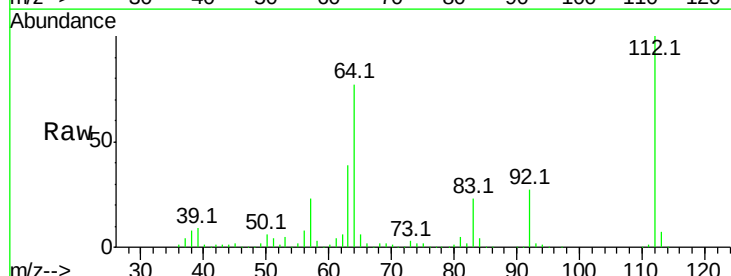
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



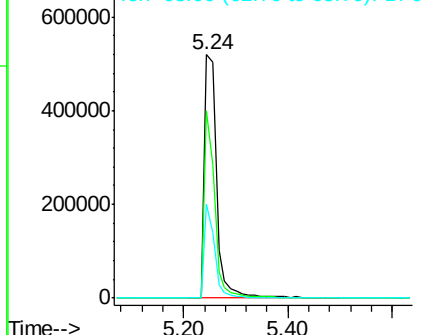
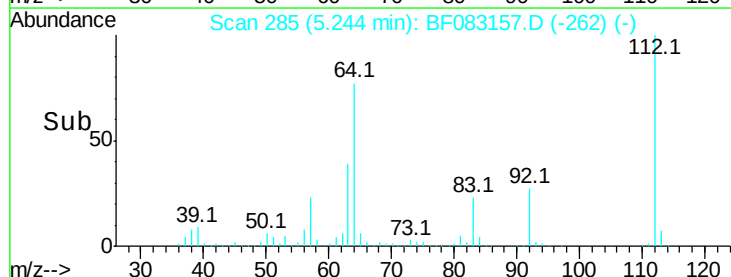
#5

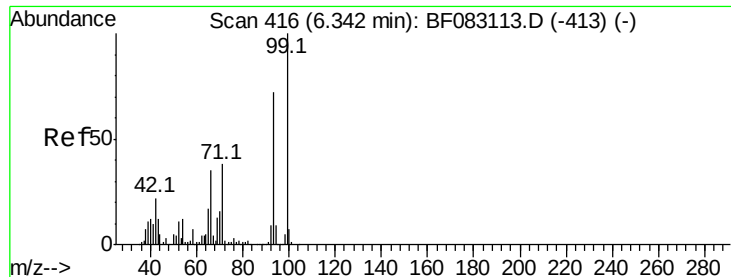
2-Fluorophenol
 Concen: 65.58 ng
 RT: 5.24 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF083157.D
 Acq: 22 Nov 2015 14:19

Tgt Ion:112 Resp: 857465
 Ion Ratio Lower Upper
 112 100
 64 76.8 58.4 87.6
 63 38.5 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: 44.80 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083157.D

Acq: 22 Nov 2015 14:19

Instrument :

BNA_F

ClientSampleId :

MW-01

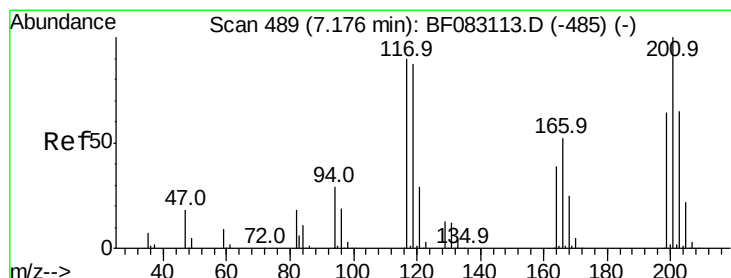
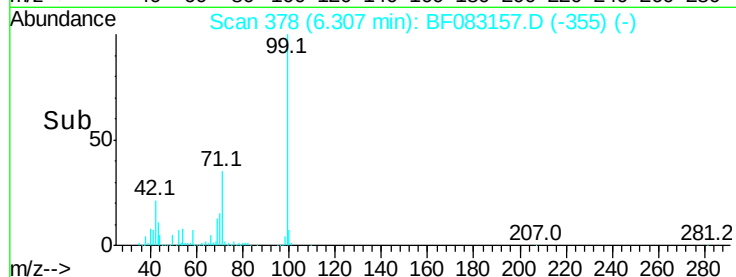
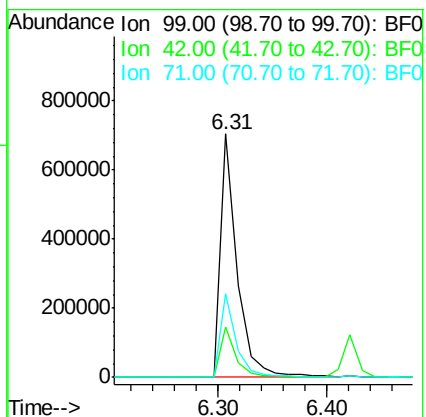
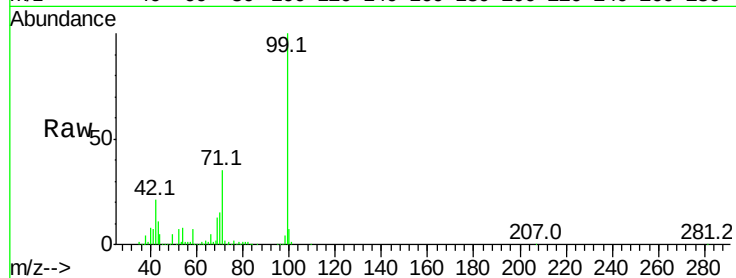
Tot Ion: 99 Resp: 757902

Ion Ratio Lower Upper

99 100

42 20.9 17.7 26.5

71 34.5 30.2 45.4



#18

Hexachloroethane

Concen: 23.10 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF083157.D

Acq: 22 Nov 2015 14:19

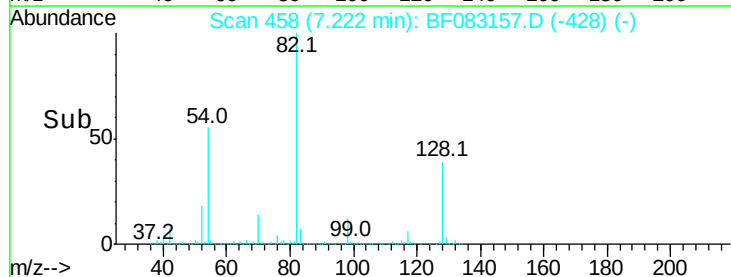
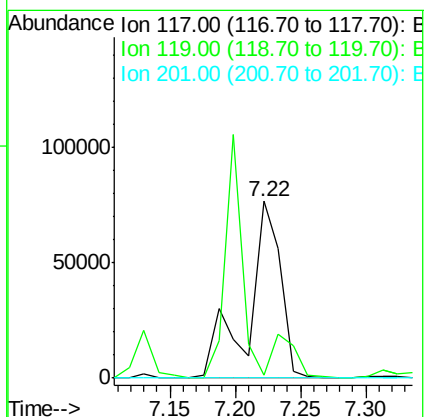
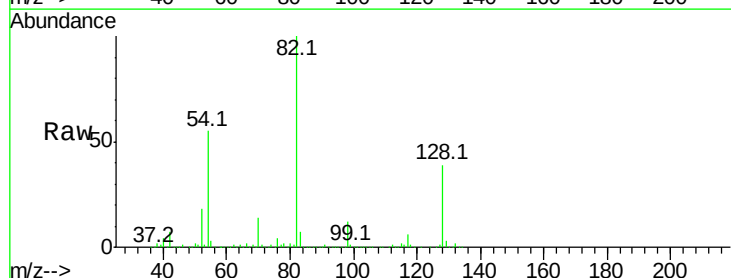
Tgt Ion: 117 Resp: 132786

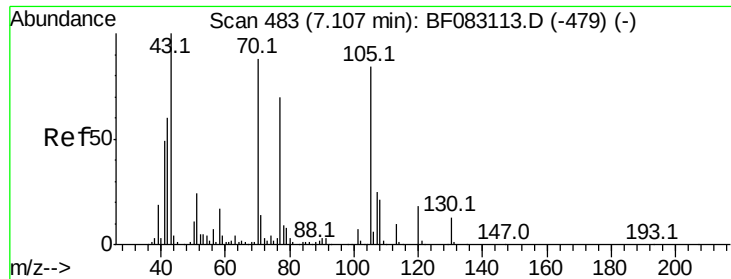
Ion Ratio Lower Upper

117 100

119 1.9 76.8 115.2#

201 0.0 88.6 133.0#





#19

n-Nitroso-di-n-propylamine

Concen: 16.71 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083157.D

Acq: 22 Nov 2015 14:19

Instrument :

BNA_F

ClientSampleId :

MW-01

Tot Ion: 70 Resp: 196735

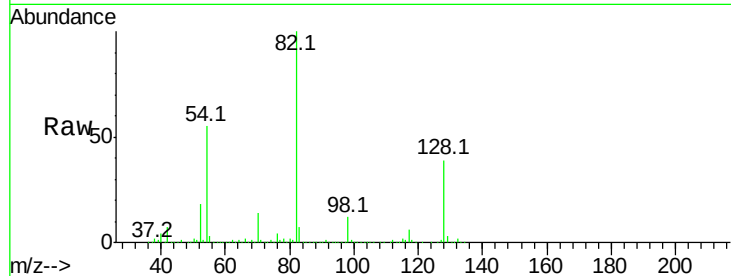
Ion Ratio Lower Upper

70 100

42 50.1 54.5 81.7#

101 0.2 6.6 9.8#

130 2.0 11.5 17.3#

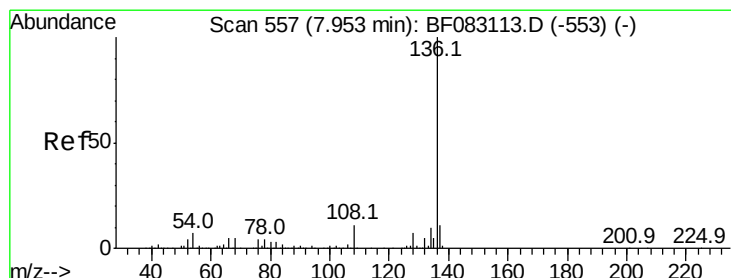
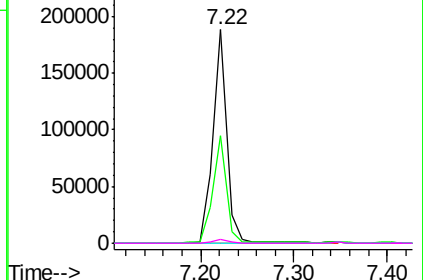
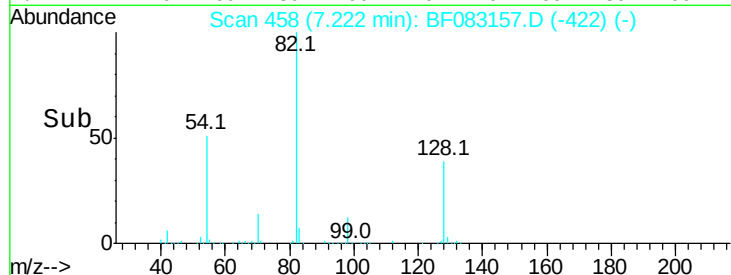


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083157.D

Acq: 22 Nov 2015 14:19

Tgt Ion:136 Resp: 754220

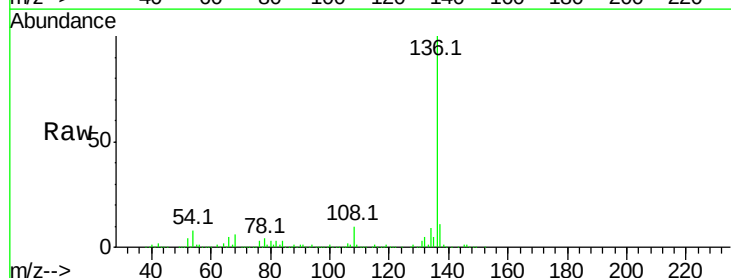
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.6 5.8 8.6

68 6.1 3.8 5.8#

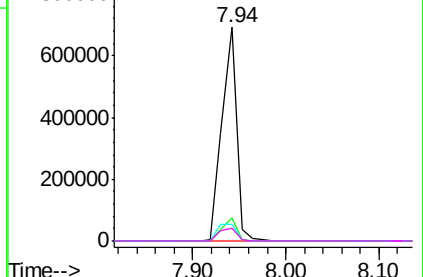
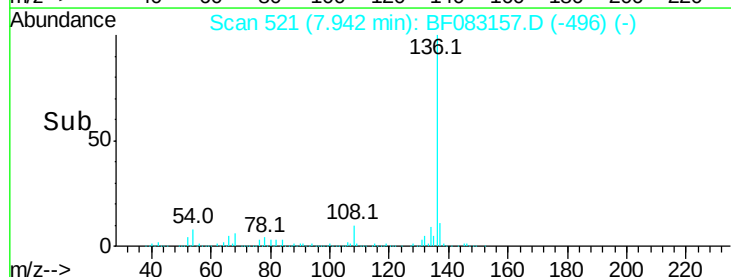


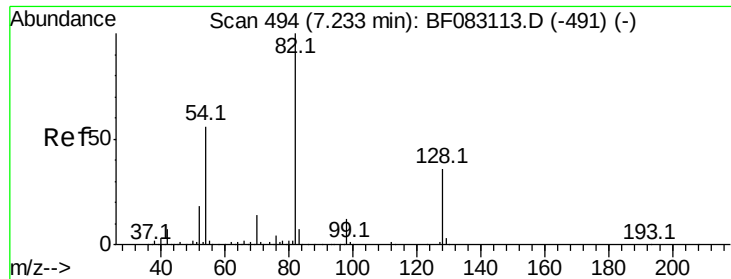
Abundance Ion 136.00 (135.70 to 136.70): E

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



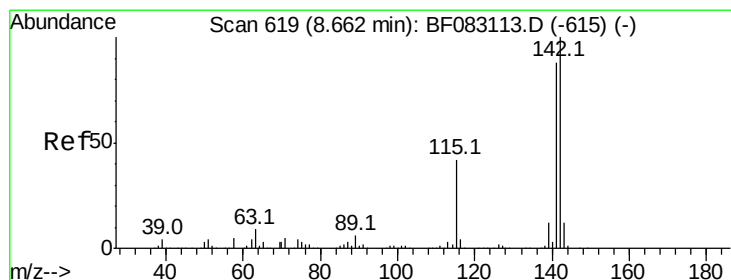
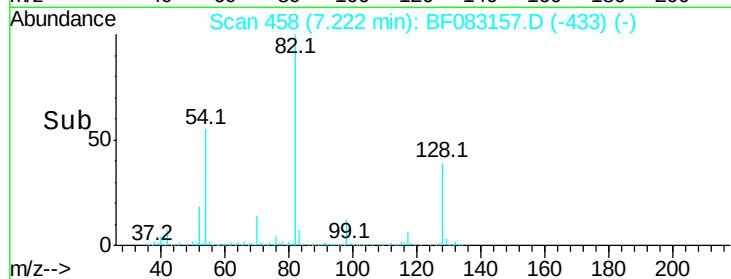
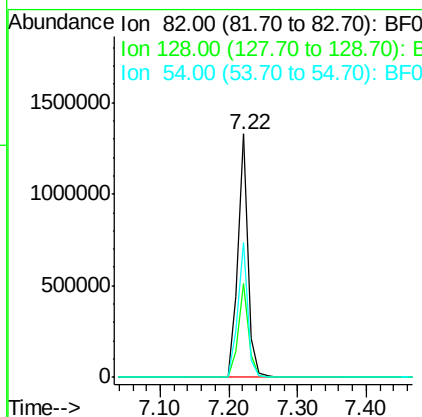
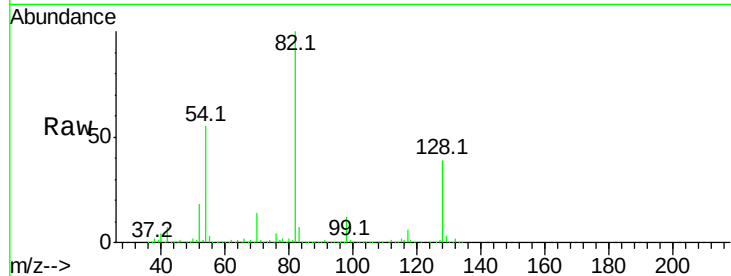


#23
 Nitrobenzene-d5
 Concen: 84.91 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083157.D
 Acq: 22 Nov 2015 14:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion: 82 Resp: 1401553

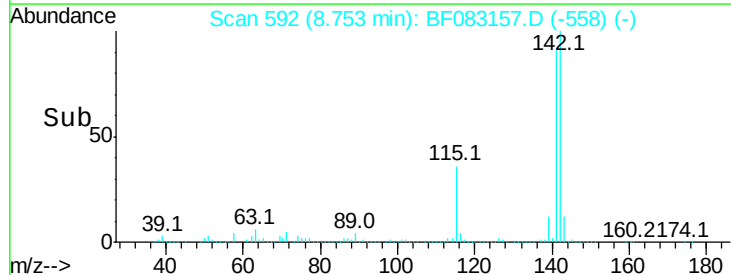
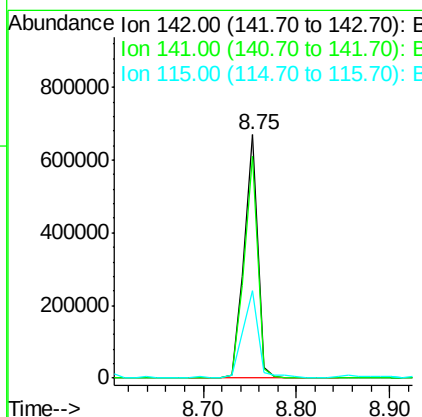
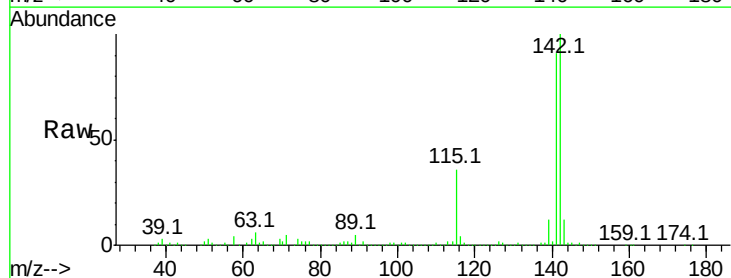
Ion	Ratio	Lower	Upper
82	100		
128	38.8	28.5	42.7
54	55.2	44.6	67.0

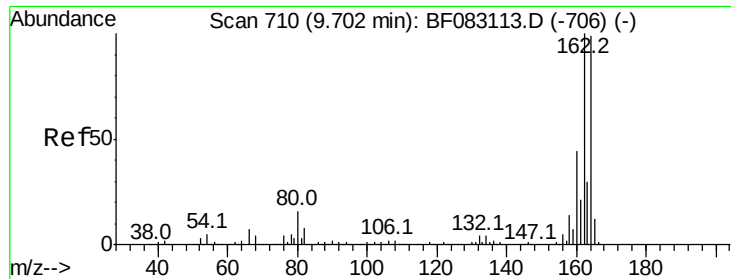


#37
 2-Methylnaphthalene
 Concen: 26.00 ng
 RT: 8.75 min Scan# 592
 Delta R.T. 0.09 min
 Lab File: BF083157.D
 Acq: 22 Nov 2015 14:19

Tgt Ion: 142 Resp: 686881

Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.3	105.5
115	36.0	33.4	50.2

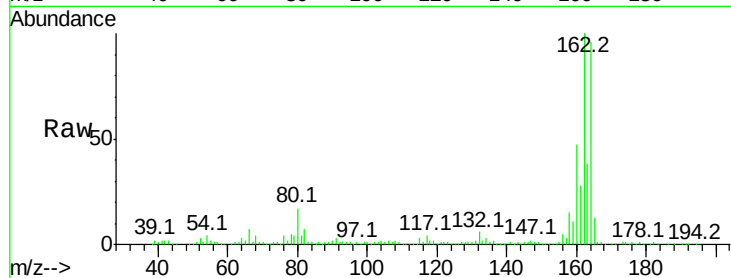




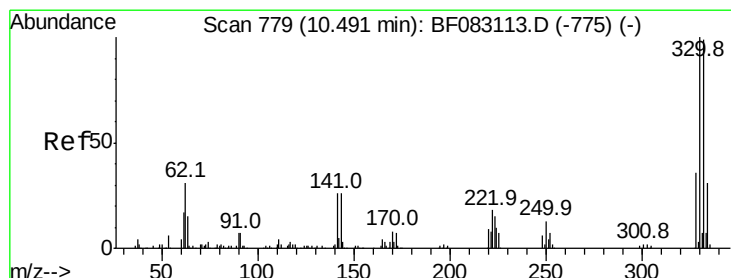
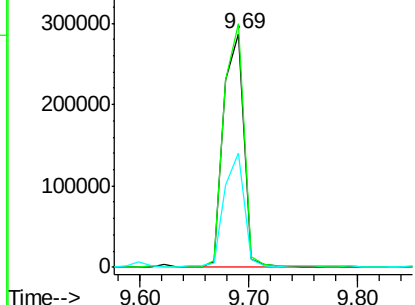
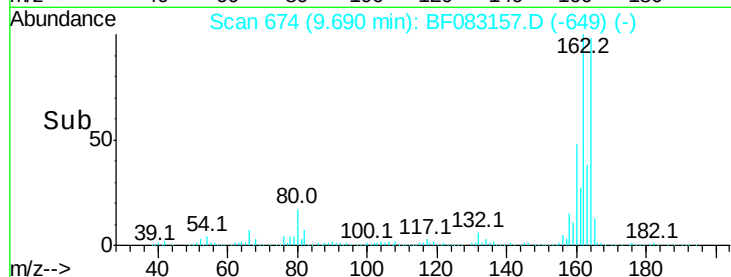
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion:164 Resp: 372457
Ion Ratio Lower Upper
164 100
162 104.1 81.2 121.8
160 48.9 35.6 53.4

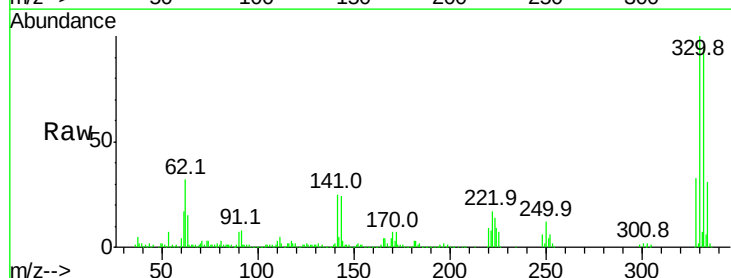


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

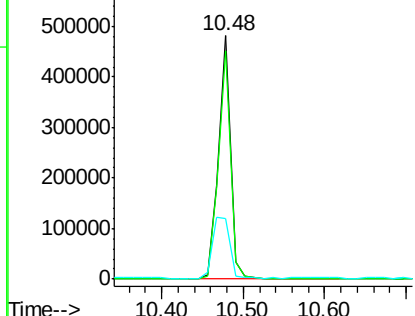
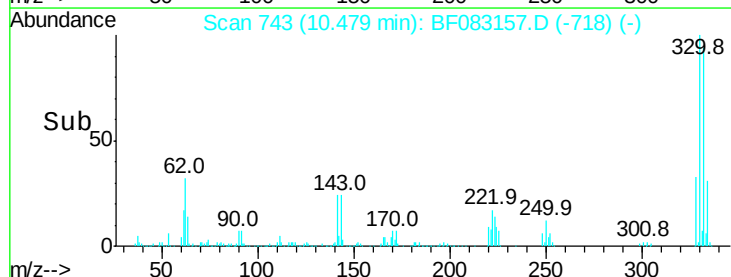


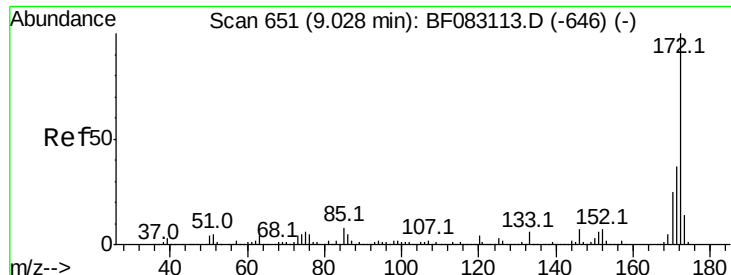
#41
2,4,6-Tribromophenol
Concen: 130.49 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

Tgt Ion:330 Resp: 497236
Ion Ratio Lower Upper
330 100
332 95.2 77.7 116.5
141 36.6 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

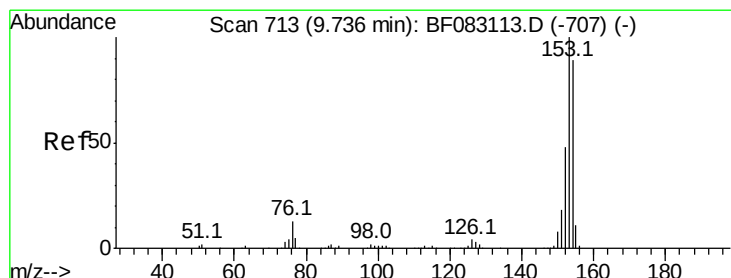
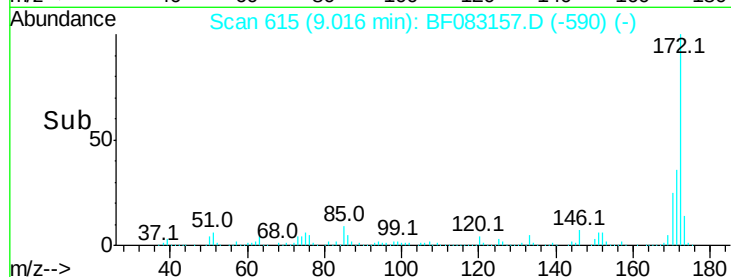
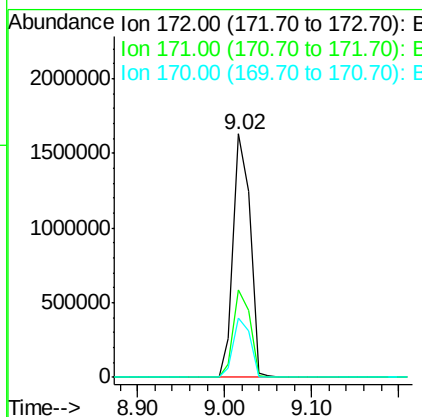
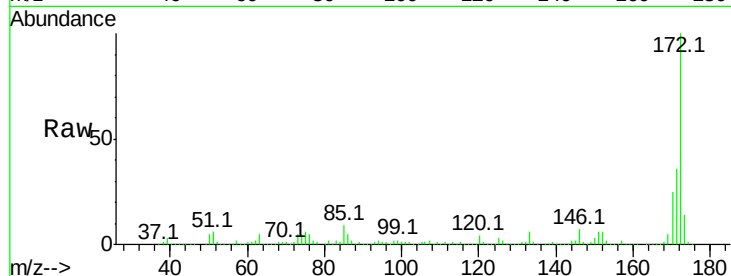




#44
2-Fluorobiphenyl
Concen: 82.04 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

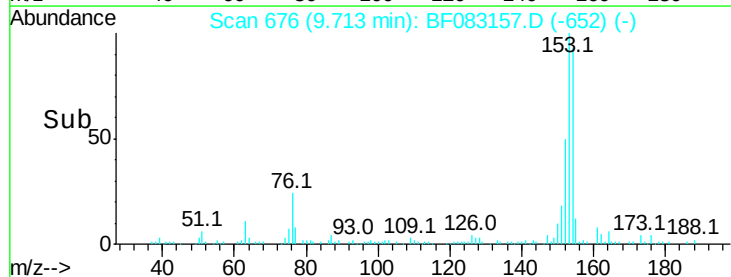
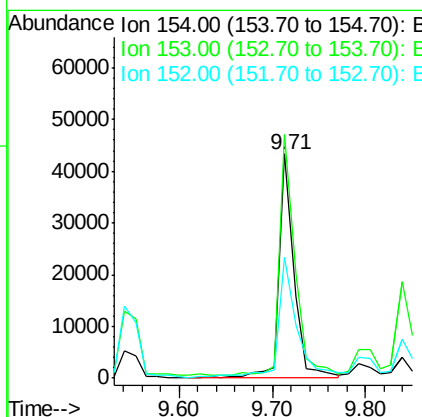
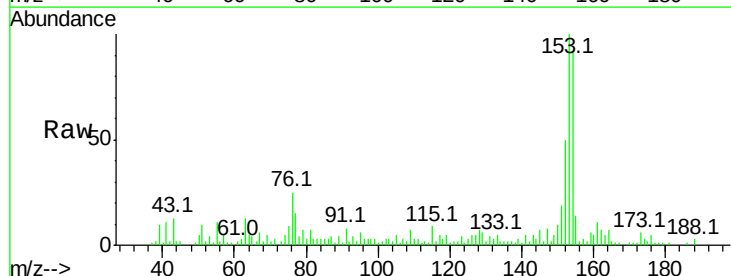
Instrument :
BNA_F
ClientSampleId :
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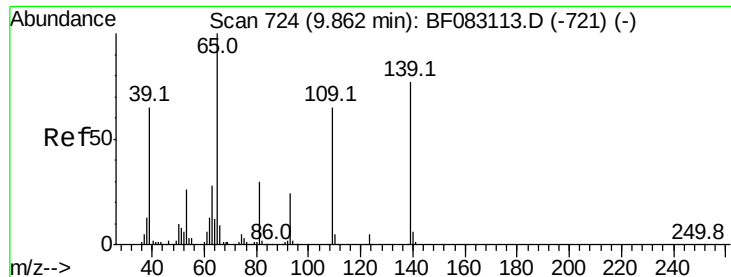
Tot Ion:172 Resp: 2191224
Ion Ratio Lower Upper
172 100
171 36.1 29.5 44.3
170 24.6 19.9 29.9



#51
Acenaphthene
Concen: 2.03 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

Tgt Ion:154 Resp: 47606
Ion Ratio Lower Upper
154 100
153 108.7 89.6 134.4
152 53.9 43.3 64.9

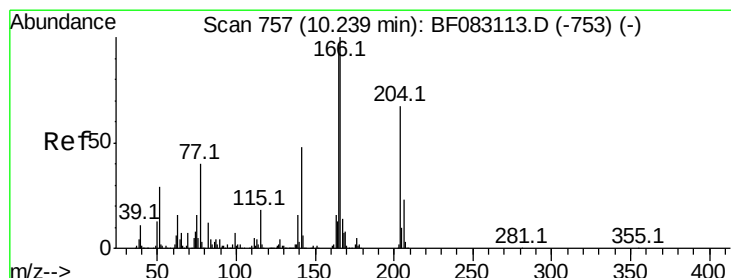
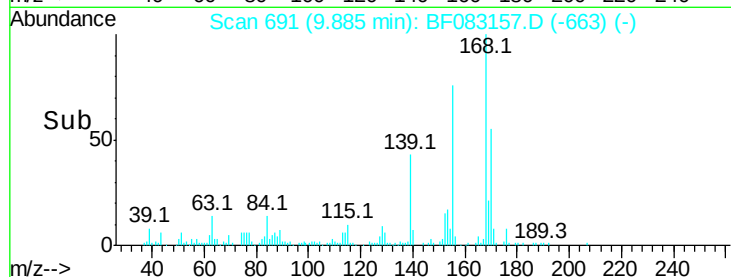
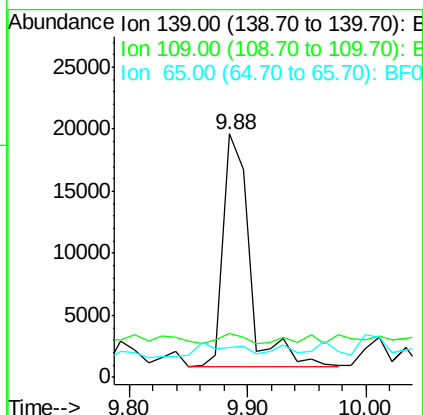
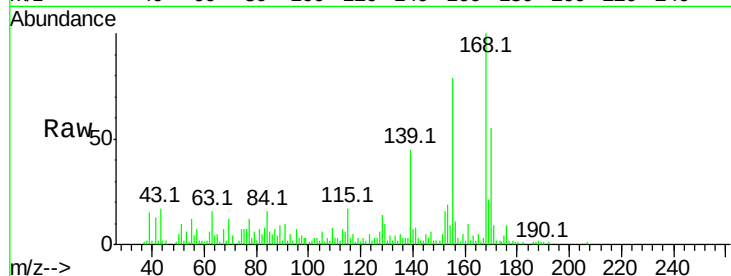




#55
4-Nitrophenol
Concen: 5.46 ng
RT: 9.88 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

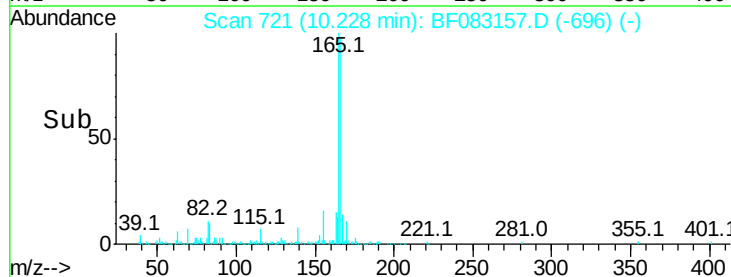
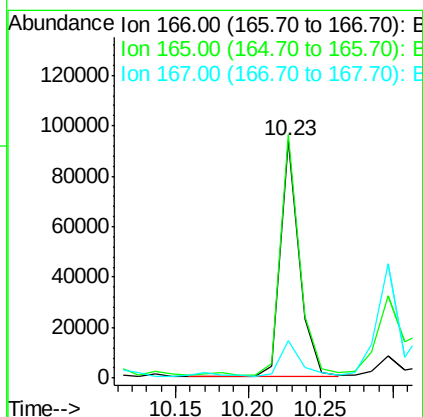
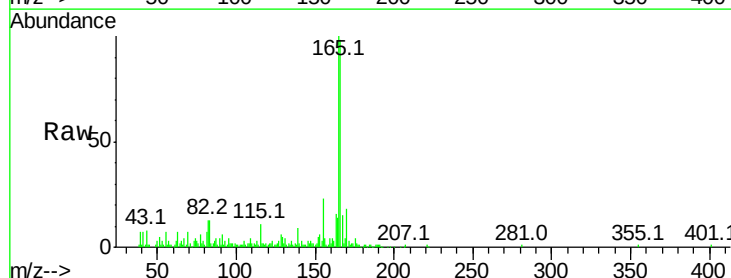
Instrument :
BNA_F
ClientSampled :
MW-01

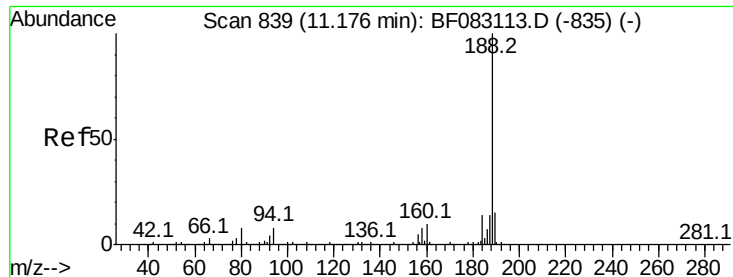
Tot Ion:139 Resp: 28733
Ion Ratio Lower Upper
139 100
109 18.0 64.0 104.0#
65 12.1 109.5 149.5#



#57
Fluorene
Concen: 3.09 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

Tgt Ion:166 Resp: 84875
Ion Ratio Lower Upper
166 100
165 102.5 78.0 117.0
167 15.8 11.3 16.9

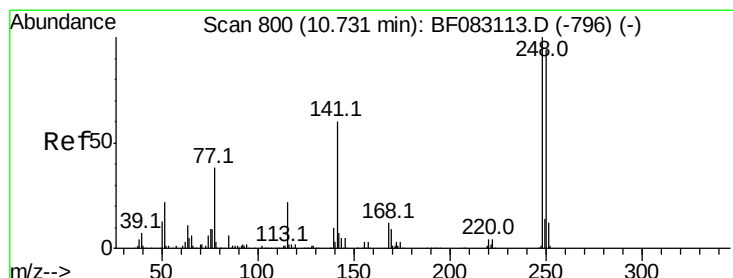
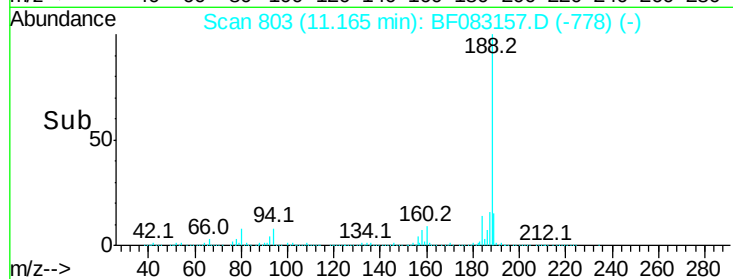
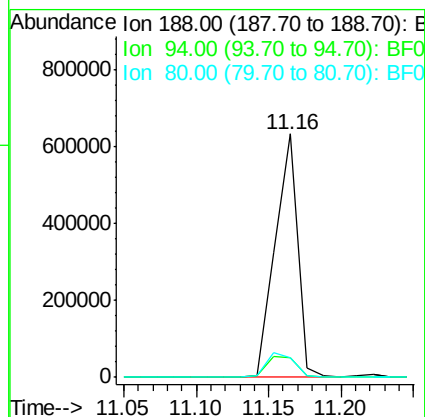
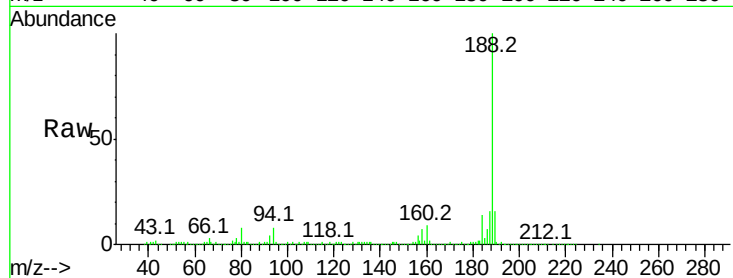




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

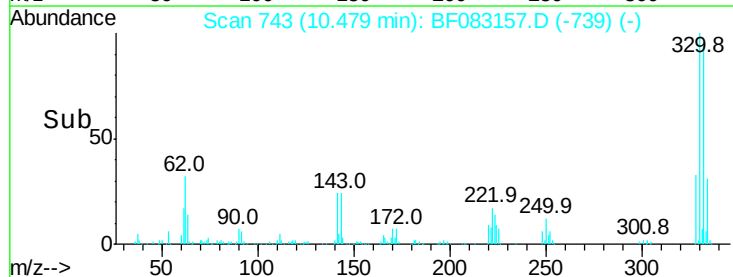
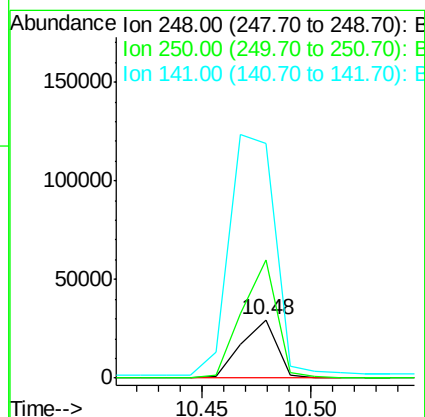
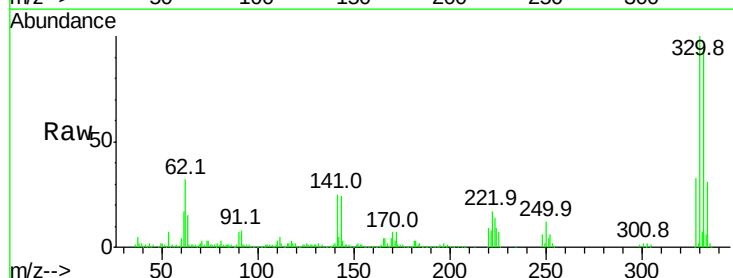
Instrument :
BNA_F
ClientSampleId :
MW-01

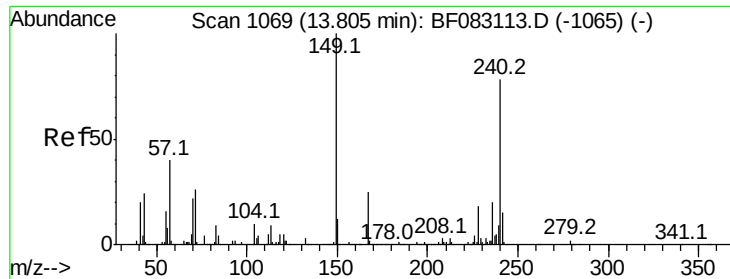
Tot Ion:188 Resp: 674862
Ion Ratio Lower Upper
188 100
94 8.1 6.0 9.0
80 8.2 6.7 10.1



#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.25 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

Tgt Ion:248 Resp: 33600
Ion Ratio Lower Upper
248 100
250 203.3 75.4 113.2#
141 404.1 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083157.D

Acq: 22 Nov 2015 14:19

Instrument :

BNA_F

ClientSampleId :

MW-01

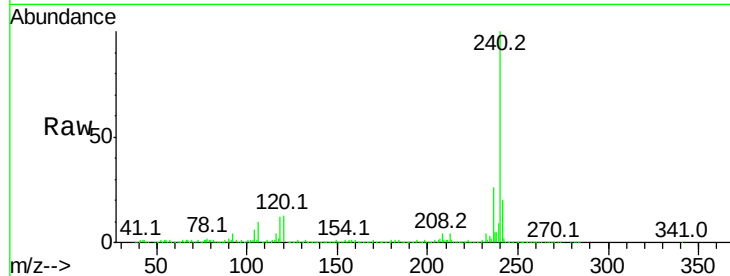
Tot Ion:240 Resp: 551851

Ion Ratio Lower Upper

240 100

120 13.0 5.4 8.2#

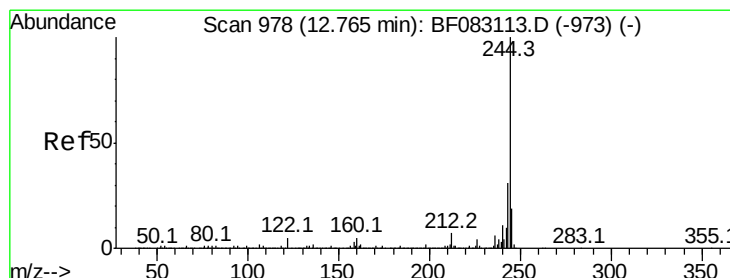
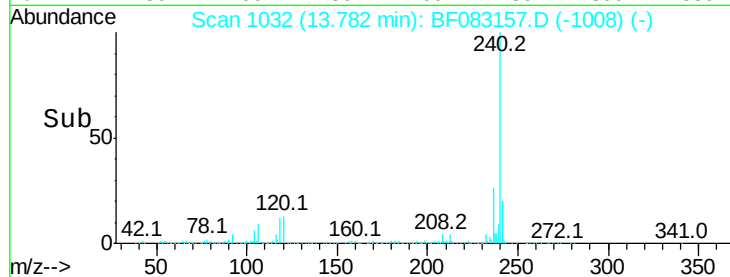
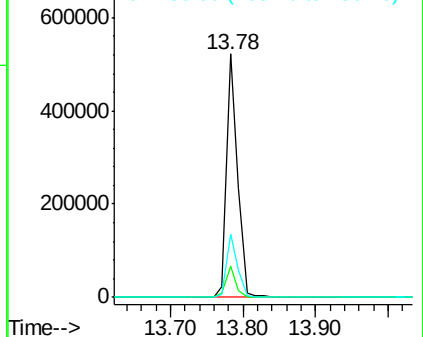
236 26.1 20.6 31.0



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: 82.29 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083157.D

Acq: 22 Nov 2015 14:19

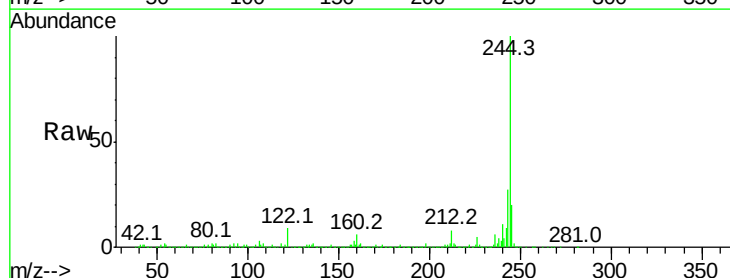
Tgt Ion:244 Resp: 1928334

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

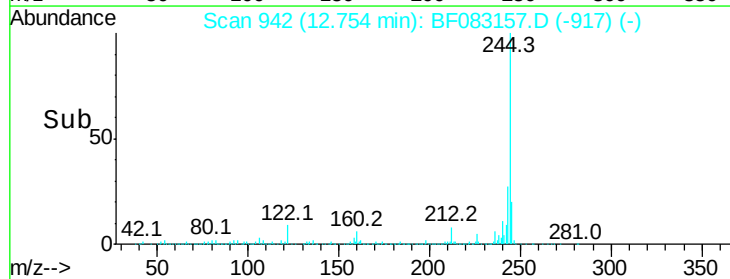
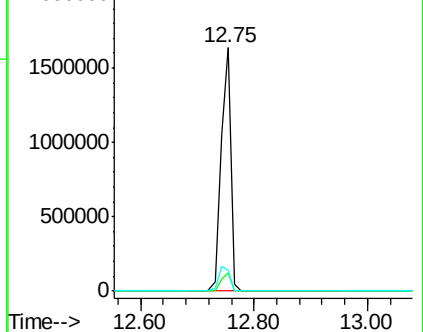
122 8.7 4.3 6.5#

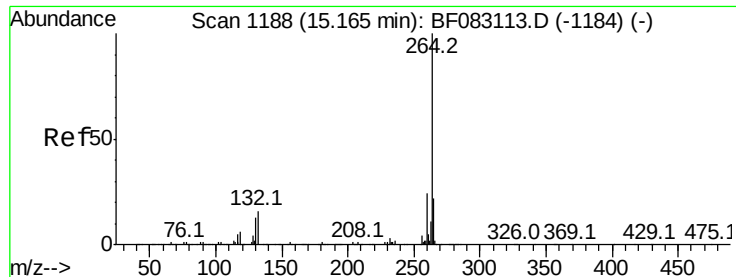


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083157.D
Acq: 22 Nov 2015 14:19

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	20.5	18.2	27.4

