

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083168.D
 Acq On : 22 Nov 2015 19:42
 Operator : UM/IZ
 Sample : G4455-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Nov 23 03:40:33 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

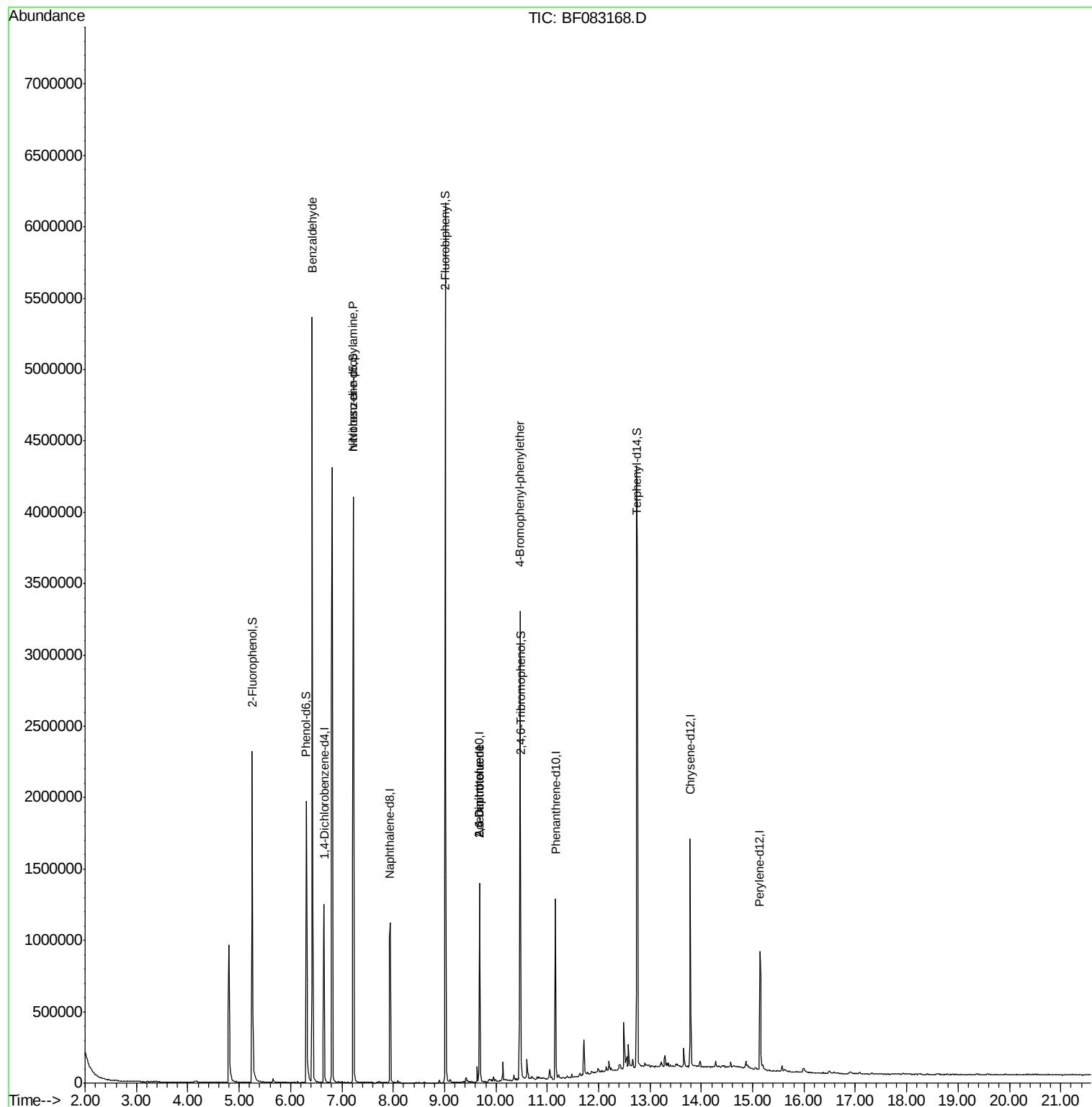
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	198075	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	742355	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	369553	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	677132	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	553638	20.00	ng	-0.02
86) Perylene-d12	15.14	264	450982	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	840810	64.18	ng	-0.02
7) Phenol-d6	6.31	99	743258	43.85	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1532454	94.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	481673	127.40	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2269056	85.62	ng	-0.01
78) Terphenyl-d14	12.75	244	1926409	81.94	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	35026	2.30	ng	# 75
19) n-Nitroso-di-n-propylamine	7.22	70	211099	17.89	ng	# 76
50) 2,6-Dinitrotoluene	9.68	165	47535	7.45	ng	# 13
56) 2,4-Dinitrotoluene	9.68	165	47539	5.88	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	31343	4.17	ng	# 1

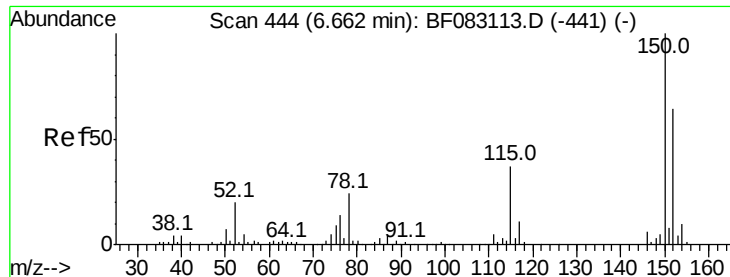
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Nov 23 03:40:33 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: BF083168.D

Acq: 22 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

MW-23

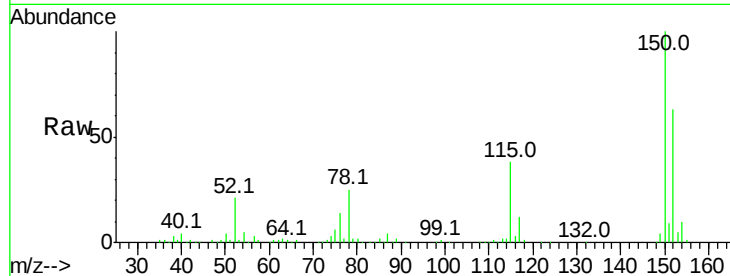
Tot Ion:152 Resp: 198075

Ion Ratio Lower Upper

152 100

150 158.5 125.8 188.8

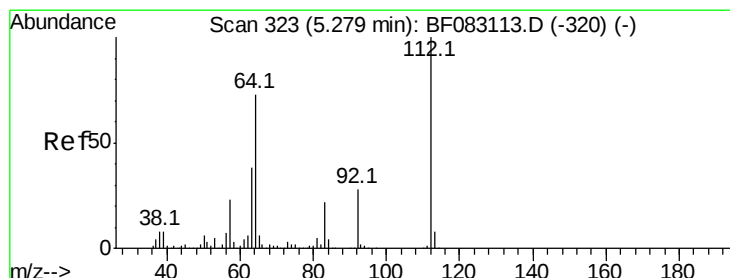
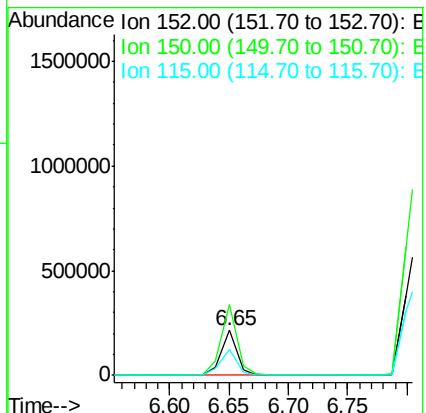
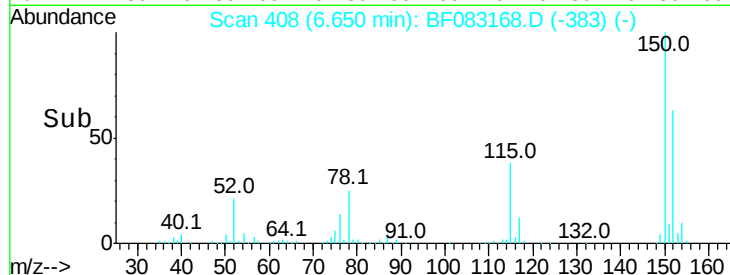
115 59.6 46.9 70.3



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: 64.18 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083168.D

Acq: 22 Nov 2015 19:42

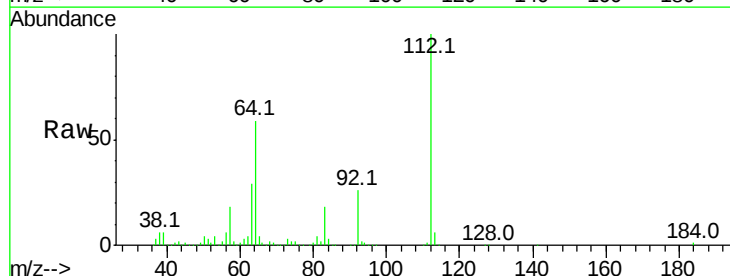
Tgt Ion:112 Resp: 840810

Ion Ratio Lower Upper

112 100

64 59.4 58.4 87.6

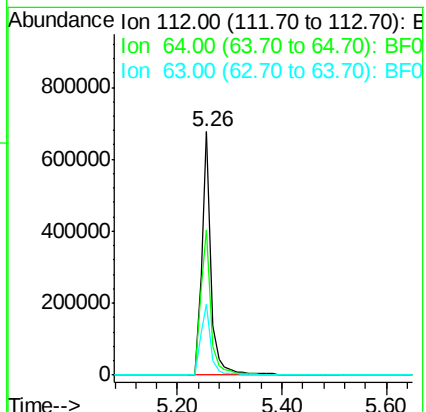
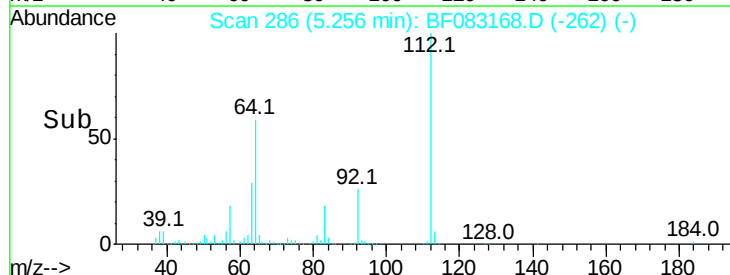
63 29.1 30.0 45.0#

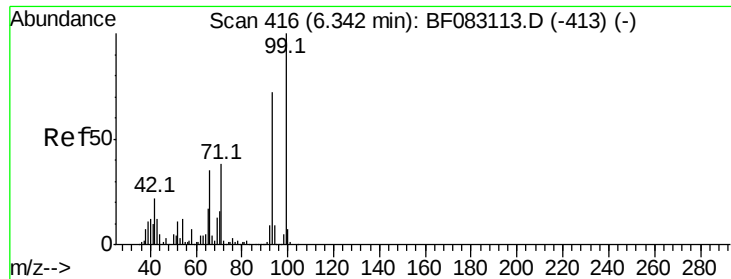


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.85 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083168.D

Acq: 22 Nov 2015 19:42

Instrument :

BNA_F

ClientSampled :

MW-23

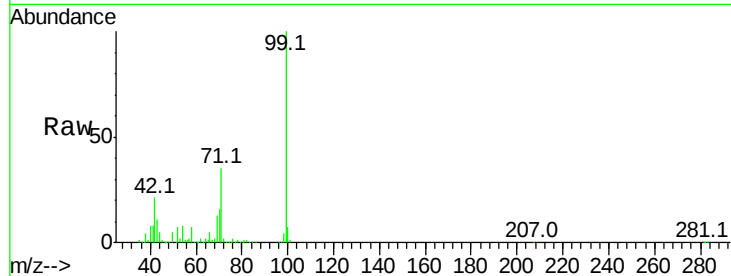
Tot Ion: 99 Resp: 743258

Ion Ratio Lower Upper

99 100

42 21.4 17.7 26.5

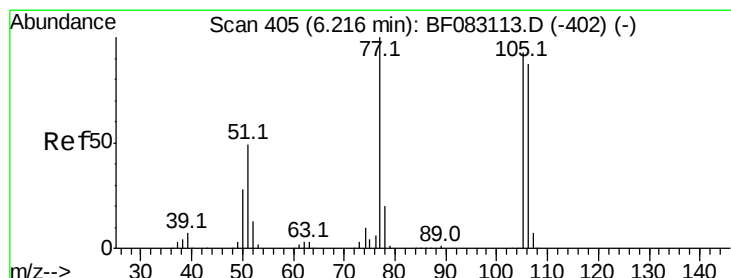
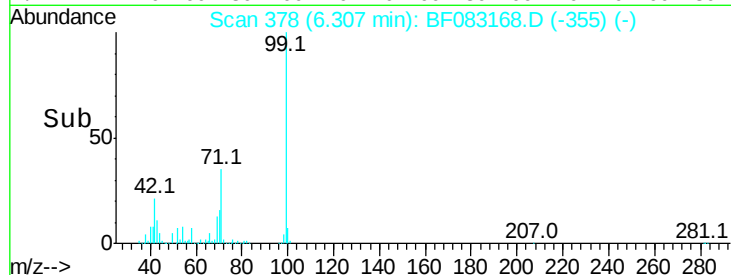
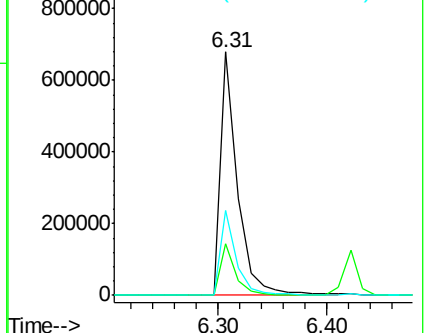
71 34.7 30.2 45.4



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



#9

Benzaldehyde

Concen: 2.30 ng

RT: 6.42 min Scan# 388

Delta R.T. 0.21 min

Lab File: BF083168.D

Acq: 22 Nov 2015 19:42

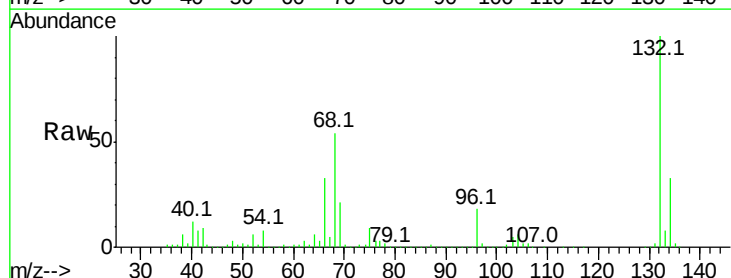
Tgt Ion: 77 Resp: 35026

Ion Ratio Lower Upper

77 100

105 72.4 73.4 113.4#

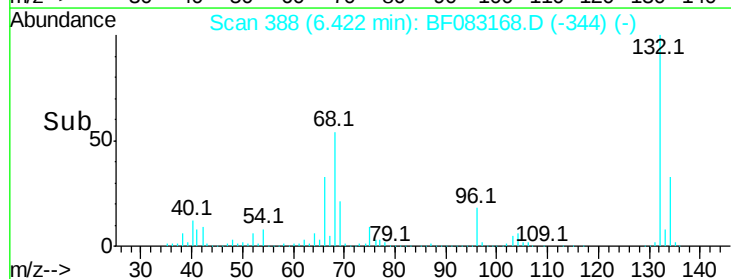
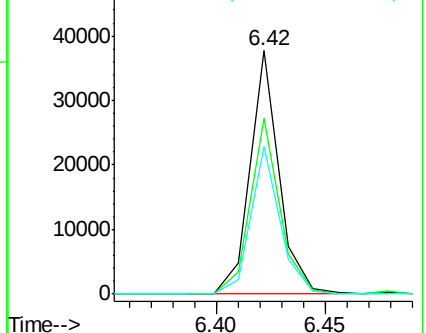
106 60.6 67.5 107.5#

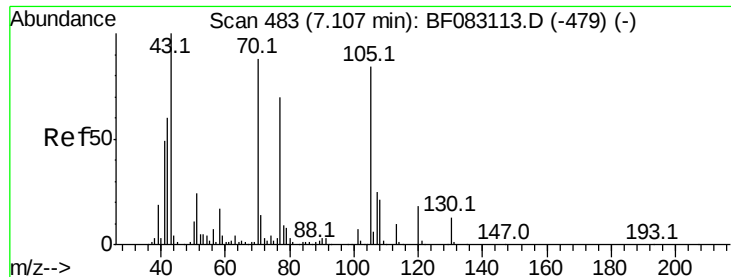


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

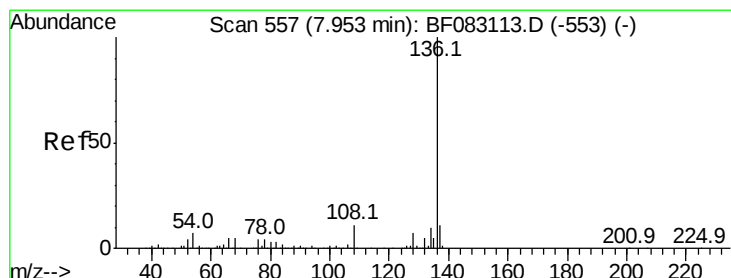
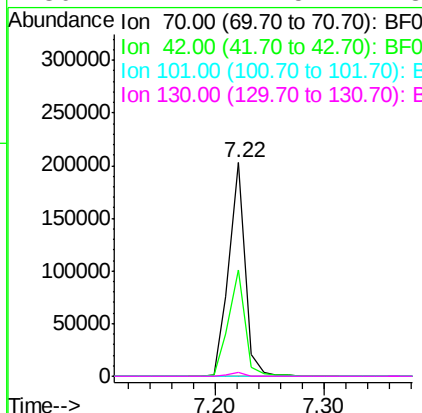
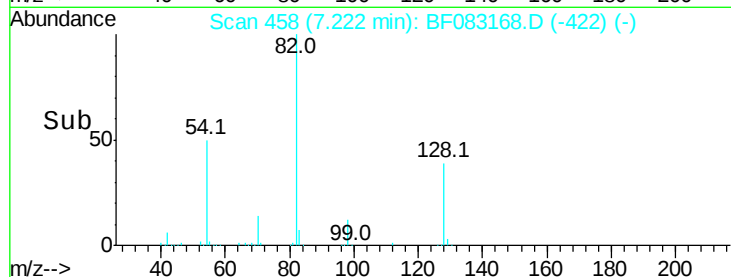
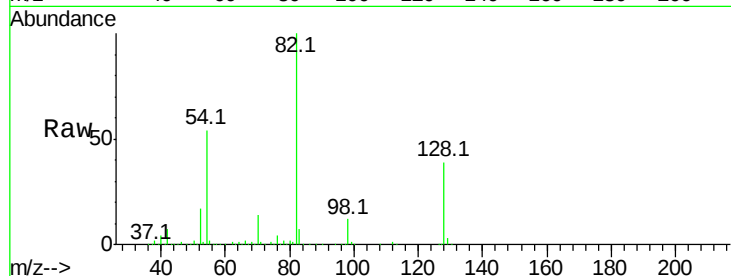




#19
n-Nitroso-di-n-propylamine
Concen: 17.89 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083168.D
Acq: 22 Nov 2015 19:42

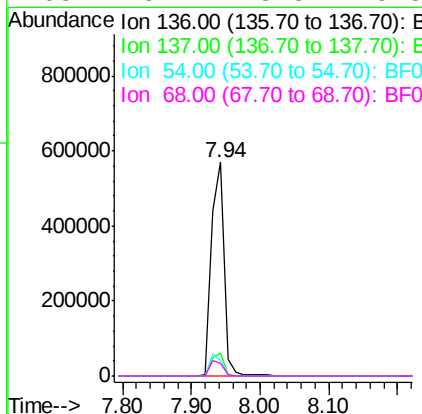
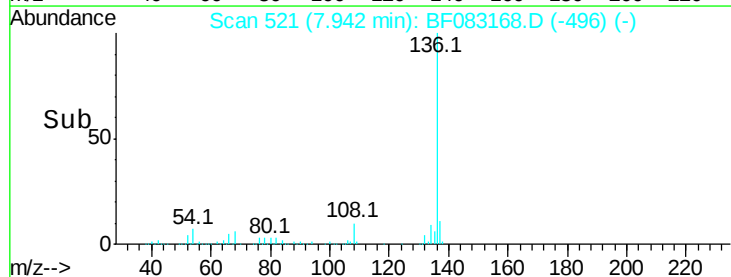
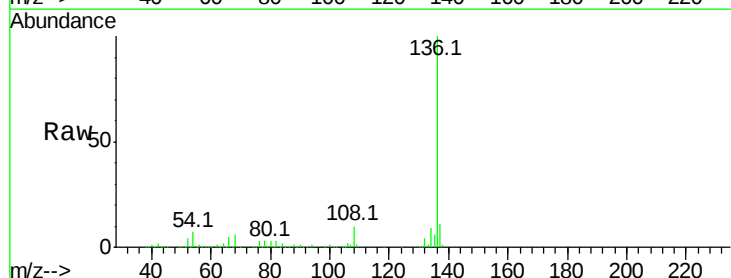
Instrument :
BNA_F
ClientSampleId :
MW-23

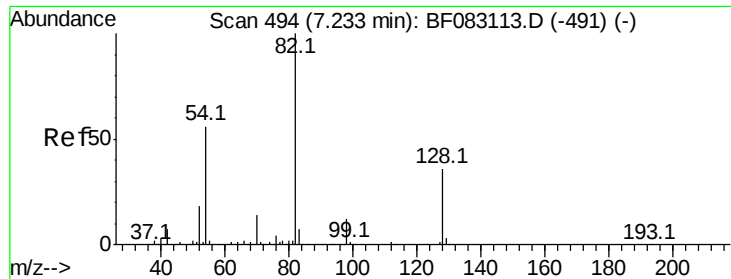
Tot Ion: 70 Resp: 211099
Ion Ratio Lower Upper
70 100
42 50.0 54.5 81.7#
101 0.0 6.6 9.8#
130 1.7 11.5 17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083168.D
Acq: 22 Nov 2015 19:42

Tgt Ion:136 Resp: 742355
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.2 5.8 8.6
68 5.7 3.8 5.8

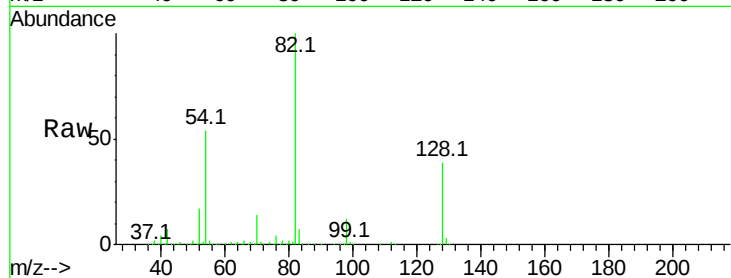




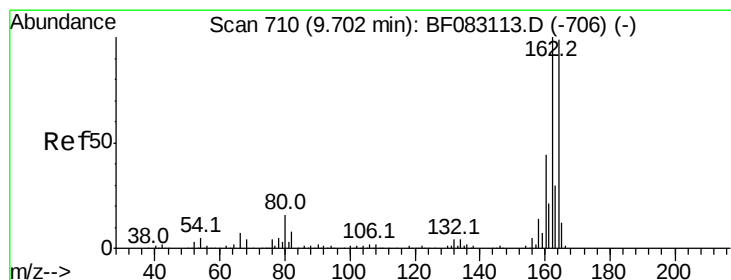
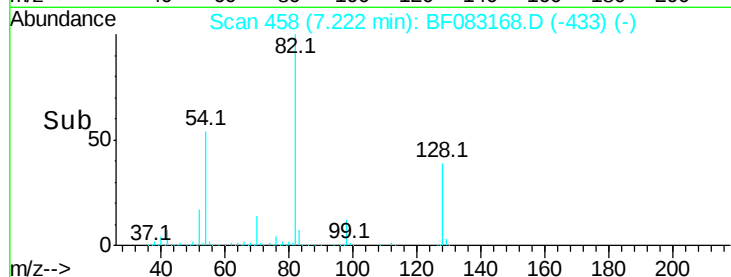
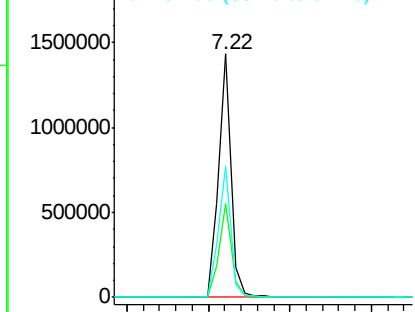
#23
Nitrobenzene-d5
Concen: 94.33 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083168.D
Acq: 22 Nov 2015 19:42

Instrument :
BNA_F
ClientSampleId :
MW-23

Tot Ion: 82 Resp: 1532454
Ion Ratio Lower Upper
82 100
128 38.6 28.5 42.7
54 53.8 44.6 67.0

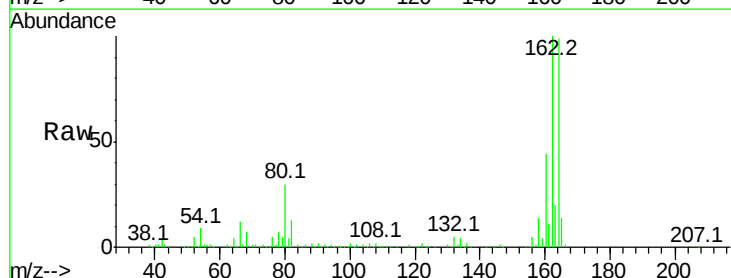


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

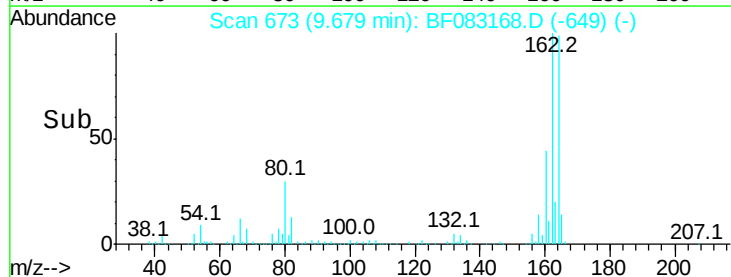
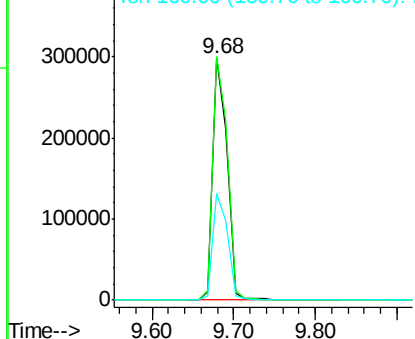


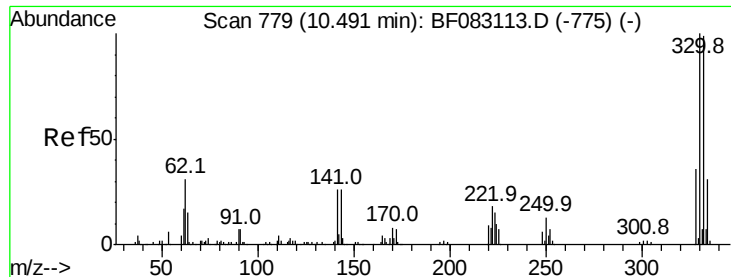
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083168.D
Acq: 22 Nov 2015 19:42

Tgt Ion:164 Resp: 369553
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 43.9 35.6 53.4



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

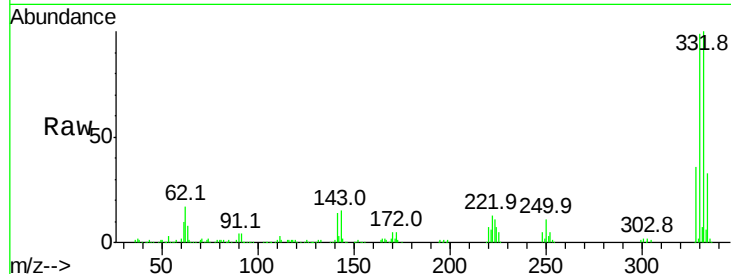




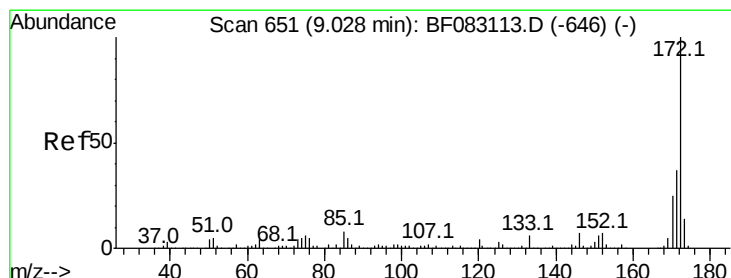
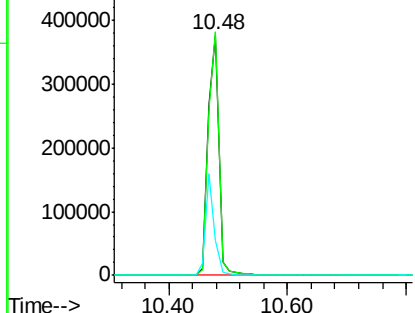
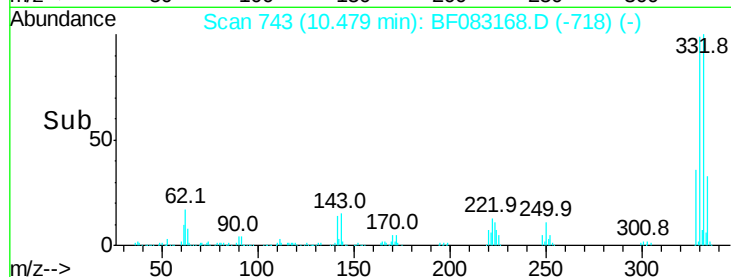
#41
 2,4,6-Tribromophenol
 Concen: 127.40 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083168.D
 Acq: 22 Nov 2015 19:42

Instrument :
 BNA_F
 ClientSampled :
 MW-23

Tot Ion:330 Resp: 481673
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.7 116.5
 141 35.1 29.7 44.5

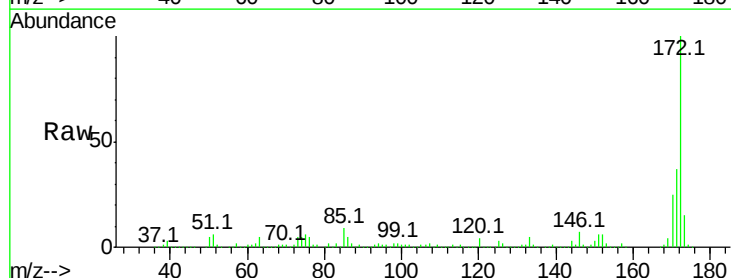


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

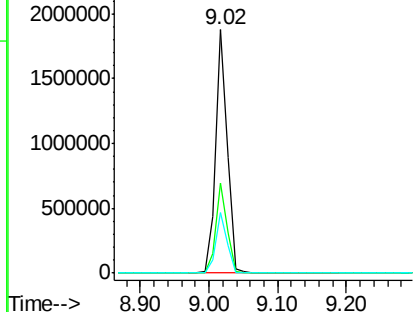
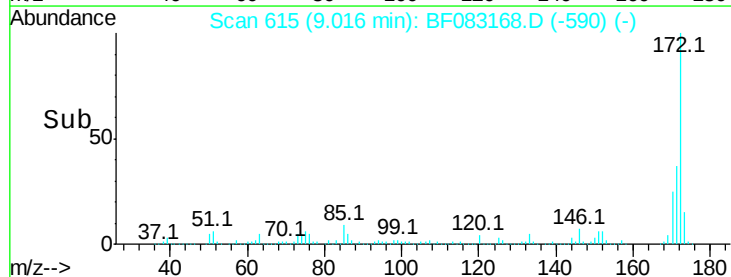


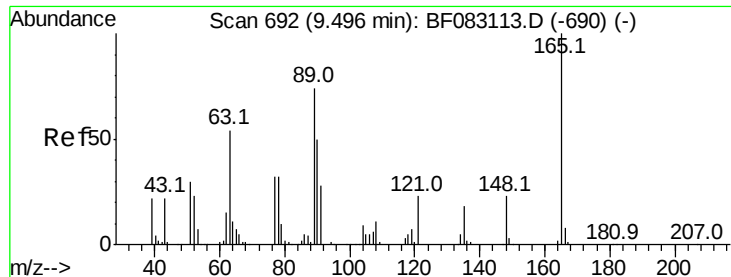
#44
 2-Fluorobiphenyl
 Concen: 85.62 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083168.D
 Acq: 22 Nov 2015 19:42

Tgt Ion:172 Resp: 2269056
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.5 44.3
 170 25.1 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

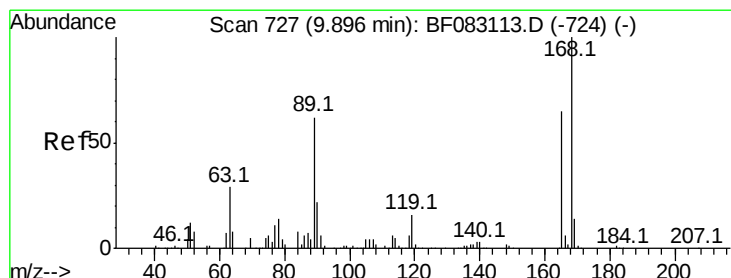
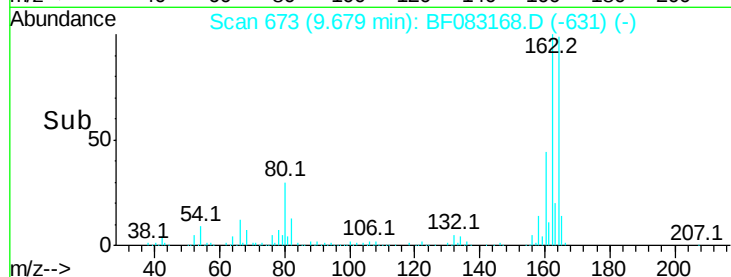
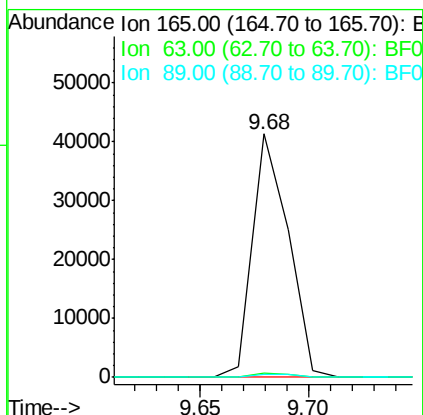
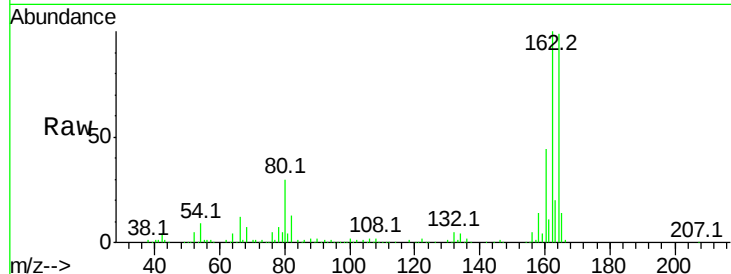




#50
2,6-Dinitrotoluene
Concen: 7.45 ng
RT: 9.68 min Scan# 673
Delta R.T. 0.18 min
Lab File: BF083168.D
Acq: 22 Nov 2015 19:42

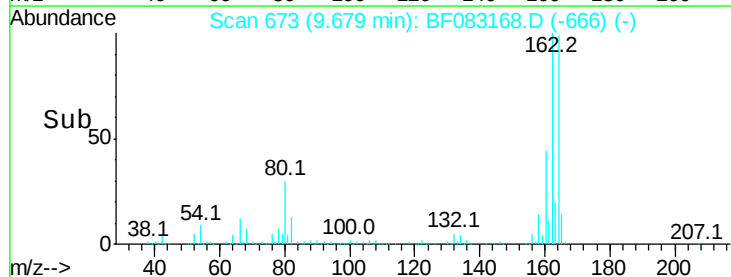
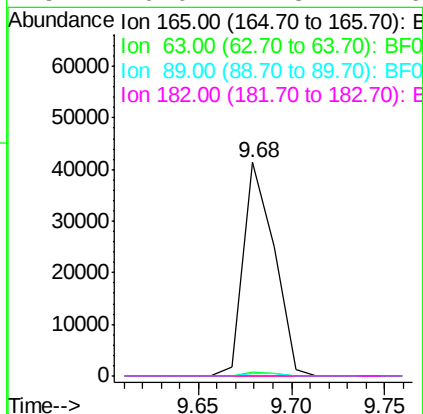
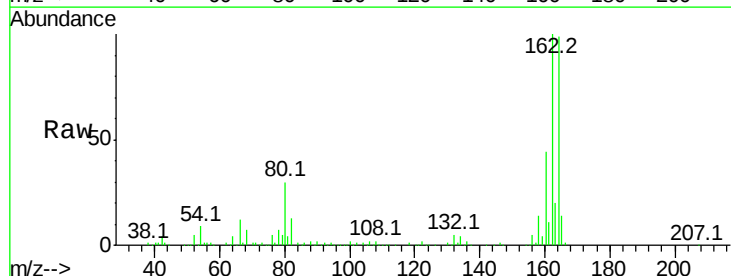
Instrument :
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MW-23

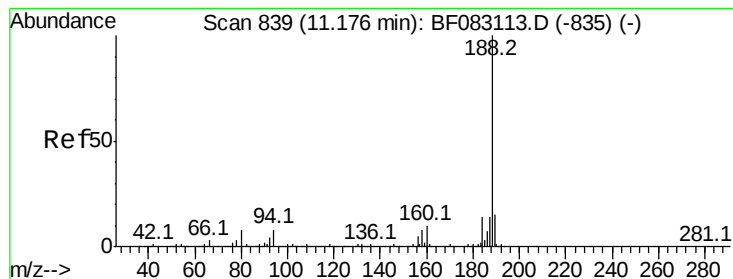
Tot Ion:165 Resp: 47535
Ion Ratio Lower Upper
165 100
63 1.6 62.5 93.7#
89 1.5 59.1 88.7#



#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083168.D
Acq: 22 Nov 2015 19:42

Tgt Ion:165 Resp: 47539
Ion Ratio Lower Upper
165 100
63 1.6 54.5 81.7#
89 1.5 77.3 115.9#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083168.D

Acq: 22 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

MW-23

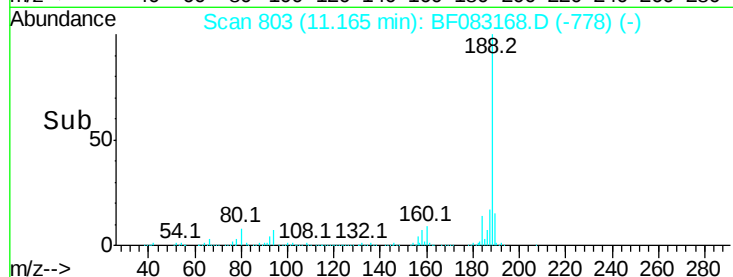
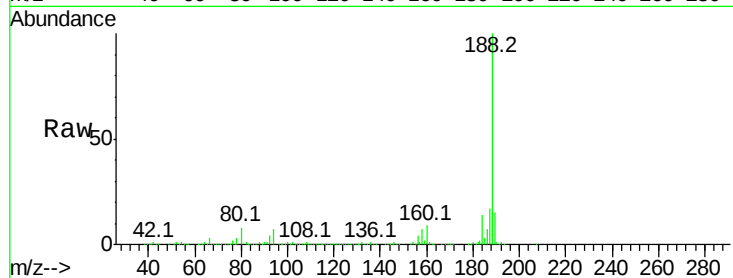
Tot Ion:188 Resp: 677132

Ion Ratio Lower Upper

188 100

94 7.4 6.0 9.0

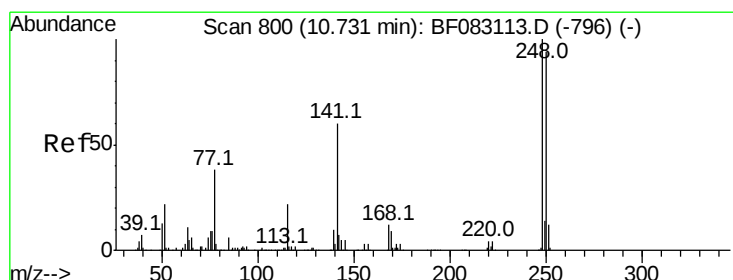
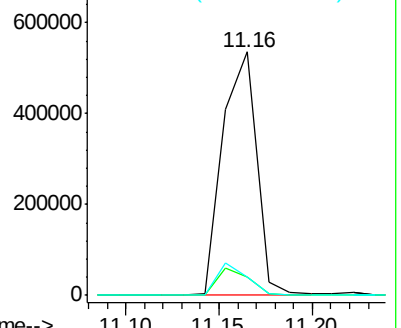
80 7.8 6.7 10.1



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



#66

4-Bromophenyl-phenylether

Concen: 4.17 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.26 min

Lab File: BF083168.D

Acq: 22 Nov 2015 19:42

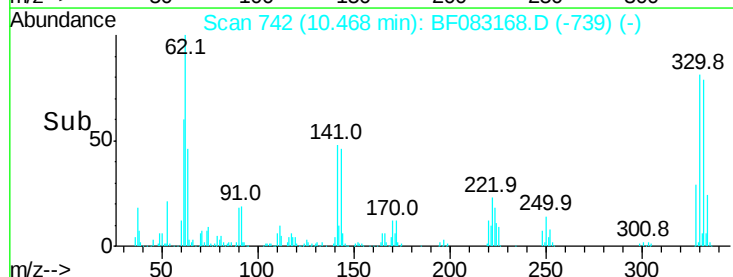
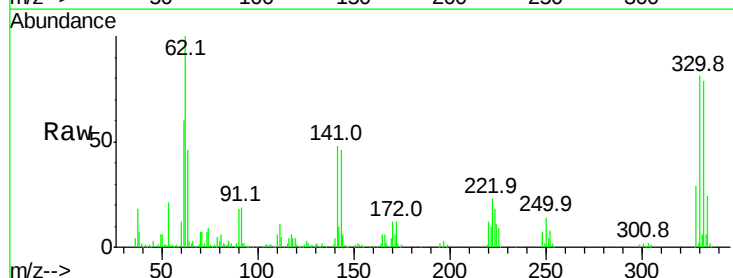
Tgt Ion:248 Resp: 31343

Ion Ratio Lower Upper

248 100

250 200.9 75.4 113.2#

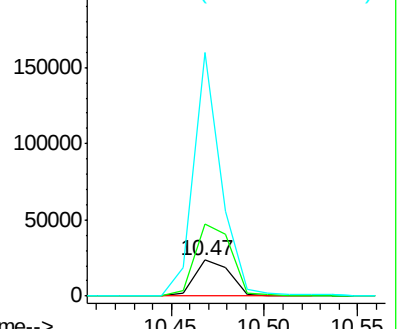
141 674.9 48.1 72.1#

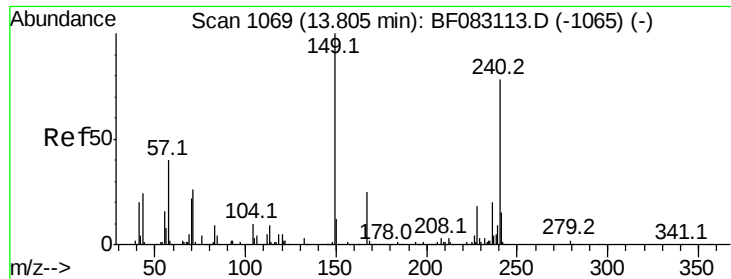


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083168.D

Acq: 22 Nov 2015 19:42

Instrument :

BNA_F

ClientSampleId :

MW-23

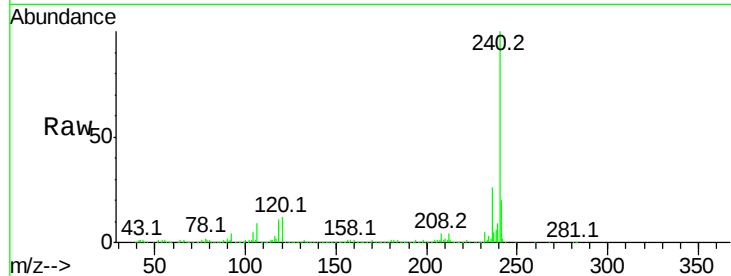
Tot Ion:240 Resp: 553638

Ion Ratio Lower Upper

240 100

120 11.8 5.4 8.2#

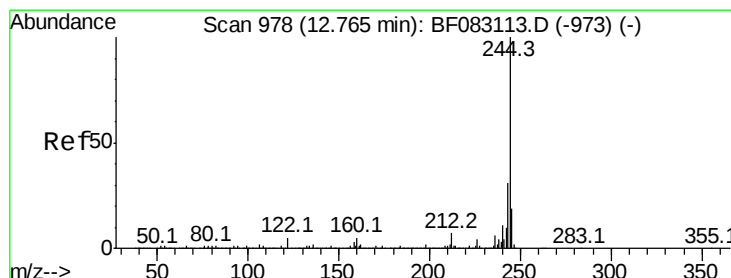
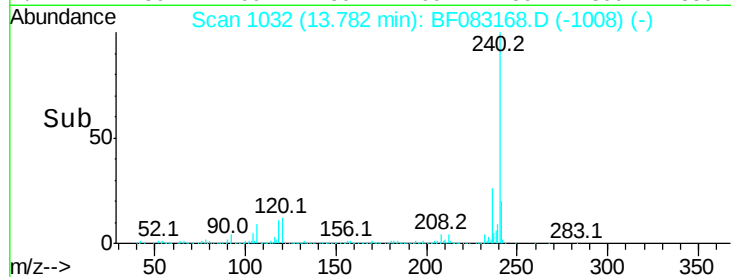
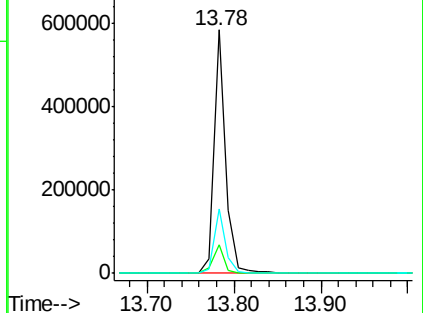
236 26.5 20.6 31.0



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: 81.94 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083168.D

Acq: 22 Nov 2015 19:42

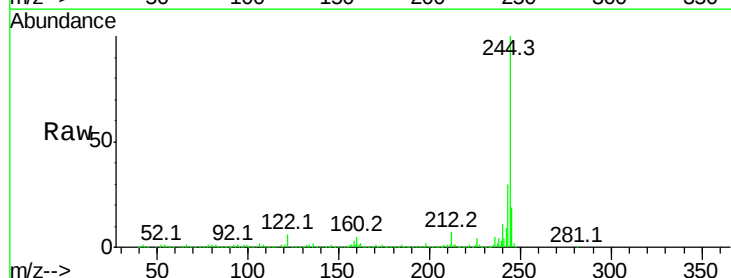
Tgt Ion:244 Resp: 1926409

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

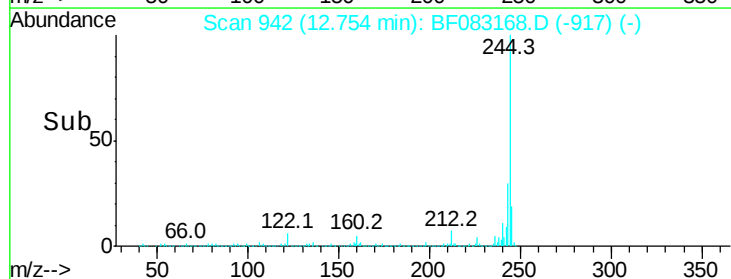
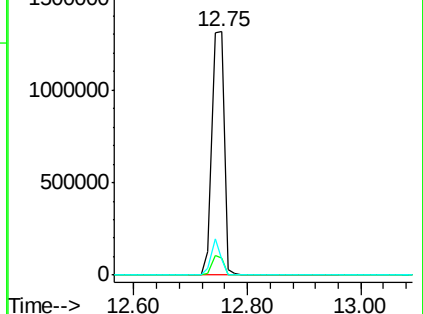
122 6.3 4.3 6.5

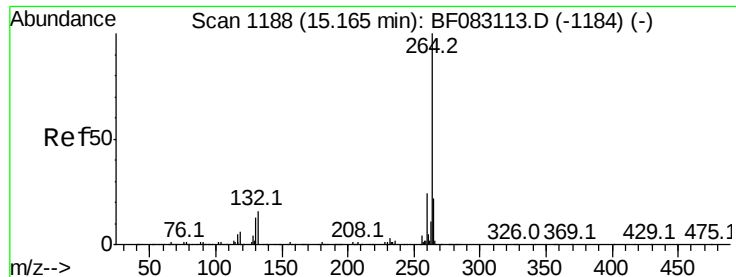


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083168.D
 Acq: 22 Nov 2015 19:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.5	18.2	27.4

