

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084390.D
 Acq On : 11 Jan 2016 20:07
 Operator : SJ/UM
 Sample : H1065-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jan 12 02:17:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	384725	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1507232	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	688096	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1107533	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	707816	20.00	ng	-0.06
86) Perylene-d12	15.44	264	613666	20.00	ng	-0.07

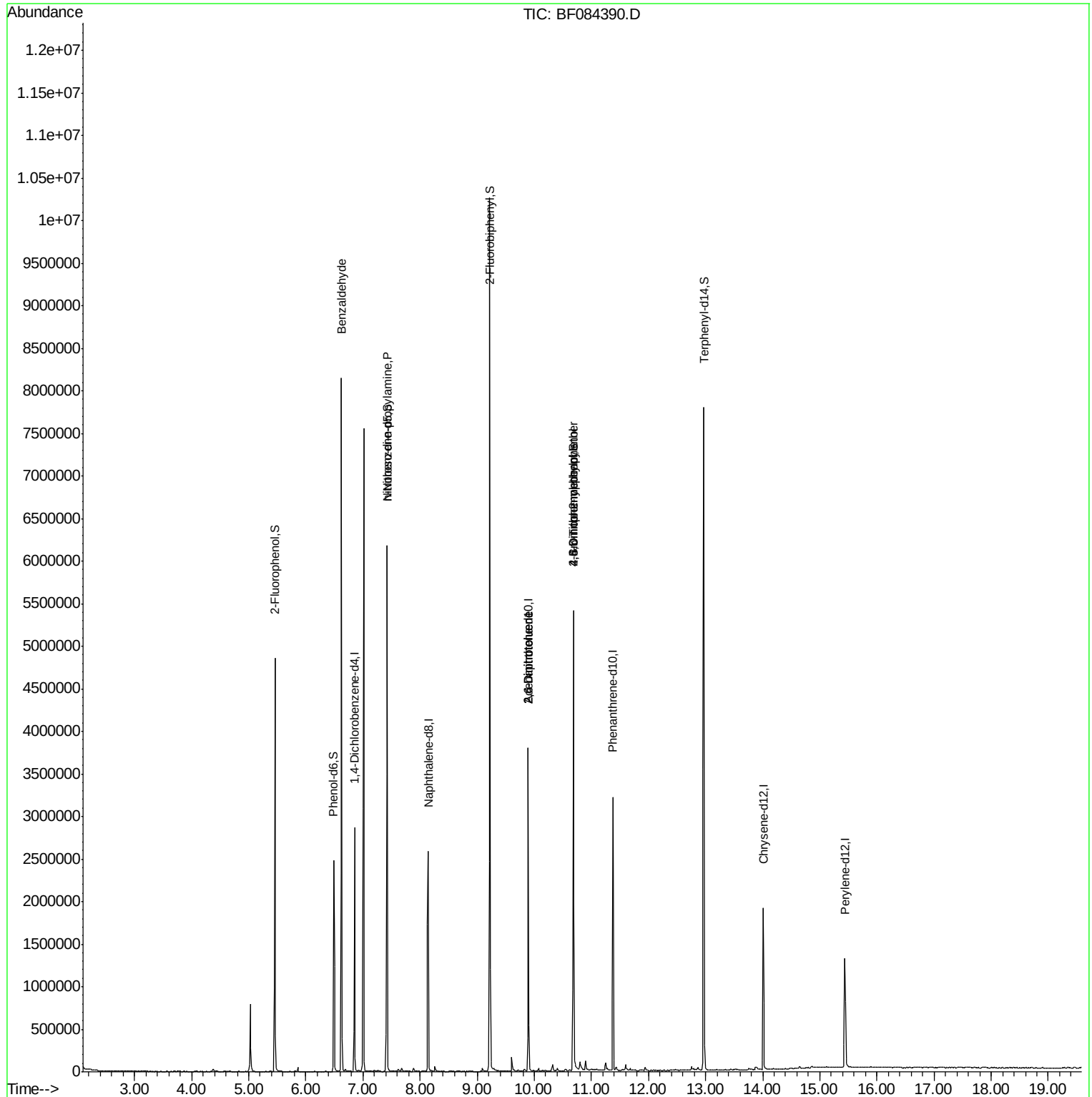
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1230856	51.75	ng	-0.03
7) Phenol-d6	6.49	99	968029	32.41	ng	-0.05
23) Nitrobenzene-d5	7.42	82	2334354	86.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	753011	108.39	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2998875	76.00	ng	-0.05
78) Terphenyl-d14	12.97	244	2516337	79.36	ng	-0.05

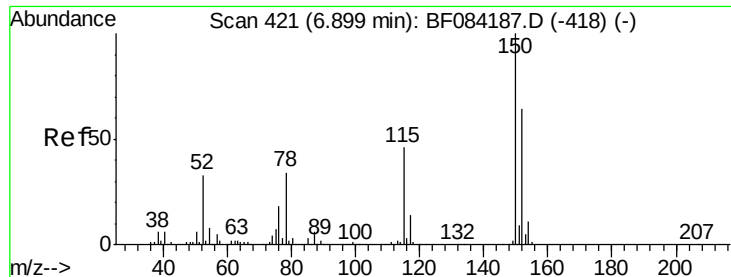
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	49906	2.57	ng	# 78
19) n-Nitroso-di-n-propylamine	7.42	70	329924	16.32	ng	# 75
50) 2,6-Dinitrotoluene	9.89	165	90400	8.38	ng	# 37
54) Dibenzofuran	10.10	168	846	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.89	165	90411	6.62	ng	# 21
57) Fluorene	10.68	166	31310	Below Cal		# 88
64) 4,6-Dinitro-2-methylphenol	10.68	198	1433	6.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	46453	3.90	ng	# 1
73) Di-n-butylphthalate	11.94	149	21478	Below Cal		# 96

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

```
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Data File : BF084390.D  
Acq On    : 11 Jan 2016   20:07  
Operator  : SJ/UM  
Sample    : H1065-03  
Misc      :  
ALS Vial  : 20      Sample Multiplier: 1
```

Quant Time: Jan 12 02:17:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



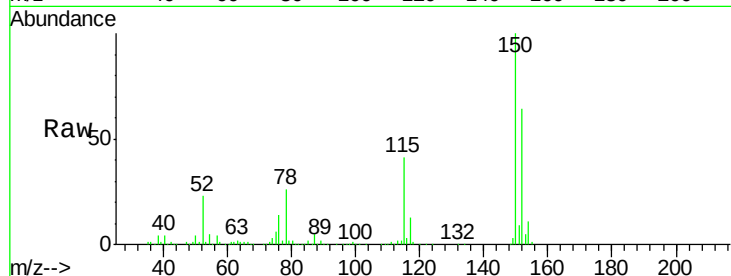


#1

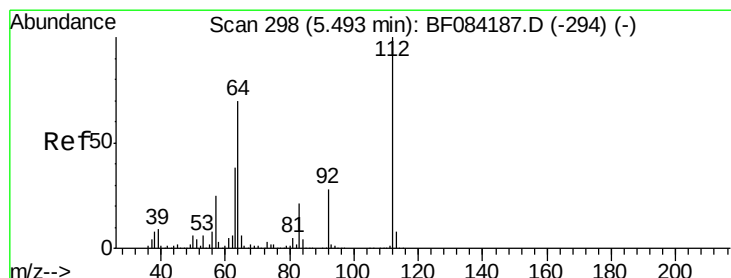
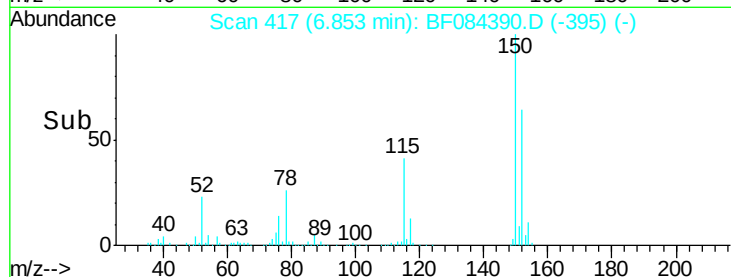
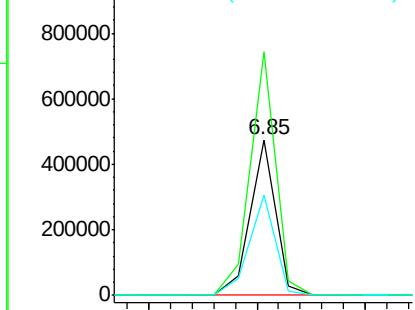
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Instrument :
 BNA_F
 ClientSampled :
 MW-13

Tgt Ion:152 Resp: 384725
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.0 184.4
 115 64.8 51.4 77.2



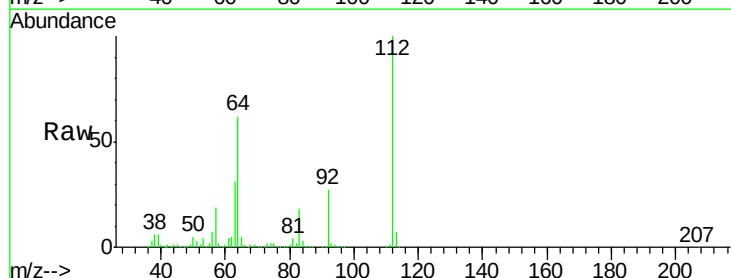
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



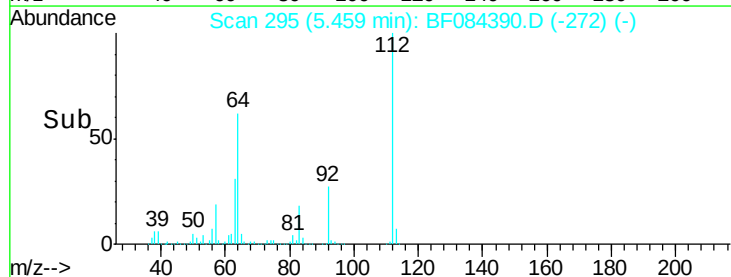
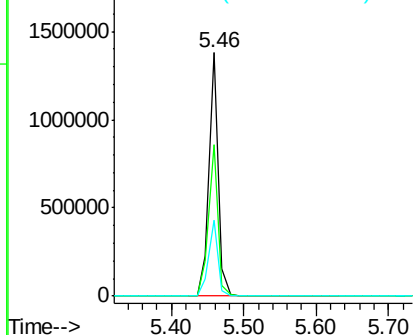
#5

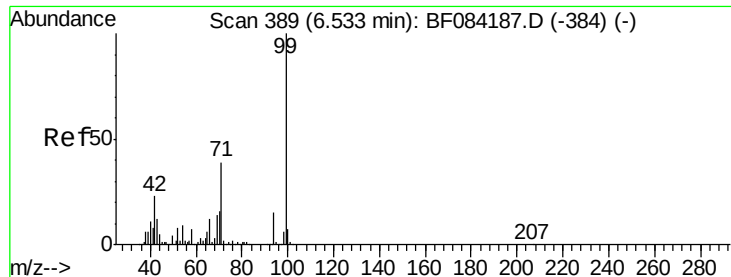
2-Fluorophenol
 Concen: 51.75 ng
 RT: 5.46 min Scan# 295
 Delta R.T. -0.03 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Tgt Ion:112 Resp: 1230856
 Ion Ratio Lower Upper
 112 100
 64 62.2 36.6 55.0#
 63 30.9 19.4 29.0#



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: 32.41 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

Instrument :

BNA_F

ClientSampleId :

MW-13

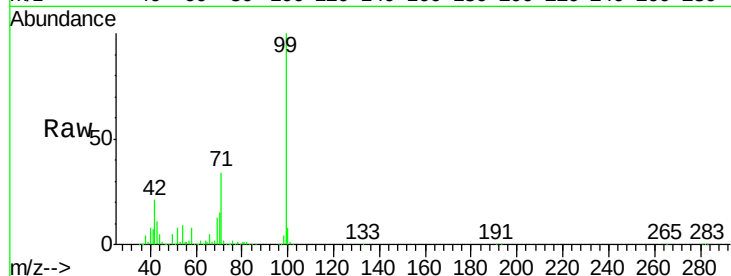
Tgt Ion: 99 Resp: 968029

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

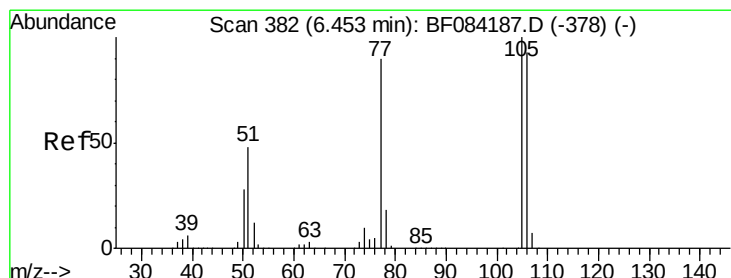
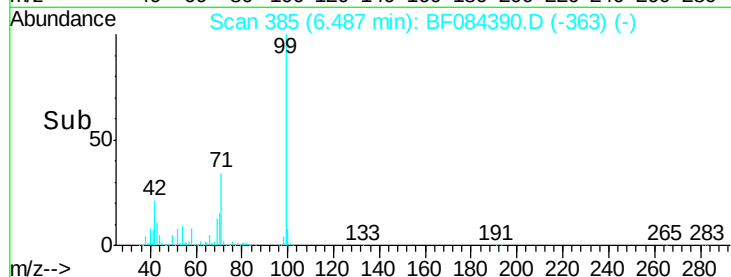
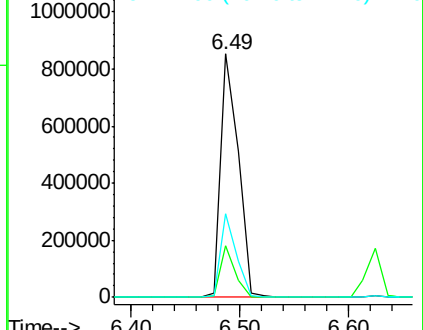
71 34.3 30.9 46.3



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: 2.57 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.17 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

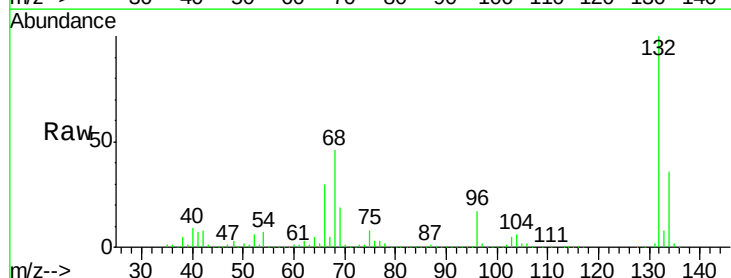
Tgt Ion: 77 Resp: 49906

Ion Ratio Lower Upper

77 100

105 79.6 83.0 123.0#

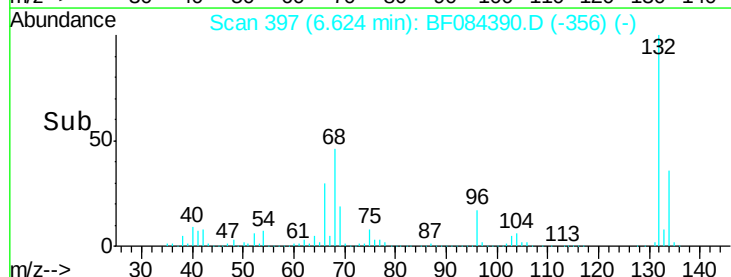
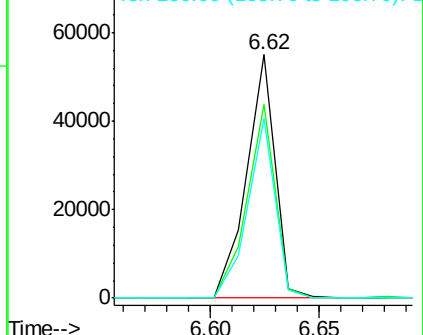
106 73.7 74.6 114.6#

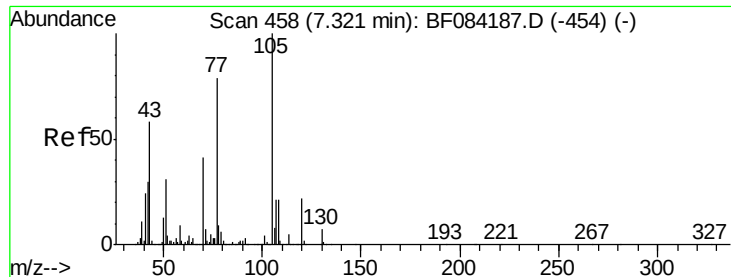


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

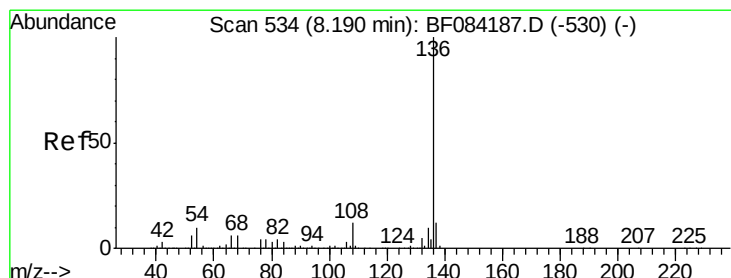
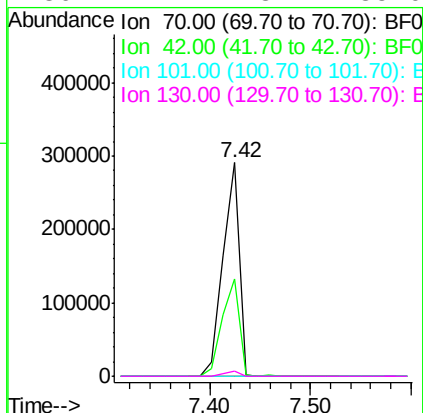
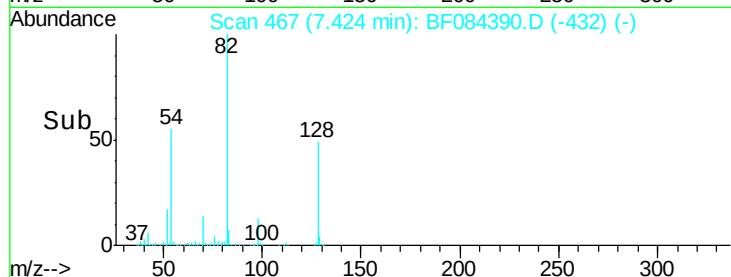
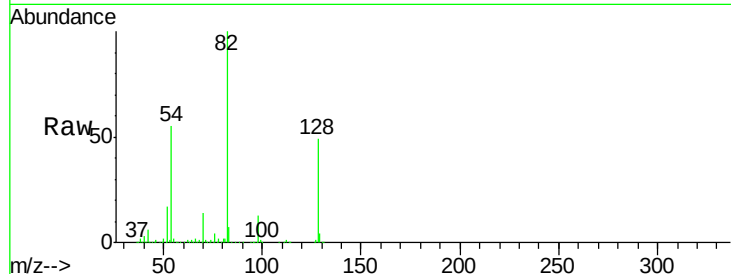




#19
n-Nitroso-di-n-propylamine
Concen: 16.32 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084390.D
Acq: 11 Jan 2016 20:07

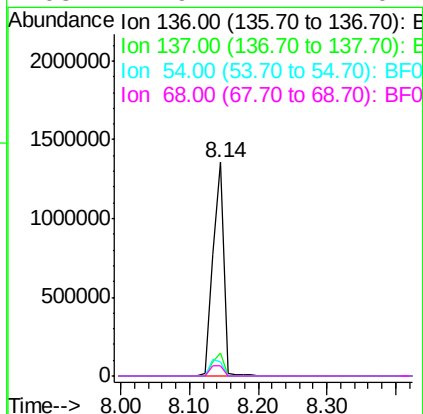
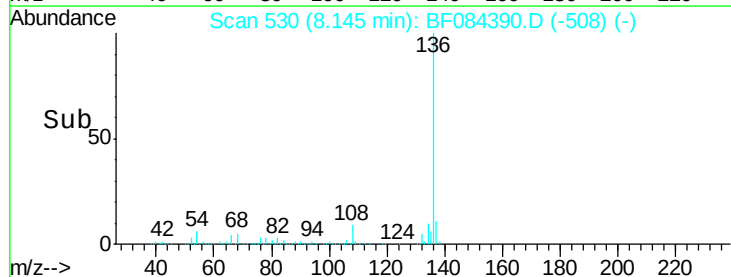
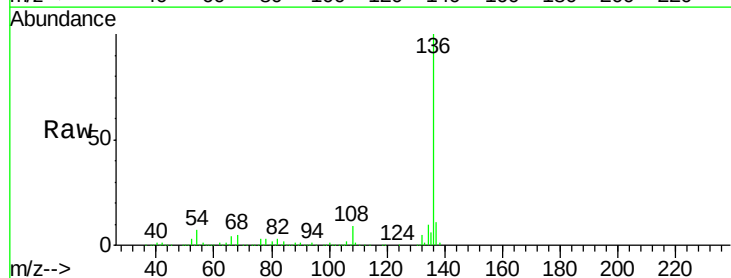
Instrument :
BNA_F
ClientSampleId :
MW-13

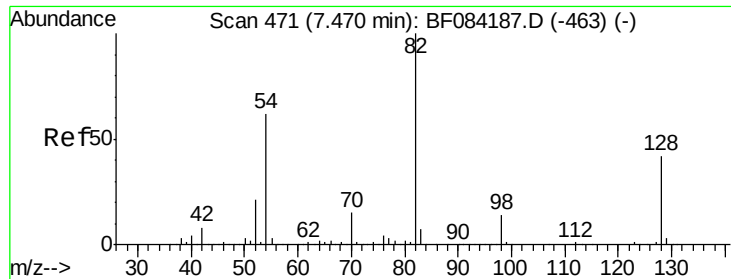
Tgt Ion: 70 Resp: 329924
Ion Ratio Lower Upper
70 100
42 45.3 33.3 49.9
101 0.0 9.3 13.9#
130 2.2 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084390.D
Acq: 11 Jan 2016 20:07

Tgt Ion: 136 Resp: 1507232
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.5 5.8 8.8
68 4.9 4.2 6.2

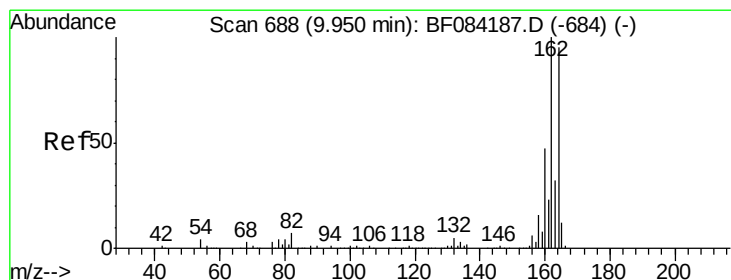
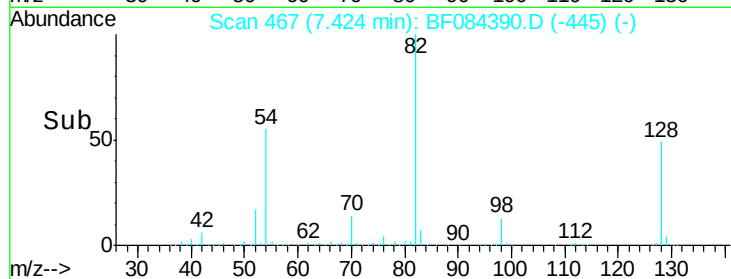
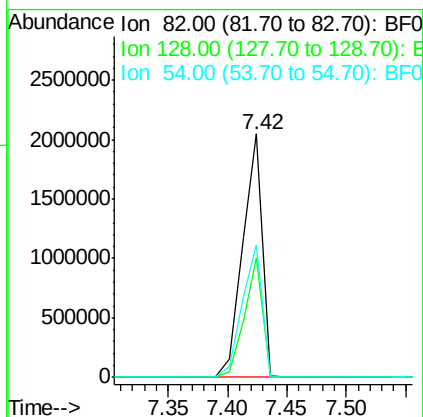
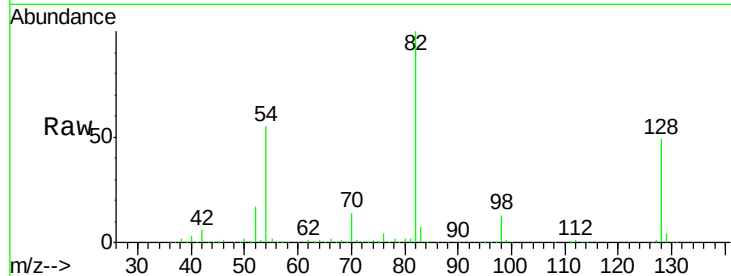




#23
 Nitrobenzene-d5
 Concen: 86.20 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

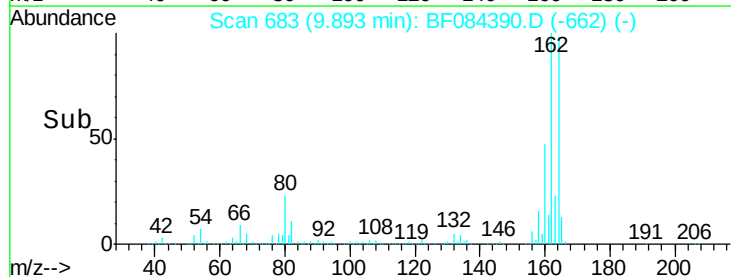
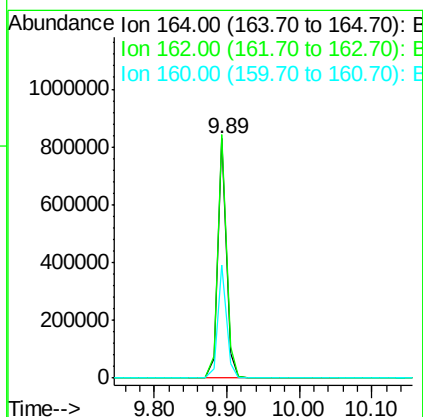
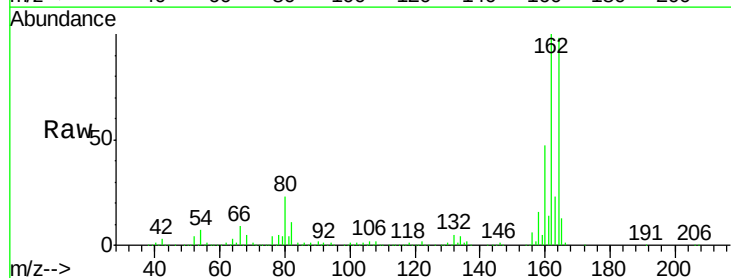
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

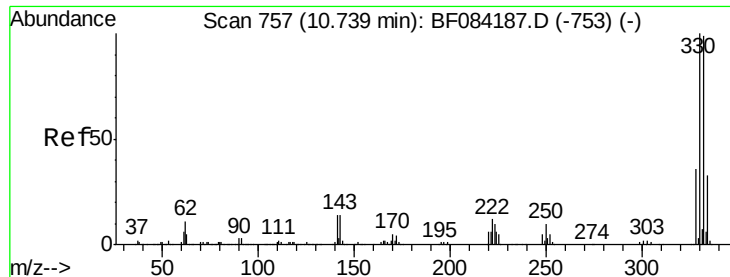
Tgt Ion: 82 Resp: 2334354
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.6 51.8
 54 54.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Tgt Ion: 164 Resp: 688096
 Ion Ratio Lower Upper
 164 100
 162 101.6 85.1 127.7
 160 47.4 37.5 56.3

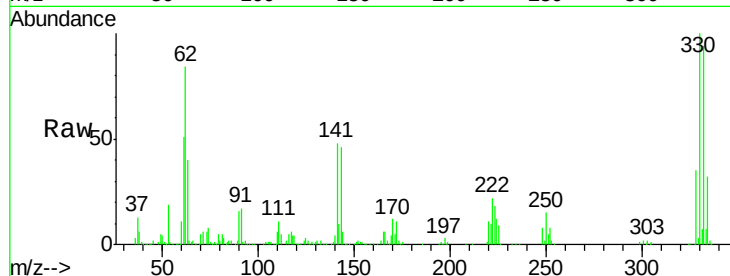




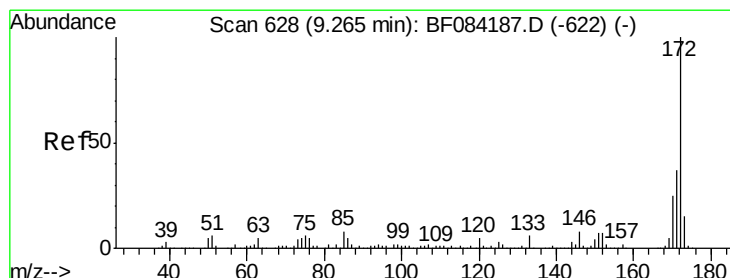
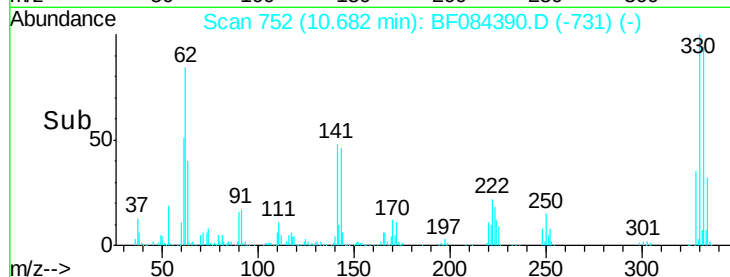
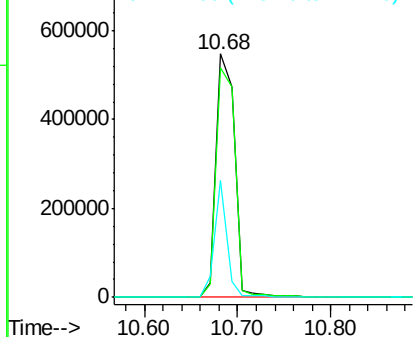
#41
 2,4,6-Tribromophenol
 Concen: 108.39 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:330 Resp: 753011
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 33.3 27.8 41.6

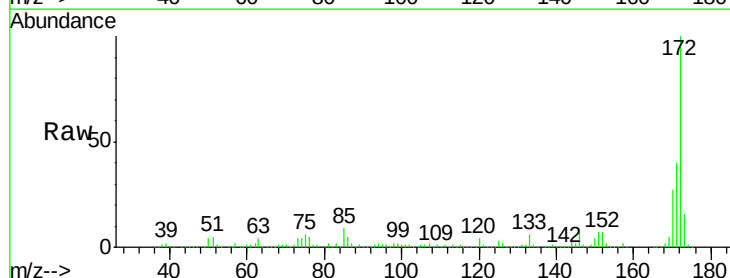


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

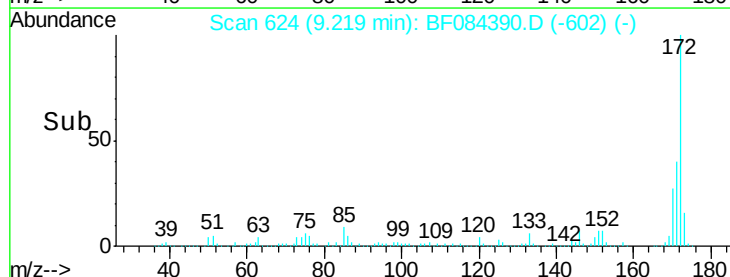
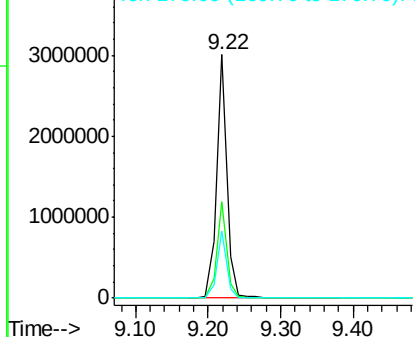


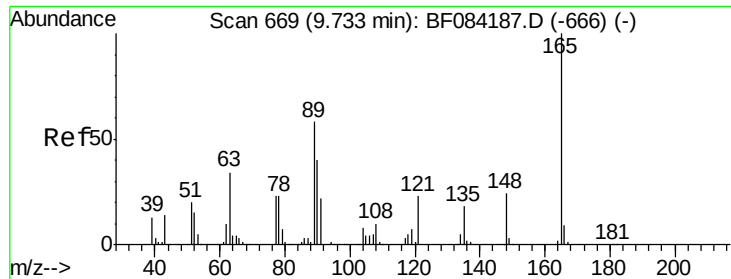
#44
 2-Fluorobiphenyl
 Concen: 76.00 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Tgt Ion:172 Resp: 2998875
 Ion Ratio Lower Upper
 172 100
 171 39.7 28.9 43.3
 170 27.4 18.6 27.8



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

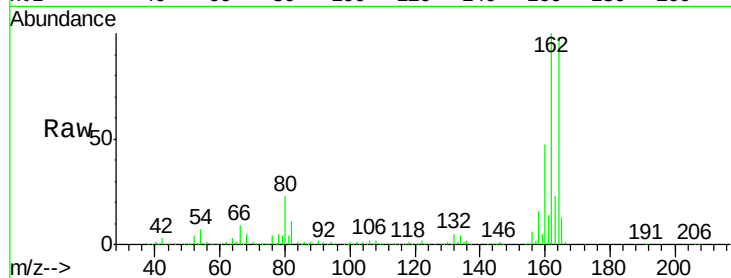




#50
 2,6-Dinitrotoluene
 Concen: 8.38 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

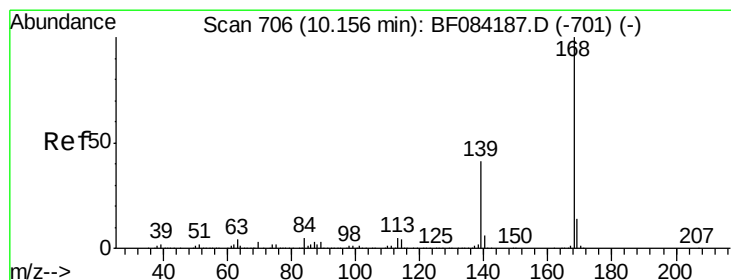
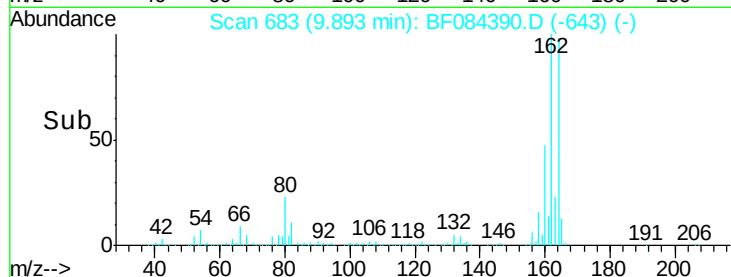
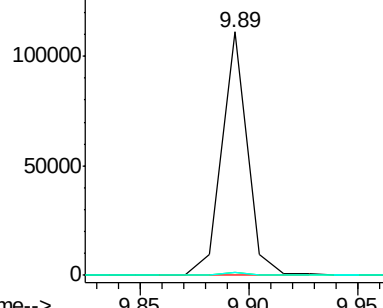
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.4	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

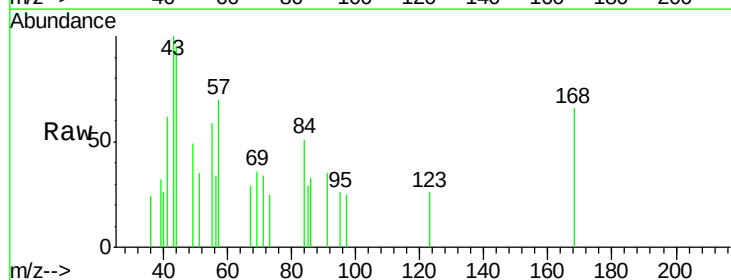
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.10 min Scan# 701
 Delta R.T. -0.06 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

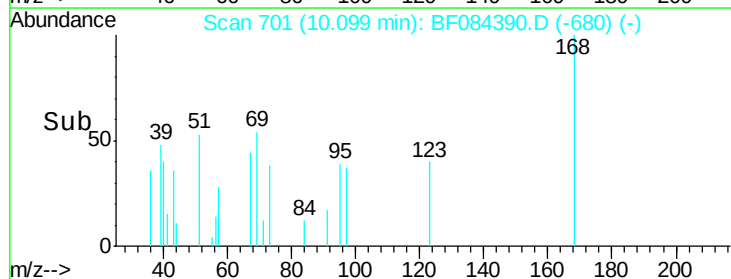
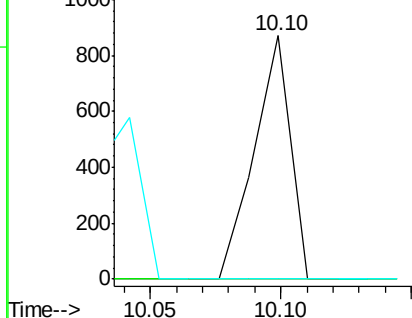
Tgt Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#

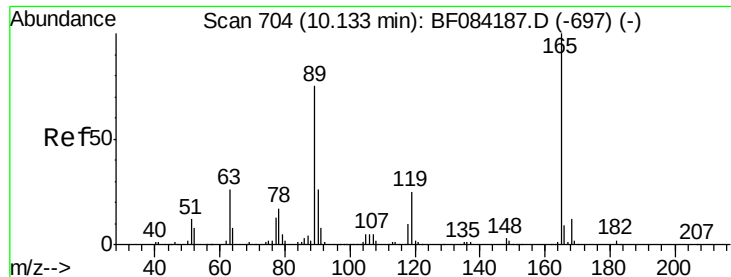


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

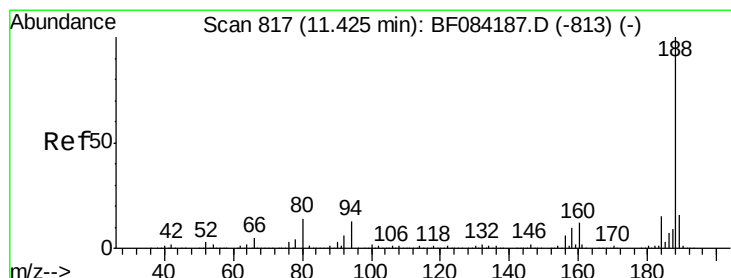
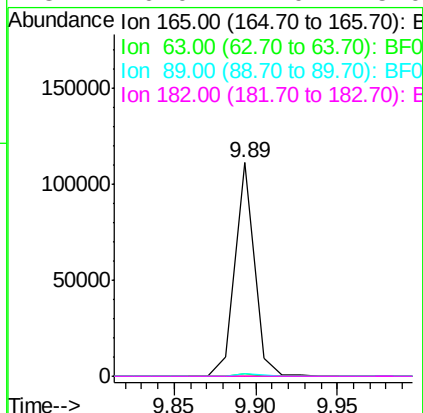
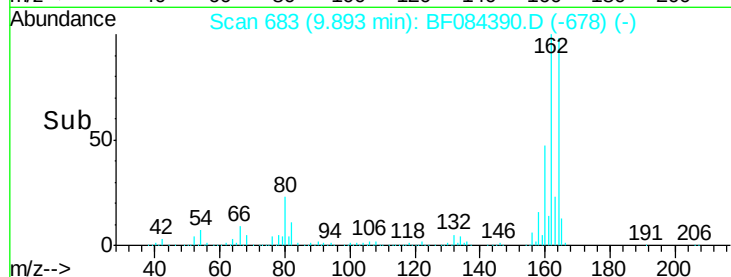
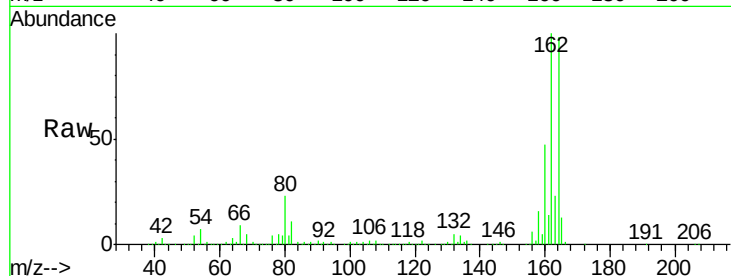




#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

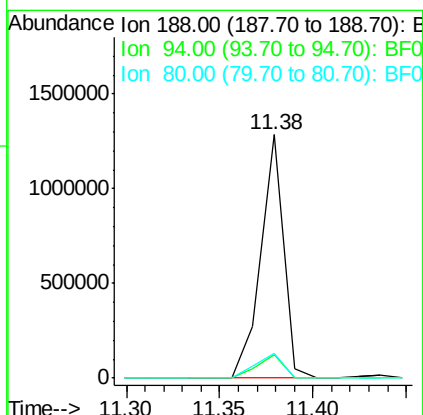
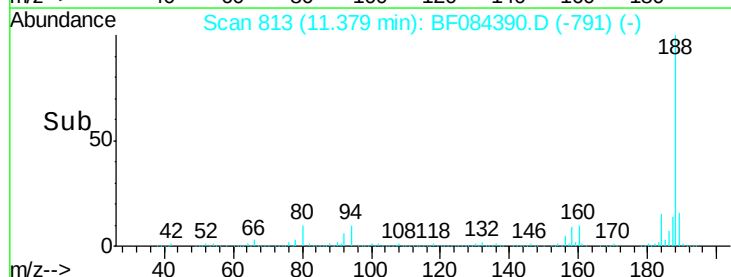
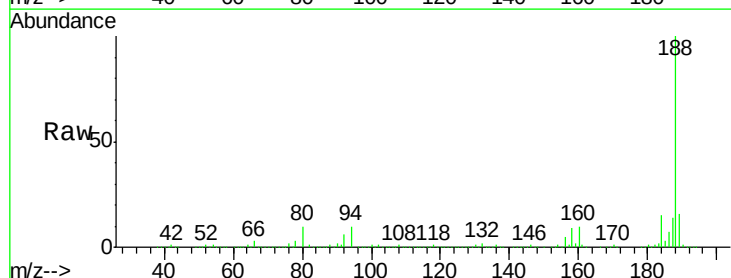
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

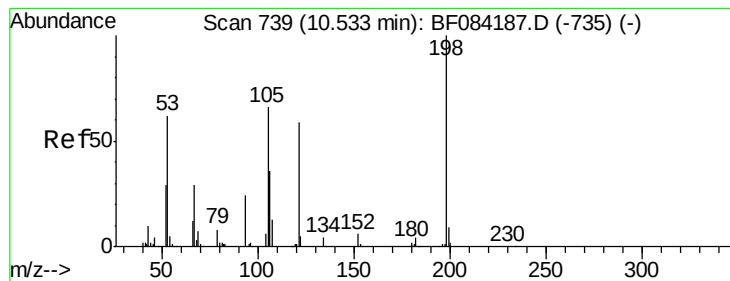
Tgt Ion:165 Resp: 90411
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.4 61.9 92.9#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084390.D
 Acq: 11 Jan 2016 20:07

Tgt Ion:188 Resp: 1107533
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.0 13.4
 80 10.1 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.58 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

Instrument :

BNA_F

ClientSampleId :

MW-13

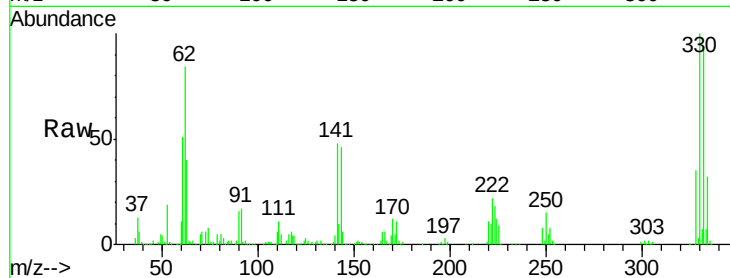
Tgt Ion:198 Resp: 1433

Ion Ratio Lower Upper

198 100

51 249.8 18.9 58.9#

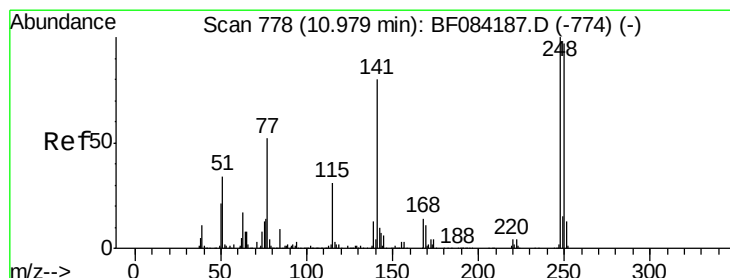
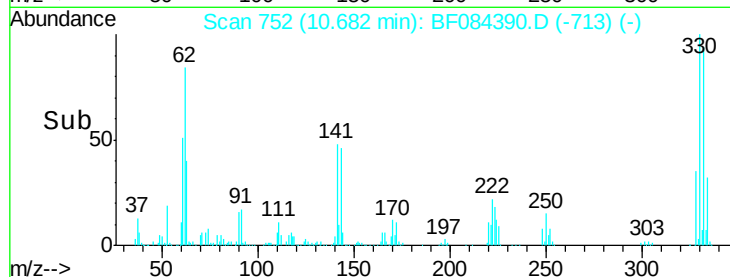
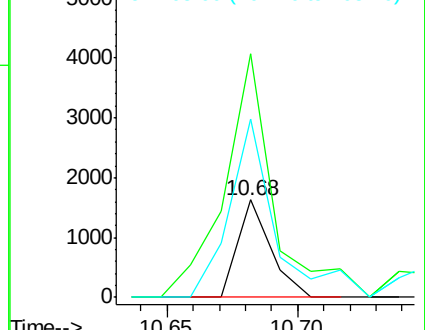
105 182.6 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.90 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

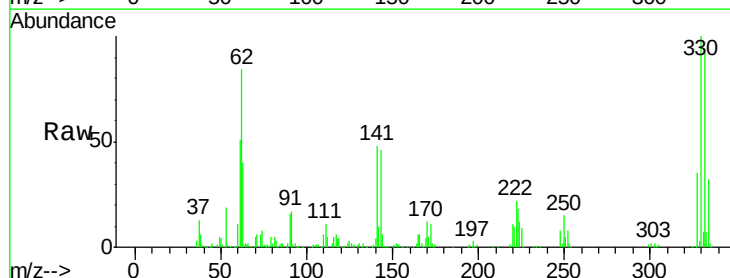
Tgt Ion:248 Resp: 46453

Ion Ratio Lower Upper

248 100

250 196.0 78.4 117.6#

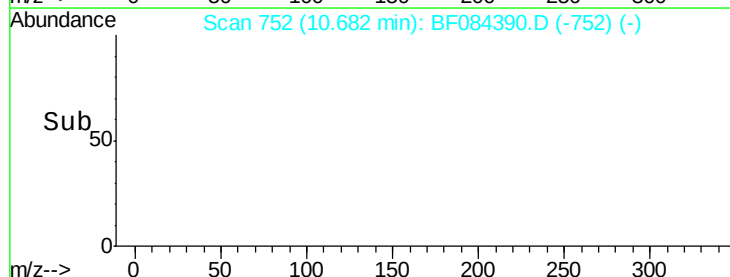
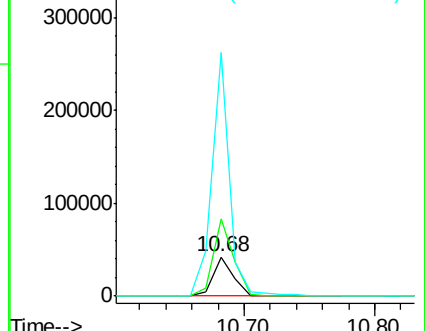
141 620.8 44.0 66.0#

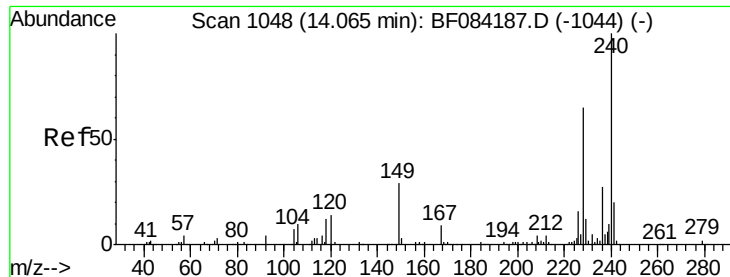


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

Instrument :

BNA_F

ClientSampleId :

MW-13

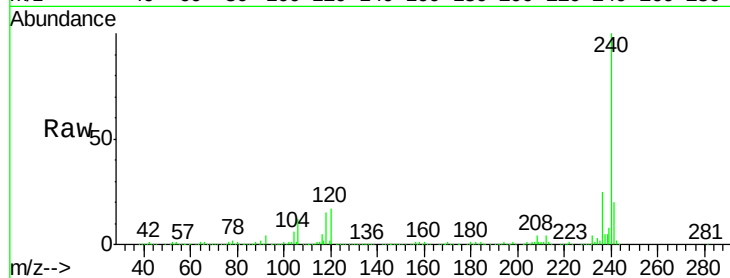
Tgt Ion:240 Resp: 707816

Ion Ratio Lower Upper

240 100

120 16.8 9.5 14.3#

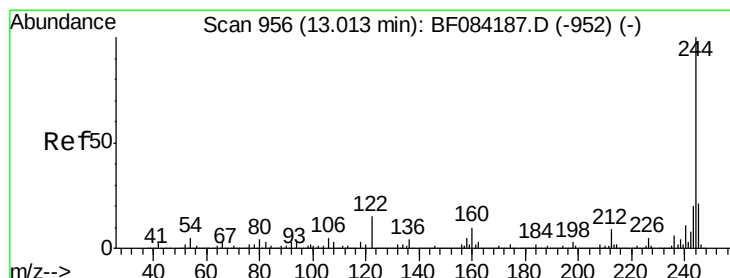
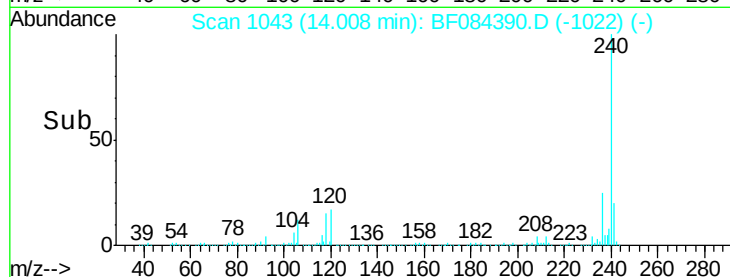
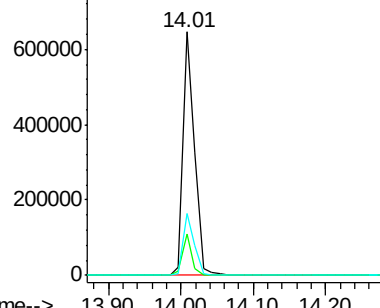
236 25.4 20.6 31.0



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: 79.36 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084390.D

Acq: 11 Jan 2016 20:07

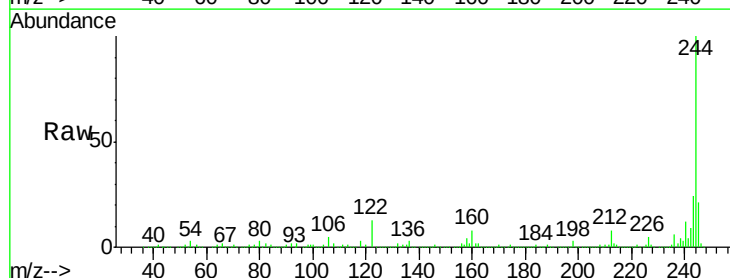
Tgt Ion:244 Resp: 2516337

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

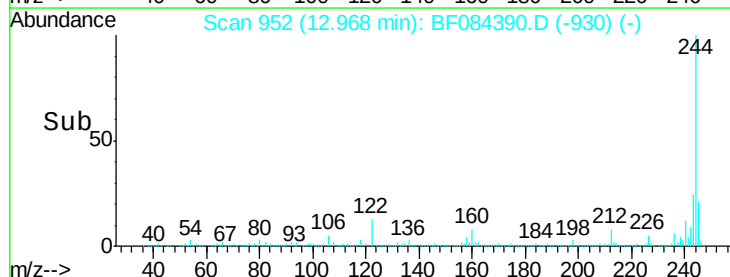
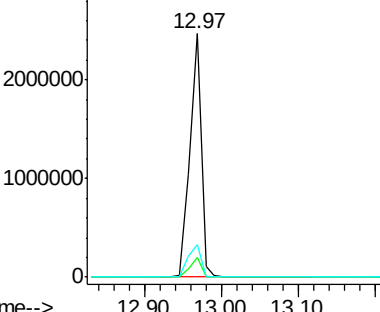
122 13.2 7.4 11.0#

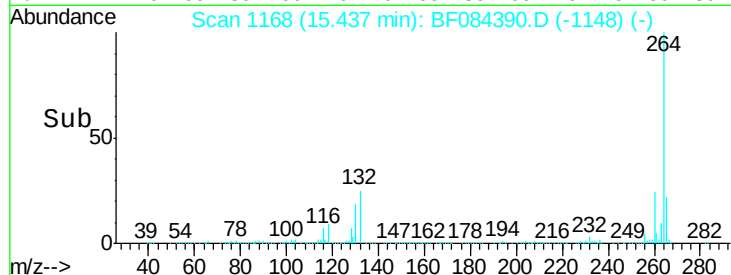
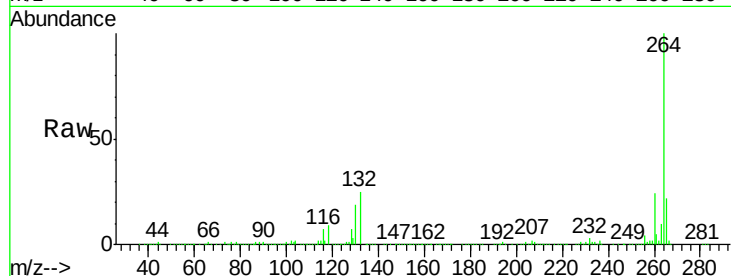
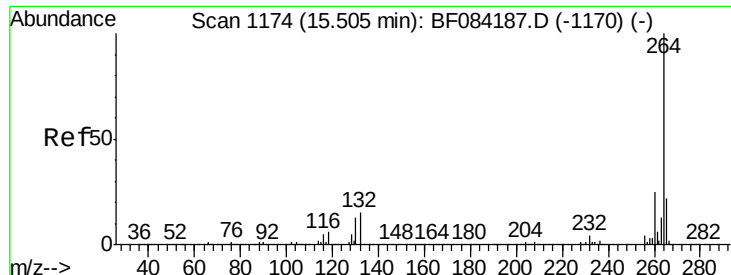


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084390.D
Acq: 11 Jan 2016 20:07

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:	264	Resp:	613666
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.7	17.8	26.6

