

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080867.D
 Acq On : 5 Aug 2015 7:05
 Operator : TP/UM
 Sample : G3170-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Aug 05 08:02:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

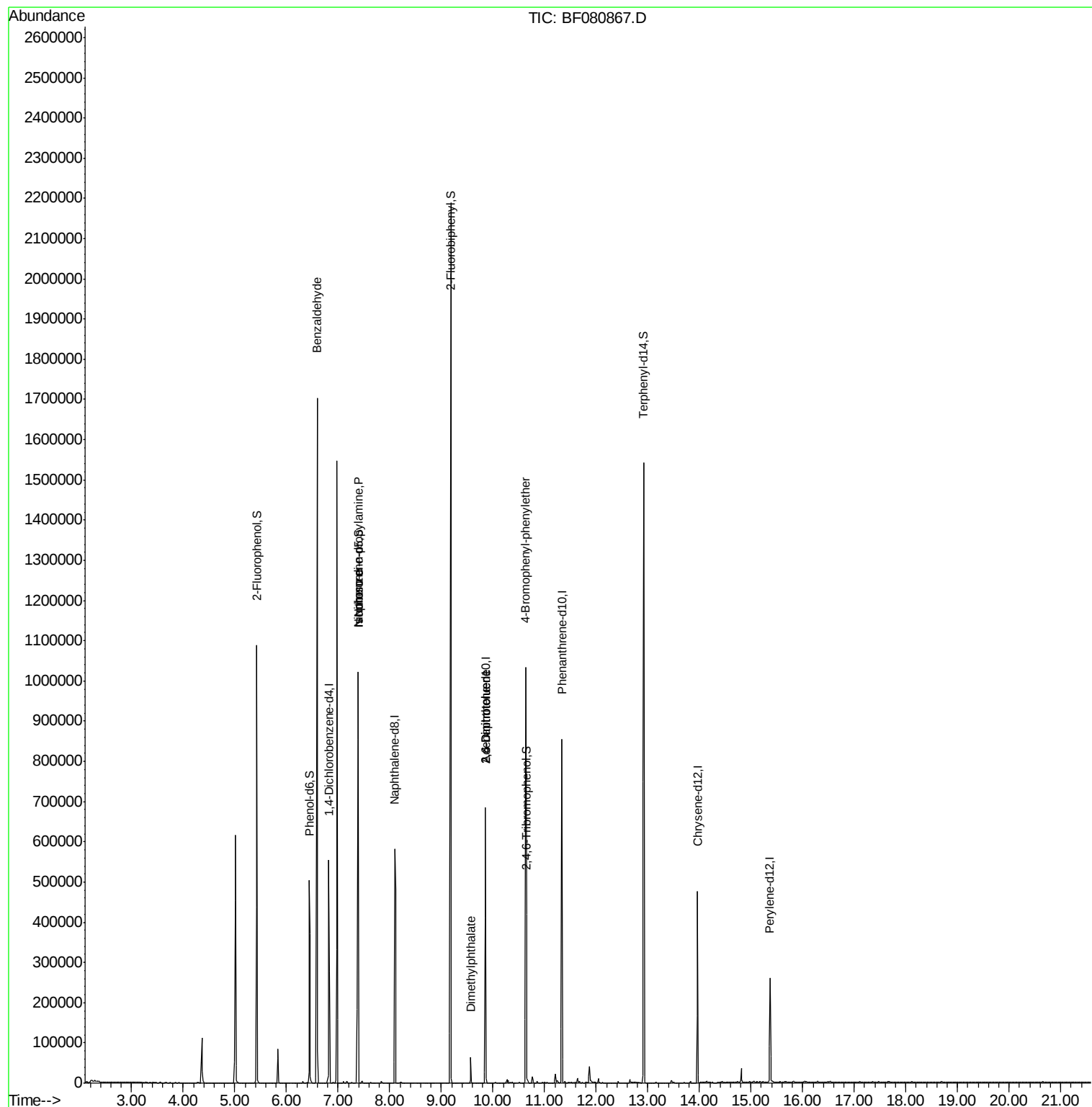
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92703	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	361416	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	161654	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	286513	20.00	ng	0.00
75) Chrysene-d12	13.96	240	169593	20.00	ng	0.00
86) Perylene-d12	15.37	264	109795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	279157	45.58	ng	0.00
7) Phenol-d6	6.44	99	227296	28.39	ng	-0.01
23) Nitrobenzene-d5	7.39	82	476717	62.16	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	130284	83.57	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	752286	62.66	ng	0.00
78) Terphenyl-d14	12.92	244	537442	57.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	11435	2.05	ng	# 78
19) n-Nitroso-di-n-propylamine	7.39	70	62135	12.01	ng	# 70
25) Isophorone	7.39	82	434798	32.00	ng	# 67
49) Dimethylphthalate	9.57	163	24553	2.08	ng	99
50) 2,6-Dinitrotoluene	9.86	165	20120	8.16	ng	# 12
56) 2,4-Dinitrotoluene	9.86	165	20120	6.46	ng	# 14
66) 4-Bromophenyl-phenylether	10.64	248	8410	2.65	ng	# 1

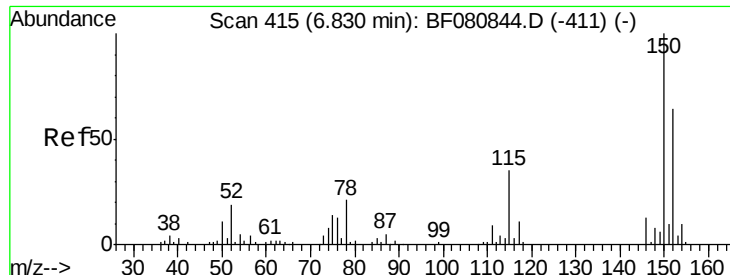
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MW-4

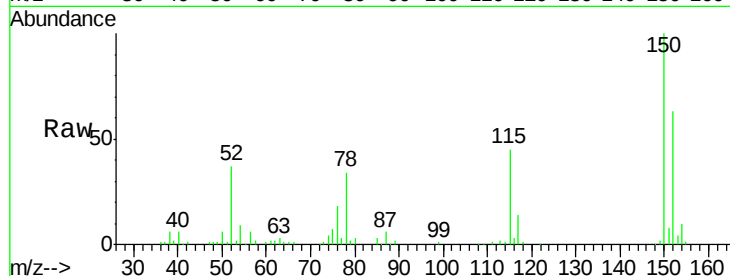
Tot Ion:152 Resp: 92703

Ion Ratio Lower Upper

152 100

150 157.7 124.6 187.0

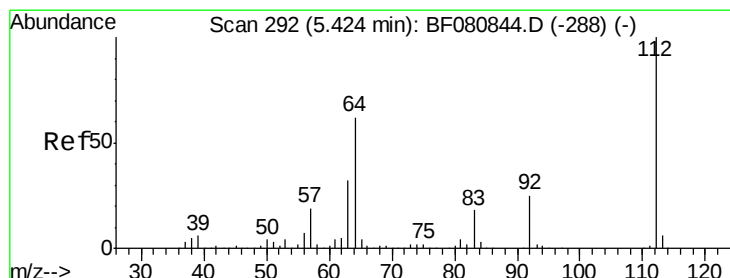
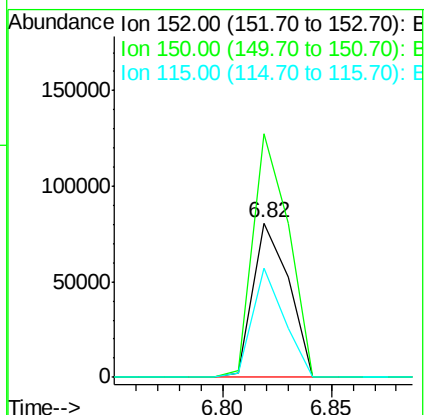
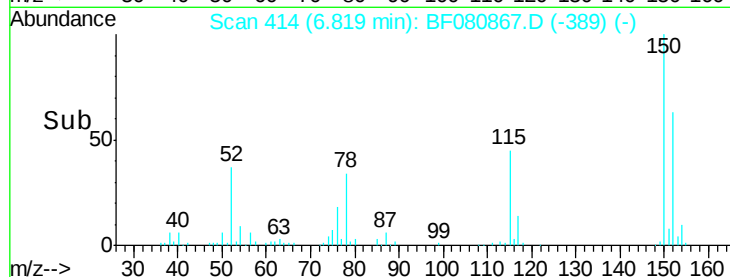
115 71.1 44.2 66.4#



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: 45.58 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

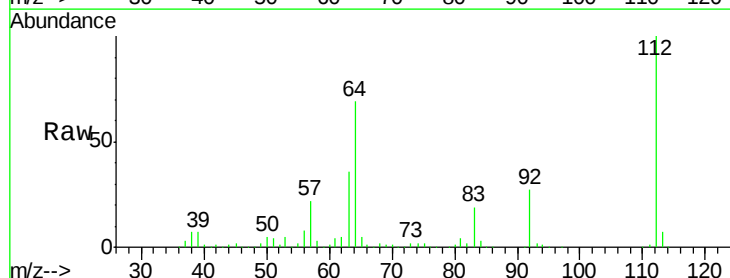
Tgt Ion:112 Resp: 279157

Ion Ratio Lower Upper

112 100

64 69.2 49.5 74.3

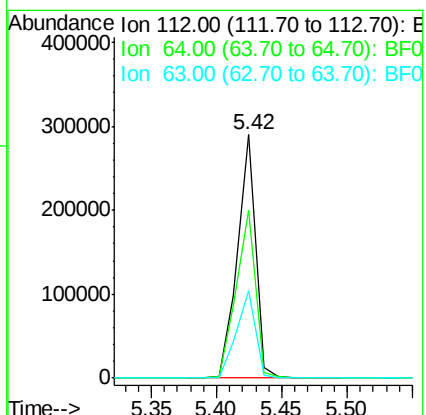
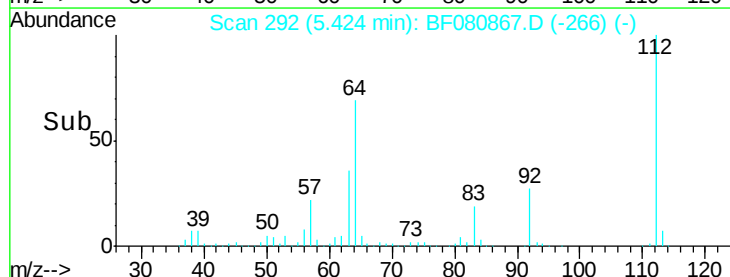
63 35.9 25.3 37.9

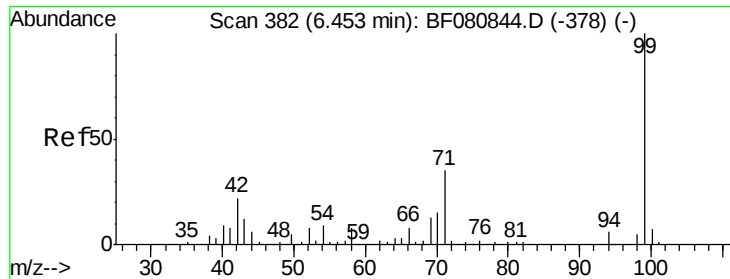


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.39 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MW-4

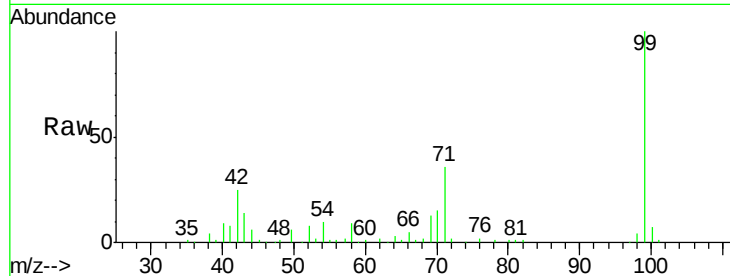
Tot Ion: 99 Resp: 227296

Ion Ratio Lower Upper

99 100

42 24.8 17.9 26.9

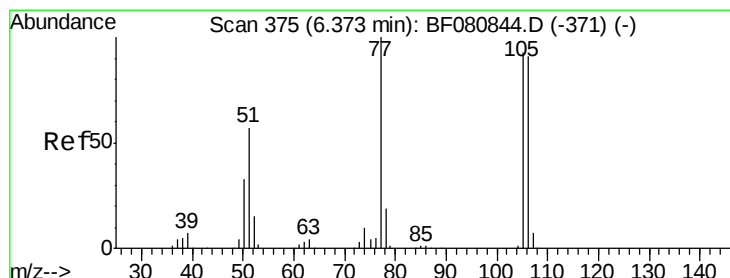
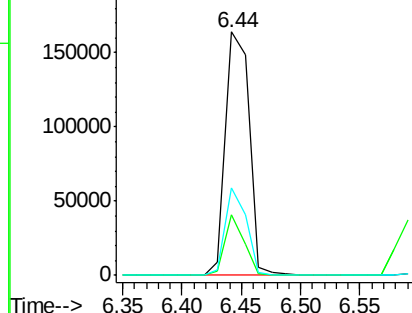
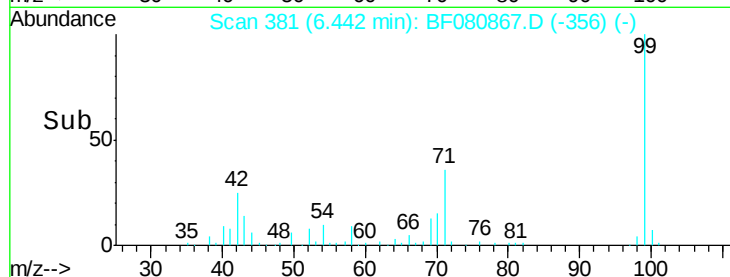
71 35.8 28.2 42.4



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: 2.05 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

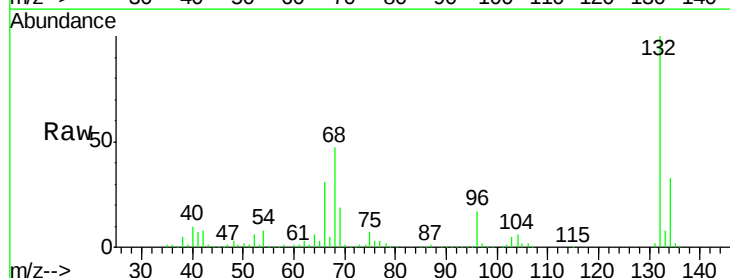
Tgt Ion: 77 Resp: 11435

Ion Ratio Lower Upper

77 100

105 78.7 73.5 113.5

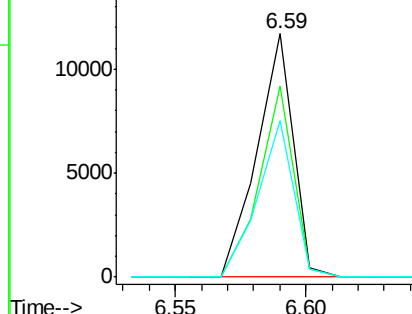
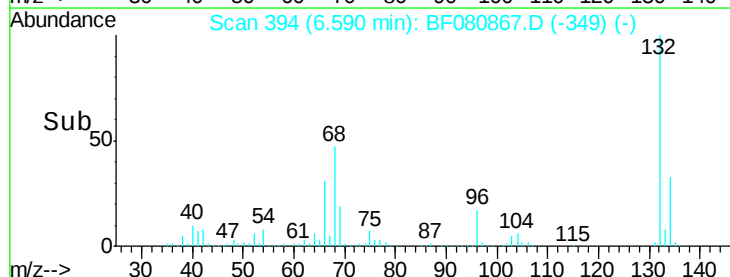
106 64.3 70.8 110.8#

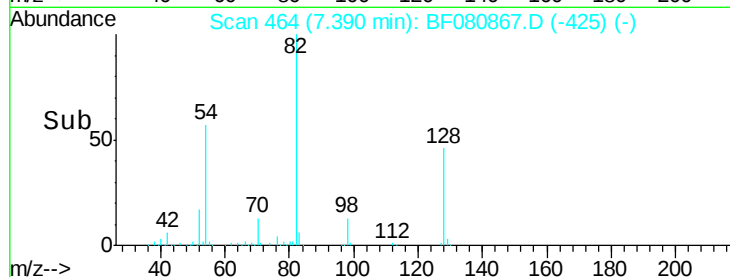
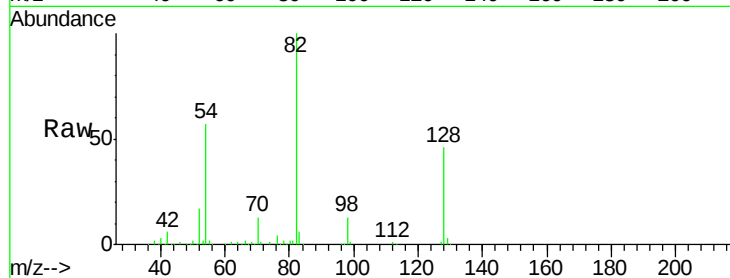
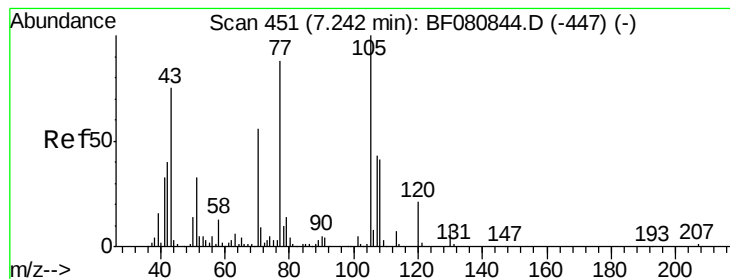


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.01 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MW-4

Tot Ion: 70 Resp: 62135

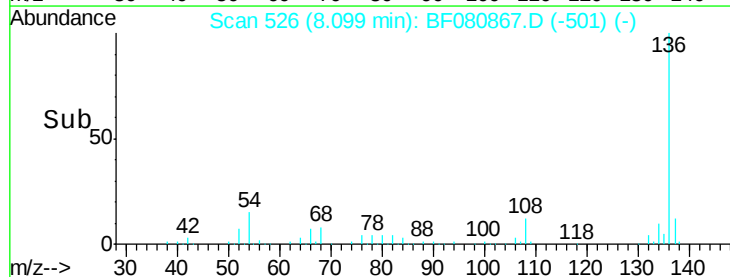
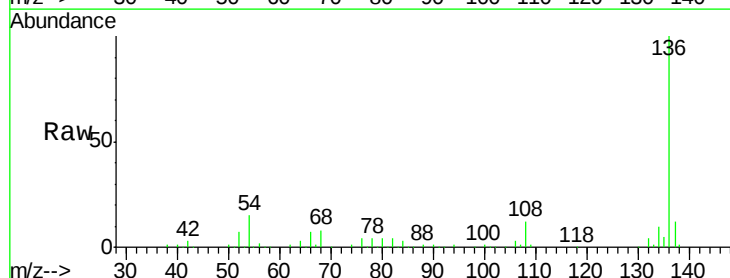
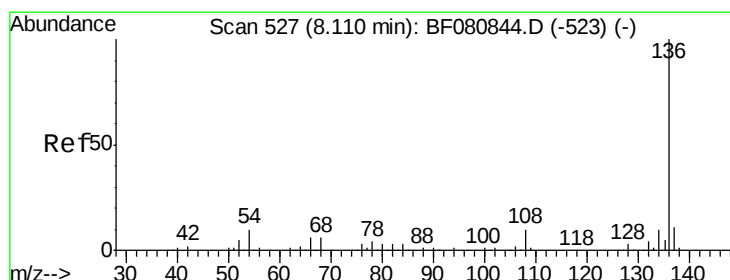
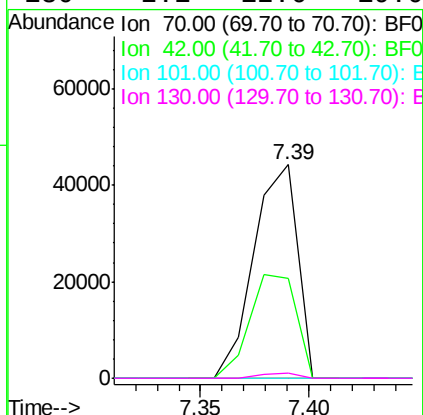
Ion Ratio Lower Upper

70 100

42 46.6 57.8 86.8#

101 0.0 6.7 10.1#

130 2.1 12.6 19.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

Tgt Ion: 136 Resp: 361416

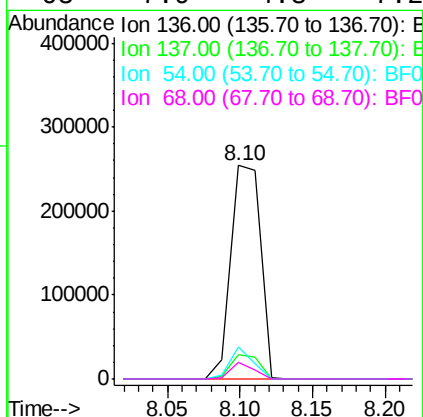
Ion Ratio Lower Upper

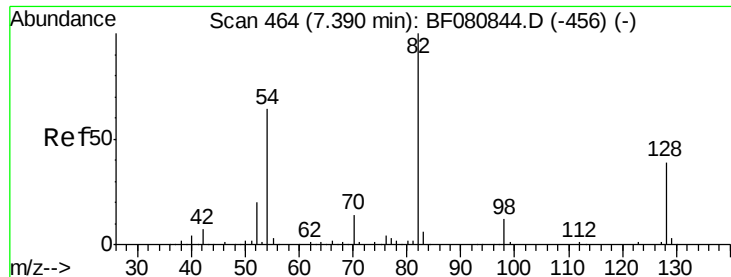
136 100

137 11.5 8.6 13.0

54 14.8 8.3 12.5#

68 7.9 4.8 7.2#

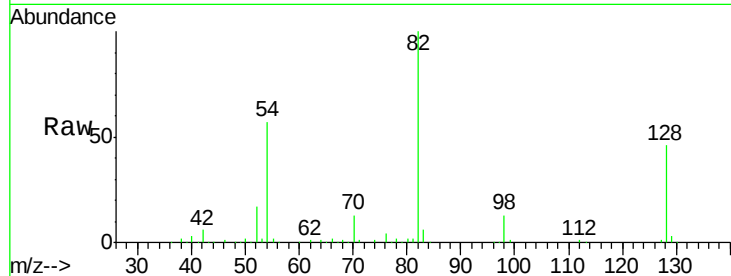




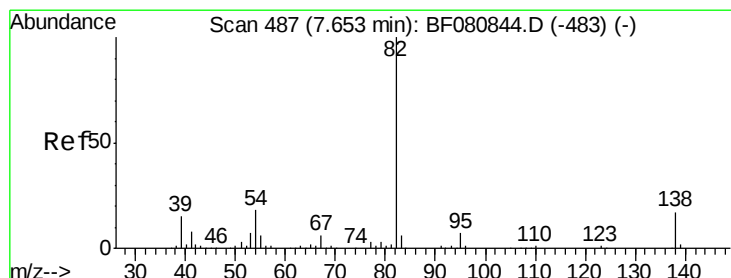
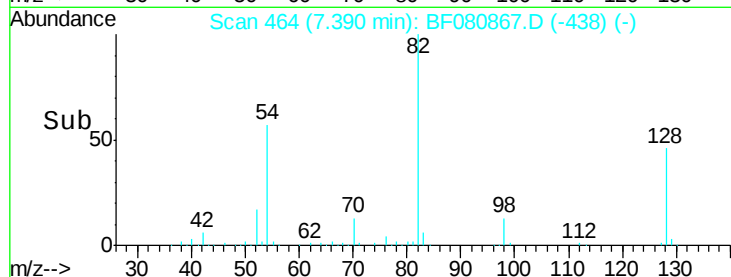
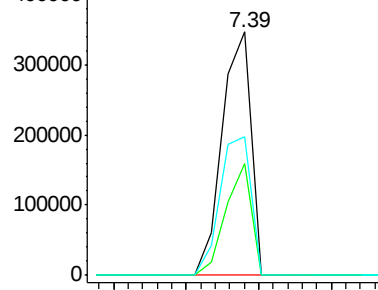
#23
 Nitrobenzene-d5
 Concen: 62.16 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080867.D
 Acq: 5 Aug 2015 7:05

Instrument :
 BNA_F
 ClientSampled :
 MW-4

Tot Ion	82	Resp	476717
Ion Ratio	100	Lower	Upper
128	45.8	31.0	46.4
54	56.7	51.0	76.6

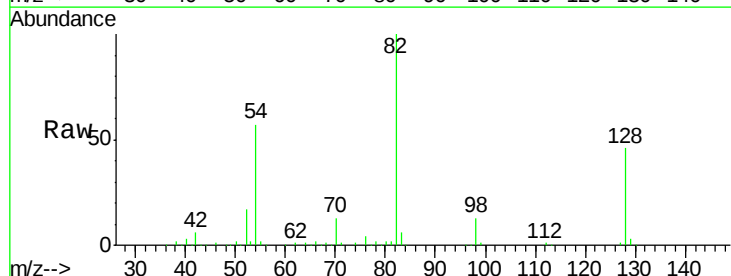


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

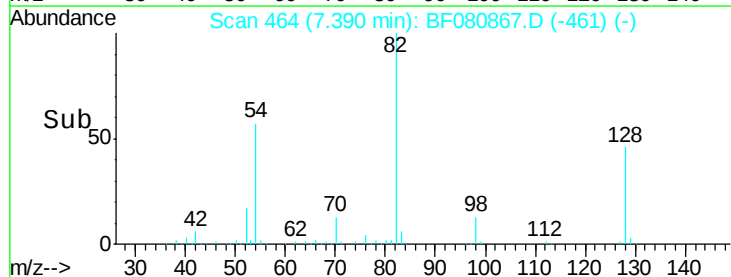
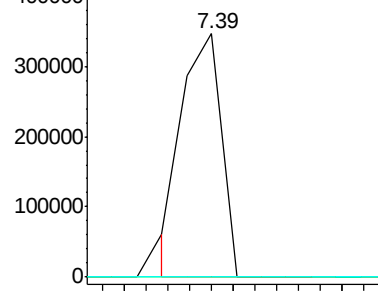


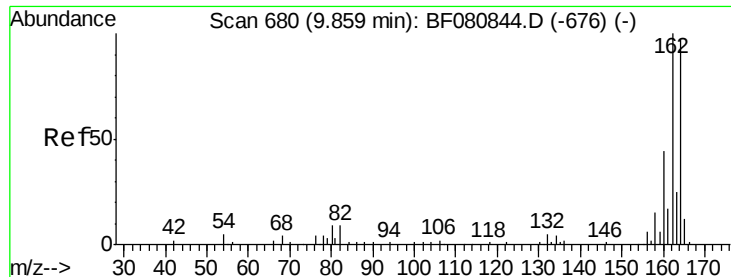
#25
 Isophorone
 Concen: 32.00 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF080867.D
 Acq: 5 Aug 2015 7:05

Tgt Ion	82	Resp	434798
Ion Ratio	100	Lower	Upper
95	0.0	5.5	8.3#
138	0.0	13.3	19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MW-4

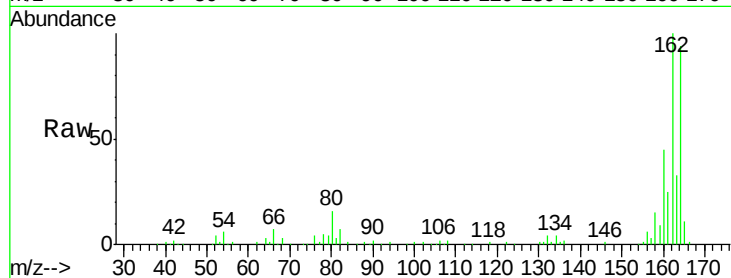
Tot Ion:164 Resp: 161654

Ion Ratio Lower Upper

164 100

162 105.9 82.9 124.3

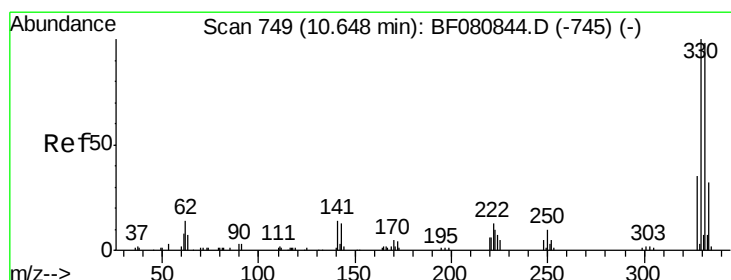
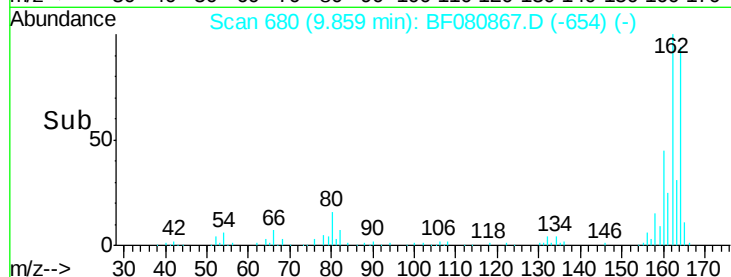
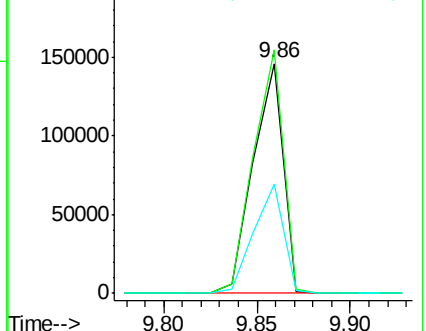
160 47.7 36.6 54.8



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: 83.57 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

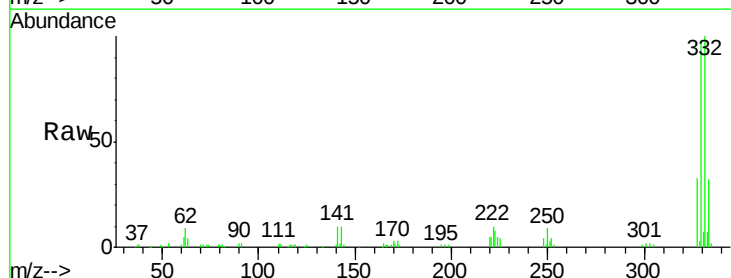
Tgt Ion:330 Resp: 130284

Ion Ratio Lower Upper

330 100

332 99.3 77.8 116.8

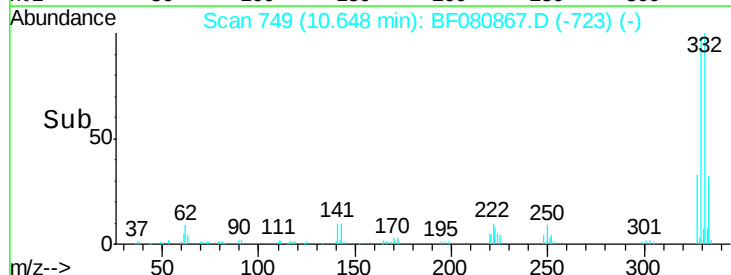
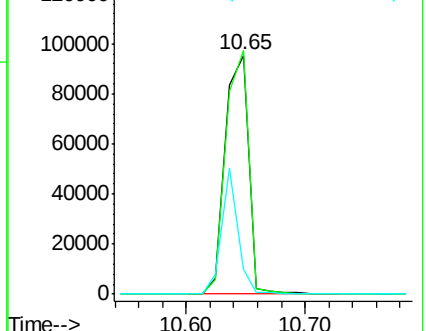
141 36.5 28.4 42.6

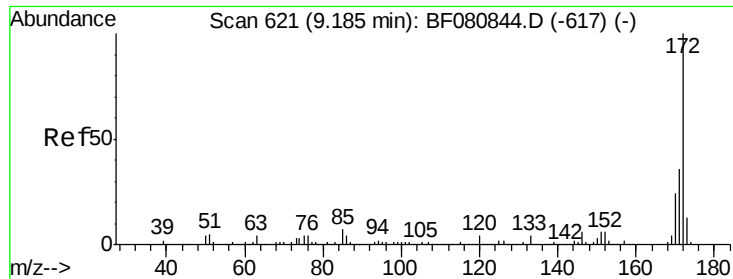


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

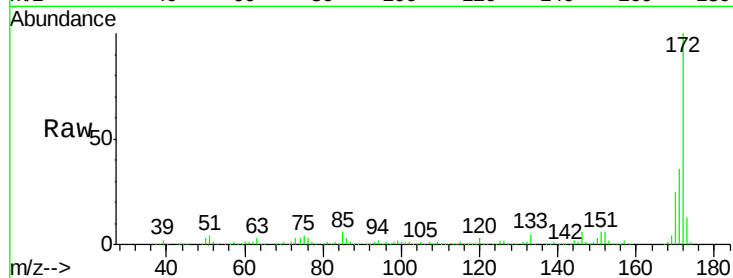




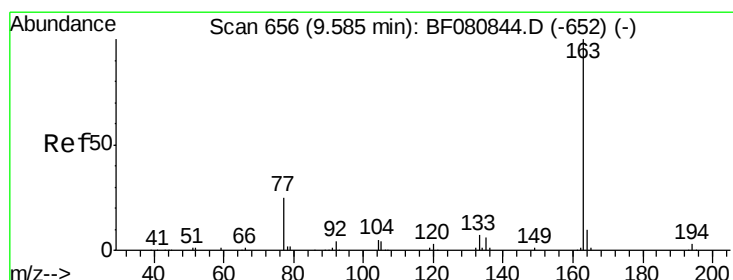
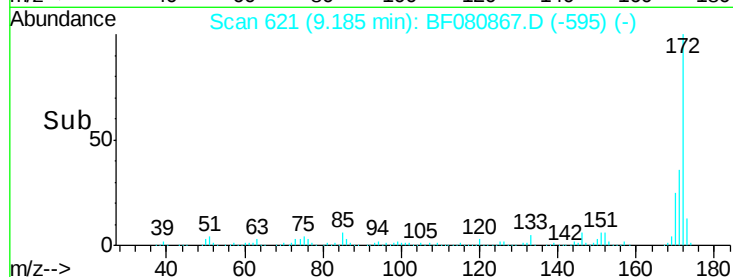
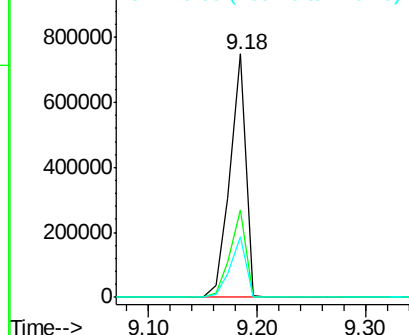
#44
2-Fluorobiphenyl
Concen: 62.66 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF080867.D
Acq: 5 Aug 2015 7:05

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion:172 Resp: 752286
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.7 19.4 29.2

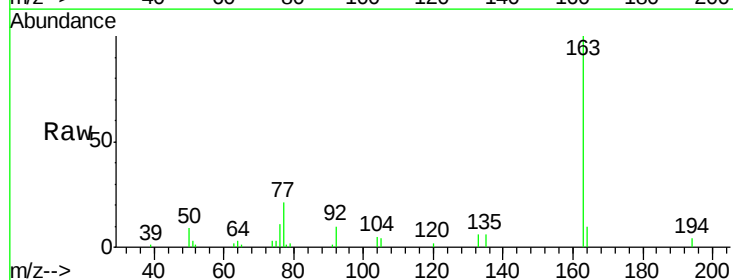


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

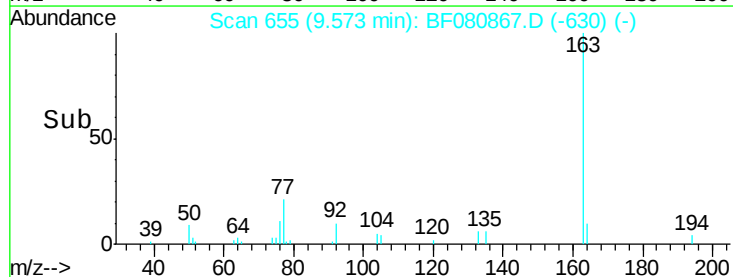
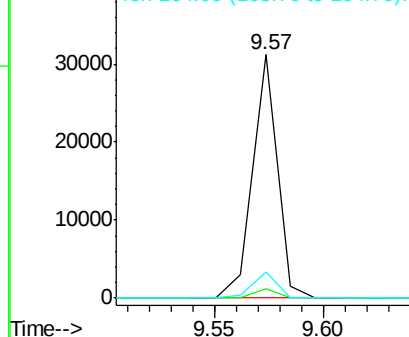


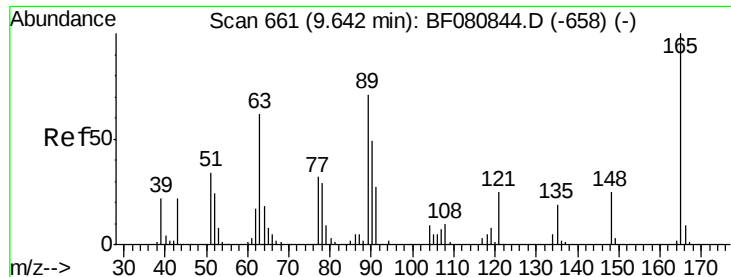
#49
Dimethylphthalate
Concen: 2.08 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF080867.D
Acq: 5 Aug 2015 7:05

Tgt Ion:163 Resp: 24553
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

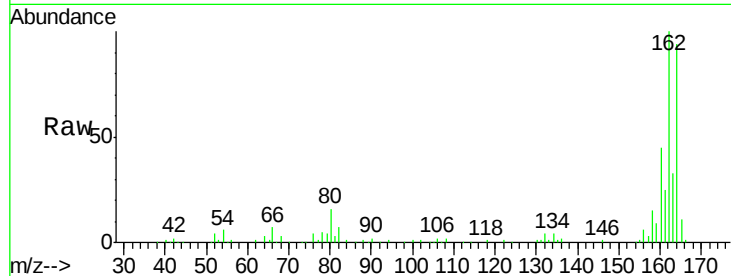




#50
 2,6-Dinitrotoluene
 Concen: 8.16 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.22 min
 Lab File: BF080867.D
 Acq: 5 Aug 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

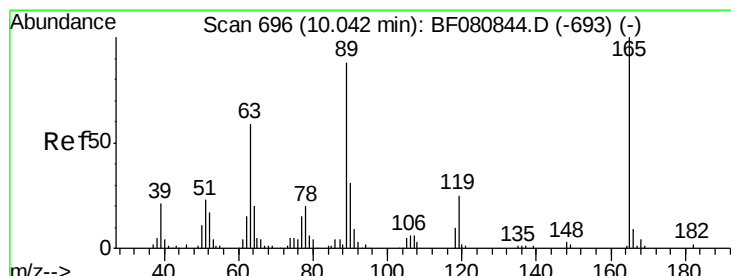
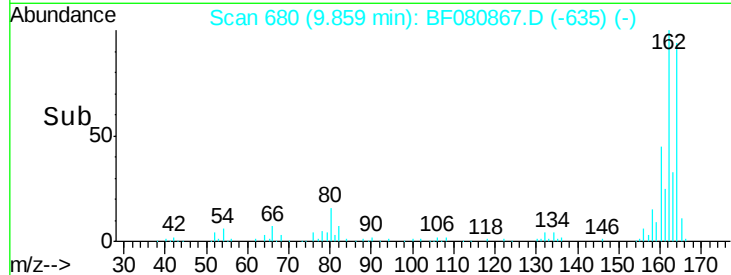
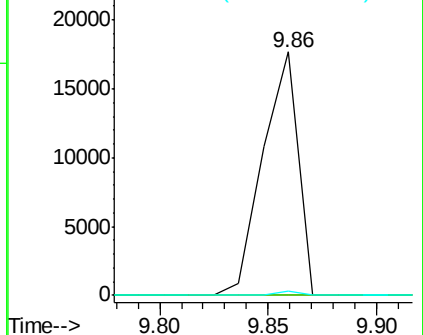
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.0	97.6#
89	1.8	56.6	85.0#



Abundance Ion 165.00 (164.70 to 165.70): E

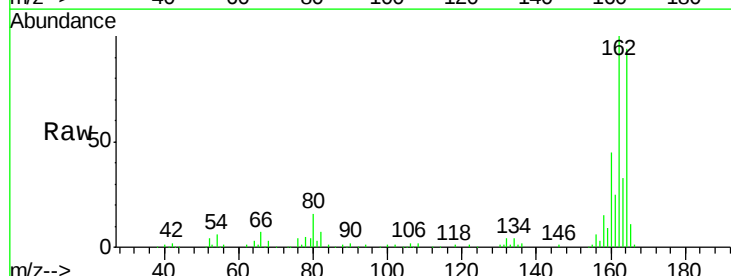
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.18 min
 Lab File: BF080867.D
 Acq: 5 Aug 2015 7:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.2	70.8#
89	1.8	70.2	105.2#
182	0.0	1.5	2.3#

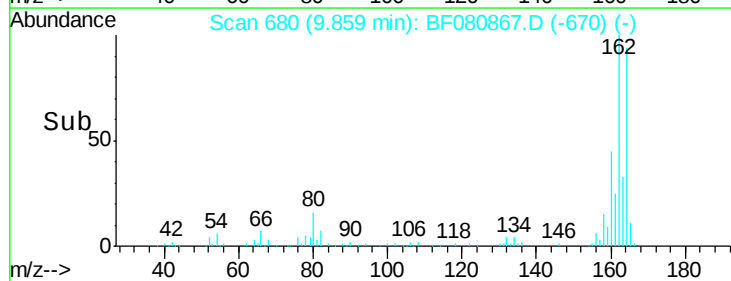
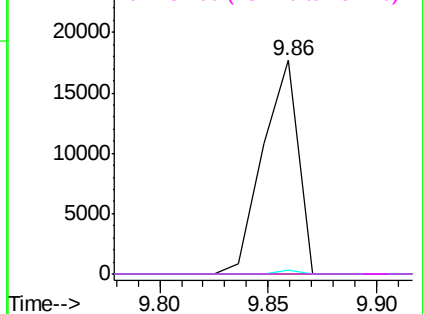


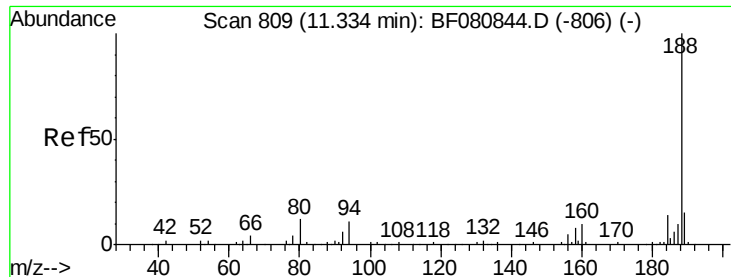
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

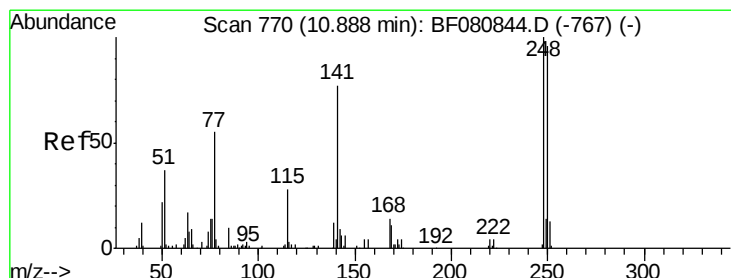
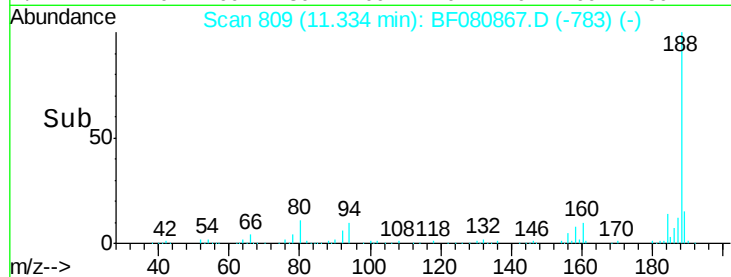
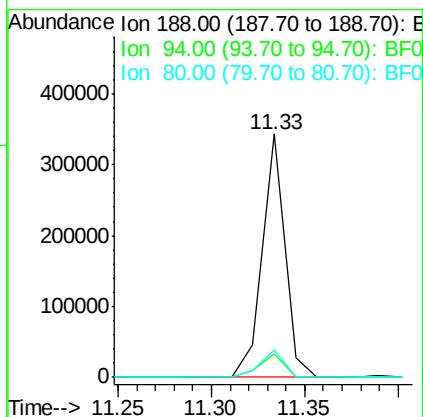
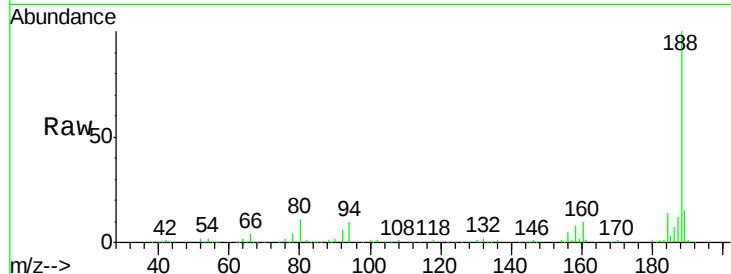




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF080867.D
Acq: 5 Aug 2015 7:05

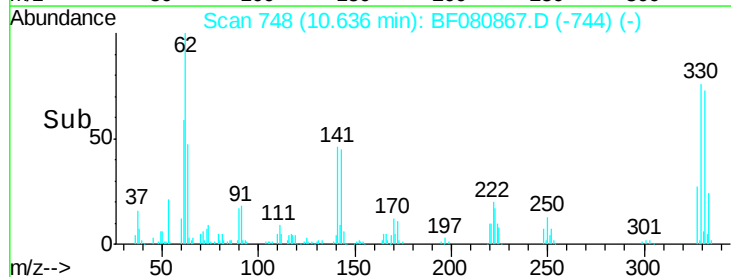
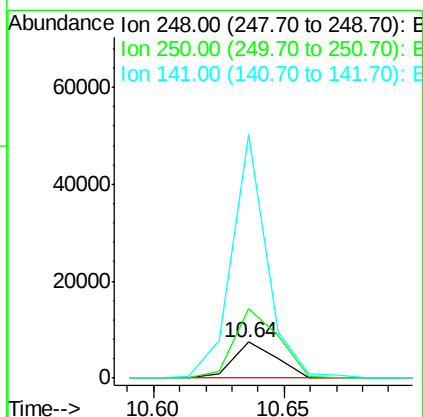
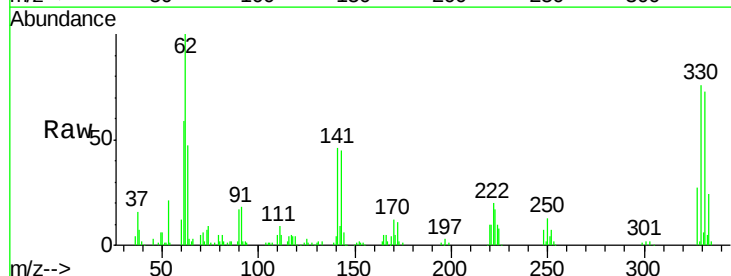
Instrument :
BNA_F
ClientSampleId :
MW-4

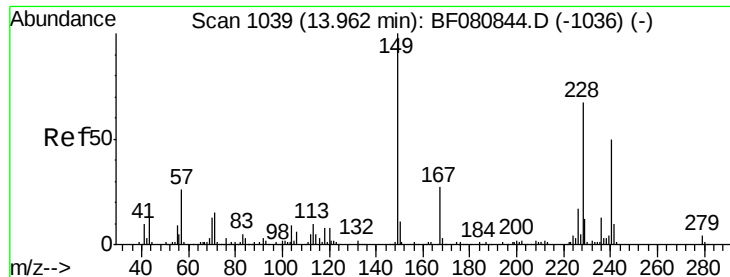
Tot Ion:188 Resp: 286513
Ion Ratio Lower Upper
188 100
94 9.9 8.6 12.8
80 11.0 9.3 13.9



#66
4-Bromophenyl-phenylether
Concen: 2.65 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF080867.D
Acq: 5 Aug 2015 7:05

Tgt Ion:248 Resp: 8410
Ion Ratio Lower Upper
248 100
250 193.3 77.2 115.8#
141 680.6 61.4 92.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MW-4

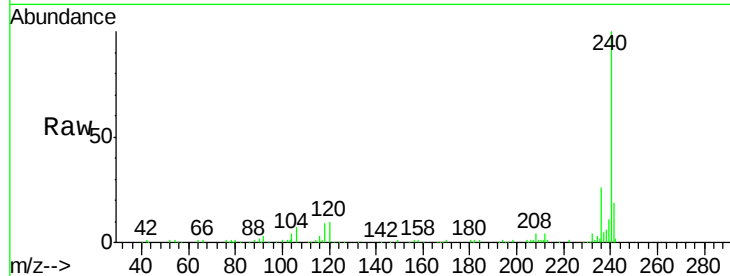
Tot Ion:240 Resp: 169593

Ion Ratio Lower Upper

240 100

120 10.2 13.0 19.6#

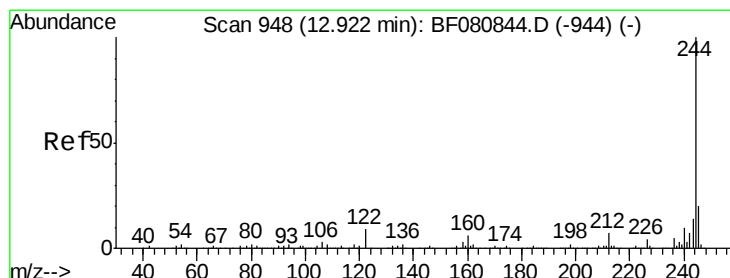
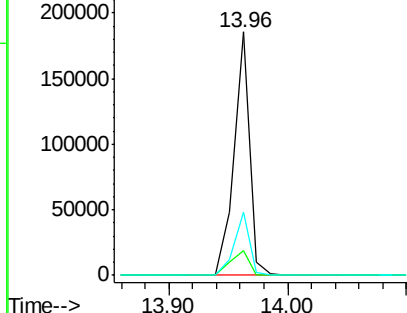
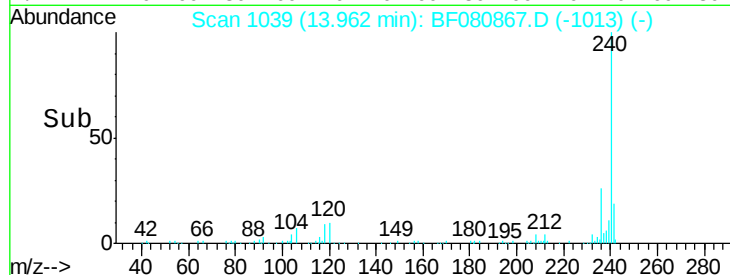
236 25.8 20.7 31.1



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: 57.36 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF080867.D

Acq: 5 Aug 2015 7:05

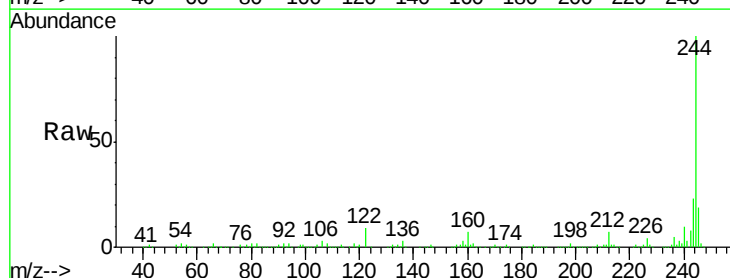
Tgt Ion:244 Resp: 537442

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

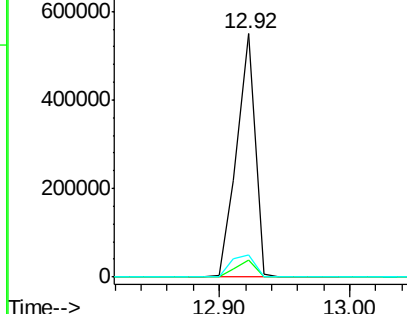
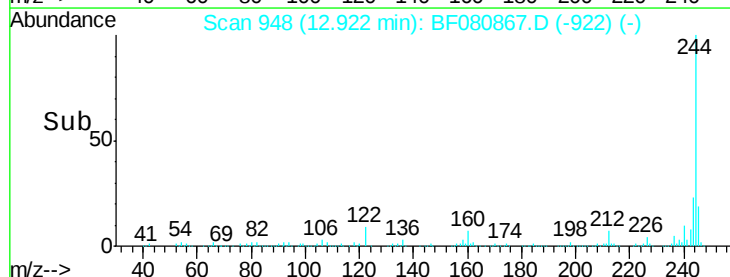
122 9.1 7.1 10.7

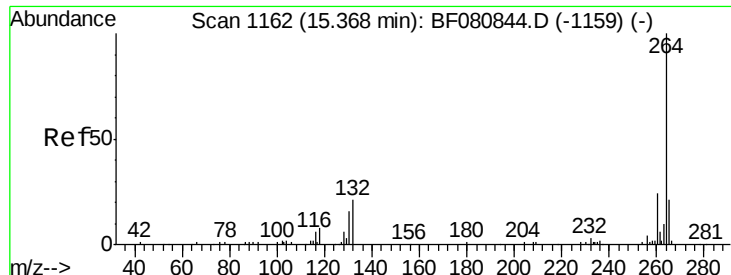


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF080867.D
Acq: 5 Aug 2015 7:05

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.2	16.8	25.2

