

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080866.D
 Acq On : 5 Aug 2015 6:35
 Operator : TP/UM
 Sample : G3170-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Aug 05 07:13:43 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

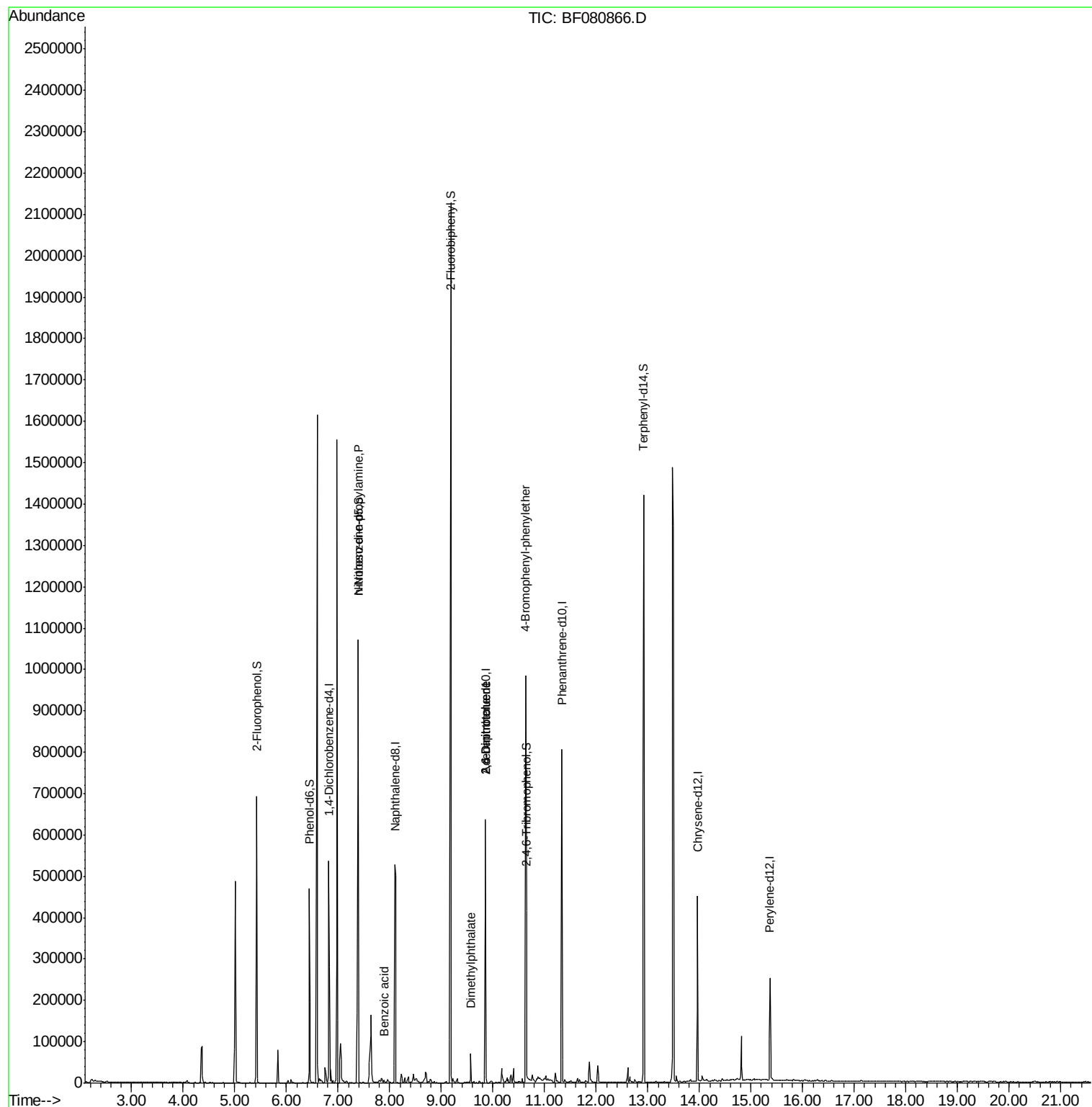
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	90713	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	343640	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	154535	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	267685	20.00	ng	0.00
75) Chrysene-d12	13.96	240	159098	20.00	ng	0.00
86) Perylene-d12	15.37	264	105508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	230161	38.40	ng	0.00
7) Phenol-d6	6.44	99	169662	21.65	ng	-0.01
23) Nitrobenzene-d5	7.39	82	466512	63.98	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	131074	87.95	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	737303	64.24	ng	0.00
78) Terphenyl-d14	12.92	244	500367	56.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	62027	12.25	ng	# 70
32) Benzoic acid	7.89	122	872	2.87	ng	# 15
49) Dimethylphthalate	9.57	163	24911	2.21	ng	# 98
50) 2,6-Dinitrotoluene	9.86	165	19329	8.20	ng	# 13
56) 2,4-Dinitrotoluene	9.86	165	19329	6.50	ng	# 14
66) 4-Bromophenyl-phenylether	10.64	248	7834	2.64	ng	# 1

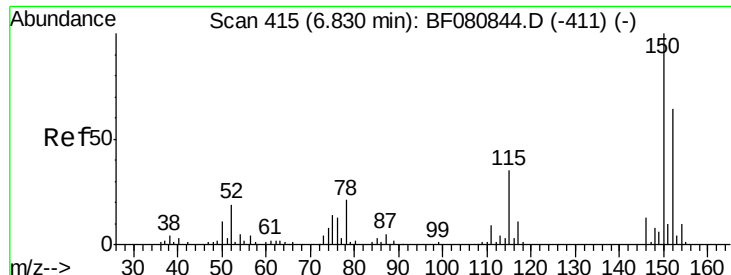
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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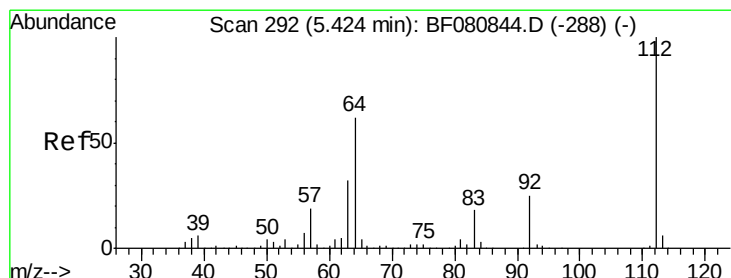
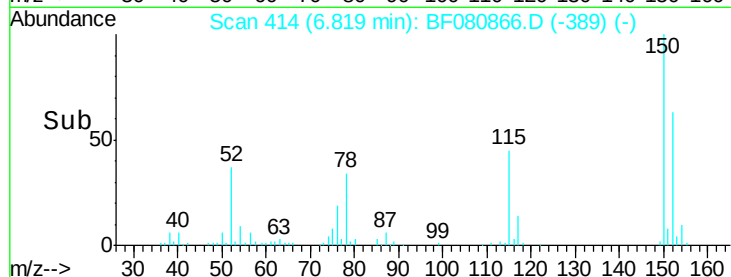
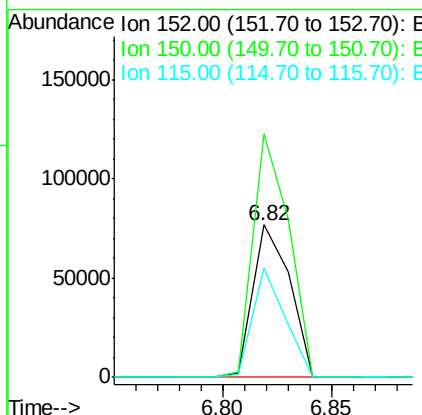
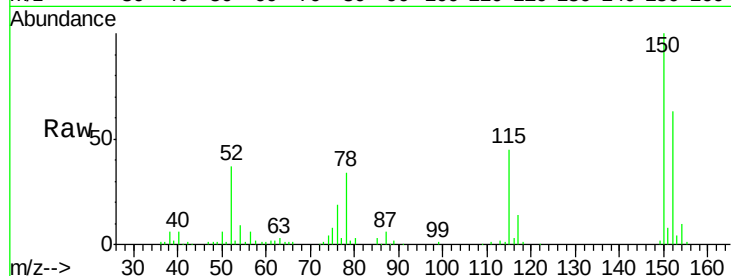


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF080866.D
 Acq: 5 Aug 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

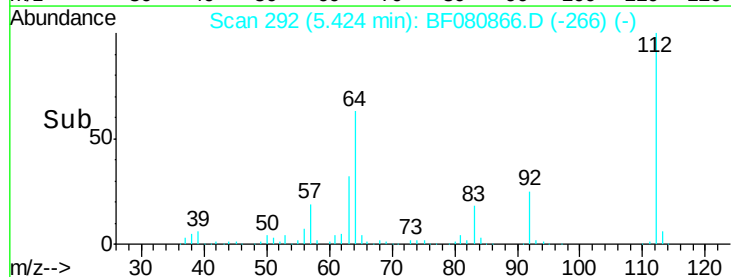
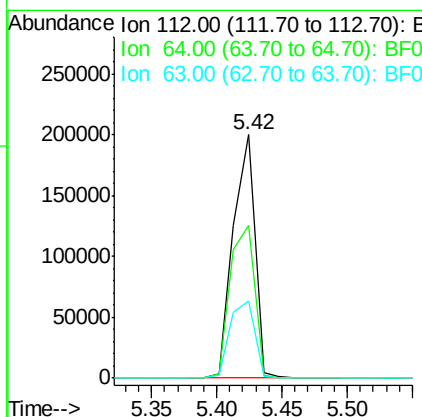
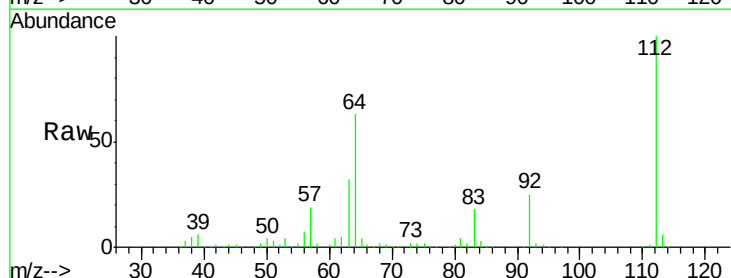
Tot Ion:152 Resp: 90713
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 187.0
 115 71.6 44.2 66.4#

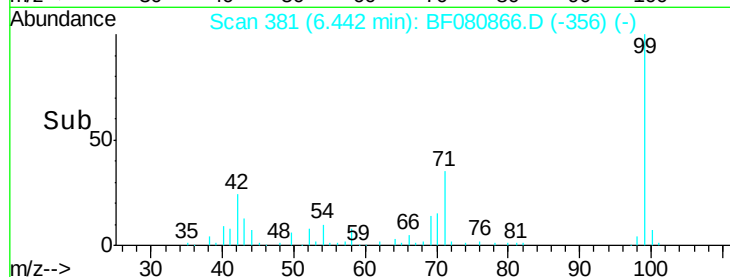
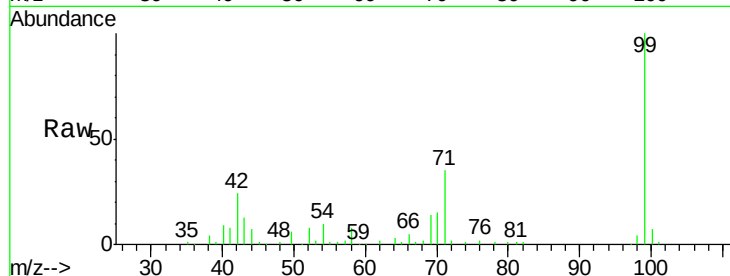
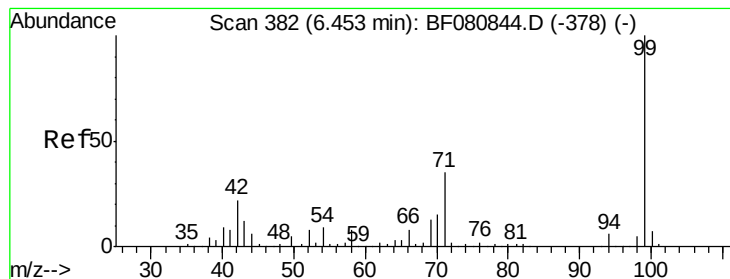


#5

2-Fluorophenol
 Concen: 38.40 ng
 RT: 5.42 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: BF080866.D
 Acq: 5 Aug 2015 6:35

Tgt Ion:112 Resp: 230161
 Ion Ratio Lower Upper
 112 100
 64 62.7 49.5 74.3
 63 31.7 25.3 37.9





#7

Phenol-d6

Concen: 21.65 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080866.D

Acq: 5 Aug 2015 6:35

Instrument :

BNA_F

ClientSampleId :

MW-2

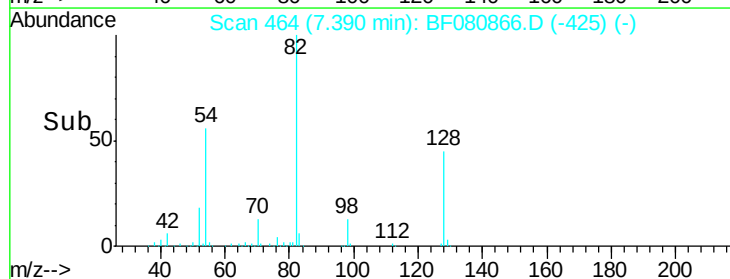
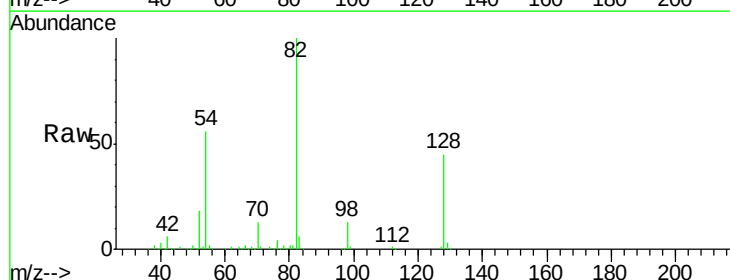
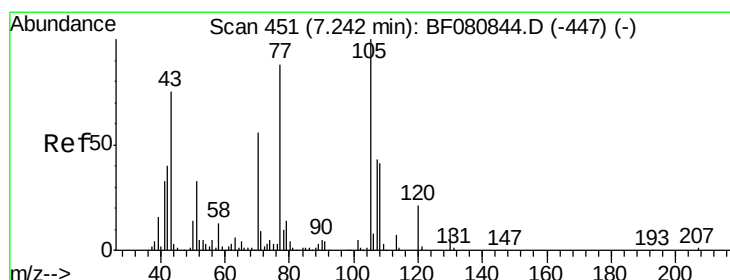
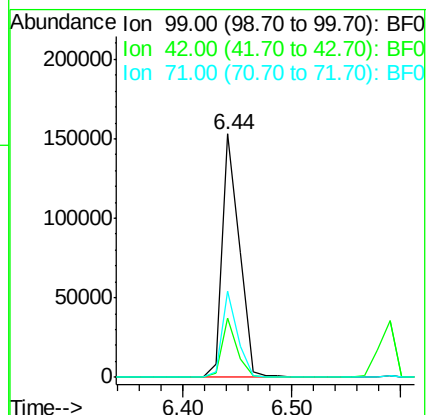
Tot Ion: 99 Resp: 169662

Ion Ratio Lower Upper

99 100

42 24.4 17.9 26.9

71 35.4 28.2 42.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.25 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF080866.D

Acq: 5 Aug 2015 6:35

Tgt Ion: 70 Resp: 62027

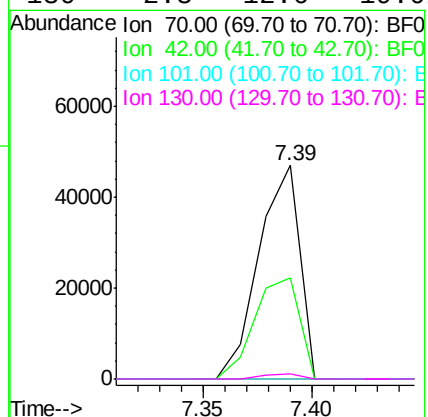
Ion Ratio Lower Upper

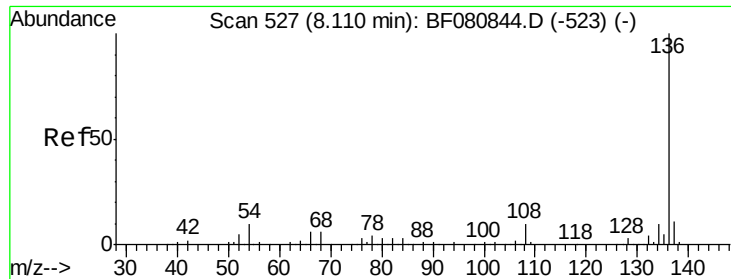
70 100

42 47.2 57.8 86.8#

101 0.0 6.7 10.1#

130 2.3 12.6 19.0#

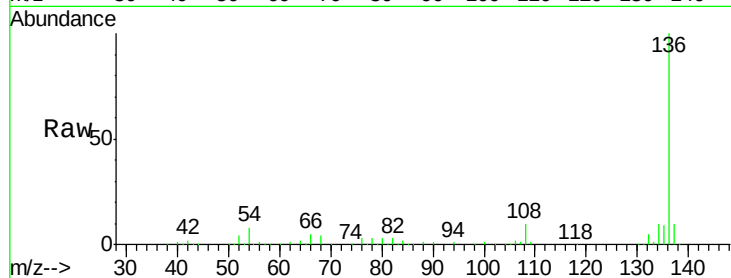




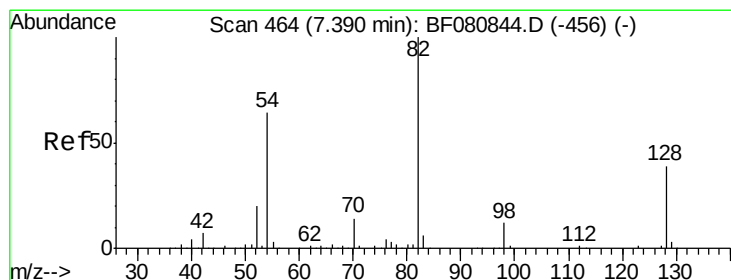
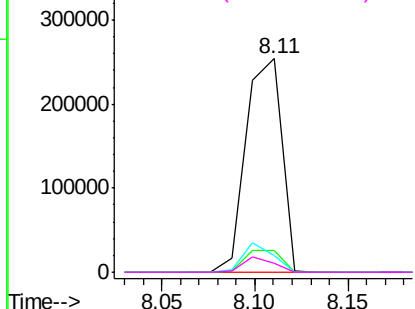
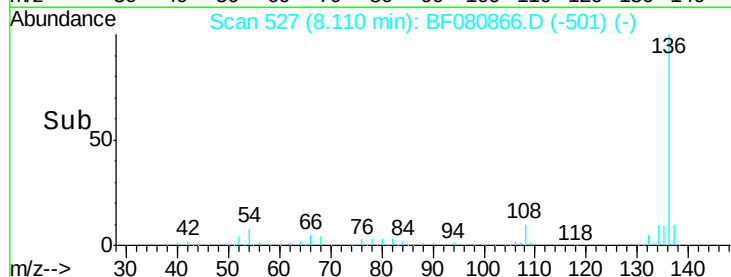
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080866.D
Acq: 5 Aug 2015 6:35

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:136	Resp:	343640
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.6 13.0
54	7.5	8.3 12.5#
68	4.3	4.8 7.2#

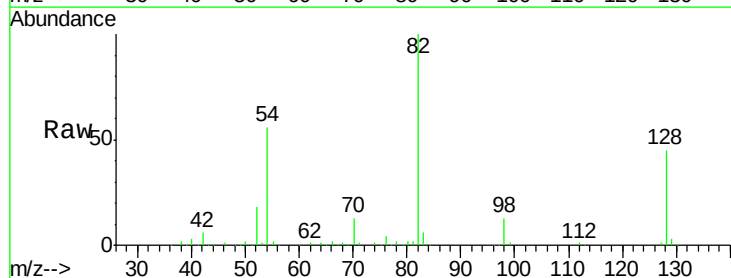


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

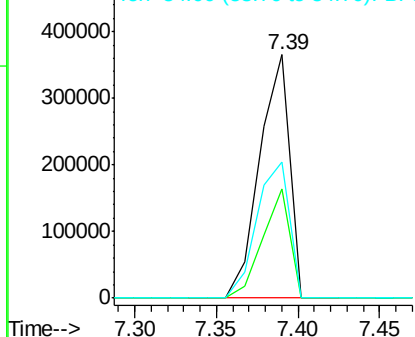
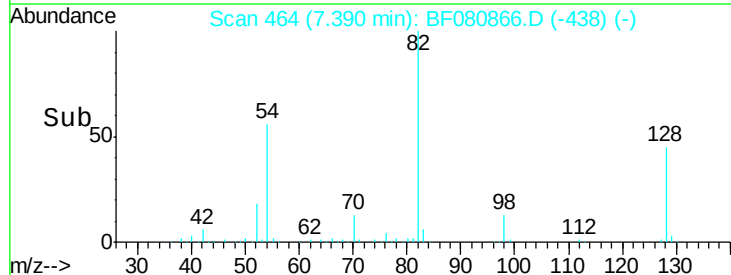


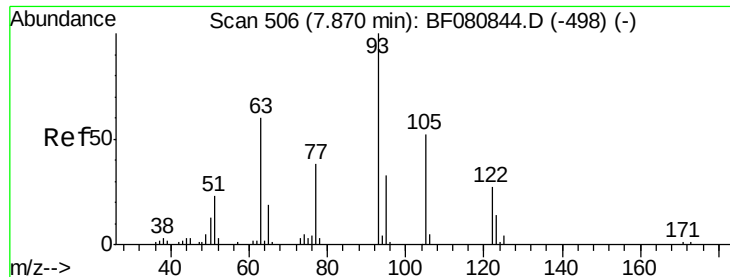
#23
Nitrobenzene-d5
Concen: 63.98 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080866.D
Acq: 5 Aug 2015 6:35

Tgt Ion: 82	Resp:	466512
Ion Ratio	Lower	Upper
82	100	
128	44.6	31.0 46.4
54	55.9	51.0 76.6



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





#32

Benzoic acid

Concen: 2.87 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.02 min

Lab File: BF080866.D

Acq: 5 Aug 2015 6:35

Instrument :

BNA_F

ClientSampled :

MW-2

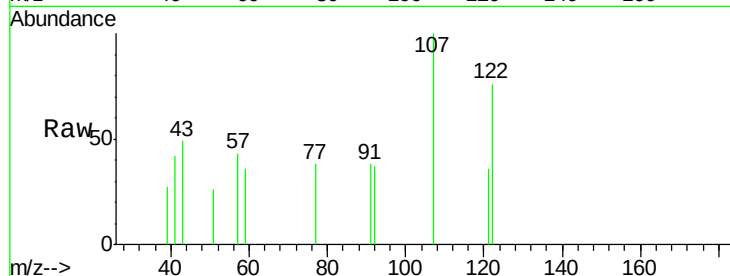
Tot Ion:122 Resp: 872

Ion Ratio Lower Upper

122 100

105 0.0 110.1 150.1#

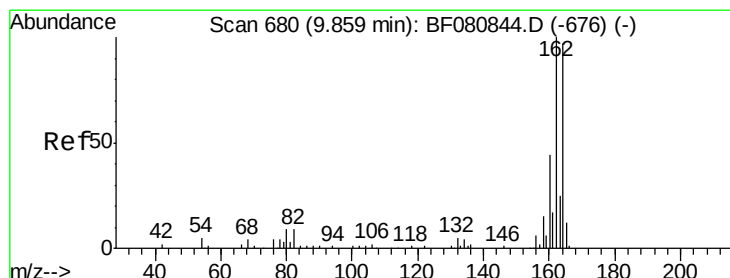
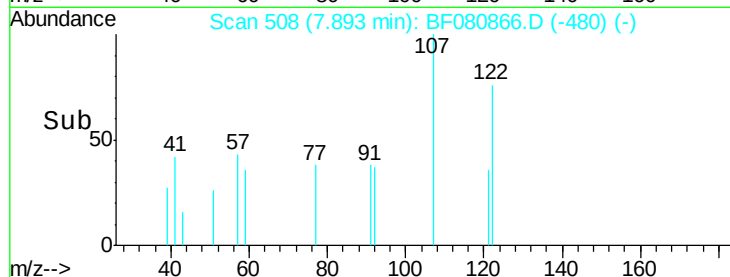
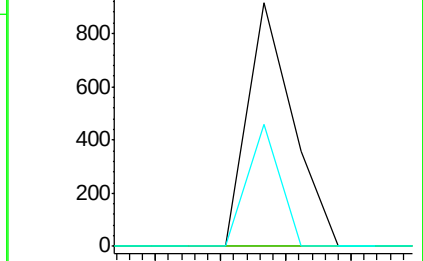
77 50.2 83.6 123.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF080866.D

Acq: 5 Aug 2015 6:35

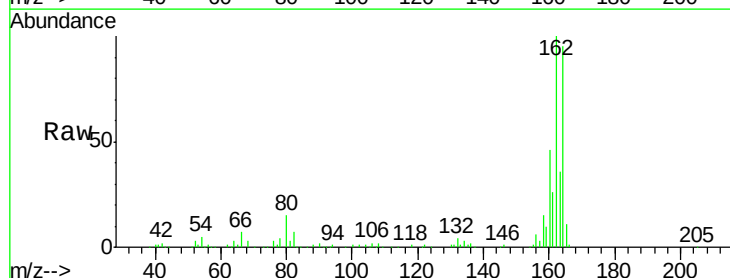
Tgt Ion:164 Resp: 154535

Ion Ratio Lower Upper

164 100

162 105.2 82.9 124.3

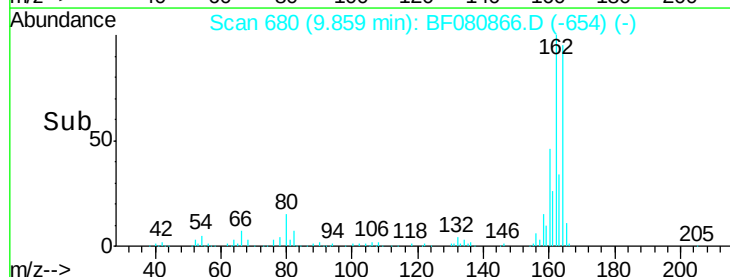
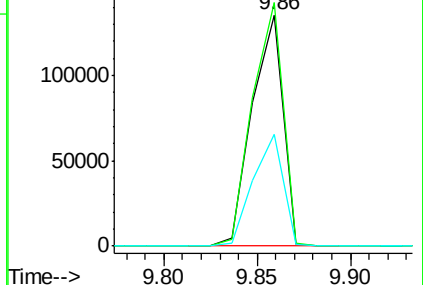
160 48.2 36.6 54.8

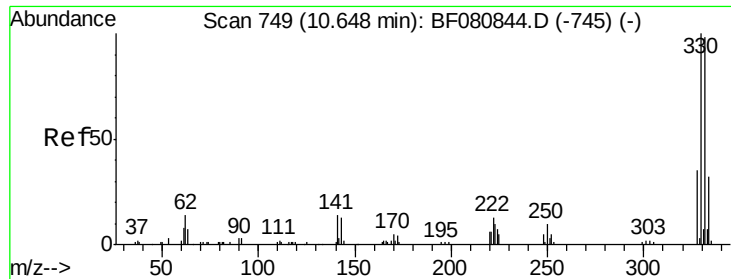


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

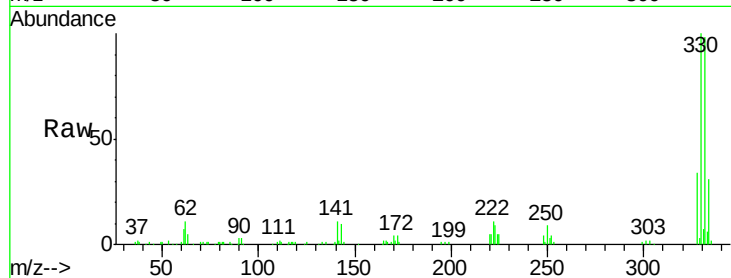




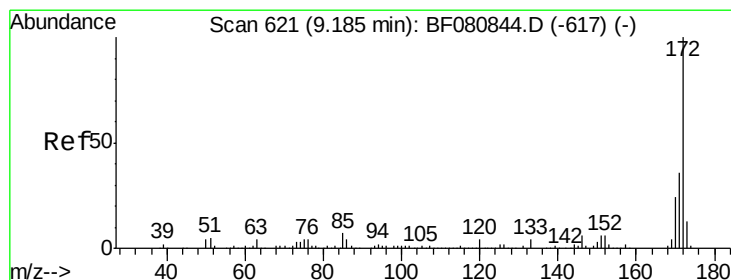
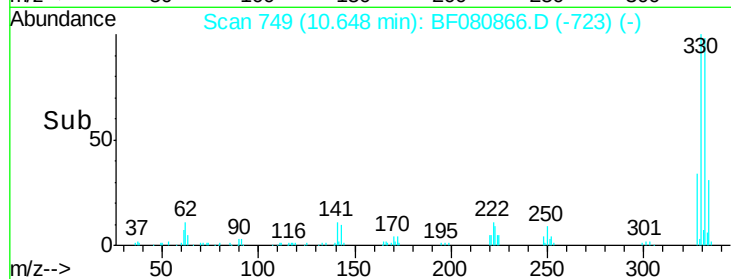
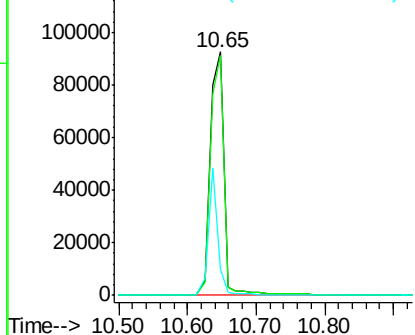
#41
 2,4,6-Tribromophenol
 Concen: 87.95 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080866.D
 Acq: 5 Aug 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.8
141	36.5	28.4	42.6

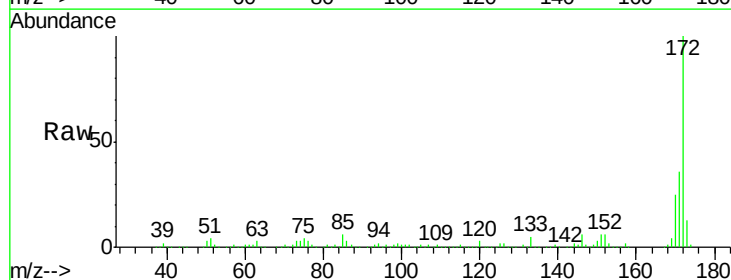


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

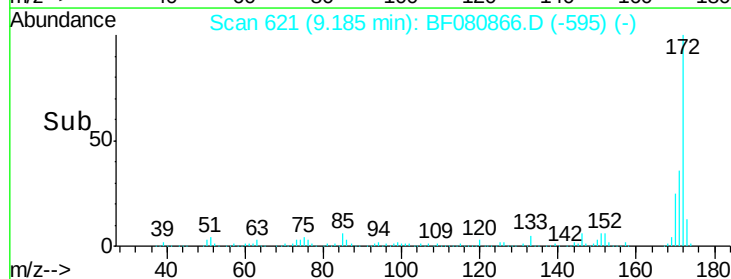
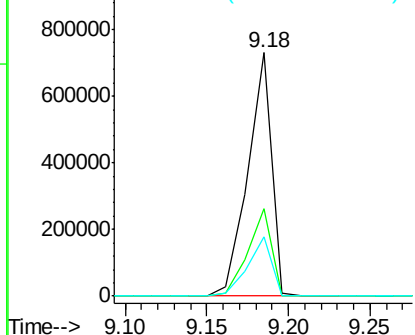


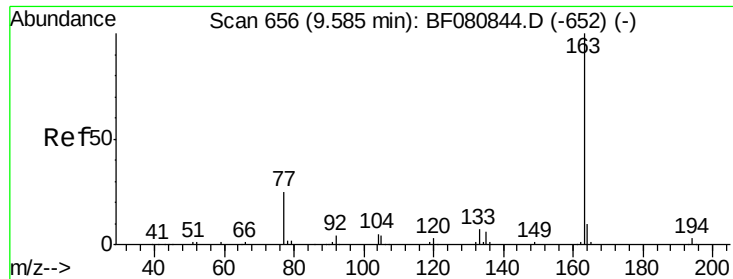
#44
 2-Fluorobiphenyl
 Concen: 64.24 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080866.D
 Acq: 5 Aug 2015 6:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.6	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

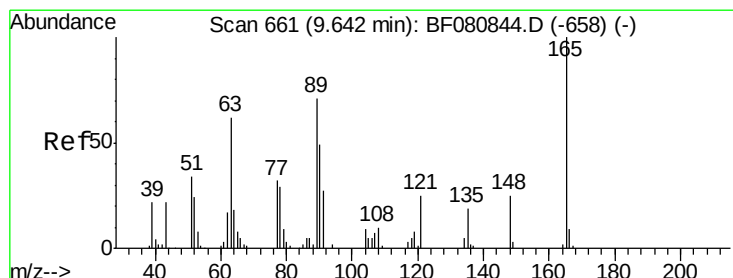
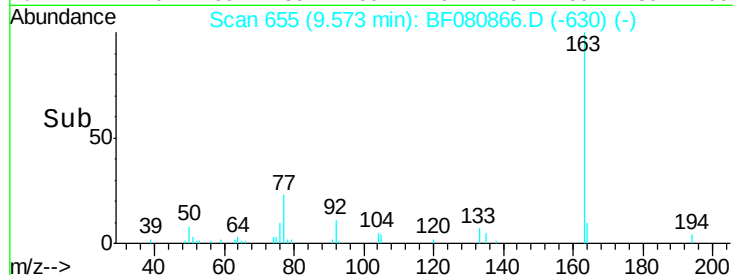
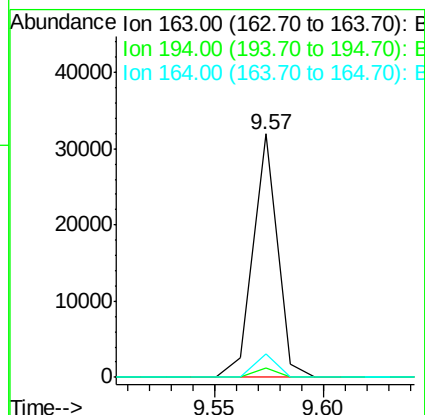
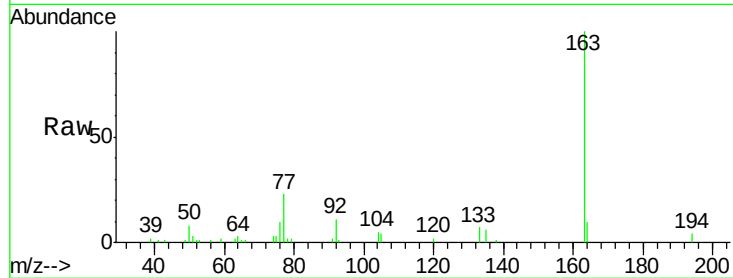




#49
Dimethylphthalate
Concen: 2.21 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF080866.D
Acq: 5 Aug 2015 6:35

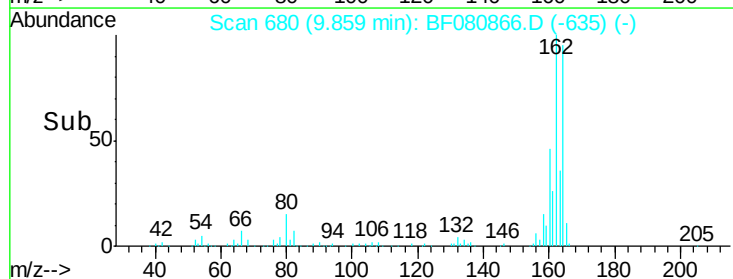
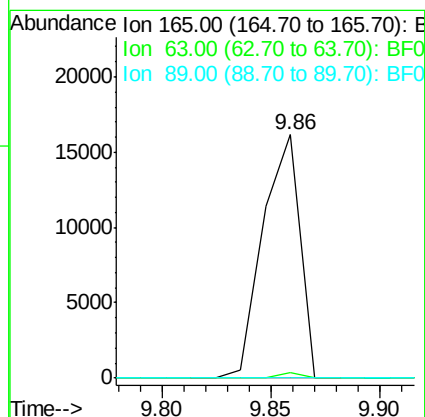
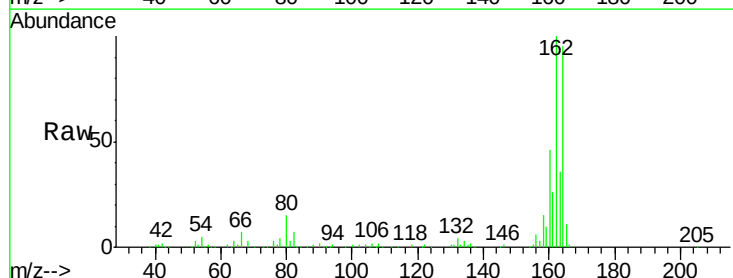
Instrument :
BNA_F
ClientSampleId :
MW-2

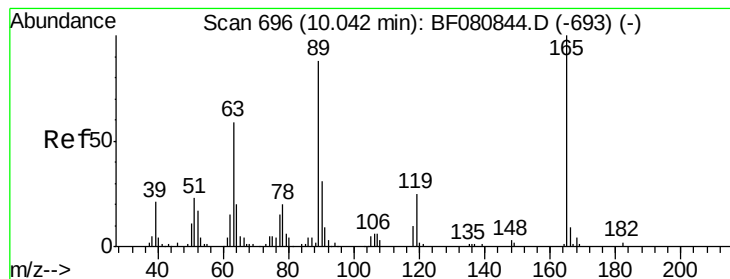
Tot Ion:163 Resp: 24911
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.8 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.22 min
Lab File: BF080866.D
Acq: 5 Aug 2015 6:35

Tgt Ion:165 Resp: 19329
Ion Ratio Lower Upper
165 100
63 2.5 65.0 97.6#
89 0.0 56.6 85.0#





#56

2,4-Dinitrotoluene

Concen: 6.50 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.18 min

Lab File: BF080866.D

Acq: 5 Aug 2015 6:35

Instrument :

BNA_F

ClientSampleId :

MW-2

Tot Ion:165 Resp: 19329

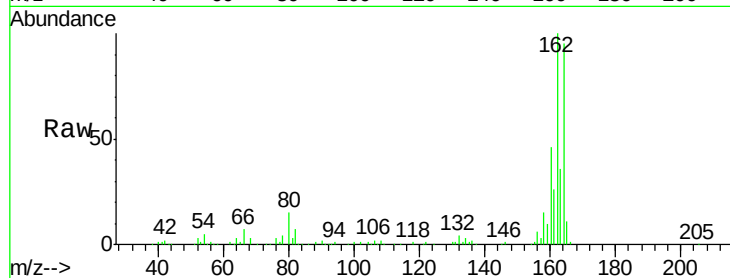
Ion Ratio Lower Upper

165 100

63 2.5 47.2 70.8#

89 0.0 70.2 105.2#

182 0.0 1.5 2.3#

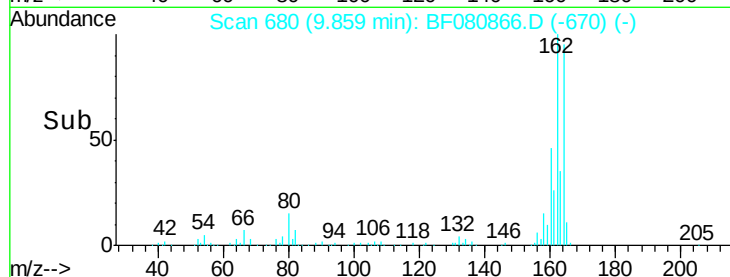


Abundance Ion 165.00 (164.70 to 165.70): E

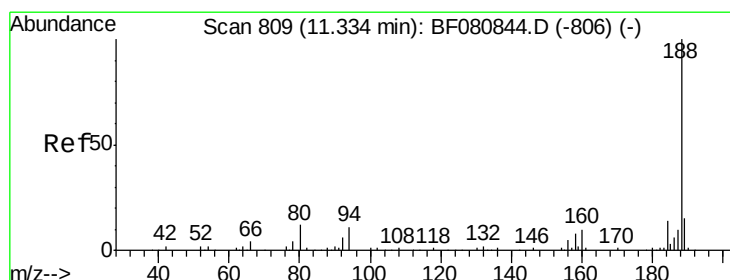
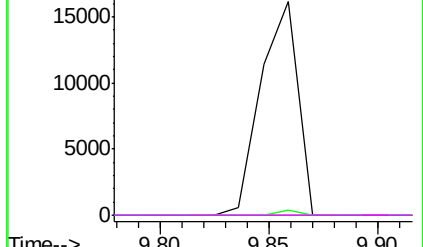
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF080866.D

Acq: 5 Aug 2015 6:35

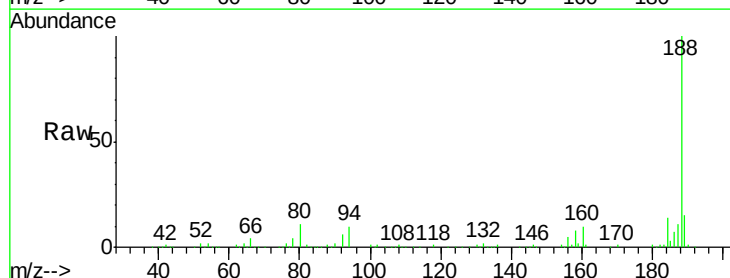
Tgt Ion:188 Resp: 267685

Ion Ratio Lower Upper

188 100

94 10.3 8.6 12.8

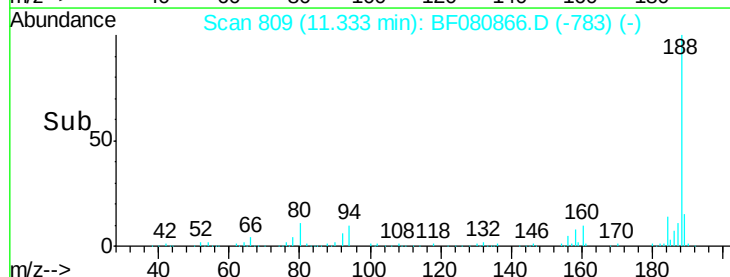
80 11.0 9.3 13.9



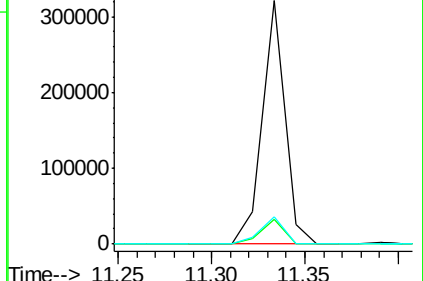
Abundance Ion 188.00 (187.70 to 188.70): E

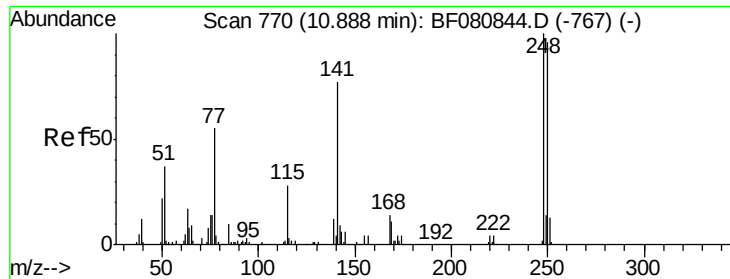
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

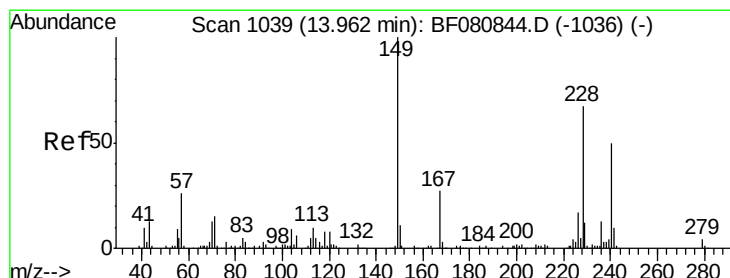
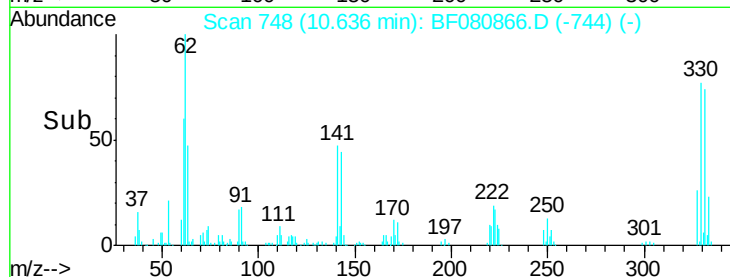
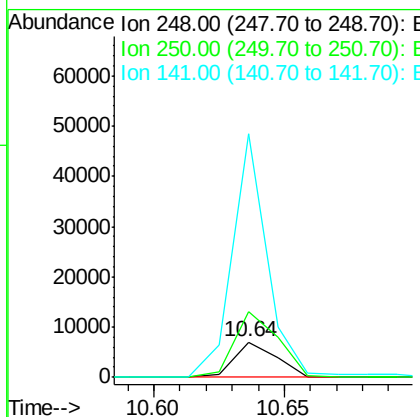
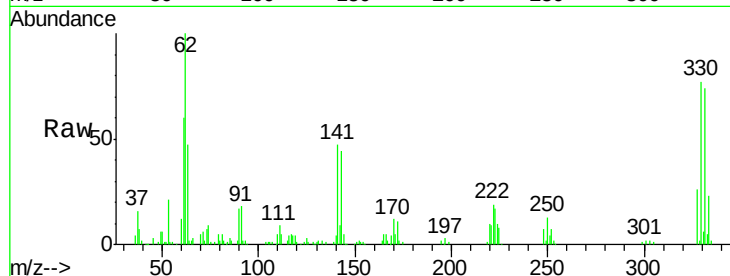




#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF080866.D
Acq: 5 Aug 2015 6:35

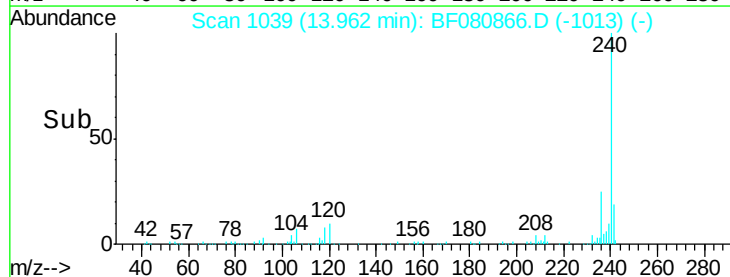
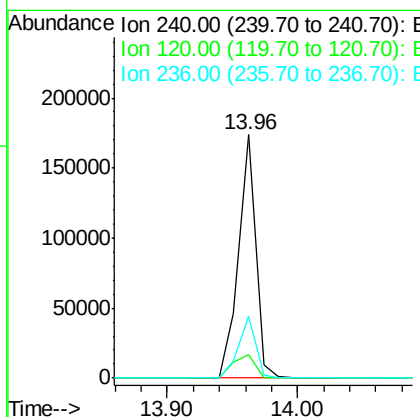
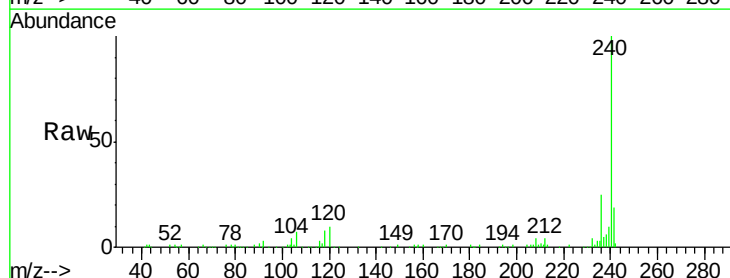
Instrument :
BNA_F
ClientSampleId :
MW-2

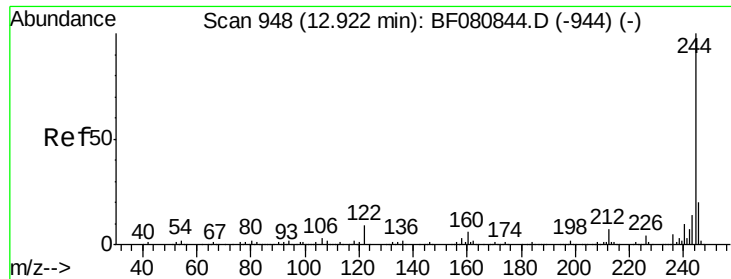
Tot Ion:248 Resp: 7834
Ion Ratio Lower Upper
248 100
250 187.9 77.2 115.8#
141 692.6 61.4 92.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF080866.D
Acq: 5 Aug 2015 6:35

Tgt Ion:240 Resp: 159098
Ion Ratio Lower Upper
240 100
120 9.9 13.0 19.6#
236 25.4 20.7 31.1

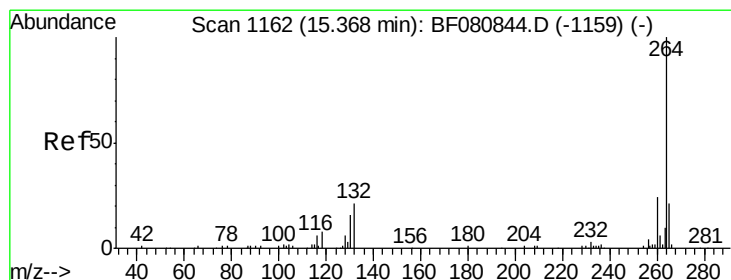
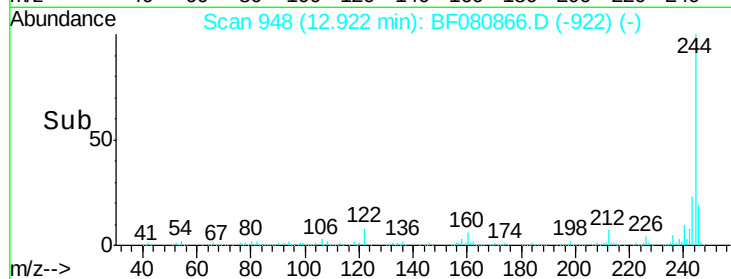
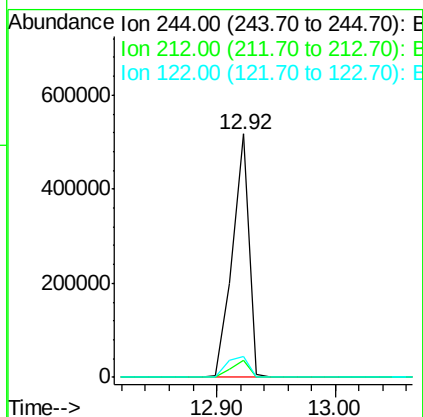
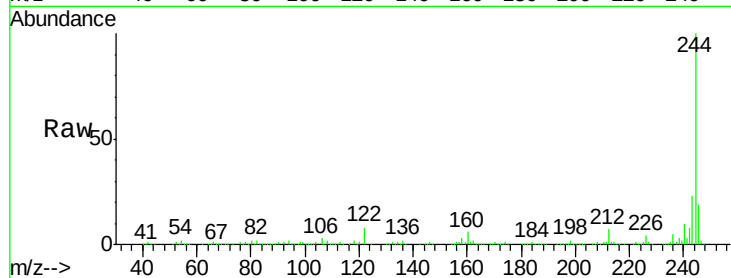




#78
 Terphenyl-d14
 Concen: 56.92 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080866.D
 Acq: 5 Aug 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	8.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080866.D
 Acq: 5 Aug 2015 6:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	20.9	16.8	25.2

