

Data Path : S:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080870.D
 Acq On : 5 Aug 2015 8:37
 Operator : TP/UM
 Sample : G3170-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Aug 05 14:20:56 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

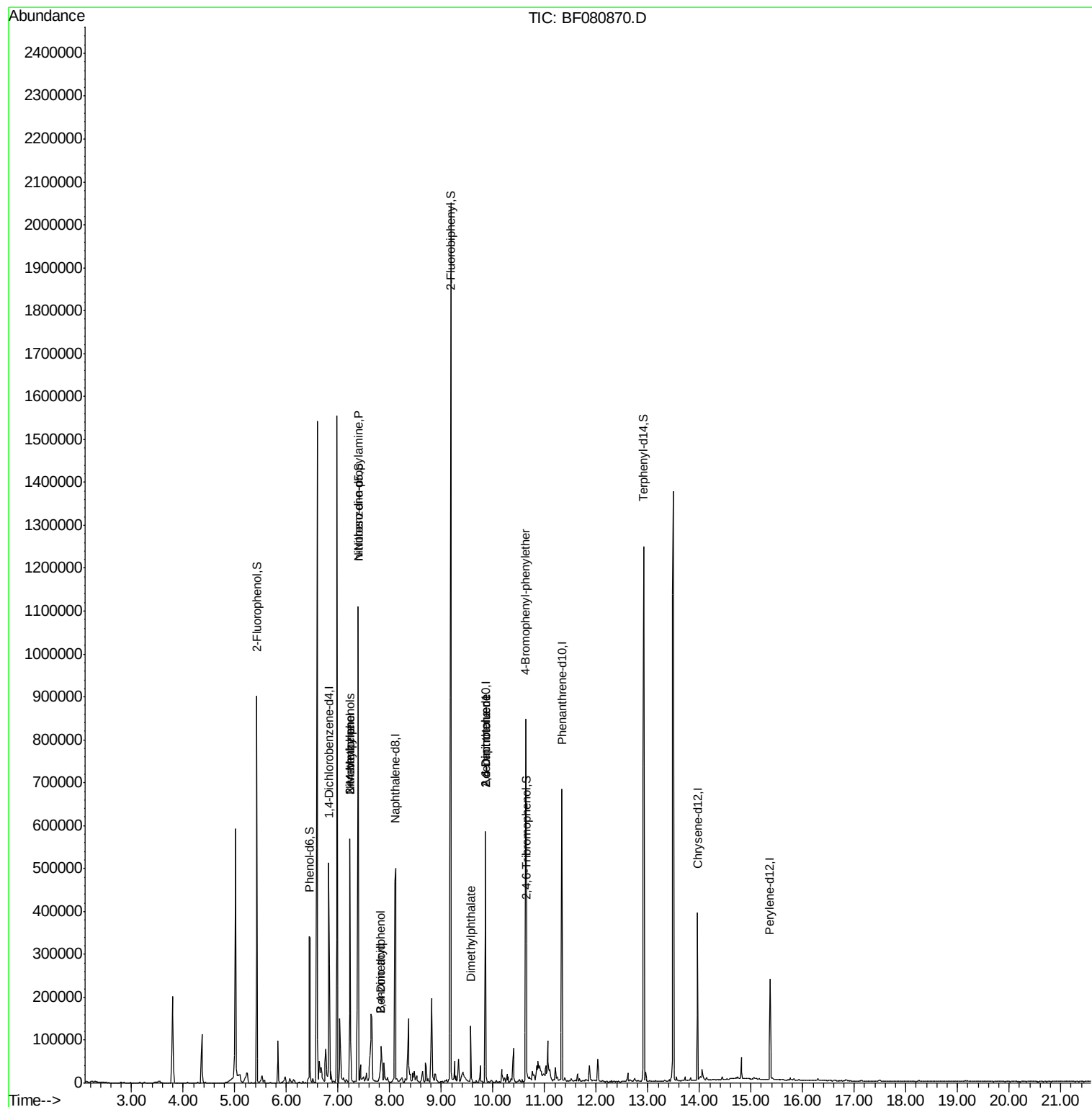
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86342	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	325059	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	139429	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	228883	20.00	ng	0.00
75) Chrysene-d12	13.96	240	141400	20.00	ng	0.00
86) Perylene-d12	15.37	264	100368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	227661	39.91	ng	0.00
7) Phenol-d6	6.45	99	175529	23.54	ng	0.00
23) Nitrobenzene-d5	7.39	82	471280	68.33	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	106082	78.90	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	691725	66.80	ng	0.00
78) Terphenyl-d14	12.92	244	471459	60.35	ng	0.00
Target Compounds						
17) 2-Methylphenol	7.23	107	143609	25.66	ng	# 69
19) n-Nitroso-di-n-propylamine	7.39	70	61872	12.84	ng	# 71
20) 3+4-Methylphenols	7.23	107	143599	22.12	ng	# 60
24) Nitrobenzene	7.23	77	45405	6.35	ng	# 43
27) 2,4-Dimethylphenol	7.82	122	14914	2.73	ng	# 5
32) Benzoic acid	7.82	122	14914	6.46	ng	96
49) Dimethylphthalate	9.57	163	45062	4.43	ng	99
50) 2,6-Dinitrotoluene	9.86	165	17764	8.35	ng	# 13
56) 2,4-Dinitrotoluene	9.86	165	17764	6.62	ng	# 14
66) 4-Bromophenyl-phenylether	10.64	248	6203	2.45	ng	# 1

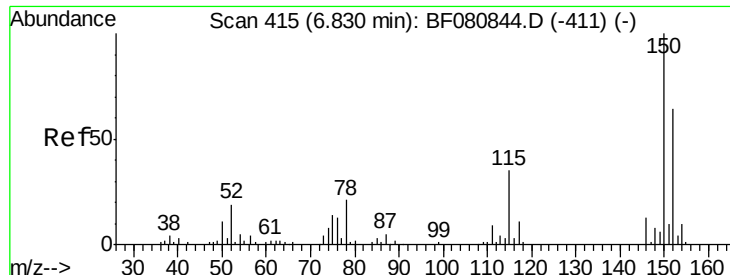
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080870.D

Acq: 5 Aug 2015 8:37

Instrument :

BNA_F

ClientSampleId :

MW-1

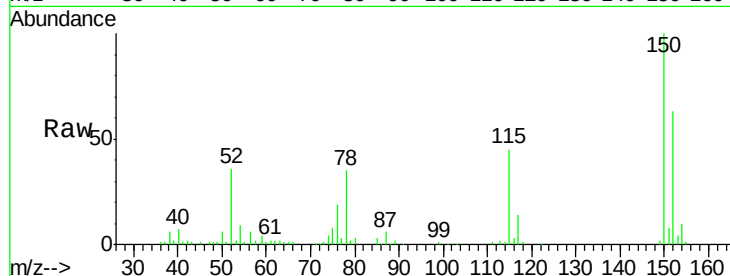
Tgt Ion:152 Resp: 86342

Ion Ratio Lower Upper

152 100

150 159.7 124.6 187.0

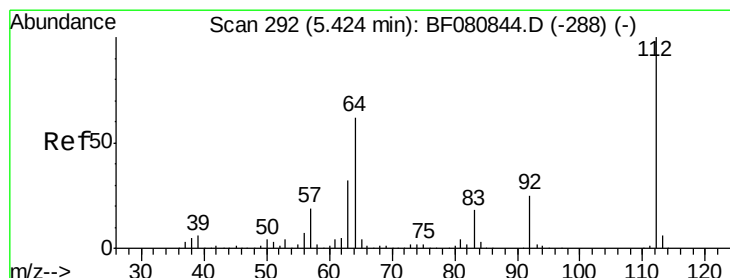
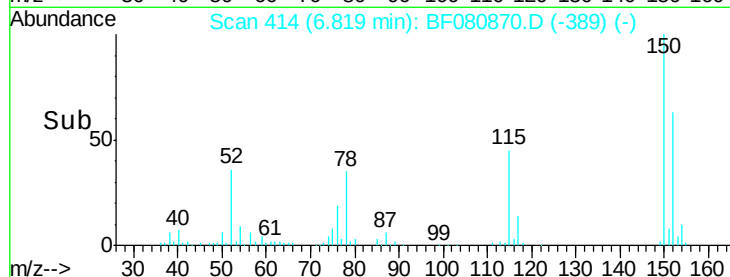
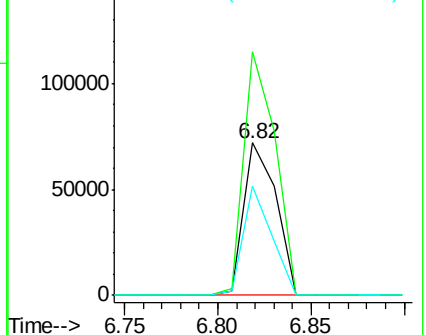
115 71.6 44.2 66.4#



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: 39.91 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

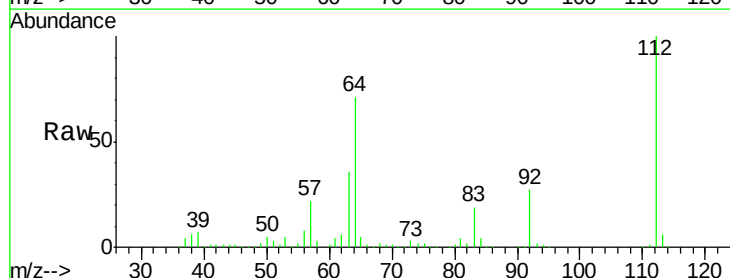
Tgt Ion:112 Resp: 227661

Ion Ratio Lower Upper

112 100

64 70.6 49.5 74.3

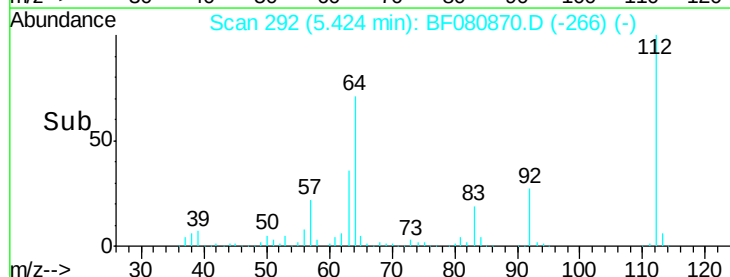
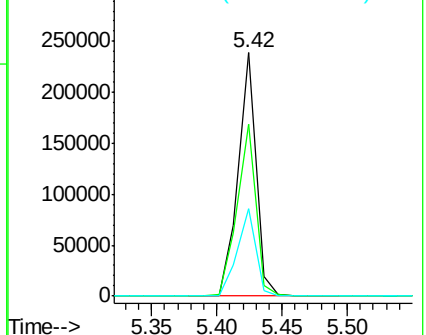
63 35.7 25.3 37.9

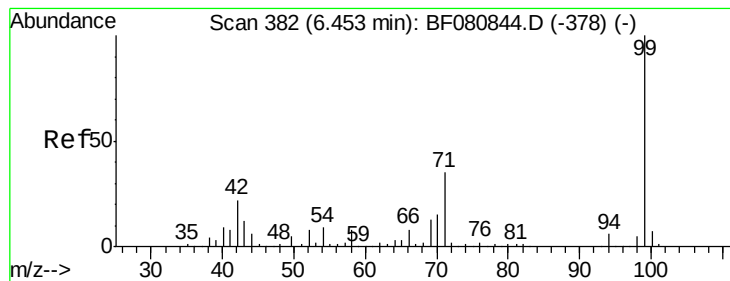


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.54 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

Instrument :

BNA_F

ClientSampleId :

MW-1

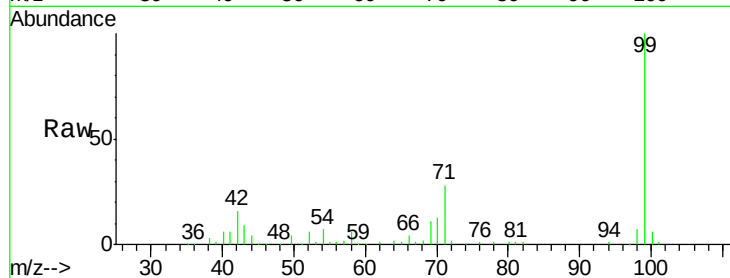
Tgt Ion: 99 Resp: 175529

Ion Ratio Lower Upper

99 100

42 16.0 17.9 26.9#

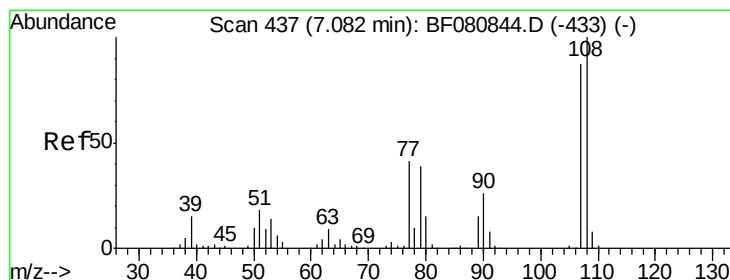
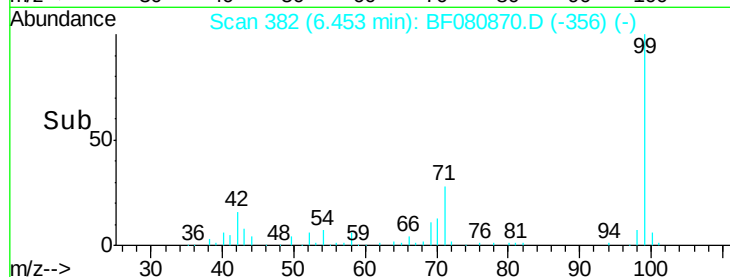
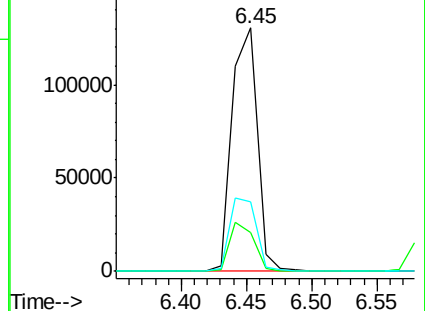
71 28.5 28.2 42.4



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



#17

2-Methylphenol

Concen: 25.66 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.15 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

Tgt Ion: 107 Resp: 143609

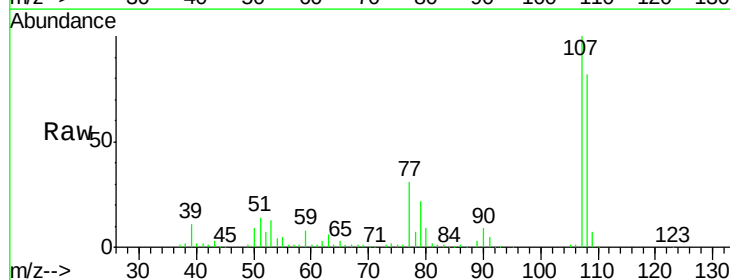
Ion Ratio Lower Upper

107 100

108 81.8 91.8 137.8#

77 31.0 38.2 57.2#

79 21.5 37.4 56.0#

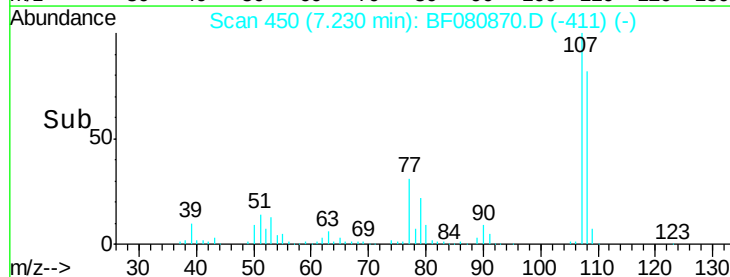
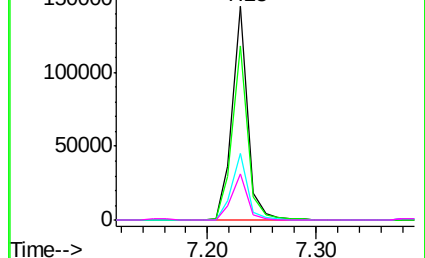


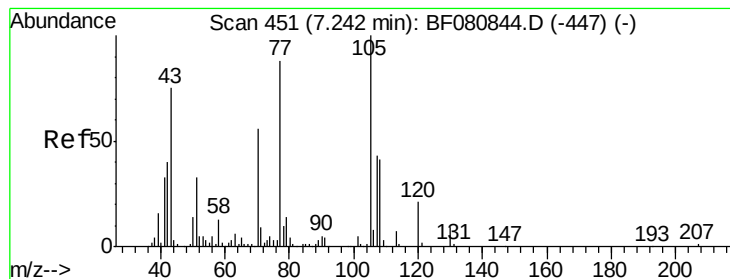
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.84 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

Instrument :

BNA_F

ClientSampleId :

MW-1

Tgt Ion: 70 Resp: 61872

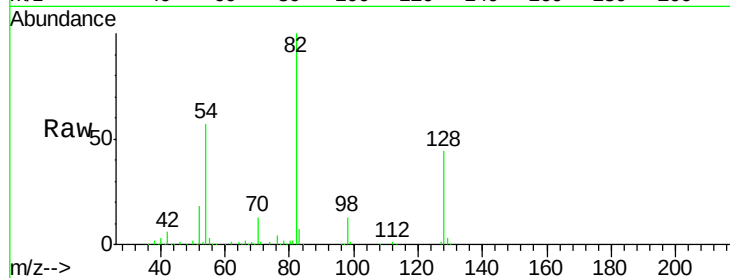
Ion Ratio Lower Upper

70 100

42 48.1 57.8 86.8#

101 0.0 6.7 10.1#

130 2.1 12.6 19.0#

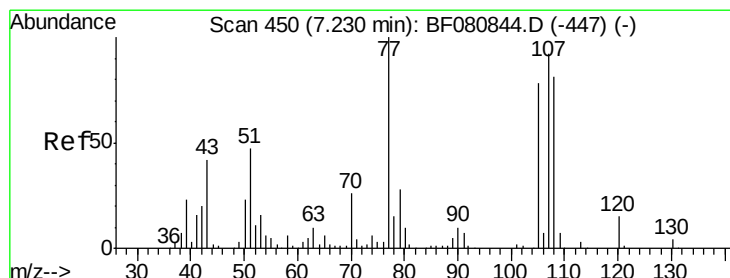
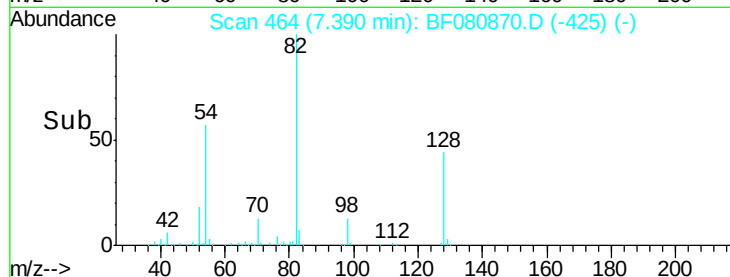
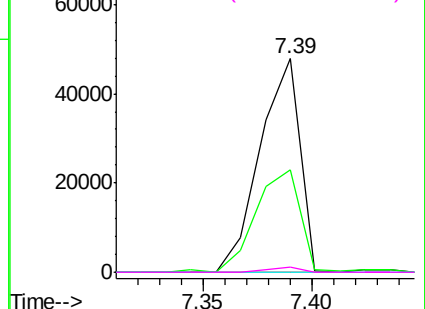


Abundance Ion 70.00 (69.70 to 70.70): BF0

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



#20

3+4-Methylphenols

Concen: 22.12 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

Tgt Ion: 107 Resp: 143599

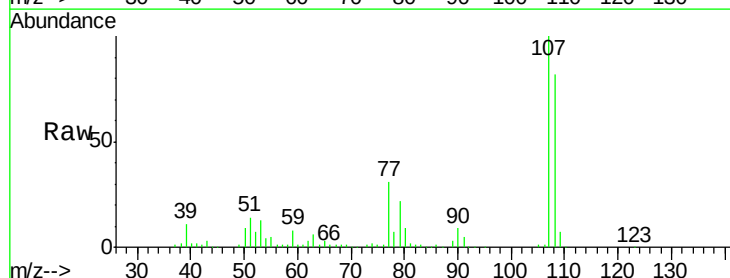
Ion Ratio Lower Upper

107 100

108 81.8 68.2 108.2

77 31.0 88.5 128.5#

79 21.5 10.3 50.3

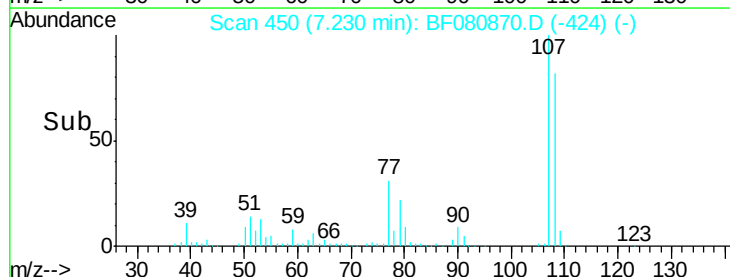
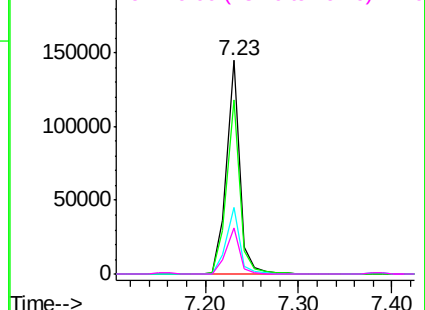


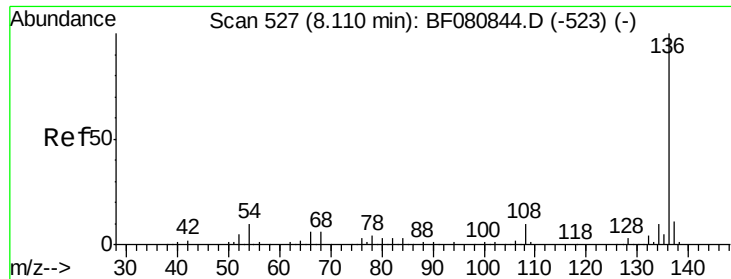
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

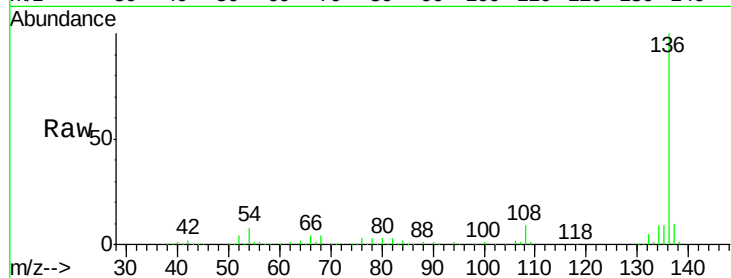




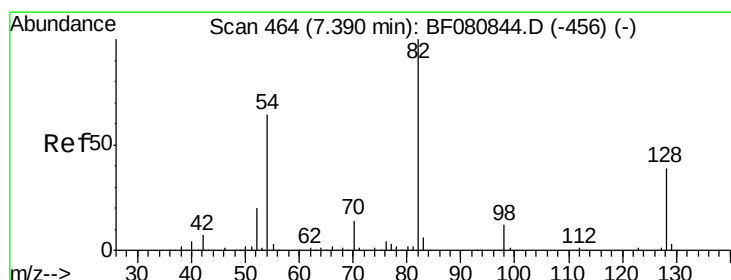
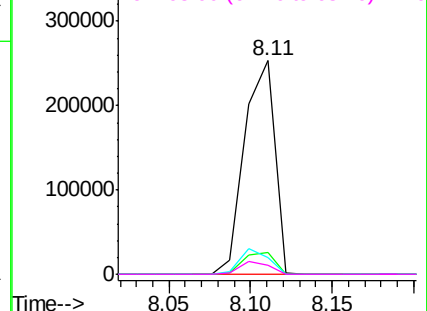
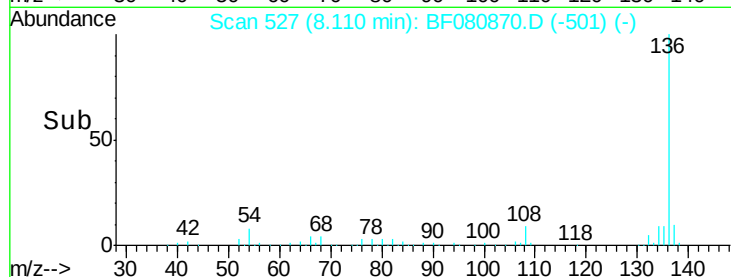
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:	136	Resp:	325059
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	7.7	8.3	12.5#
68	4.4	4.8	7.2#

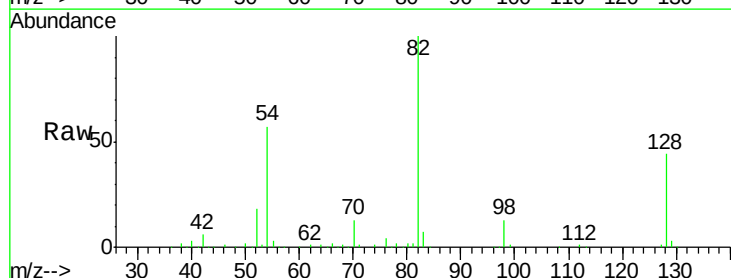


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

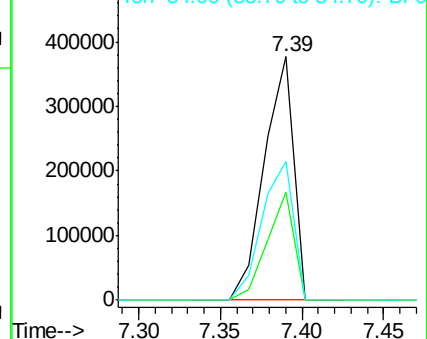
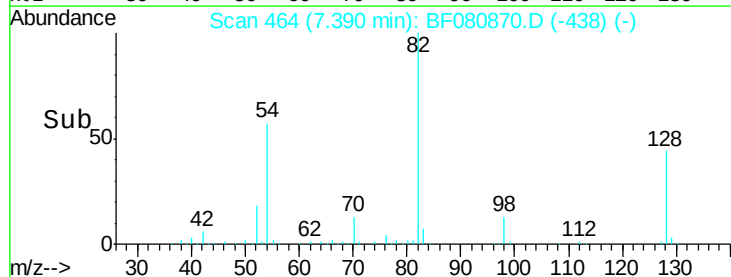


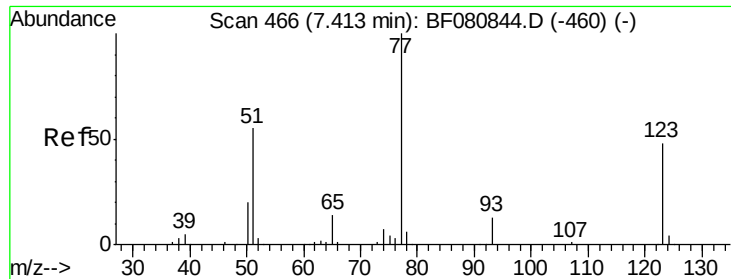
#23
Nitrobenzene-d5
Concen: 68.33 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

Tgt Ion:	82	Resp:	471280
Ion	Ratio	Lower	Upper
82	100		
128	44.3	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): E
Ion 54.00 (53.70 to 54.70): BF0

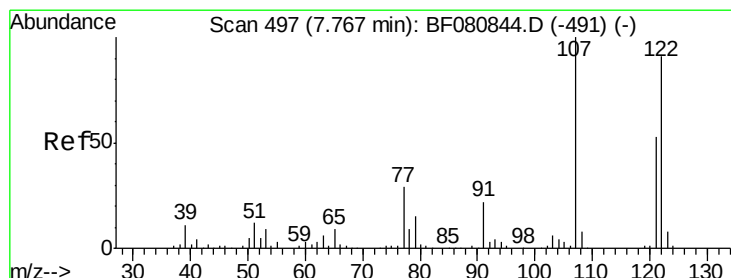
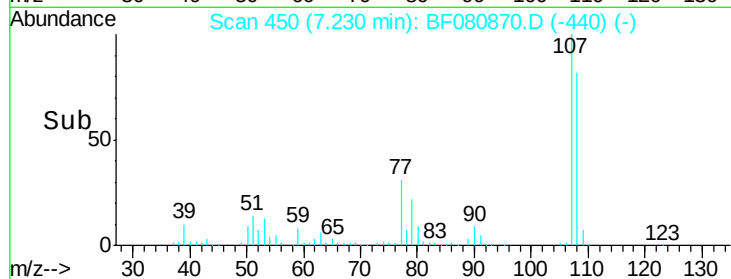
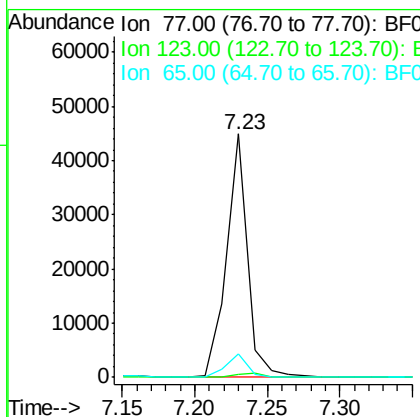
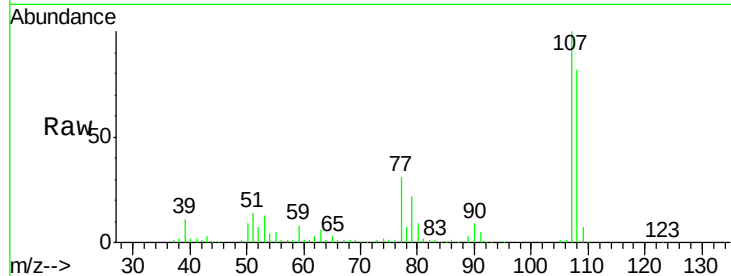




#24
 Nitrobenzene
 Concen: 6.35 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.18 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

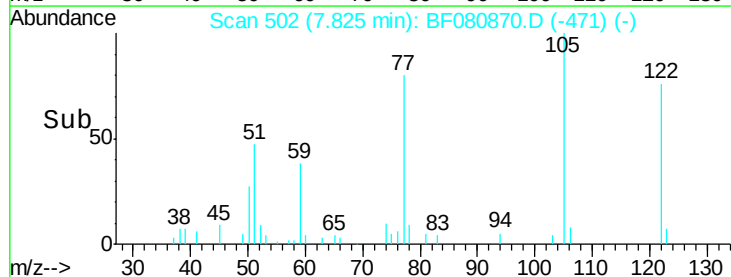
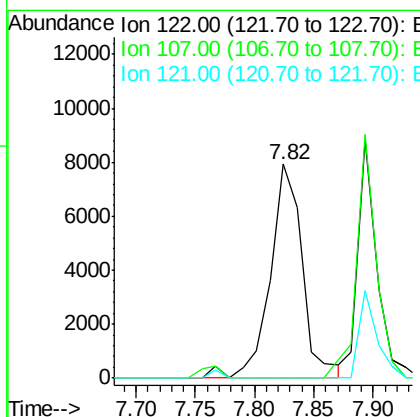
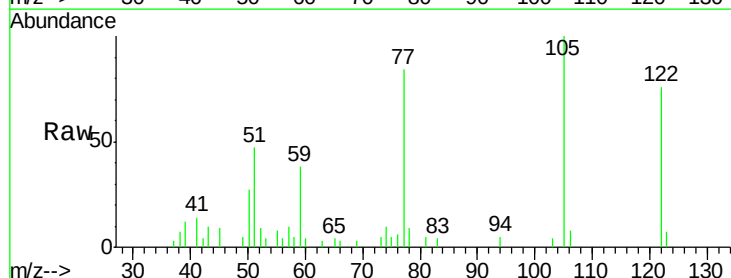
Instrument :
 BNA_F
 ClientSampleId :
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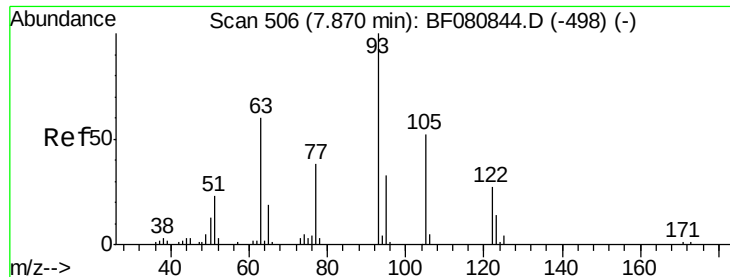
Tgt Ion: 77 Resp: 45405
 Ion Ratio Lower Upper
 77 100
 123 1.1 39.7 59.5#
 65 9.9 11.0 16.6#



#27
 2,4-Dimethylphenol
 Concen: 2.73 ng
 RT: 7.82 min Scan# 502
 Delta R.T. 0.06 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Tgt Ion: 122 Resp: 14914
 Ion Ratio Lower Upper
 122 100
 107 0.0 88.2 132.4#
 121 0.0 46.8 70.2#

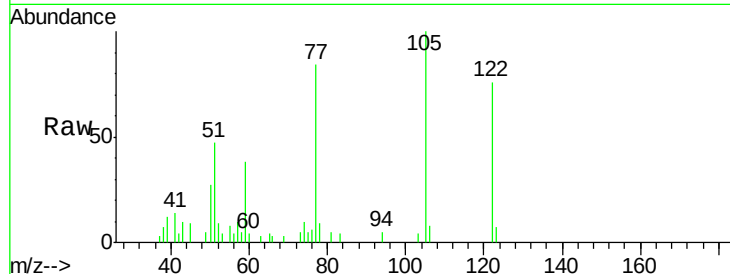




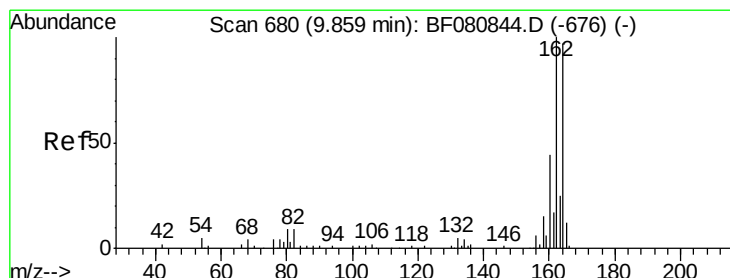
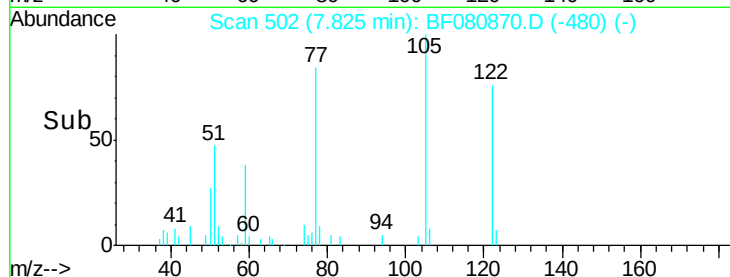
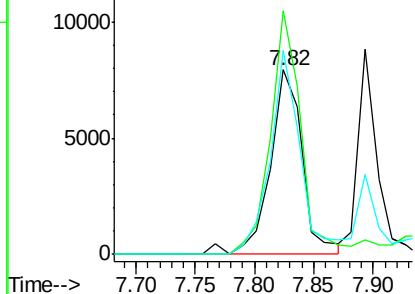
#32
Benzoic acid
Concen: 6.46 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:122 Resp: 14914
Ion Ratio Lower Upper
122 100
105 132.1 110.1 150.1
77 110.6 83.6 123.6

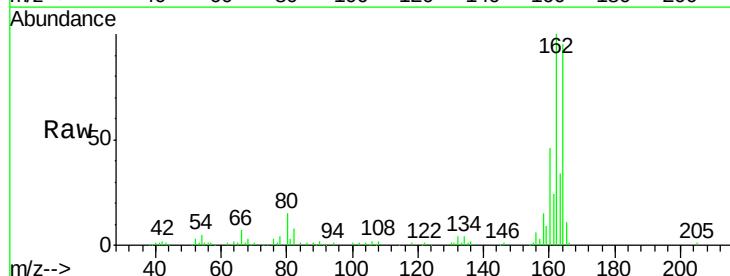


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

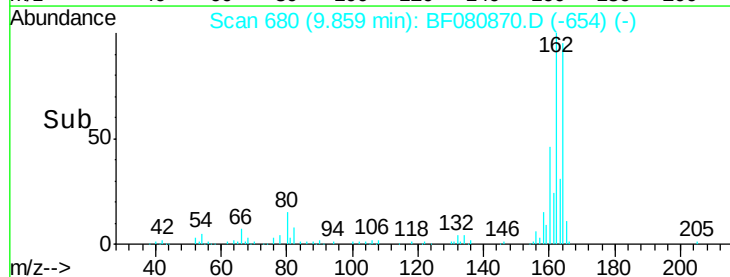
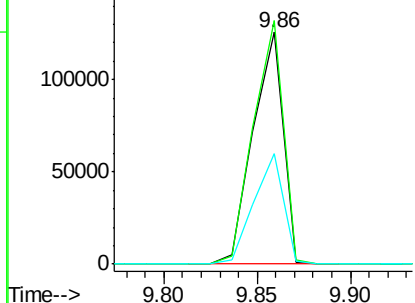


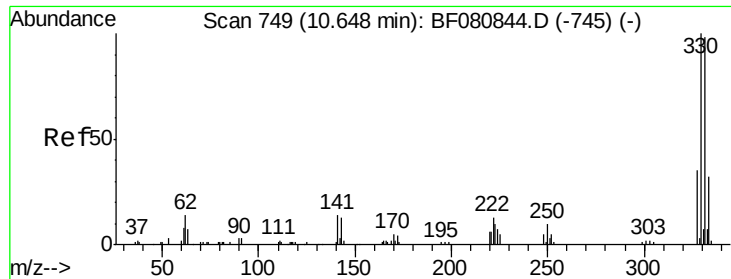
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

Tgt Ion:164 Resp: 139429
Ion Ratio Lower Upper
164 100
162 105.1 82.9 124.3
160 47.9 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

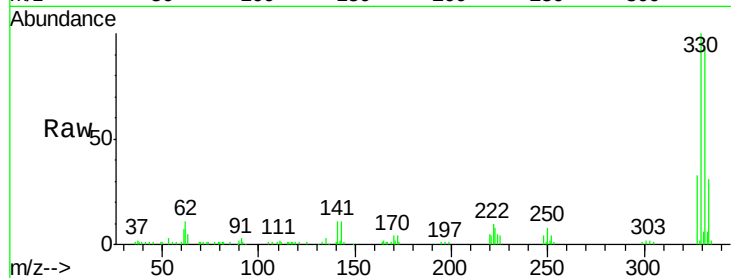




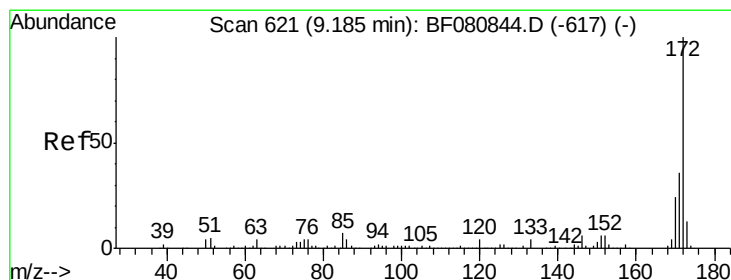
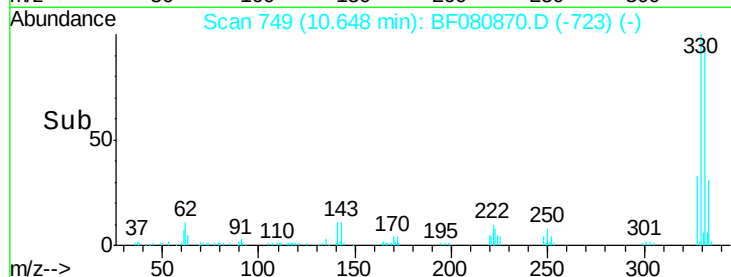
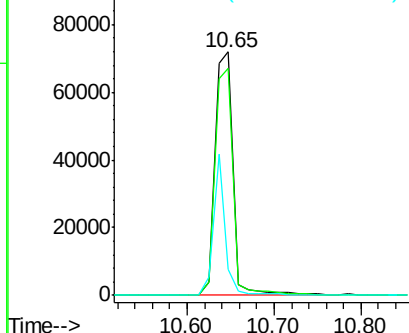
#41
 2,4,6-Tribromophenol
 Concen: 78.90 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Instrument :
 BNA_F
 ClientSampleID :
 MW-1

Tgt Ion: 330 Resp: 106082
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.8 116.8
 141 37.4 28.4 42.6

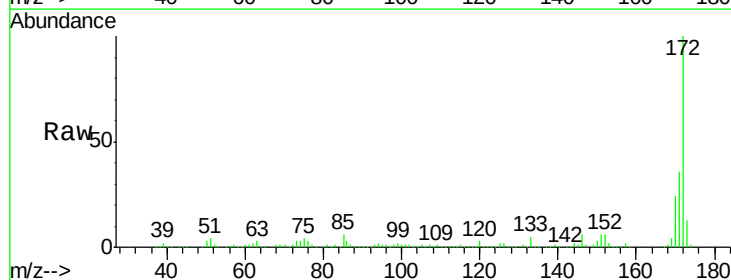


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

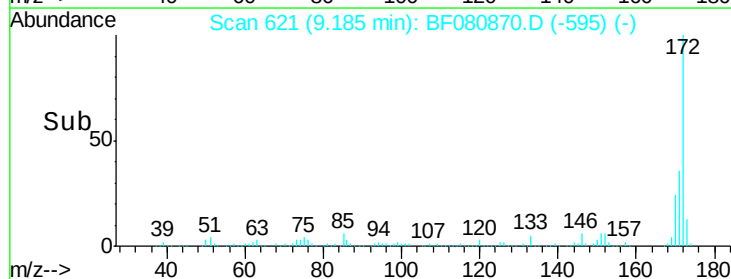
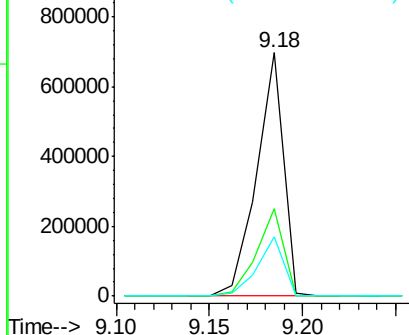


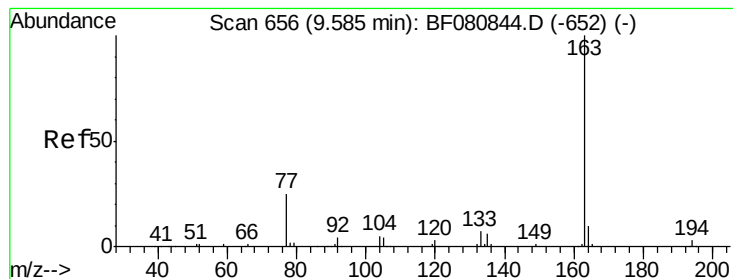
#44
 2-Fluorobiphenyl
 Concen: 66.80 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Tgt Ion: 172 Resp: 691725
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.4 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: 4.43 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

Instrument :

BNA_F

ClientSampleId :

MW-1

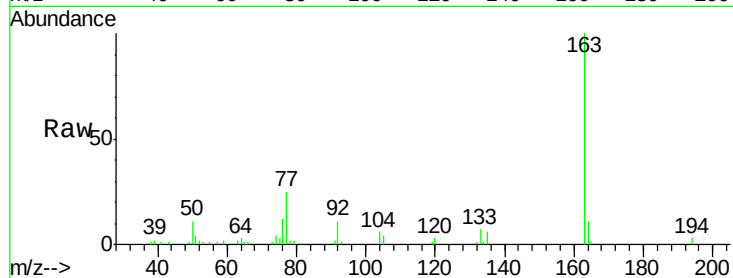
Tgt Ion:163 Resp: 45062

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

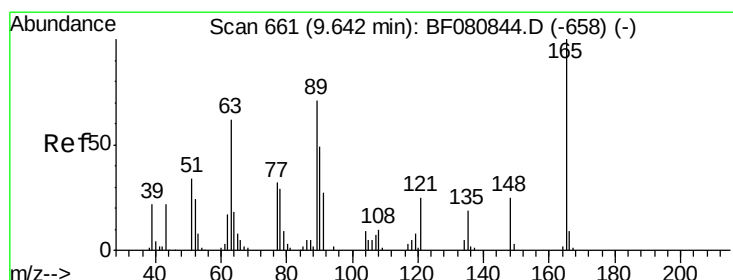
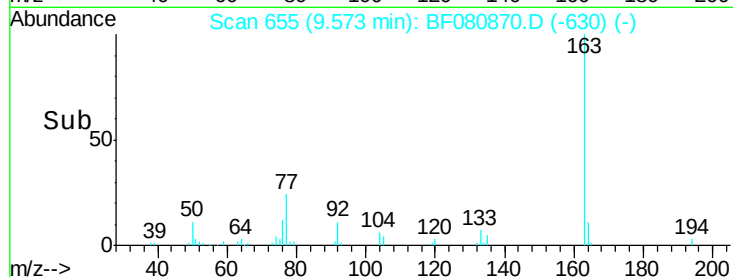
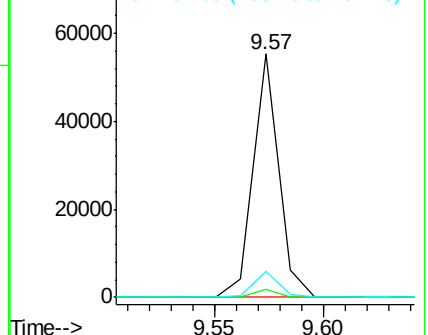
164 10.7 8.2 12.4



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: 8.35 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.22 min

Lab File: BF080870.D

Acq: 5 Aug 2015 8:37

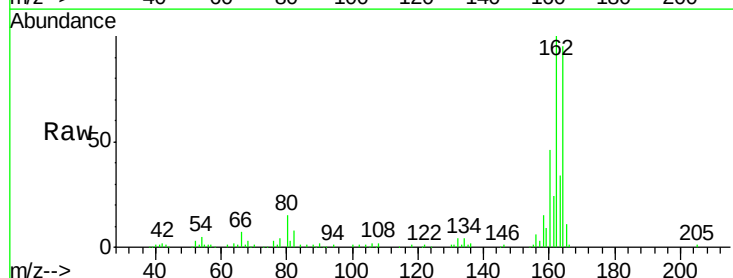
Tgt Ion:165 Resp: 17764

Ion Ratio Lower Upper

165 100

63 0.0 65.0 97.6#

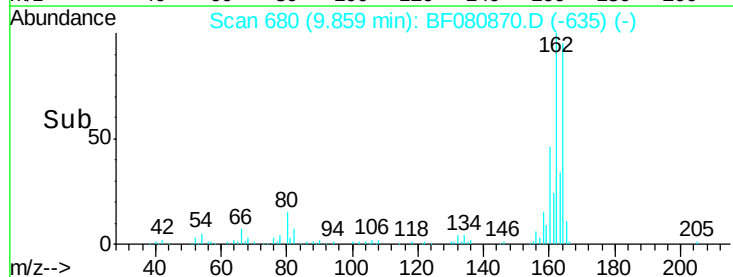
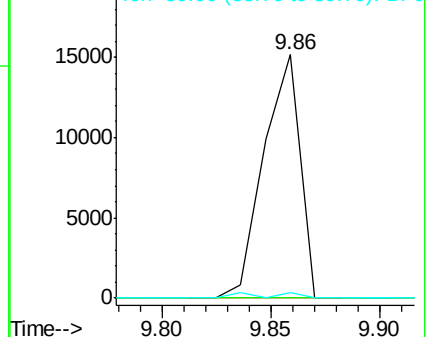
89 2.2 56.6 85.0#

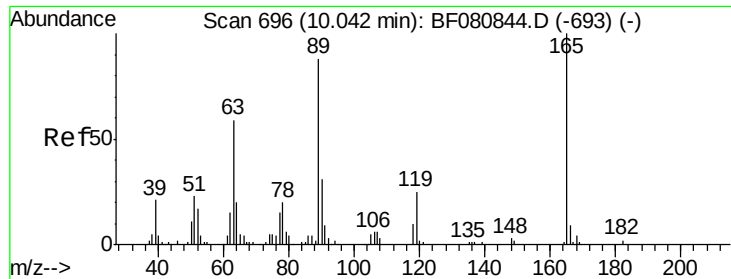


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

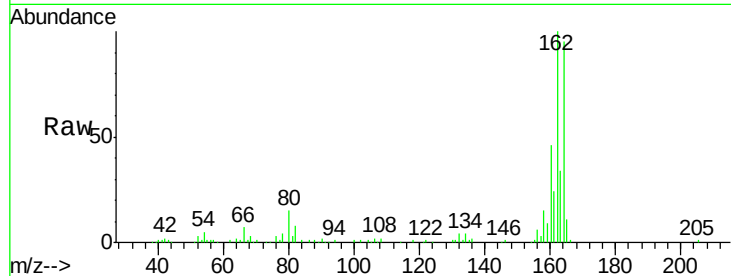




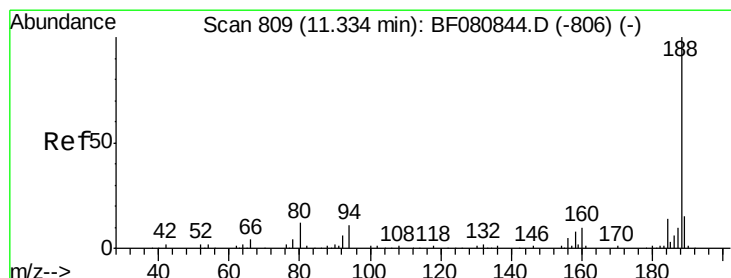
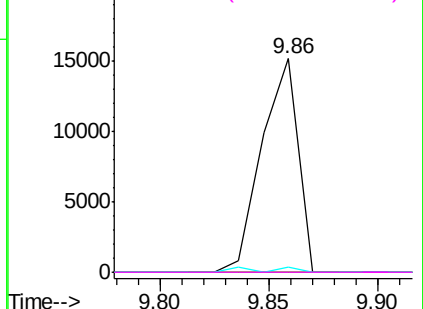
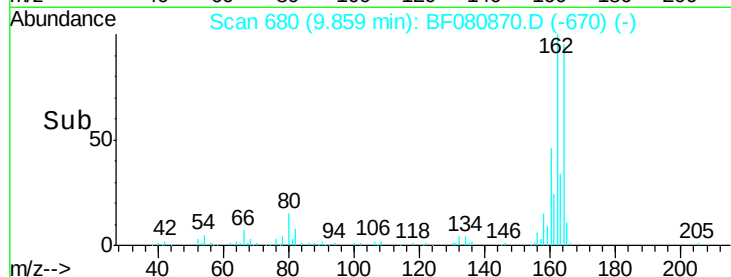
#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.18 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:165 Resp: 17764
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.2 70.8#
 89 2.2 70.2 105.2#
 182 0.0 1.5 2.3#

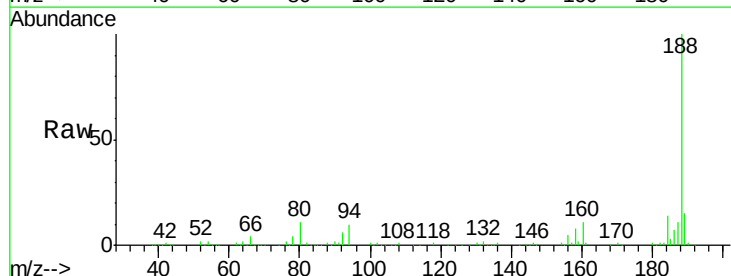


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

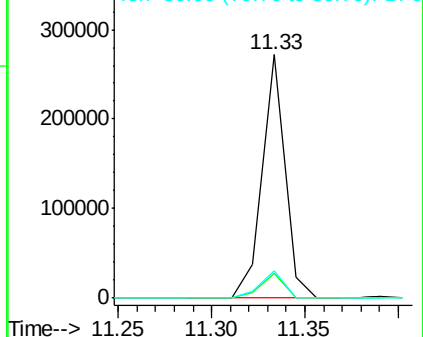
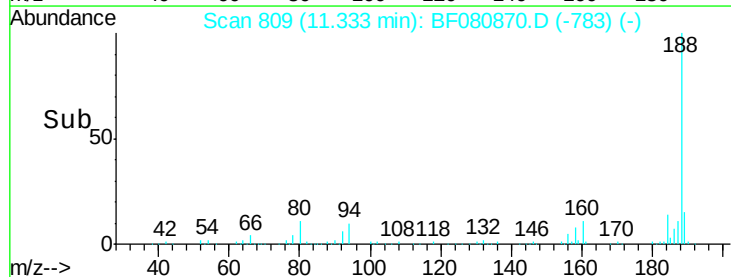


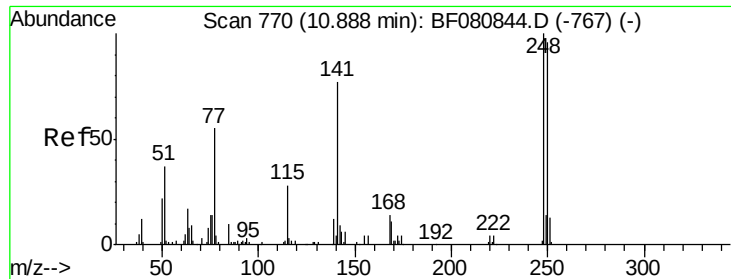
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Tgt Ion:188 Resp: 228883
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.6 12.8
 80 11.1 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

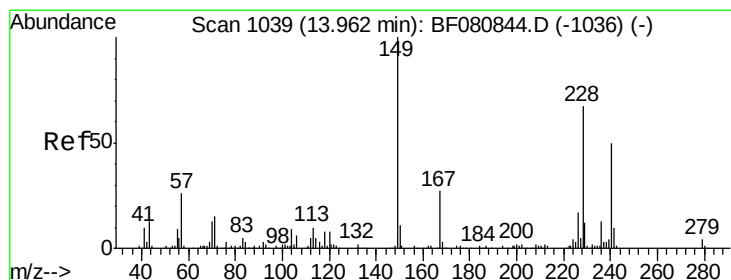
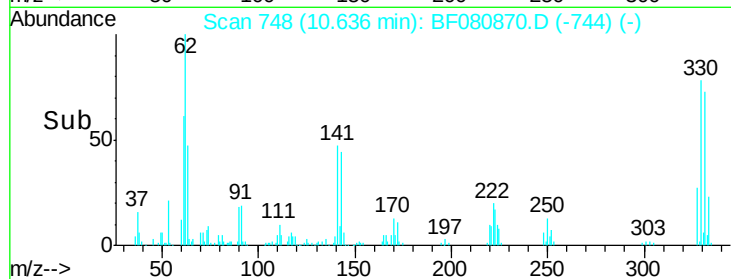
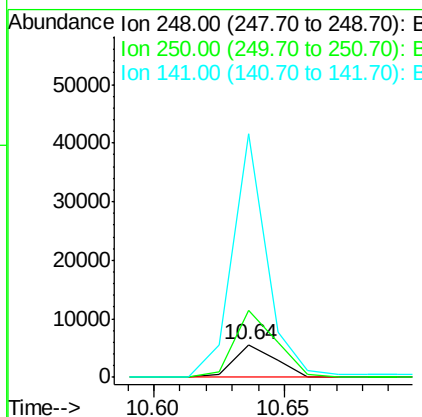
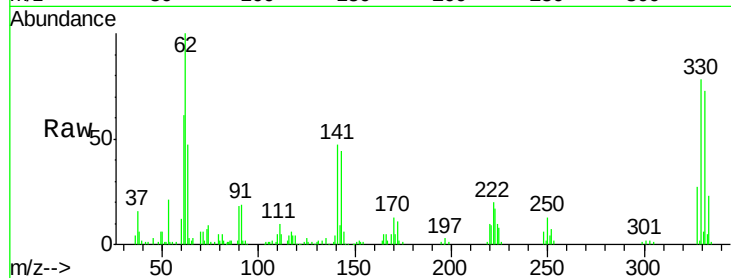




#66
4-Bromophenyl-phenylether
Concen: 2.45 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

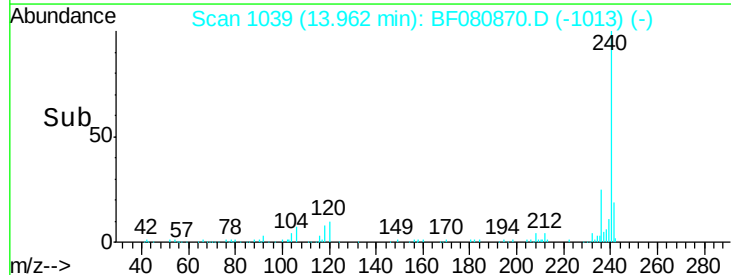
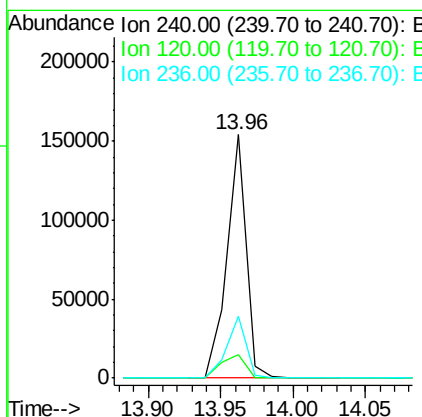
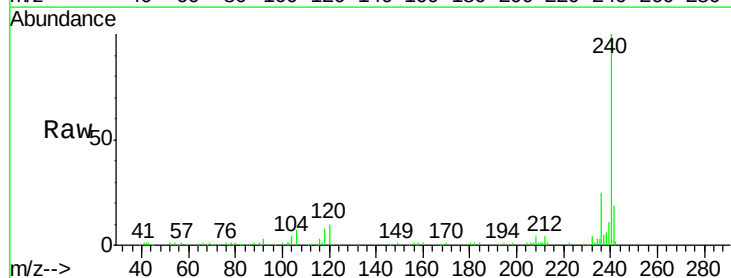
Instrument :
BNA_F
ClientSampleId :
MW-1

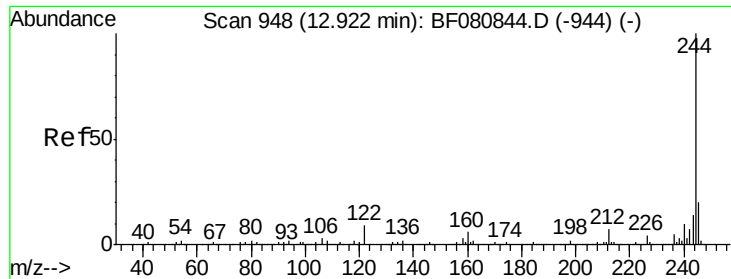
Tgt Ion:248 Resp: 6203
Ion Ratio Lower Upper
248 100
250 204.0 77.2 115.8#
141 741.1 61.4 92.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF080870.D
Acq: 5 Aug 2015 8:37

Tgt Ion:240 Resp: 141400
Ion Ratio Lower Upper
240 100
120 9.6 13.0 19.6#
236 25.4 20.7 31.1

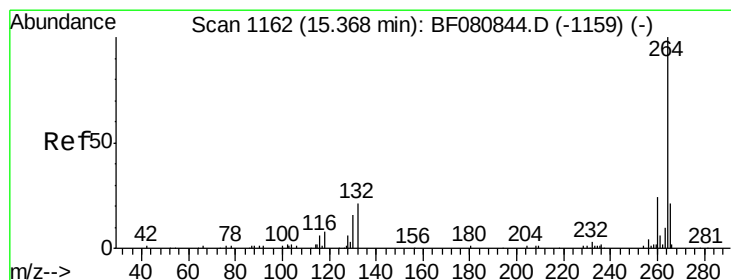
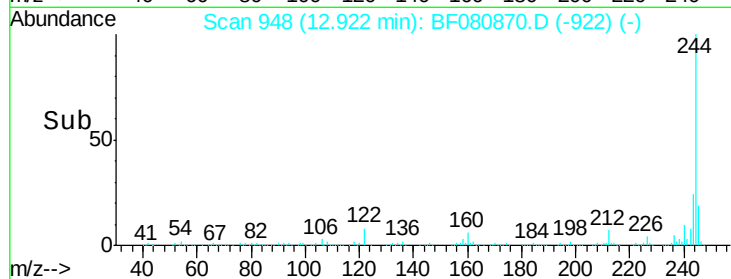
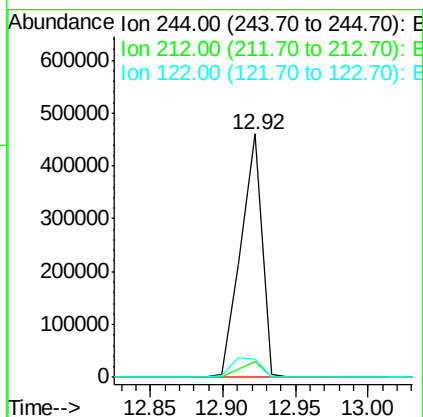
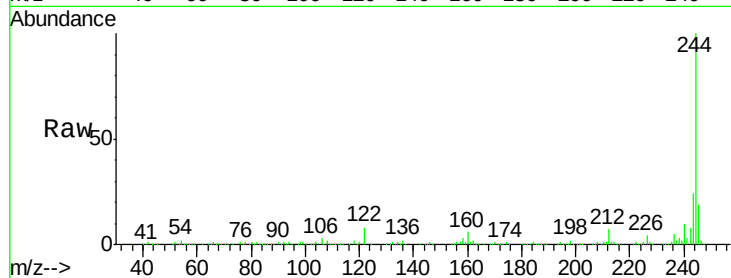




#78
 Terphenyl-d14
 Concen: 60.35 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080870.D
 Acq: 5 Aug 2015 8:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	7.7	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: BF080870.D
 Acq: 5 Aug 2015 8:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	20.7	16.8	25.2

