

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080430.D
 Acq On : 13 Jul 2015 17:07
 Operator : TP/UM
 Sample : G2945-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-RMW-2-26D

Quant Time: Jul 14 00:59:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

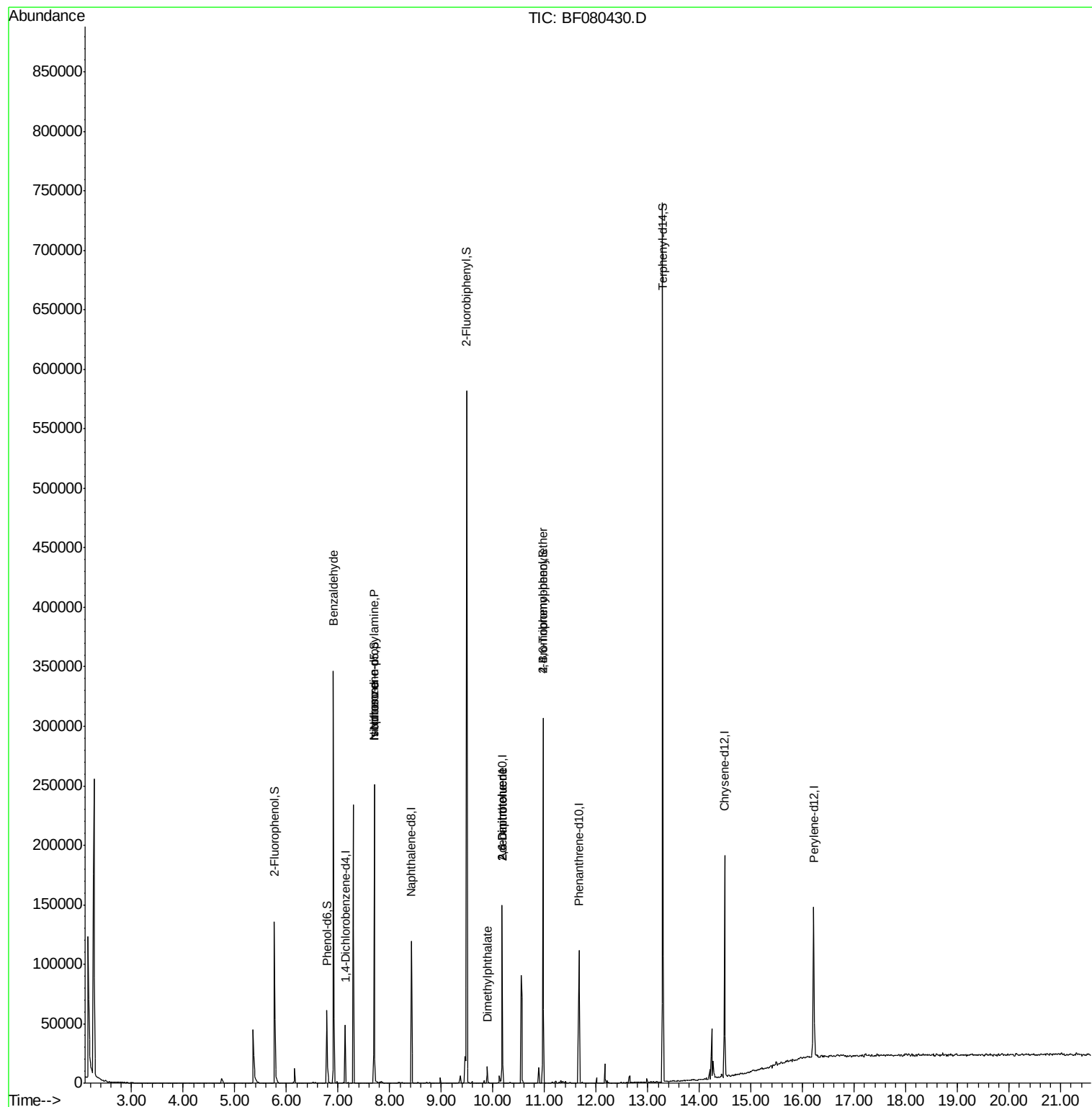
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	11757	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	50406	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	26672	20.00	ng	0.00
63) Phenanthrene-d10	11.67	188	54268	20.00	ng	-0.02
75) Chrysene-d12	14.49	240	70668	20.00	ng	-0.23
86) Perylene-d12	16.21	264	75550	20.00	ng	-0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	42397	61.80	ng	0.00
7) Phenol-d6	6.78	99	31191	34.12	ng	0.01
23) Nitrobenzene-d5	7.70	82	71452	80.85	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	28087	107.90	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	167152	84.41	ng	0.00
78) Terphenyl-d14	13.29	244	221879	68.19	ng	-0.11
Target Compounds						Qvalue
9) Benzaldehyde	6.91	77	1818	3.60	ng	92
19) n-Nitroso-di-n-propylamine	7.70	70	9294	14.86	ng	# 80
25) Isophorone	7.70	82	71449	45.11	ng	# 73
49) Dimethylphthalate	9.89	163	8366	4.15	ng	99
50) 2,6-Dinitrotoluene	10.18	165	3624	8.01	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	3625	6.85	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	2404	4.16	ng	# 1

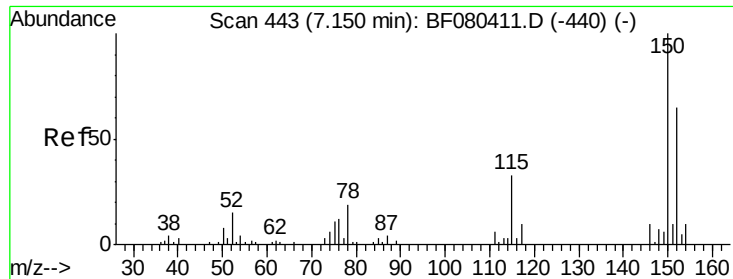
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 00:59:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration



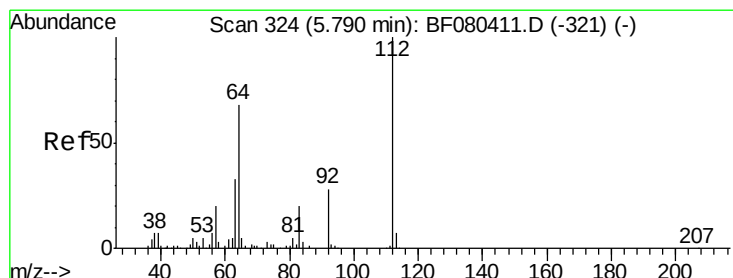
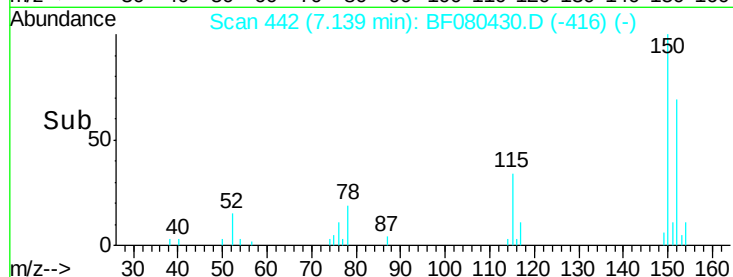
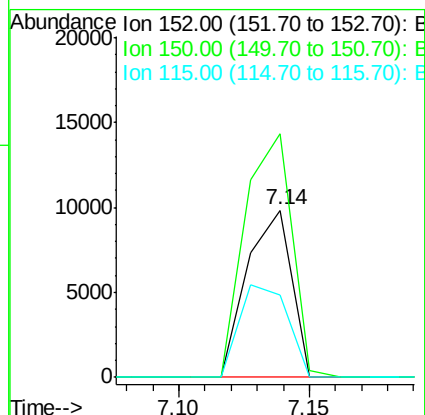
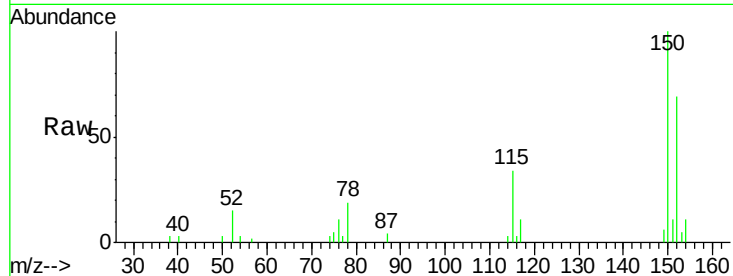


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Instrument :
BNA_F
ClientSampleId :
TE-RMW-2-26D

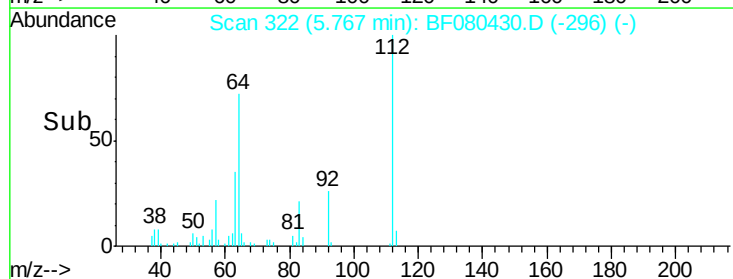
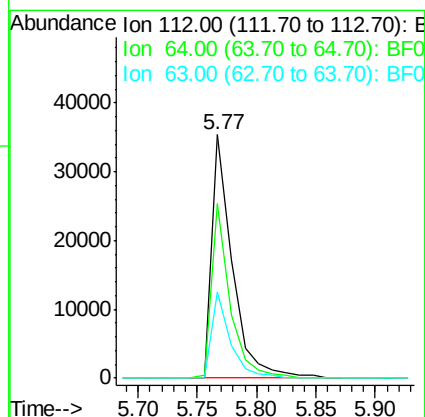
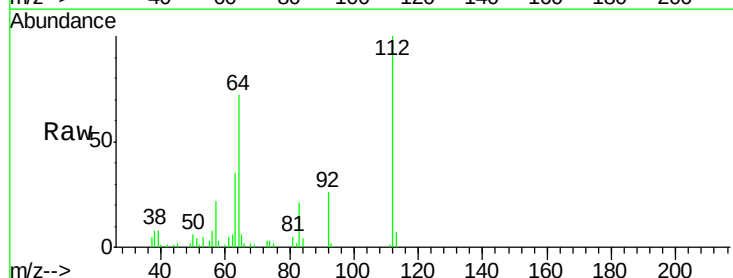
Tgt Ion:152 Resp: 11757
Ion Ratio Lower Upper
152 100
150 145.9 122.3 183.5
115 49.5 41.0 61.4

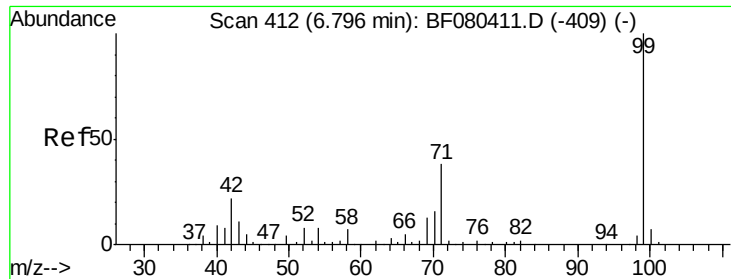


#5

2-Fluorophenol
Concen: 61.80 ng
RT: 5.77 min Scan# 322
Delta R.T. 0.00 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Tgt Ion:112 Resp: 42397
Ion Ratio Lower Upper
112 100
64 71.5 54.3 81.5
63 35.2 26.7 40.1





#7

Phenol-d6

Concen: 34.12 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080430.D

Acq: 13 Jul 2015 17:07

Instrument :

BNA_F

ClientSampleId :

TE-RMW-2-26D

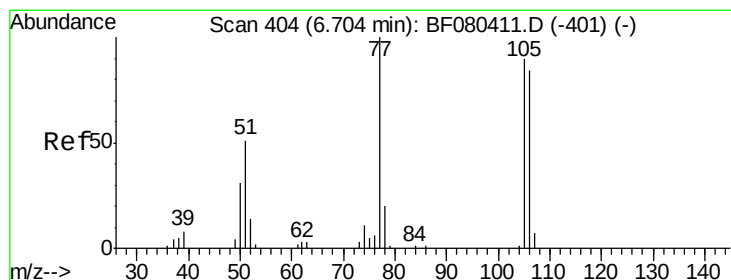
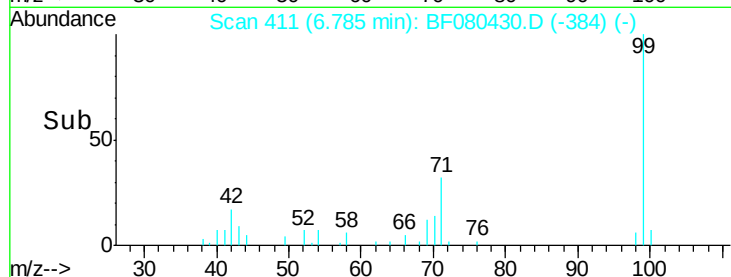
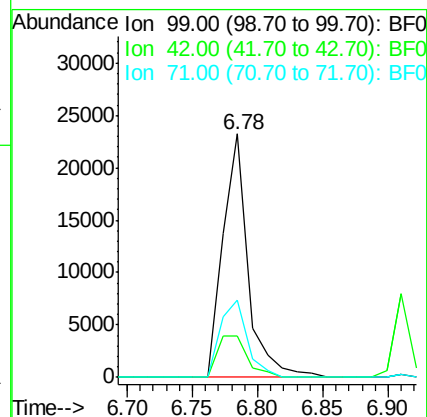
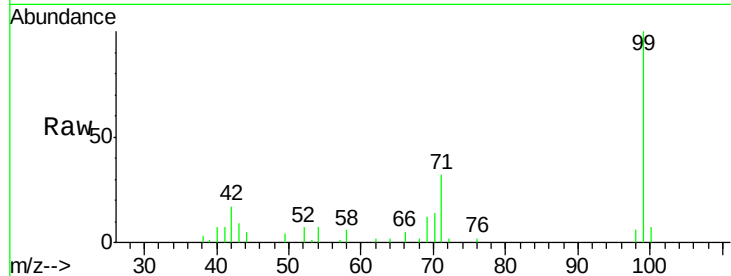
Tgt Ion: 99 Resp: 31191

Ion Ratio Lower Upper

99 100

42 16.8 17.9 26.9#

71 31.7 30.1 45.1



#9

Benzaldehyde

Concen: 3.60 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080430.D

Acq: 13 Jul 2015 17:07

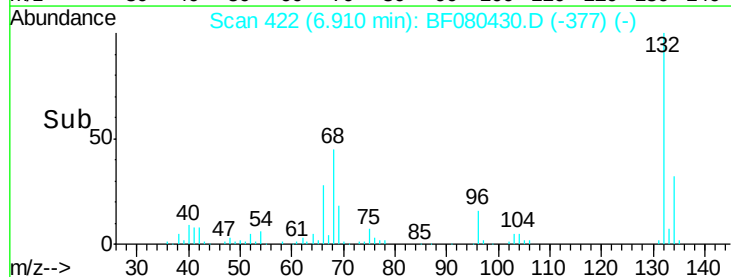
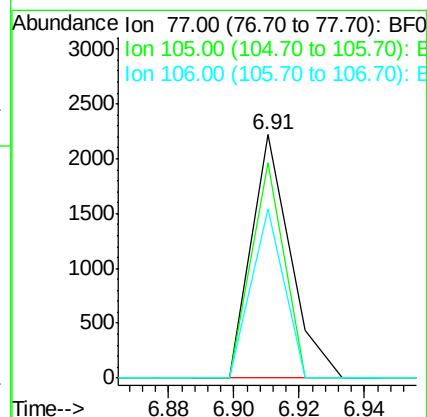
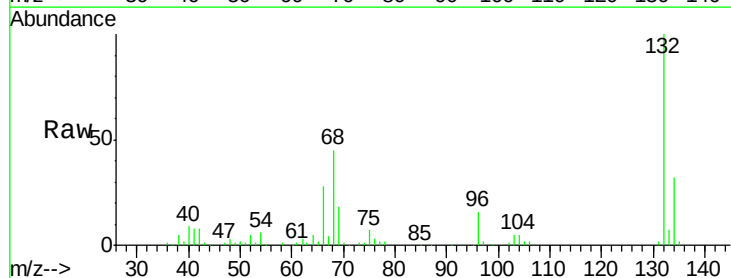
Tgt Ion: 77 Resp: 1818

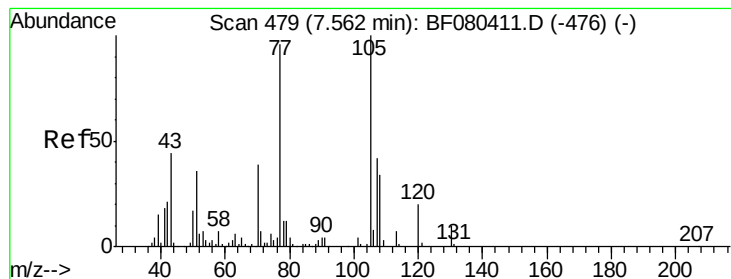
Ion Ratio Lower Upper

77 100

105 88.3 69.6 109.6

106 69.5 63.6 103.6





#19

n-Nitroso-di-n-propylamine

Concen: 14.86 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.16 min

Lab File: BF080430.D

Acq: 13 Jul 2015 17:07

Instrument :

BNA_F

ClientSampleId :

TE-RMW-2-26D

Tgt Ion: 70 Resp: 9294

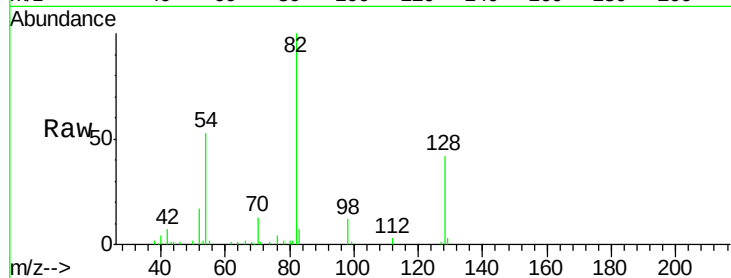
Ion Ratio Lower Upper

70 100

42 50.7 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#



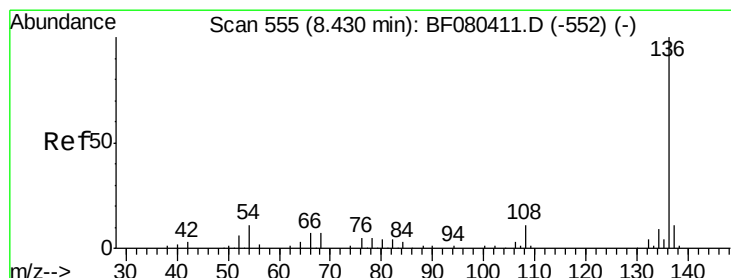
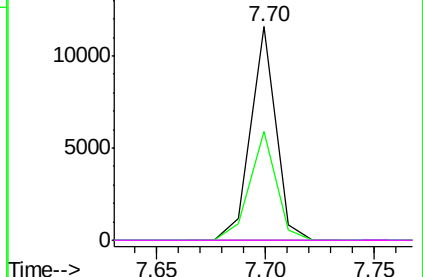
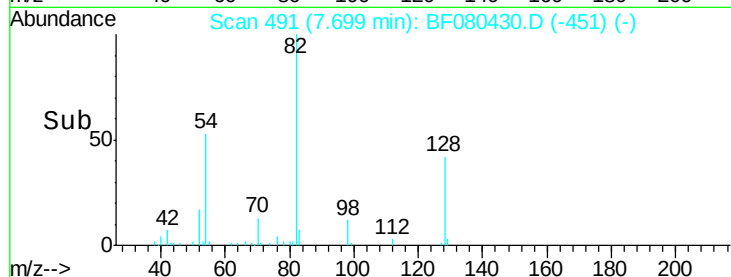
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF080430.D

Acq: 13 Jul 2015 17:07

Tgt Ion: 136 Resp: 50406

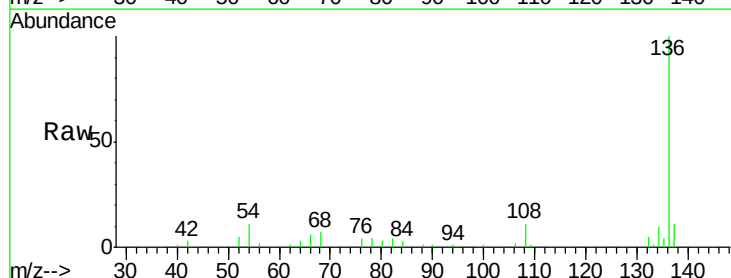
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 10.6 9.1 13.7

68 7.0 5.9 8.9



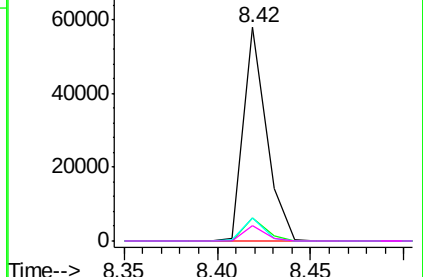
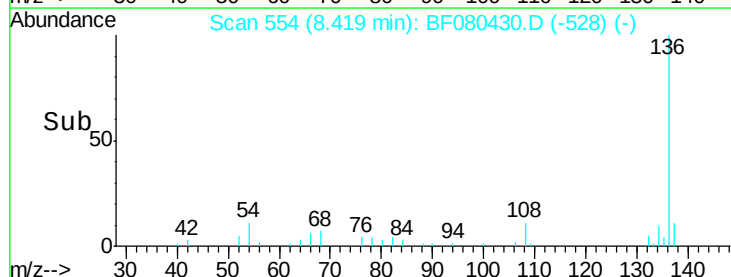
Abundance Ion 136.00 (135.70 to 136.70): BF0

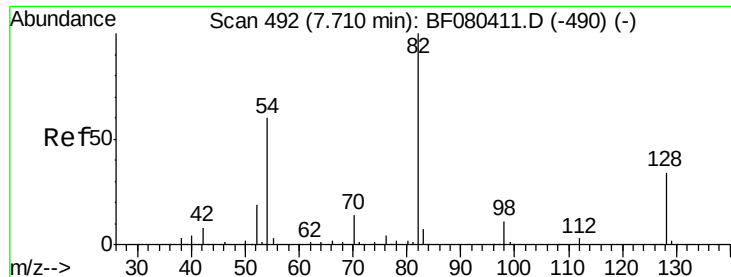
Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->

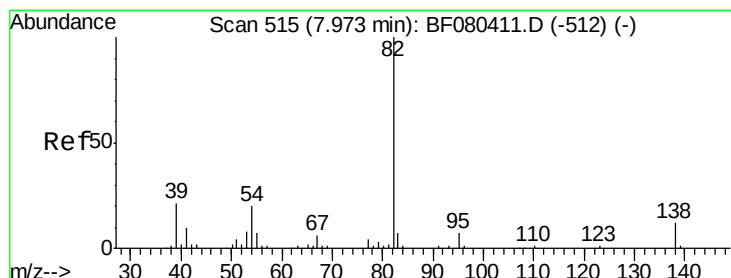
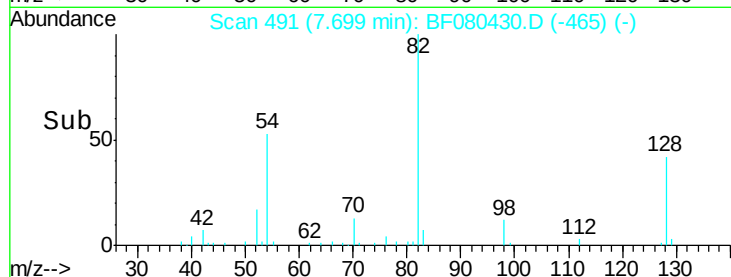
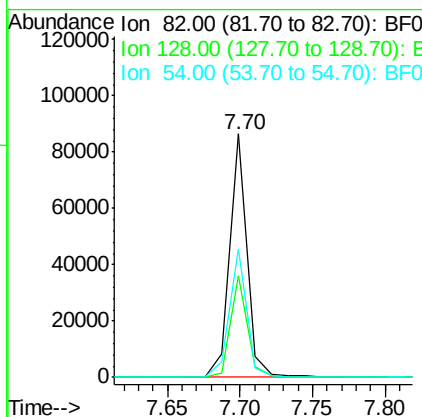
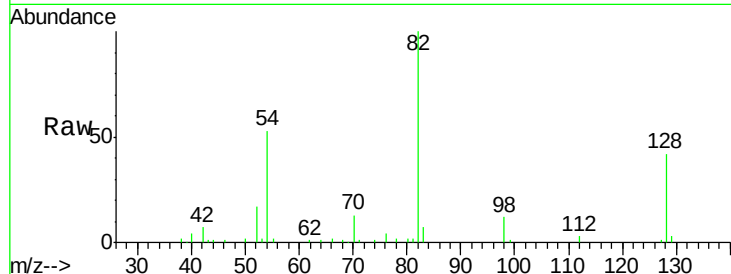




#23
Nitrobenzene-d5
Concen: 80.85 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

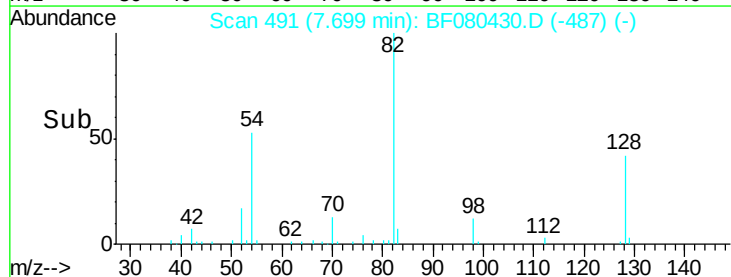
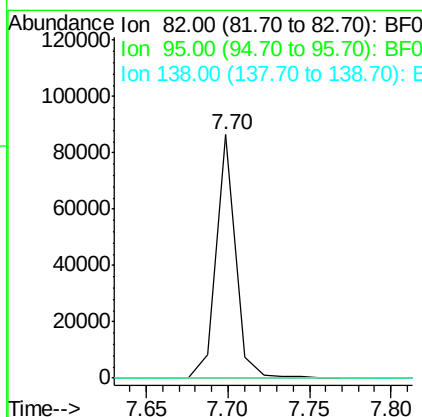
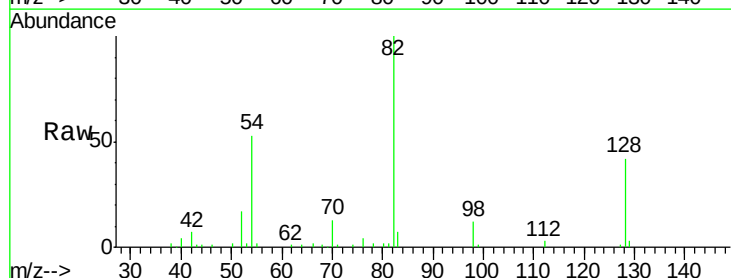
Instrument :
BNA_F
ClientSampleId :
TE-RMW-2-26D

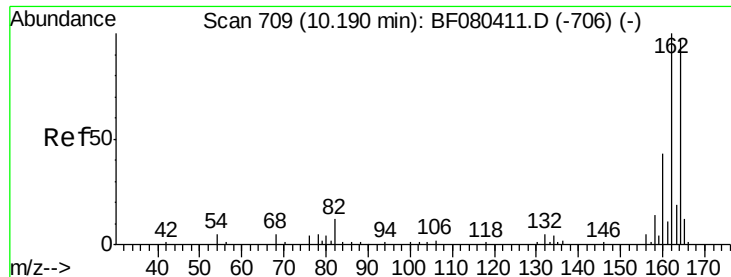
Tgt Ion: 82 Resp: 71452
Ion Ratio Lower Upper
82 100
128 41.5 26.9 40.3#
54 52.8 47.7 71.5



#25
Isophorone
Concen: 45.11 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.25 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Tgt Ion: 82 Resp: 71449
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 9.5 14.3#

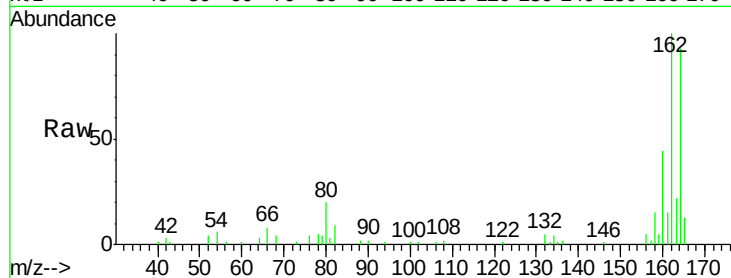




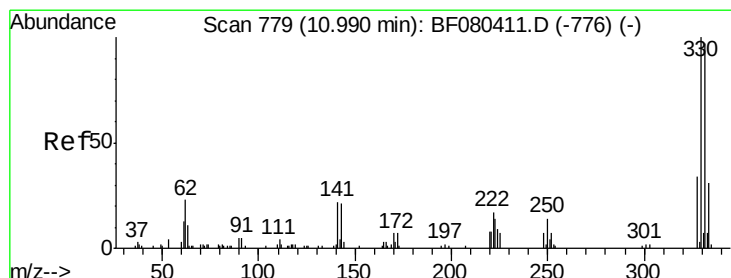
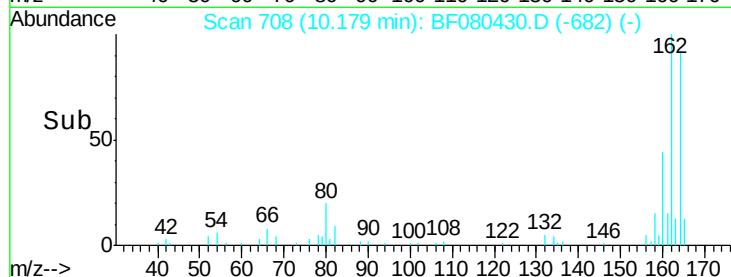
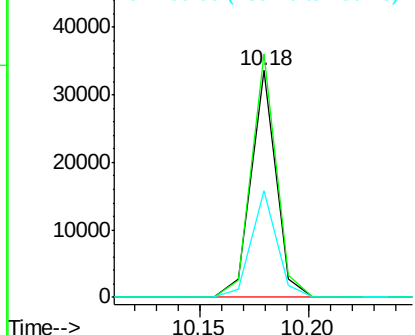
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF080430.D
 Acq: 13 Jul 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 TE-RMW-2-26D

Tgt Ion:164 Resp: 26672
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.7 124.1
 160 46.9 35.5 53.3

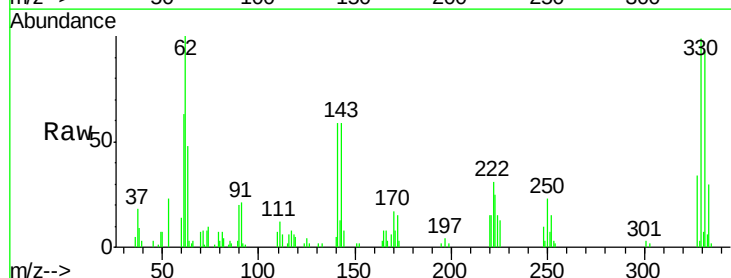


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

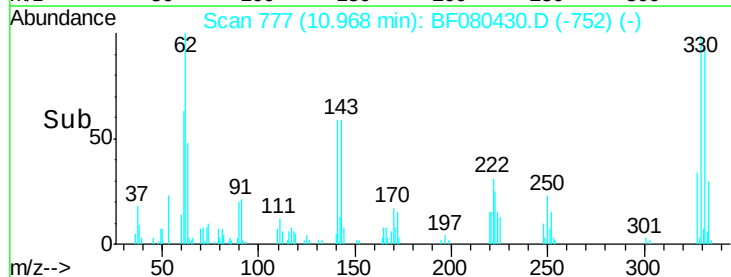
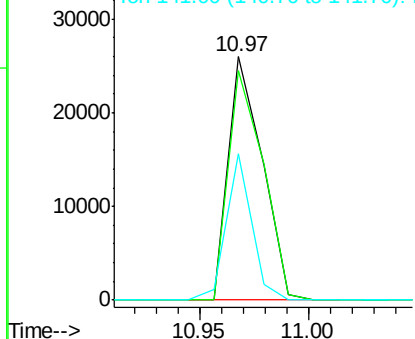


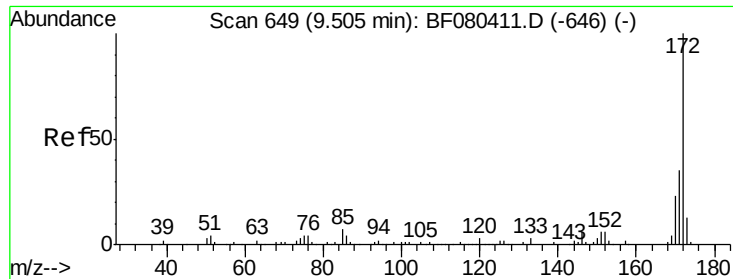
#41
 2,4,6-Tribromophenol
 Concen: 107.90 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080430.D
 Acq: 13 Jul 2015 17:07

Tgt Ion:330 Resp: 28087
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.0 117.0
 141 45.0 28.6 43.0#



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

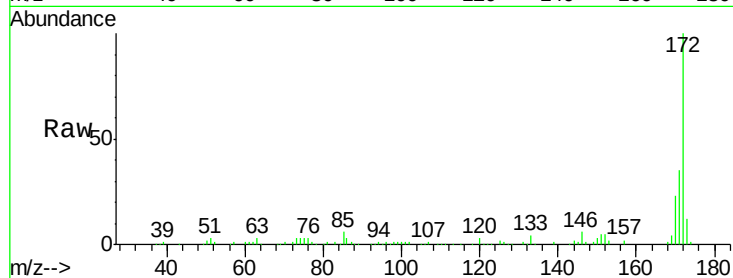




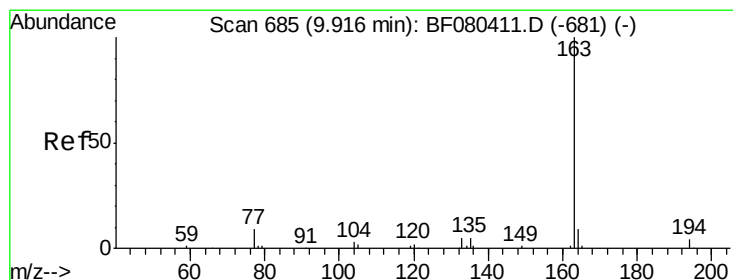
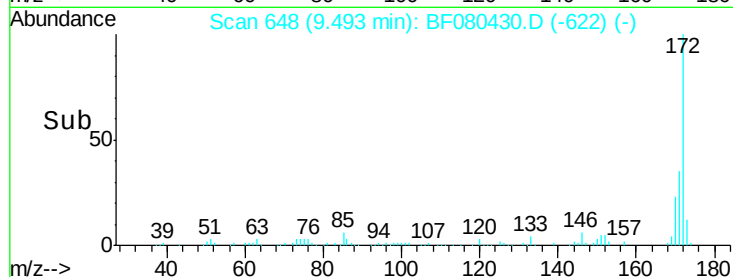
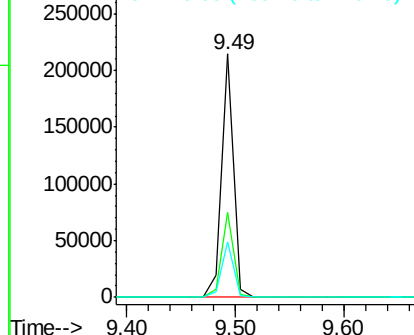
#44
2-Fluorobiphenyl
Concen: 84.41 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Instrument :
BNA_F
ClientSampleId :
TE-RMW-2-26D

Tgt Ion:172 Resp: 167152
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 22.9 18.6 28.0

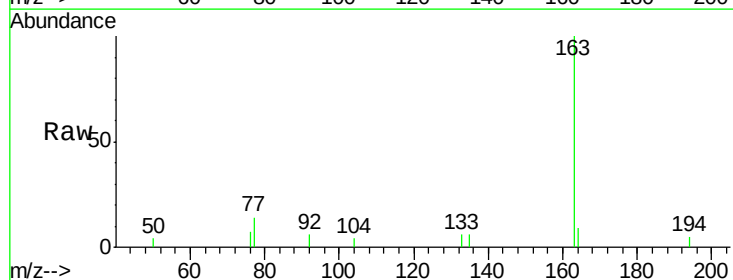


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

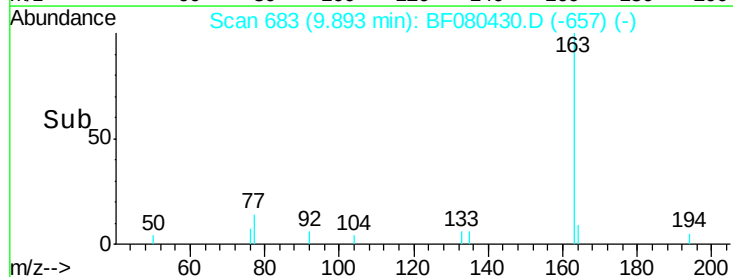
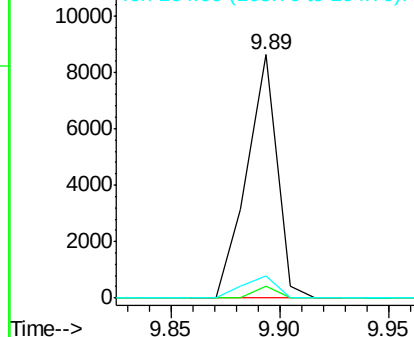


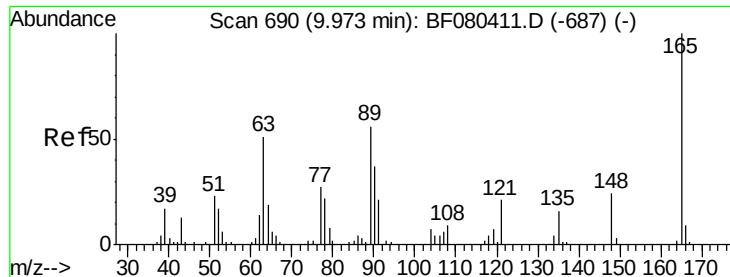
#49
Dimethylphthalate
Concen: 4.15 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Tgt Ion:163 Resp: 8366
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 8.9 7.4 11.0



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

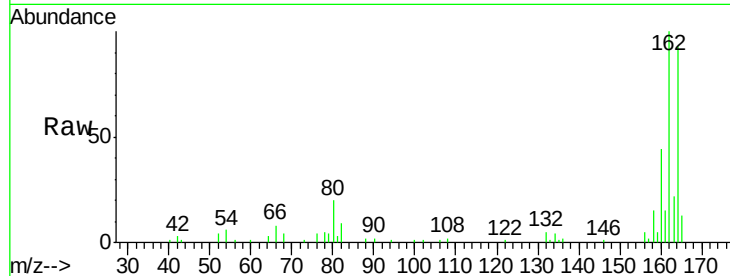




#50
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.22 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Instrument :
BNA_F
ClientSampleId :
TE-RMW-2-26D

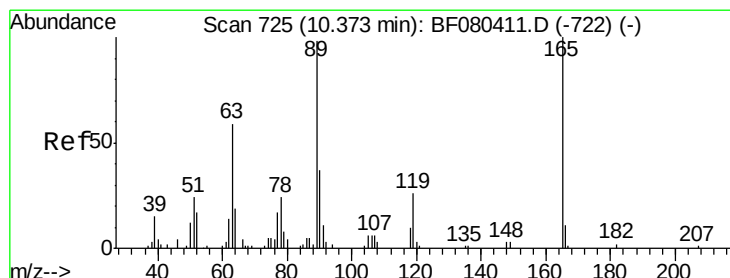
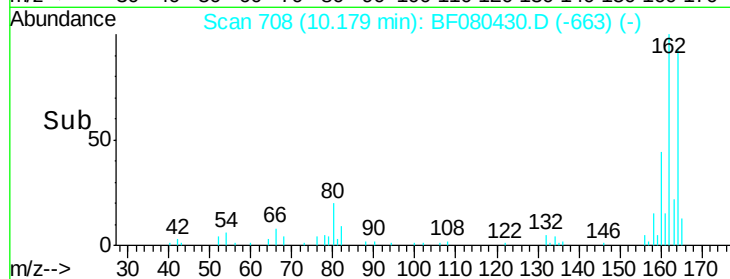
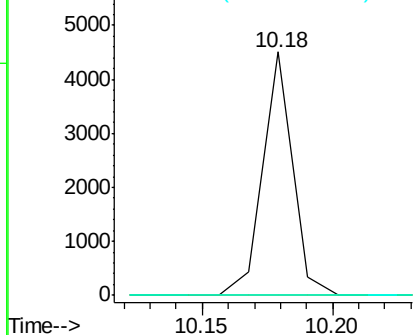
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.5	66.7#
89	0.0	44.5	66.7#



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



#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.18 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

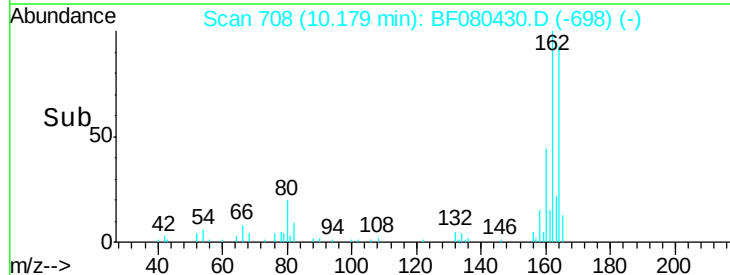
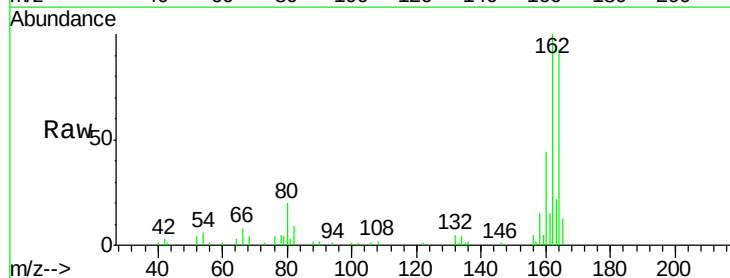
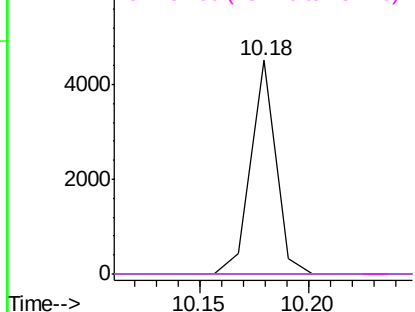
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.7	77.5#
89	0.0	78.6	117.8#
182	0.0	1.8	2.8#

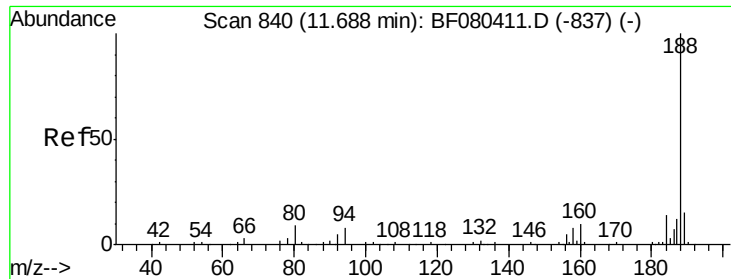
Abundance Ion 165.00 (164.70 to 165.70): E

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

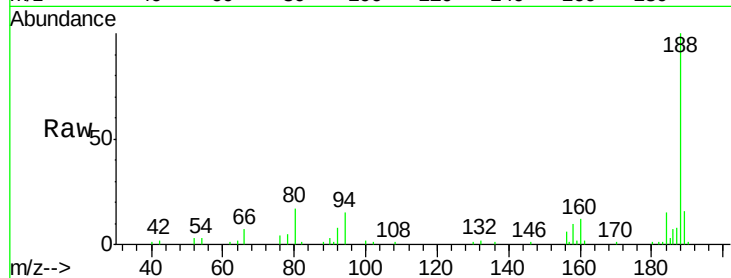




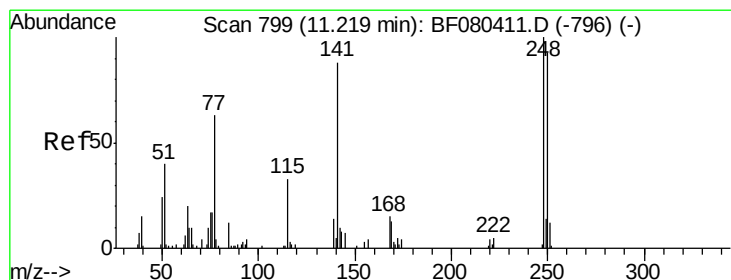
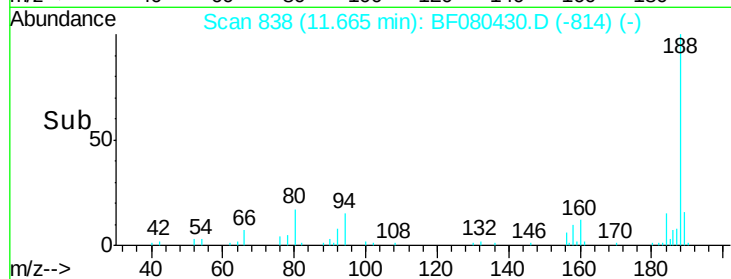
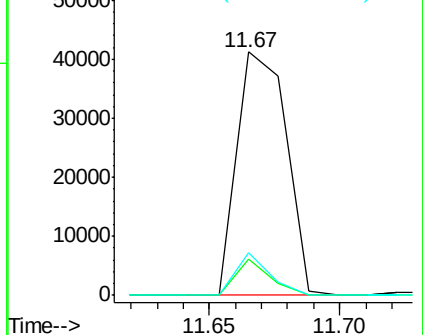
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.67 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Instrument :
BNA_F
ClientSampleId :
TE-RMW-2-26D

Tgt Ion:188 Resp: 54268
Ion Ratio Lower Upper
188 100
94 14.9 6.7 10.1#
80 17.4 7.5 11.3#

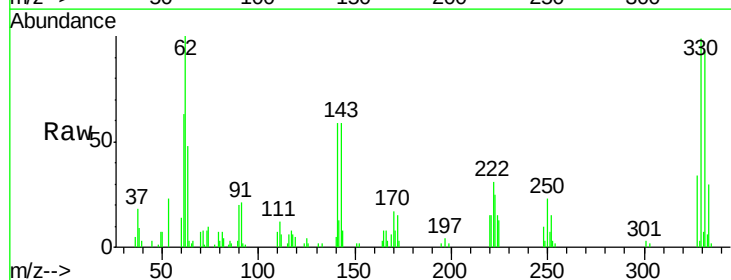


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

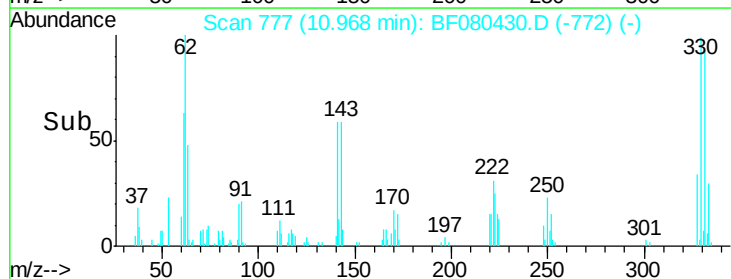
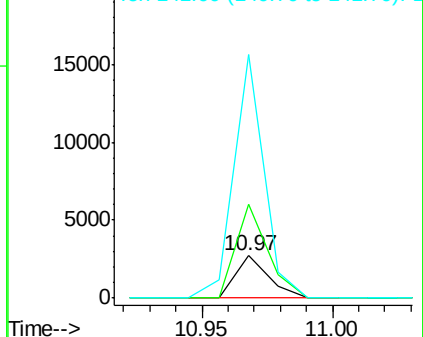


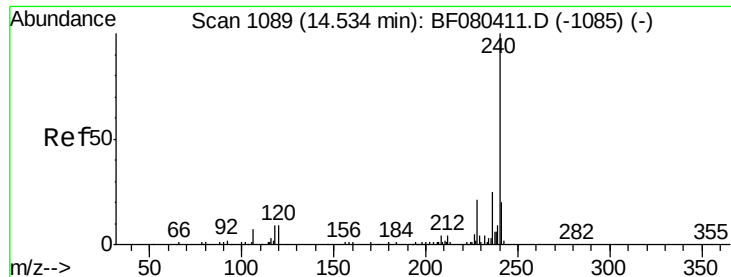
#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.24 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Tgt Ion:248 Resp: 2404
Ion Ratio Lower Upper
248 100
250 221.2 74.2 111.4#
141 572.9 70.7 106.1#



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: 14.49 min Scan# 1085

Delta R.T. -0.23 min

Lab File: BF080430.D

Acq: 13 Jul 2015 17:07

Instrument :

BNA_F

ClientSampleId :

TE-RMW-2-26D

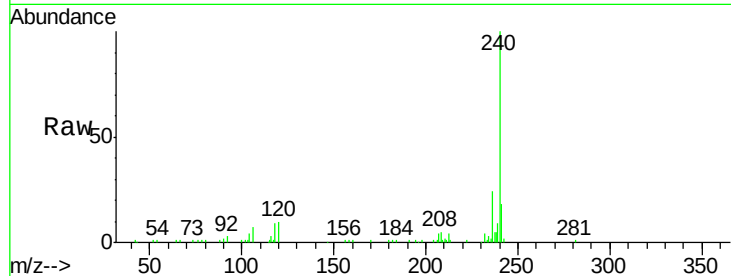
Tgt Ion:240 Resp: 70668

Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

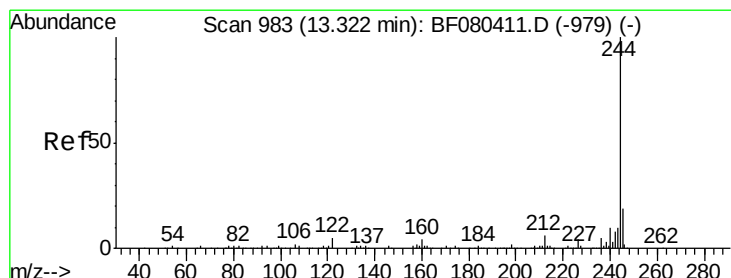
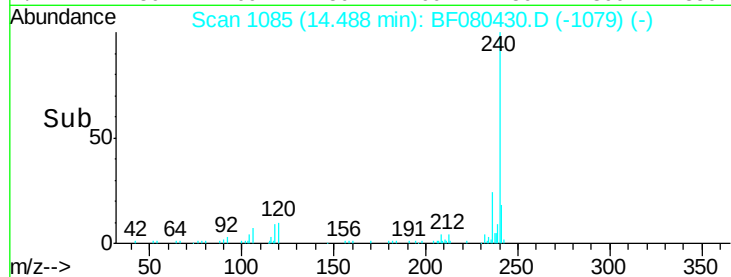
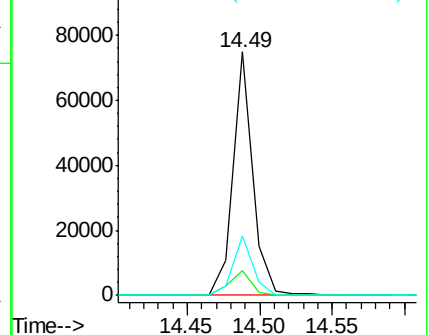
236 24.1 19.7 29.5



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: 68.19 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.11 min

Lab File: BF080430.D

Acq: 13 Jul 2015 17:07

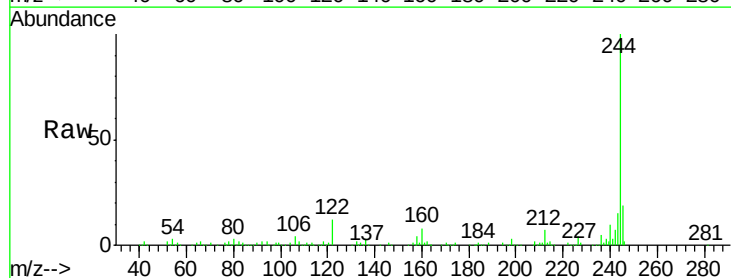
Tgt Ion:244 Resp: 221879

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

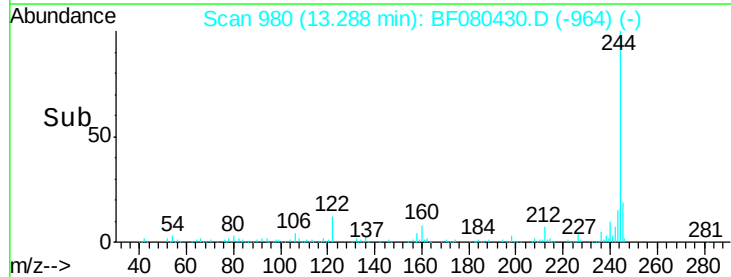
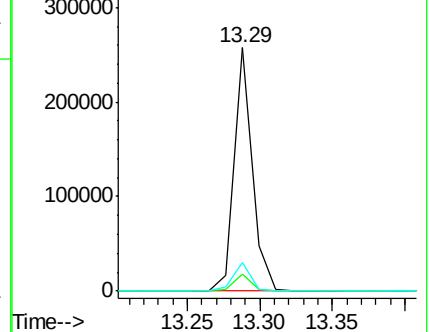
122 11.9 4.1 6.1#

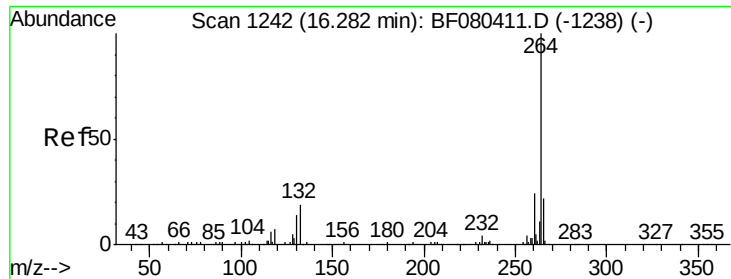


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.21 min Scan# 1236
Delta R.T. -0.38 min
Lab File: BF080430.D
Acq: 13 Jul 2015 17:07

Instrument :
BNA_F
ClientSampleId :
TE-RMW-2-26D

Tgt Ion: 264 Resp: 75550
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 23.0 17.8 26.8

