

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080438.D
 Acq On : 13 Jul 2015 21:02
 Operator : TP/UM
 Sample : G2945-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-23D

Quant Time: Jul 14 01:01:06 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

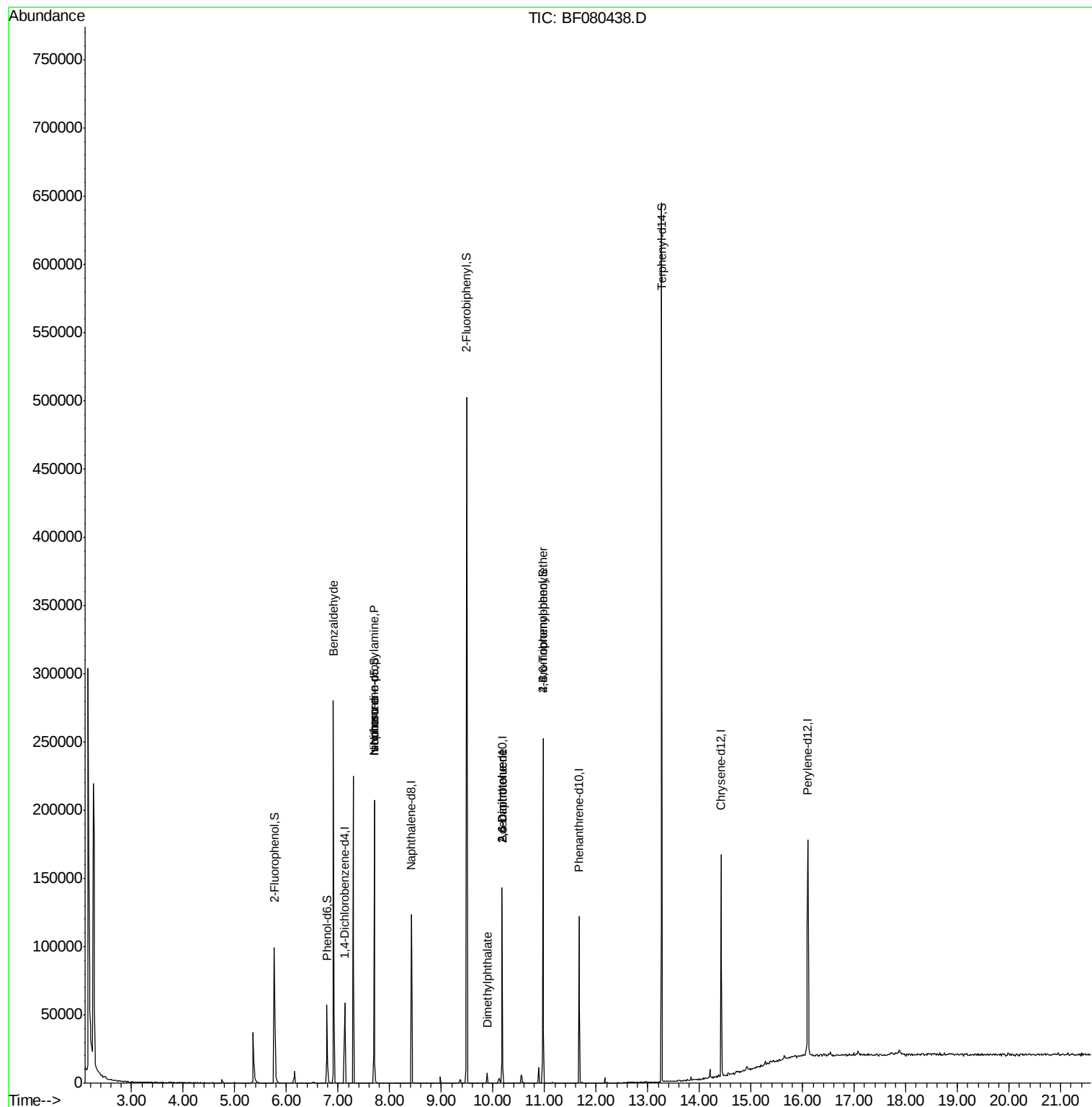
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	12299	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	51425	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	26486	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	52405	20.00	ng	-0.02
75) Chrysene-d12	14.42	240	68218	20.00	ng	-0.30
86) Perylene-d12	16.10	264	80506	20.00	ng	-0.49
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	33203	46.26	ng	0.00
7) Phenol-d6	6.78	99	24287	25.40	ng	0.01
23) Nitrobenzene-d5	7.70	82	58965	65.40	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	22883	88.52	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	142675	72.55	ng	0.00
78) Terphenyl-d14	13.27	244	197002	62.72	ng	-0.14
Target Compounds						
9) Benzaldehyde	6.91	77	1563	2.95	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.70	70	7655	11.70	ng	# 82
25) Isophorone	7.70	82	58962	36.49	ng	# 73
49) Dimethylphthalate	9.89	163	6172	3.08	ng	# 91
50) 2,6-Dinitrotoluene	10.18	165	3296	7.33	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	3296	6.27	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	1957	3.50	ng	# 1

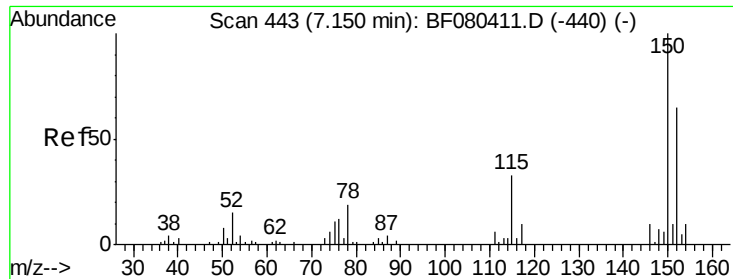
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 01:01:06 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: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF080438.D

Acq: 13 Jul 2015 21:02

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-23D

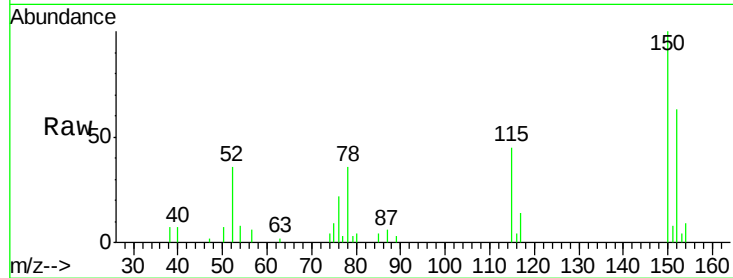
Tgt Ion:152 Resp: 12299

Ion Ratio Lower Upper

152 100

150 158.9 122.3 183.5

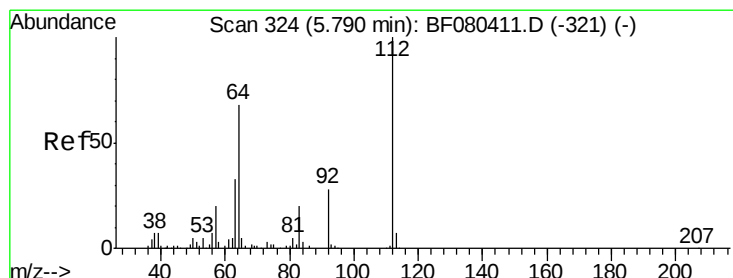
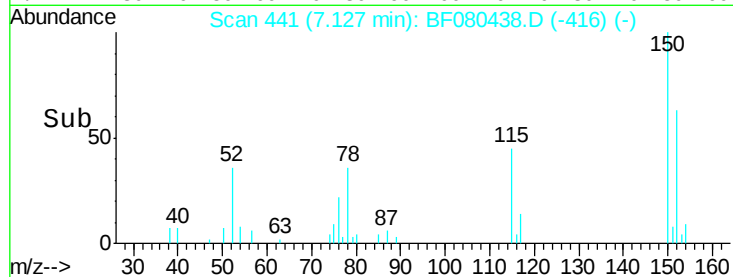
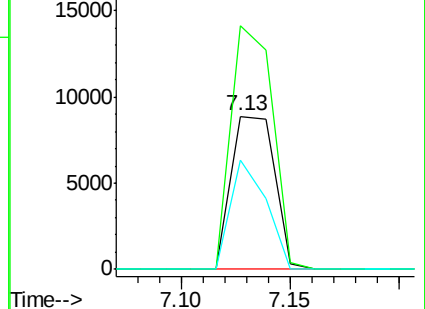
115 71.0 41.0 61.4#



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: 46.26 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080438.D

Acq: 13 Jul 2015 21:02

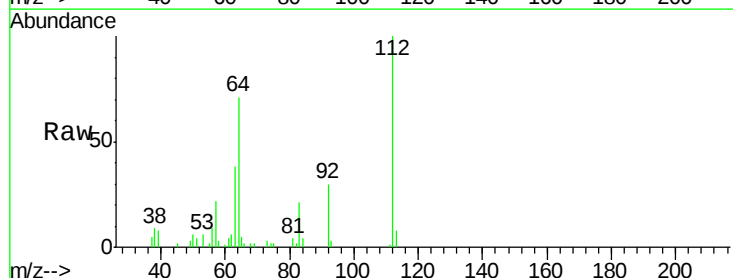
Tgt Ion:112 Resp: 33203

Ion Ratio Lower Upper

112 100

64 70.6 54.3 81.5

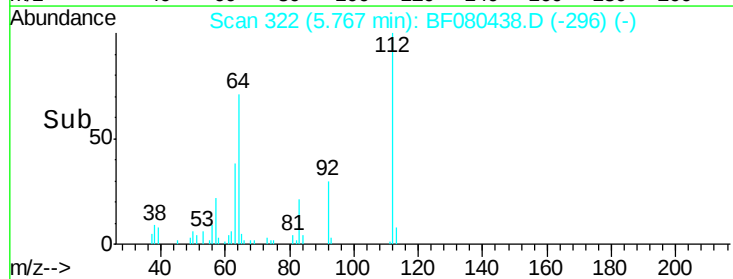
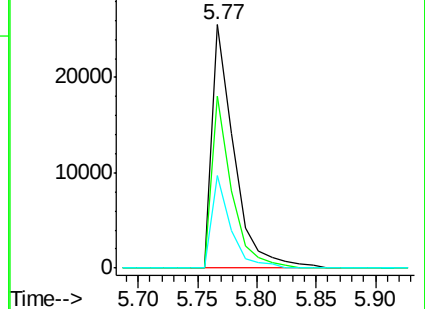
63 37.9 26.7 40.1

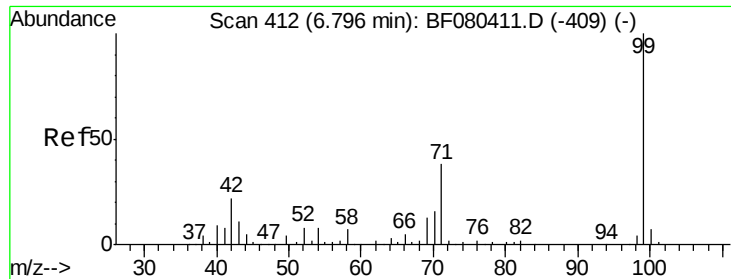


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.40 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080438.D

Acq: 13 Jul 2015 21:02

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-23D

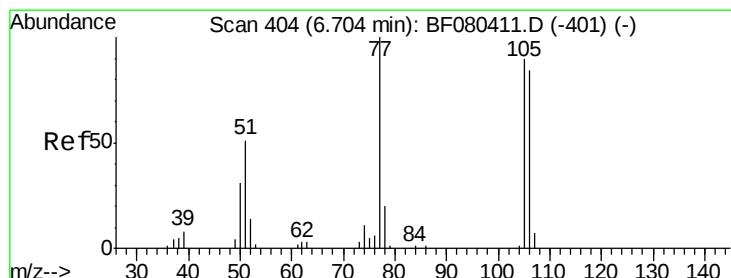
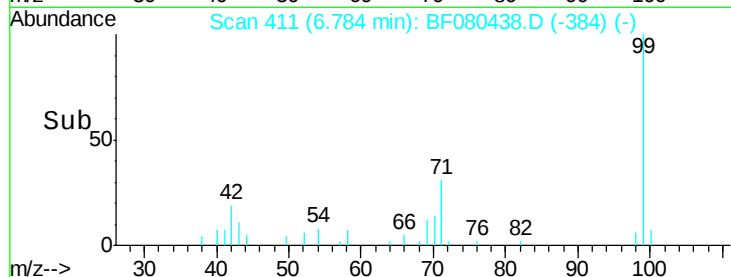
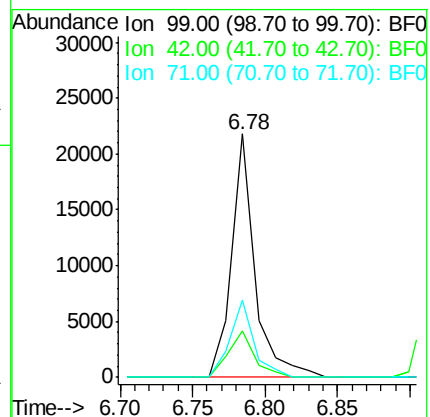
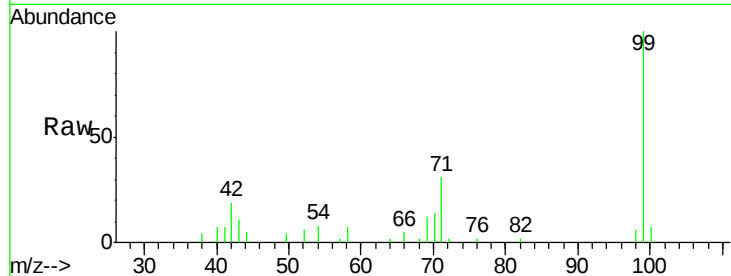
Tgt Ion: 99 Resp: 24287

Ion Ratio Lower Upper

99 100

42 18.9 17.9 26.9

71 31.5 30.1 45.1



#9

Benzaldehyde

Concen: 2.95 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080438.D

Acq: 13 Jul 2015 21:02

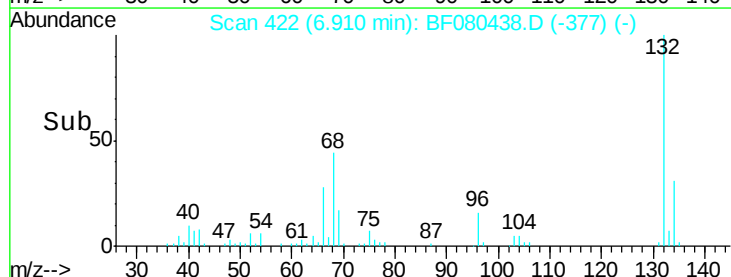
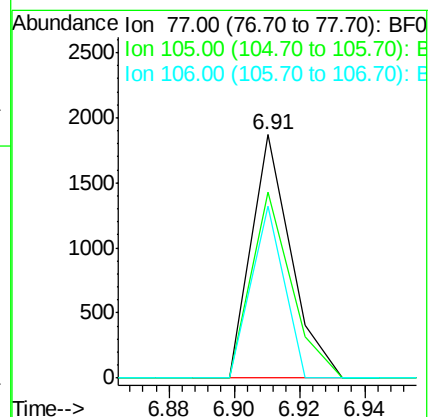
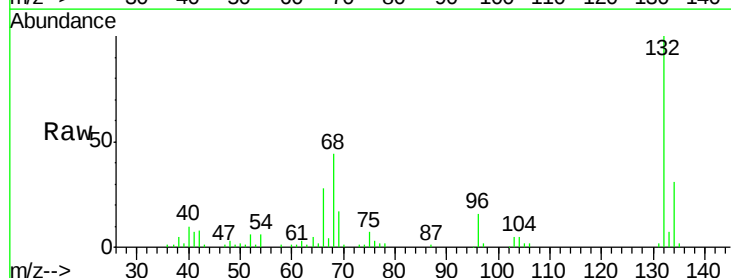
Tgt Ion: 77 Resp: 1563

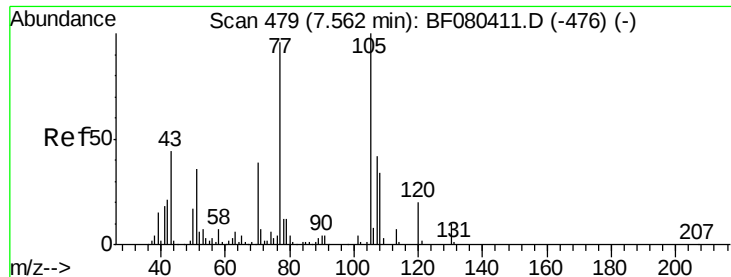
Ion Ratio Lower Upper

77 100

105 76.2 69.6 109.6

106 70.6 63.6 103.6

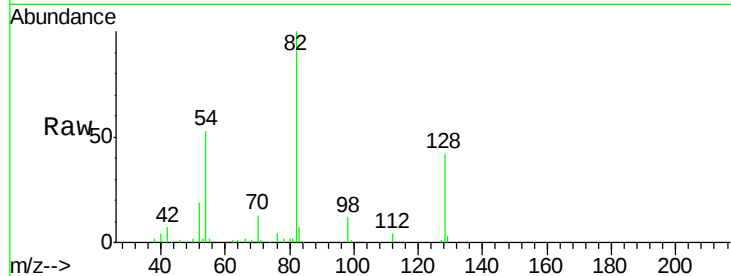




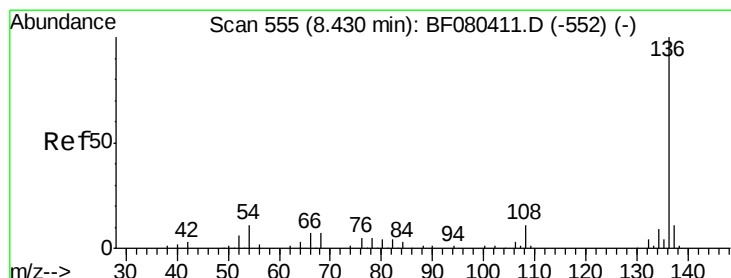
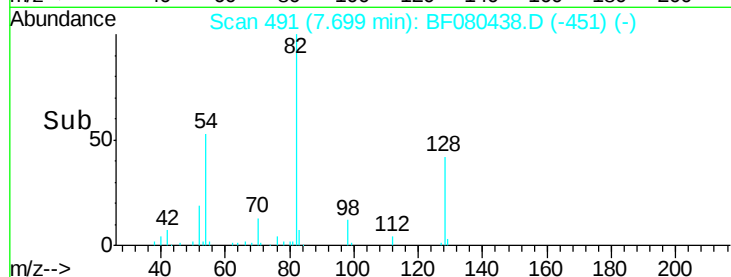
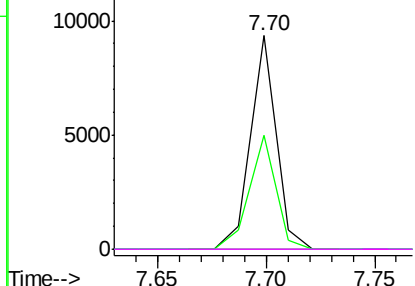
#19
n-Nitroso-di-n-propylamine
Concen: 11.70 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion: 70 Resp: 7655
Ion Ratio Lower Upper
70 100
42 53.1 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#

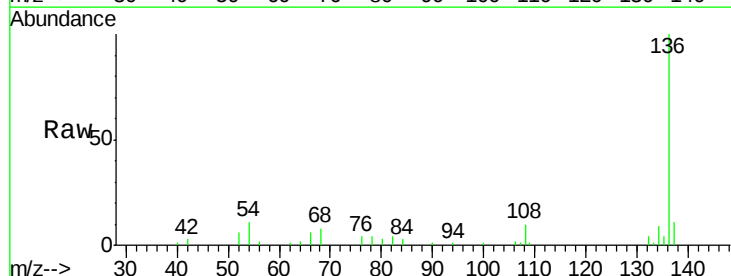


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

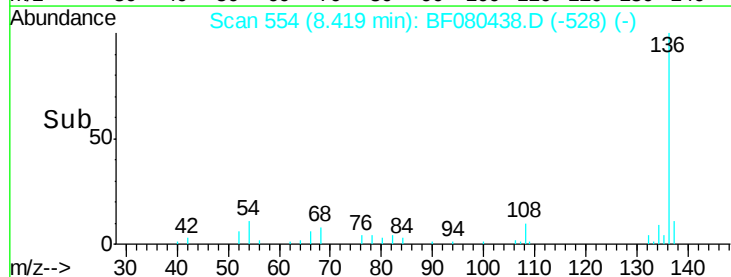
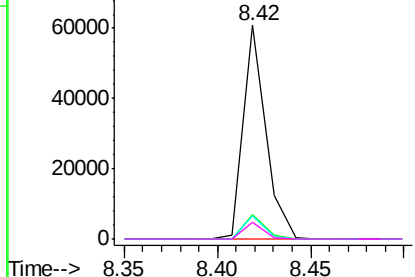


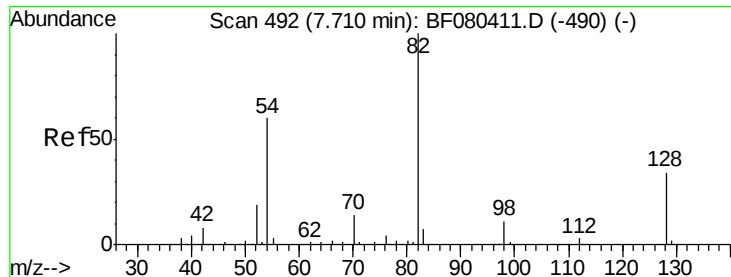
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion: 136 Resp: 51425
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.6 9.1 13.7
68 7.7 5.9 8.9



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

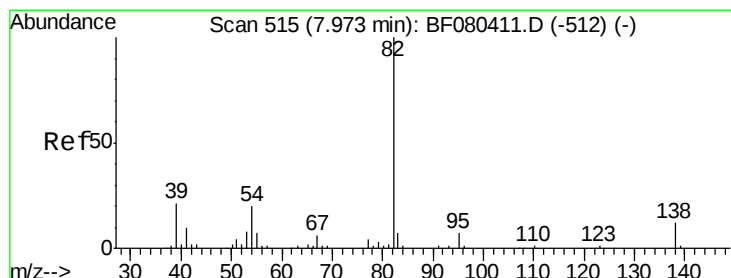
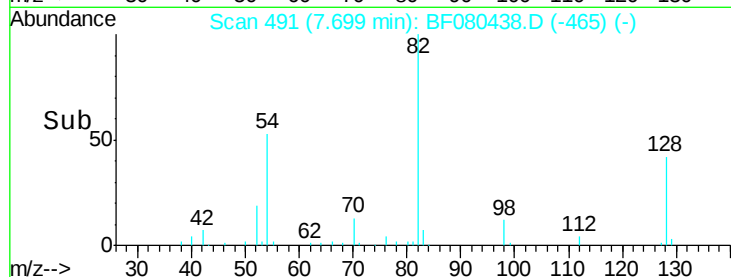
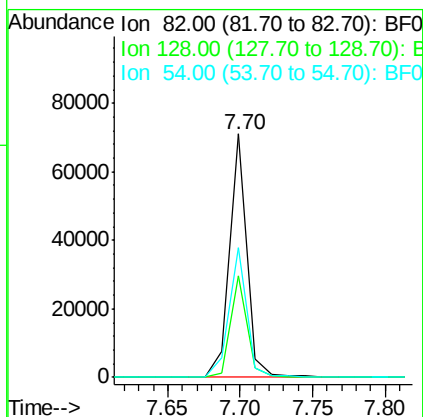
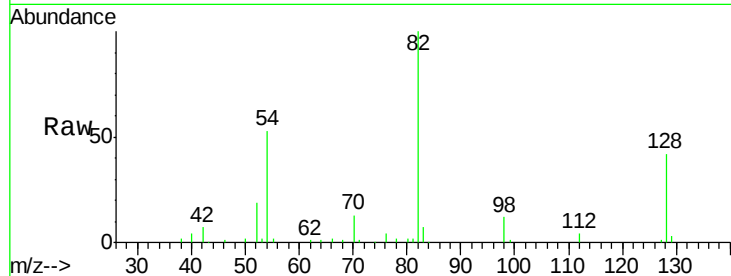




#23
 Nitrobenzene-d5
 Concen: 65.40 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF080438.D
 Acq: 13 Jul 2015 21:02

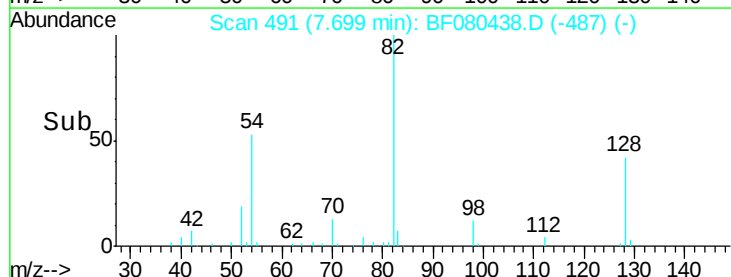
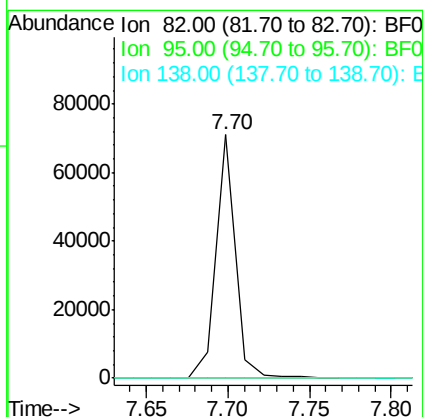
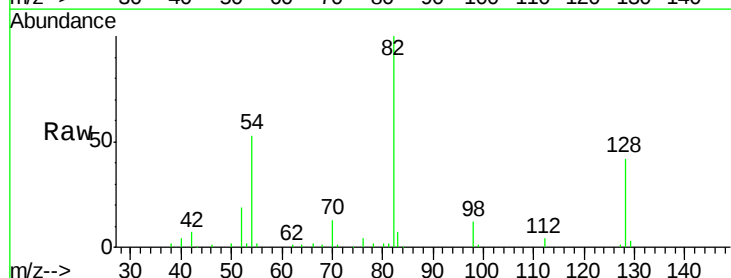
Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-23D

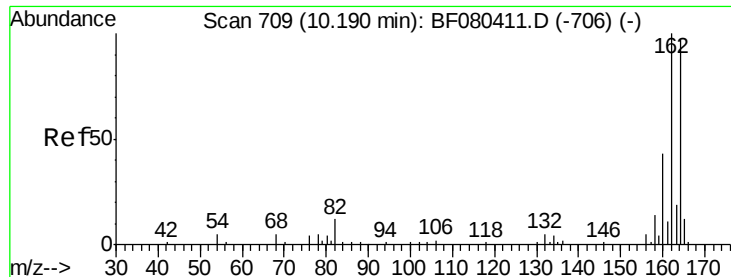
Tgt Ion: 82 Resp: 58965
 Ion Ratio Lower Upper
 82 100
 128 41.9 26.9 40.3#
 54 53.3 47.7 71.5



#25
 Isophorone
 Concen: 36.49 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.25 min
 Lab File: BF080438.D
 Acq: 13 Jul 2015 21:02

Tgt Ion: 82 Resp: 58962
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 9.5 14.3#

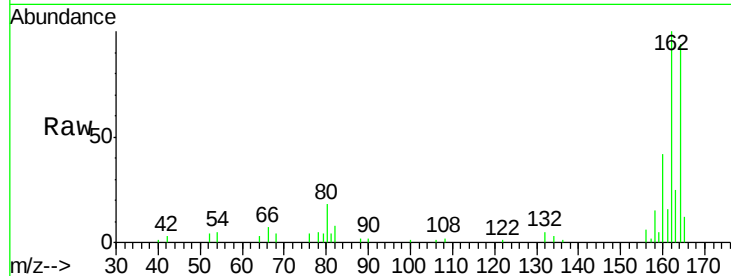




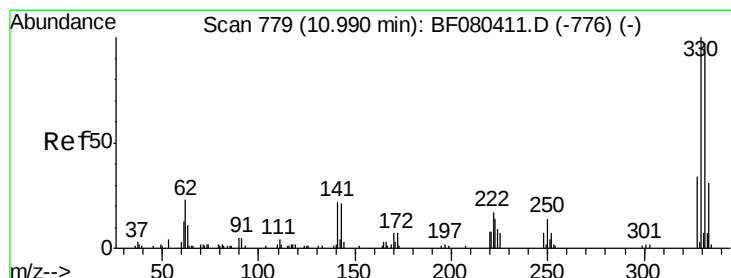
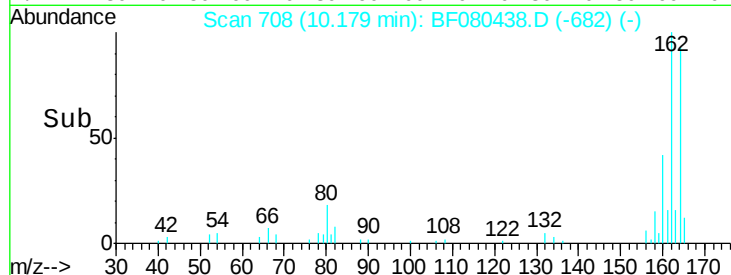
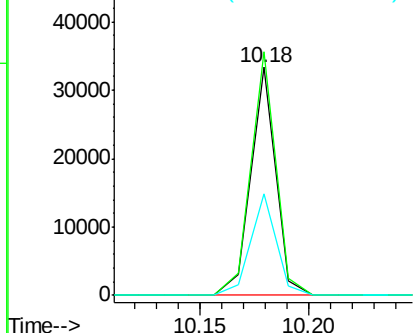
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080438.D
 Acq: 13 Jul 2015 21:02

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-23D

Tgt Ion:164 Resp: 26486
 Ion Ratio Lower Upper
 164 100
 162 106.8 82.7 124.1
 160 44.5 35.5 53.3

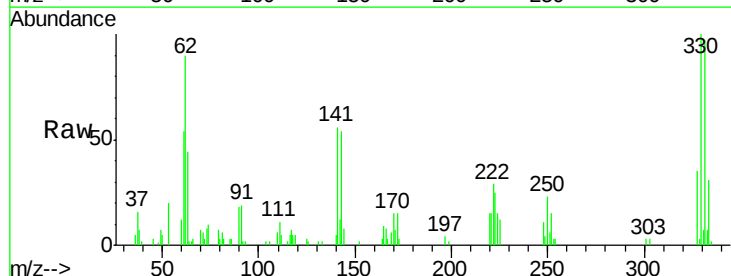


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

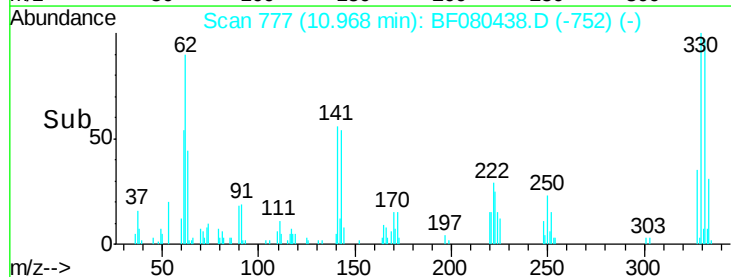
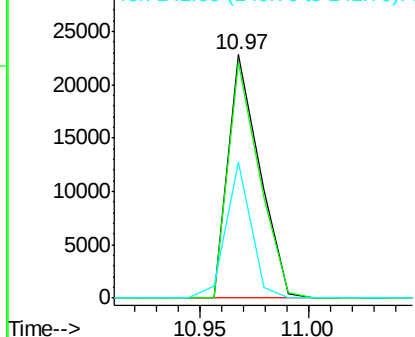


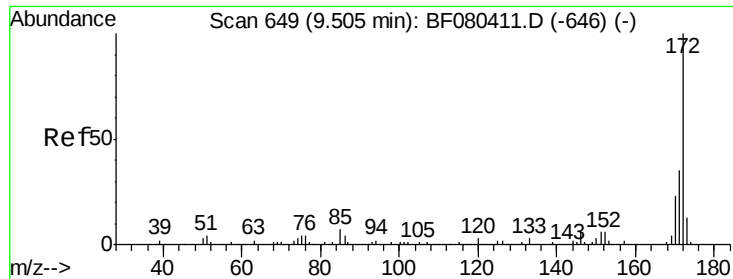
#41
 2,4,6-Tribromophenol
 Concen: 88.52 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080438.D
 Acq: 13 Jul 2015 21:02

Tgt Ion:330 Resp: 22883
 Ion Ratio Lower Upper
 330 100
 332 95.7 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

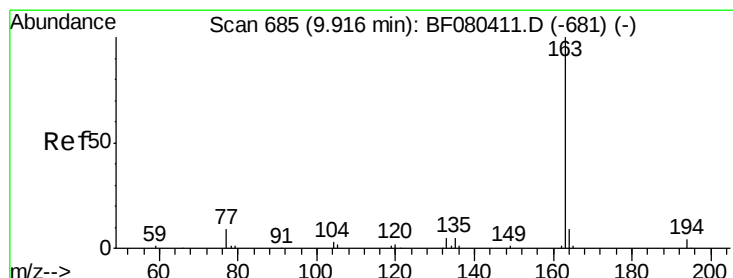
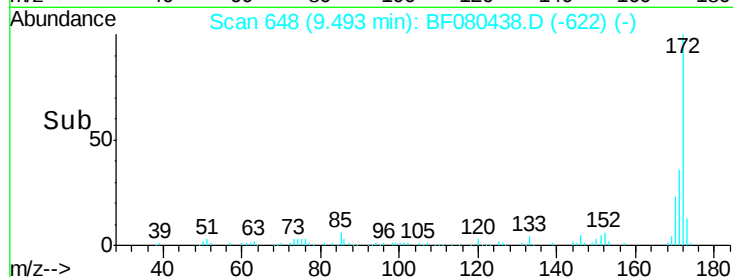
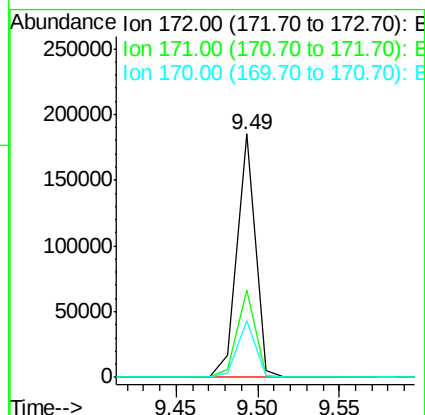
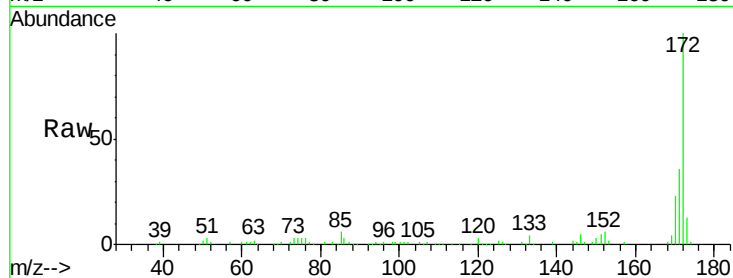




#44
 2-Fluorobiphenyl
 Concen: 72.55 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080438.D
 Acq: 13 Jul 2015 21:02

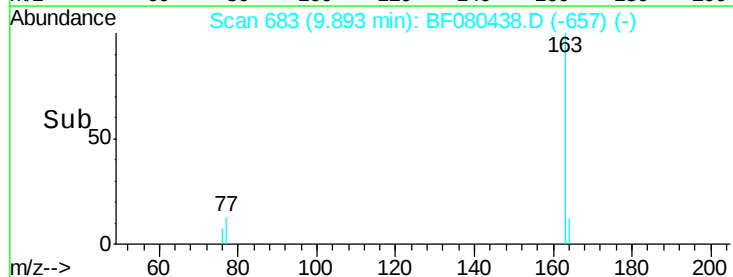
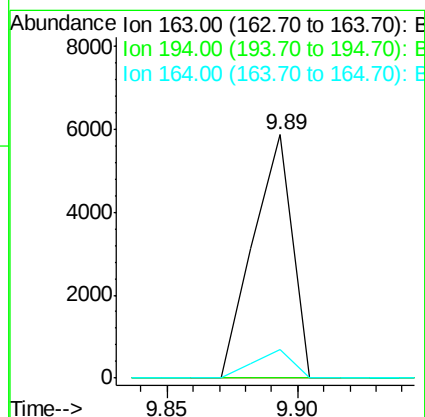
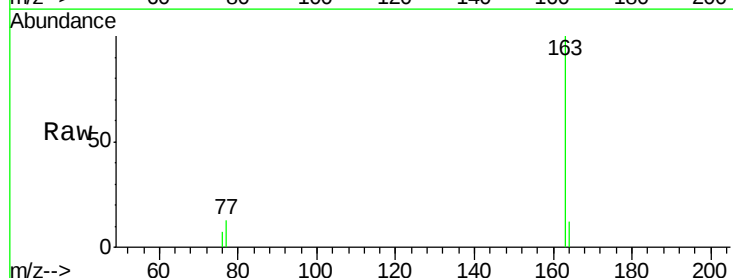
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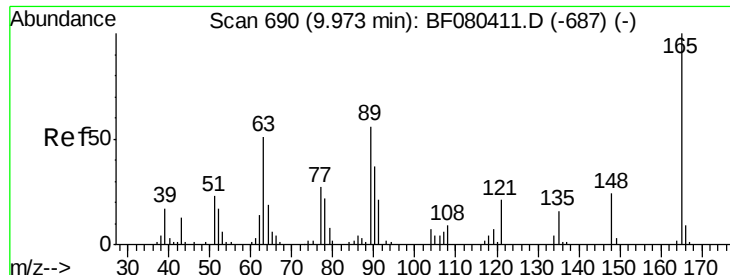
Tgt Ion:172 Resp: 142675
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.4 42.6
 170 23.4 18.6 28.0



#49
 Dimethylphthalate
 Concen: 3.08 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080438.D
 Acq: 13 Jul 2015 21:02

Tgt Ion:163 Resp: 6172
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.4 5.2#
 164 11.8 7.4 11.0#

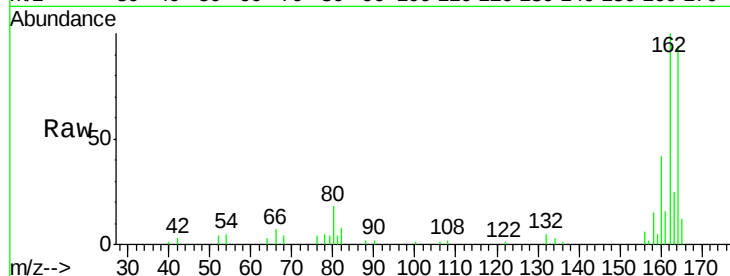




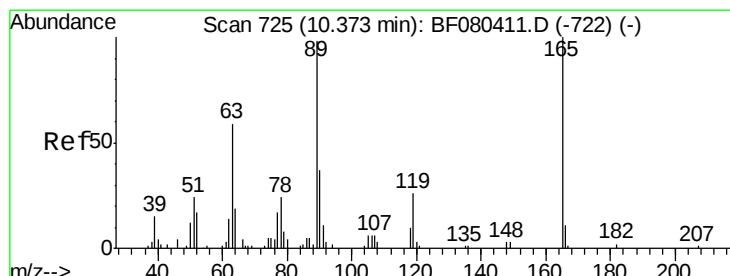
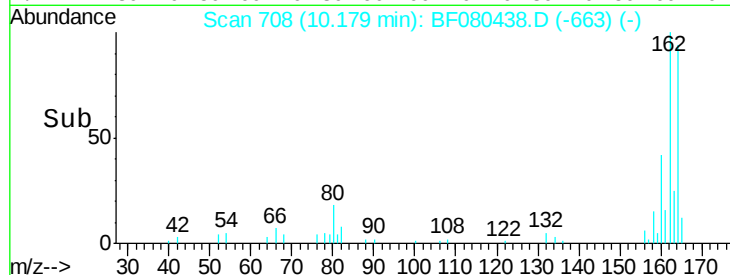
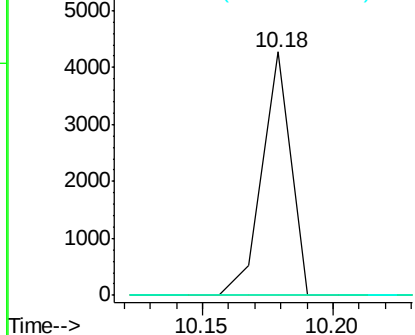
#50
2,6-Dinitrotoluene
Concen: 7.33 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.22 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:165 Resp: 3296
Ion Ratio Lower Upper
165 100
63 0.0 44.5 66.7#
89 0.0 44.5 66.7#



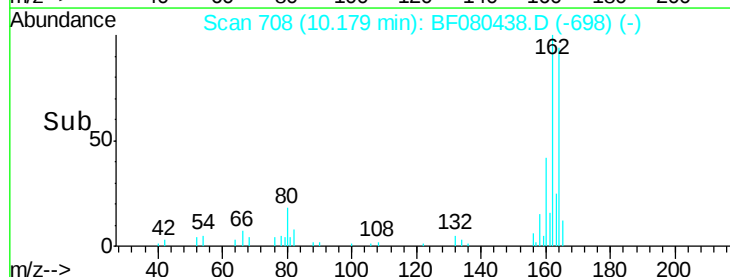
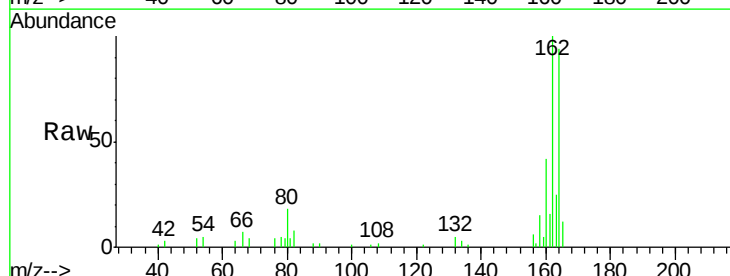
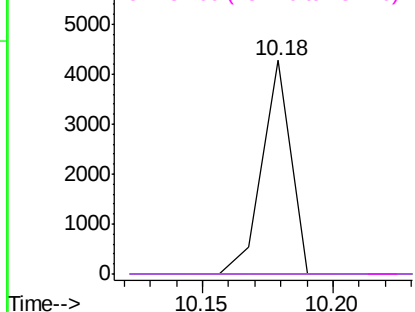
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

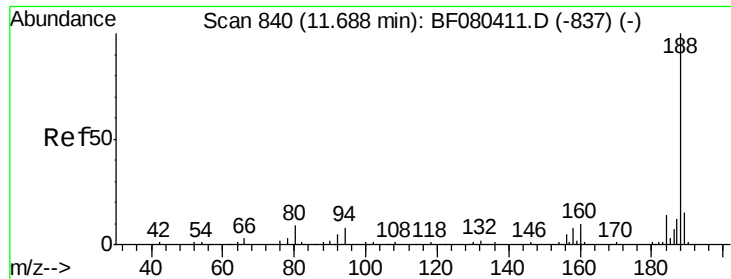


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.18 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion:165 Resp: 3296
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

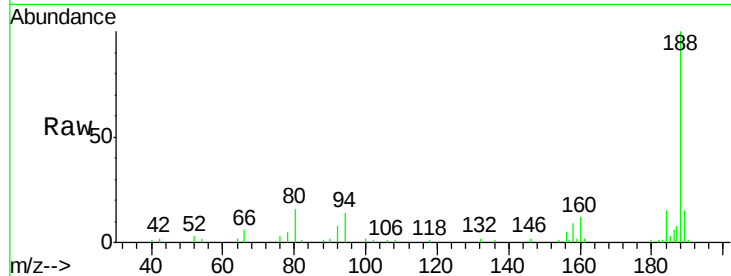




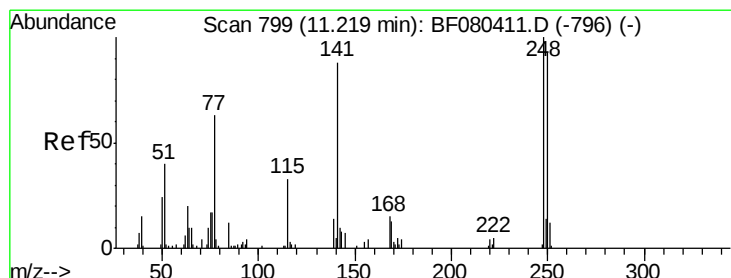
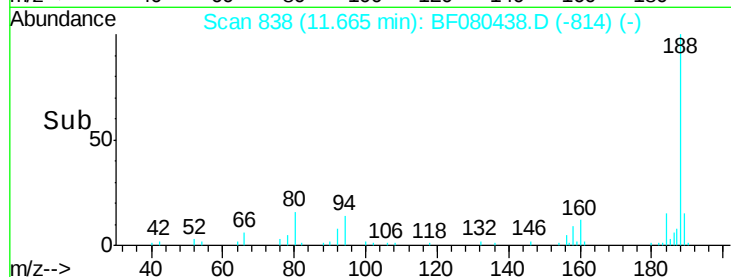
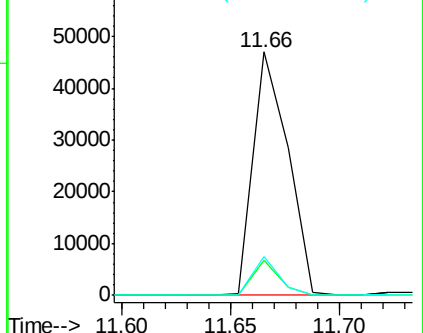
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080438.D
 Acq: 13 Jul 2015 21:02

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW-2-23D

Tgt Ion:188 Resp: 52405
 Ion Ratio Lower Upper
 188 100
 94 14.3 6.7 10.1#
 80 16.2 7.5 11.3#

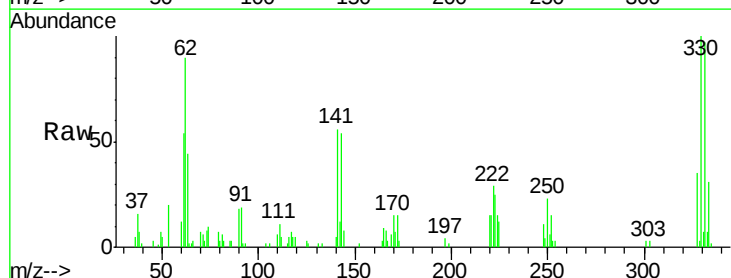


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

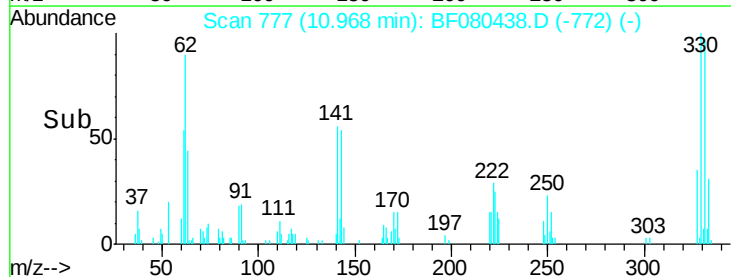
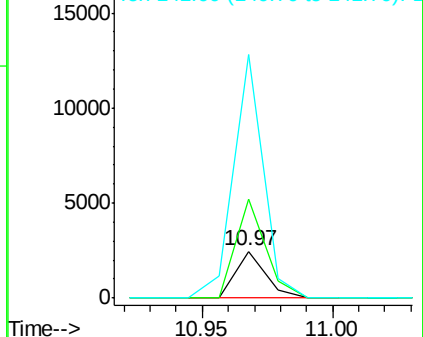


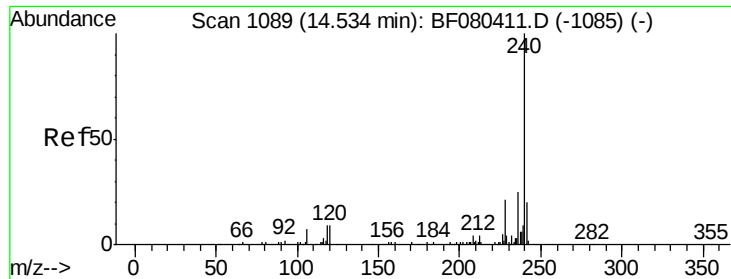
#66
 4-Bromophenyl-phenylether
 Concen: 3.50 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.24 min
 Lab File: BF080438.D
 Acq: 13 Jul 2015 21:02

Tgt Ion:248 Resp: 1957
 Ion Ratio Lower Upper
 248 100
 250 211.9 74.2 111.4#
 141 524.0 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: 14.42 min Scan# 1079

Delta R.T. -0.30 min

Lab File: BF080438.D

Acq: 13 Jul 2015 21:02

Instrument :

BNA_F

ClientSampleId :

TE-MW-2-23D

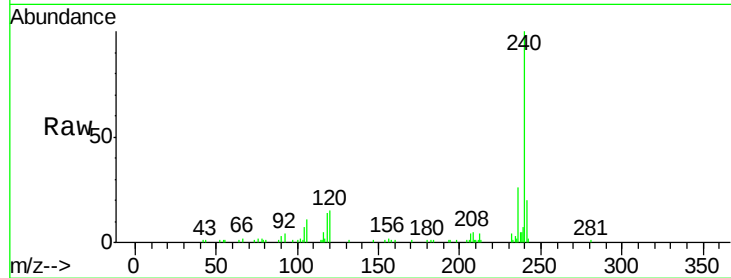
Tgt Ion:240 Resp: 68218

Ion Ratio Lower Upper

240 100

120 15.0 7.4 11.2#

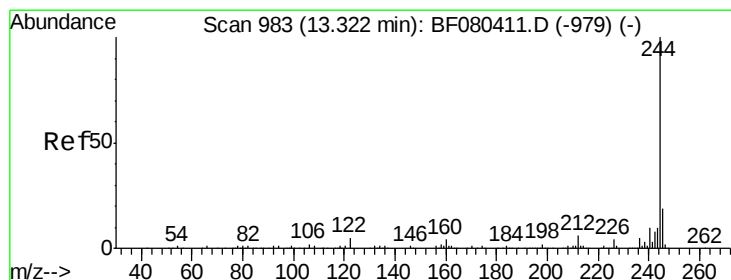
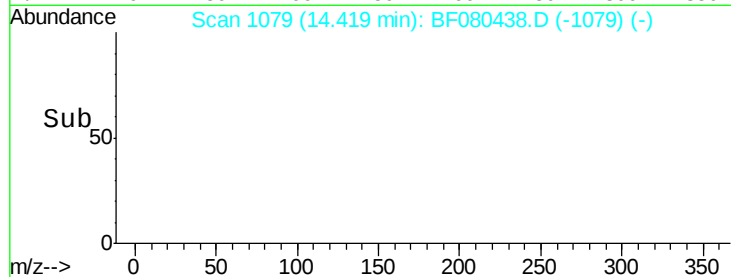
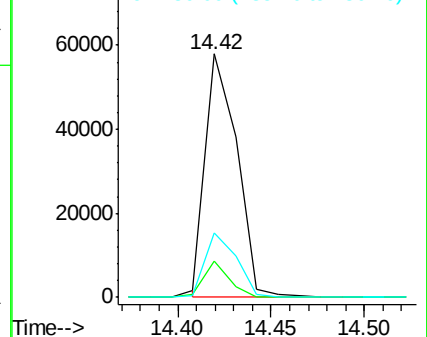
236 26.2 19.7 29.5



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: 62.72 ng

RT: 13.27 min Scan# 978

Delta R.T. -0.14 min

Lab File: BF080438.D

Acq: 13 Jul 2015 21:02

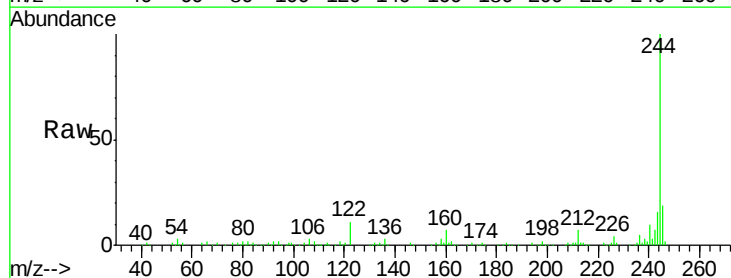
Tgt Ion:244 Resp: 197002

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

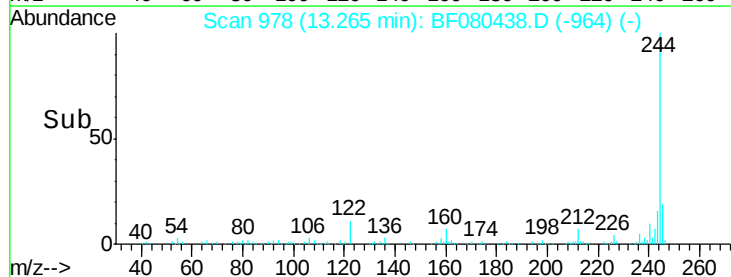
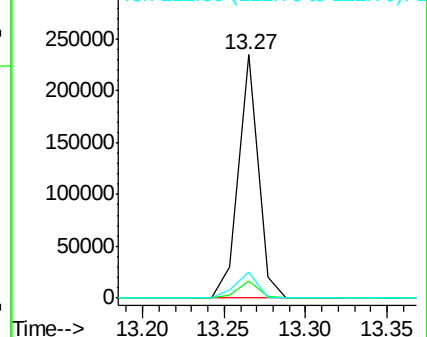
122 10.6 4.1 6.1#

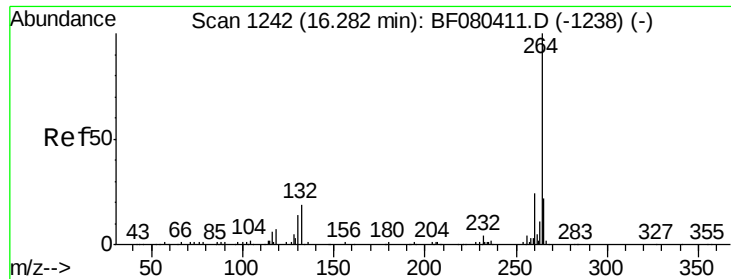


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.10 min Scan# 1226
Delta R.T. -0.49 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:	264	Resp:	80506
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.8	26.8

