

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080442.D
 Acq On : 13 Jul 2015 22:58
 Operator : TP/UM
 Sample : G2945-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Quant Time: Jul 14 01:02:06 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

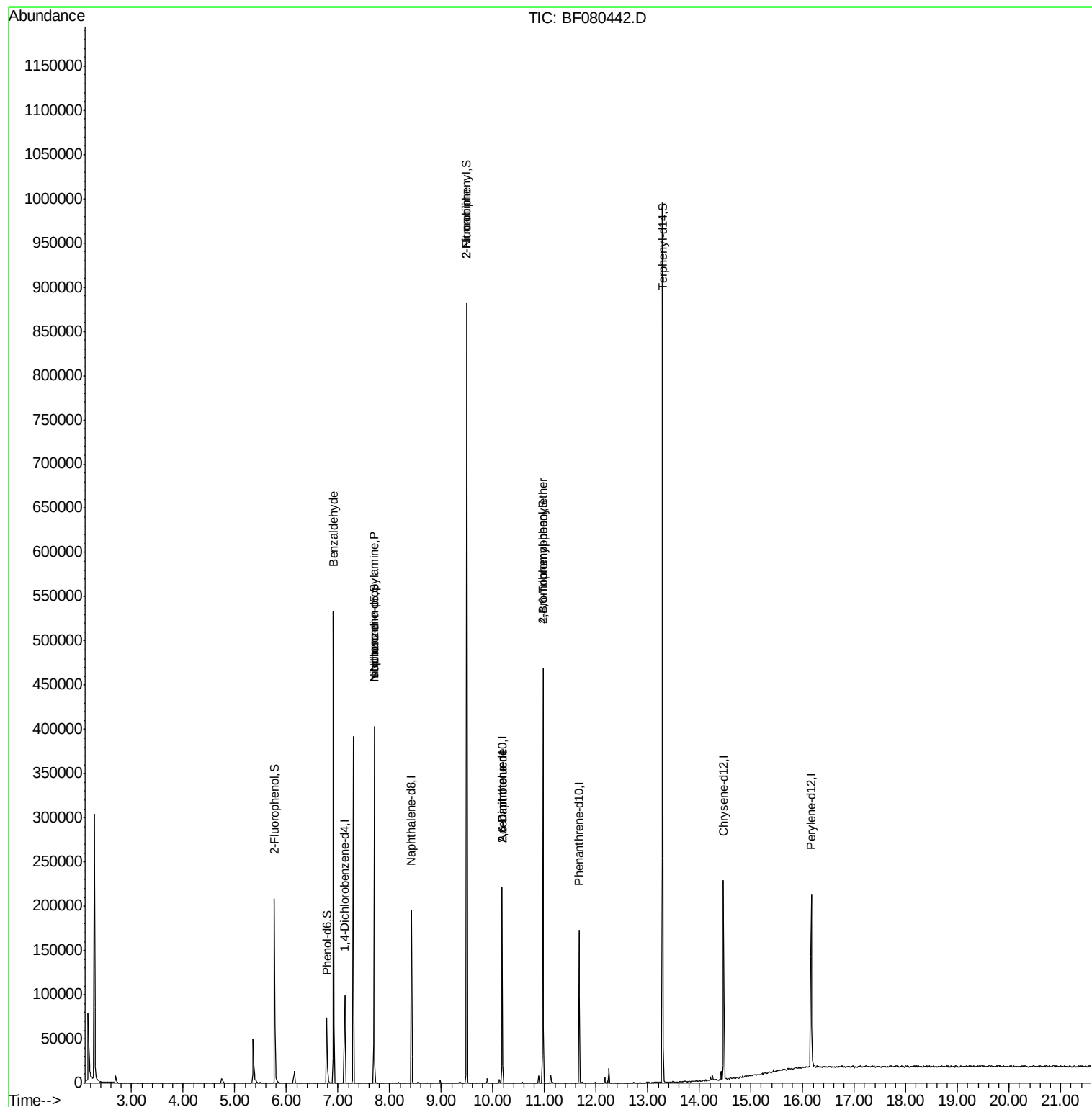
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	18616	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	79411	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	39403	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	77458	20.00	ng	-0.02
75) Chrysene-d12	14.47	240	91875	20.00	ng	-0.25
86) Perylene-d12	16.17	264	99841	20.00	ng	-0.42
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	60126	55.35	ng	0.00
7) Phenol-d6	6.78	99	42123	29.10	ng	0.01
23) Nitrobenzene-d5	7.70	82	114637	82.33	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	40604	105.58	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	245082	83.77	ng	0.00
78) Terphenyl-d14	13.29	244	312790	73.94	ng	-0.11
Target Compounds						Qvalue
9) Benzaldehyde	6.91	77	2782	3.47	ng	# 78
19) n-Nitroso-di-n-propylamine	7.70	70	14826	14.97	ng	# 79
25) Isophorone	7.70	82	114633	45.94	ng	# 73
47) 2-Nitroaniline	9.49	65	232	4.90	ng	# 1
50) 2,6-Dinitrotoluene	10.18	165	5070	7.58	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	5069	6.48	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	3307	4.01	ng	# 1

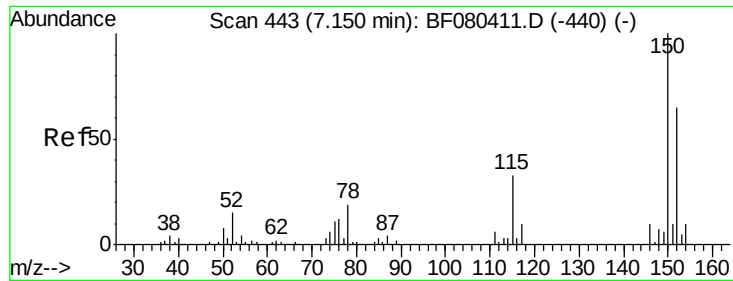
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 01:02:06 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



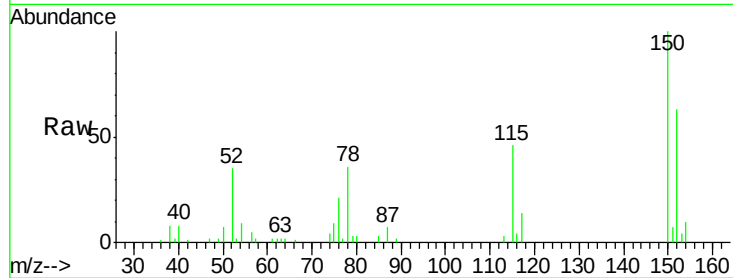


#1

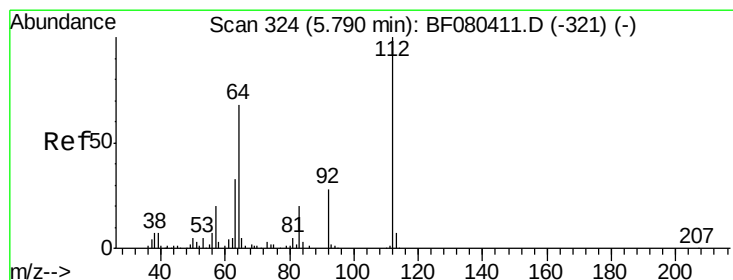
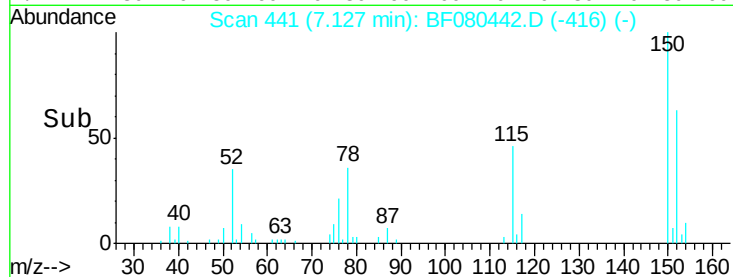
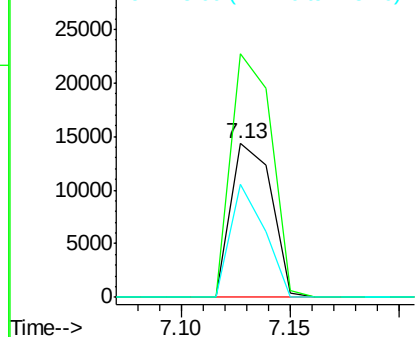
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF080442.D
Acq: 13 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW-40

Tgt Ion:152 Resp: 18616
Ion Ratio Lower Upper
152 100
150 158.1 122.3 183.5
115 73.2 41.0 61.4#



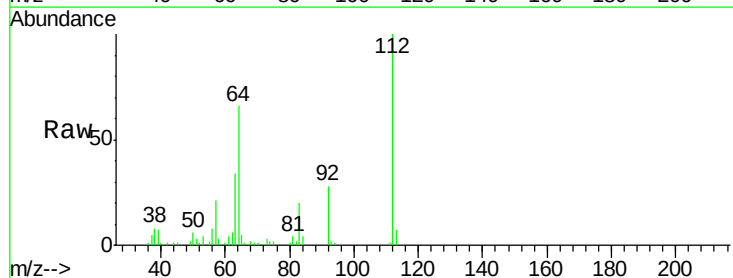
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



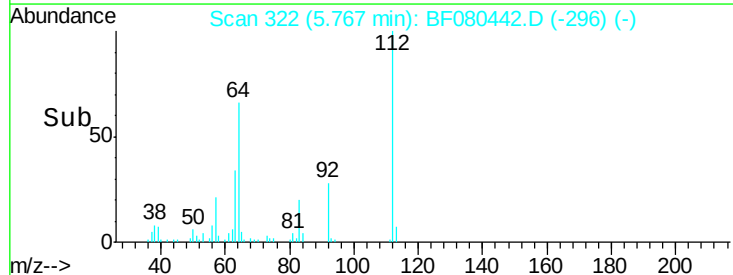
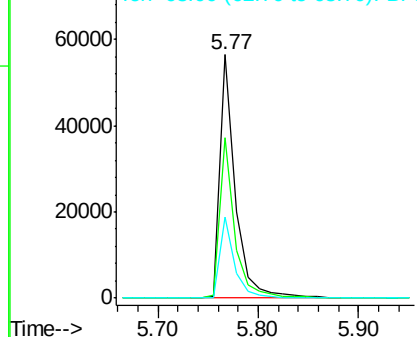
#5

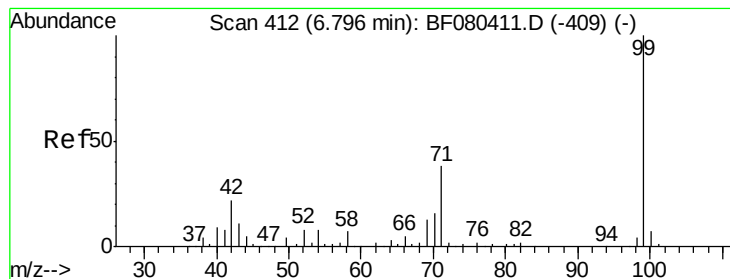
2-Fluorophenol
Concen: 55.35 ng
RT: 5.77 min Scan# 322
Delta R.T. -0.00 min
Lab File: BF080442.D
Acq: 13 Jul 2015 22:58

Tgt Ion:112 Resp: 60126
Ion Ratio Lower Upper
112 100
64 65.8 54.3 81.5
63 33.5 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: 29.10 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

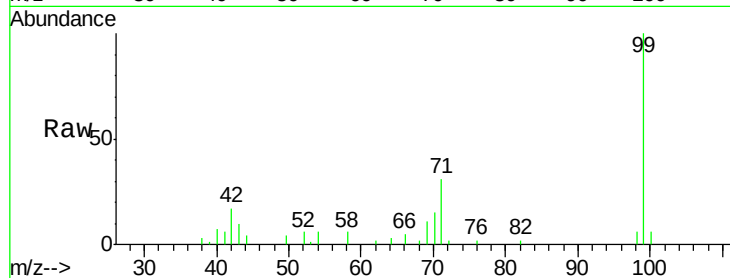
Tgt Ion: 99 Resp: 42123

Ion Ratio Lower Upper

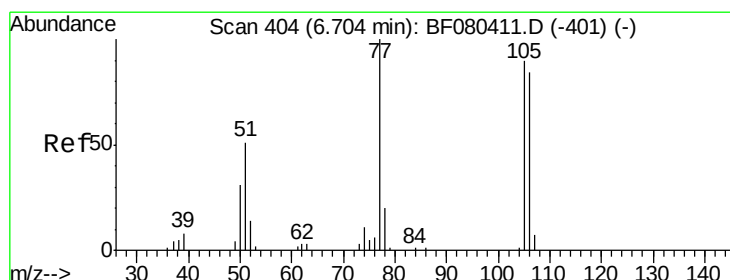
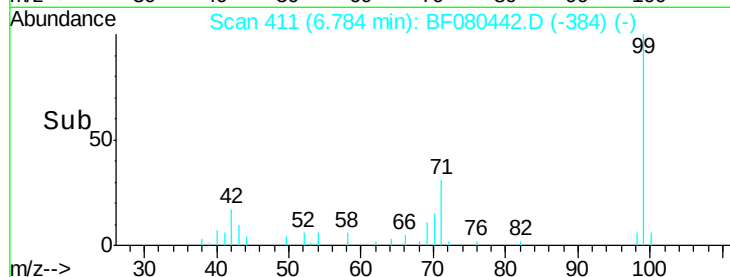
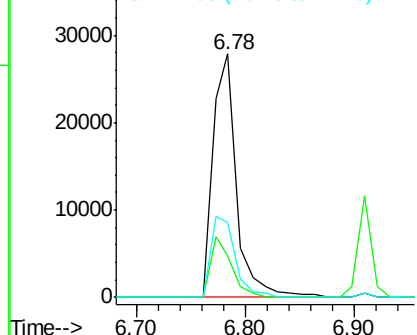
99 100

42 17.2 17.9 26.9#

71 30.7 30.1 45.1



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: 3.47 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

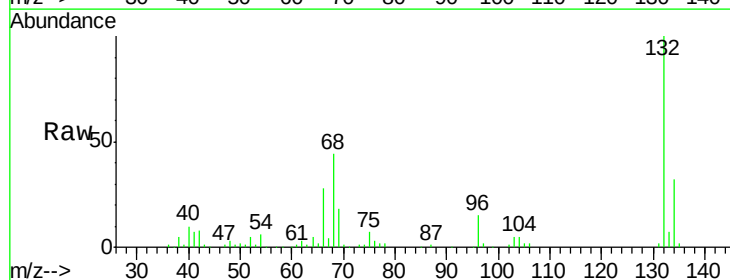
Tgt Ion: 77 Resp: 2782

Ion Ratio Lower Upper

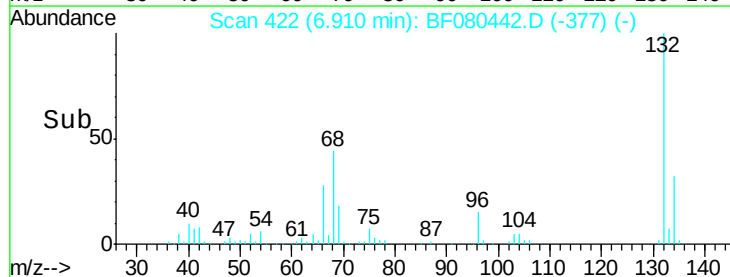
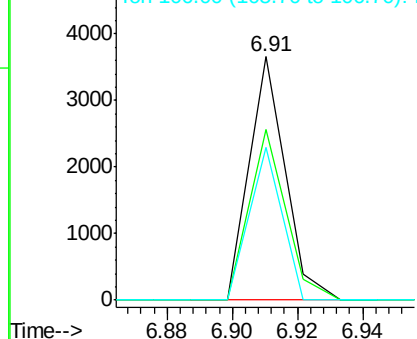
77 100

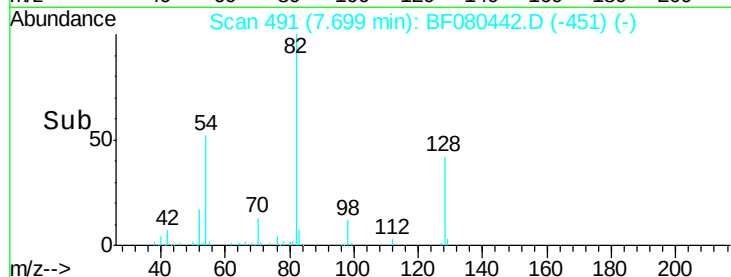
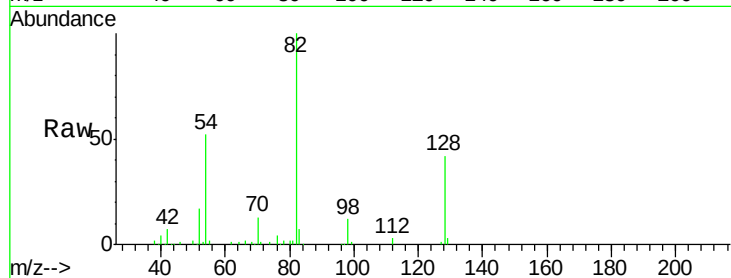
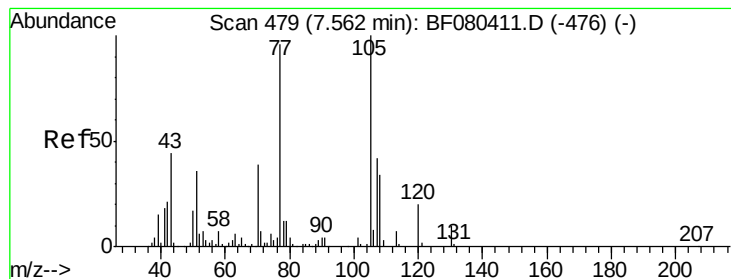
105 70.3 69.6 109.6

106 62.8 63.6 103.6#



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: 14.97 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.16 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

Tgt Ion: 70 Resp: 14826

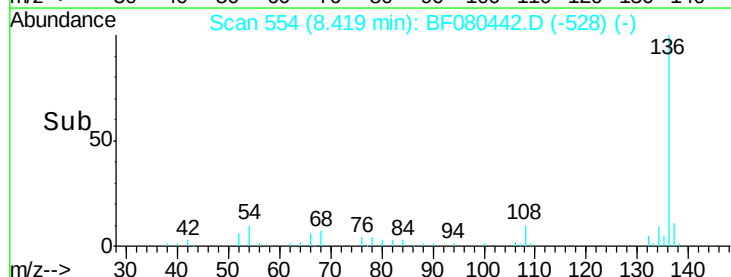
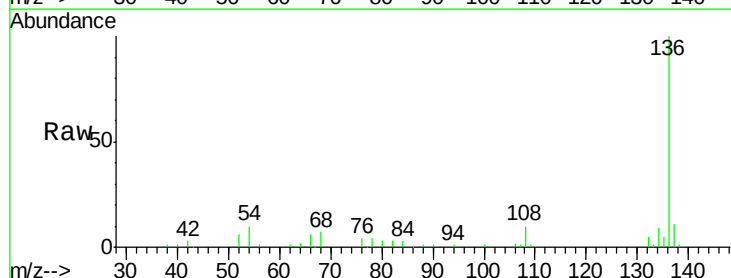
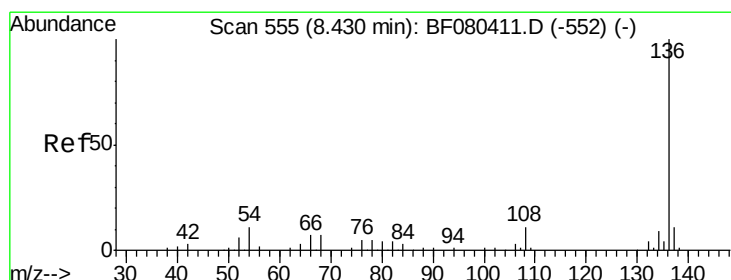
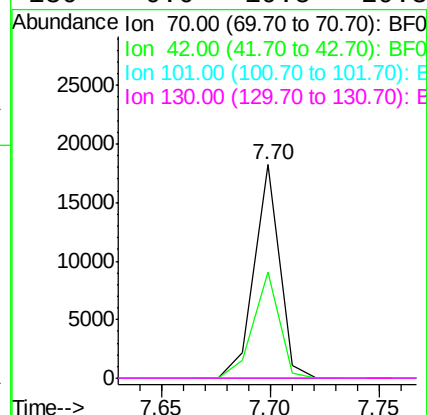
Ion Ratio Lower Upper

70 100

42 50.0 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.42 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

Tgt Ion: 136 Resp: 79411

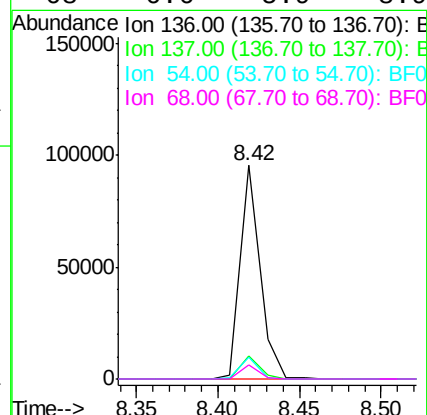
Ion Ratio Lower Upper

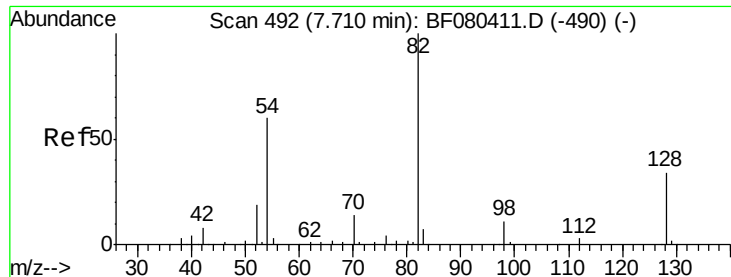
136 100

137 11.0 9.0 13.4

54 10.4 9.1 13.7

68 6.6 5.9 8.9





#23

Nitrobenzene-d5

Concen: 82.33 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

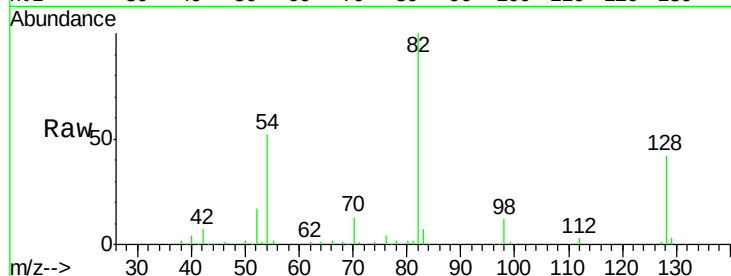
Tgt Ion: 82 Resp: 114637

Ion Ratio Lower Upper

82 100

128 41.9 26.9 40.3#

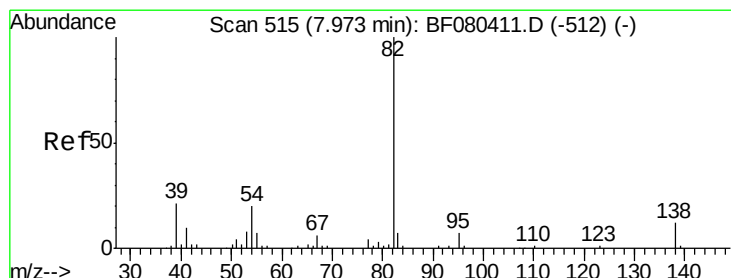
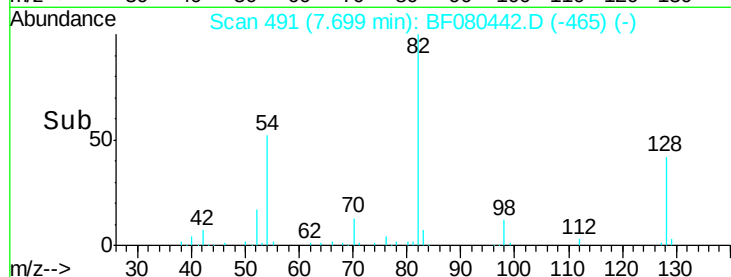
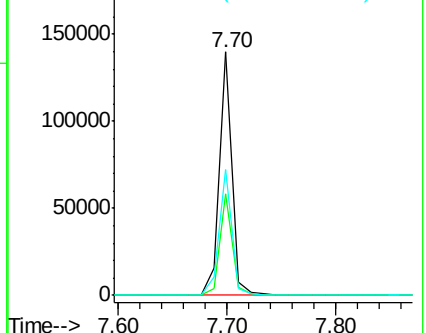
54 51.7 47.7 71.5



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: 45.94 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.25 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

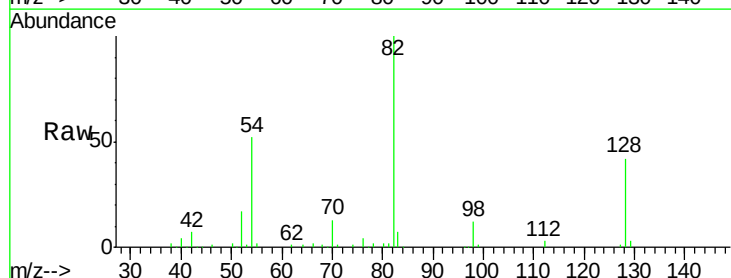
Tgt Ion: 82 Resp: 114633

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

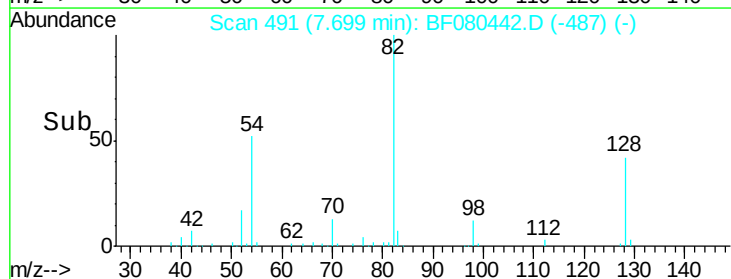
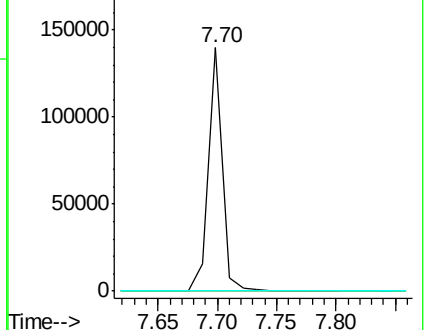
138 0.0 9.5 14.3#

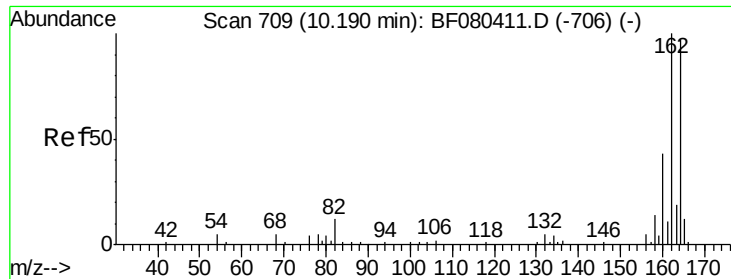


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

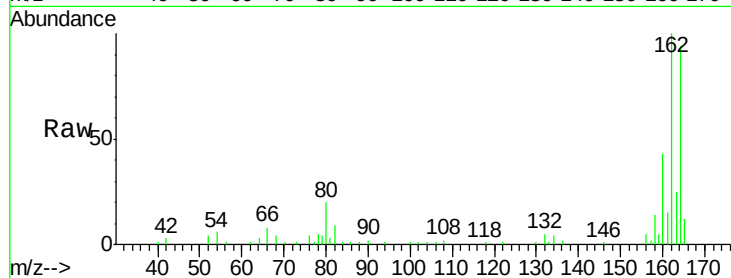




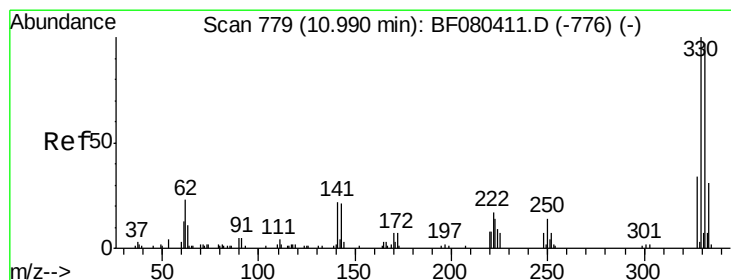
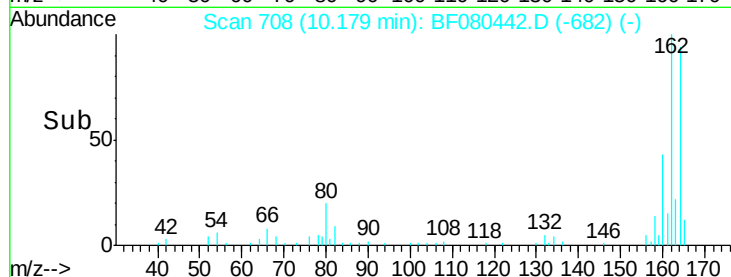
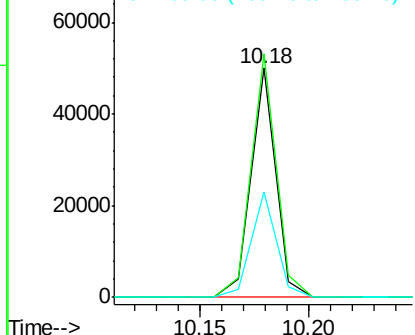
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF080442.D
Acq: 13 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW-40

Tgt Ion:164 Resp: 39403
Ion Ratio Lower Upper
164 100
162 106.3 82.7 124.1
160 46.1 35.5 53.3

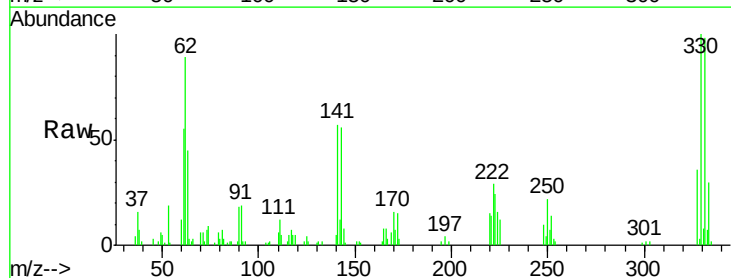


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

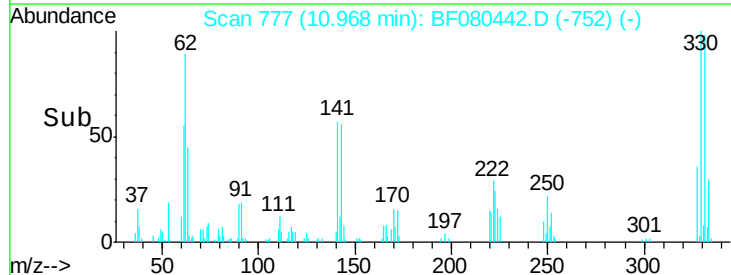
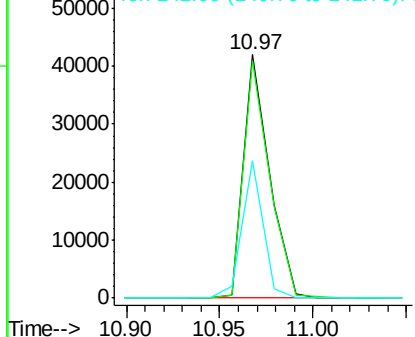


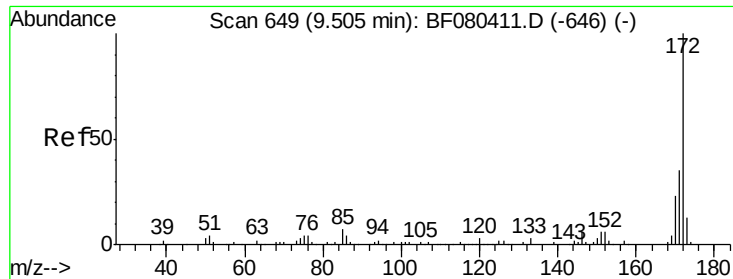
#41
2,4,6-Tribromophenol
Concen: 105.58 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF080442.D
Acq: 13 Jul 2015 22:58

Tgt Ion:330 Resp: 40604
Ion Ratio Lower Upper
330 100
332 98.2 78.0 117.0
141 46.4 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

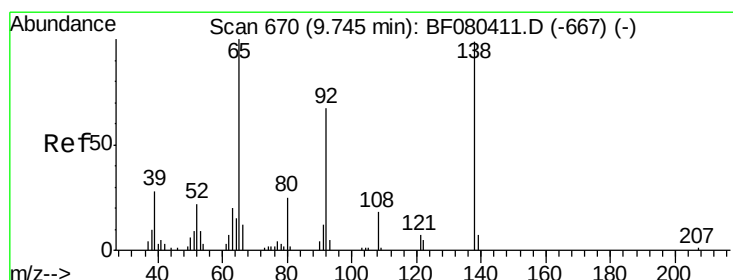
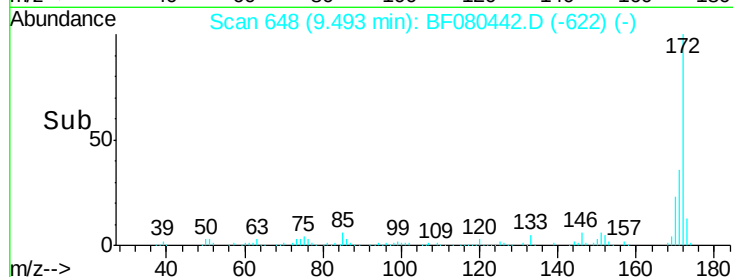
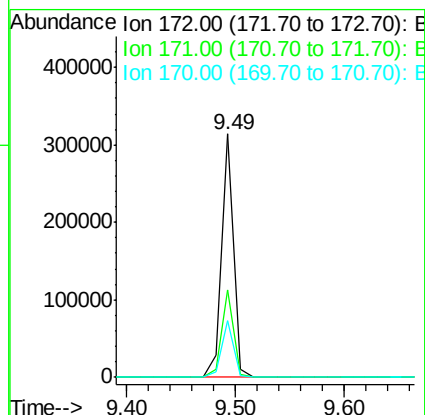
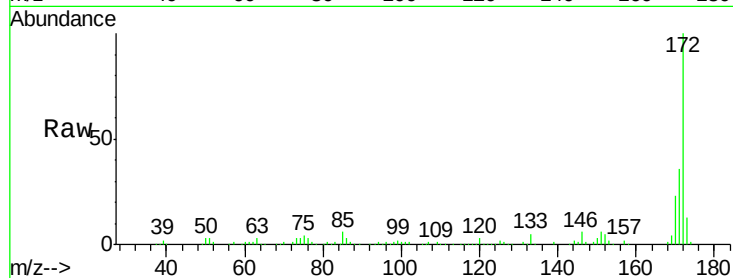




#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

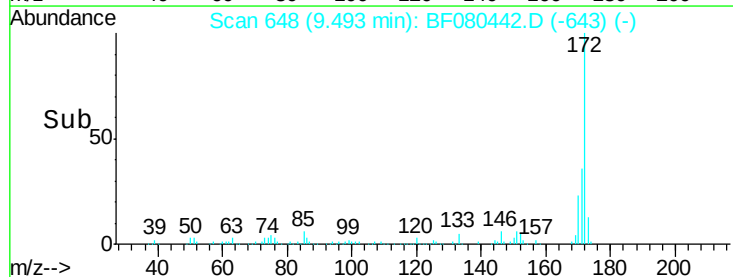
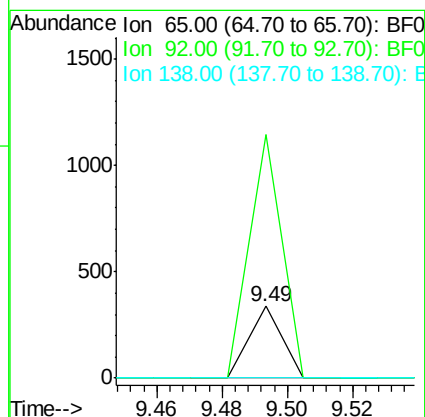
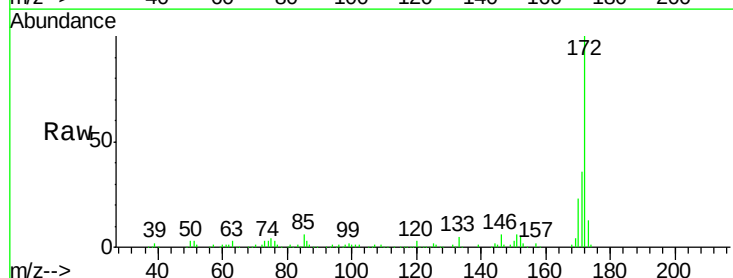
Instrument :
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 ClientSampleId :
 TE-PMW-40

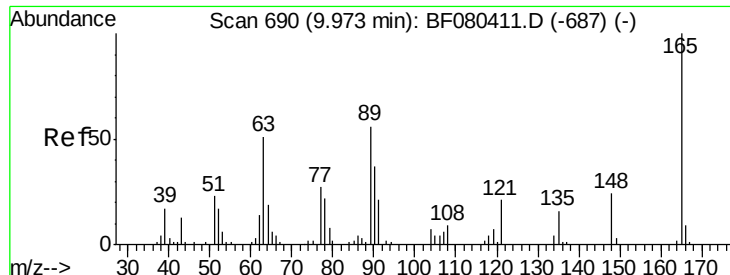
Tgt Ion: 172 Resp: 245082
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.4 42.6
 170 23.1 18.6 28.0



#47
 2-Nitroaniline
 Concen: 4.90 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.24 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Tgt Ion: 65 Resp: 232
 Ion Ratio Lower Upper
 65 100
 92 338.8 53.2 79.8#
 138 0.0 78.9 118.3#

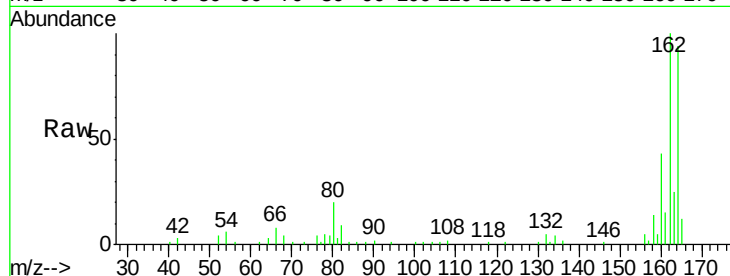




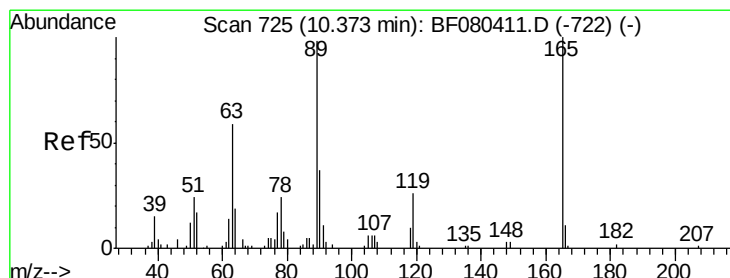
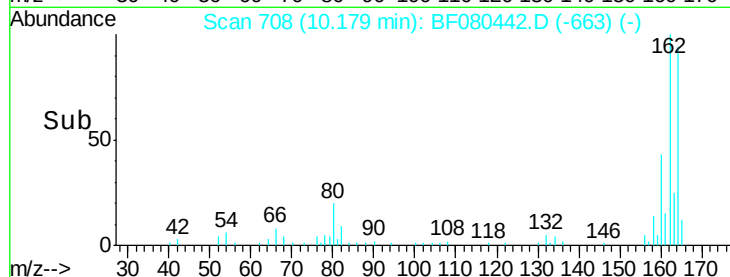
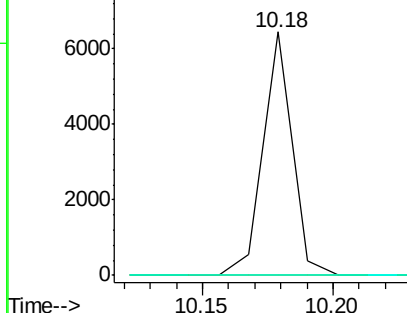
#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.22 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Tgt Ion:165 Resp: 5070
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.5 66.7#
 89 0.0 44.5 66.7#

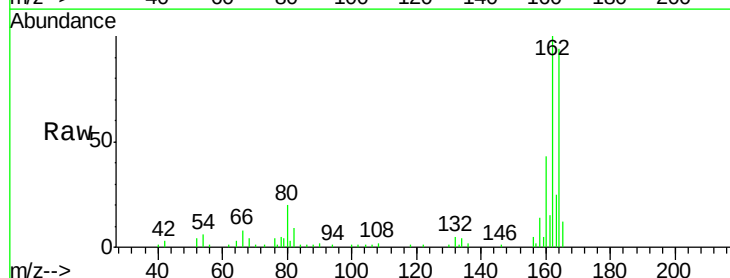


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

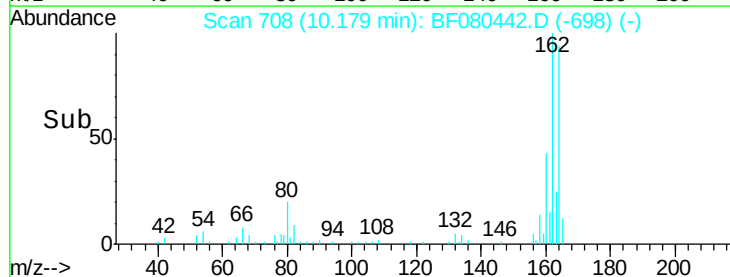
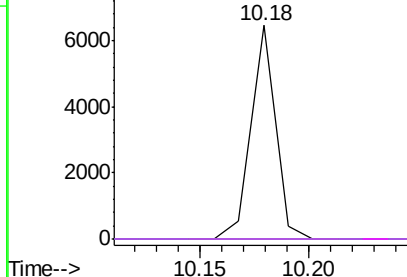


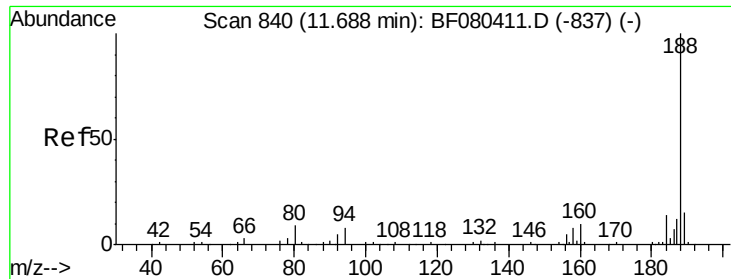
#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Tgt Ion:165 Resp: 5069
 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

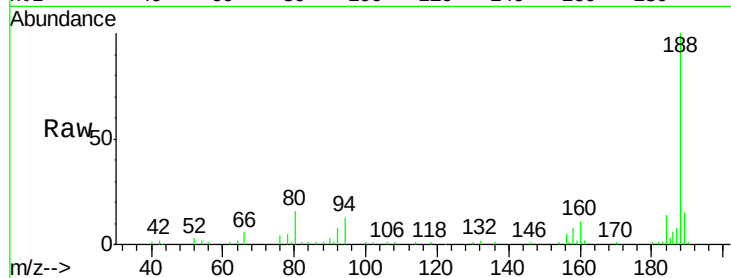




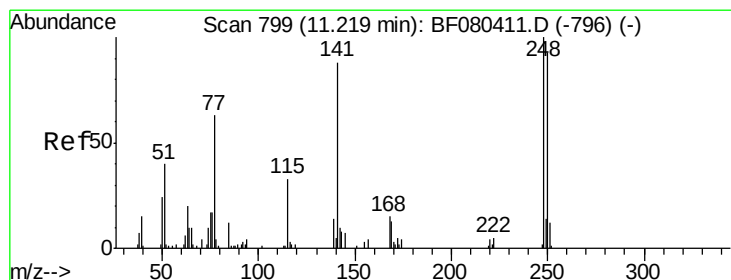
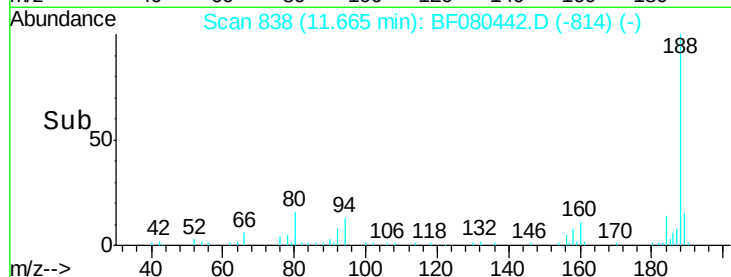
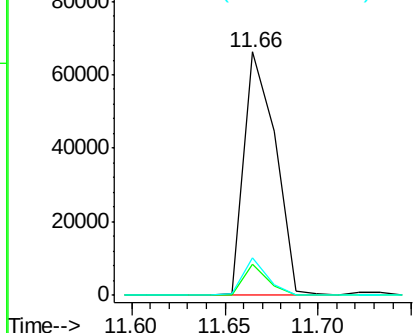
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Tgt Ion:188 Resp: 77458
 Ion Ratio Lower Upper
 188 100
 94 13.0 6.7 10.1#
 80 15.6 7.5 11.3#

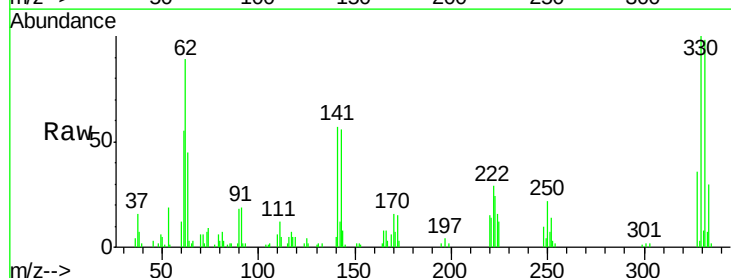


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

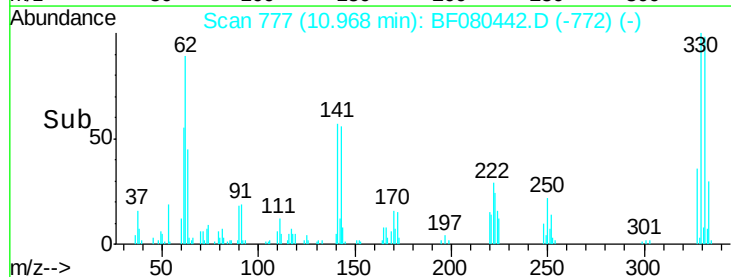
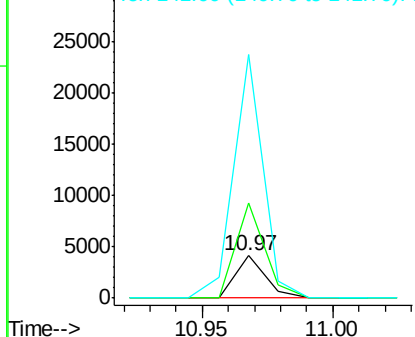


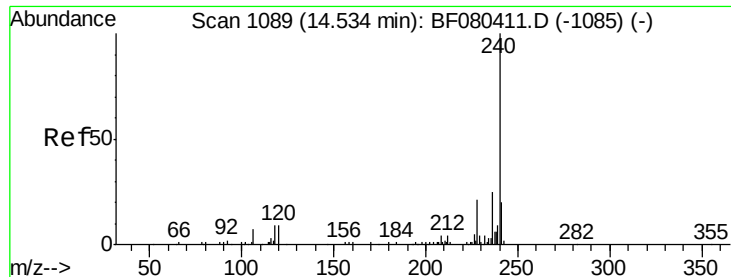
#66
 4-Bromophenyl-phenylether
 Concen: 4.01 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.24 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Tgt Ion:248 Resp: 3307
 Ion Ratio Lower Upper
 248 100
 250 224.5 74.2 111.4#
 141 574.2 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: 14.47 min Scan# 1083

Delta R.T. -0.25 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

Instrument :

BNA_F

ClientSampled :

TE-PMW-40

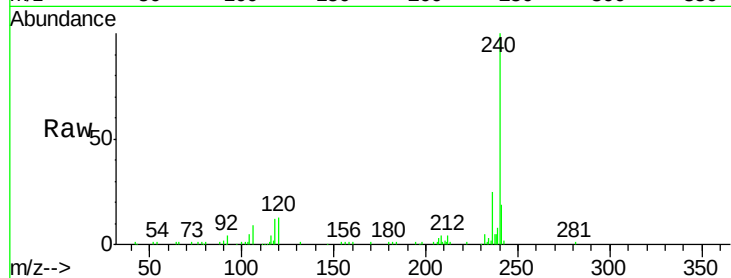
Tgt Ion:240 Resp: 91875

Ion Ratio Lower Upper

240 100

120 13.2 7.4 11.2#

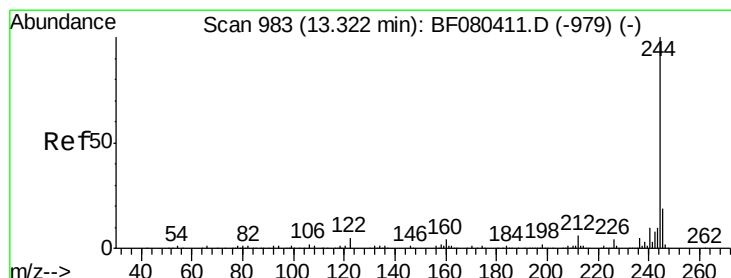
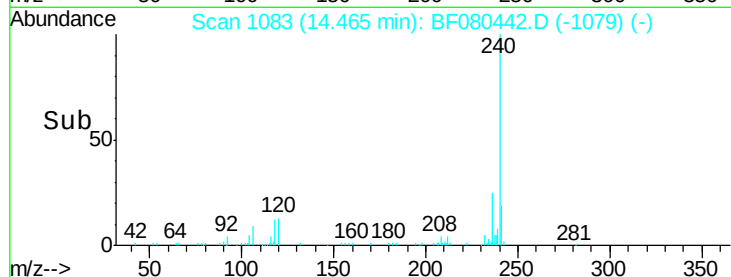
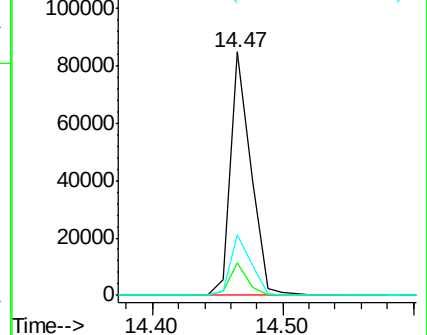
236 25.0 19.7 29.5



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: 73.94 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.11 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

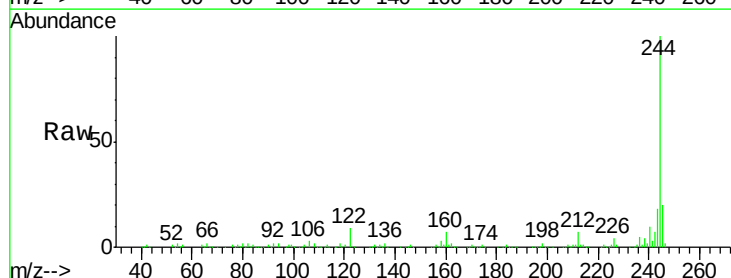
Tgt Ion:244 Resp: 312790

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

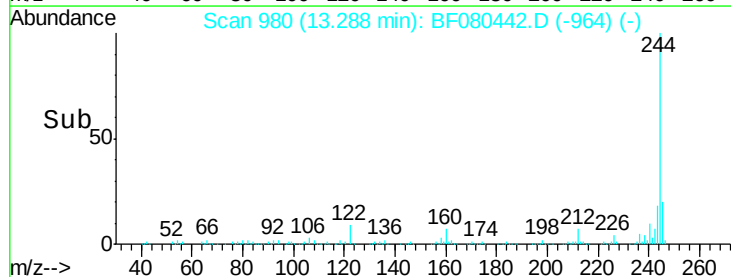
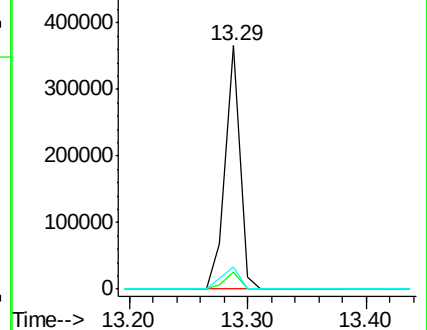
122 9.2 4.1 6.1#

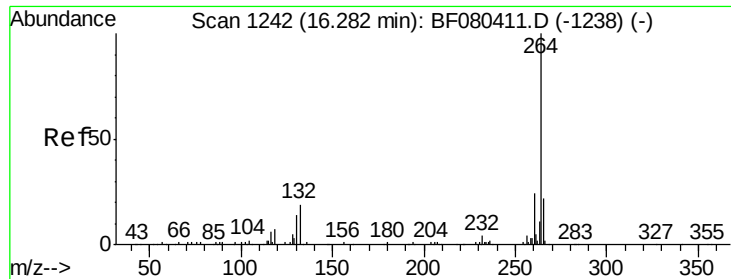


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.17 min Scan# 1232
Delta R.T. -0.42 min
Lab File: BF080442.D
Acq: 13 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW-40

Tgt Ion: 264 Resp: 99841
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 22.5 17.8 26.8

