

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080607.D
 Acq On : 23 Jul 2015 23:08
 Operator : TP/UM
 Sample : G3045-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Jul 24 01:02:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 01:01:51 2015
 Response via : Initial Calibration

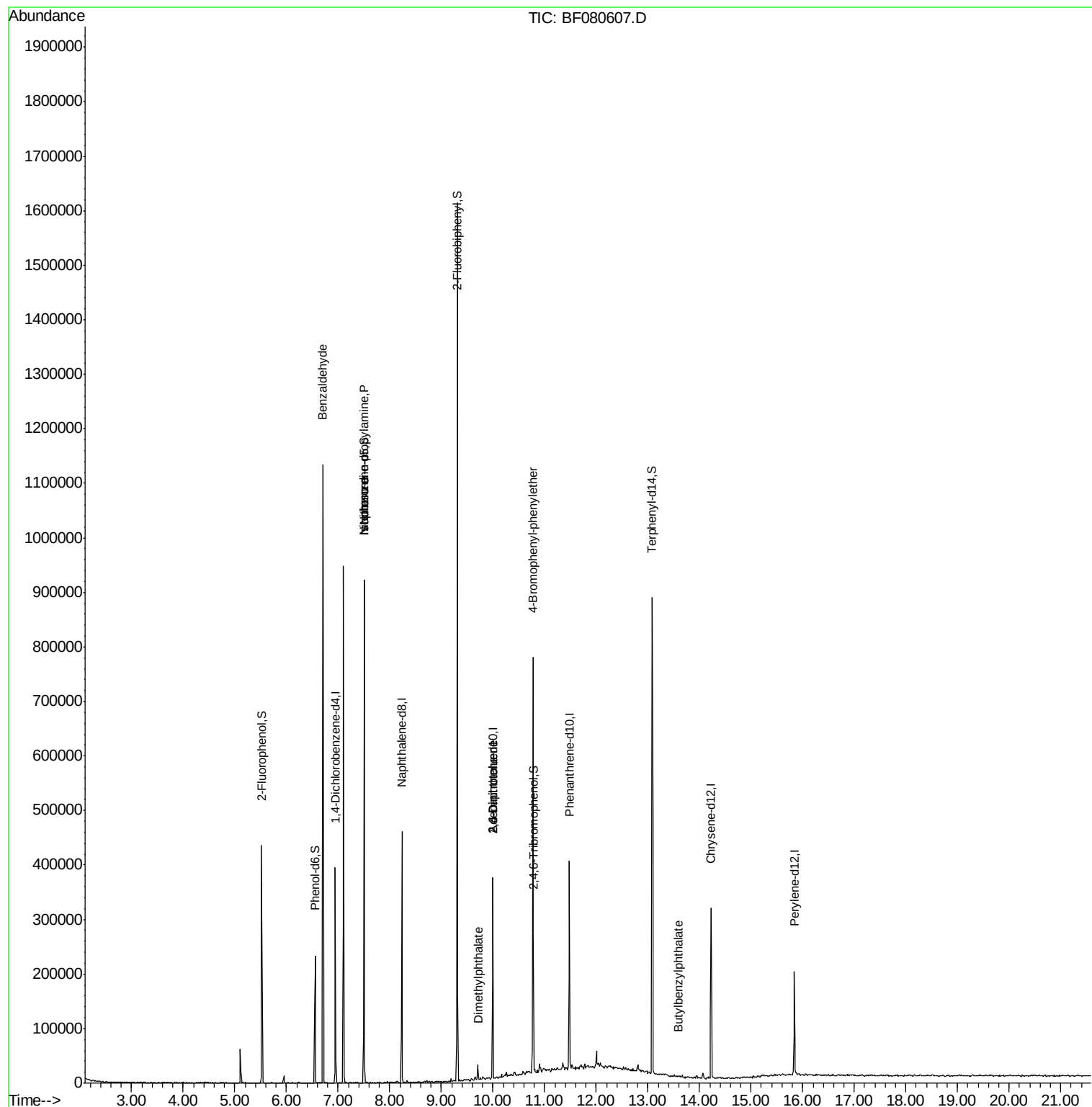
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	48482	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	177304	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	76643	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	146273	20.00	ng	0.00
75) Chrysene-d12	14.23	240	117843	20.00	ng	0.05
86) Perylene-d12	15.84	264	88802	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	115477	41.14	ng	0.00
7) Phenol-d6	6.56	99	83335	24.29	ng	0.00
23) Nitrobenzene-d5	7.50	82	224757	71.82	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	71119	117.11	ng	0.01
44) 2-Fluorobiphenyl	9.31	172	397020	75.16	ng	0.00
78) Terphenyl-d14	13.08	244	304061	53.99	ng	0.01
Target Compounds						
9) Benzaldehyde	6.70	77	6723	2.65	ng	# 76
19) n-Nitroso-di-n-propylamine	7.50	70	32041	13.78	ng	# 77
25) Isophorone	7.50	82	207981	35.89	ng	# 66
49) Dimethylphthalate	9.71	163	14341	2.54	ng	# 97
50) 2,6-Dinitrotoluene	10.00	165	10059	9.54	ng	# 13
56) 2,4-Dinitrotoluene	10.00	165	10060	7.61	ng	# 10
66) 4-Bromophenyl-phenylether	10.77	248	5073	3.41	ng	# 1
79) Butylbenzylphthalate	13.60	149	713	5.53	ng	# 1

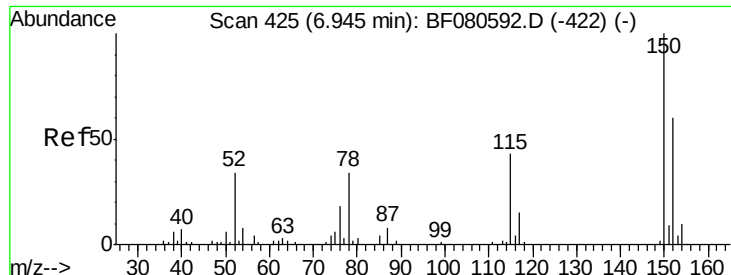
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

Instrument :

BNA_F

ClientSampleId :

DUP

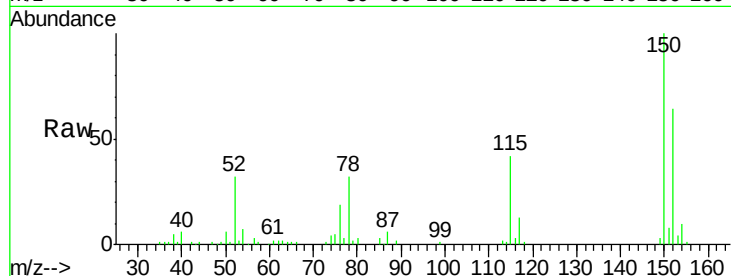
Tgt Ion:152 Resp: 48482

Ion Ratio Lower Upper

152 100

150 155.9 128.7 193.1

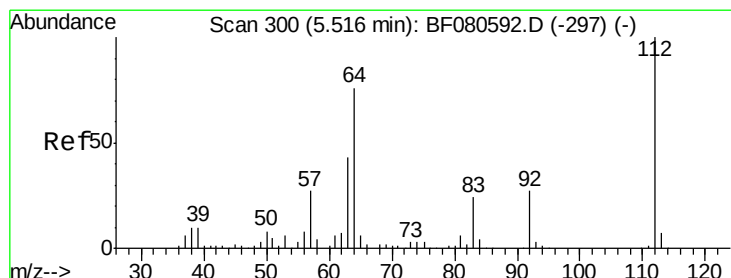
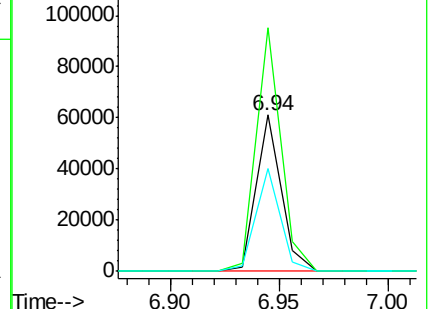
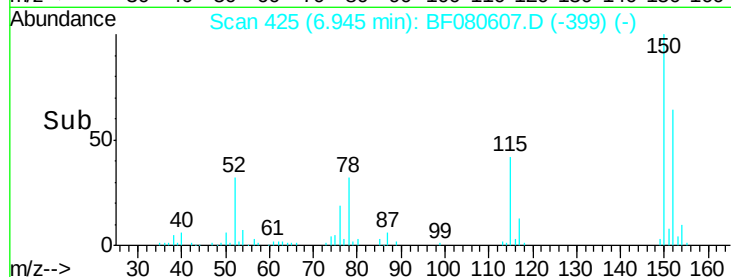
115 65.6 56.8 85.2



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: 41.14 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

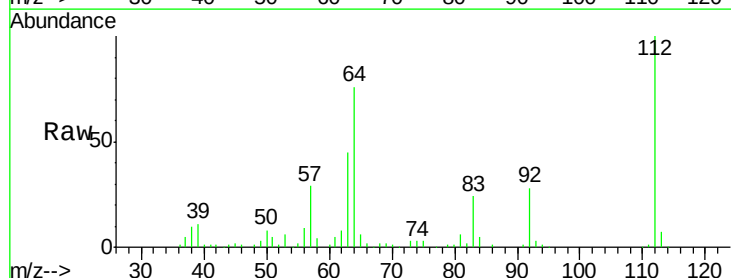
Tgt Ion:112 Resp: 115477

Ion Ratio Lower Upper

112 100

64 76.1 60.2 90.2

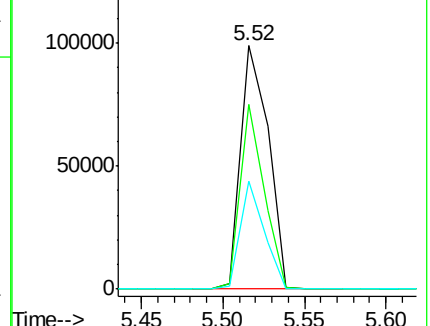
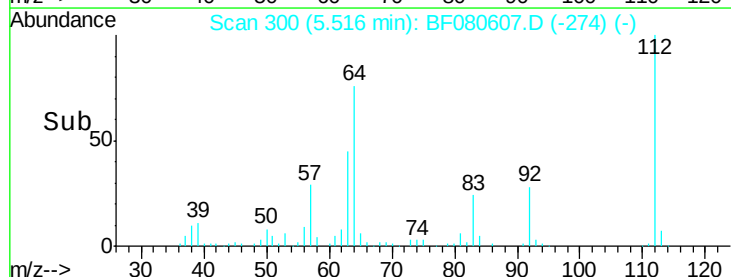
63 44.6 34.8 52.2

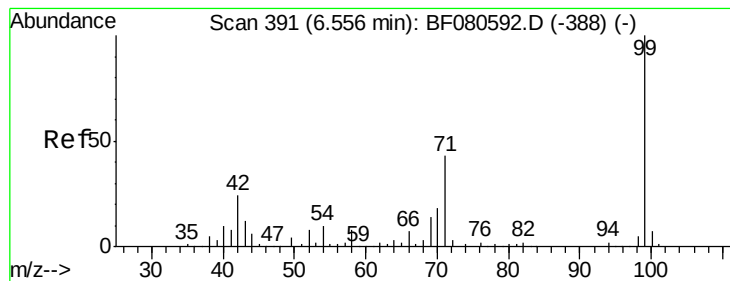


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.29 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

Instrument :

BNA_F

ClientSampleId :

DUP

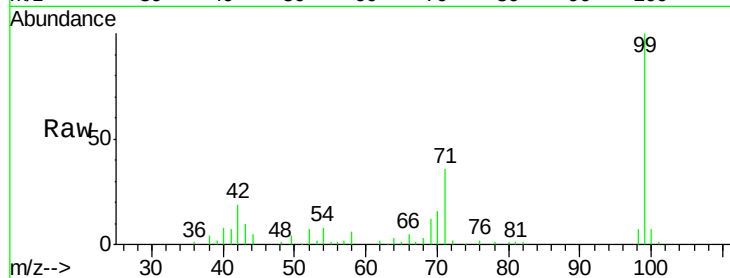
Tgt Ion: 99 Resp: 83335

Ion Ratio Lower Upper

99 100

42 19.5 17.4 26.2

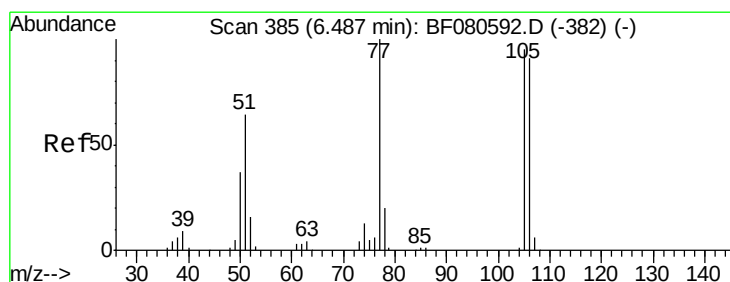
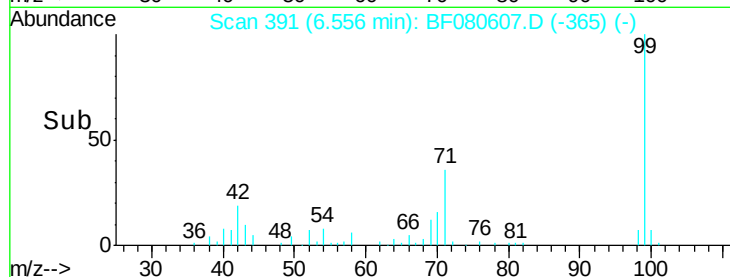
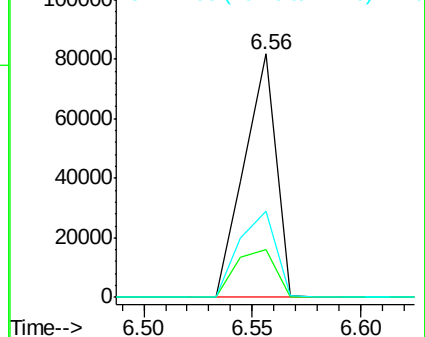
71 35.6 29.0 43.6



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: 2.65 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

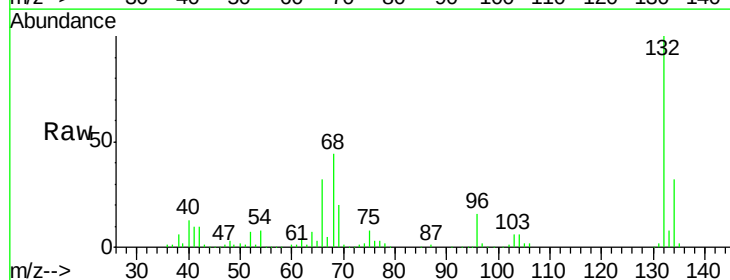
Tgt Ion: 77 Resp: 6723

Ion Ratio Lower Upper

77 100

105 69.7 72.3 112.3#

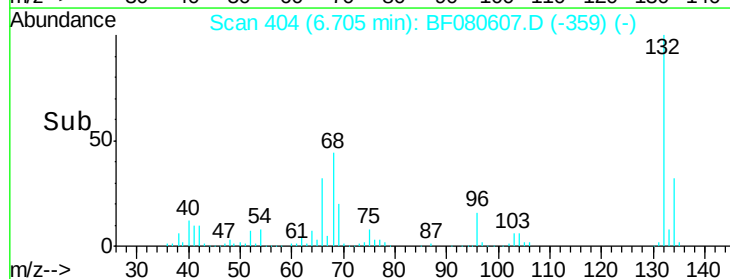
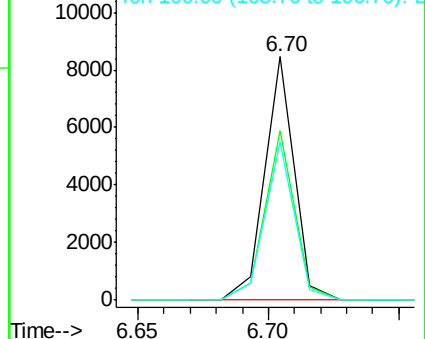
106 65.0 67.5 107.5#

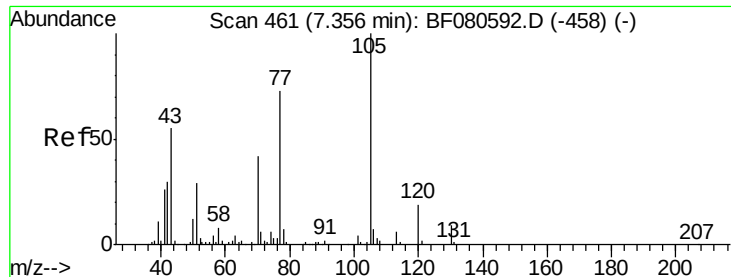


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

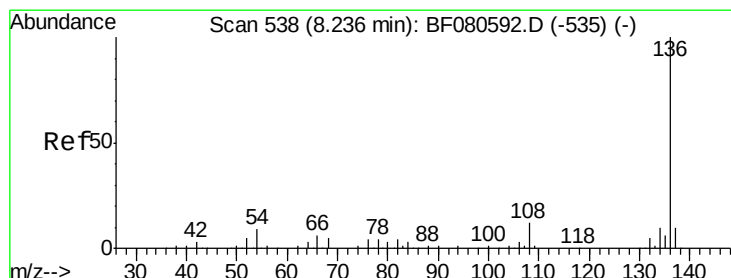
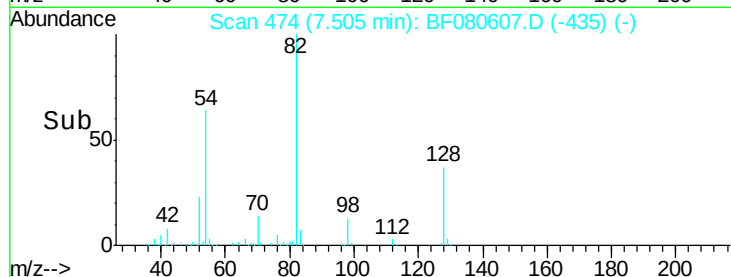
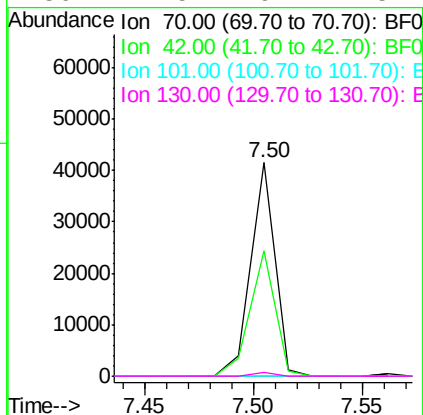
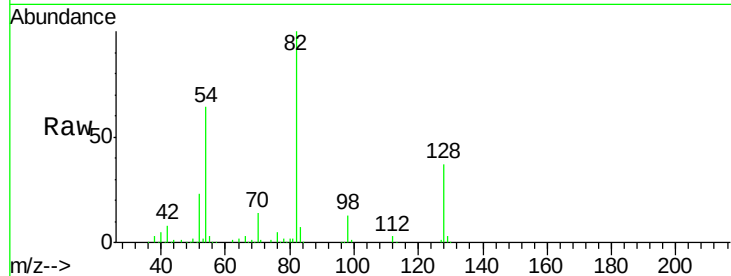




#19
n-Nitroso-di-n-propylamine
Concen: 13.78 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.15 min
Lab File: BF080607.D
Acq: 23 Jul 2015 23:08

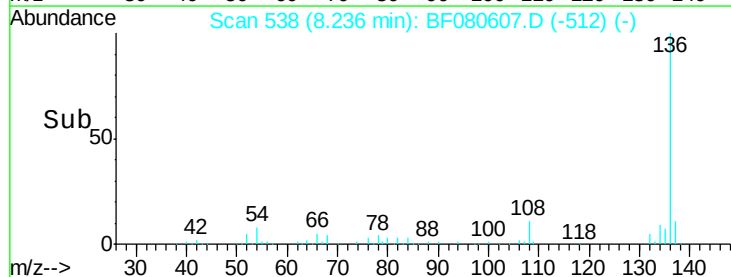
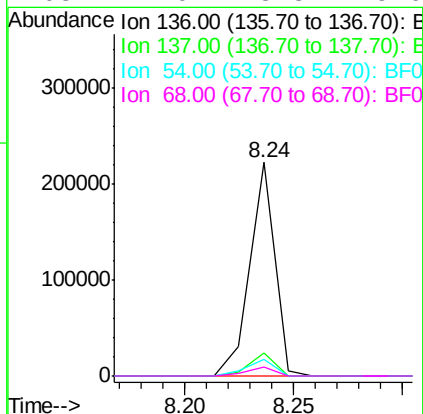
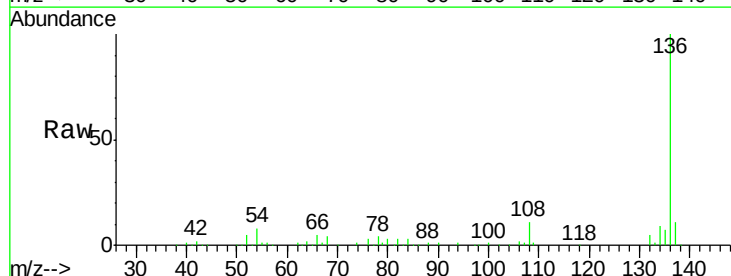
Instrument :
BNA_F
ClientSampleId :
DUP

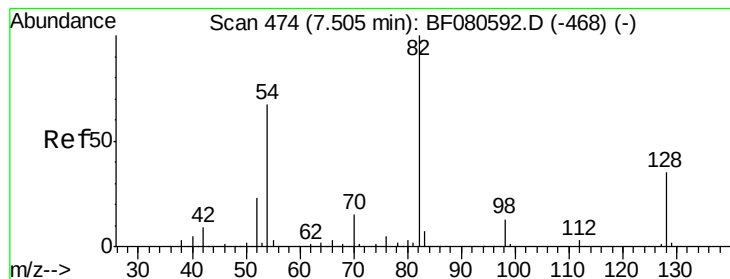
Tgt Ion: 70 Resp: 32041
Ion Ratio Lower Upper
70 100
42 58.6 56.6 85.0
101 0.0 9.7 14.5#
130 1.5 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080607.D
Acq: 23 Jul 2015 23:08

Tgt Ion: 136 Resp: 177304
Ion Ratio Lower Upper
136 100
137 10.5 7.8 11.8
54 8.0 7.2 10.8
68 4.0 3.8 5.6





#23

Nitrobenzene-d5

Concen: 71.82 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

Instrument :

BNA_F

ClientSampleId :

DUP

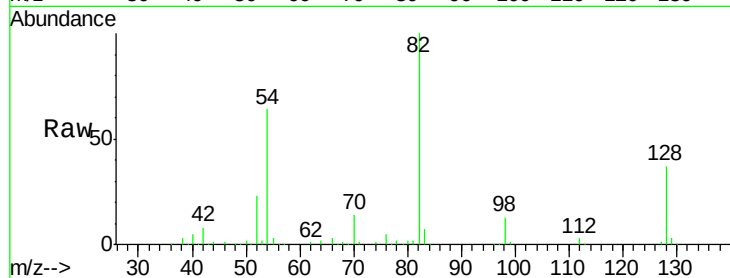
Tgt Ion: 82 Resp: 224757

Ion Ratio Lower Upper

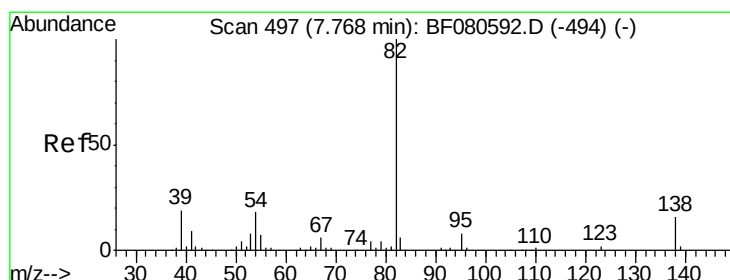
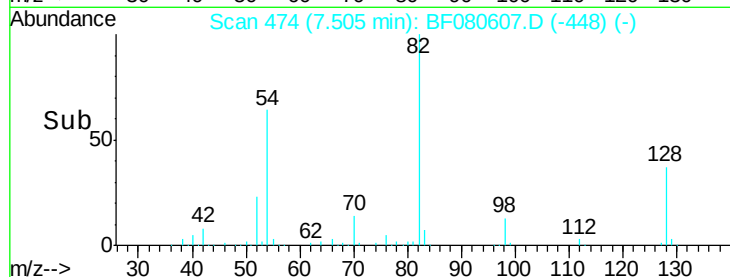
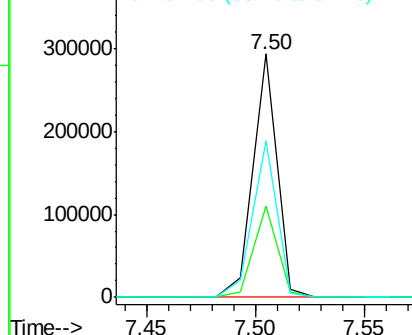
82 100

128 37.3 28.9 43.3

54 64.4 54.5 81.7



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: 35.89 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.26 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

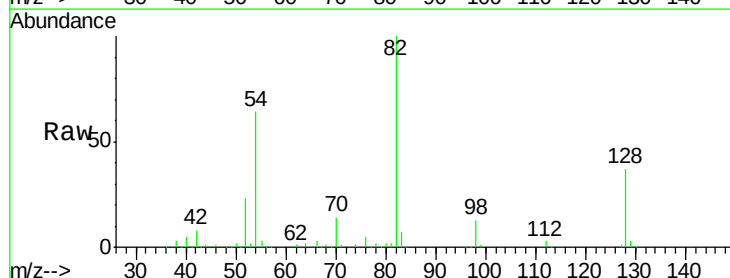
Tgt Ion: 82 Resp: 207981

Ion Ratio Lower Upper

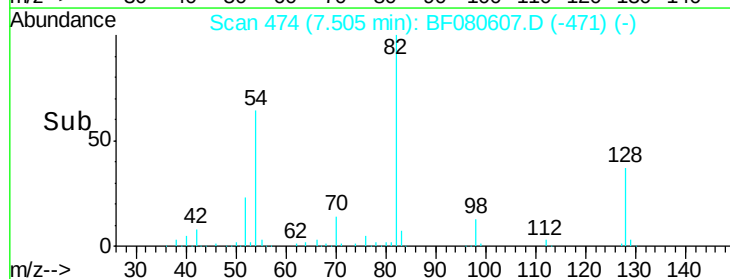
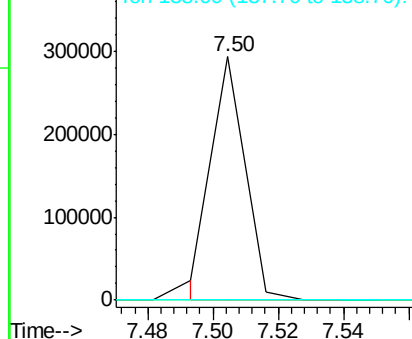
82 100

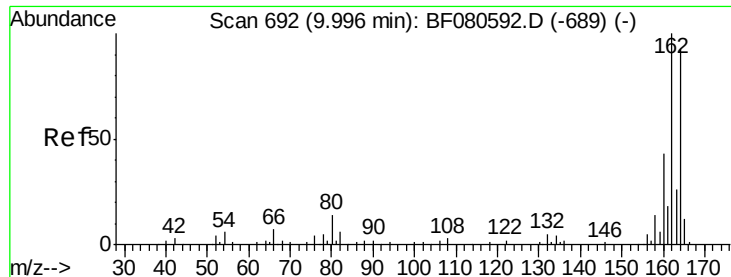
95 0.0 5.9 8.9#

138 0.0 13.4 20.2#



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: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

Instrument :

BNA_F

ClientSampleId :

DUP

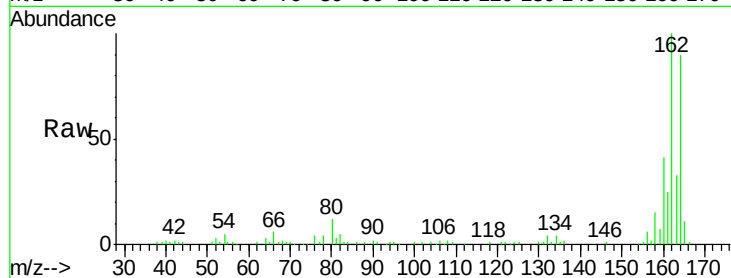
Tgt Ion:164 Resp: 76643

Ion Ratio Lower Upper

164 100

162 111.6 82.2 123.4

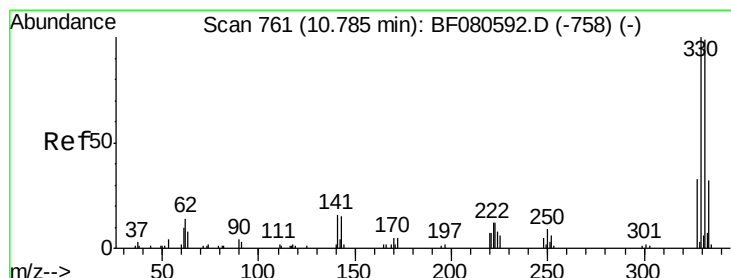
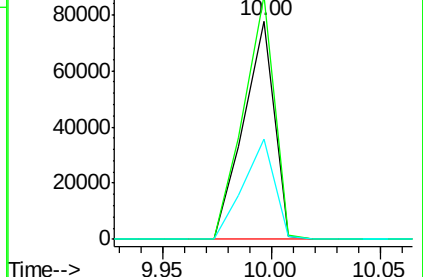
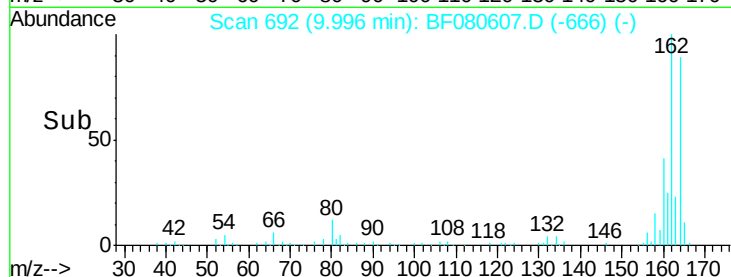
160 45.8 36.1 54.1



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: 117.11 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

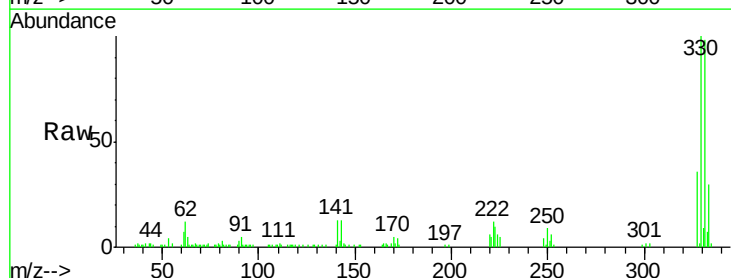
Tgt Ion:330 Resp: 71119

Ion Ratio Lower Upper

330 100

332 97.0 78.3 117.5

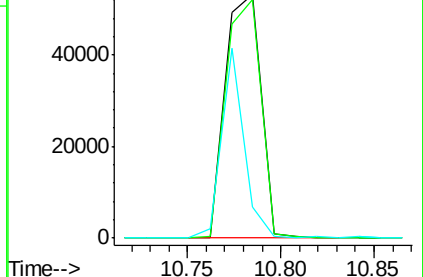
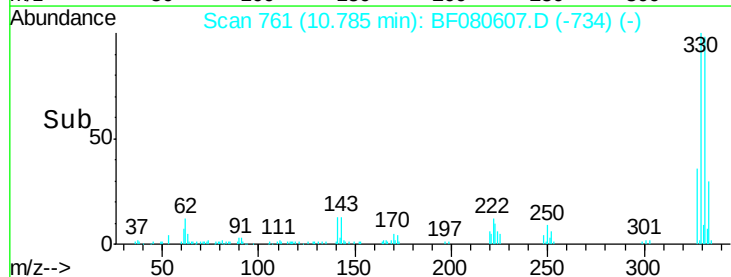
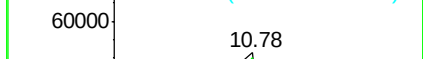
141 48.8 37.9 56.9

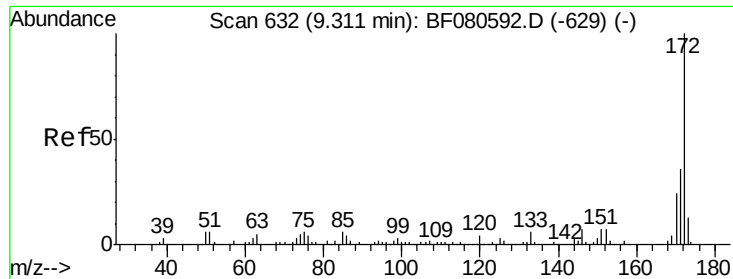


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

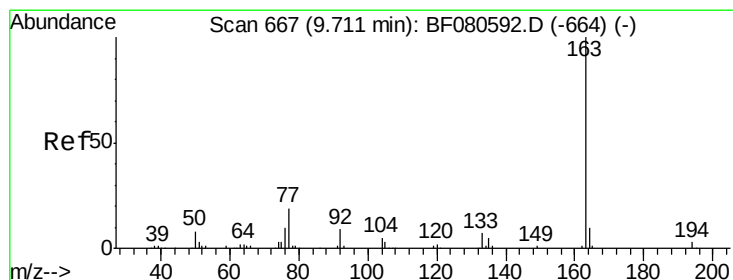
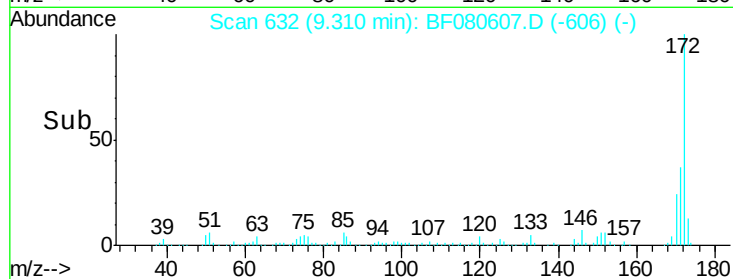
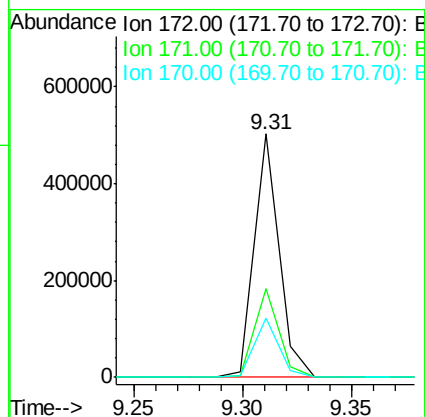
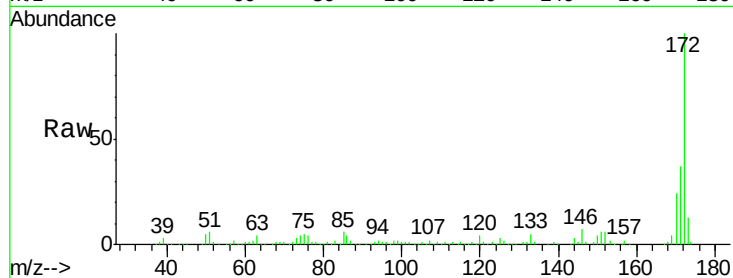




#44
2-Fluorobiphenyl
Concen: 75.16 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF080607.D
Acq: 23 Jul 2015 23:08

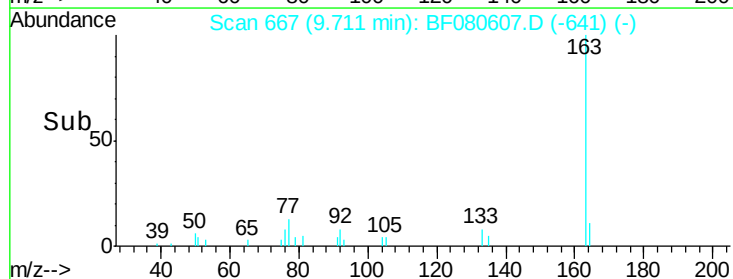
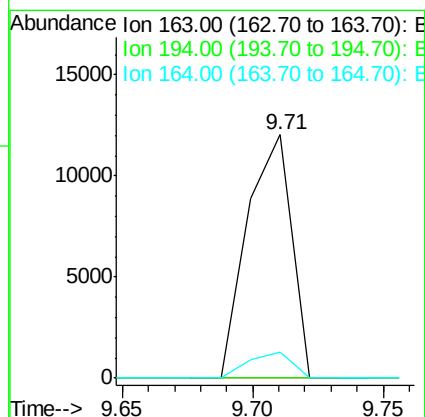
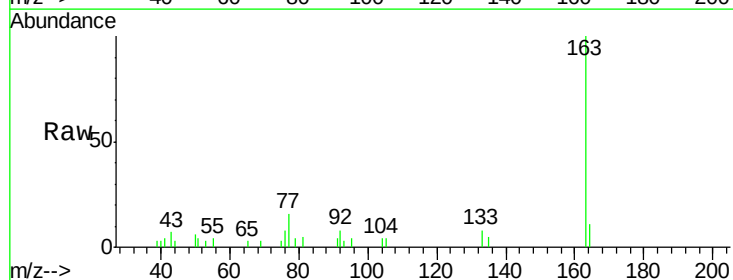
Instrument :
BNA_F
ClientSampleId :
DUP

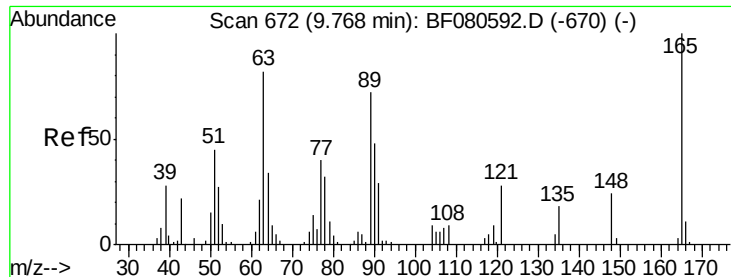
Tgt Ion:172 Resp: 397020
Ion Ratio Lower Upper
172 100
171 36.6 27.7 41.5
170 24.5 19.1 28.7



#49
Dimethylphthalate
Concen: 2.54 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080607.D
Acq: 23 Jul 2015 23:08

Tgt Ion:163 Resp: 14341
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 10.6 8.1 12.1

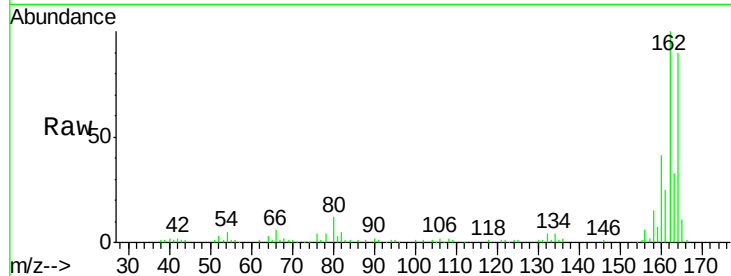




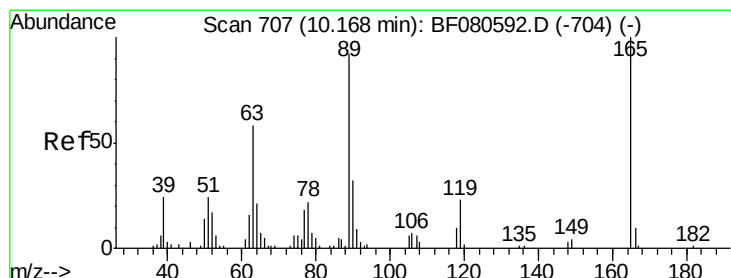
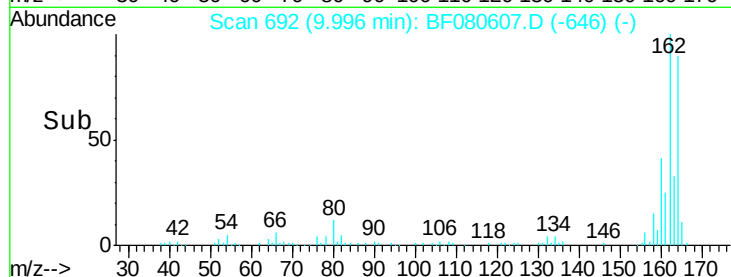
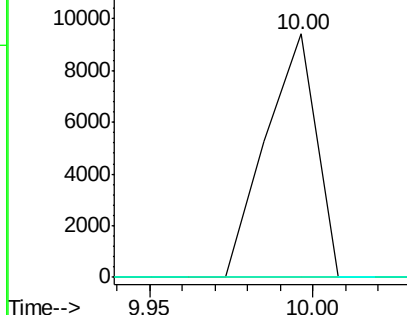
#50
 2,6-Dinitrotoluene
 Concen: 9.54 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.23 min
 Lab File: BF080607.D
 Acq: 23 Jul 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tgt Ion:165 Resp: 10059
 Ion Ratio Lower Upper
 165 100
 63 0.0 59.0 88.6#
 89 0.0 56.9 85.3#

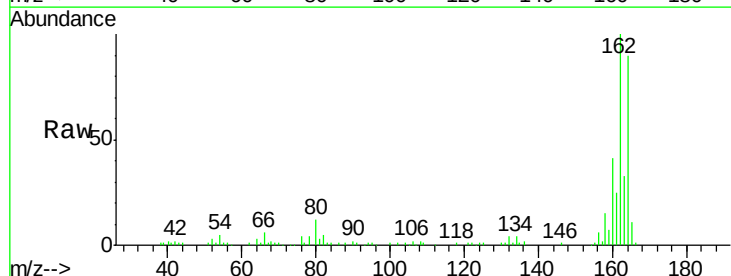


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

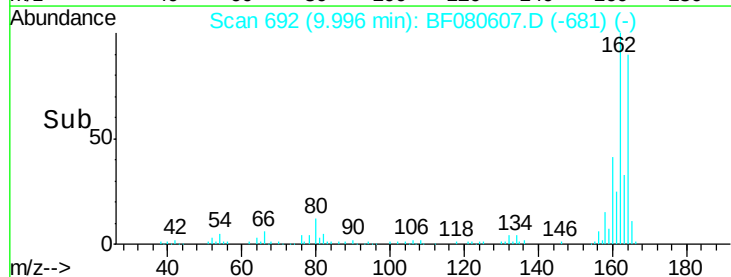
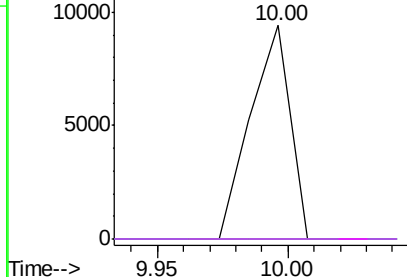


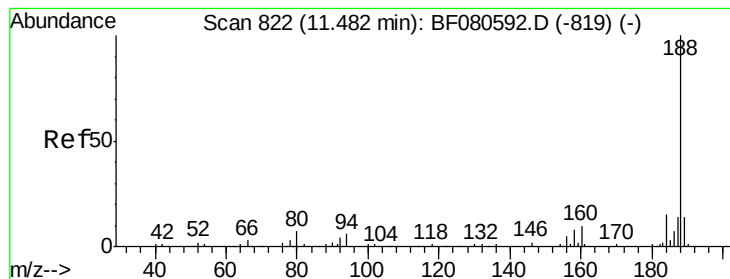
#56
 2,4-Dinitrotoluene
 Concen: 7.61 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.17 min
 Lab File: BF080607.D
 Acq: 23 Jul 2015 23:08

Tgt Ion:165 Resp: 10060
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.1 72.1#
 89 0.0 77.4 116.0#
 182 0.0 1.3 1.9#



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: 11.48 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

Instrument :

BNA_F

ClientSampleId :

DUP

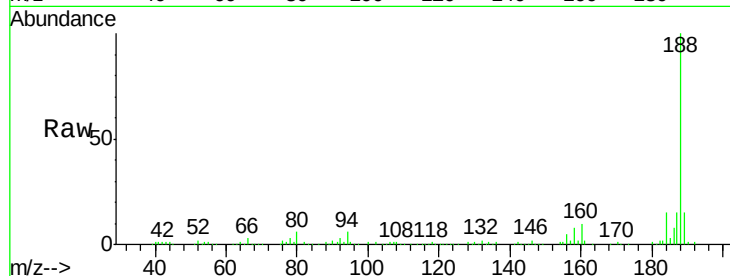
Tgt Ion:188 Resp: 146273

Ion Ratio Lower Upper

188 100

94 5.6 6.1 9.1#

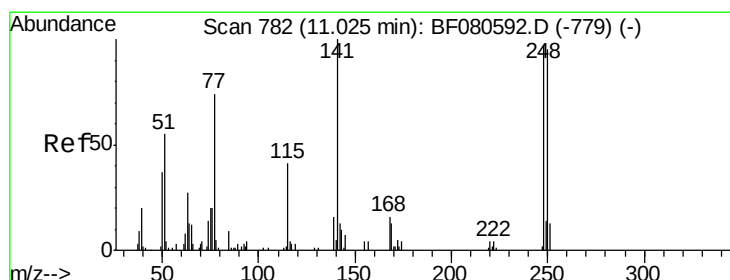
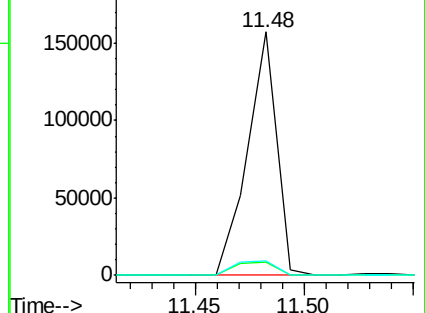
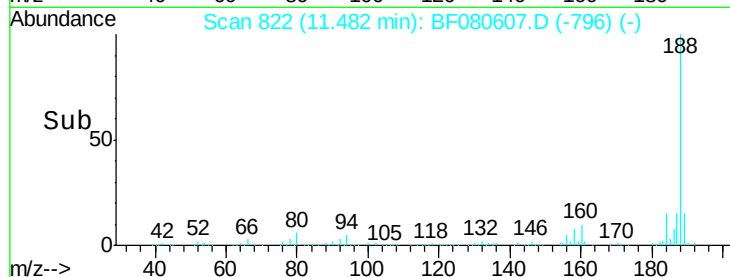
80 5.9 7.0 10.6#



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: 3.41 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.25 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

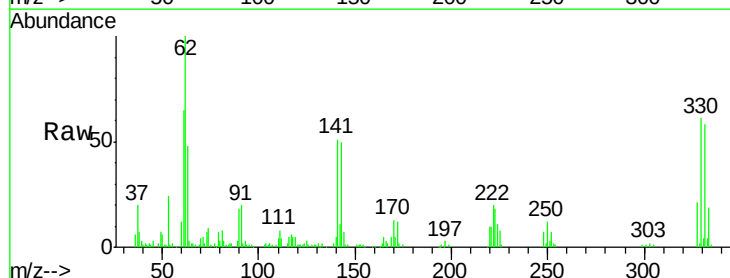
Tgt Ion:248 Resp: 5073

Ion Ratio Lower Upper

248 100

250 180.4 75.4 113.2#

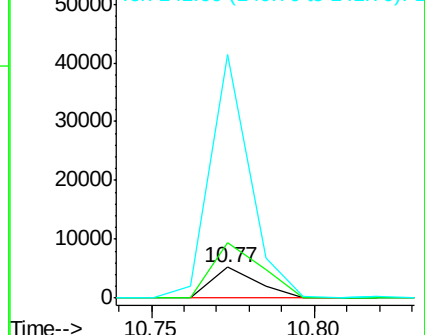
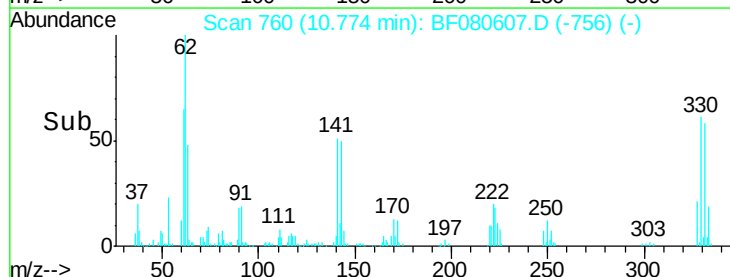
141 784.8 93.4 140.0#

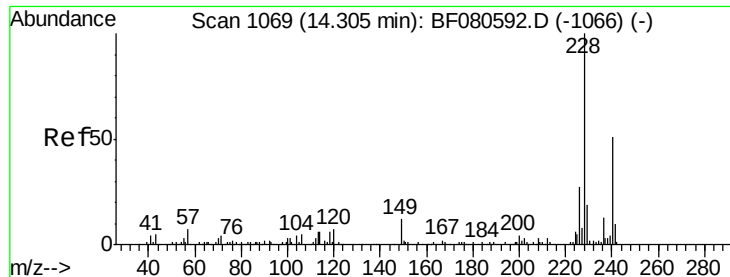


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.23 min Scan# 1062

Delta R.T. 0.05 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

Instrument :

BNA_F

ClientSampleId :

DUP

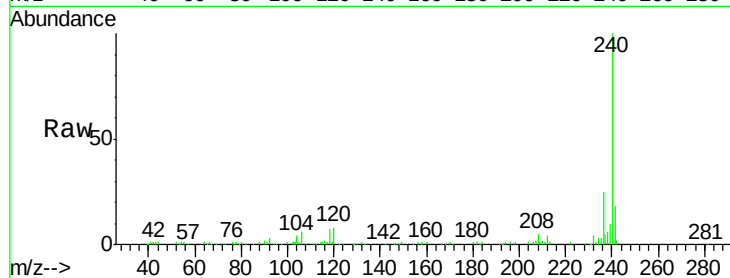
Tgt Ion:240 Resp: 117843

Ion Ratio Lower Upper

240 100

120 7.9 9.9 14.9#

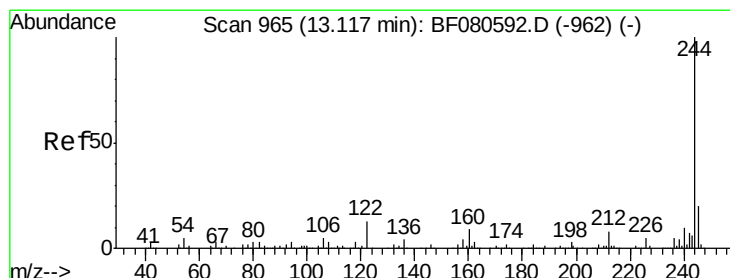
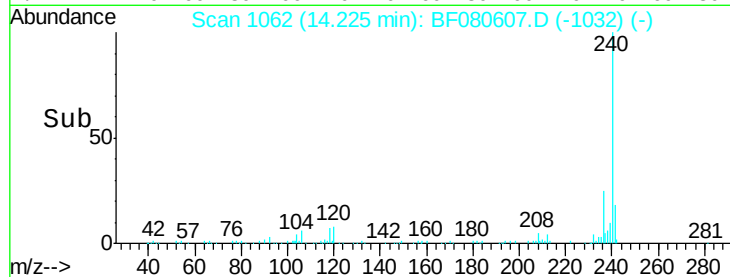
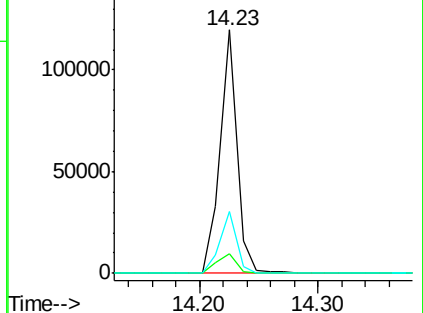
236 25.3 19.1 28.7



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: 53.99 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF080607.D

Acq: 23 Jul 2015 23:08

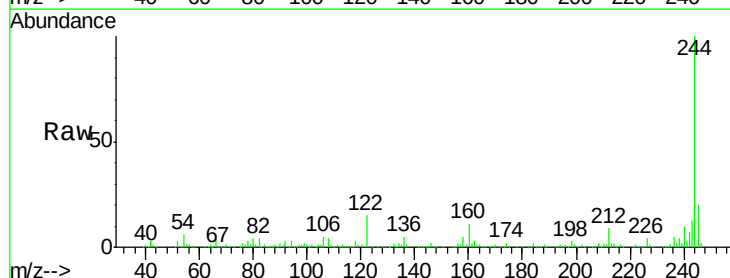
Tgt Ion:244 Resp: 304061

Ion Ratio Lower Upper

244 100

212 8.8 6.0 9.0

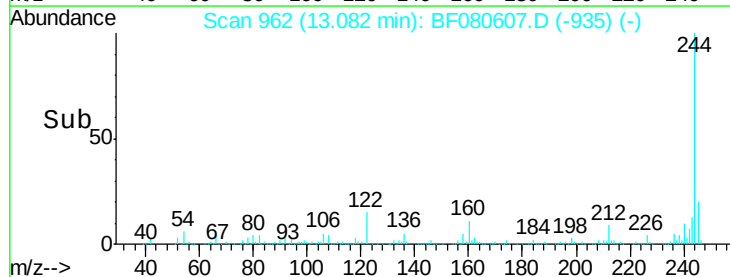
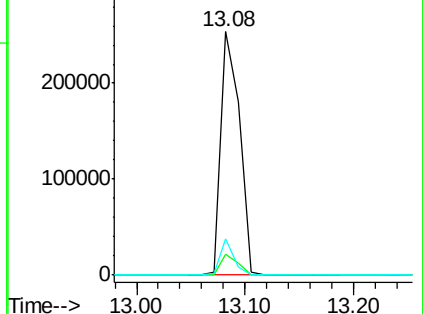
122 14.8 8.2 12.2#

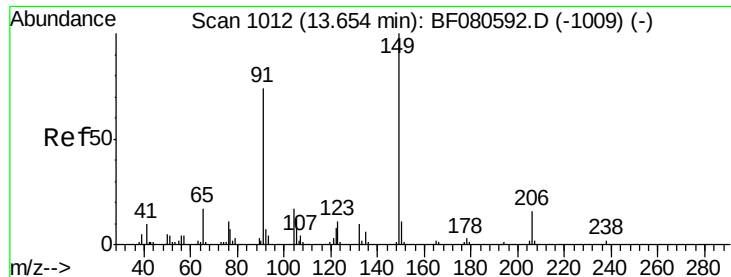


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

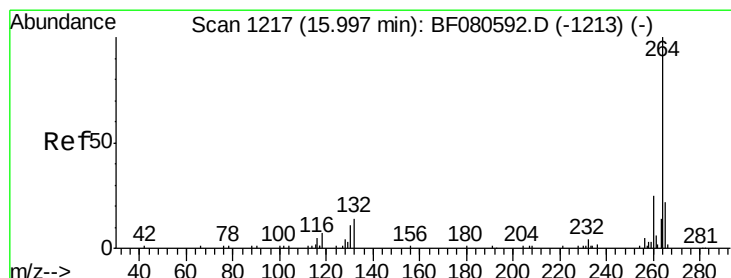
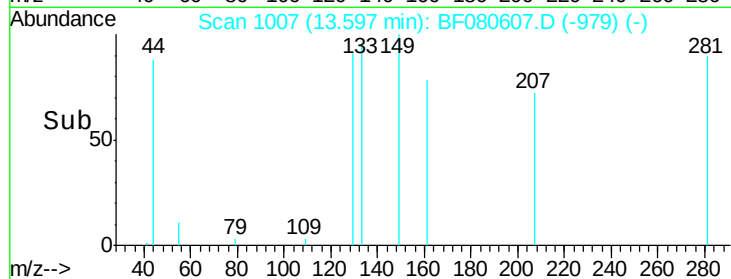
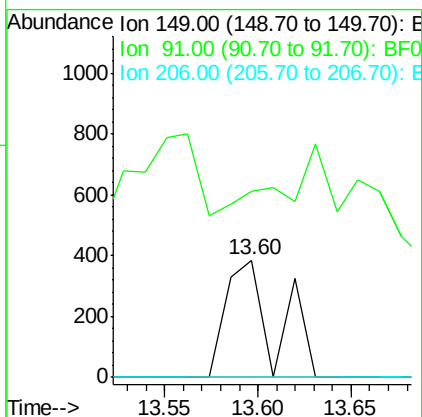
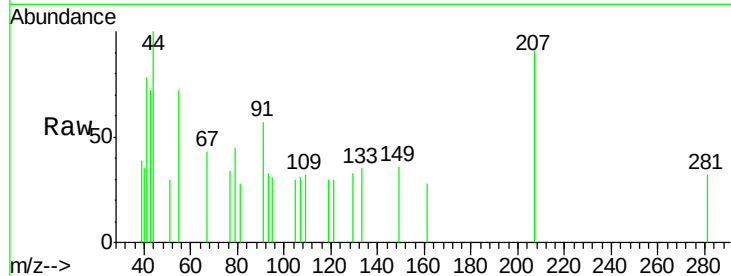




#79
 Butylbenzylphthalate
 Concen: 5.53 ng
 RT: 13.60 min Scan# 1007
 Delta R.T. 0.02 min
 Lab File: BF080607.D
 Acq: 23 Jul 2015 23:08

Instrument :
 BNA_F
 ClientSampled :
 DUP

Tgt Ion: 149 Resp: 713
 Ion Ratio Lower Upper
 149 100
 91 158.4 53.0 79.6#
 206 0.0 15.0 22.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.84 min Scan# 1203
 Delta R.T. 0.09 min
 Lab File: BF080607.D
 Acq: 23 Jul 2015 23:08

Tgt Ion: 264 Resp: 88802
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.8
 265 19.0 15.6 23.4

