

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080606.D
 Acq On : 23 Jul 2015 22:39
 Operator : TP/UM
 Sample : G3028-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW33D

Quant Time: Jul 24 01:02:43 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

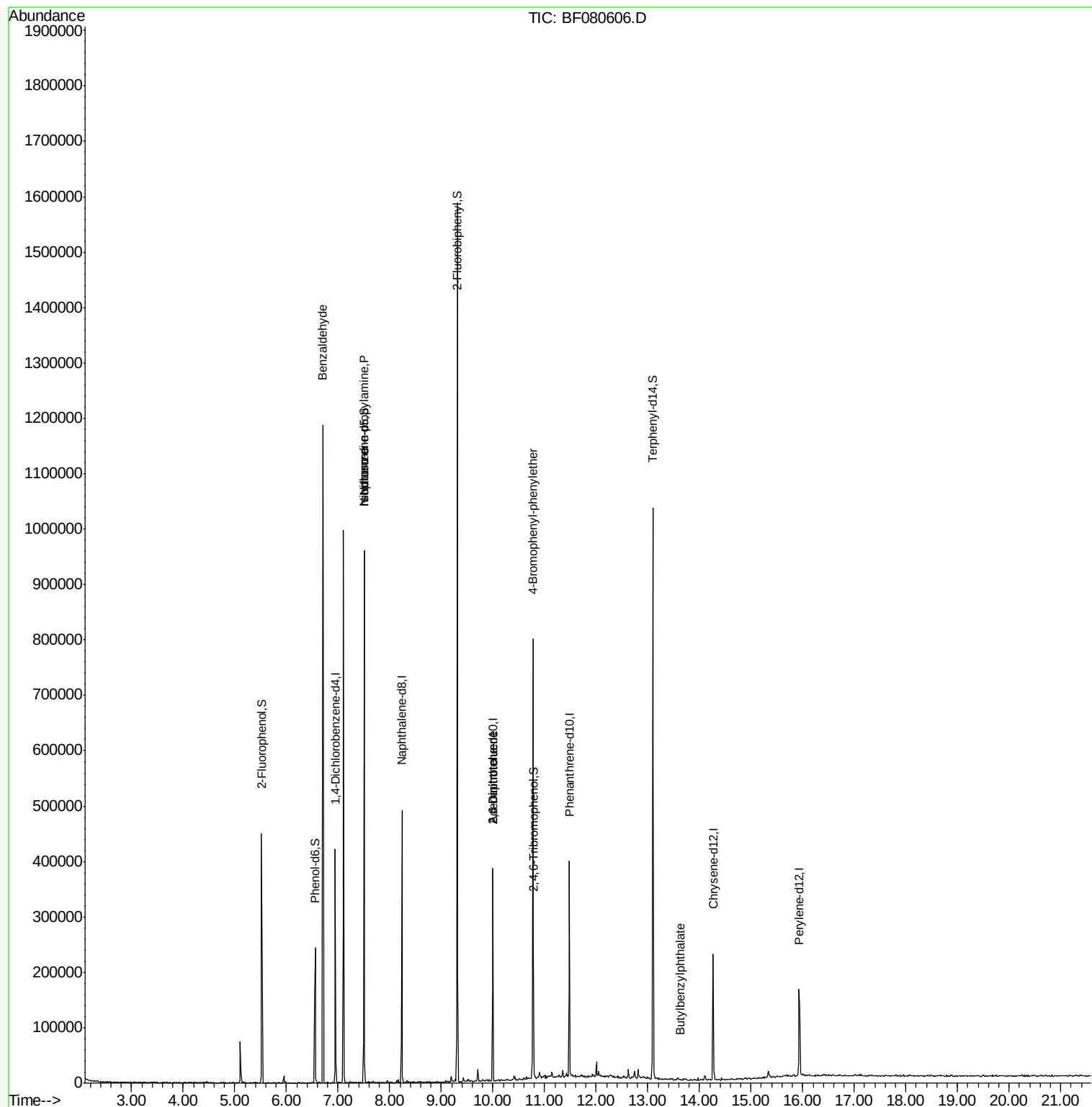
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	49384	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	187394	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	79027	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	149835	20.00	ng	0.00
75) Chrysene-d12	14.27	240	116510	20.00	ng	0.09
86) Perylene-d12	15.93	264	89184	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	120636	42.19	ng	0.00
7) Phenol-d6	6.56	99	89368	25.57	ng	0.00
23) Nitrobenzene-d5	7.50	82	234901	71.02	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	72783	116.23	ng	0.01
44) 2-Fluorobiphenyl	9.31	172	397143	72.91	ng	0.00
78) Terphenyl-d14	13.09	244	366931	65.90	ng	0.02
Target Compounds						
9) Benzaldehyde	6.70	77	6684	2.59	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.50	70	33135	13.99	ng	# 75
25) Isophorone	7.50	82	220096	35.93	ng	# 66
50) 2,6-Dinitrotoluene	10.00	165	10401	9.56	ng	# 16
56) 2,4-Dinitrotoluene	10.00	165	10398	7.63	ng	# 12
66) 4-Bromophenyl-phenylether	10.77	248	5011	3.29	ng	# 1
79) Butylbenzylphthalate	13.62	149	301	5.40	ng	# 30

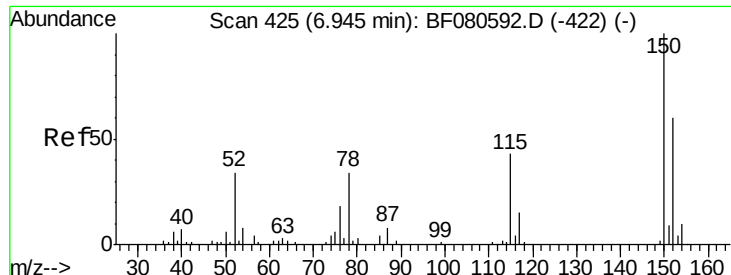
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 01:01:51 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080606.D

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BNA_F

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MW33D

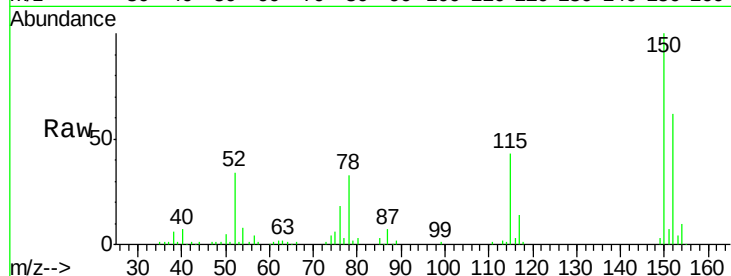
Tgt Ion:152 Resp: 49384

Ion Ratio Lower Upper

152 100

150 161.2 128.7 193.1

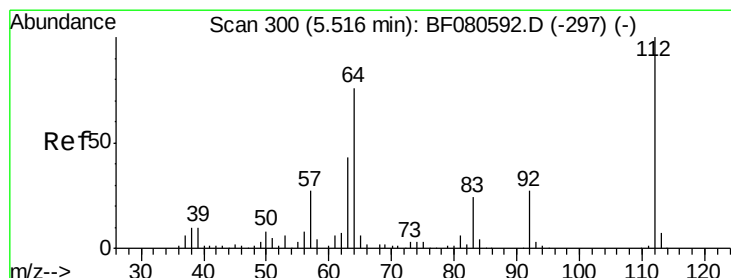
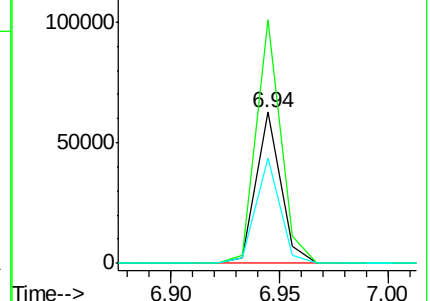
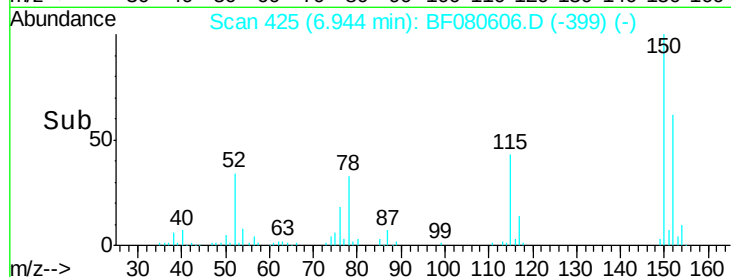
115 70.0 56.8 85.2



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: 42.19 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF080606.D

Acq: 23 Jul 2015 22:39

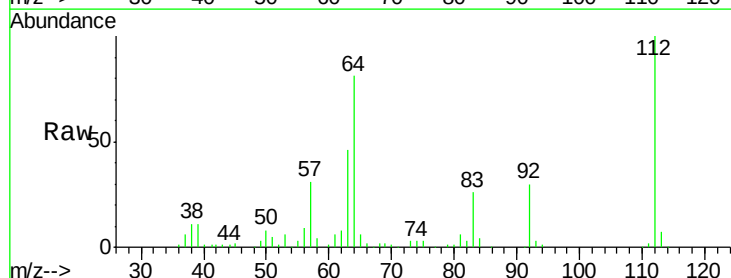
Tgt Ion:112 Resp: 120636

Ion Ratio Lower Upper

112 100

64 81.0 60.2 90.2

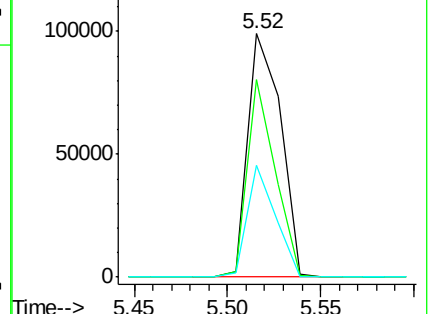
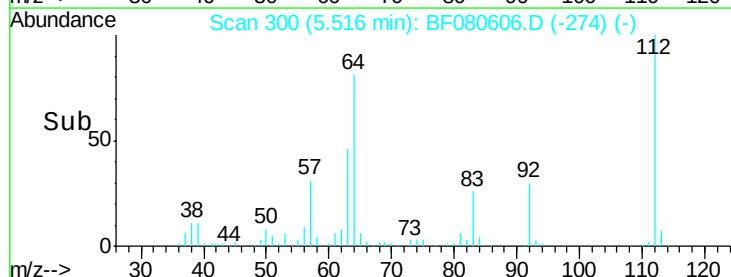
63 45.7 34.8 52.2

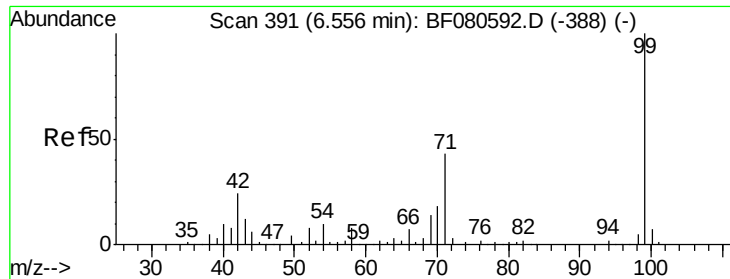


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.57 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF080606.D

Acq: 23 Jul 2015 22:39

Instrument :

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MW33D

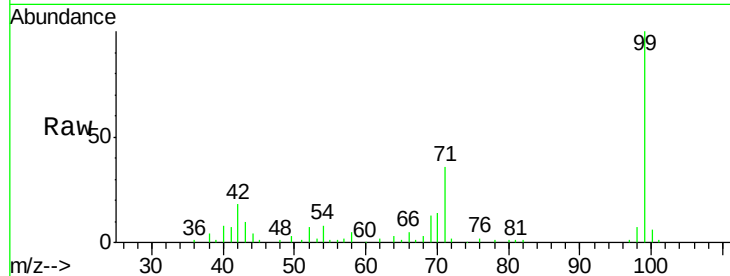
Tgt Ion: 99 Resp: 89368

Ion Ratio Lower Upper

99 100

42 18.3 17.4 26.2

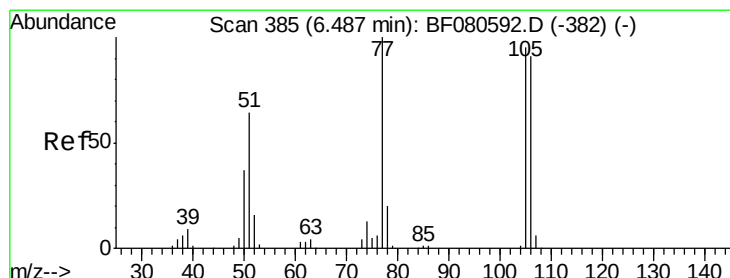
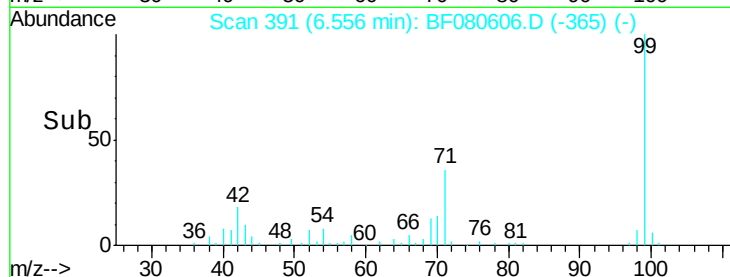
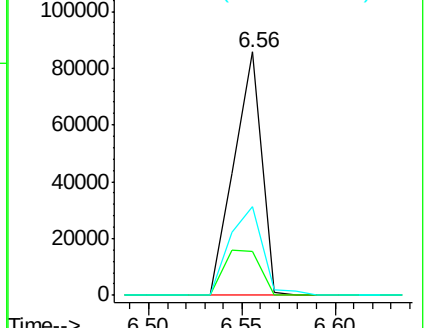
71 36.2 29.0 43.6



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: 2.59 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF080606.D

Acq: 23 Jul 2015 22:39

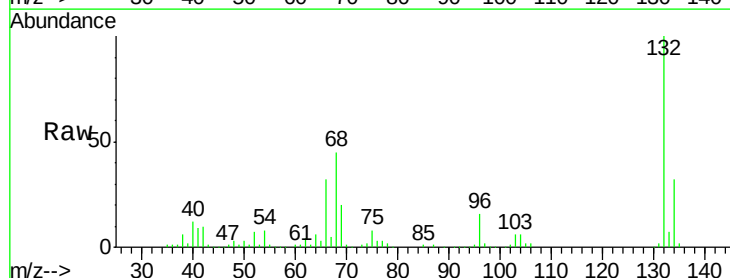
Tgt Ion: 77 Resp: 6684

Ion Ratio Lower Upper

77 100

105 82.6 72.3 112.3

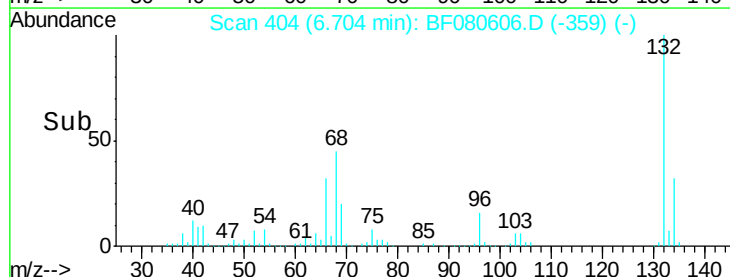
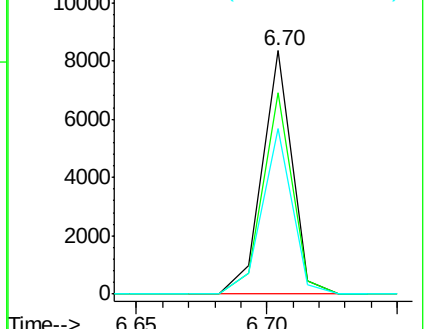
106 67.7 67.5 107.5

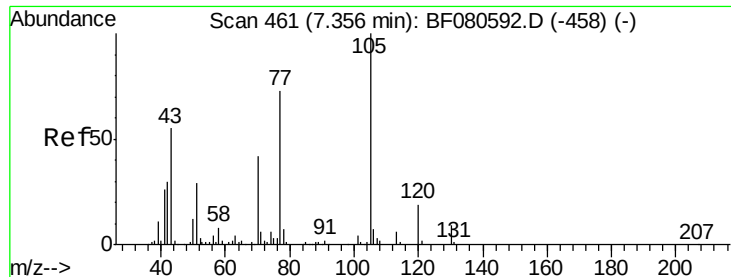


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

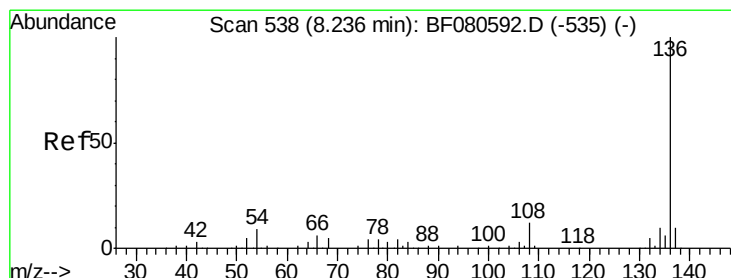
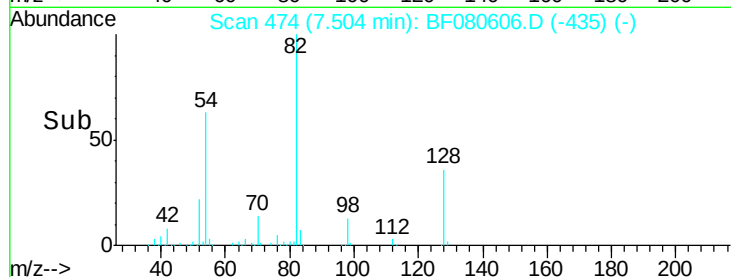
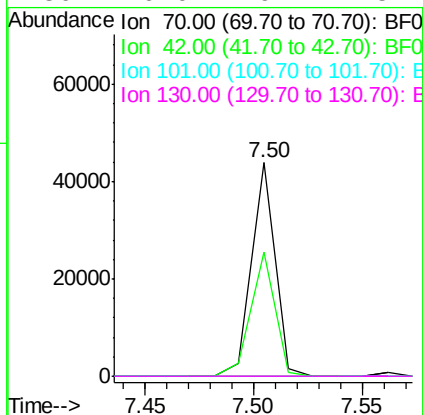
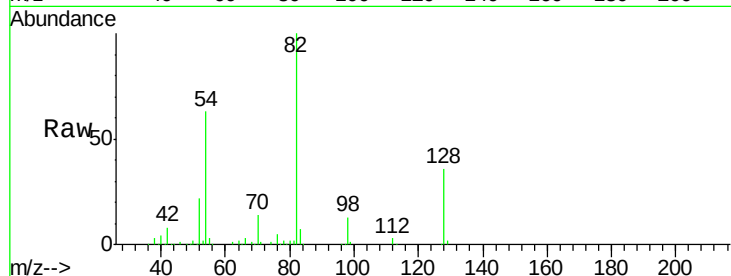




#19
n-Nitroso-di-n-propylamine
Concen: 13.99 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.15 min
Lab File: BF080606.D
Acq: 23 Jul 2015 22:39

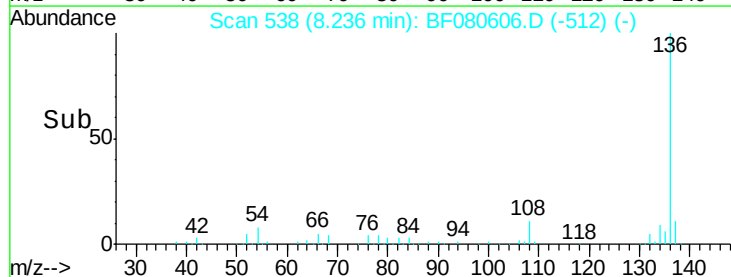
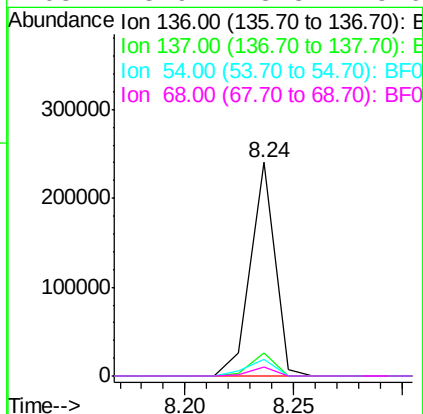
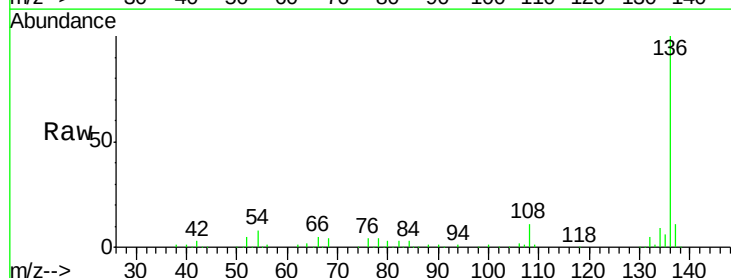
Instrument :
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MW33D

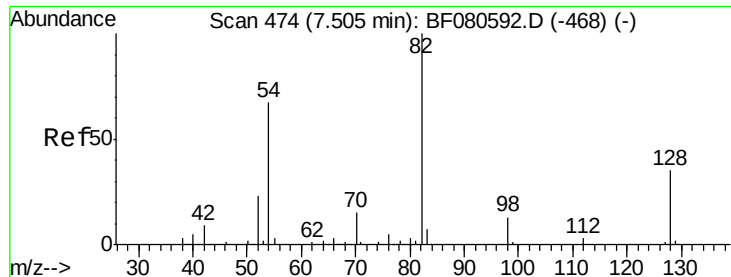
Tgt Ion: 70 Resp: 33135
Ion Ratio Lower Upper
70 100
42 57.9 56.6 85.0
101 0.0 9.7 14.5#
130 0.0 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080606.D
Acq: 23 Jul 2015 22:39

Tgt Ion: 136 Resp: 187394
Ion Ratio Lower Upper
136 100
137 11.0 7.8 11.8
54 8.1 7.2 10.8
68 3.9 3.8 5.6





#23

Nitrobenzene-d5

Concen: 71.02 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF080606.D

Acq: 23 Jul 2015 22:39

Instrument :

BNA_F

ClientSampleId :

MW33D

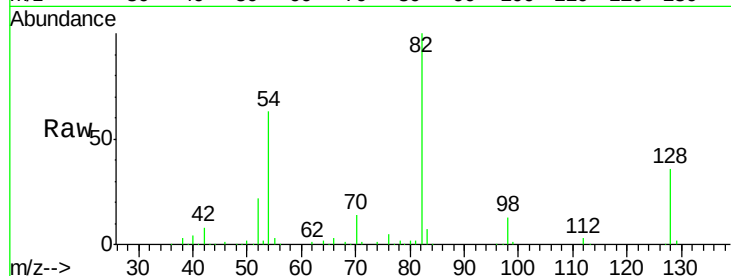
Tgt Ion: 82 Resp: 234901

Ion Ratio Lower Upper

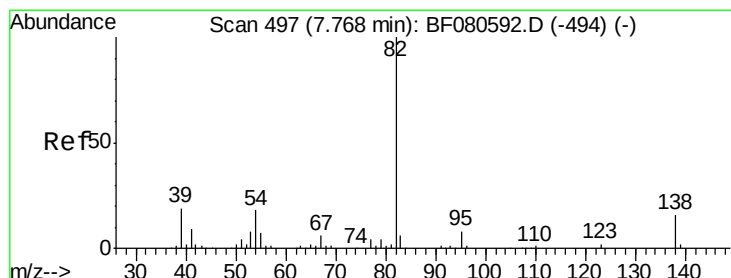
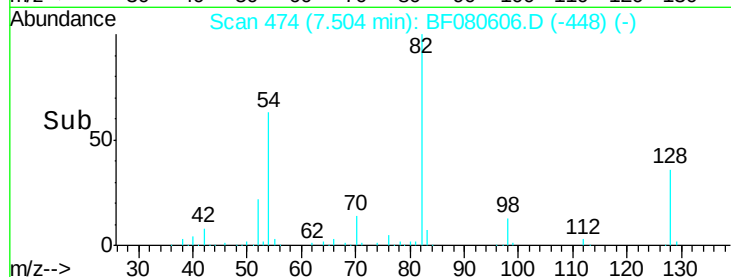
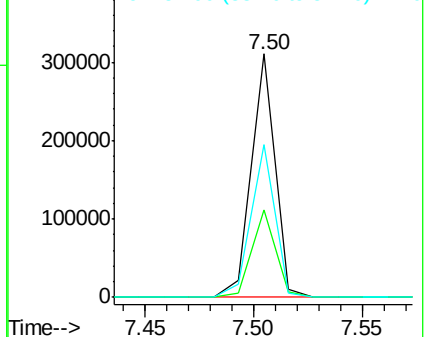
82 100

128 35.8 28.9 43.3

54 62.9 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: 35.93 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.26 min

Lab File: BF080606.D

Acq: 23 Jul 2015 22:39

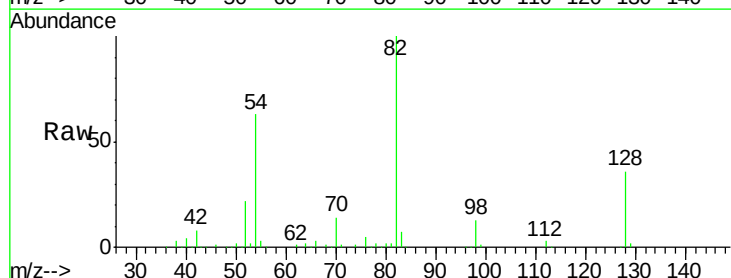
Tgt Ion: 82 Resp: 220096

Ion Ratio Lower Upper

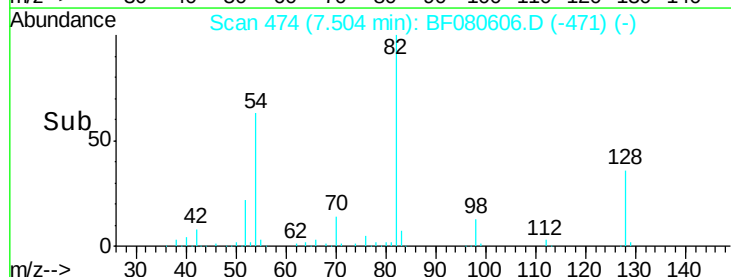
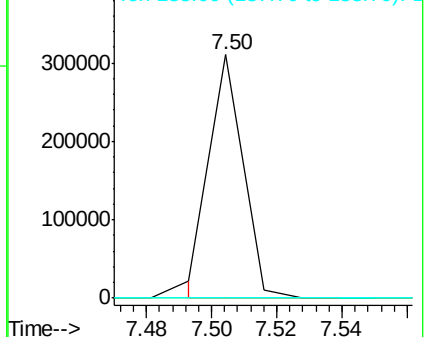
82 100

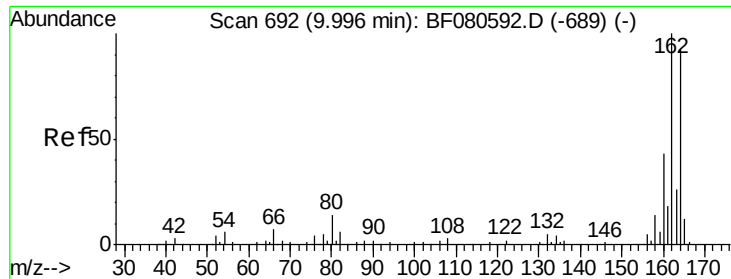
95 0.0 5.9 8.9#

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

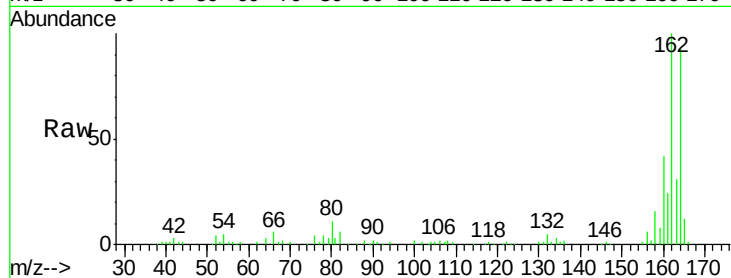




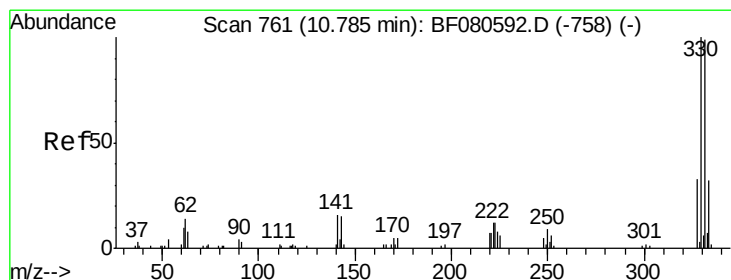
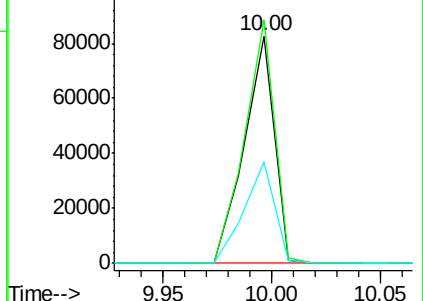
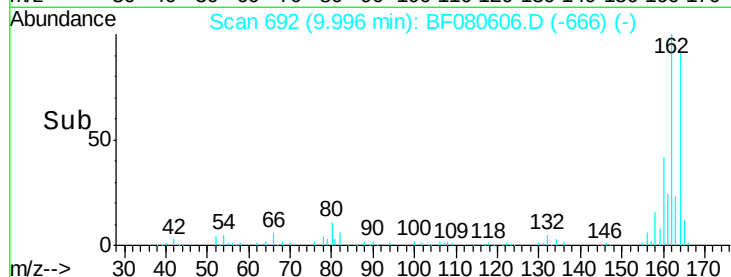
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF080606.D
 Acq: 23 Jul 2015 22:39

Instrument :
 BNA_F
 ClientSampleId :
 MW33D

Tgt Ion:164 Resp: 79027
 Ion Ratio Lower Upper
 164 100
 162 107.1 82.2 123.4
 160 44.7 36.1 54.1

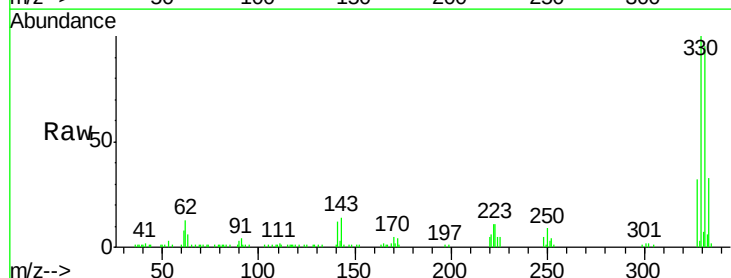


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

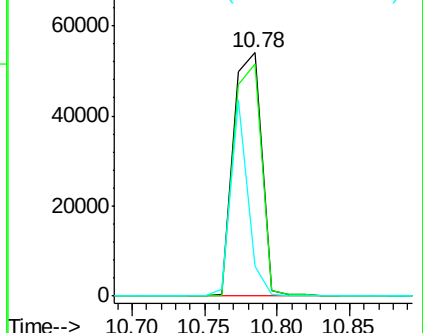
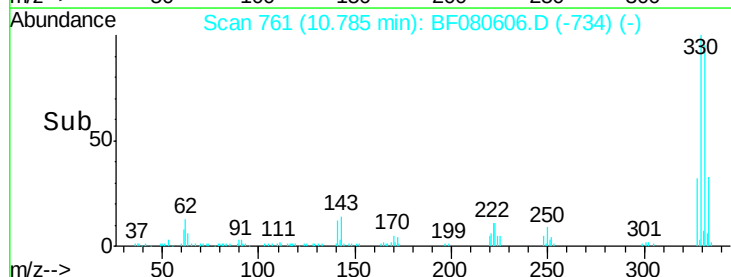


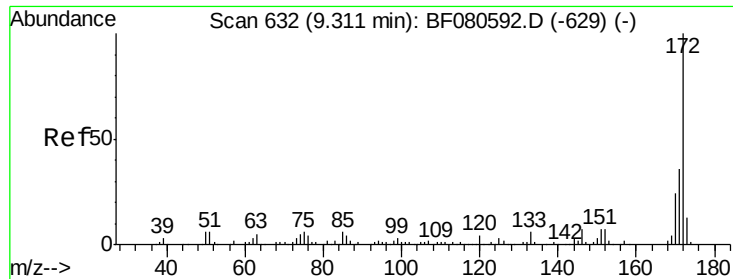
#41
 2,4,6-Tribromophenol
 Concen: 116.23 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF080606.D
 Acq: 23 Jul 2015 22:39

Tgt Ion:330 Resp: 72783
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.3 117.5
 141 49.3 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

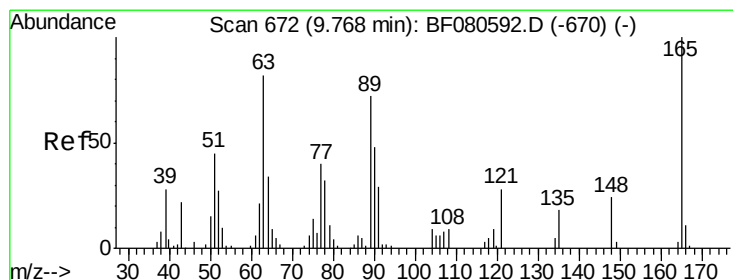
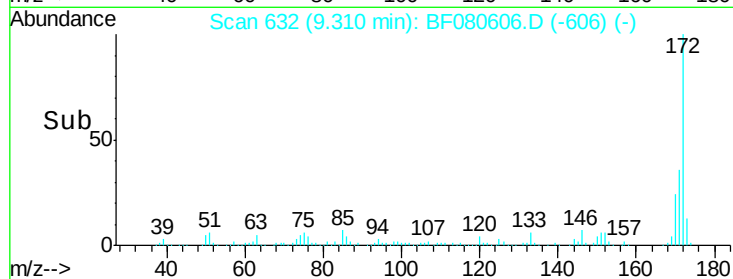
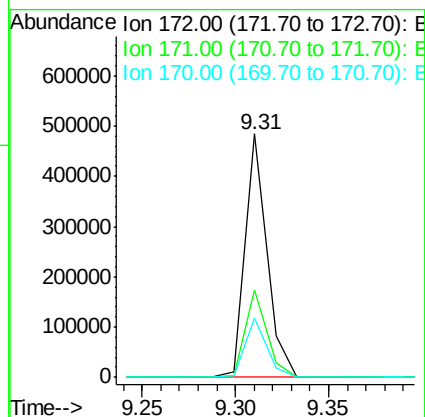
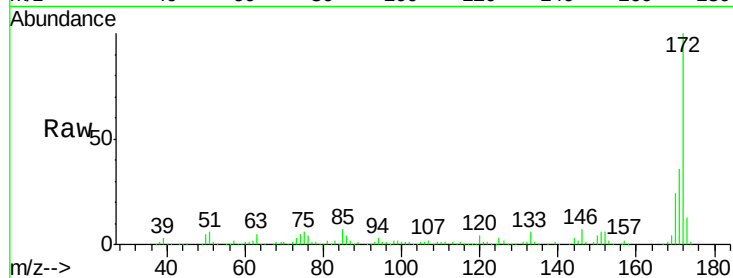




#44
 2-Fluorobiphenyl
 Concen: 72.91 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080606.D
 Acq: 23 Jul 2015 22:39

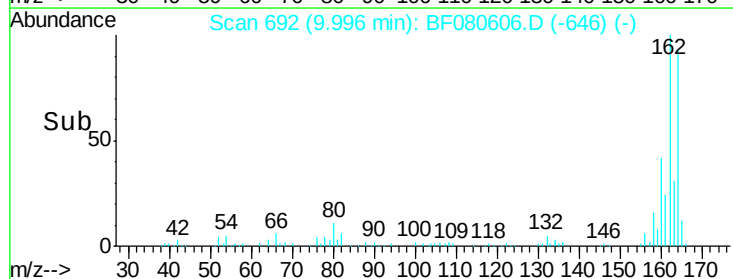
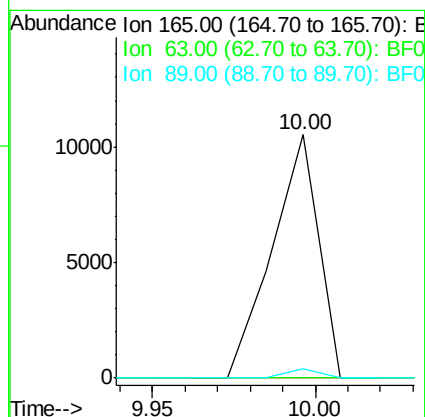
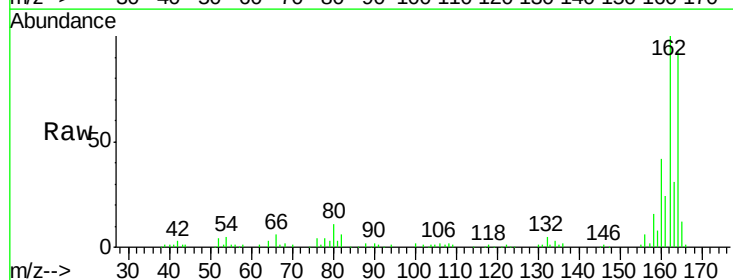
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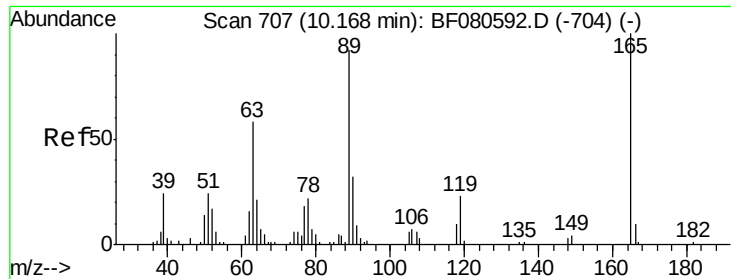
Tgt Ion:172 Resp: 397143
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.7 41.5
 170 24.3 19.1 28.7



#50
 2,6-Dinitrotoluene
 Concen: 9.56 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.23 min
 Lab File: BF080606.D
 Acq: 23 Jul 2015 22:39

Tgt Ion:165 Resp: 10401
 Ion Ratio Lower Upper
 165 100
 63 0.0 59.0 88.6#
 89 3.9 56.9 85.3#

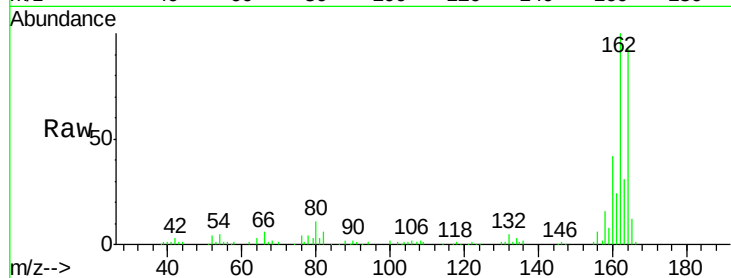




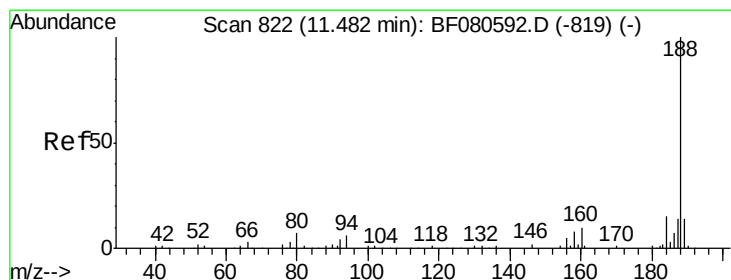
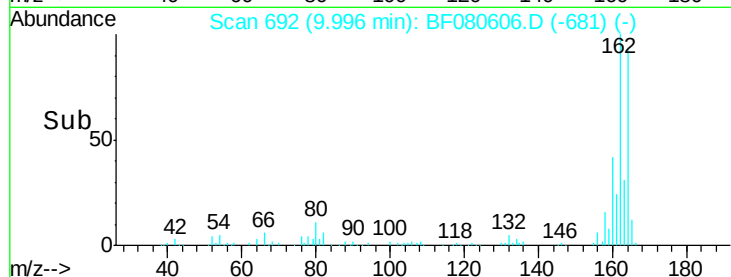
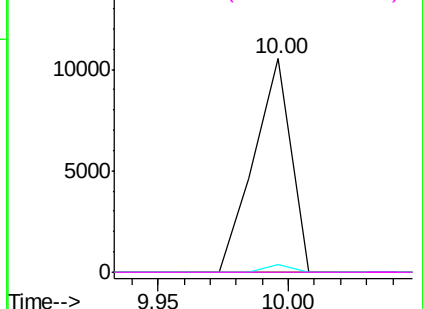
#56
 2,4-Dinitrotoluene
 Concen: 7.63 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.17 min
 Lab File: BF080606.D
 Acq: 23 Jul 2015 22:39

Instrument :
 BNA_F
 ClientSampleId :
 MW33D

Tgt Ion:165 Resp: 10398
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.1 72.1#
 89 3.9 77.4 116.0#
 182 0.0 1.3 1.9#

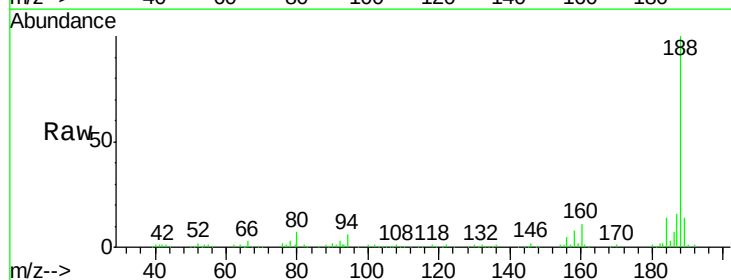


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

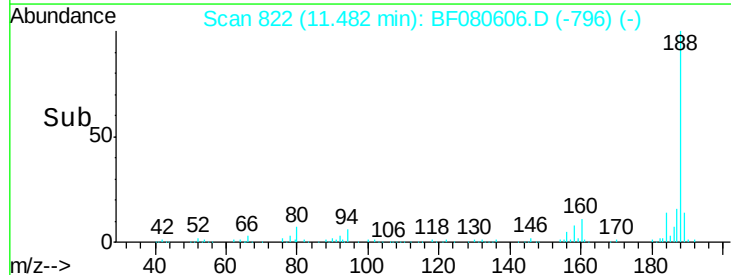
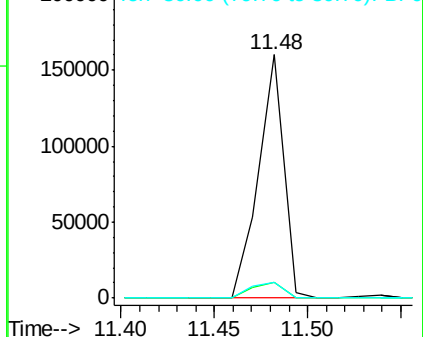


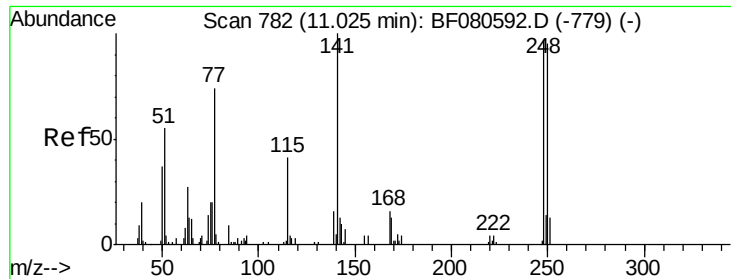
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF080606.D
 Acq: 23 Jul 2015 22:39

Tgt Ion:188 Resp: 149835
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.1 9.1
 80 6.6 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

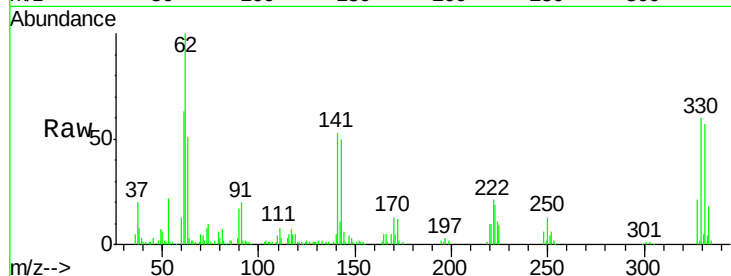




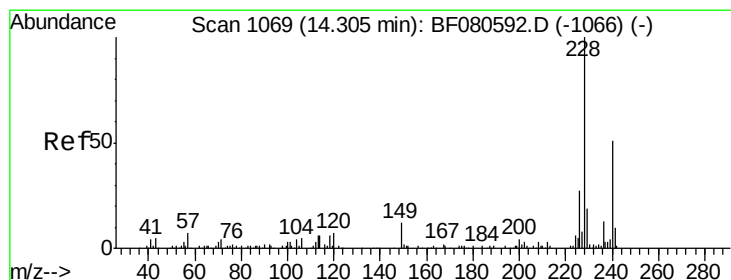
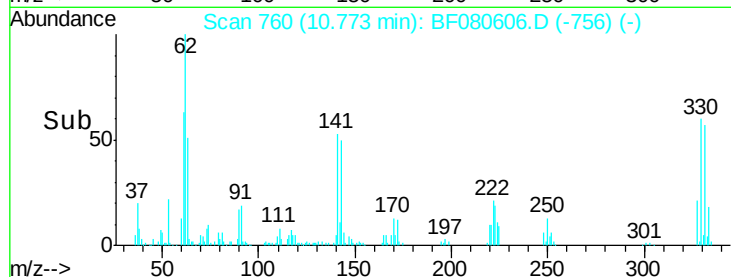
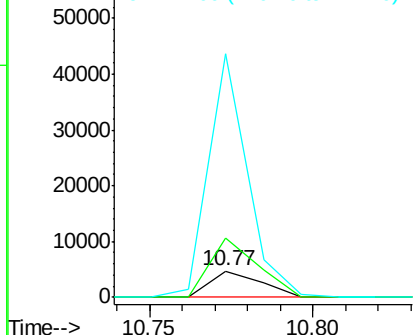
#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.25 min
Lab File: BF080606.D
Acq: 23 Jul 2015 22:39

Instrument :
BNA_F
ClientSampled :
MW33D

Tgt Ion:248 Resp: 5011
Ion Ratio Lower Upper
248 100
250 221.0 75.4 113.2#
141 913.5 93.4 140.0#

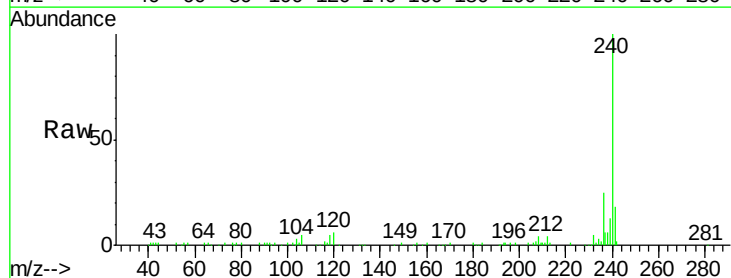


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

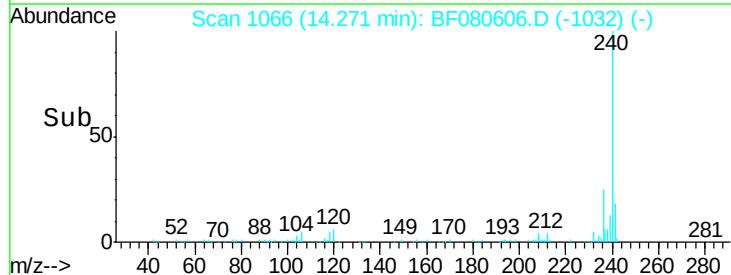
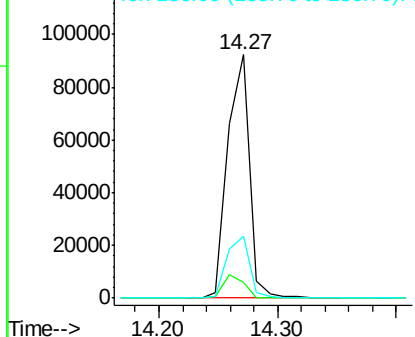


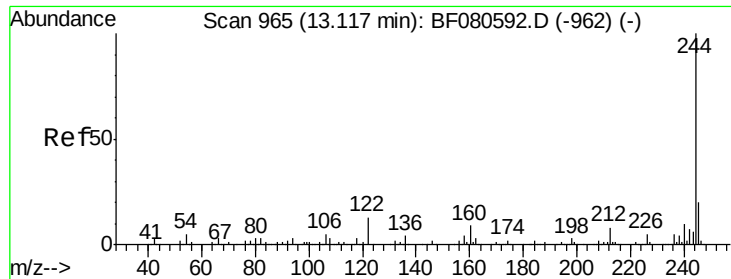
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.27 min Scan# 1066
Delta R.T. 0.09 min
Lab File: BF080606.D
Acq: 23 Jul 2015 22:39

Tgt Ion:240 Resp: 116510
Ion Ratio Lower Upper
240 100
120 6.3 9.9 14.9#
236 25.2 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: 65.90 ng

RT: 13.09 min Scan# 963

Delta R.T. 0.02 min

Lab File: BF080606.D

Acq: 23 Jul 2015 22:39

Instrument :

BNA_F

ClientSampleId :

MW33D

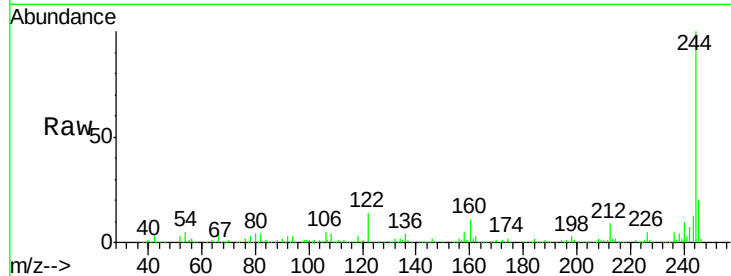
Tgt Ion:244 Resp: 366931

Ion Ratio Lower Upper

244 100

212 8.8 6.0 9.0

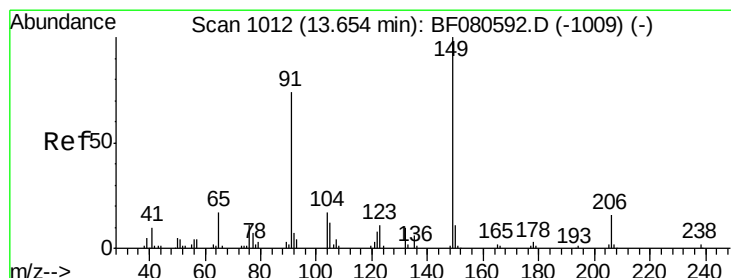
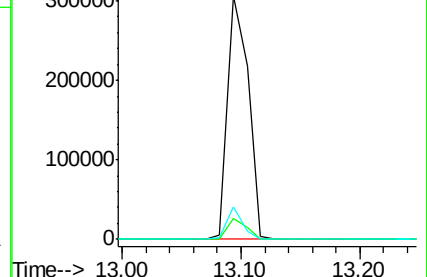
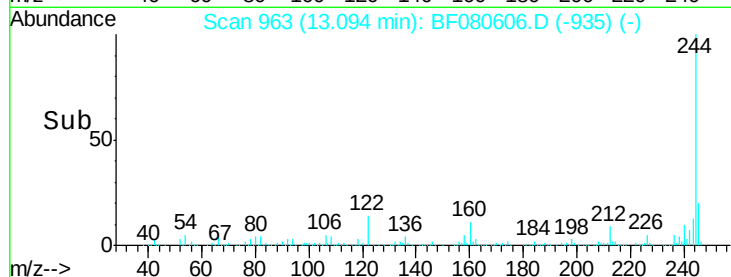
122 13.5 8.2 12.2#



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: 5.40 ng

RT: 13.62 min Scan# 1009

Delta R.T. 0.05 min

Lab File: BF080606.D

Acq: 23 Jul 2015 22:39

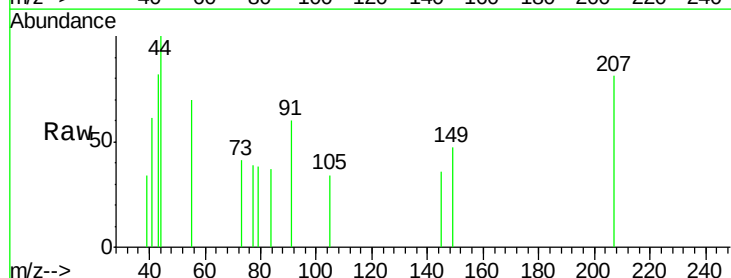
Tgt Ion:149 Resp: 301

Ion Ratio Lower Upper

149 100

91 128.5 53.0 79.6#

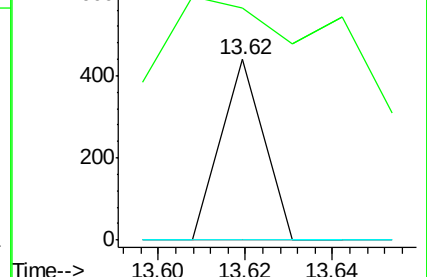
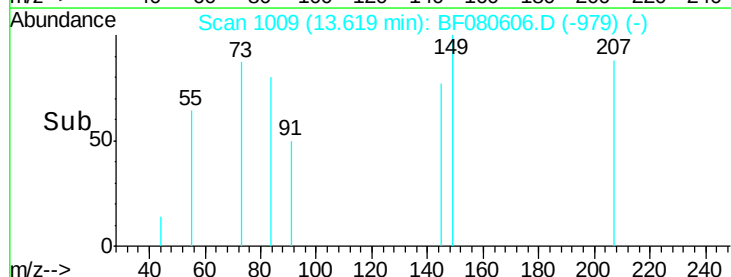
206 0.0 15.0 22.6#

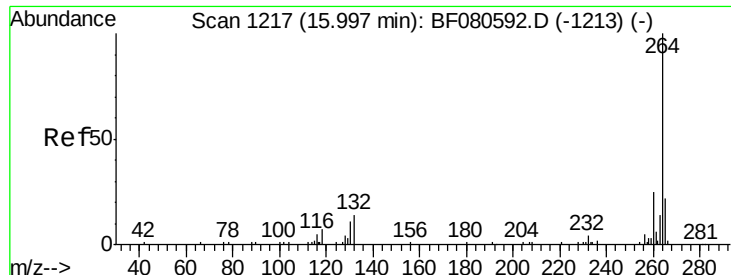


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

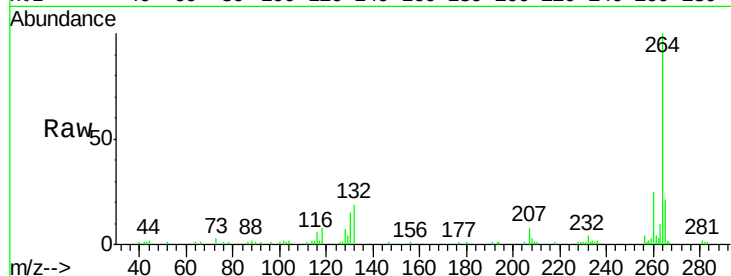




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1211
Delta R.T. 0.18 min
Lab File: BF080606.D
Acq: 23 Jul 2015 22:39

Instrument :
BNA_F
ClientSampleId :
MW33D

Tgt Ion: 264 Resp: 89184
Ion Ratio Lower Upper
264 100
260 24.9 17.8 26.8
265 21.0 15.6 23.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

