

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080573.D
 Acq On : 23 Jul 2015 00:37
 Operator : TP/UM
 Sample : G3027-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-15.0-15.5

Quant Time: Jul 23 05:48:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

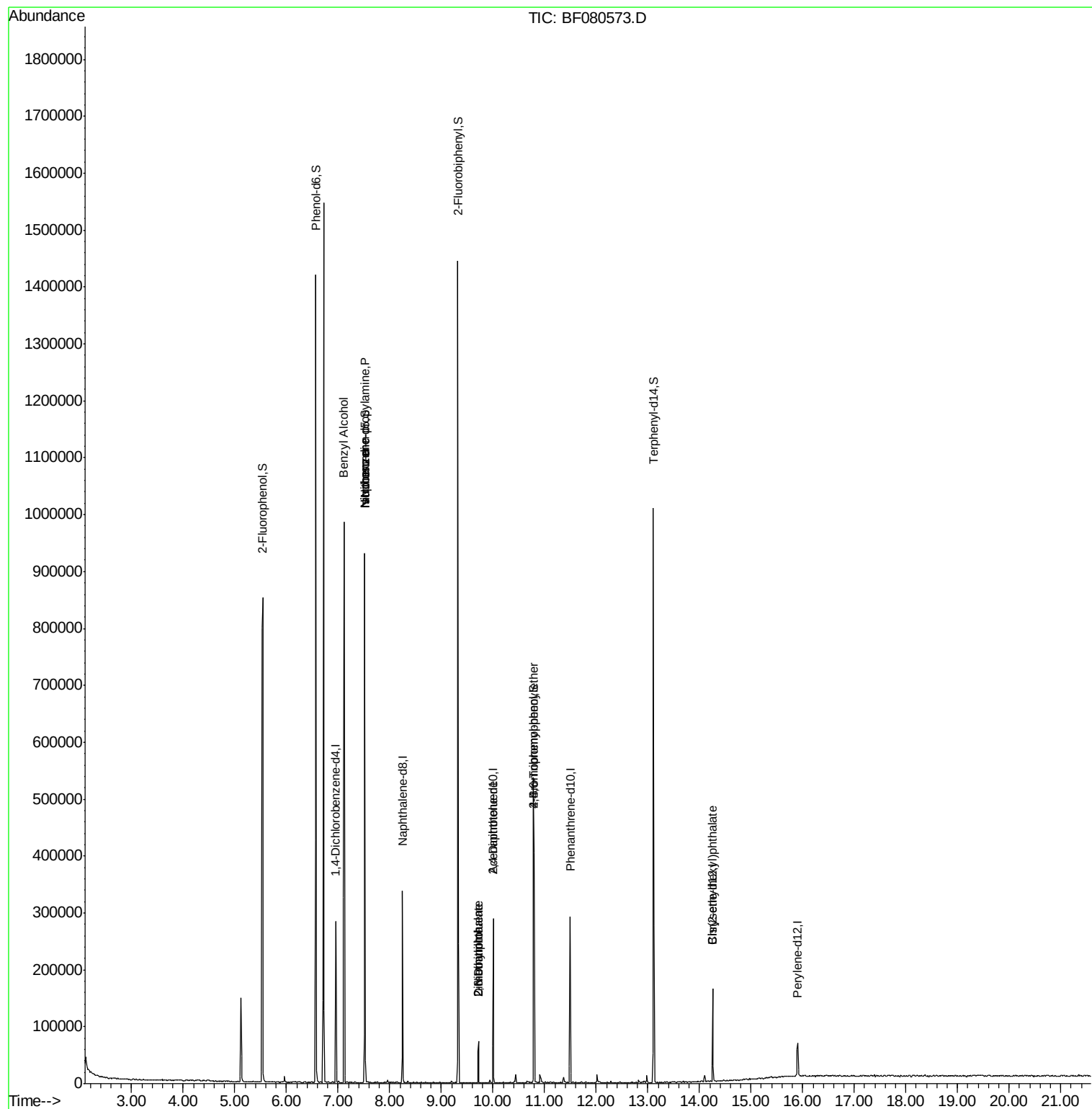
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	33209	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	127057	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	52939	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	95530	20.00	ng	0.00
75) Chrysene-d12	14.26	240	59590	20.00	ng	-0.06
86) Perylene-d12	15.91	264	33394	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	291808	155.83	ng	0.01
7) Phenol-d6	6.57	99	398137	172.63	ng	0.00
23) Nitrobenzene-d5	7.52	82	224905	114.01	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	67784	168.98	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	368784	100.17	ng	0.00
78) Terphenyl-d14	13.11	244	305800	105.23	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.12	79	5098	2.67	ng	# 56
19) n-Nitroso-di-n-propylamine	7.52	70	32227	21.76	ng	# 78
24) Nitrobenzene	7.52	77	651	4.58	ng	# 33
25) Isophorone	7.52	82	208600	50.07	ng	# 66
47) 2-Nitroaniline	9.72	65	221	2.82	ng	# 1
49) Dimethylphthalate	9.72	163	37143	9.99	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	276	4.20	ng	# 19
56) 2,4-Dinitrotoluene	10.01	165	6985	16.62	ng	# 10
64) 4,6-Dinitro-2-methylphenol	10.80	198	208	Below Cal		# 31
66) 4-Bromophenyl-phenylether	10.80	248	4540	4.94	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.26	149	523	3.30	ng	# 54

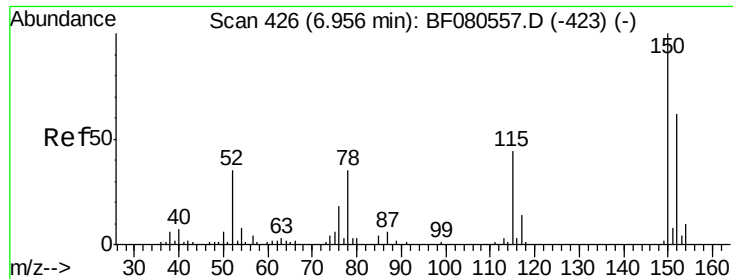
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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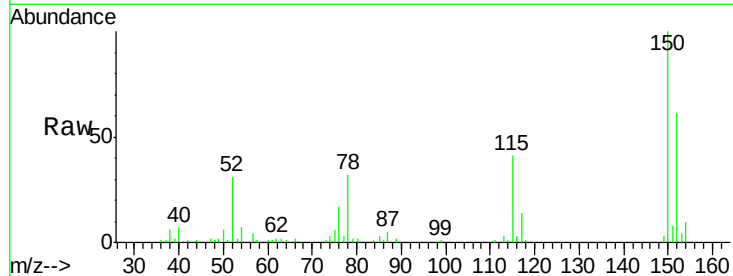




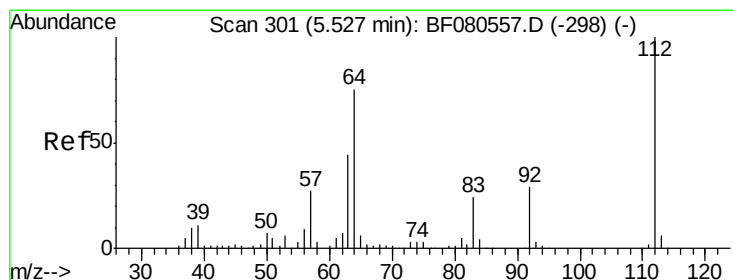
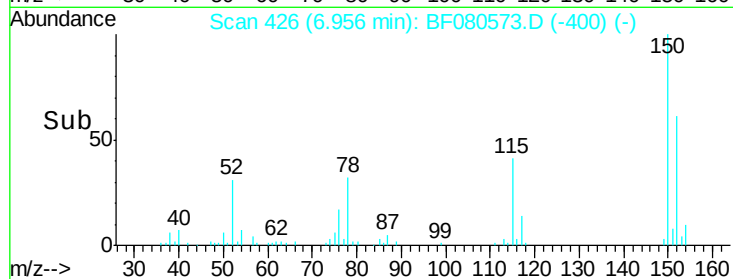
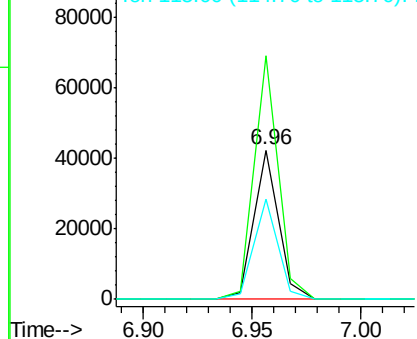
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF080573.D
 Acq: 23 Jul 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-15.0-15.5

Tgt Ion:152 Resp: 33209
 Ion Ratio Lower Upper
 152 100
 150 163.0 128.7 193.1
 115 67.4 56.8 85.2

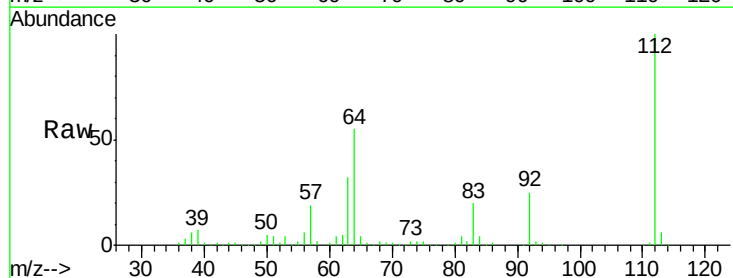


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

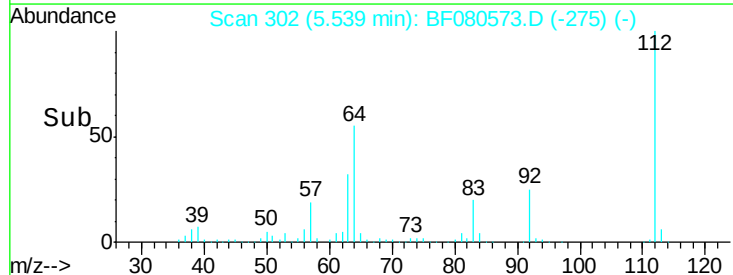
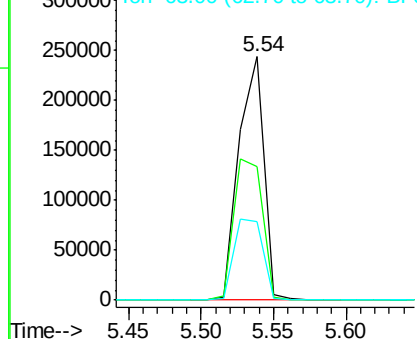


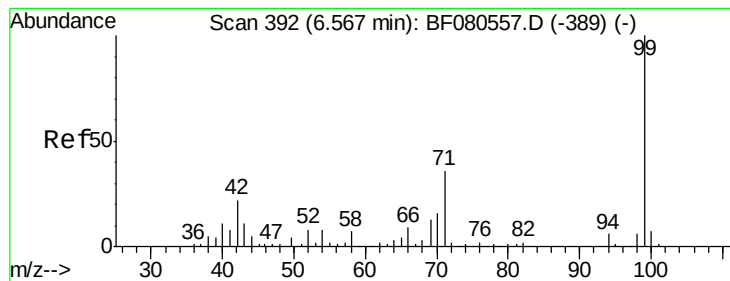
#5
 2-Fluorophenol
 Concen: 155.83 ng
 RT: 5.54 min Scan# 302
 Delta R.T. 0.01 min
 Lab File: BF080573.D
 Acq: 23 Jul 2015 00:37

Tgt Ion:112 Resp: 291808
 Ion Ratio Lower Upper
 112 100
 64 55.0 60.2 90.2#
 63 32.2 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: 172.63 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

Instrument :

BNA_F

ClientSampleId :

SB-02-15.0-15.5

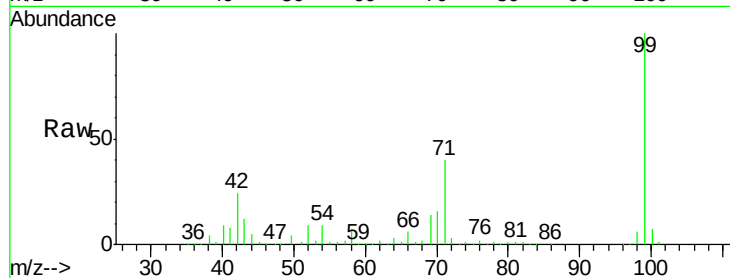
Tgt Ion: 99 Resp: 398137

Ion Ratio Lower Upper

99 100

42 23.5 17.4 26.2

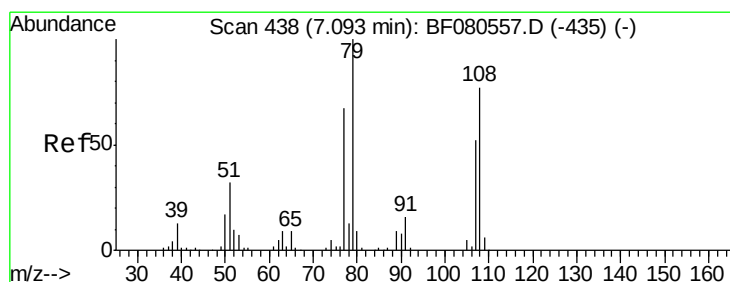
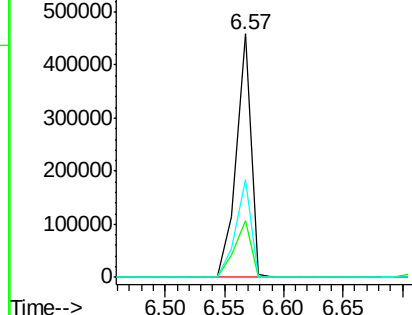
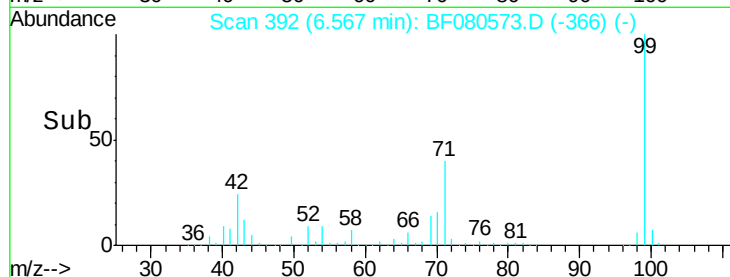
71 39.9 29.0 43.6



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



#15

Benzyl Alcohol

Concen: 2.67 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

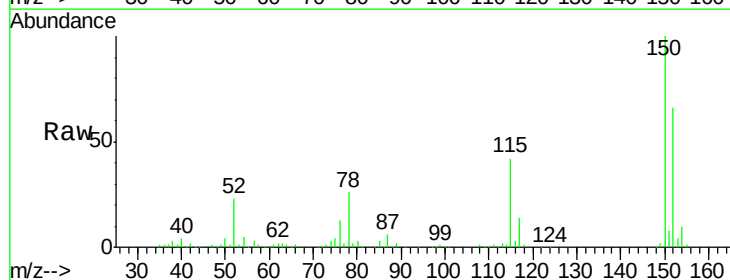
Tgt Ion: 79 Resp: 5098

Ion Ratio Lower Upper

79 100

108 30.6 61.5 92.3#

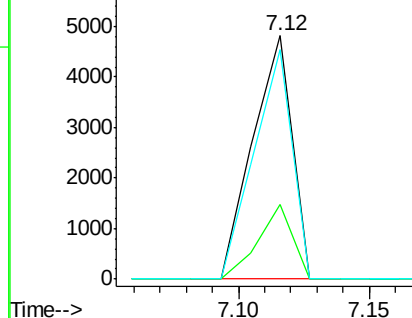
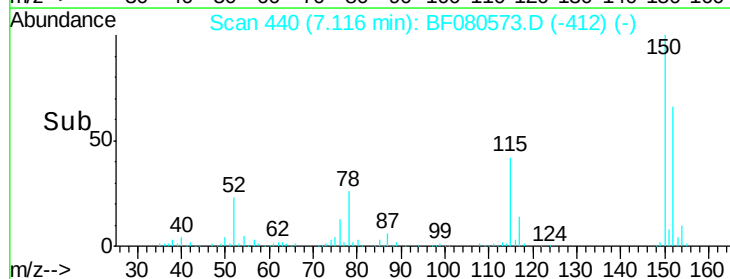
77 94.0 53.6 80.4#

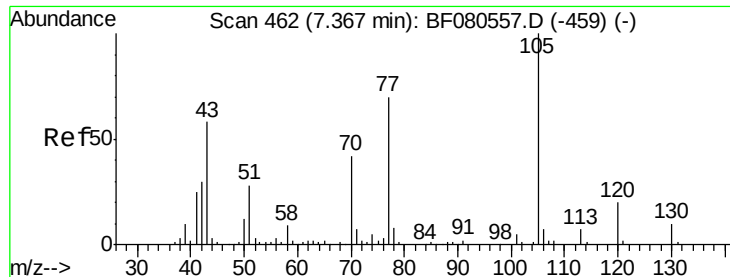


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

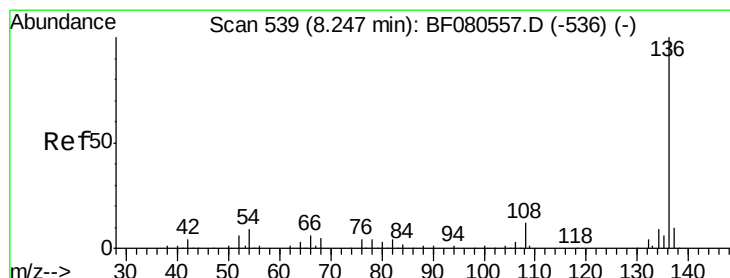
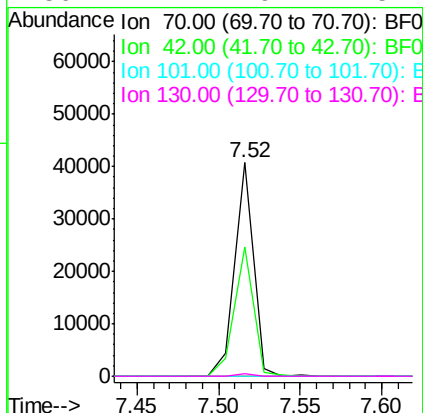
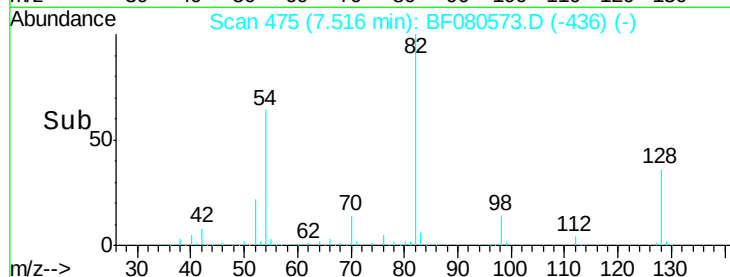
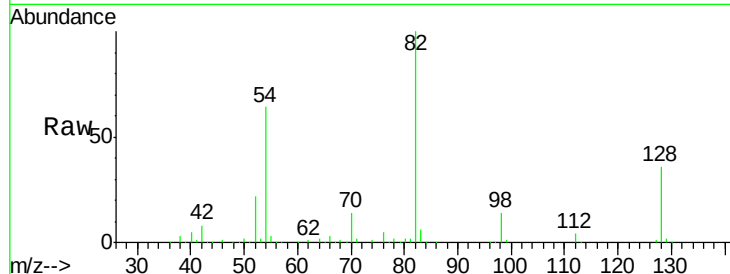




#19
n-Nitroso-di-n-propylamine
Concen: 21.76 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.15 min
Lab File: BF080573.D
Acq: 23 Jul 2015 00:37

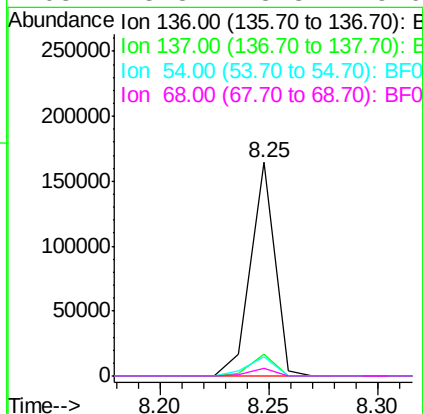
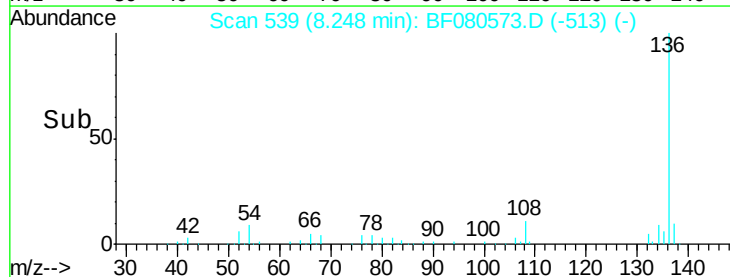
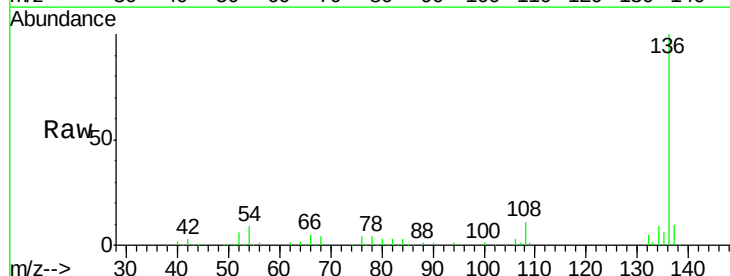
Instrument :
BNA_F
ClientSampleId :
SB-02-15.0-15.5

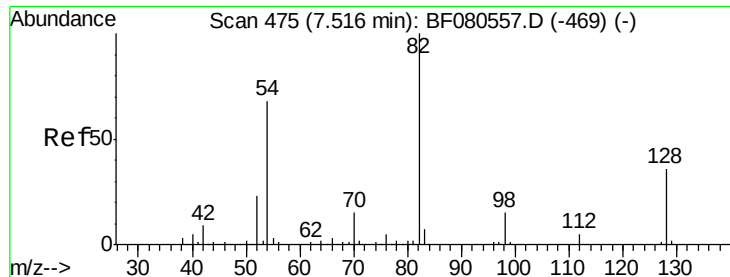
Tgt Ion: 70 Resp: 32227
Ion Ratio Lower Upper
70 100
42 60.7 56.6 85.0
101 0.0 9.7 14.5#
130 1.1 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080573.D
Acq: 23 Jul 2015 00:37

Tgt Ion: 136 Resp: 127057
Ion Ratio Lower Upper
136 100
137 10.2 7.8 11.8
54 8.8 7.2 10.8
68 3.8 3.8 5.6

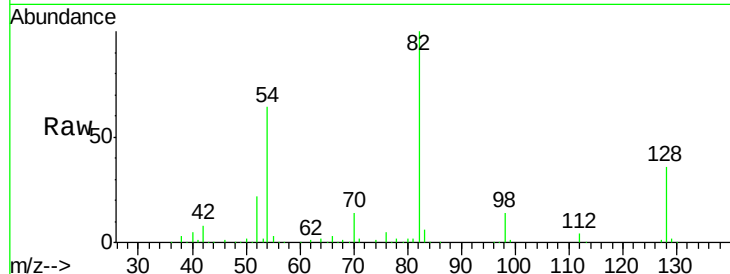




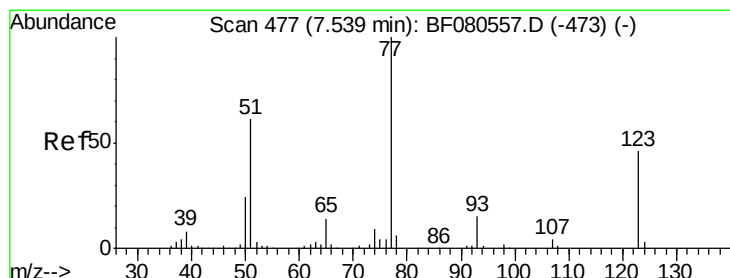
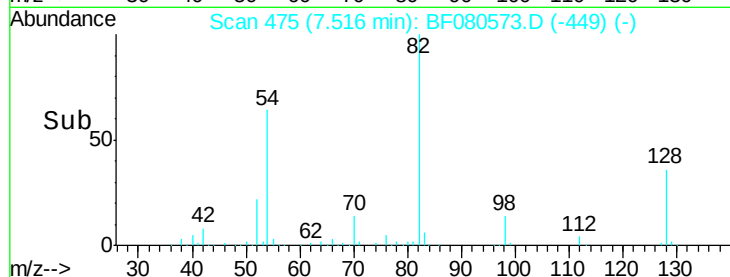
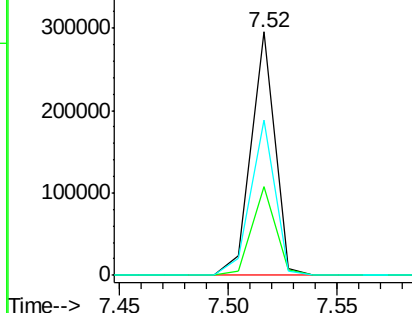
#23
 Nitrobenzene-d5
 Concen: 114.01 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080573.D
 Acq: 23 Jul 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-15.0-15.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.9	43.3
54	63.9	54.5	81.7

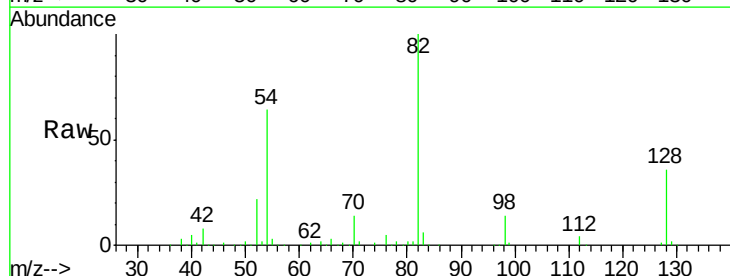


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

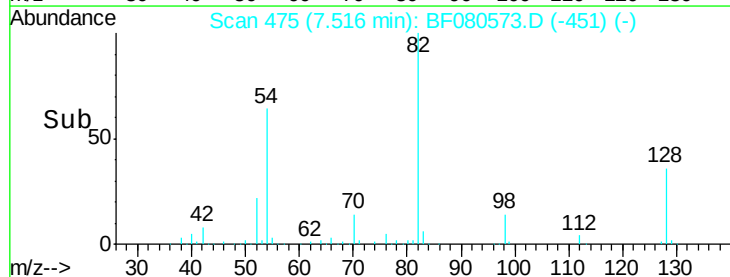
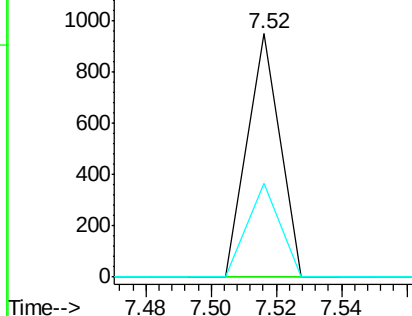


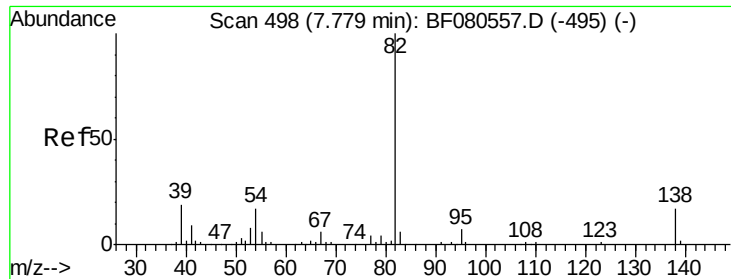
#24
 Nitrobenzene
 Concen: 4.58 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080573.D
 Acq: 23 Jul 2015 00:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	38.7	11.4	17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.07 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

Instrument :

BNA_F

ClientSampleId :

SB-02-15.0-15.5

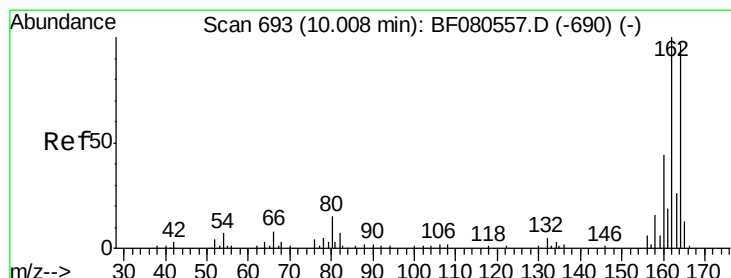
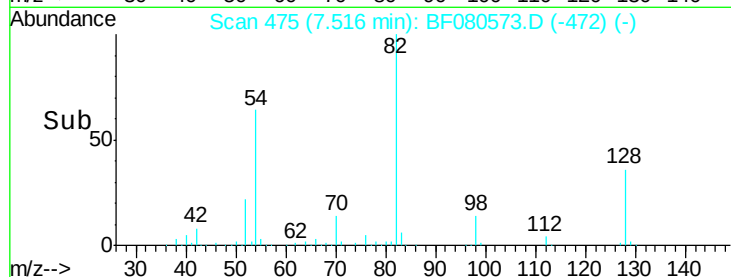
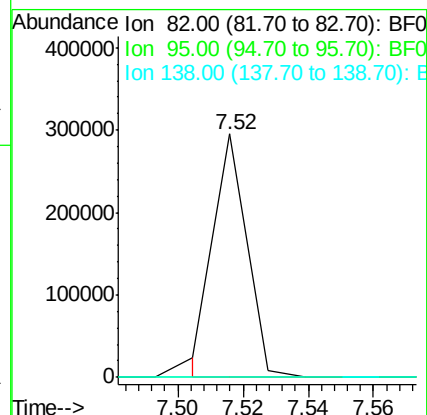
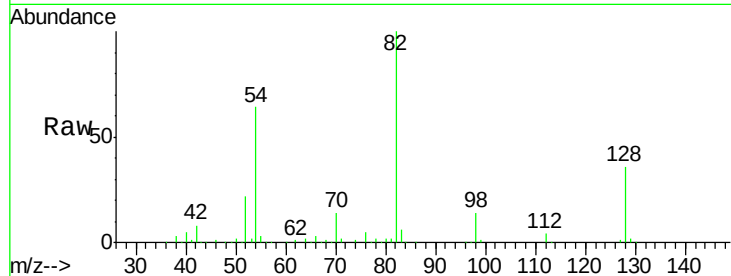
Tgt Ion: 82 Resp: 208600

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

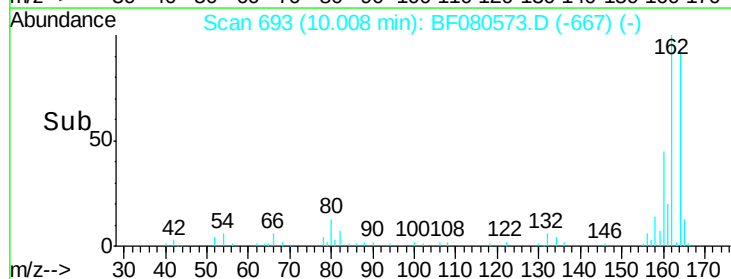
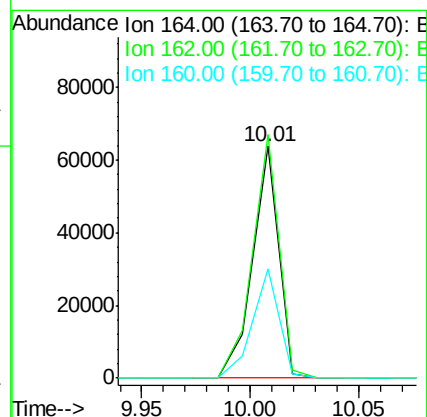
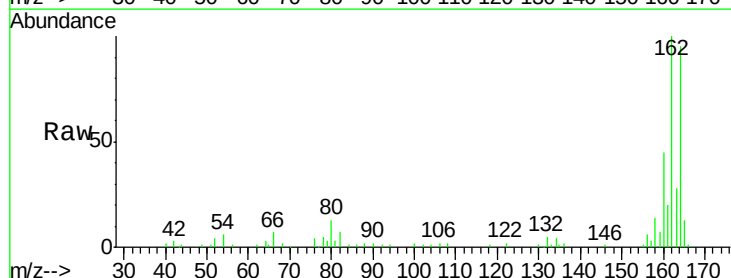
Tgt Ion: 164 Resp: 52939

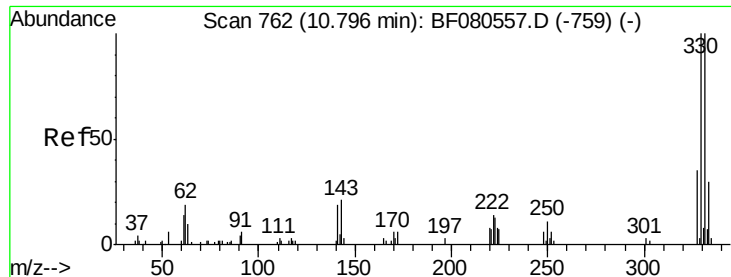
Ion Ratio Lower Upper

164 100

162 105.0 82.2 123.4

160 47.1 36.1 54.1





#41

2,4,6-Tribromophenol

Concen: 168.98 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.00 min

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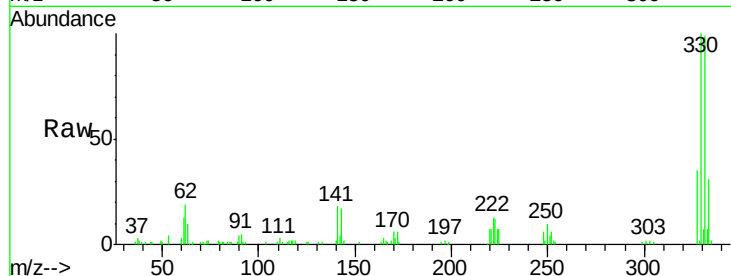
Tgt Ion:330 Resp: 67784

Ion Ratio Lower Upper

330 100

332 97.8 78.3 117.5

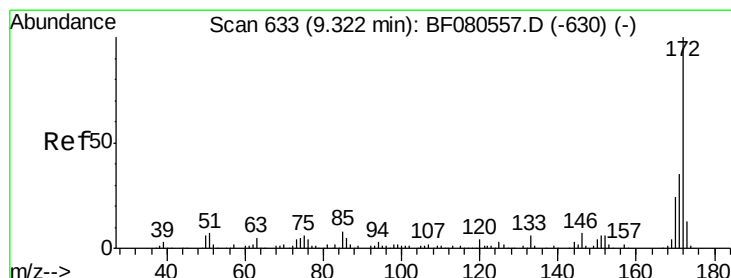
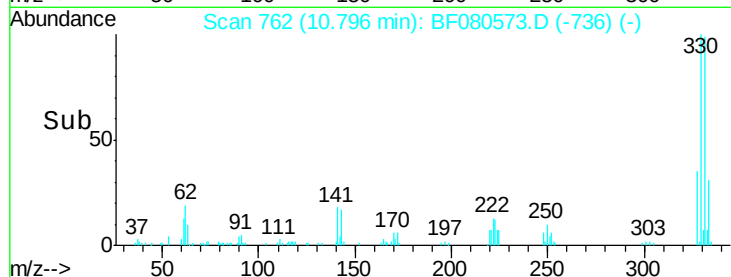
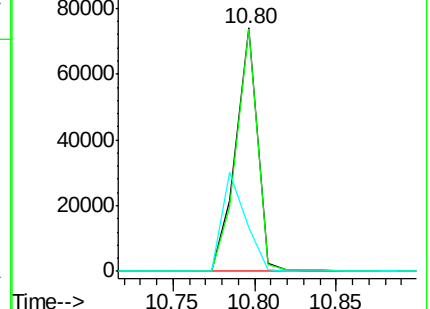
141 44.6 37.9 56.9



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: 100.17 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

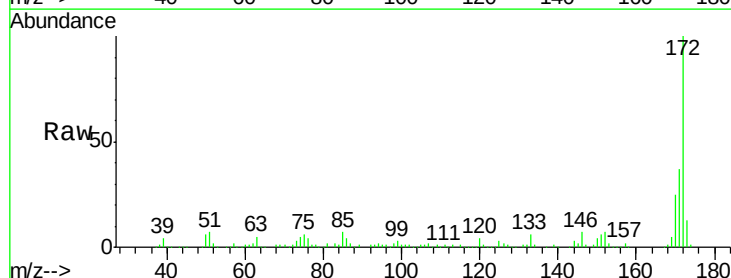
Tgt Ion:172 Resp: 368784

Ion Ratio Lower Upper

172 100

171 37.0 27.7 41.5

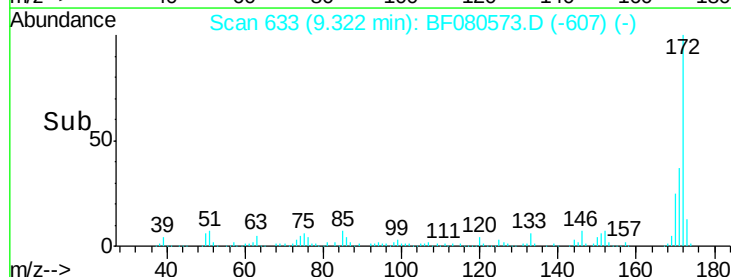
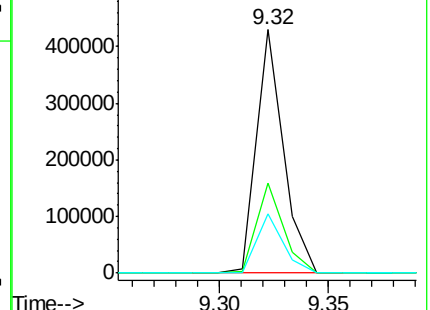
170 24.5 19.1 28.7

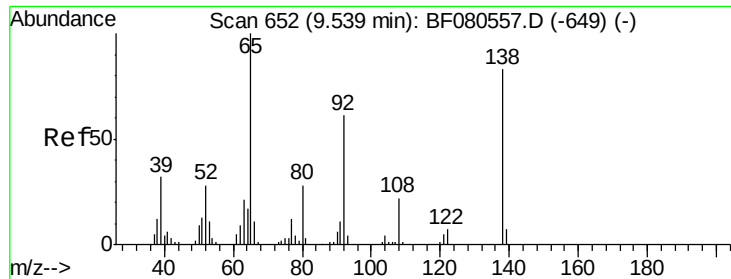


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 2.82 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.18 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

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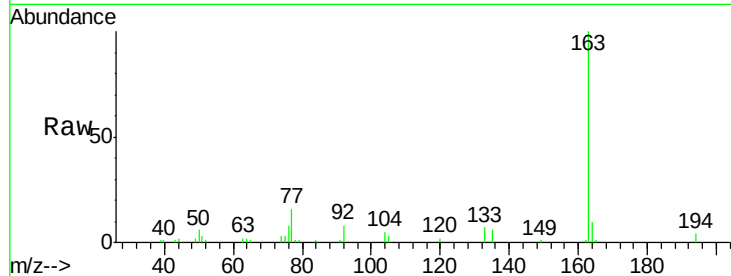
Tgt Ion: 65 Resp: 221

Ion Ratio Lower Upper

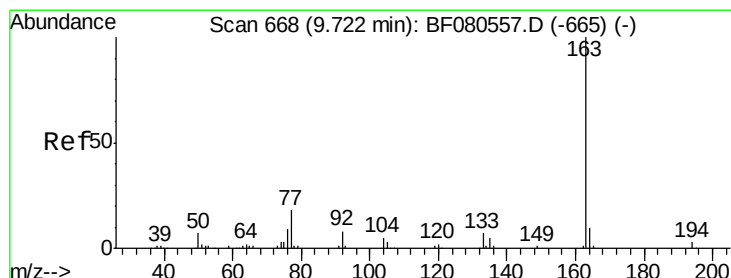
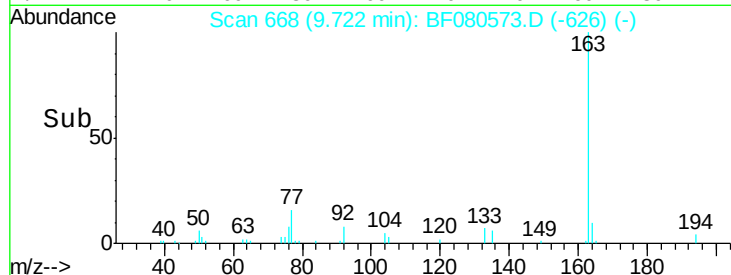
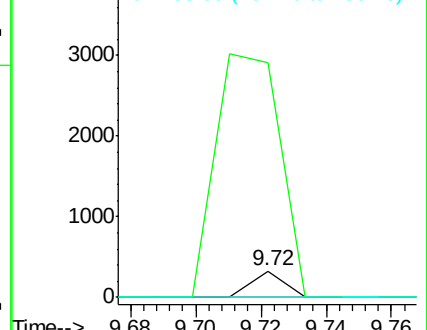
65 100

92 903.1 48.7 73.1#

138 0.0 66.8 100.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#49

Dimethylphthalate

Concen: 9.99 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

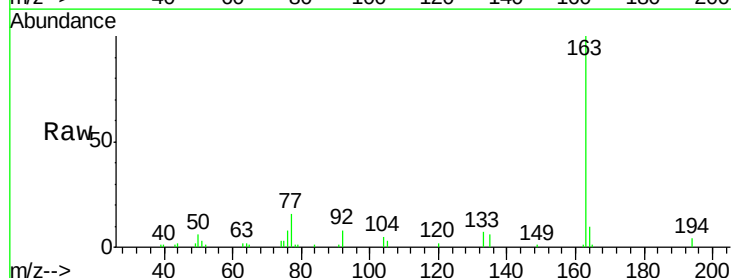
Tgt Ion:163 Resp: 37143

Ion Ratio Lower Upper

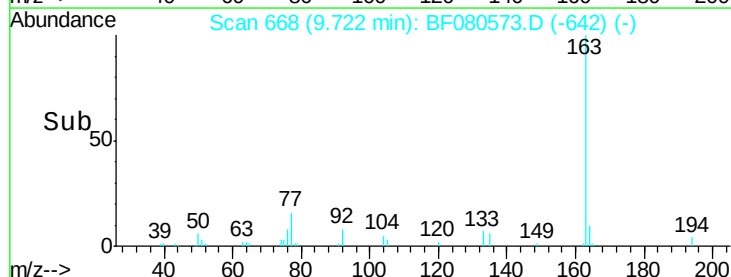
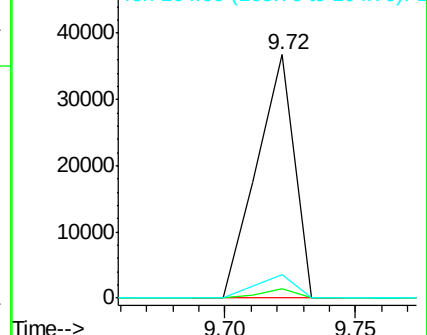
163 100

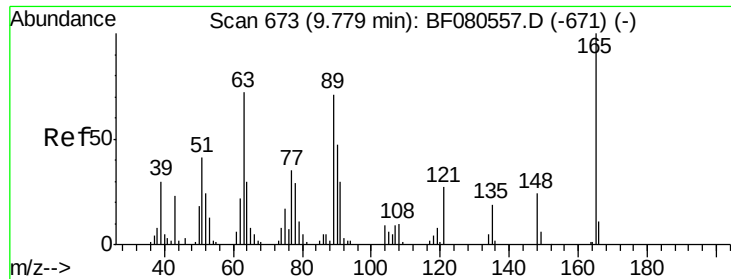
194 3.9 2.5 3.7#

164 9.8 8.1 12.1



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

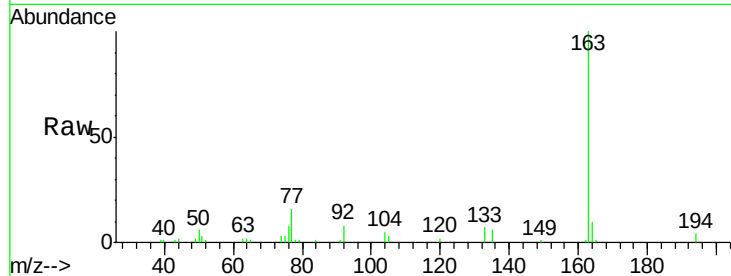




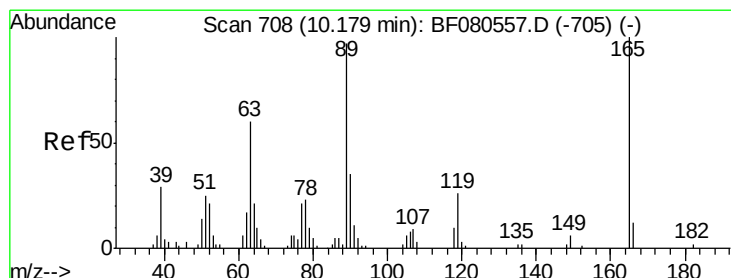
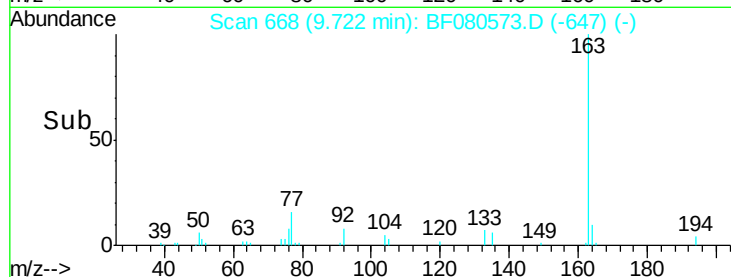
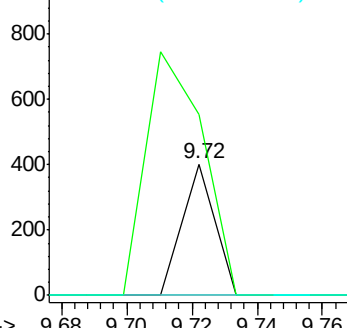
#50
 2,6-Dinitrotoluene
 Concen: 4.20 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.06 min
 Lab File: BF080573.D
 Acq: 23 Jul 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-15.0-15.5

Tgt Ion:165 Resp: 276
 Ion Ratio Lower Upper
 165 100
 63 137.6 59.0 88.6#
 89 0.0 56.9 85.3#

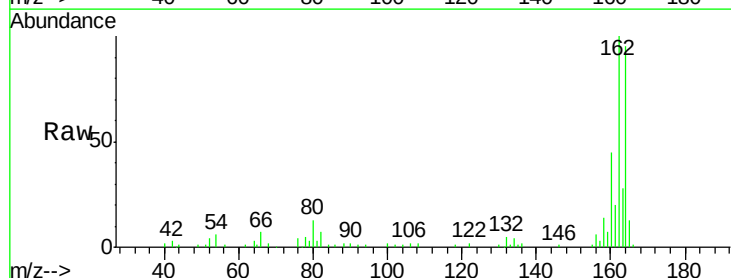


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

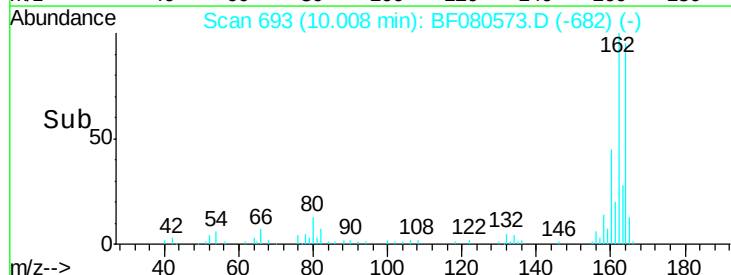
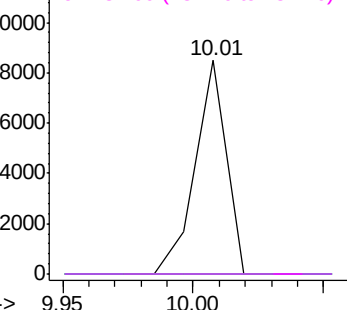


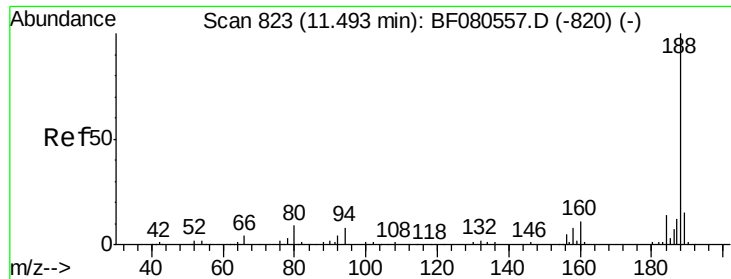
#56
 2,4-Dinitrotoluene
 Concen: 16.62 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.17 min
 Lab File: BF080573.D
 Acq: 23 Jul 2015 00:37

Tgt Ion:165 Resp: 6985
 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

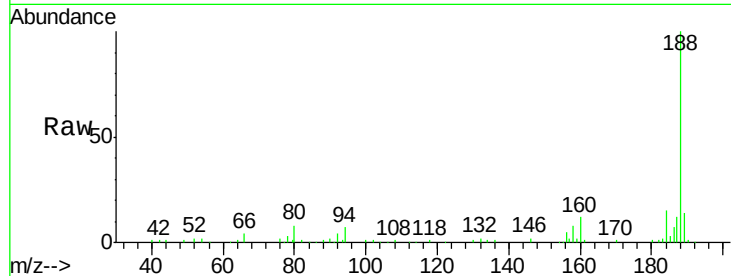




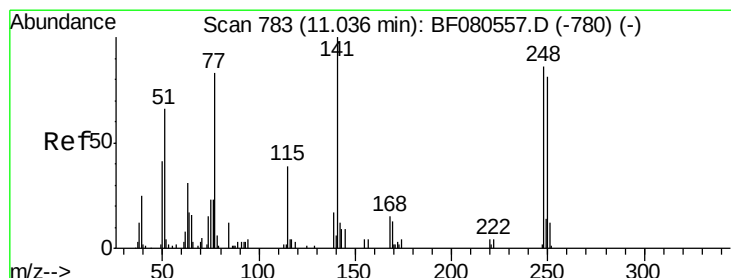
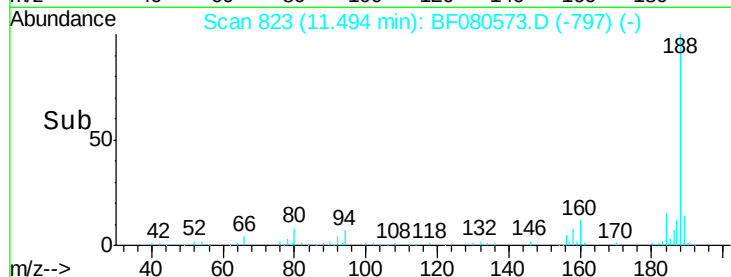
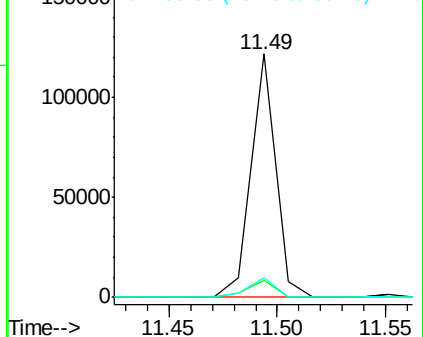
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080573.D
Acq: 23 Jul 2015 00:37

Instrument :
BNA_F
ClientSampleId :
SB-02-15.0-15.5

Tgt Ion:188 Resp: 95530
Ion Ratio Lower Upper
188 100
94 7.2 6.1 9.1
80 8.1 7.0 10.6

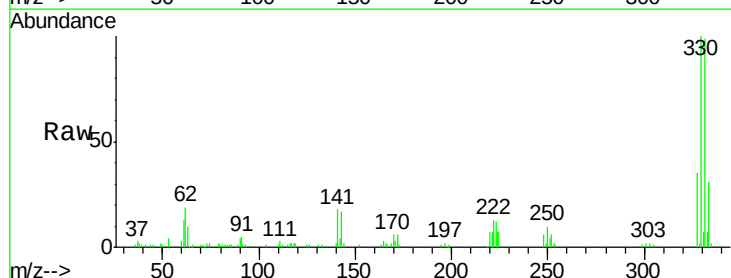


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

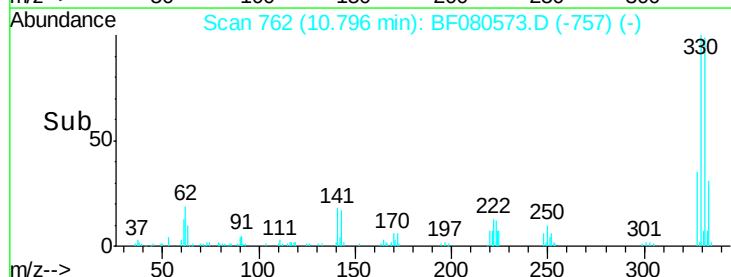
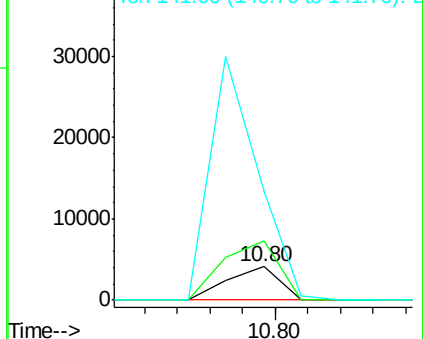


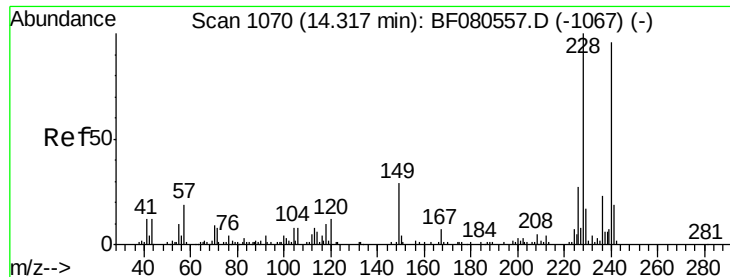
#66
4-Bromophenyl-phenylether
Concen: 4.94 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF080573.D
Acq: 23 Jul 2015 00:37

Tgt Ion:248 Resp: 4540
Ion Ratio Lower Upper
248 100
250 176.3 75.4 113.2#
141 326.9 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: 14.26 min Scan# 1065

Delta R.T. -0.06 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

Instrument :

BNA_F

ClientSampleId :

SB-02-15.0-15.5

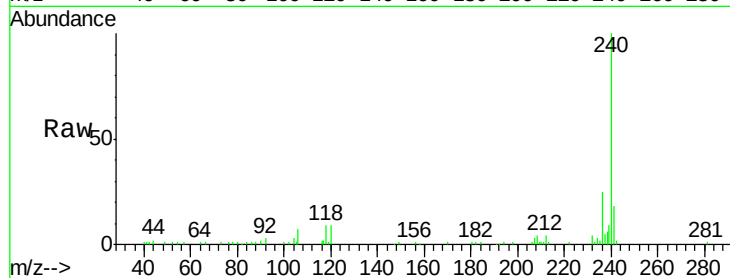
Tgt Ion:240 Resp: 59590

Ion Ratio Lower Upper

240 100

120 9.5 9.9 14.9#

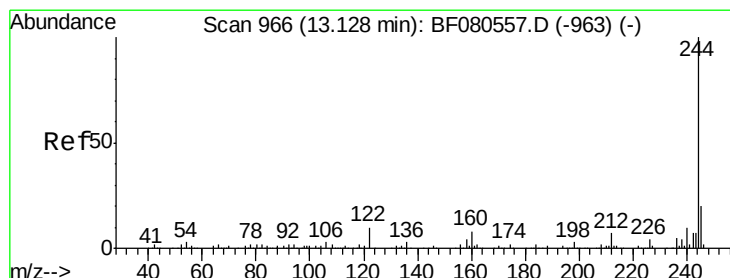
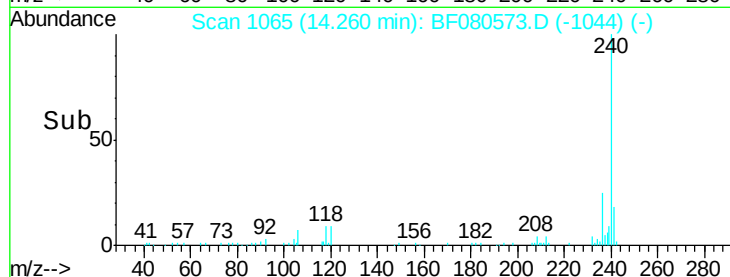
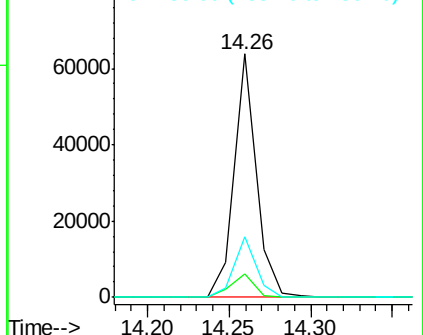
236 25.1 19.1 28.7



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: 105.23 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF080573.D

Acq: 23 Jul 2015 00:37

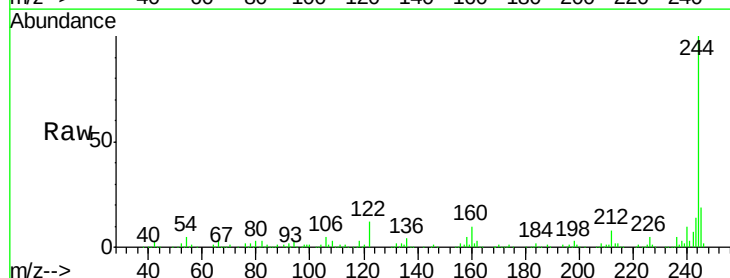
Tgt Ion:244 Resp: 305800

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

122 12.5 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

