

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080579.D
 Acq On : 23 Jul 2015 3:31
 Operator : TP/UM
 Sample : PB84616BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BL

Quant Time: Jul 23 05:50:40 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

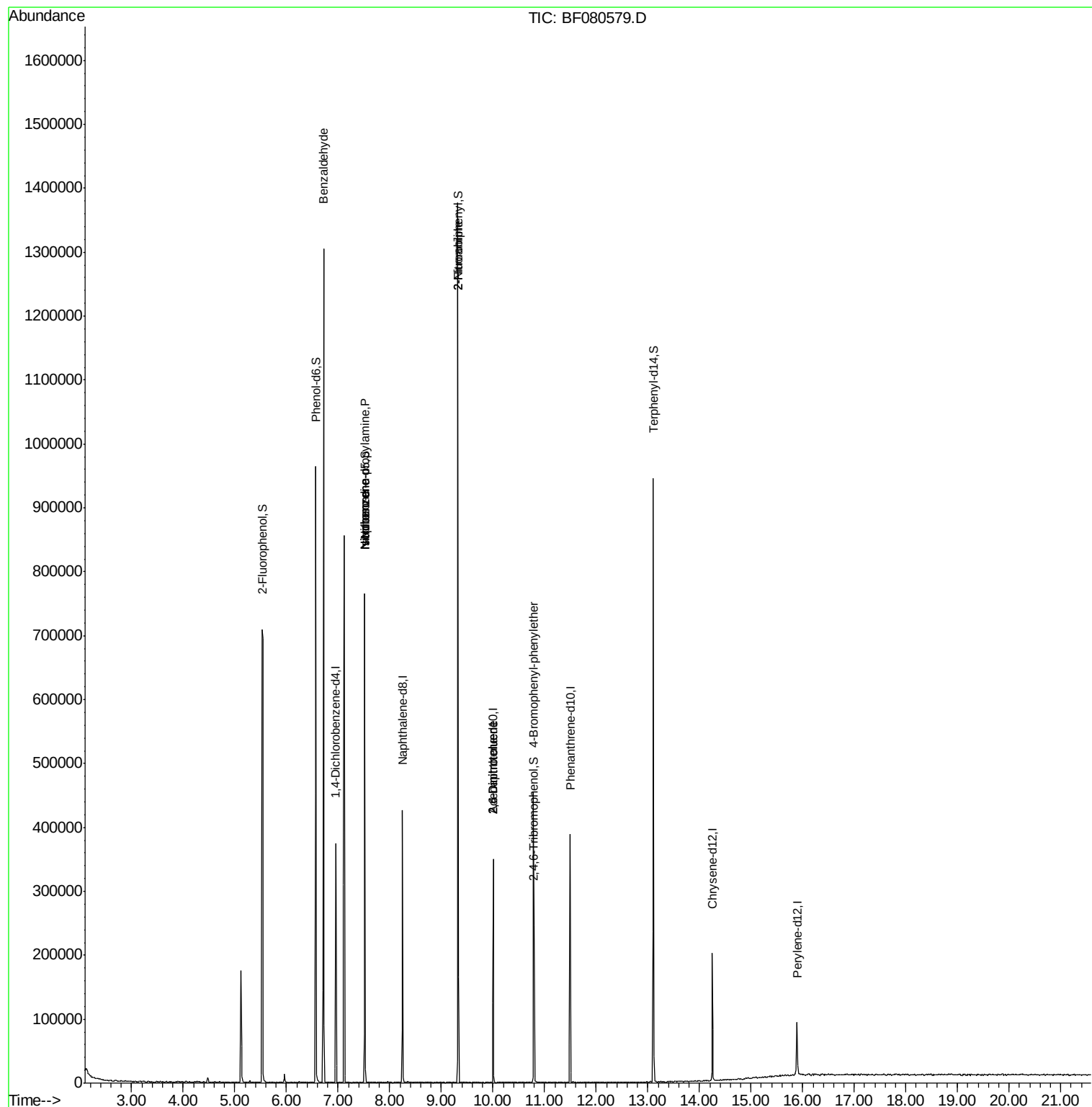
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45145	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	169771	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	70359	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	130635	20.00	ng	0.00
75) Chrysene-d12	14.25	240	81124	20.00	ng	-0.07
86) Perylene-d12	15.89	264	52781	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	247552	97.24	ng	0.01
7) Phenol-d6	6.57	99	308789	98.49	ng	0.00
23) Nitrobenzene-d5	7.52	82	186697	70.83	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	48744	94.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	341978	69.89	ng	0.00
78) Terphenyl-d14	13.10	244	287723	72.73	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.72	77	7645	3.24	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	26562	13.19	ng	# 79
24) Nitrobenzene	7.52	77	429	4.45	ng	# 10
25) Isophorone	7.52	82	171798	30.86	ng	# 66
47) 2-Nitroaniline	9.32	65	867	3.51	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	9288	14.12	ng	# 13
56) 2,4-Dinitrotoluene	10.01	165	9289	16.62	ng	# 10
66) 4-Bromophenyl-phenylether	10.78	248	3811	3.03	ng	# 1

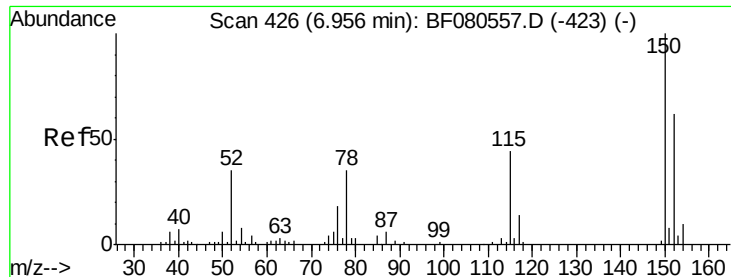
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 23 05:13:42 2015
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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: BF080579.D

Acq: 23 Jul 2015 3:31

Instrument :

BNA_F

ClientSampleId :

PB84616BL

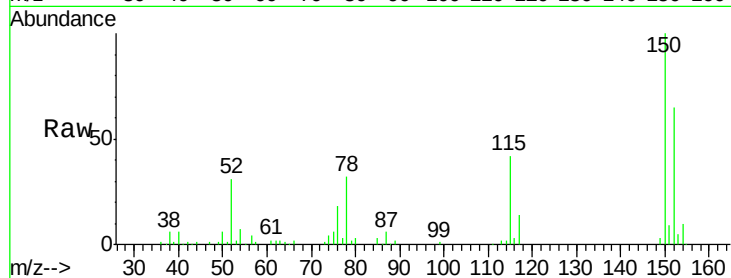
Tgt Ion:152 Resp: 45145

Ion Ratio Lower Upper

152 100

150 154.6 128.7 193.1

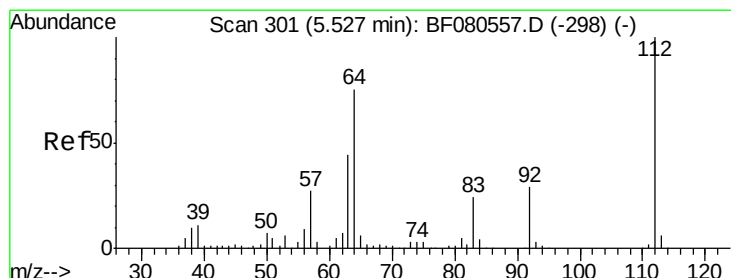
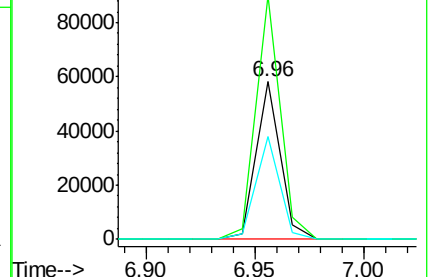
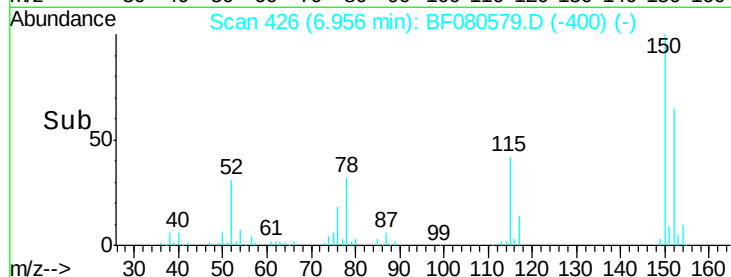
115 65.7 56.8 85.2



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: 97.24 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

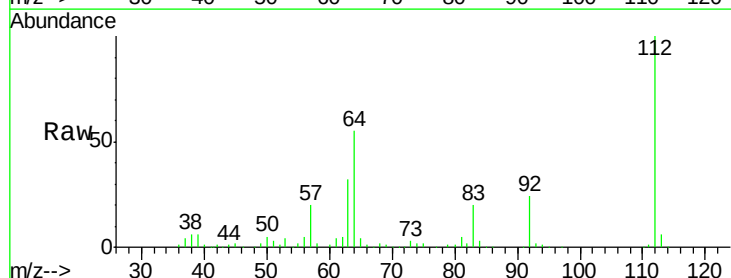
Tgt Ion:112 Resp: 247552

Ion Ratio Lower Upper

112 100

64 54.9 60.2 90.2#

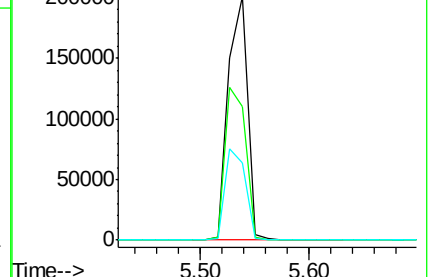
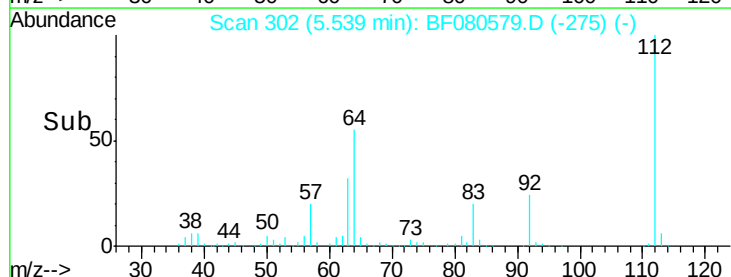
63 31.7 34.8 52.2#

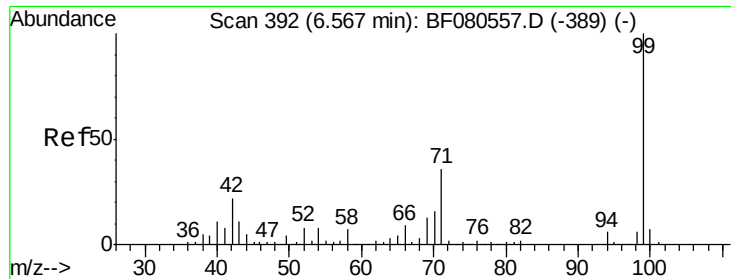


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.49 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

Instrument :

BNA_F

ClientSampleId :

PB84616BL

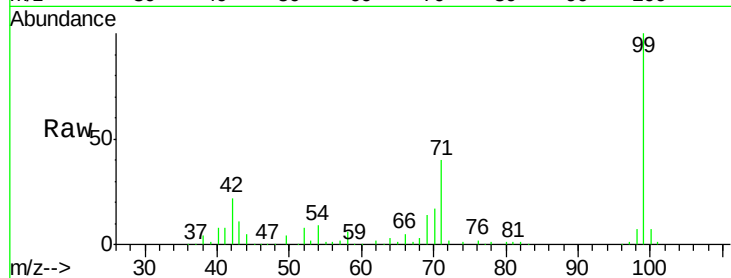
Tgt Ion: 99 Resp: 308789

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.2

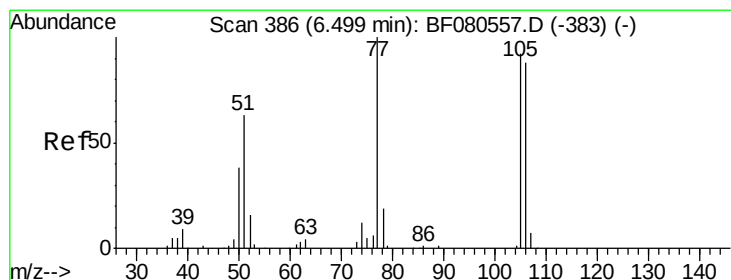
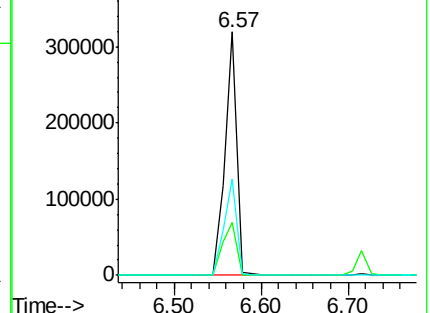
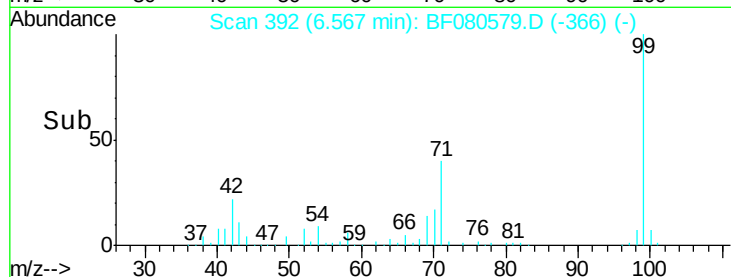
71 39.8 29.0 43.6



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: 3.24 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.22 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

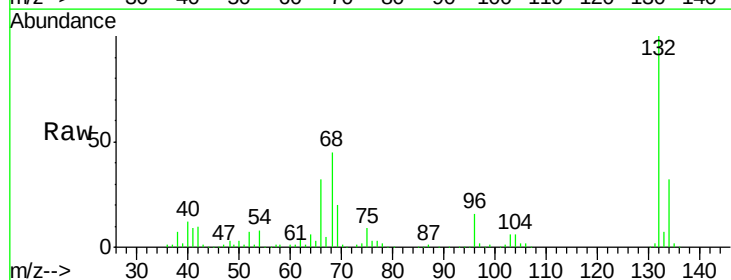
Tgt Ion: 77 Resp: 7645

Ion Ratio Lower Upper

77 100

105 77.0 72.3 112.3

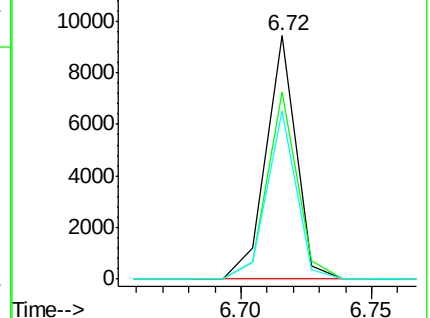
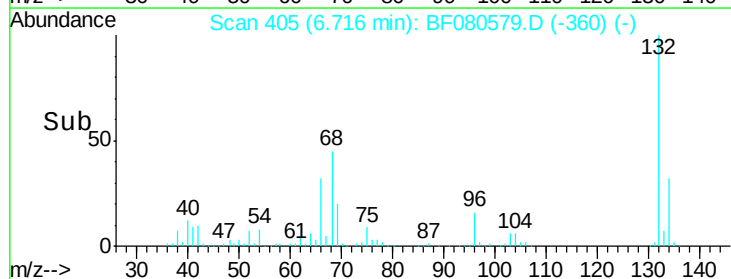
106 69.1 67.5 107.5

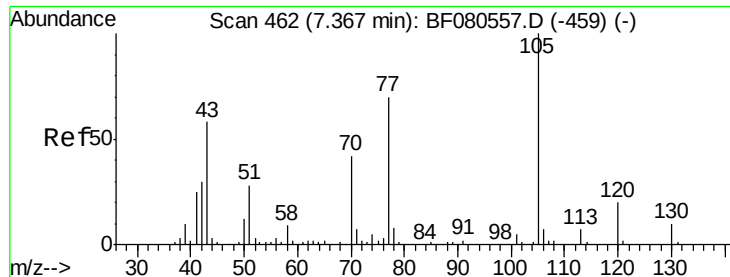


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.19 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

Instrument :

BNA_F

ClientSampled :

PB84616BL

Tgt Ion: 70 Resp: 26562

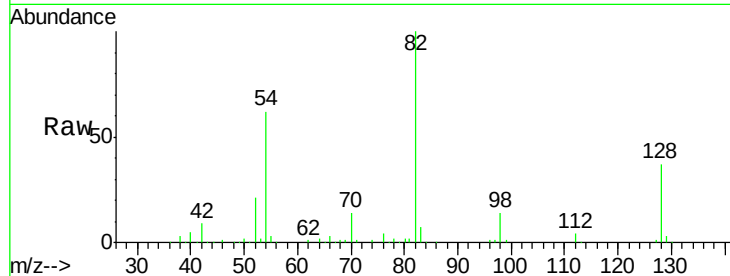
Ion Ratio Lower Upper

70 100

42 61.7 56.6 85.0

101 0.0 9.7 14.5#

130 1.1 19.1 28.7#

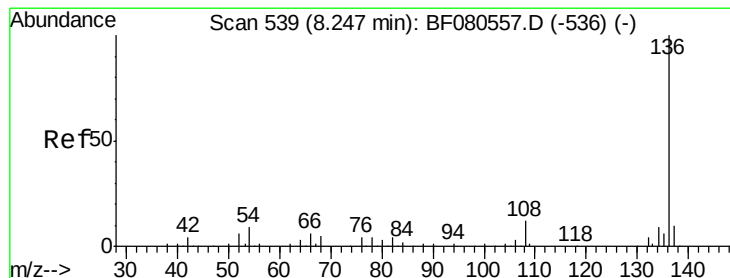
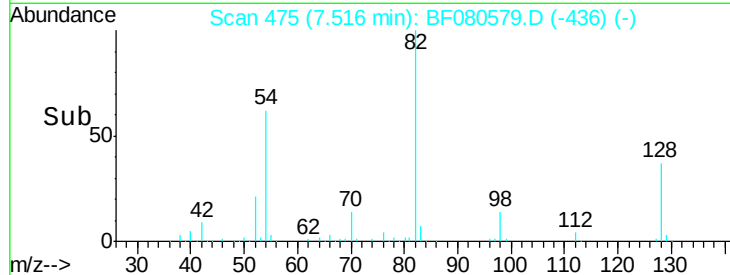
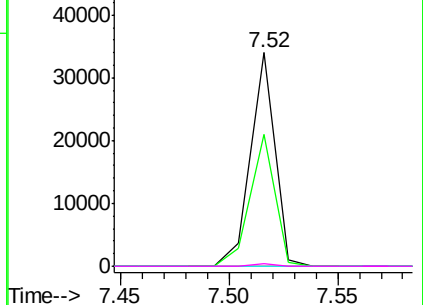


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

Tgt Ion: 136 Resp: 169771

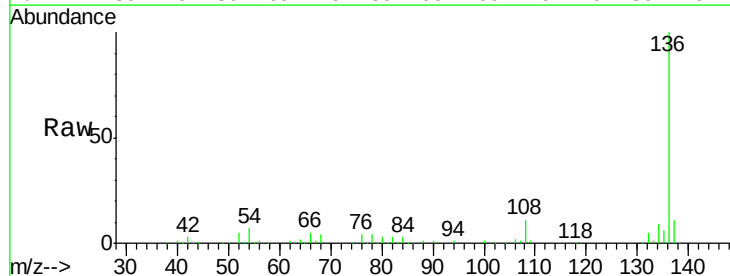
Ion Ratio Lower Upper

136 100

137 10.5 7.8 11.8

54 7.3 7.2 10.8

68 3.6 3.8 5.6#

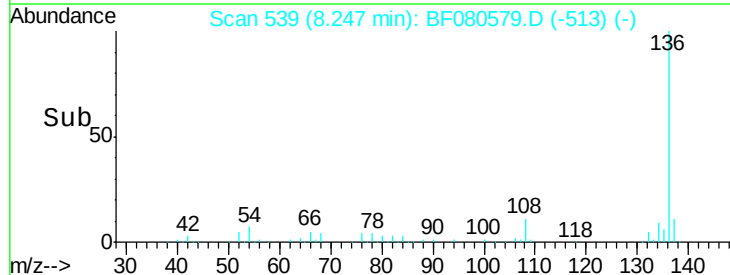
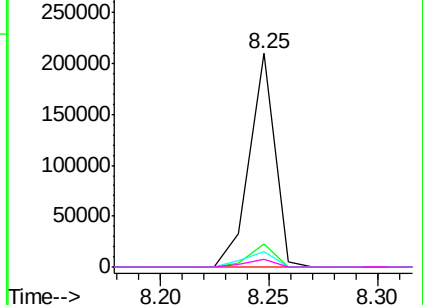


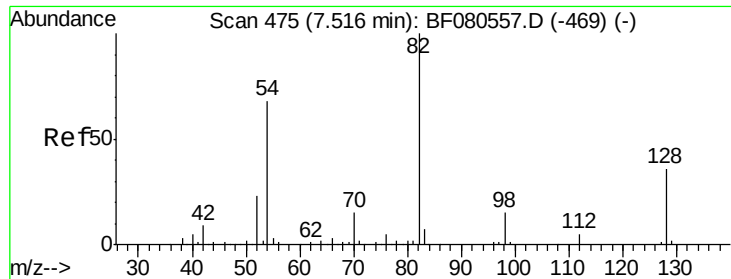
Abundance Ion 136.00 (135.70 to 136.70): E

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

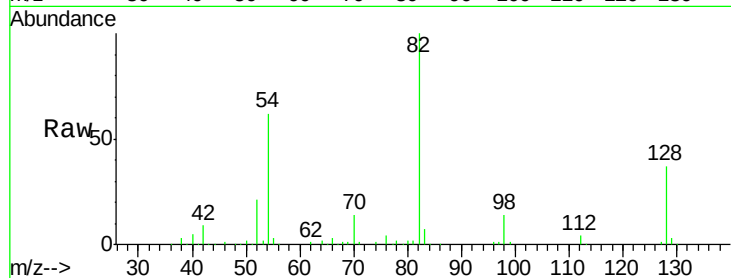




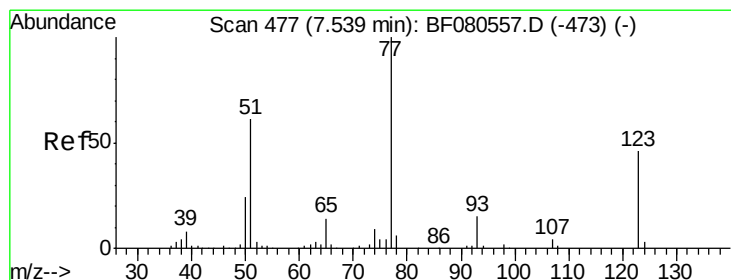
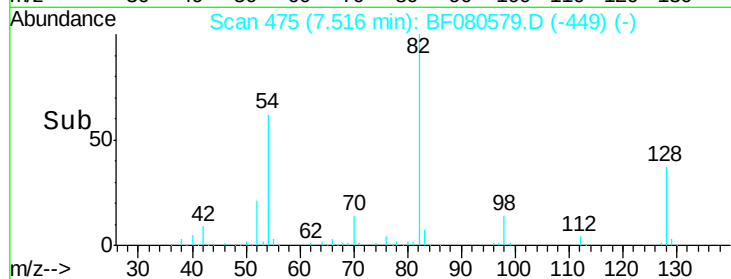
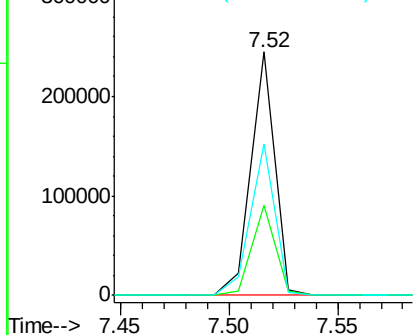
#23
 Nitrobenzene-d5
 Concen: 70.83 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.9	43.3
54	62.5	54.5	81.7

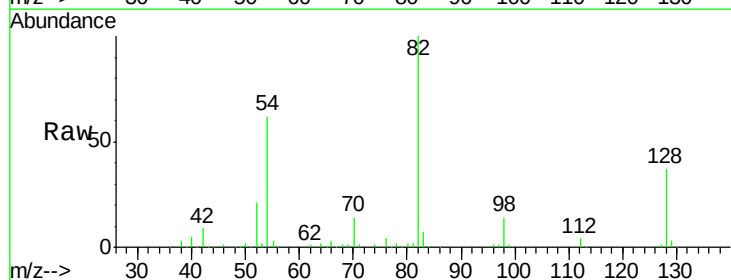


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

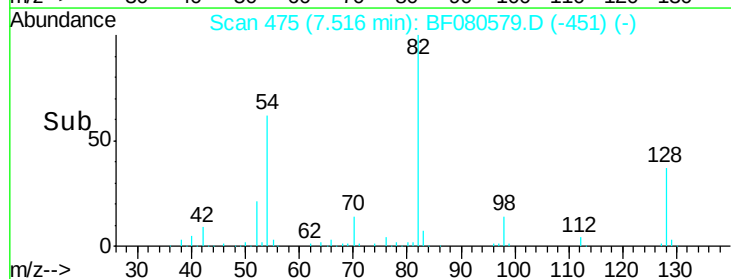
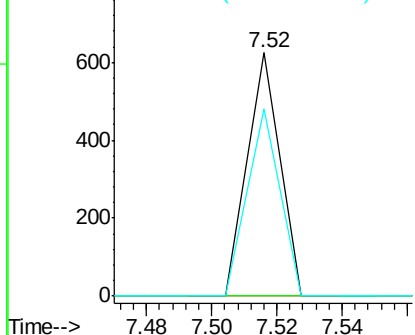


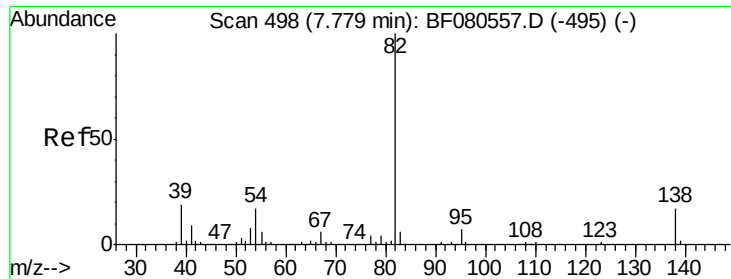
#24
 Nitrobenzene
 Concen: 4.45 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	77.1	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: 30.86 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

Instrument :

BNA_F

ClientSampleId :

PB84616BL

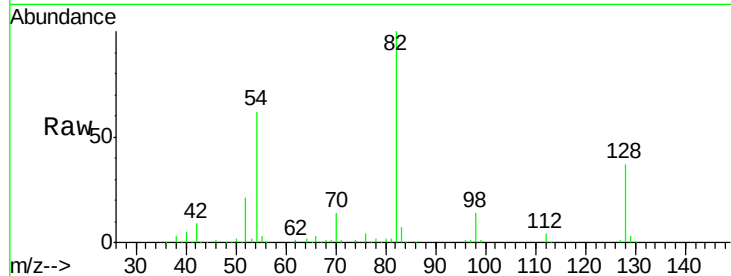
Tgt Ion: 82 Resp: 171798

Ion Ratio Lower Upper

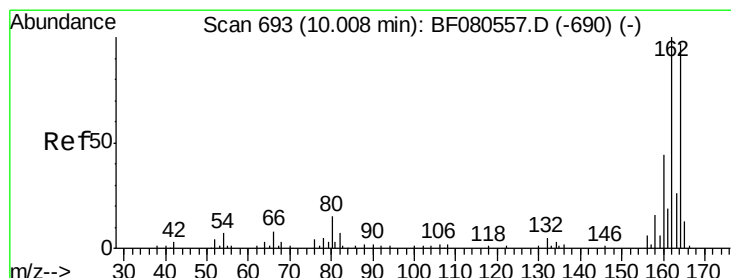
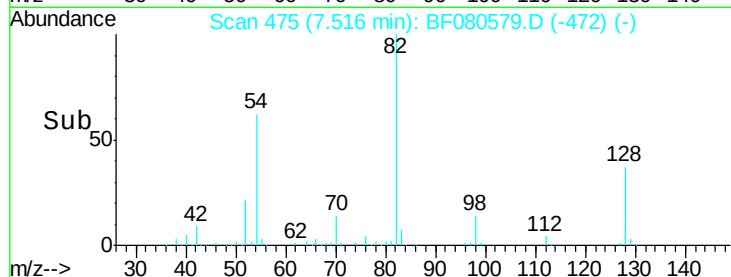
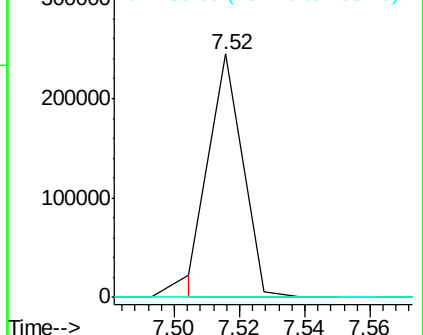
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

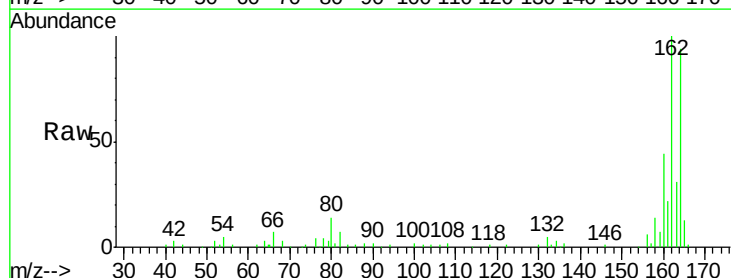
Tgt Ion: 164 Resp: 70359

Ion Ratio Lower Upper

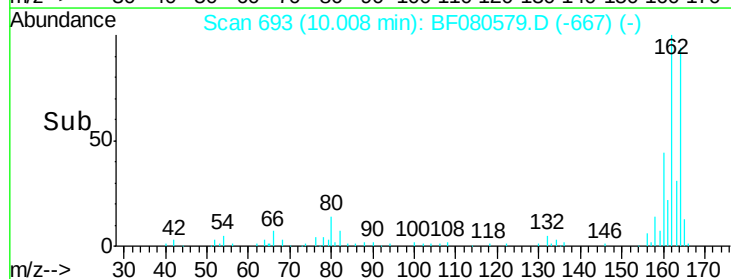
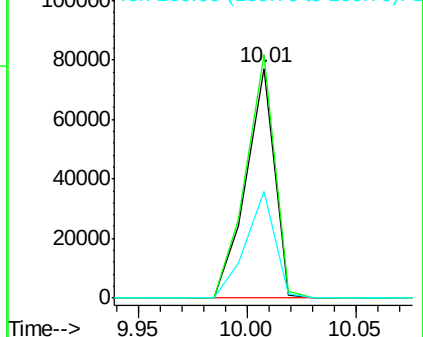
164 100

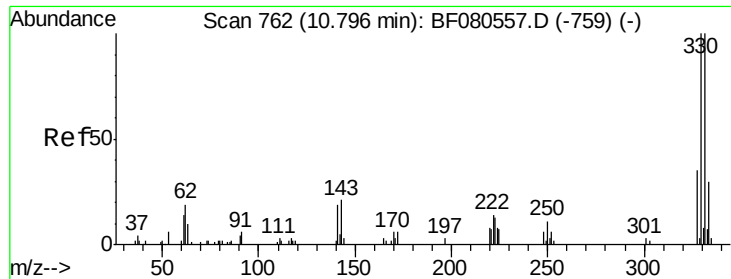
162 105.9 82.2 123.4

160 46.5 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

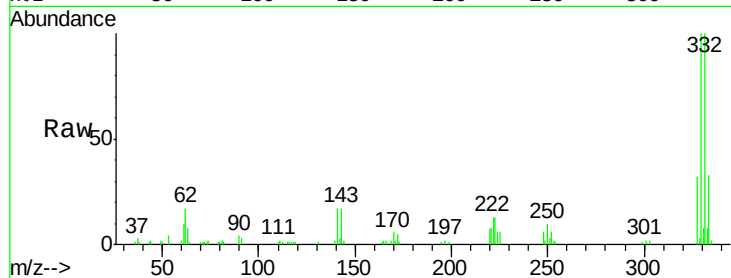




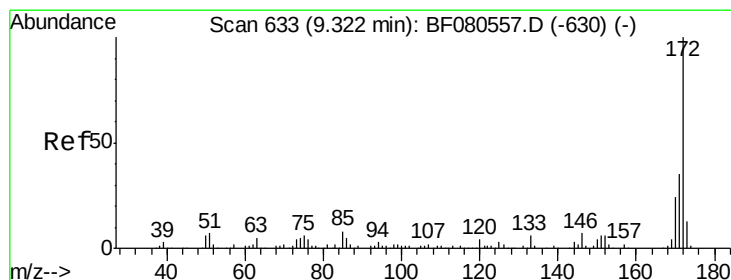
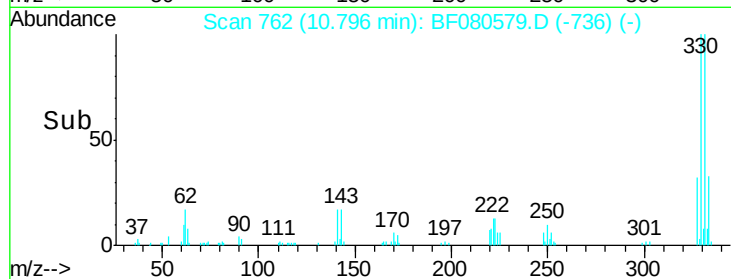
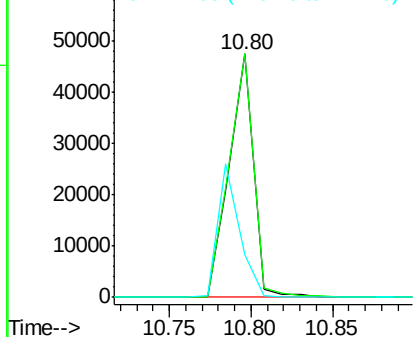
#41
 2,4,6-Tribromophenol
 Concen: 94.76 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BL

Tgt Ion:330 Resp: 48744
 Ion Ratio Lower Upper
 330 100
 332 101.4 78.3 117.5
 141 49.4 37.9 56.9

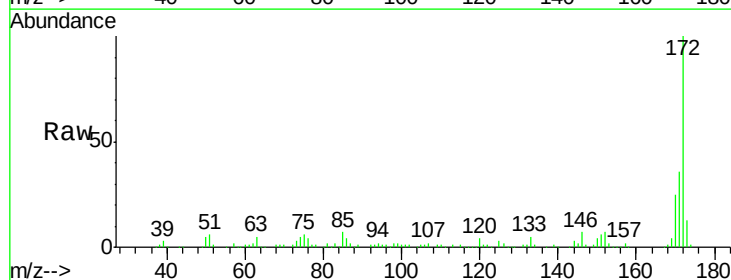


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

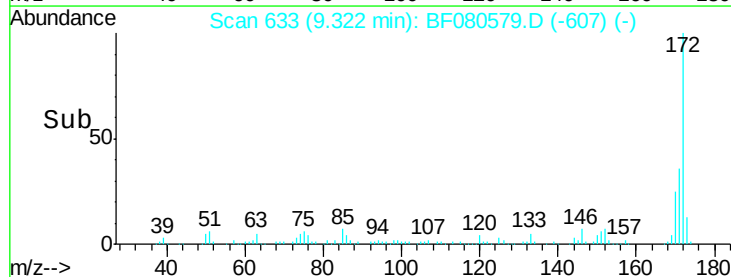
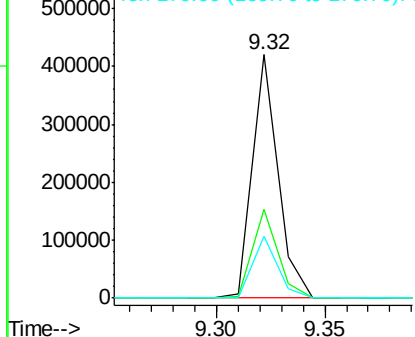


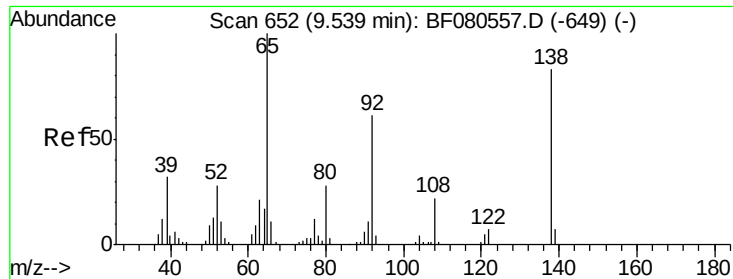
#44
 2-Fluorobiphenyl
 Concen: 69.89 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Tgt Ion:172 Resp: 341978
 Ion Ratio Lower Upper
 172 100
 171 36.3 27.7 41.5
 170 25.5 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: 3.51 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.22 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

Instrument :

BNA_F

ClientSampleId :

PB84616BL

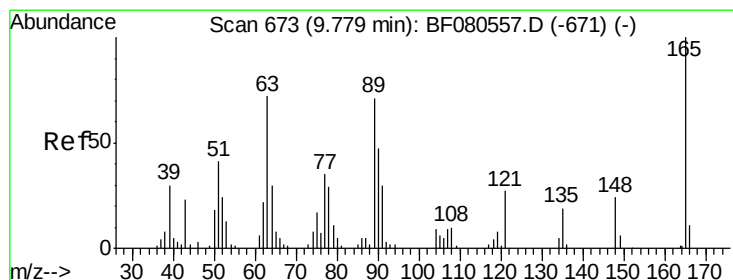
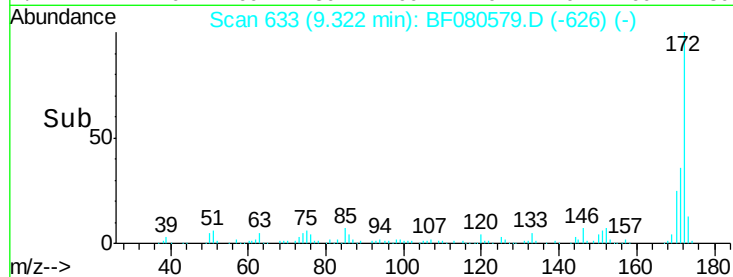
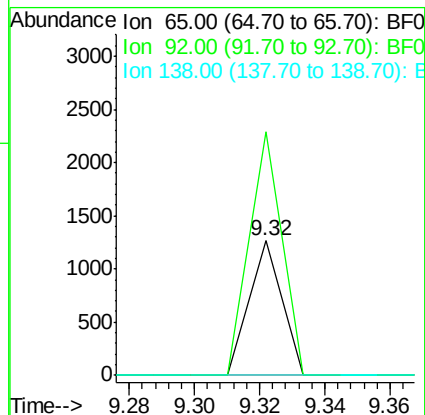
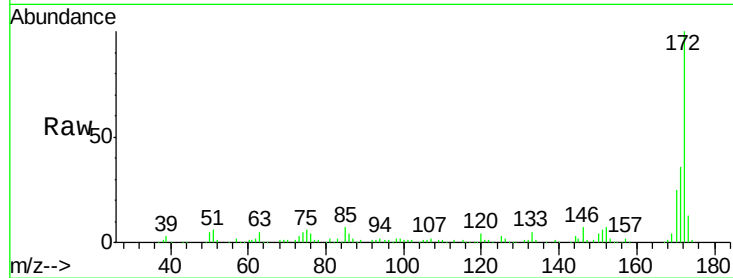
Tgt Ion: 65 Resp: 867

Ion Ratio Lower Upper

65 100

92 180.9 48.7 73.1#

138 0.0 66.8 100.2#



#50

2,6-Dinitrotoluene

Concen: 14.12 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.23 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

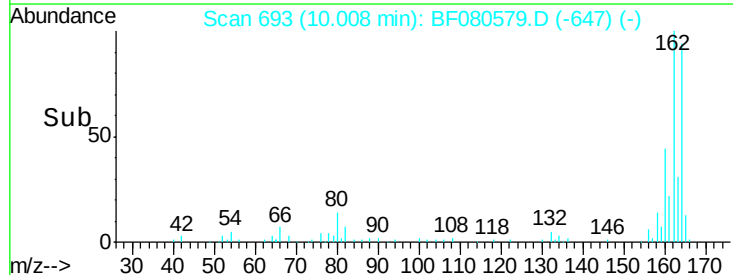
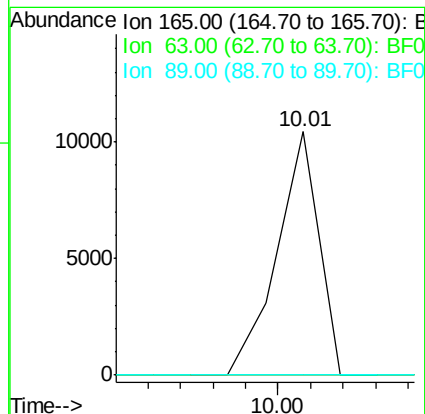
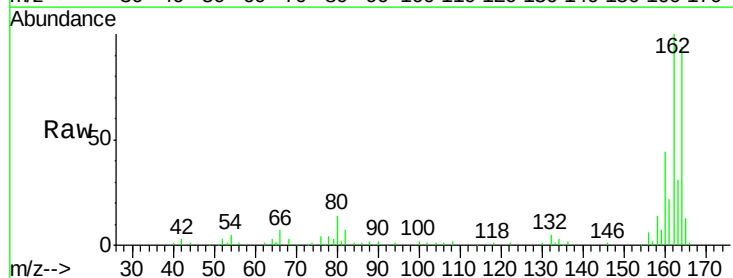
Tgt Ion: 165 Resp: 9288

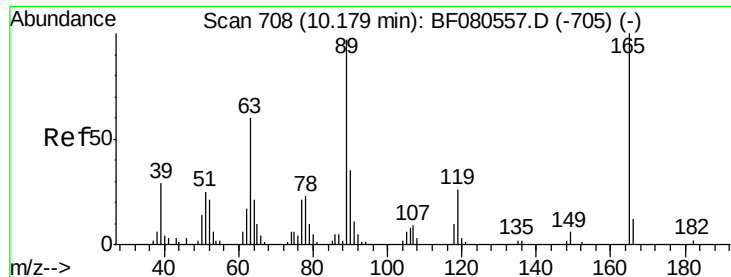
Ion Ratio Lower Upper

165 100

63 0.0 59.0 88.6#

89 0.0 56.9 85.3#

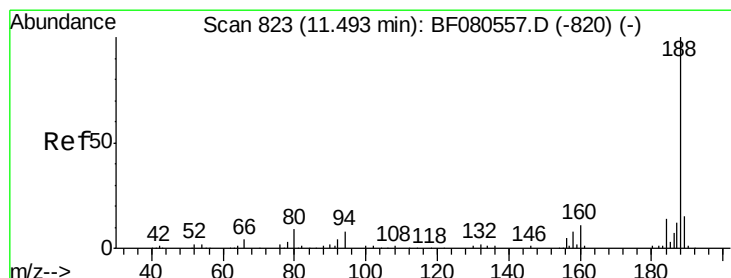
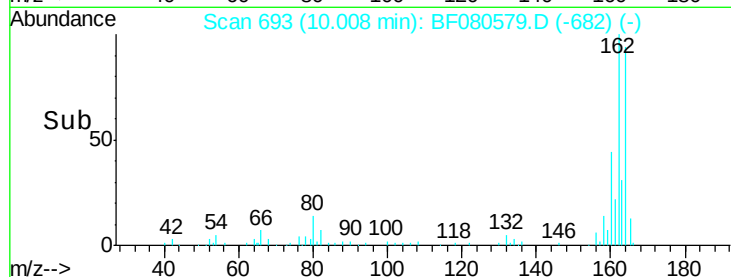
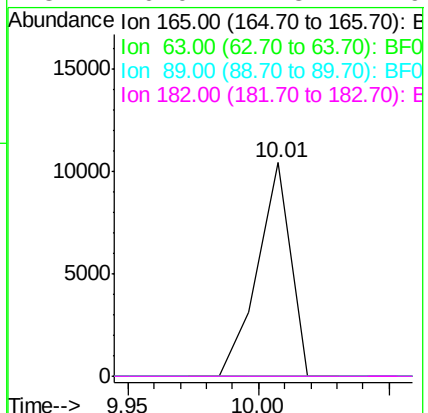
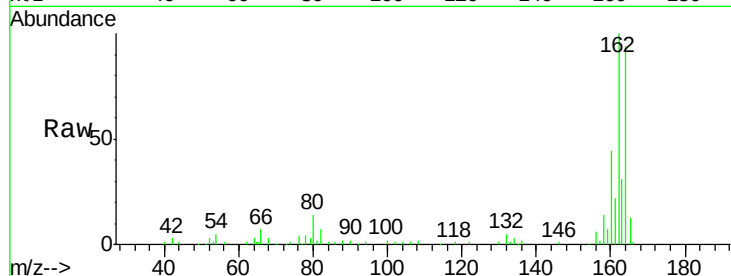




#56
2,4-Dinitrotoluene
Concen: 16.62 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.17 min
Lab File: BF080579.D
Acq: 23 Jul 2015 3:31

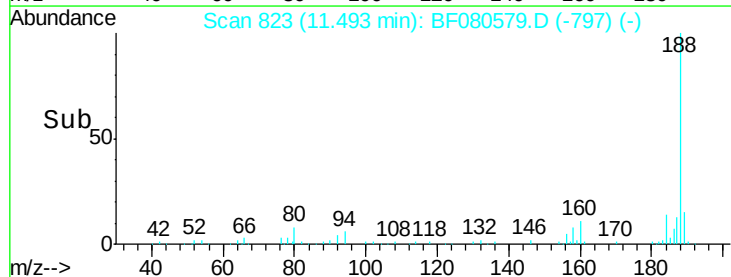
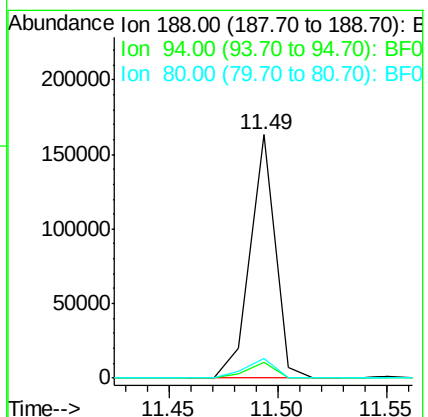
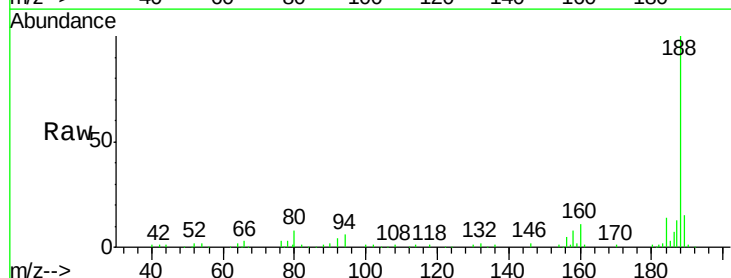
Instrument :
BNA_F
ClientSampleId :
PB84616BL

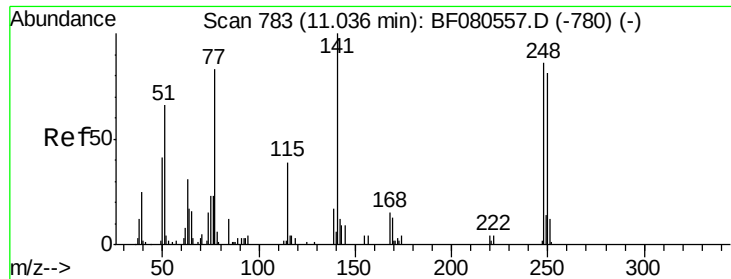
Tgt Ion:165 Resp: 9289
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
89 0.0 77.4 116.0#
182 0.0 1.3 1.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF080579.D
Acq: 23 Jul 2015 3:31

Tgt Ion:188 Resp: 130635
Ion Ratio Lower Upper
188 100
94 6.3 6.1 9.1
80 8.0 7.0 10.6

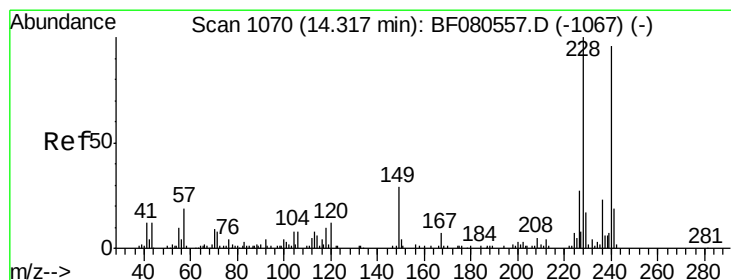
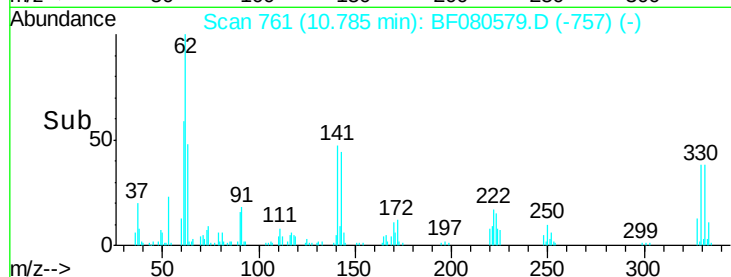
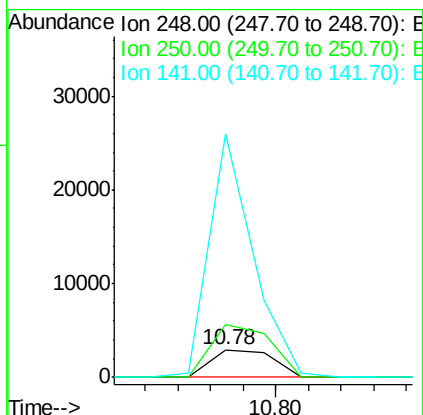
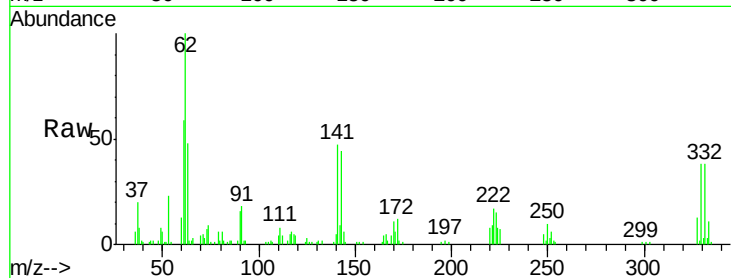




#66
 4-Bromophenyl-phenylether
 Concen: 3.03 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.25 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

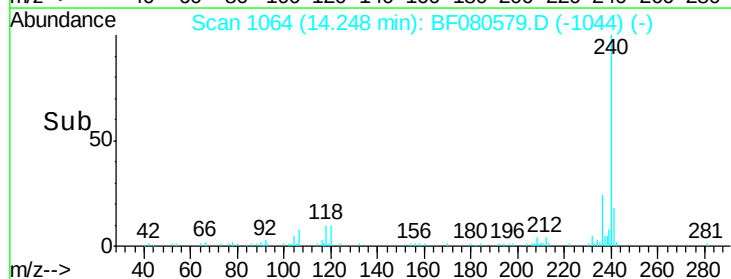
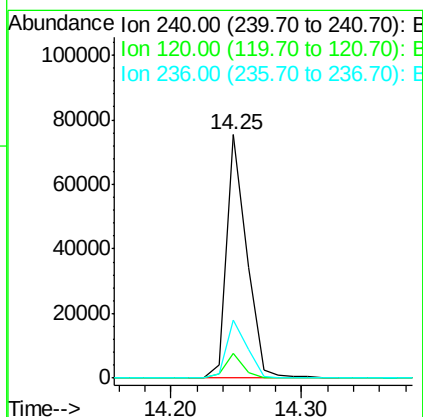
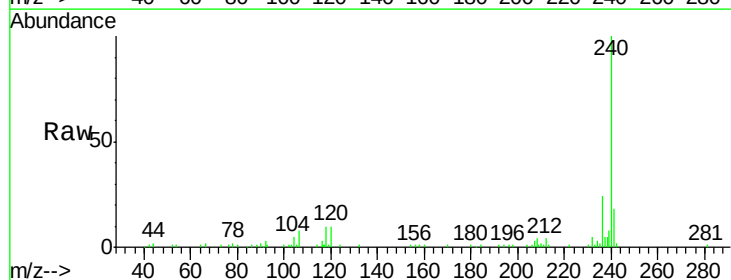
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BL

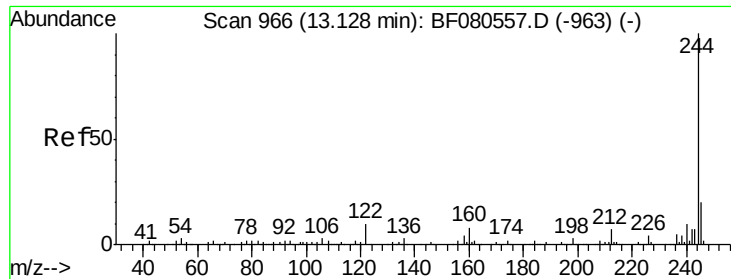
Tgt Ion: 248 Resp: 3811
 Ion Ratio Lower Upper
 248 100
 250 191.6 75.4 113.2#
 141 883.9 93.4 140.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1064
 Delta R.T. -0.07 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Tgt Ion: 240 Resp: 81124
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.9 14.9
 236 23.8 19.1 28.7

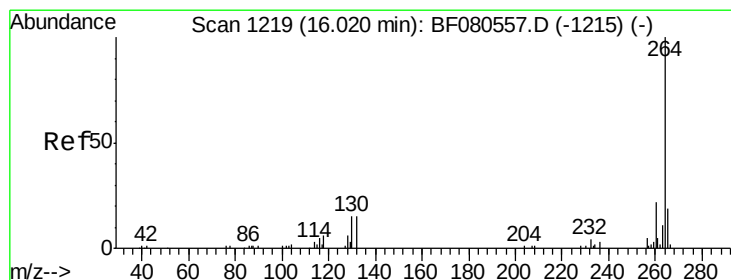
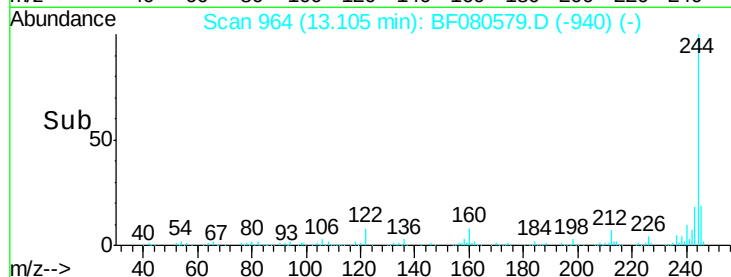
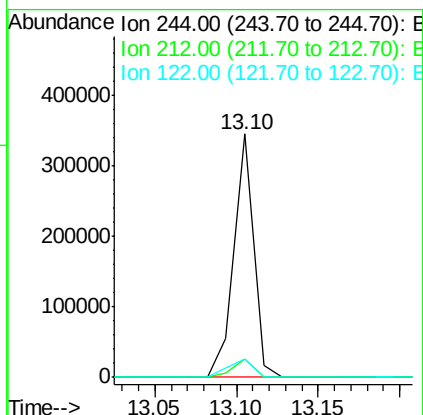
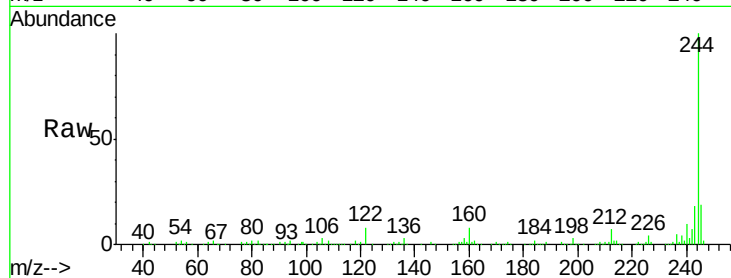




#78
 Terphenyl-d14
 Concen: 72.73 ng
 RT: 13.10 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.7	8.2	12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.89 min Scan# 1208
 Delta R.T. -0.13 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.8	26.8
265	21.2	15.6	23.4

