

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080574.D
 Acq On : 23 Jul 2015 1:06
 Operator : TP/UM
 Sample : G3027-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-12.5-13.0

Quant Time: Jul 23 05:49:14 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	34786	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	131529	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	55779	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	101405	20.00	ng	0.00
75) Chrysene-d12	14.31	240	65828	20.00	ng	-0.01
86) Perylene-d12	15.99	264	40026	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	296392	151.10	ng	0.01
7) Phenol-d6	6.57	99	426401	176.50	ng	0.00
23) Nitrobenzene-d5	7.52	82	232336	113.78	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	74562	176.09	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	404450	104.27	ng	0.00
78) Terphenyl-d14	13.13	244	362340	112.88	ng	0.00

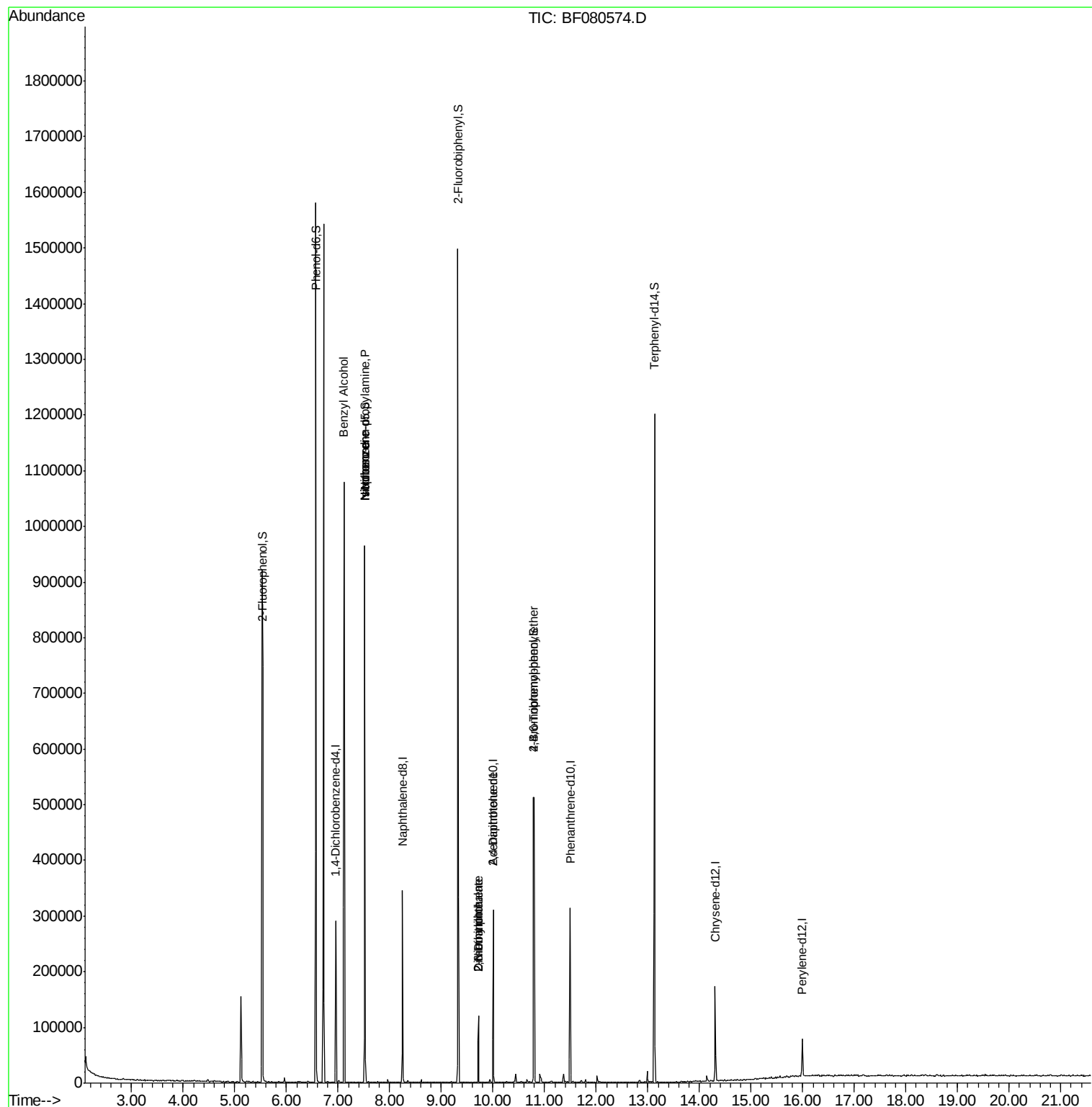
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.12	79	4679	2.34	ng	# 51
19) n-Nitroso-di-n-propylamine	7.52	70	32946	21.23	ng	# 80
24) Nitrobenzene	7.52	77	751	4.60	ng	# 38
25) Isophorone	7.52	82	216905	50.29	ng	# 66
47) 2-Nitroaniline	9.72	65	730	3.58	ng	# 1
49) Dimethylphthalate	9.72	163	58405	14.91	ng	# 97
50) 2,6-Dinitrotoluene	9.72	165	565	4.58	ng	# 54
56) 2,4-Dinitrotoluene	10.01	165	7366	16.63	ng	# 10
66) 4-Bromophenyl-phenylether	10.80	248	4998	5.12	ng	# 1

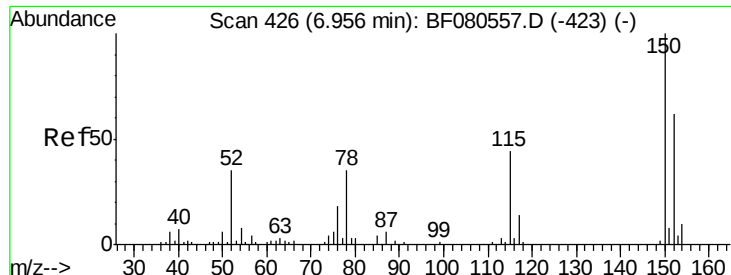
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080574.D

Acq: 23 Jul 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SB-03-12.5-13.0

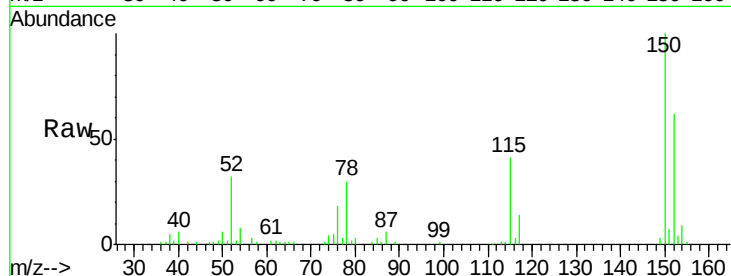
Tgt Ion:152 Resp: 34786

Ion Ratio Lower Upper

152 100

150 160.6 128.7 193.1

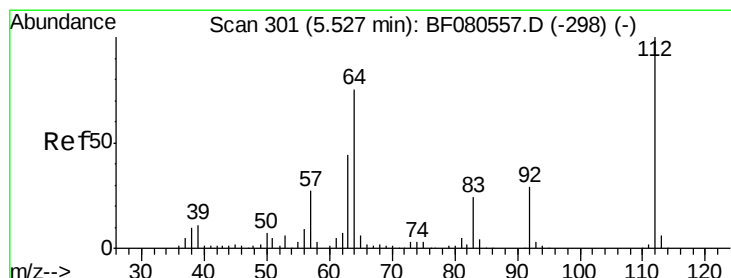
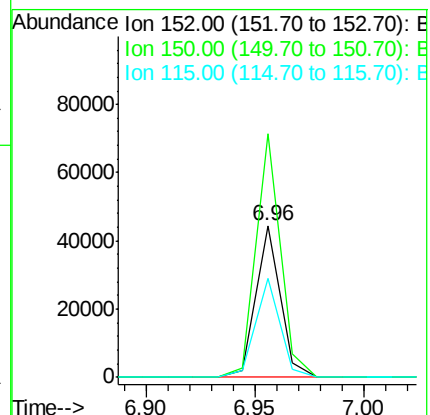
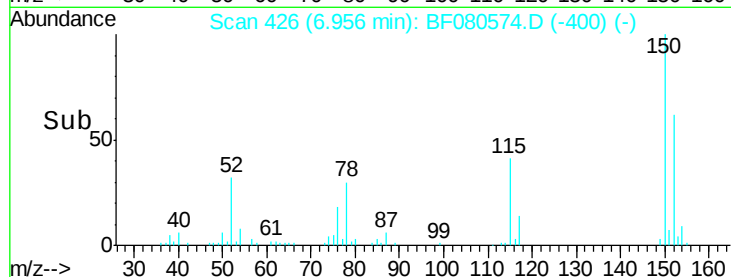
115 65.6 56.8 85.2



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: 151.10 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

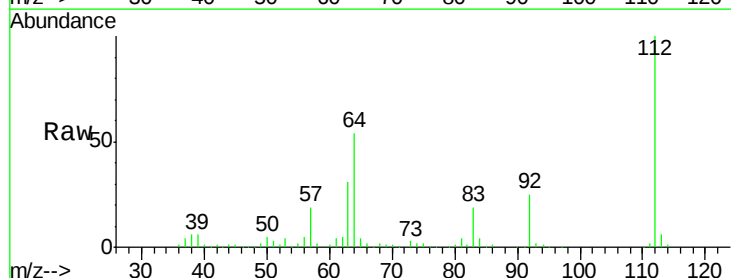
Tgt Ion:112 Resp: 296392

Ion Ratio Lower Upper

112 100

64 53.7 60.2 90.2#

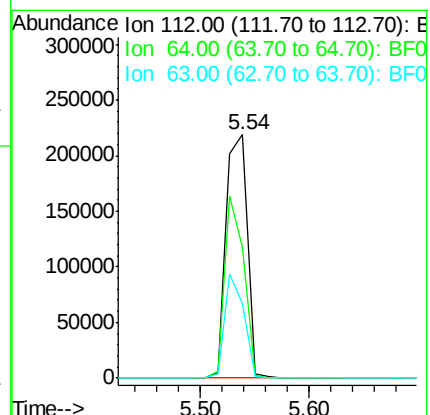
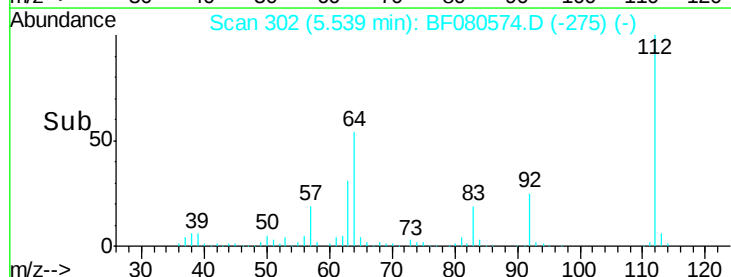
63 30.9 34.8 52.2#

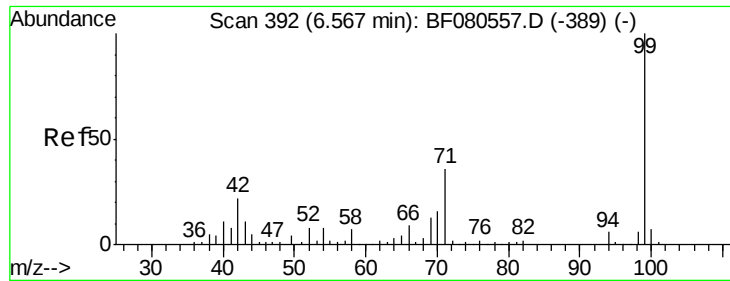


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 176.50 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SB-03-12.5-13.0

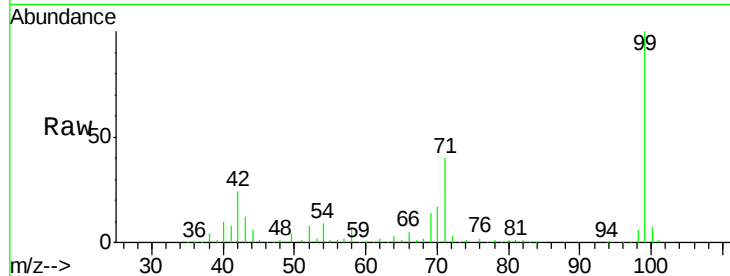
Tgt Ion: 99 Resp: 426401

Ion Ratio Lower Upper

99 100

42 23.7 17.4 26.2

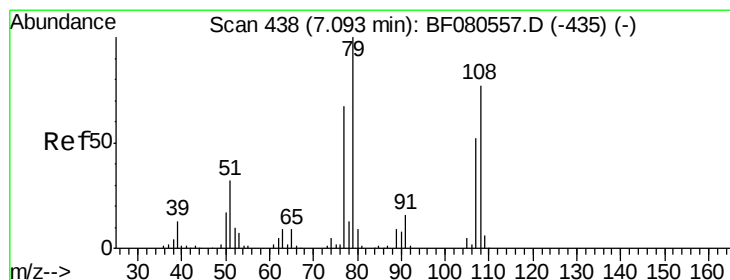
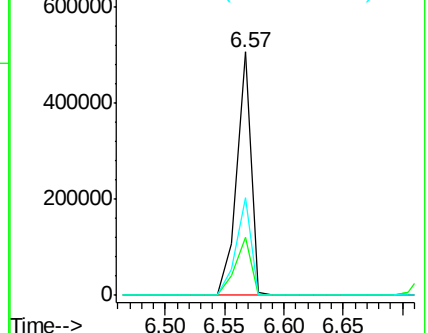
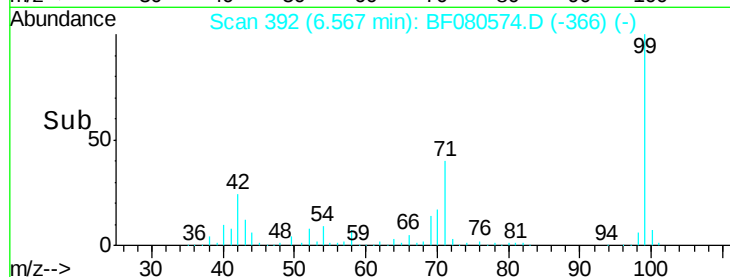
71 40.4 29.0 43.6



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: 2.34 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

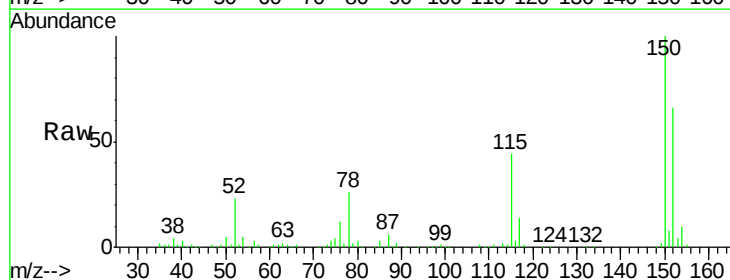
Tgt Ion: 79 Resp: 4679

Ion Ratio Lower Upper

79 100

108 35.7 61.5 92.3#

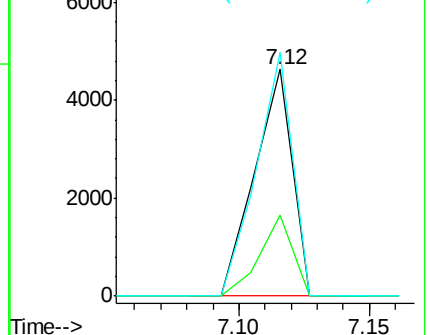
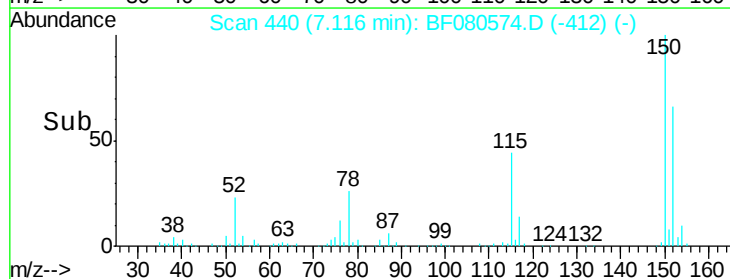
77 107.4 53.6 80.4#

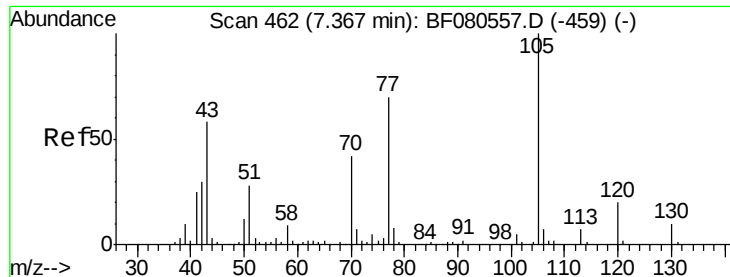


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

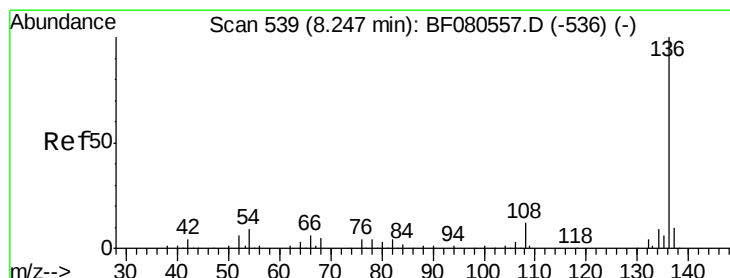
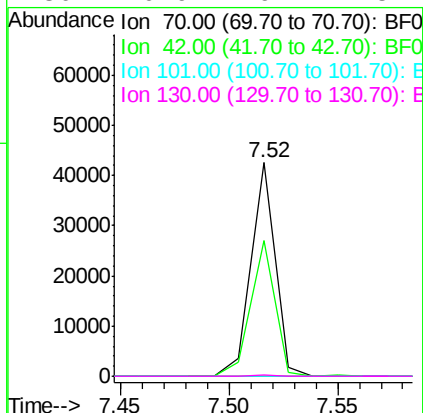
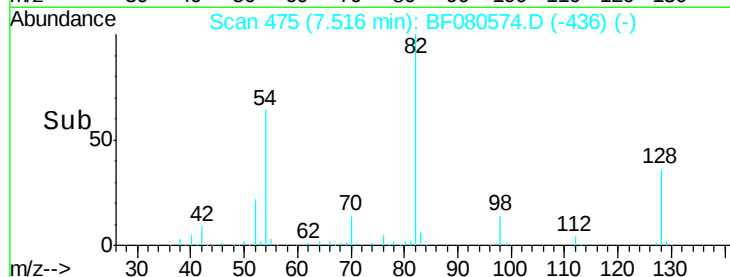
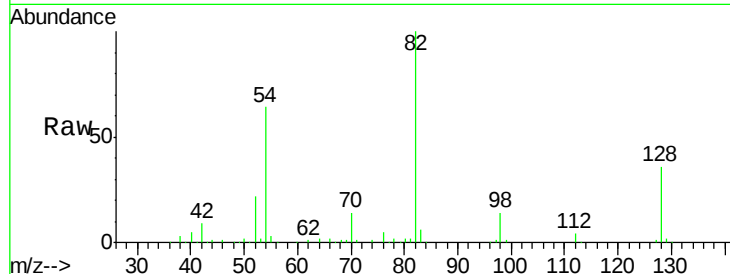




#19
n-Nitroso-di-n-propylamine
Concen: 21.23 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.15 min
Lab File: BF080574.D
Acq: 23 Jul 2015 1:06

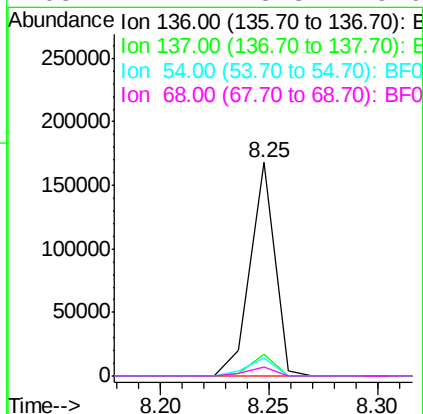
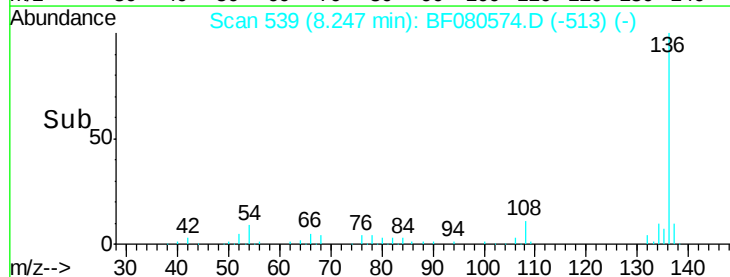
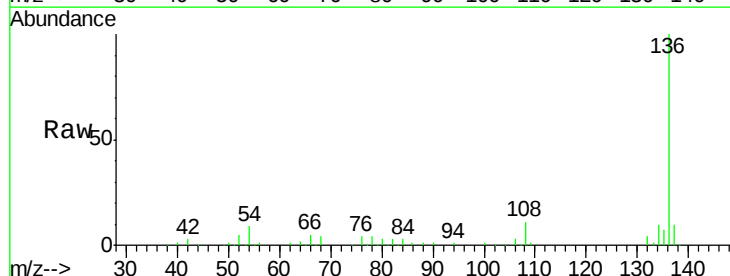
Instrument :
BNA_F
ClientSampleId :
SB-03-12.5-13.0

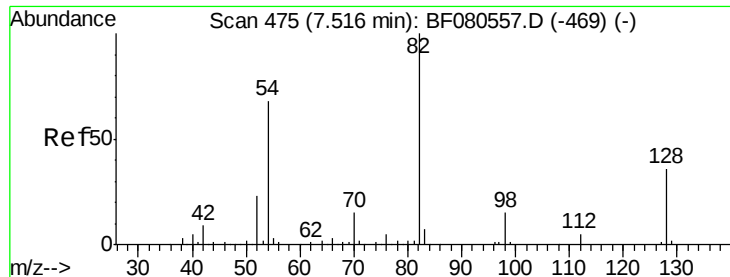
Tgt Ion: 70 Resp: 32946
Ion Ratio Lower Upper
70 100
42 63.4 56.6 85.0
101 0.0 9.7 14.5#
130 0.9 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF080574.D
Acq: 23 Jul 2015 1:06

Tgt Ion: 136 Resp: 131529
Ion Ratio Lower Upper
136 100
137 10.0 7.8 11.8
54 8.6 7.2 10.8
68 4.1 3.8 5.6

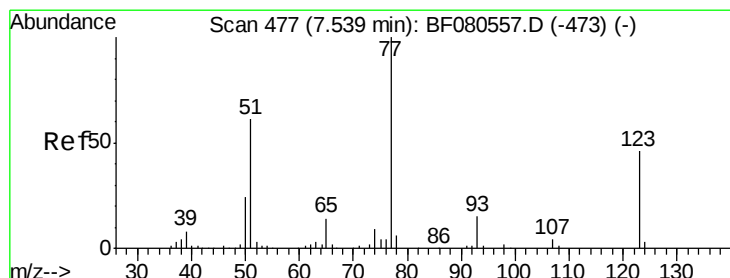
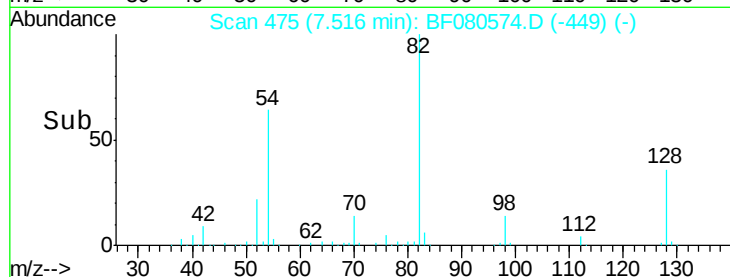
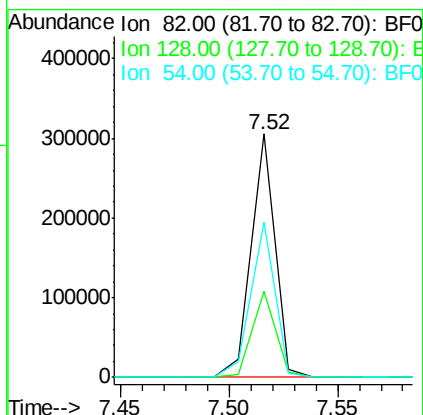
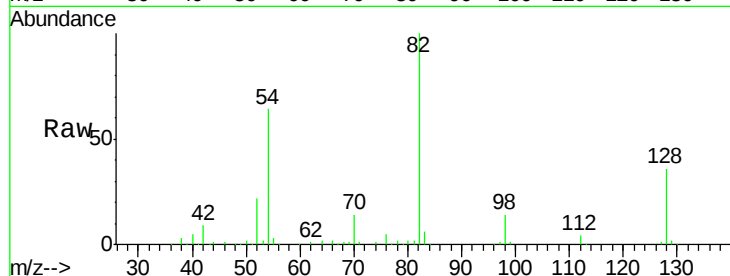




#23
 Nitrobenzene-d5
 Concen: 113.78 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080574.D
 Acq: 23 Jul 2015 1:06

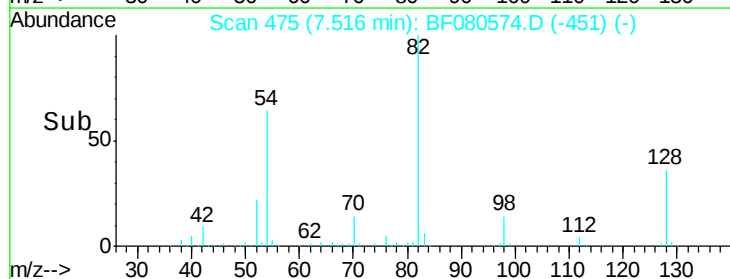
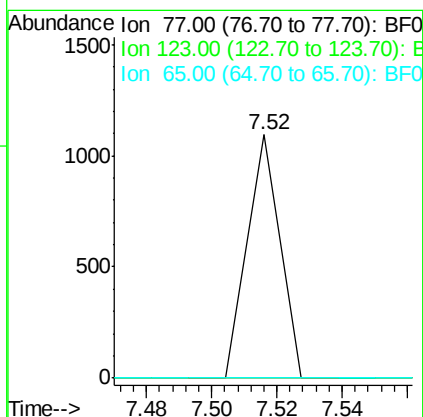
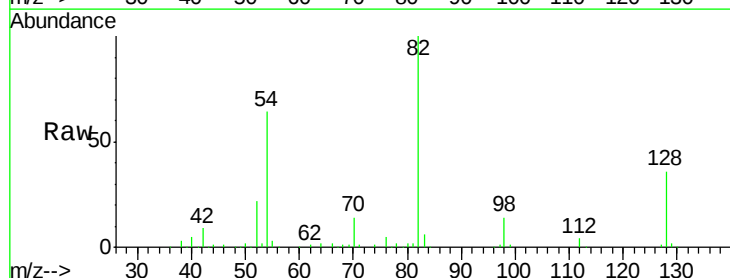
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-12.5-13.0

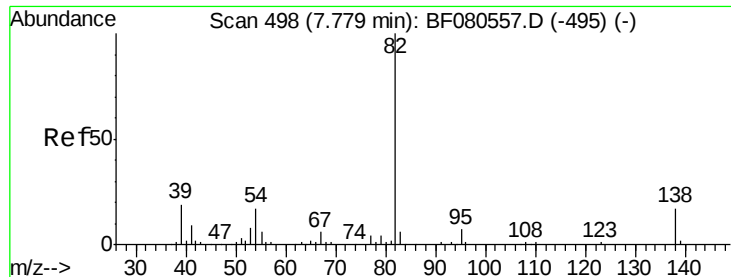
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.9	43.3
54	63.9	54.5	81.7



#24
 Nitrobenzene
 Concen: 4.60 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080574.D
 Acq: 23 Jul 2015 1:06

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





#25

Isophorone

Concen: 50.29 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SB-03-12.5-13.0

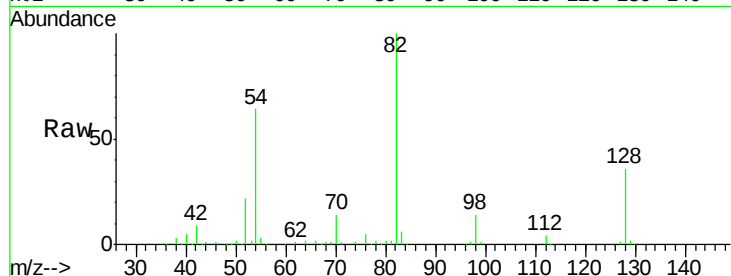
Tgt Ion: 82 Resp: 216905

Ion Ratio Lower Upper

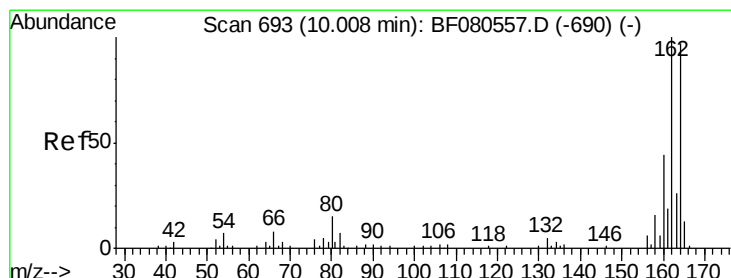
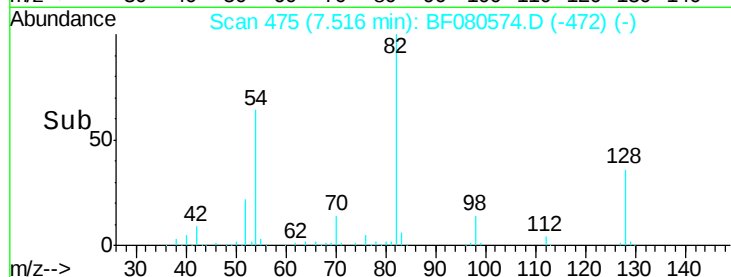
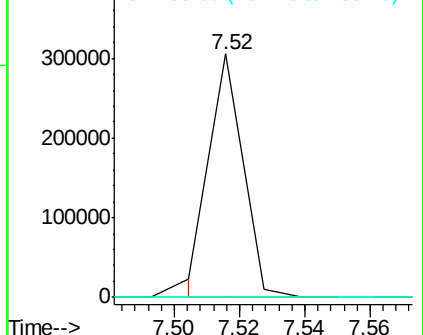
82 100

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: BF080574.D

Acq: 23 Jul 2015 1:06

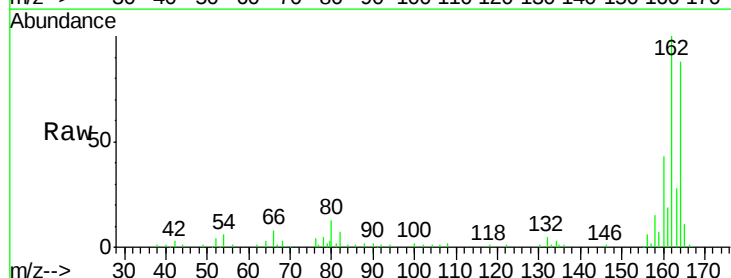
Tgt Ion: 164 Resp: 55779

Ion Ratio Lower Upper

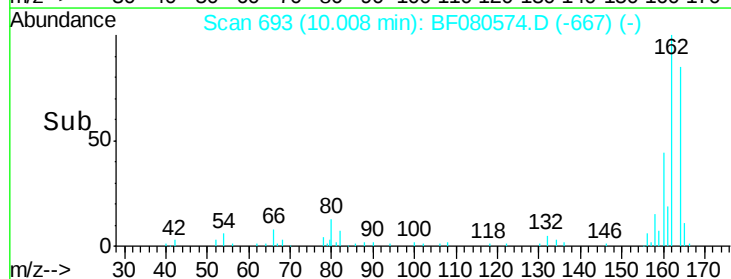
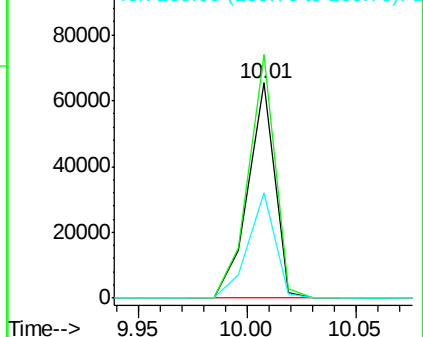
164 100

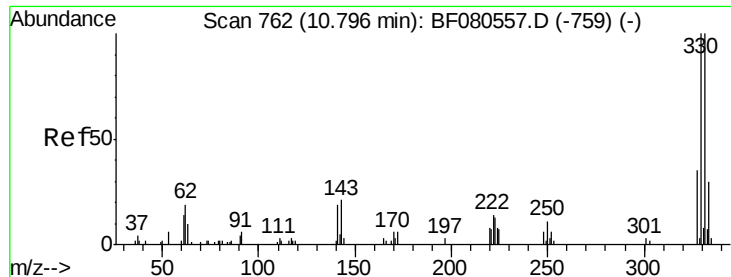
162 113.1 82.2 123.4

160 49.1 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

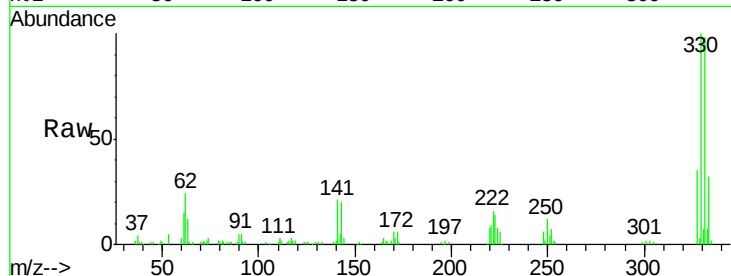




#41
 2,4,6-Tribromophenol
 Concen: 176.09 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080574.D
 Acq: 23 Jul 2015 1:06

Instrument :
 BNA_F
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 SB-03-12.5-13.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.3	117.5
141	45.5	37.9	56.9

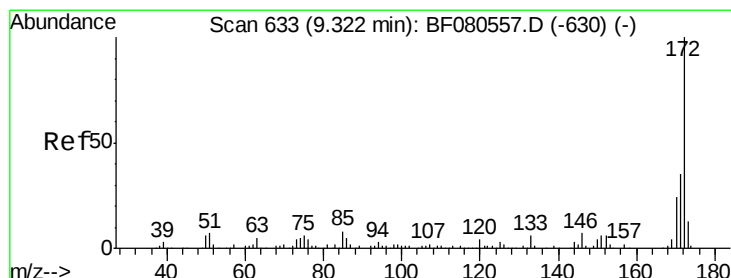
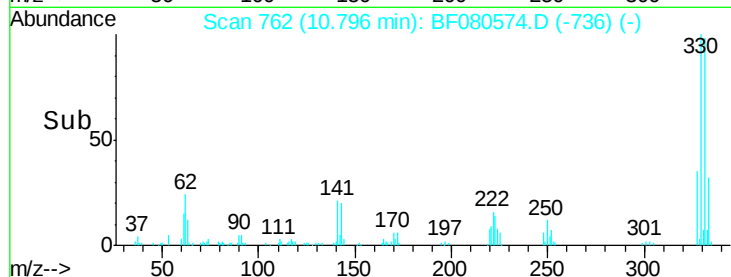
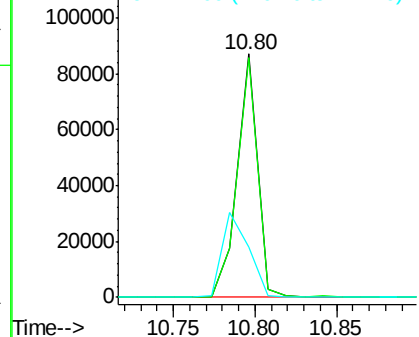


Abundance

Ion 329.80 (329.50 to 330.50): E

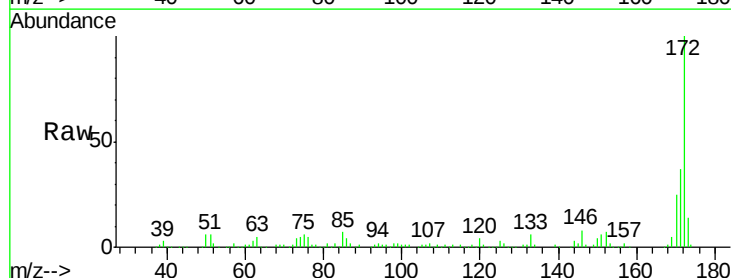
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.27 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080574.D
 Acq: 23 Jul 2015 1:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.7	41.5
170	25.1	19.1	28.7

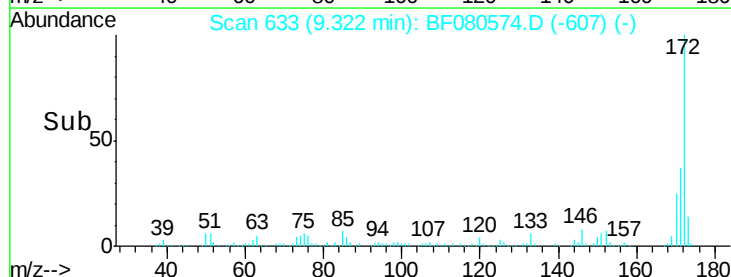
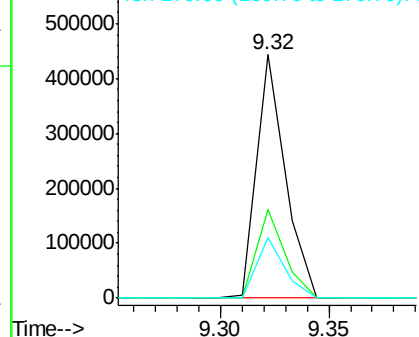


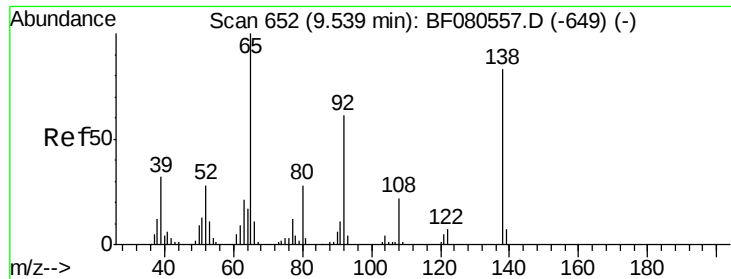
Abundance

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: 3.58 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.18 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SB-03-12.5-13.0

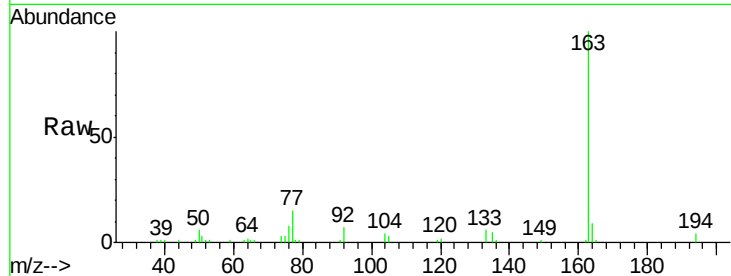
Tgt Ion: 65 Resp: 730

Ion Ratio Lower Upper

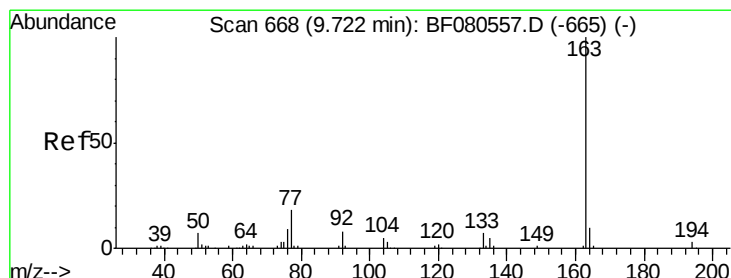
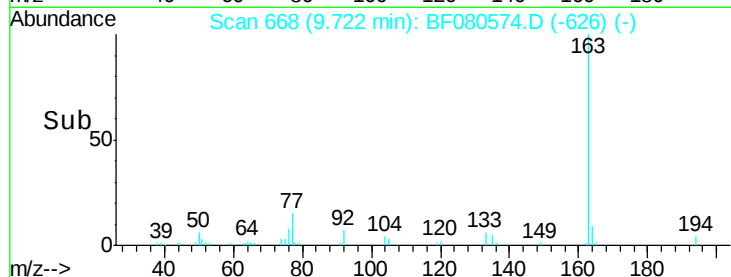
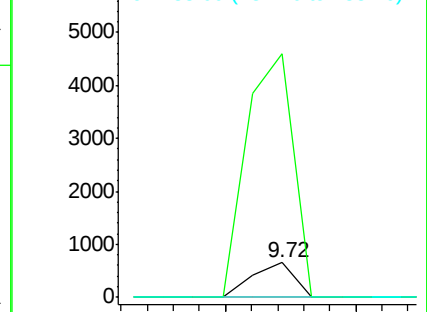
65 100

92 706.1 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: 14.91 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

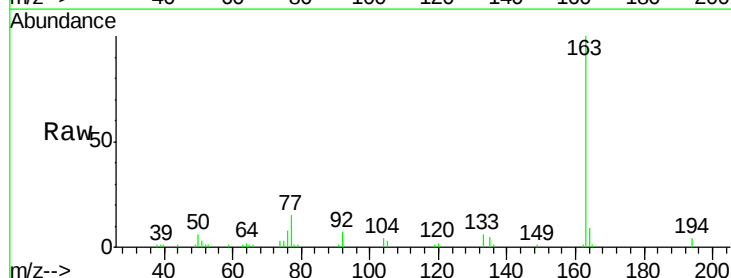
Tgt Ion: 163 Resp: 58405

Ion Ratio Lower Upper

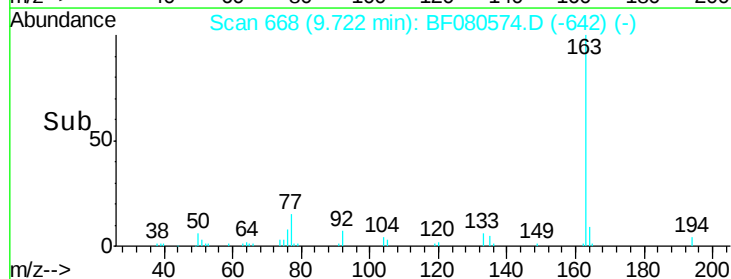
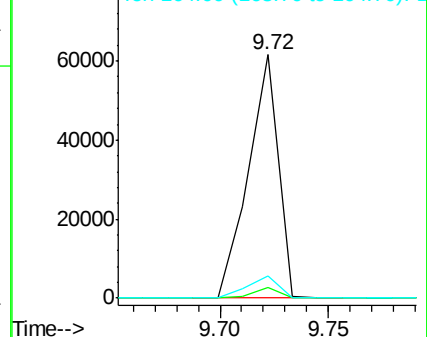
163 100

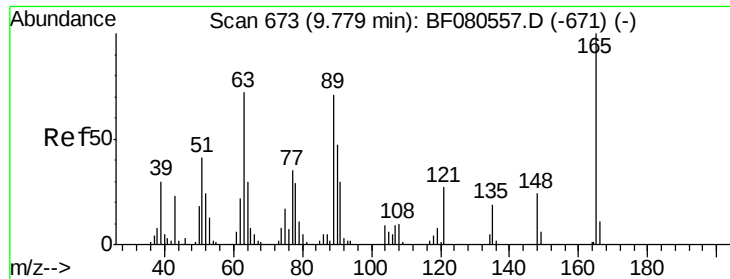
194 4.2 2.5 3.7#

164 9.1 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: 4.58 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SB-03-12.5-13.0

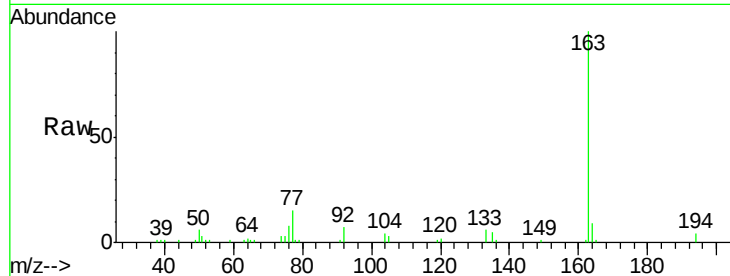
Tgt Ion:165 Resp: 565

Ion Ratio Lower Upper

165 100

63 79.7 59.0 88.6

89 0.0 56.9 85.3#

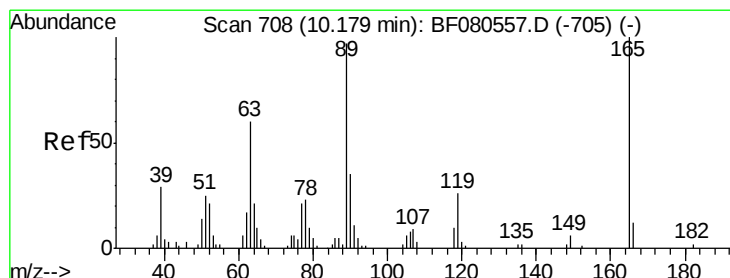
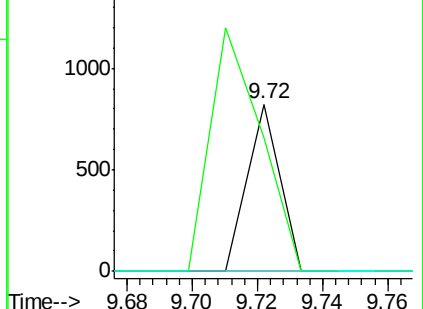
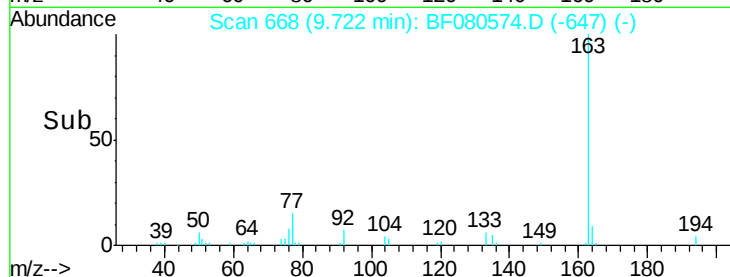


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->



#56

2,4-Dinitrotoluene

Concen: 16.63 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.17 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

Tgt Ion:165 Resp: 7366

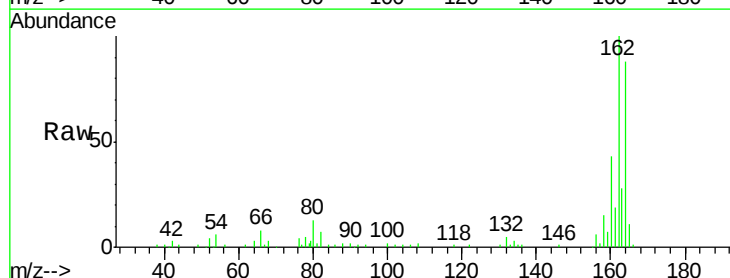
Ion Ratio Lower Upper

165 100

63 0.0 48.1 72.1#

89 0.0 77.4 116.0#

182 0.0 1.3 1.9#



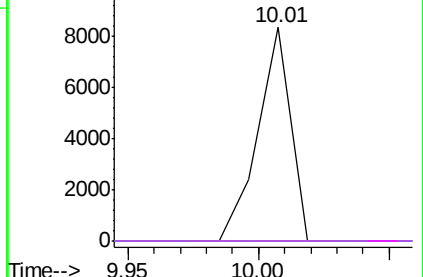
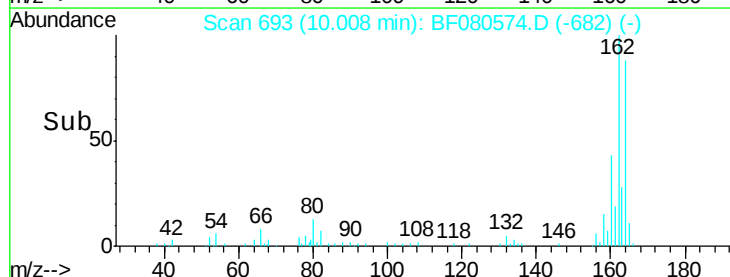
Abundance Ion 165.00 (164.70 to 165.70): E

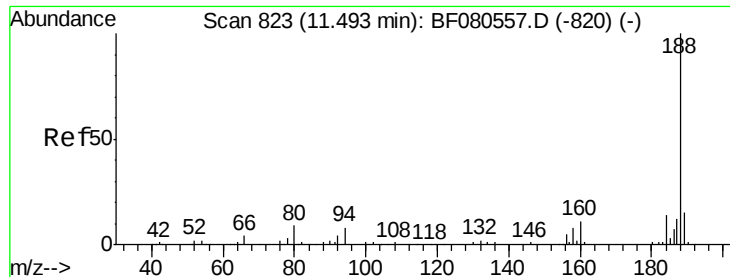
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->

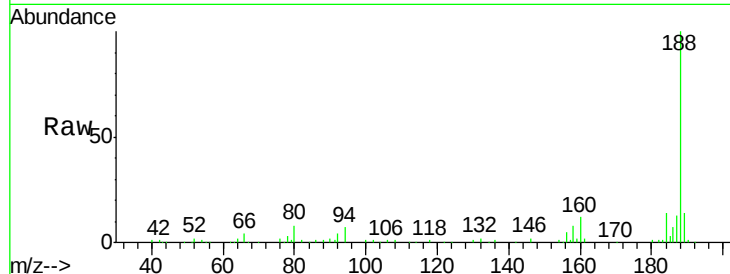




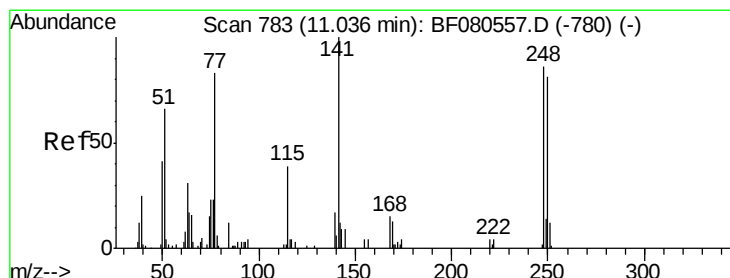
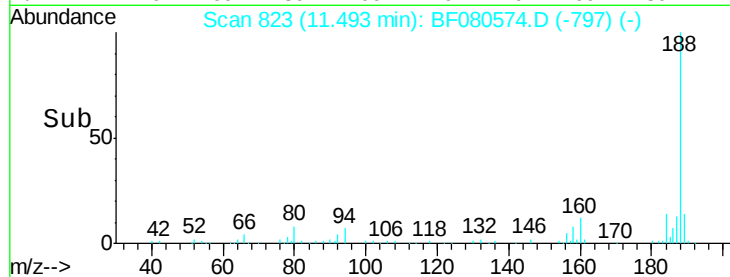
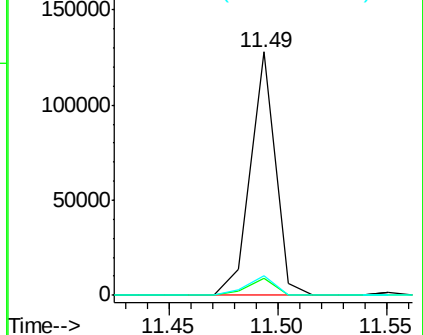
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF080574.D
Acq: 23 Jul 2015 1:06

Instrument :
BNA_F
ClientSampleId :
SB-03-12.5-13.0

Tgt Ion:188 Resp: 101405
Ion Ratio Lower Upper
188 100
94 7.2 6.1 9.1
80 8.3 7.0 10.6

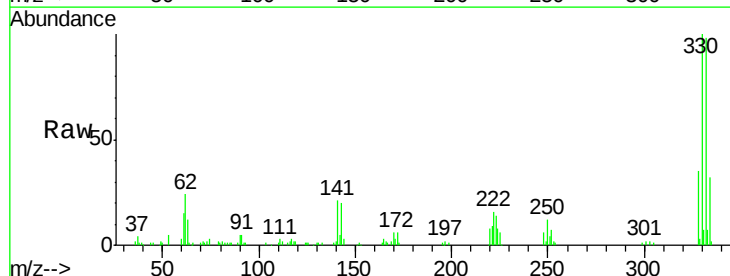


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

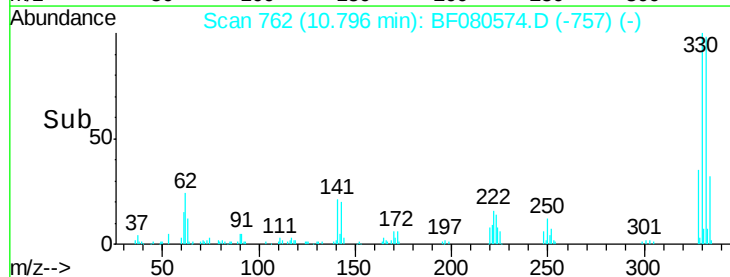
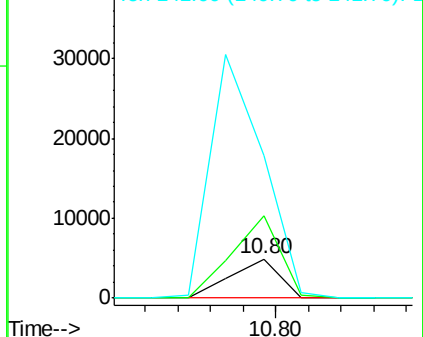


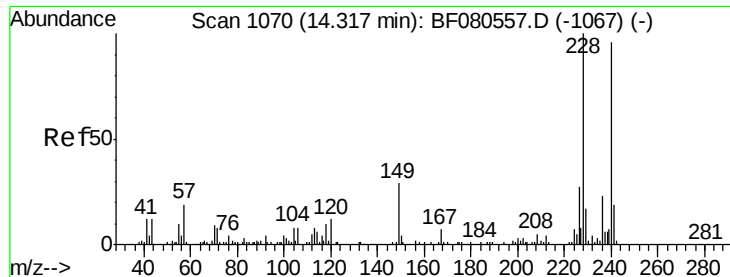
#66
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF080574.D
Acq: 23 Jul 2015 1:06

Tgt Ion:248 Resp: 4998
Ion Ratio Lower Upper
248 100
250 212.2 75.4 113.2#
141 367.5 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: 14.31 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SB-03-12.5-13.0

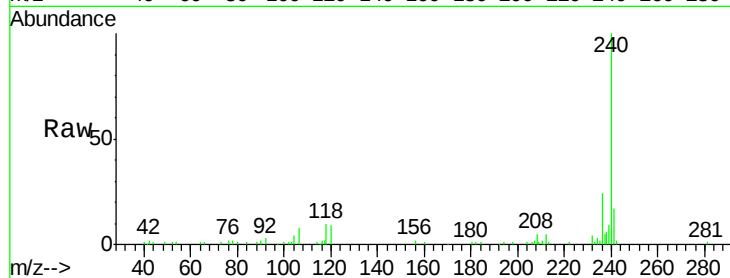
Tgt Ion:240 Resp: 65828

Ion Ratio Lower Upper

240 100

120 9.0 9.9 14.9#

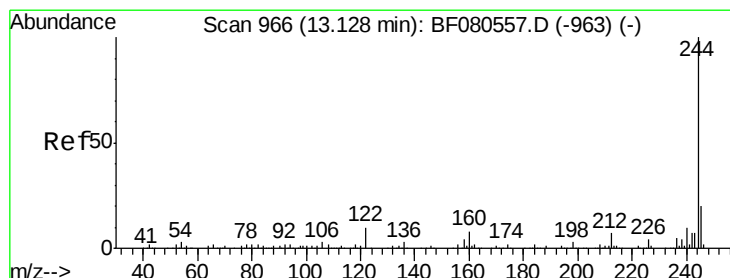
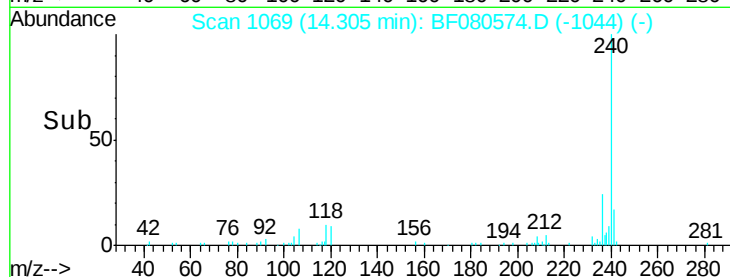
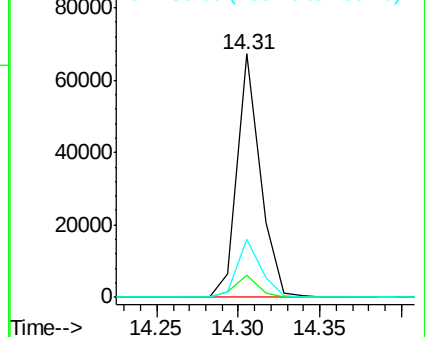
236 23.9 19.1 28.7



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: 112.88 ng

RT: 13.13 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF080574.D

Acq: 23 Jul 2015 1:06

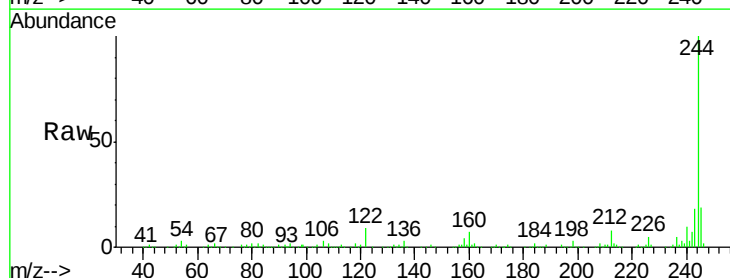
Tgt Ion:244 Resp: 362340

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

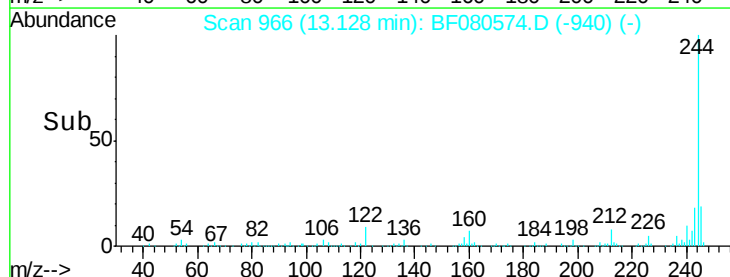
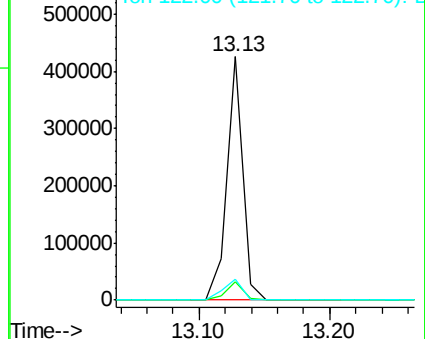
122 8.6 8.2 12.2

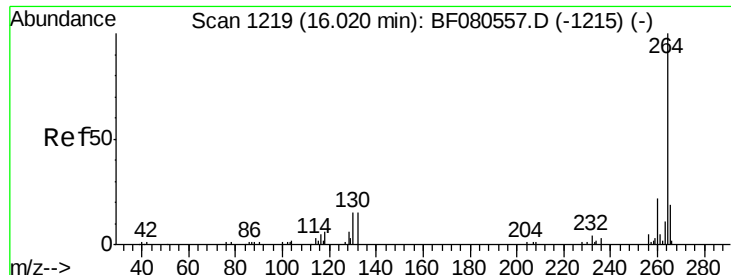


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BF080574.D
Acq: 23 Jul 2015 1:06

Instrument :
BNA_F
ClientSampleId :
SB-03-12.5-13.0

Tgt Ion: 264 Resp: 40026
Ion Ratio Lower Upper
264 100
260 25.7 17.8 26.8
265 24.2 15.6 23.4#

