

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080657.D
 Acq On : 25 Jul 2015 8:25
 Operator : TP/UM
 Sample : G3079-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-22-15

Quant Time: Jul 27 01:16:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

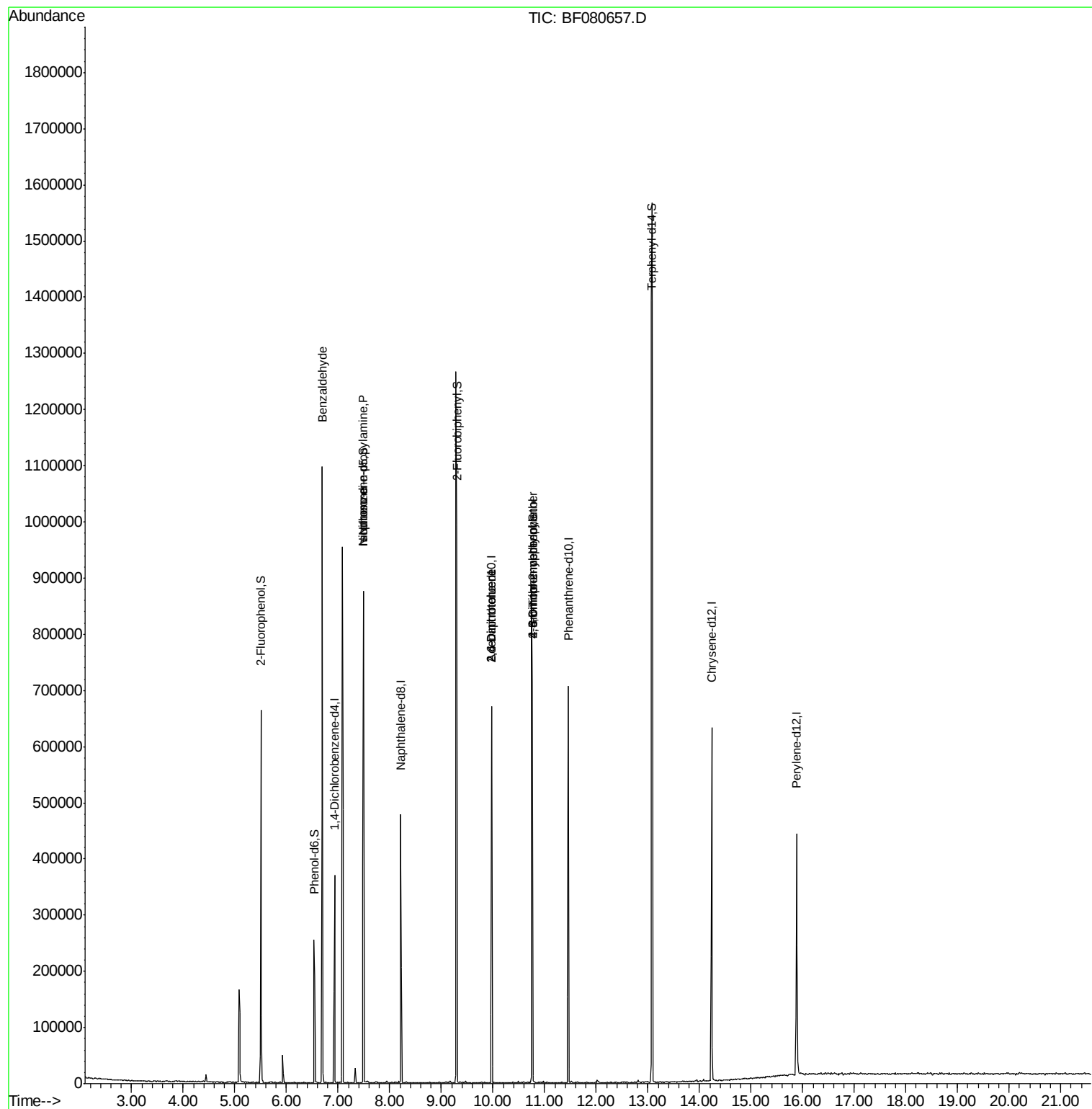
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58214	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	222540	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	123279	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	246531	20.00	ng	0.00
75) Chrysene-d12	14.24	240	241753	20.00	ng	0.08
86) Perylene-d12	15.88	264	213941	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	148186	42.86	ng	0.00
7) Phenol-d6	6.53	99	98608	23.88	ng	-0.01
23) Nitrobenzene-d5	7.49	82	283356	63.95	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	124730	112.61	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	522566	65.40	ng	0.00
78) Terphenyl-d14	13.08	244	716225	63.79	ng	0.02
Target Compounds						
9) Benzaldehyde	6.69	77	7793	2.89	ng	# 76
19) n-Nitroso-di-n-propylamine	7.49	70	39532	13.27	ng	# 61
25) Isophorone	7.49	82	283057	36.42	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	15137	9.62	ng	# 2
56) 2,4-Dinitrotoluene	9.97	165	15138	7.28	ng	# 3
64) 4,6-Dinitro-2-methylphenol	10.76	198	435	6.64	ng	# 26
66) 4-Bromophenyl-phenylether	10.76	248	8294	3.57	ng	# 1

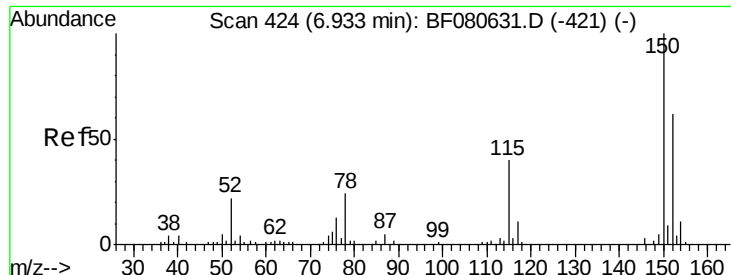
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080657.D
Acq On : 25 Jul 2015 8:25
Operator : TP/UM
Sample : G3079-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-22-15

Quant Time: Jul 27 01:16:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-22-15

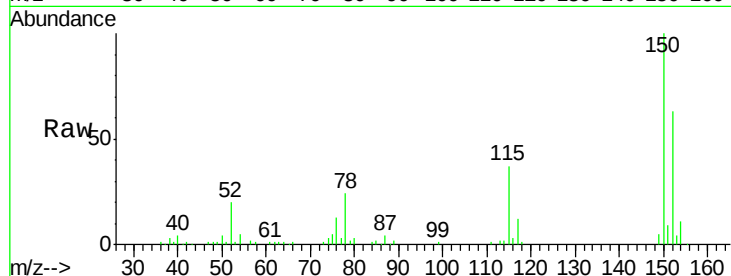
Tgt Ion:152 Resp: 58214

Ion Ratio Lower Upper

152 100

150 158.5 128.9 193.3

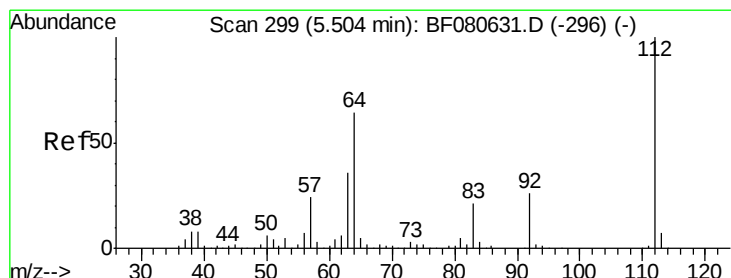
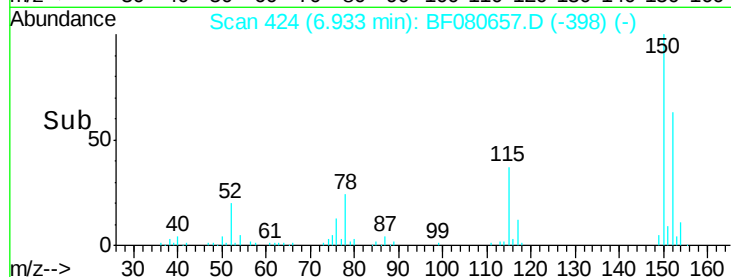
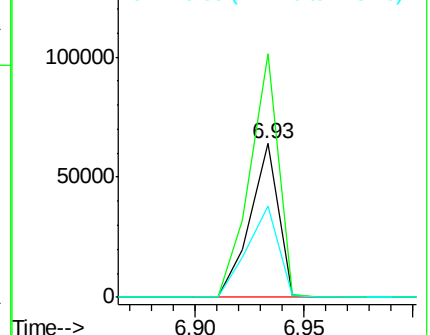
115 59.3 51.0 76.6



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: 42.86 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

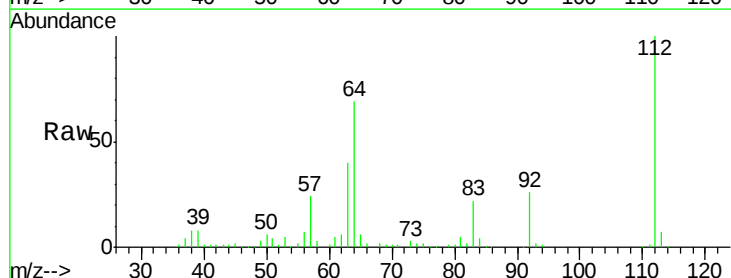
Tgt Ion:112 Resp: 148186

Ion Ratio Lower Upper

112 100

64 69.2 51.2 76.8

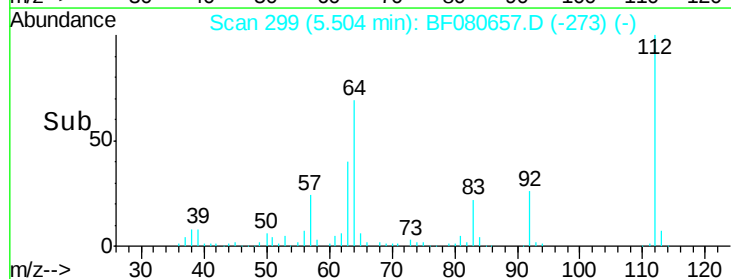
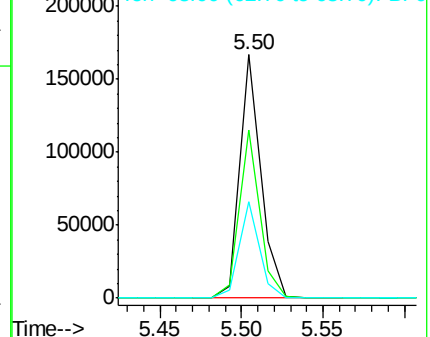
63 39.5 29.0 43.6

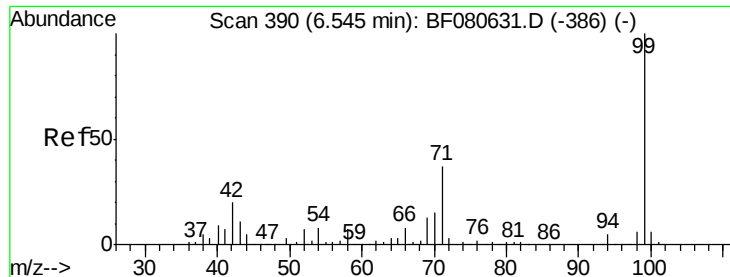


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.88 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-22-15

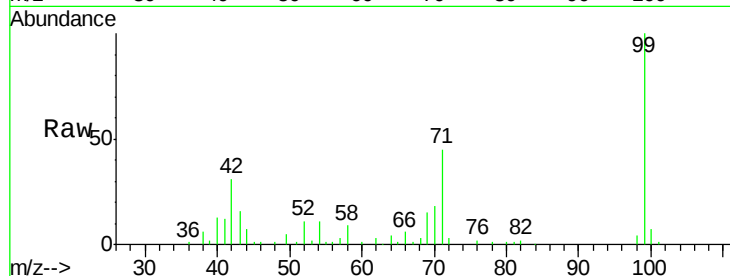
Tgt Ion: 99 Resp: 98608

Ion Ratio Lower Upper

99 100

42 31.0 16.3 24.5#

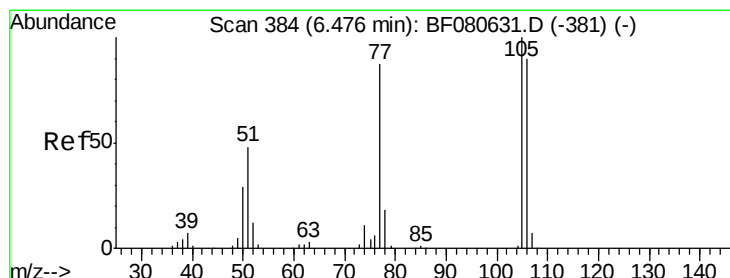
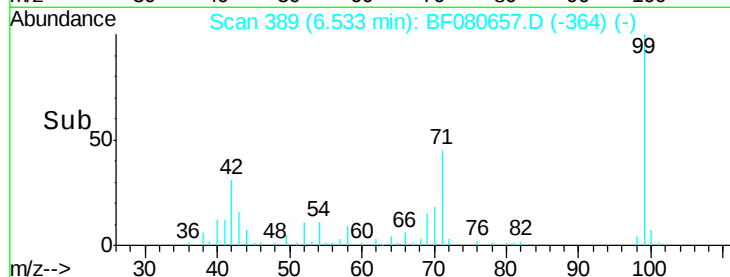
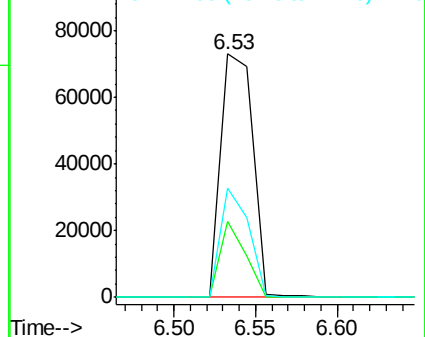
71 44.7 29.7 44.5#



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: 2.89 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.22 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

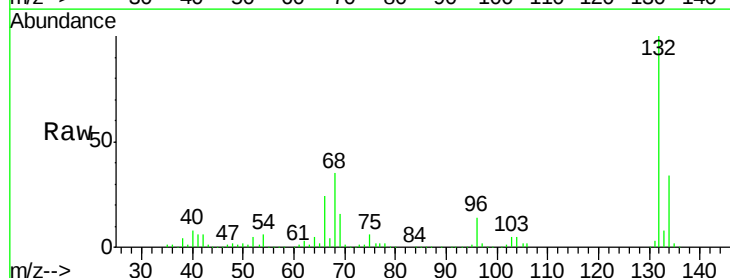
Tgt Ion: 77 Resp: 7793

Ion Ratio Lower Upper

77 100

105 94.7 94.7 134.7#

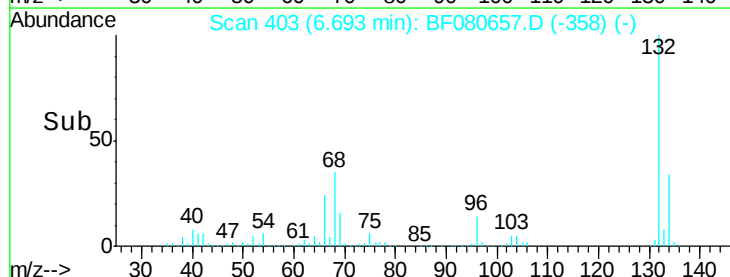
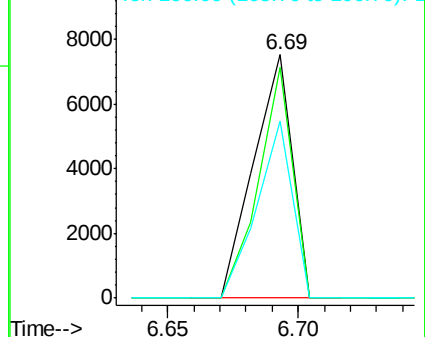
106 72.9 83.4 123.4#

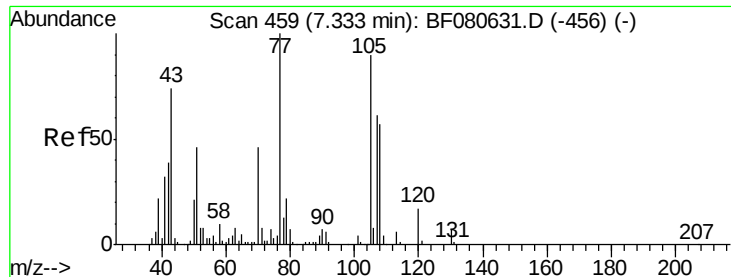


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

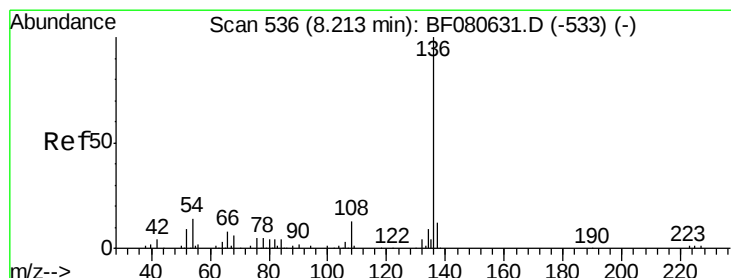
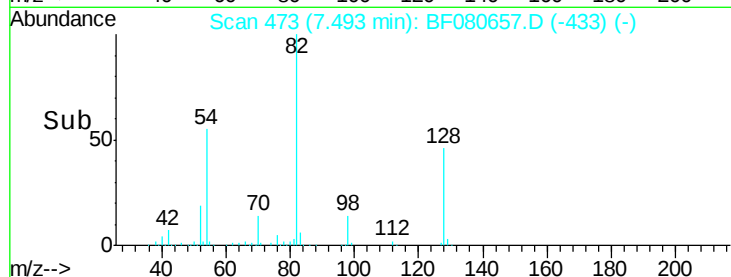
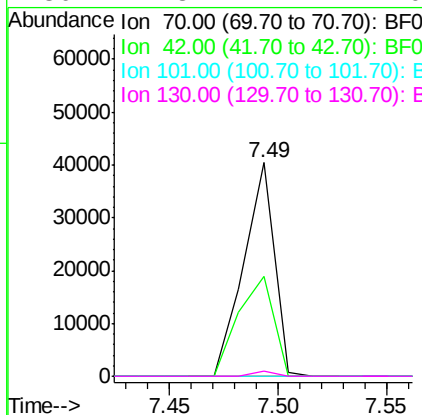
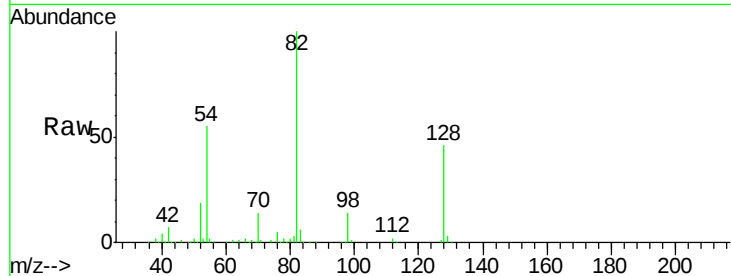




#19
n-Nitroso-di-n-propylamine
Concen: 13.27 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080657.D
Acq: 25 Jul 2015 8:25

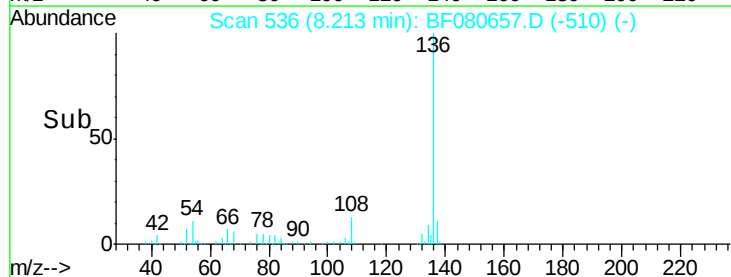
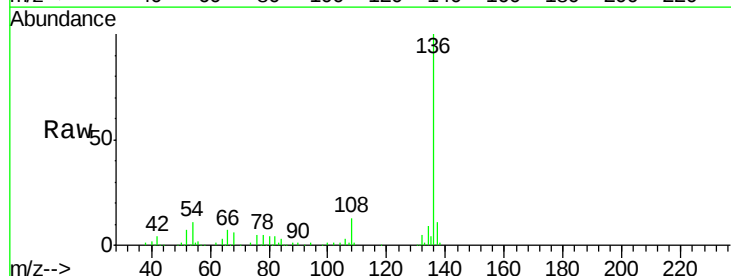
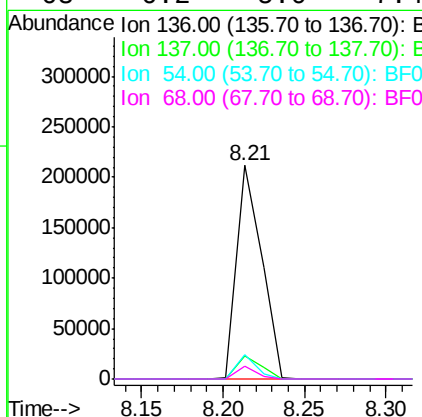
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-22-15

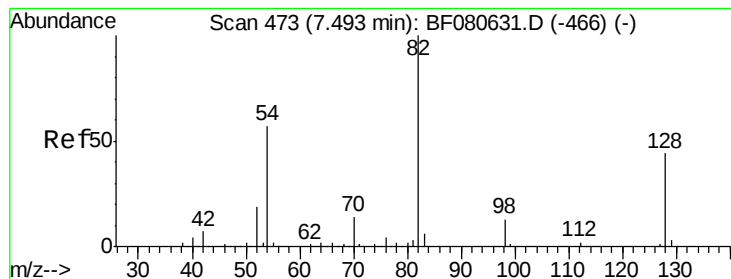
Tgt Ion: 70 Resp: 39532
Ion Ratio Lower Upper
70 100
42 46.5 67.8 101.8#
101 0.0 6.6 9.8#
130 2.3 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080657.D
Acq: 25 Jul 2015 8:25

Tgt Ion: 136 Resp: 222540
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 11.1 11.6 17.4#
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 63.95 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

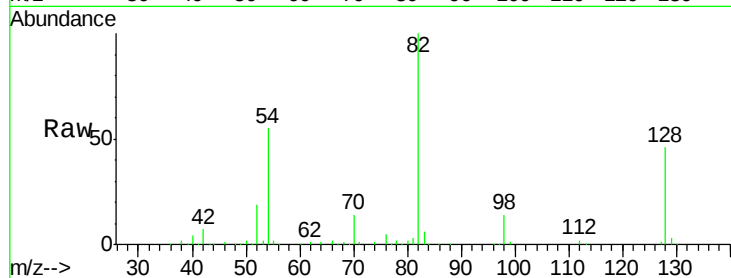
Instrument :

BNA_F

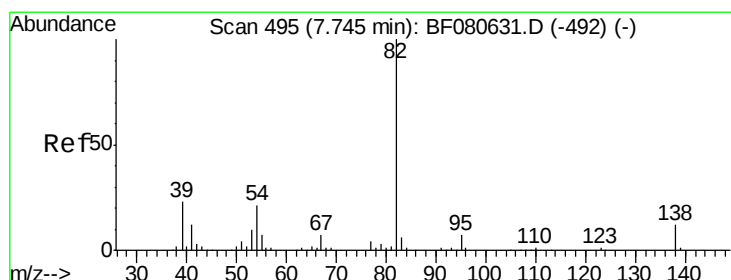
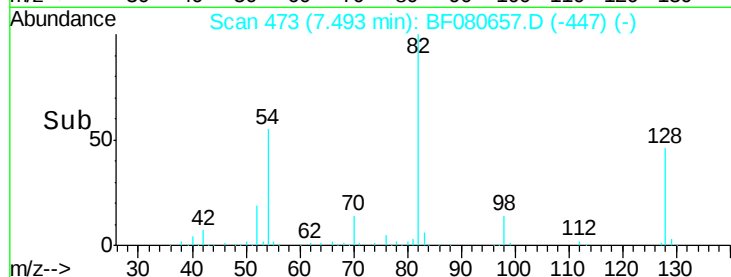
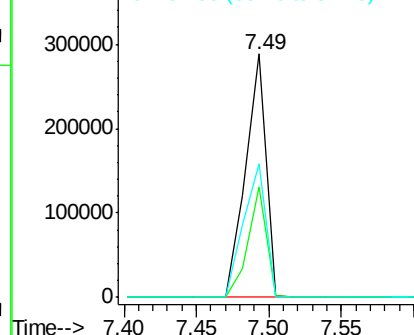
ClientSampleId :

FIELDBLANK-7-22-15

Tgt Ion:	82	Resp:	283356
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.8	52.2
54	54.9	45.4	68.0



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: 36.42 ng

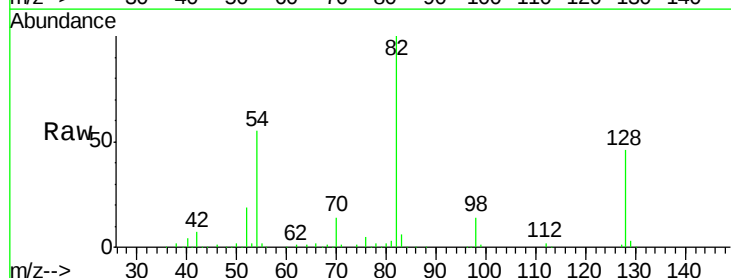
RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

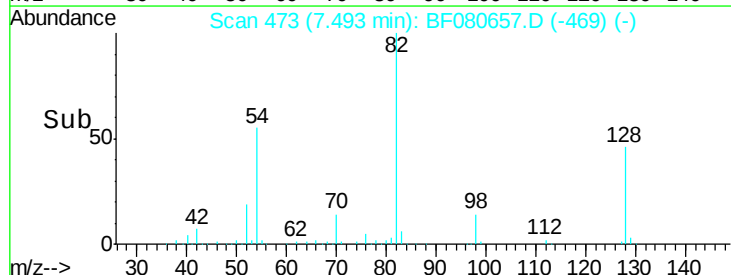
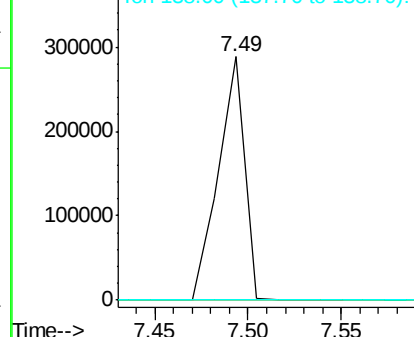
Lab File: BF080657.D

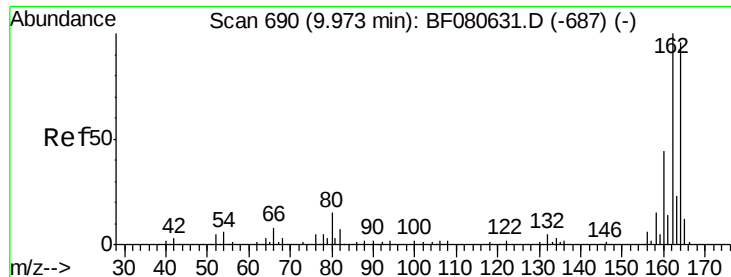
Acq: 25 Jul 2015 8:25

Tgt Ion:	82	Resp:	283057
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	9.7	14.5#



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: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-22-15

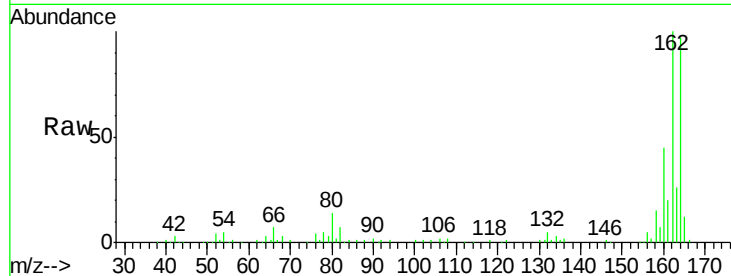
Tgt Ion:164 Resp: 123279

Ion Ratio Lower Upper

164 100

162 103.6 83.3 124.9

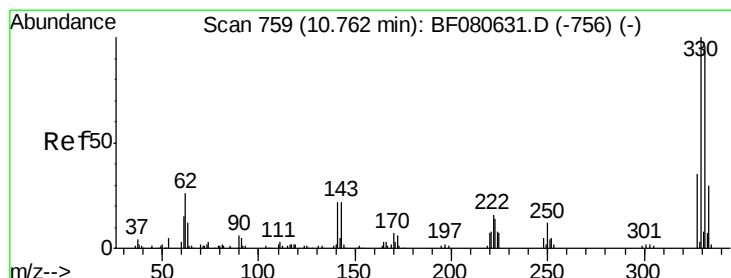
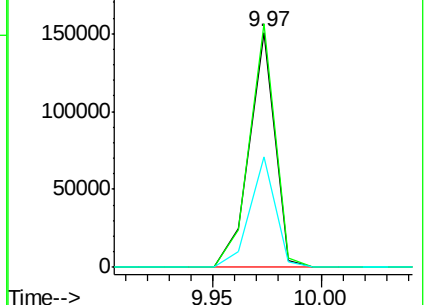
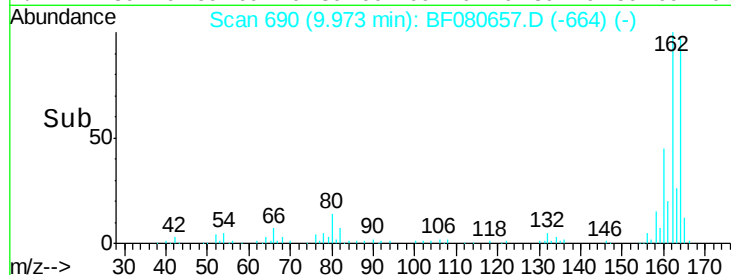
160 46.9 36.9 55.3



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: 112.61 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

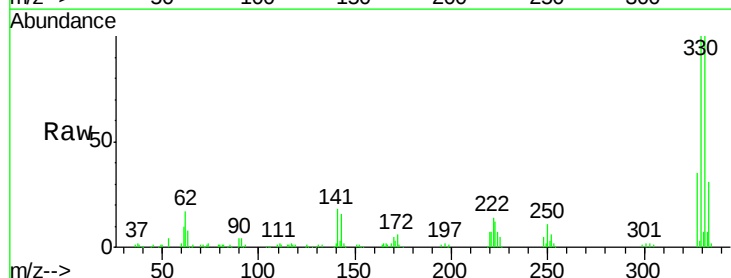
Tgt Ion:330 Resp: 124730

Ion Ratio Lower Upper

330 100

332 98.4 76.7 115.1

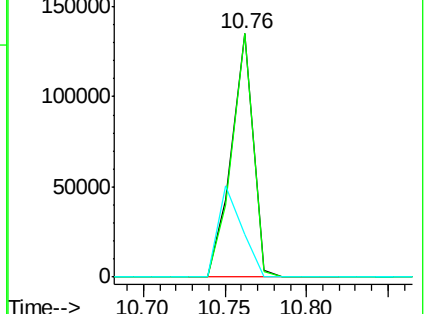
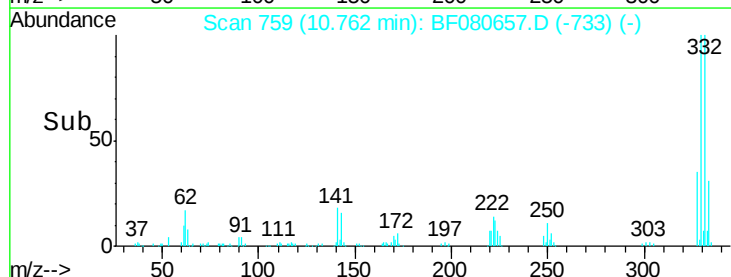
141 41.4 32.7 49.1

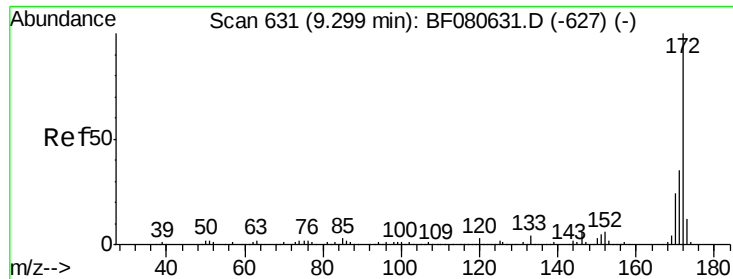


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 65.40 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-22-15

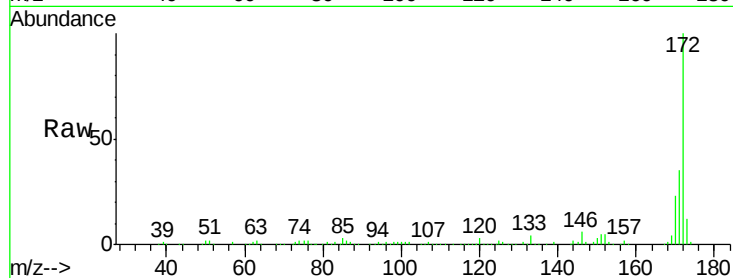
Tgt Ion:172 Resp: 522566

Ion Ratio Lower Upper

172 100

171 35.4 27.7 41.5

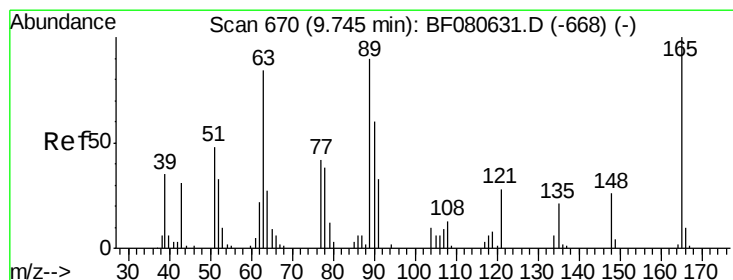
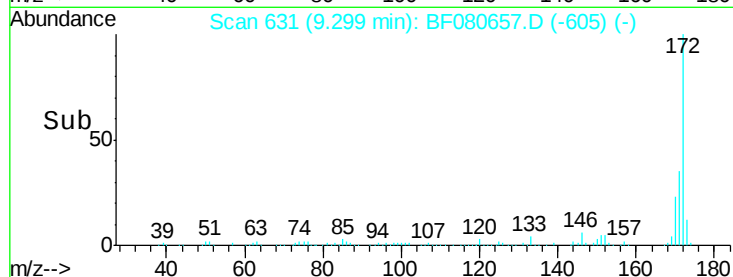
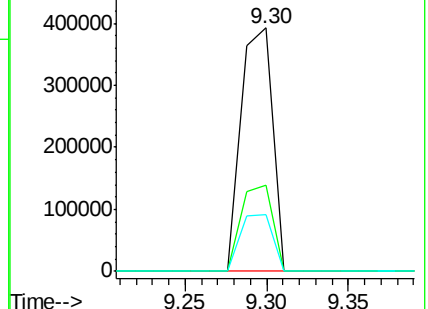
170 23.3 19.0 28.4



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



#50

2,6-Dinitrotoluene

Concen: 9.62 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.23 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

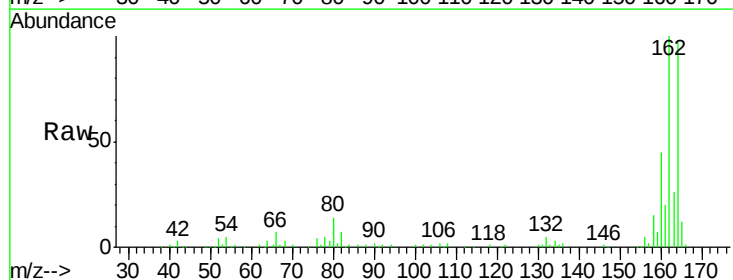
Tgt Ion:165 Resp: 15137

Ion Ratio Lower Upper

165 100

63 1.9 84.0 126.0#

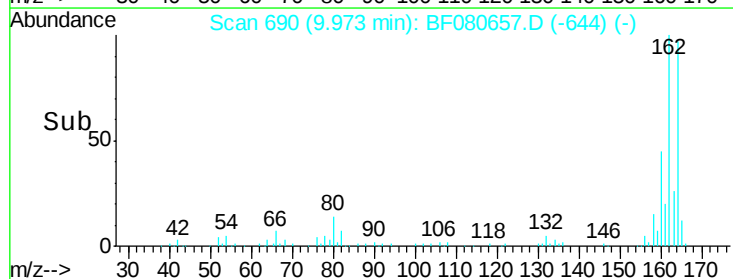
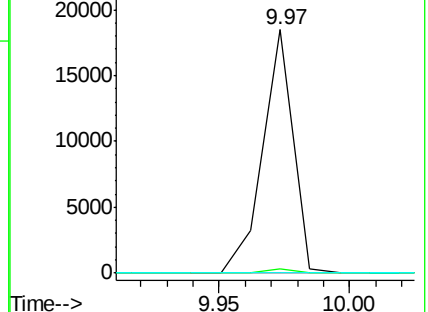
89 0.0 71.7 107.5#

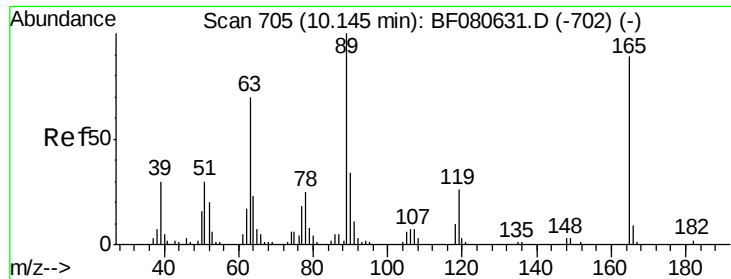


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

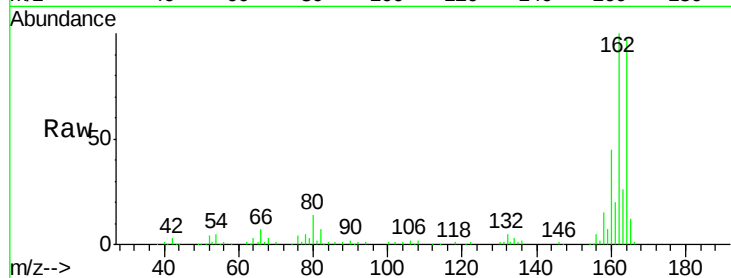




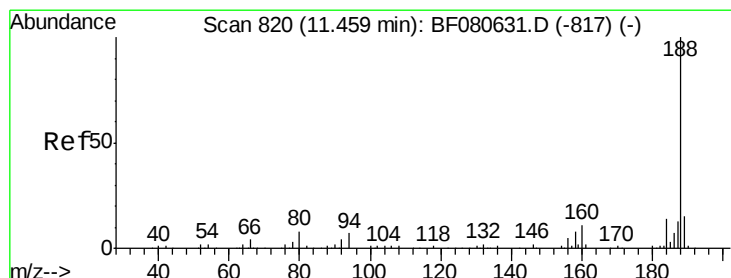
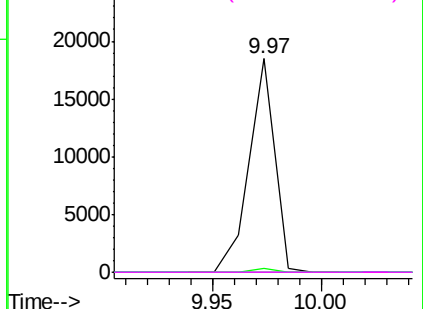
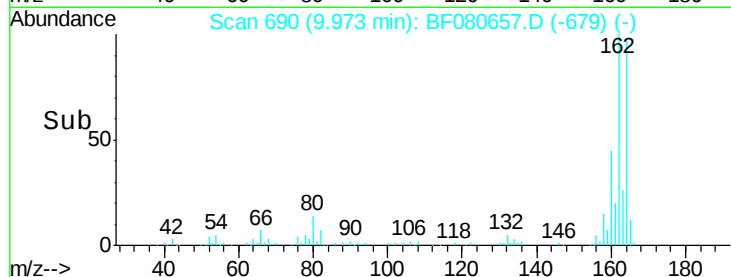
#56
 2,4-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-22-15

Tgt Ion:165 Resp: 15138
 Ion Ratio Lower Upper
 165 100
 63 1.9 63.0 94.4#
 89 0.0 90.2 135.2#
 182 0.0 1.6 2.4#

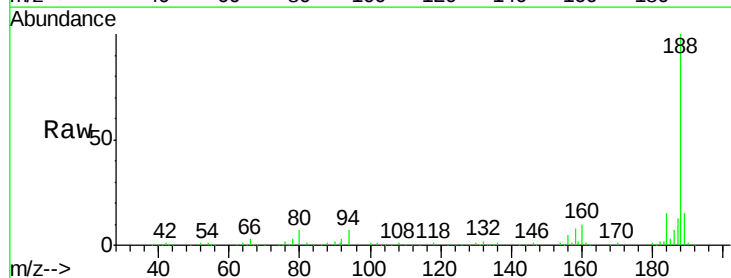


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

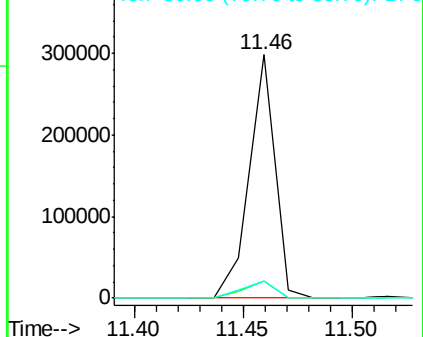
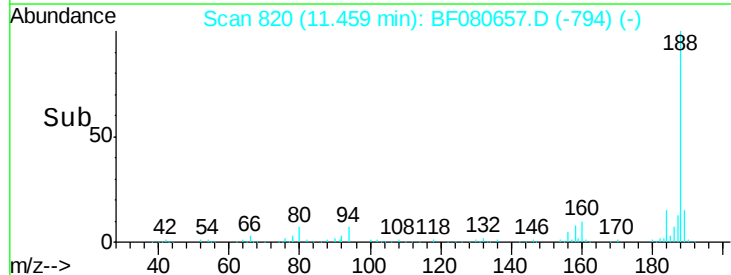


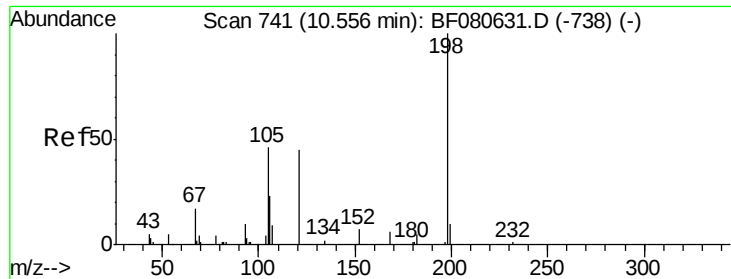
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF080657.D
 Acq: 25 Jul 2015 8:25

Tgt Ion:188 Resp: 246531
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.6 8.4
 80 7.2 6.1 9.1



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





#64

4,6-Dinitro-2-methylphenol

Concen: 6.64 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.21 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-22-15

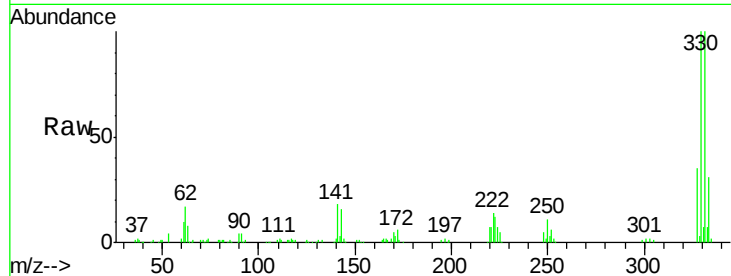
Tgt Ion:198 Resp: 435

Ion Ratio Lower Upper

198 100

51 0.0 31.1 71.1#

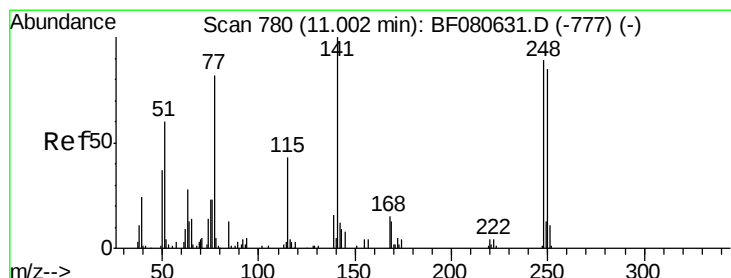
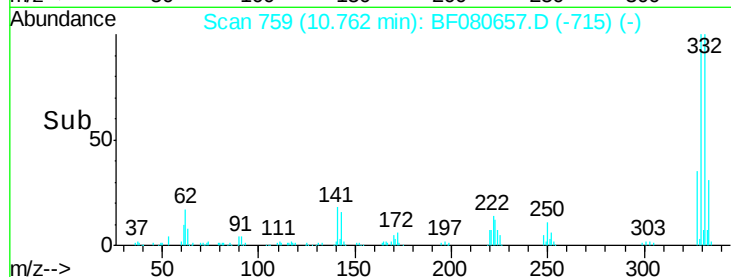
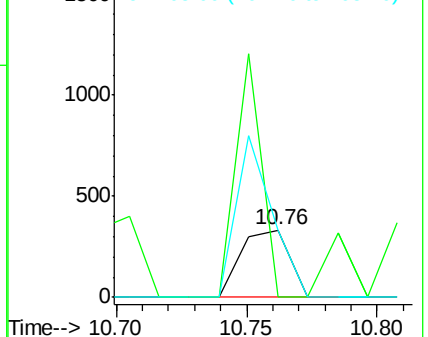
105 99.1 28.6 68.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.57 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.24 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

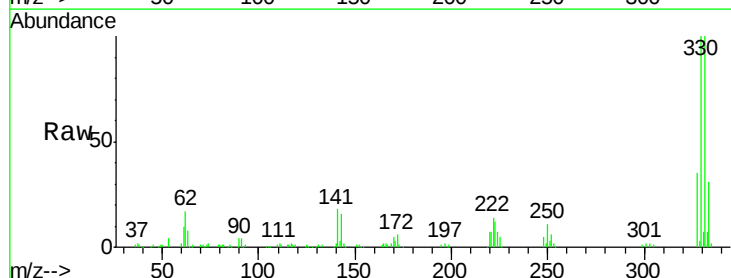
Tgt Ion:248 Resp: 8294

Ion Ratio Lower Upper

248 100

250 204.4 76.6 114.8#

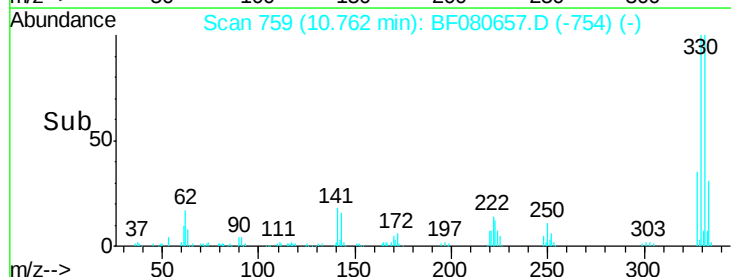
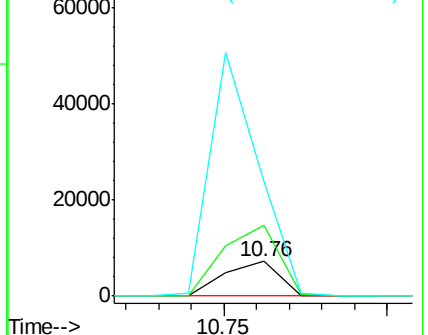
141 331.4 90.0 135.0#

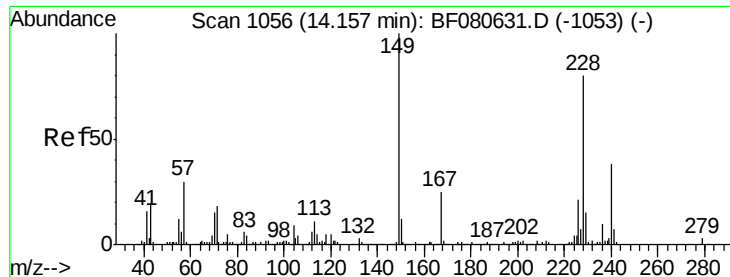


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.24 min Scan# 1063

Delta R.T. 0.08 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-22-15

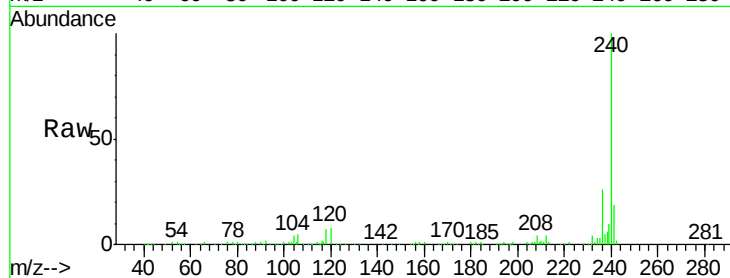
Tgt Ion:240 Resp: 241753

Ion Ratio Lower Upper

240 100

120 7.7 10.8 16.2#

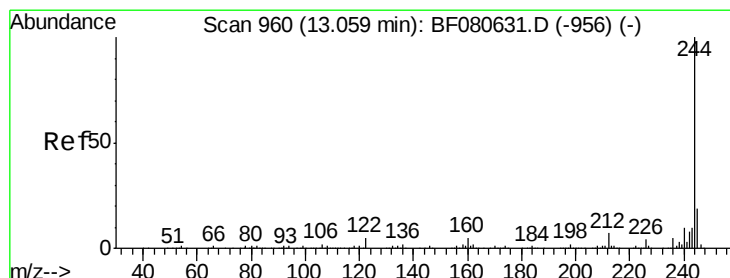
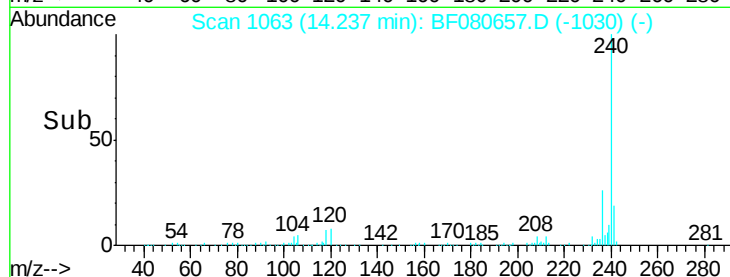
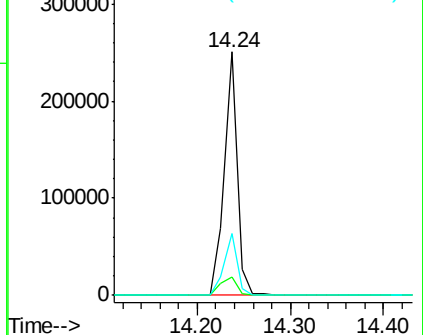
236 25.5 20.3 30.5



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: 63.79 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080657.D

Acq: 25 Jul 2015 8:25

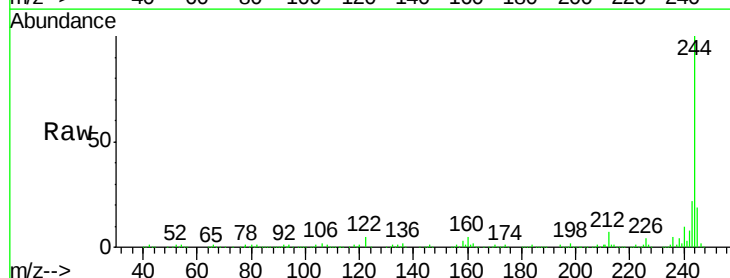
Tgt Ion:244 Resp: 716225

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

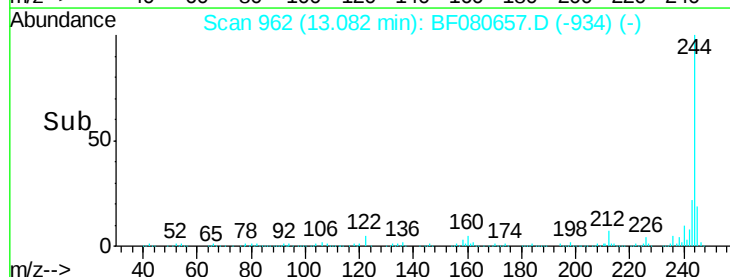
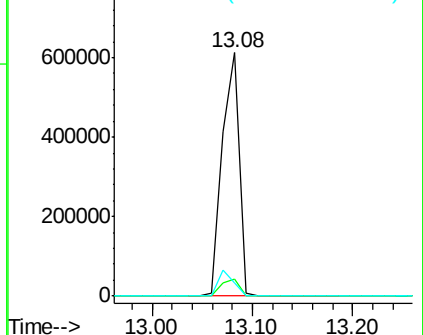
122 5.5 4.1 6.1

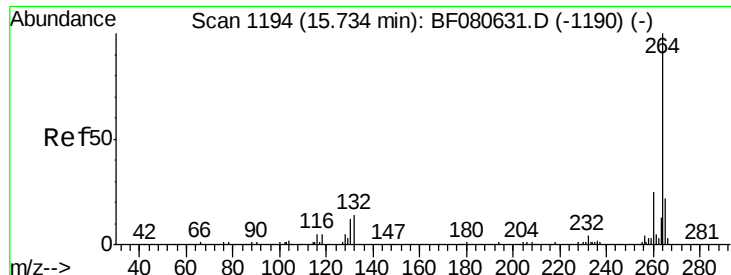


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.88 min Scan# 1207
Delta R.T. 0.15 min
Lab File: BF080657.D
Acq: 25 Jul 2015 8:25

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-22-15

Tgt Ion: 264 Resp: 213941
Ion Ratio Lower Upper
264 100
260 22.8 20.1 30.1
265 21.0 17.4 26.0

