

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081912.D
 Acq On : 30 Sep 2015 20:18
 Operator : UM/IZ
 Sample : G3668-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01(NORTH)

Quant Time: Oct 01 03:52:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

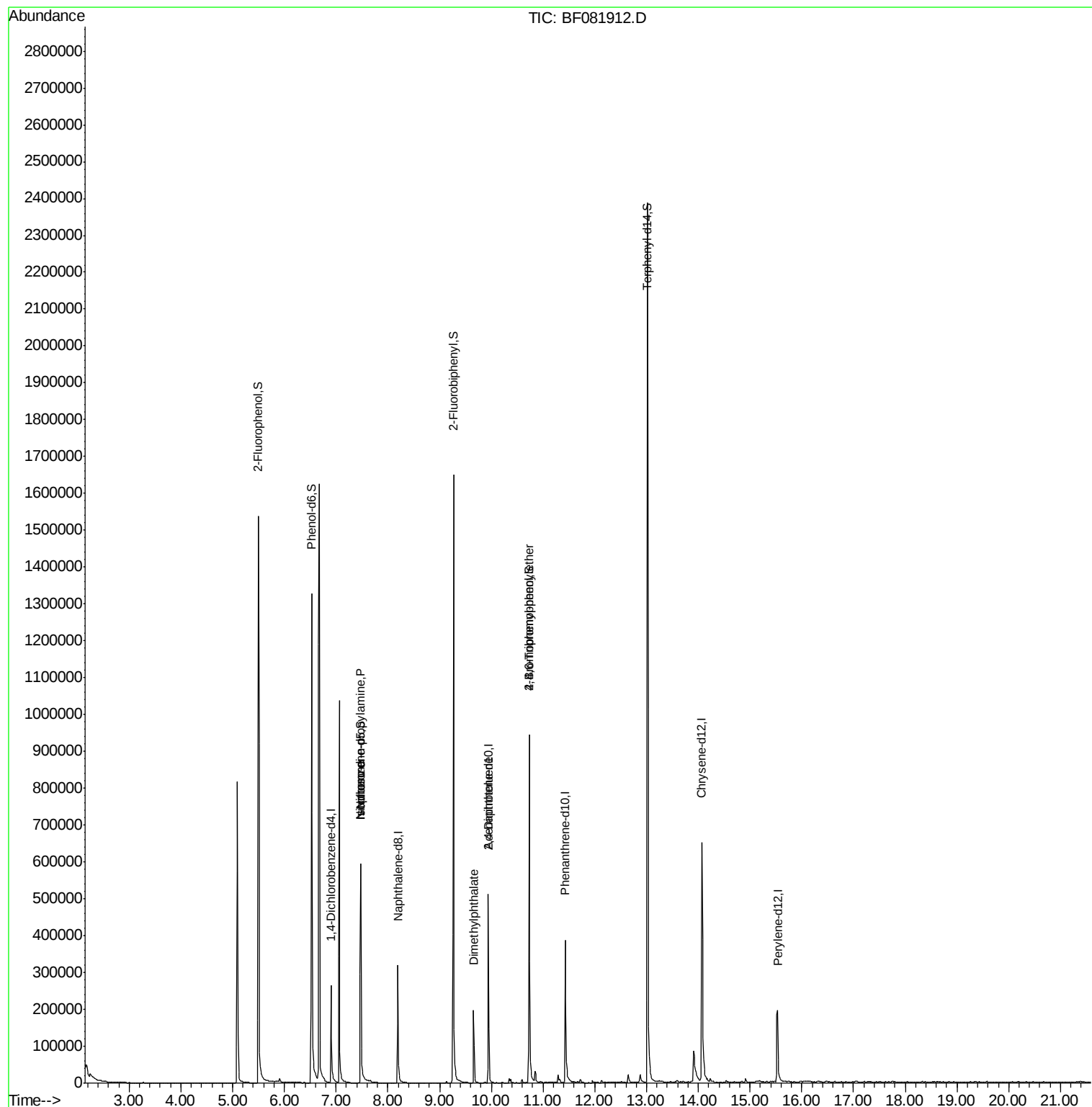
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	57458	20.00	ng	-0.03
21) Naphthalene-d8	8.19	136	226633	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	113733	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	223257	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	354199	20.00	ng	-0.05
86) Perylene-d12	15.53	264	152784	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	596094	188.33	ng	-0.02
7) Phenol-d6	6.53	99	678411	170.33	ng	-0.03
23) Nitrobenzene-d5	7.47	82	294284	86.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	132717	115.22	ng	-0.03
44) 2-Fluorobiphenyl	9.27	172	590695	87.38	ng	-0.03
78) Terphenyl-d14	13.02	244	958905	88.42	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	36083	14.91	ng	# 58
25) Isophorone	7.47	82	216677	32.15	ng	# 58
49) Dimethylphthalate	9.66	163	112226	14.30	ng	# 96
56) 2,4-Dinitrotoluene	9.94	165	13683	6.30	ng	# 31
57) Fluorene	10.73	166	4826	Below	Cal	# 69
66) 4-Bromophenyl-phenylether	10.73	248	8461	3.76	ng	# 1
70) Phenanthrene	11.45	178	8379	Below	Cal	# 98
73) Di-n-butylphthalate	11.99	149	1922	Below	Cal	# 78

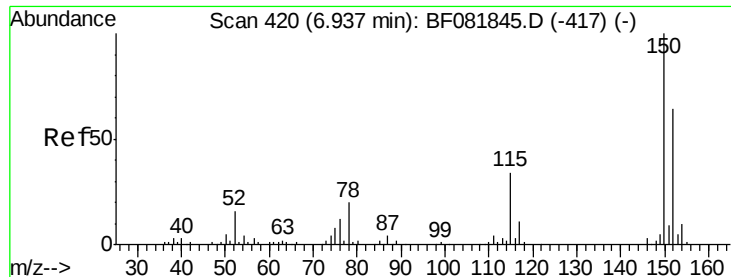
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

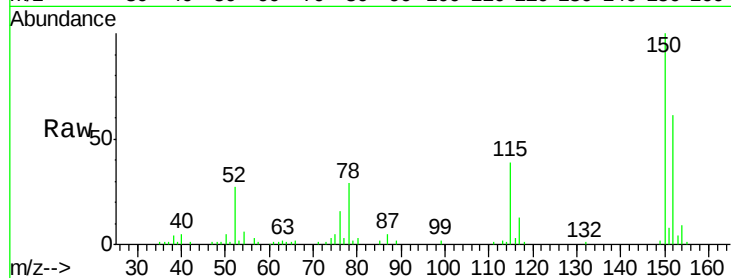
Tgt Ion:152 Resp: 57458

Ion Ratio Lower Upper

152 100

150 163.3 124.7 187.1

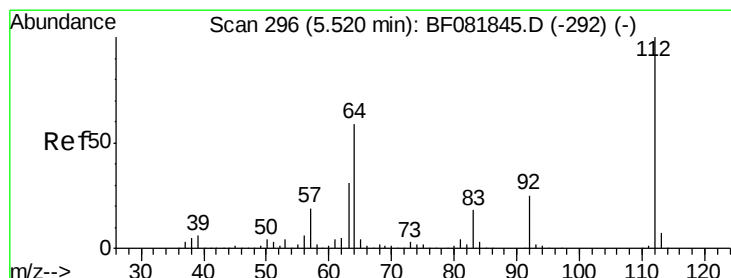
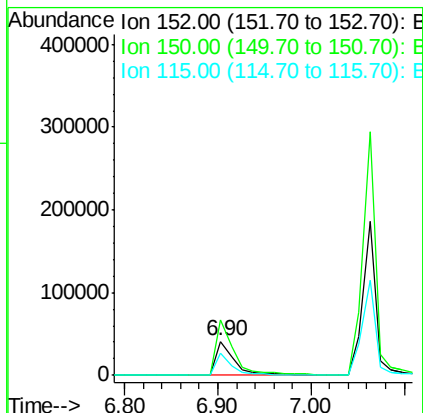
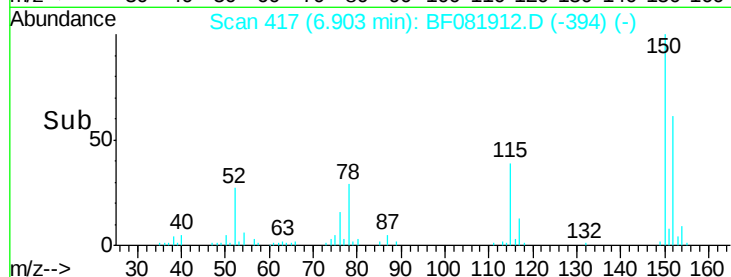
115 64.4 39.0 58.4#



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: 188.33 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

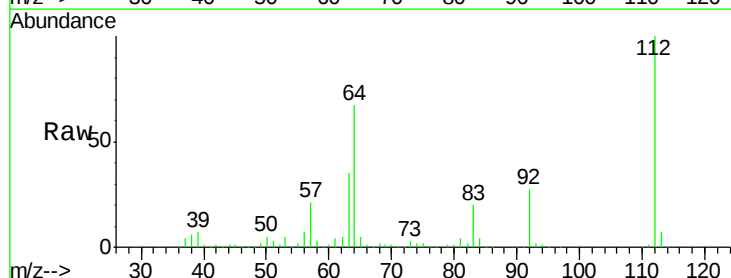
Tgt Ion:112 Resp: 596094

Ion Ratio Lower Upper

112 100

64 66.8 39.7 59.5#

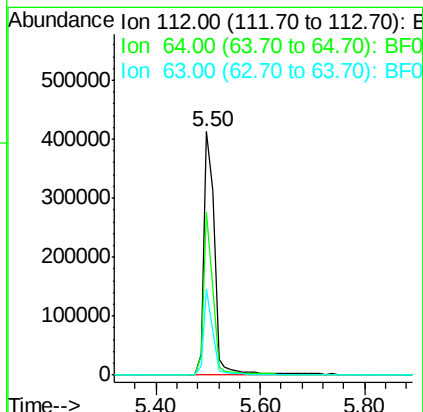
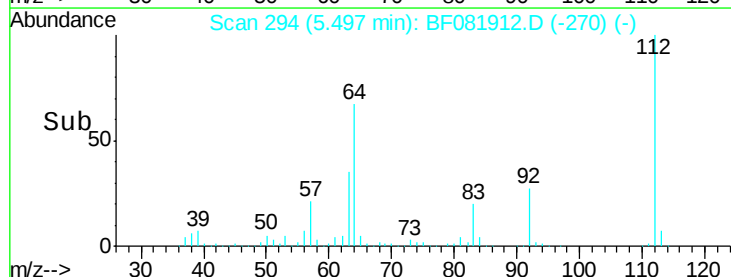
63 35.2 17.4 26.0#

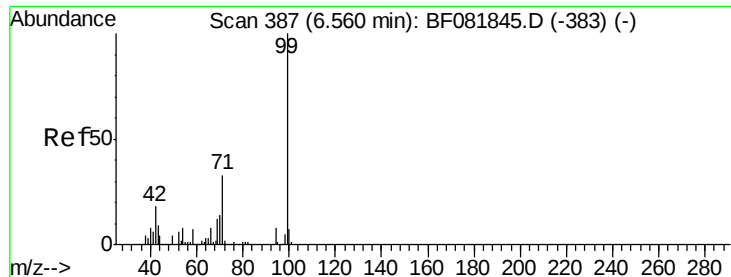


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 170.33 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

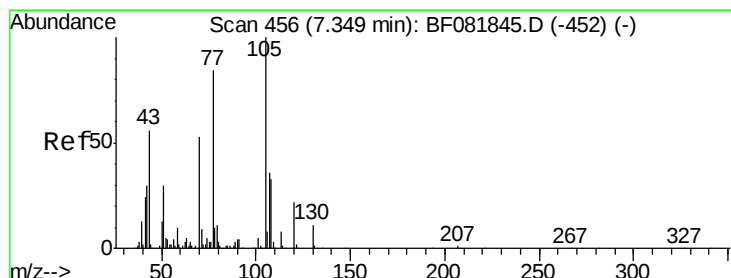
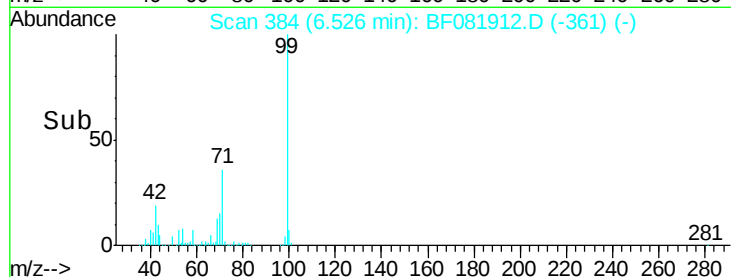
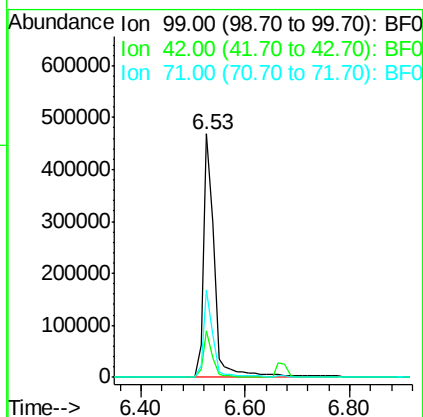
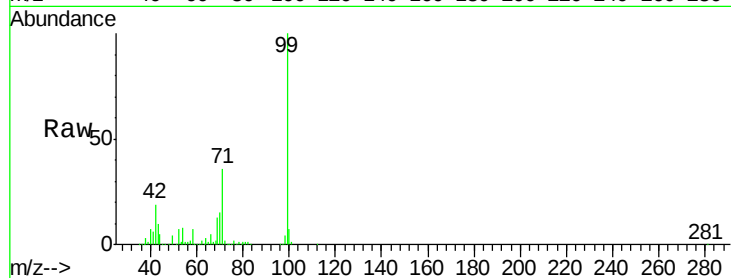
Tgt Ion: 99 Resp: 678411

Ion Ratio Lower Upper

99 100

42 19.3 13.7 20.5

71 35.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.91 ng

RT: 7.47 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

Tgt Ion: 70 Resp: 36083

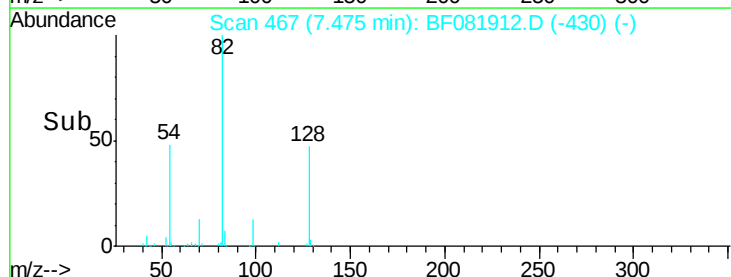
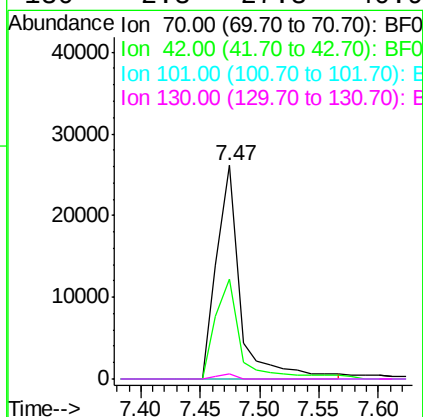
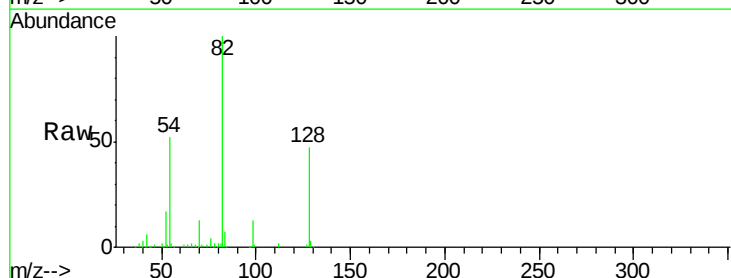
Ion Ratio Lower Upper

70 100

42 46.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

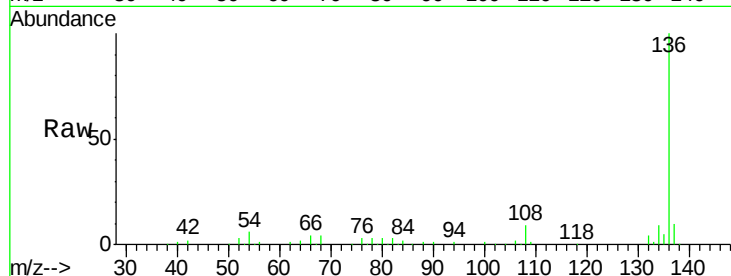




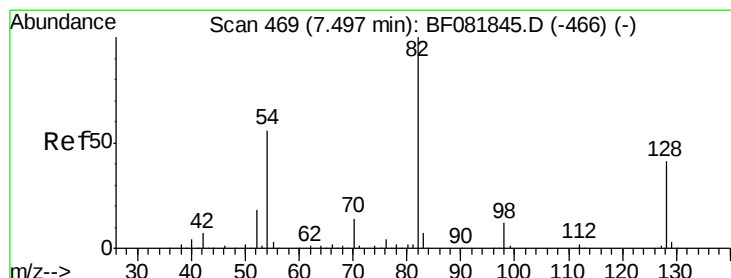
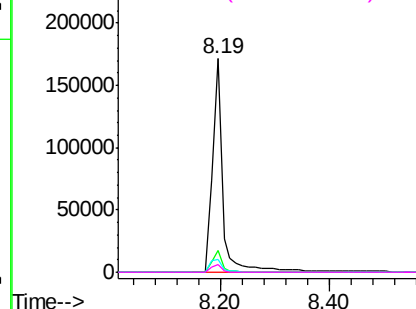
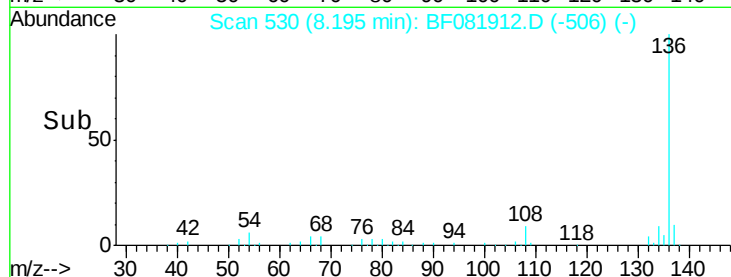
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081912.D
Acq: 30 Sep 2015 20:18

Instrument :
BNA_F
ClientSampleId :
SS-01(NORTH)

Tgt Ion: 136 Resp: 226633
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 6.1 8.2 12.2#
68 3.8 5.8 8.6#

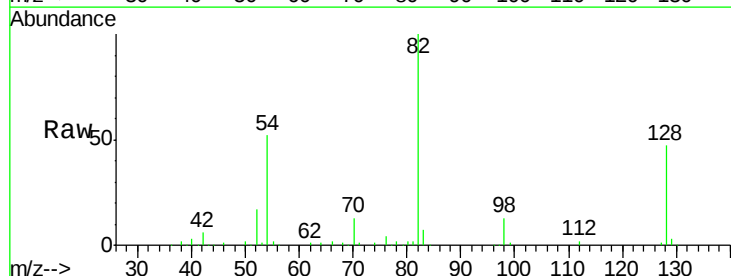


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

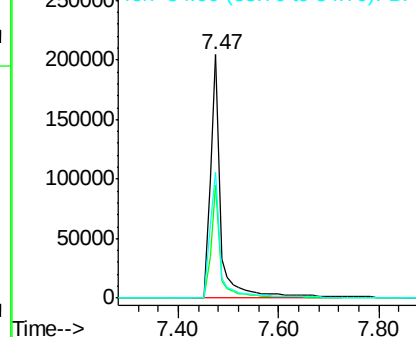
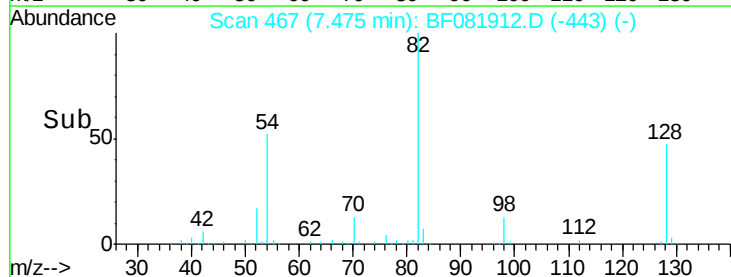


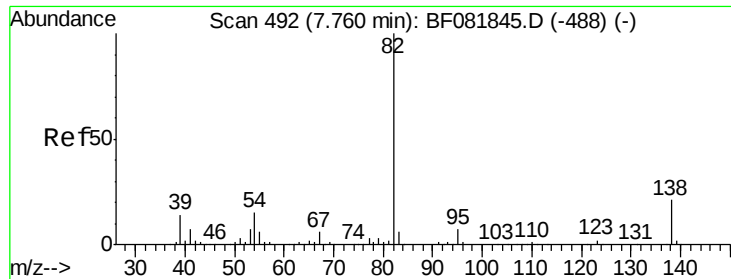
#23
Nitrobenzene-d5
Concen: 86.56 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081912.D
Acq: 30 Sep 2015 20:18

Tgt Ion: 82 Resp: 294284
Ion Ratio Lower Upper
82 100
128 46.6 51.0 76.6#
54 51.5 47.5 71.3



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





#25

Isophorone

Concen: 32.15 ng

RT: 7.47 min Scan# 467

Delta R.T. -0.29 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

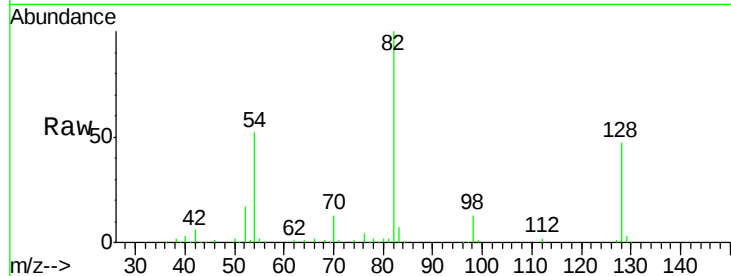
Tgt Ion: 82 Resp: 216677

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

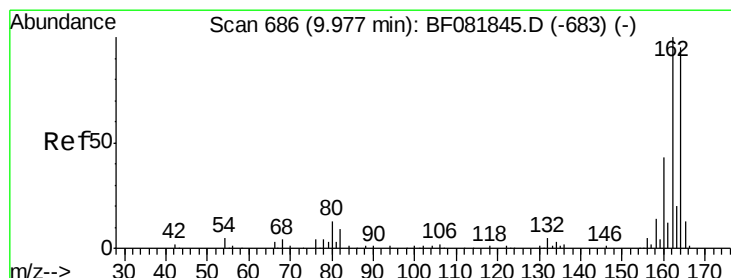
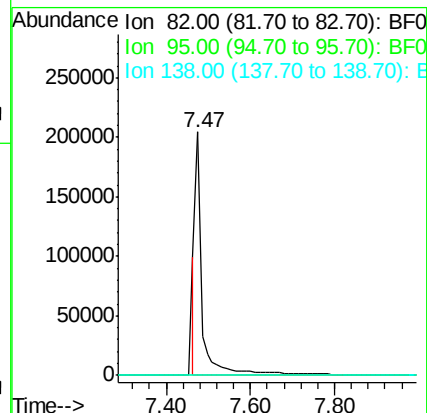
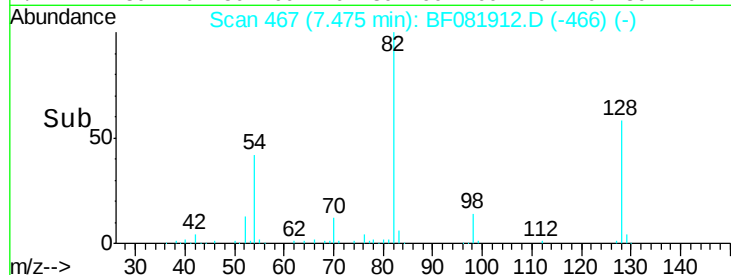
138 0.0 18.3 27.5#



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: 9.94 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

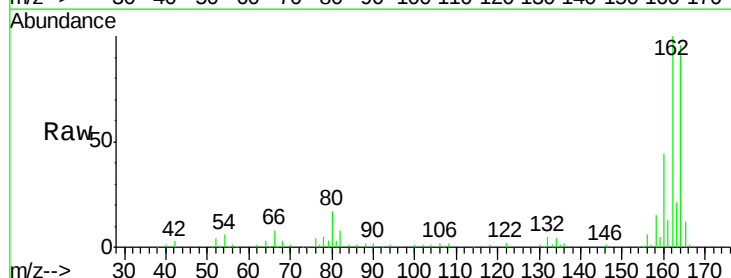
Tgt Ion: 164 Resp: 113733

Ion Ratio Lower Upper

164 100

162 104.5 75.2 112.8

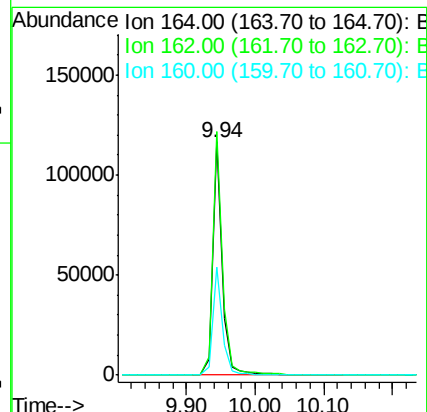
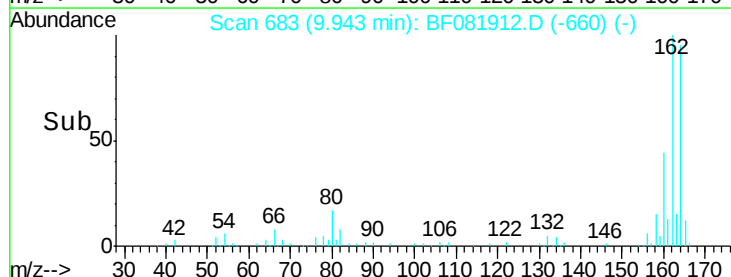
160 46.1 31.5 47.3



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

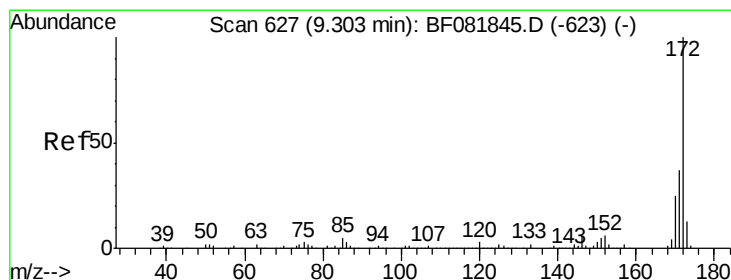
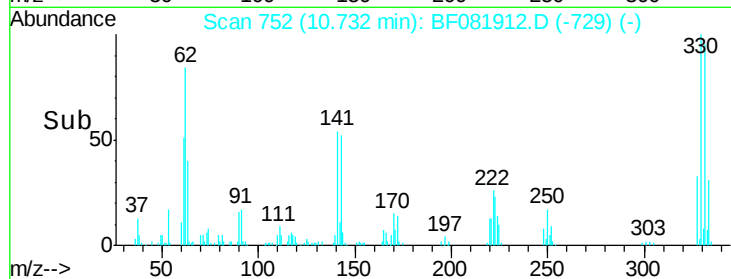
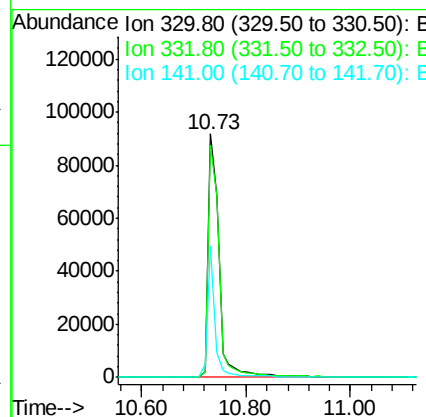
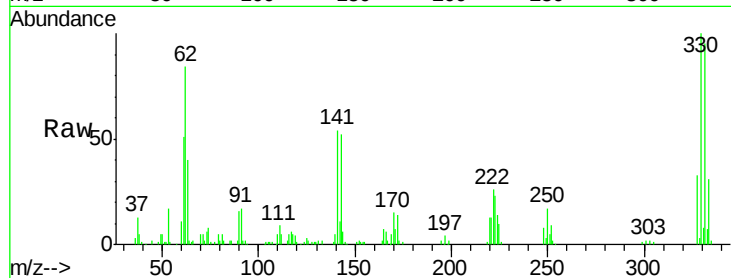




#41
 2,4,6-Tribromophenol
 Concen: 115.22 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081912.D
 Acq: 30 Sep 2015 20:18

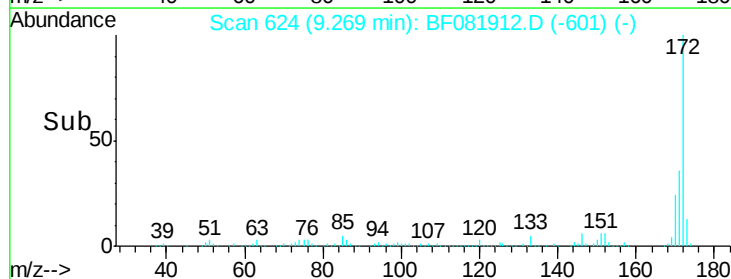
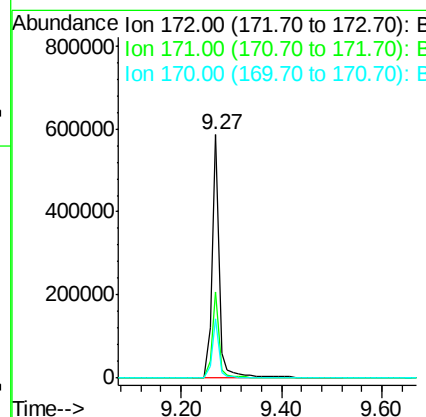
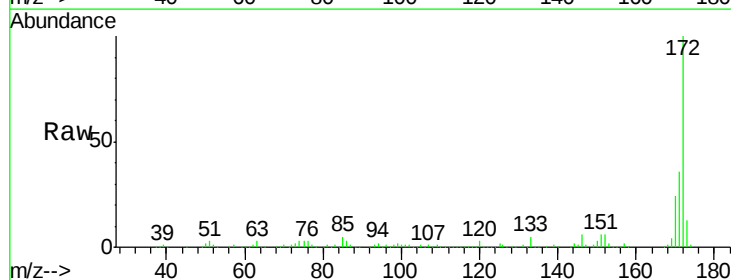
Instrument :
 BNA_F
 ClientSampleId :
 SS-01(NORTH)

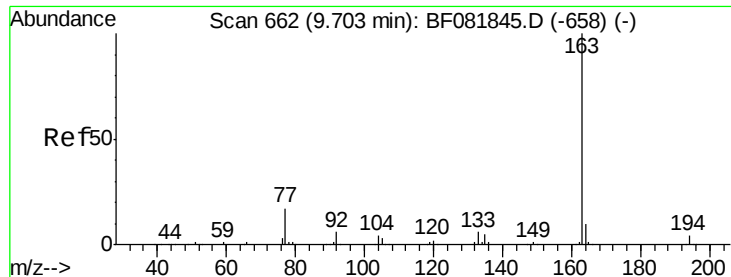
Tgt Ion:330 Resp: 132717
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 38.0 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 87.38 ng
 RT: 9.27 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF081912.D
 Acq: 30 Sep 2015 20:18

Tgt Ion:172 Resp: 590695
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 24.2 17.4 26.2





#49

Dimethylphthalate

Concen: 14.30 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.05 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

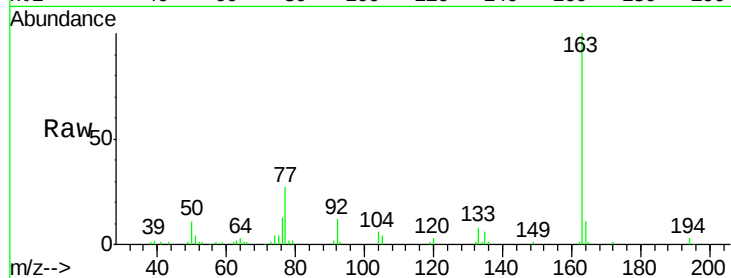
Tgt Ion:163 Resp: 112226

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

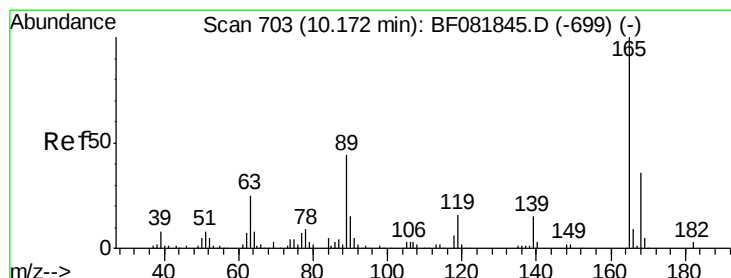
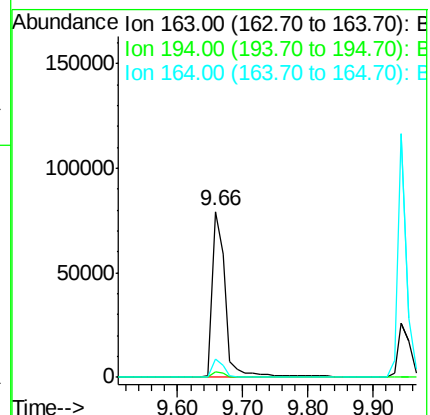
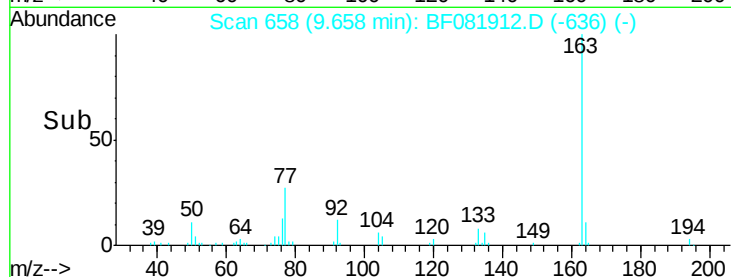
164 11.0 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.30 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.23 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

Tgt Ion:165 Resp: 13683

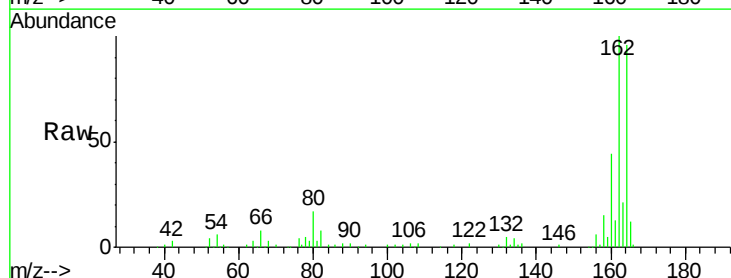
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

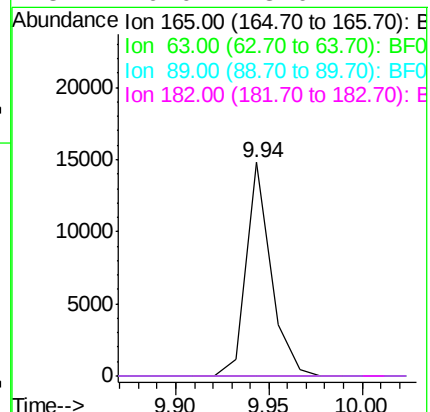
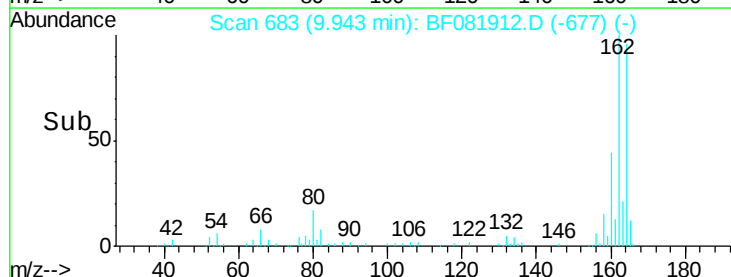


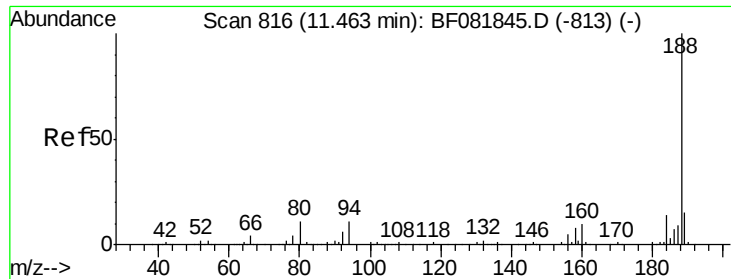
Abundance Ion 165.00 (164.70 to 165.70): E

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

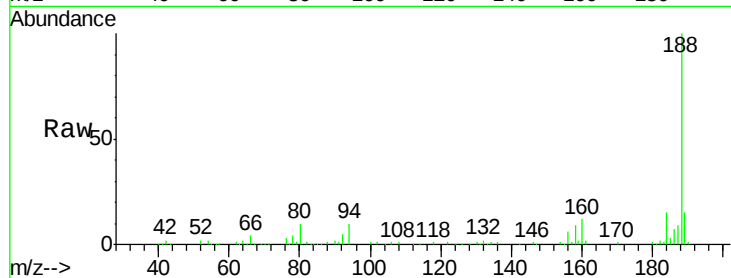




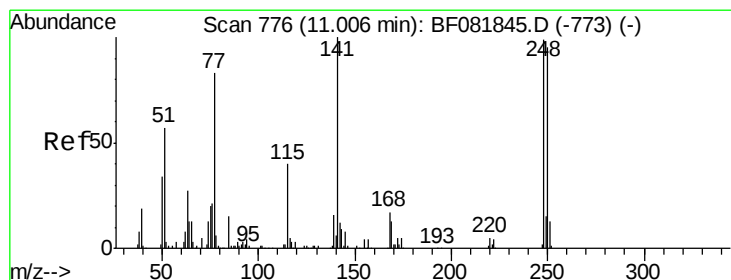
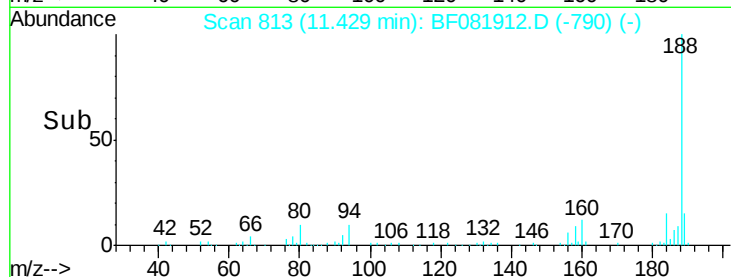
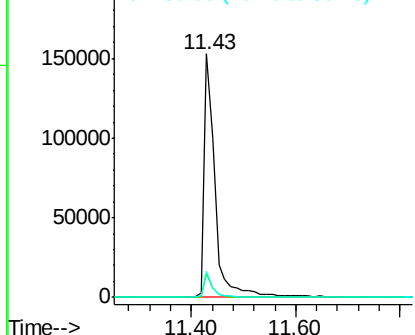
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081912.D
Acq: 30 Sep 2015 20:18

Instrument :
BNA_F
ClientSampleId :
SS-01(NORTH)

Tgt Ion:188 Resp: 223257
Ion Ratio Lower Upper
188 100
94 9.6 11.1 16.7#
80 10.5 11.0 16.4#

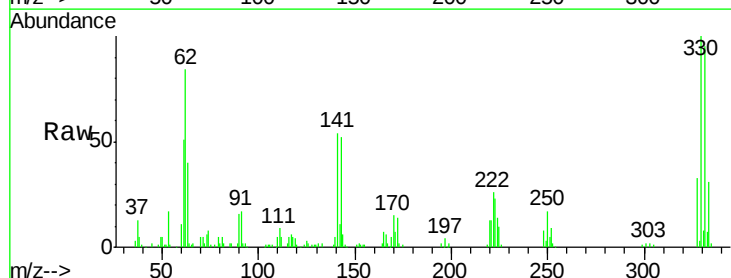


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

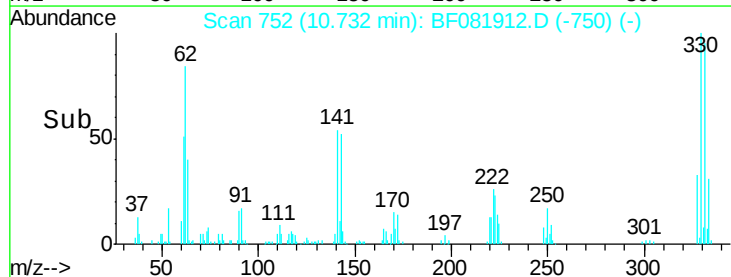
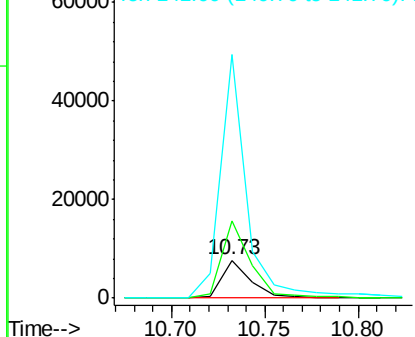


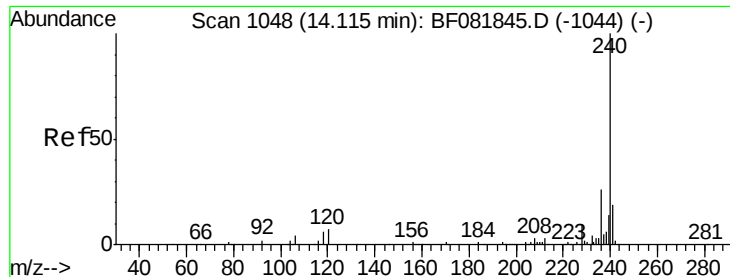
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF081912.D
Acq: 30 Sep 2015 20:18

Tgt Ion:248 Resp: 8461
Ion Ratio Lower Upper
248 100
250 202.6 78.5 117.7#
141 641.4 59.0 88.6#



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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

Instrument :

BNA_F

ClientSampleId :

SS-01(NORTH)

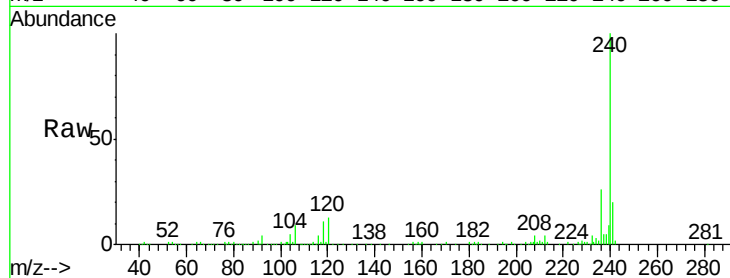
Tgt Ion:240 Resp: 354199

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

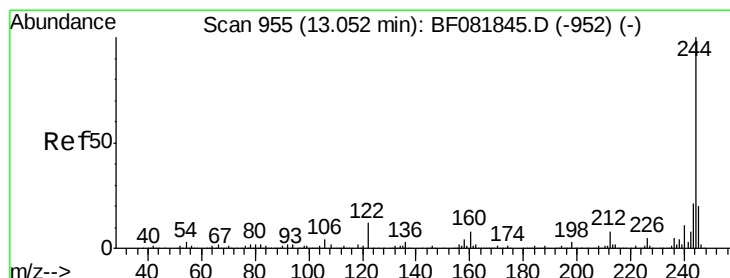
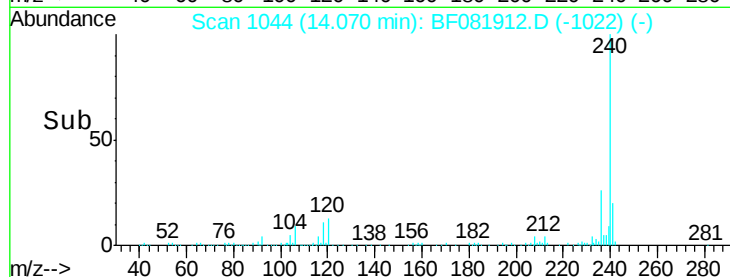
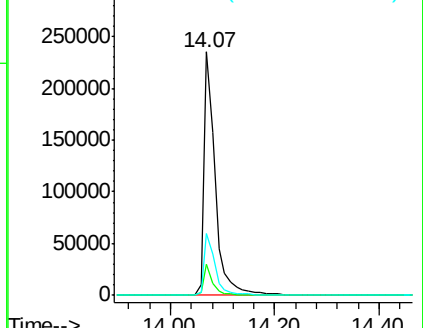
236 25.7 18.4 27.6



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: 88.42 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081912.D

Acq: 30 Sep 2015 20:18

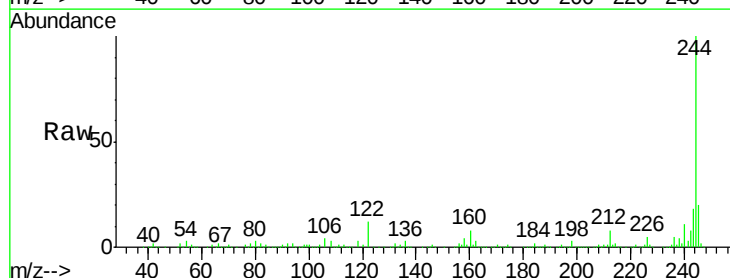
Tgt Ion:244 Resp: 958905

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

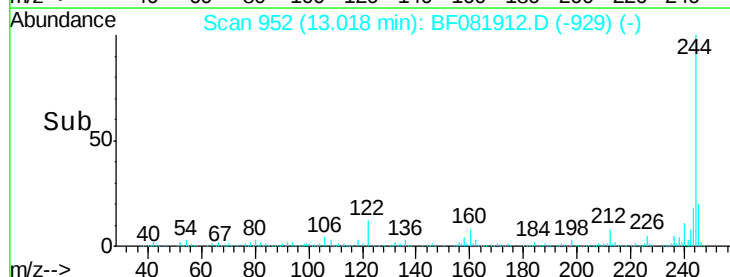
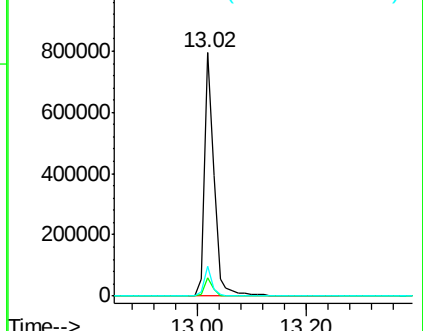
122 12.3 17.4 26.2#

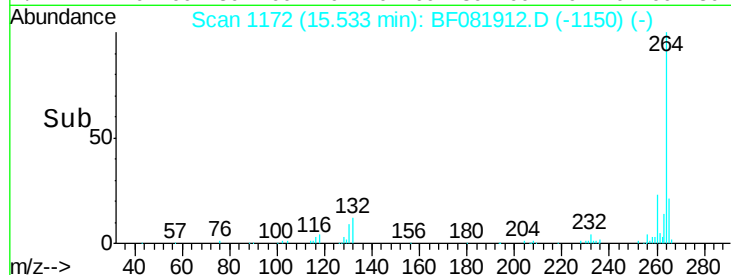
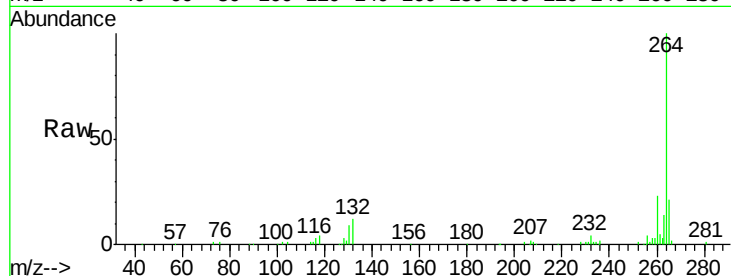
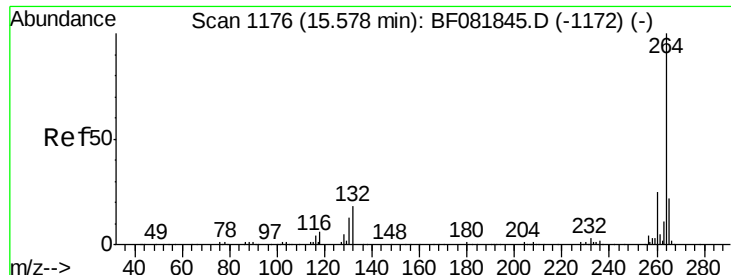


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081912.D
Acq: 30 Sep 2015 20:18

Instrument :
BNA_F
ClientSampleId :
SS-01(NORTH)

Tgt Ion: 264 Resp: 152784
Ion Ratio Lower Upper
264 100
260 23.4 16.7 25.1
265 20.8 17.2 25.8

