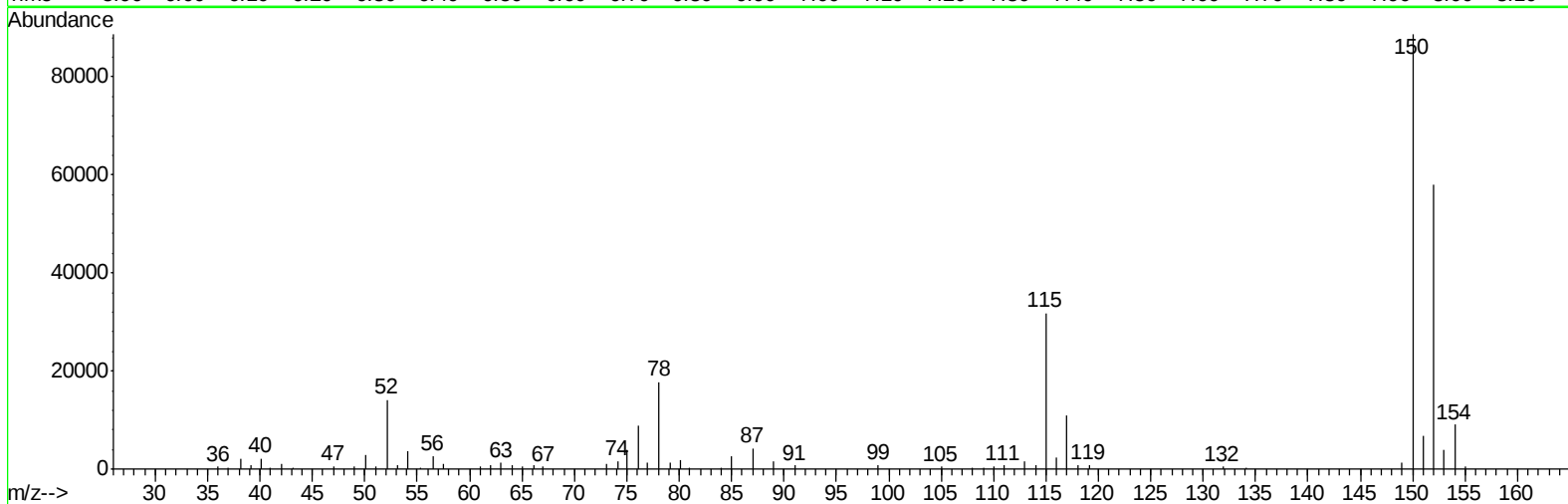
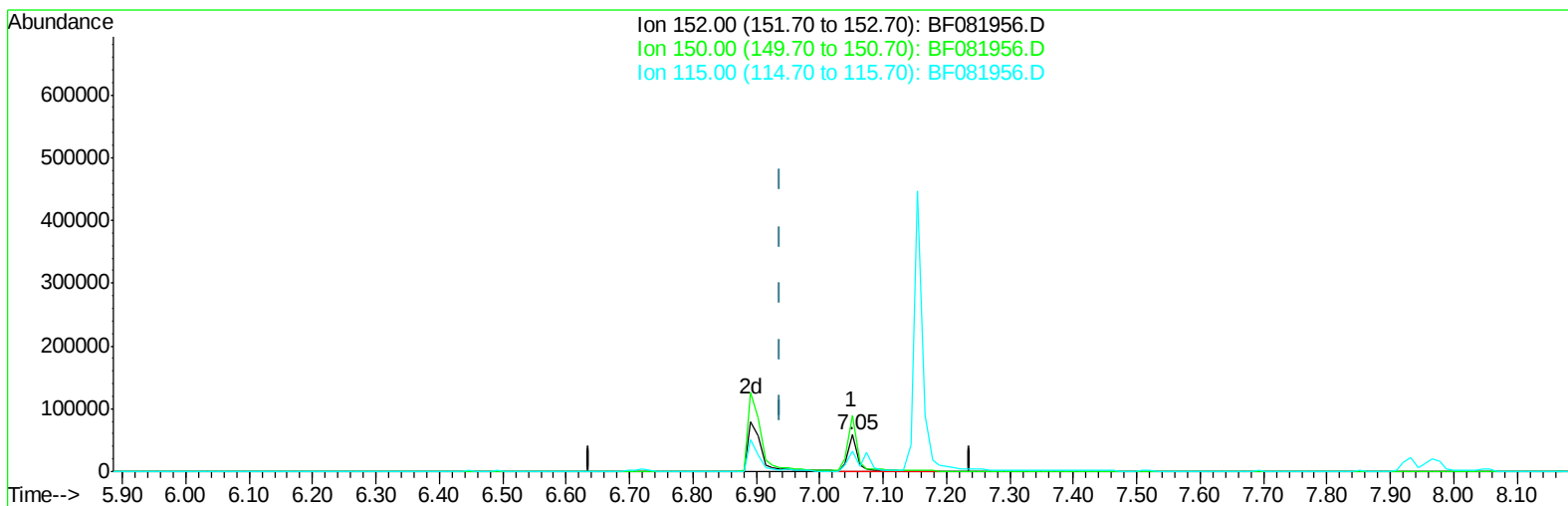


Data Path : Z:\HPCHEM1\BNA_F\Data\BF100115\
Data File : BF081956.D
Acq On : 1 Oct 2015 23:43
Operator : UM/IZ
Sample : G3754-03DL2 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Quant Time: Oct 02 02:02:04 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



TIC: BF081956.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.051min (+0.114) 20.00ng

response 62286

Ion	Exp%	Act%
152.00	100	100
150.00	155.90	152.81
115.00	48.70	54.78
0.00	0.00	0.00

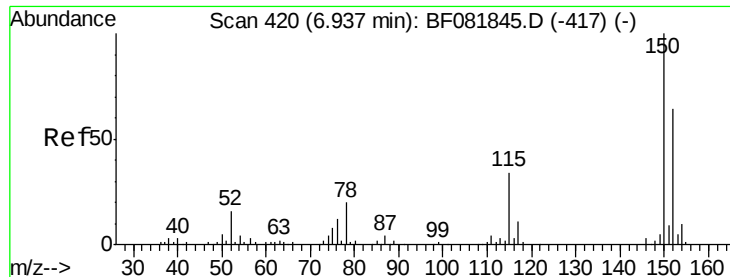
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081959.D
 Acq On : 2 Oct 2015 1:14
 Operator : UM/IZ
 Sample : G3827-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Quant Time: Oct 02 04:25:11 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	6.89	152	116224	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	477411	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	236982	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	468081	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	445879	20.00	ng	-0.06
86) Perylene-d12	15.50	264	335257	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	729194	113.89	ng	-0.02
7) Phenol-d6	6.53	99	951907	118.16	ng	-0.03
23) Nitrobenzene-d5	7.46	82	583399	81.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	252469	105.19	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	892086	59.40	ng	-0.05
78) Terphenyl-d14	13.01	244	883240	58.72	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	72999	14.91	ng	# 57
25) Isophorone	7.46	82	480999	33.88	ng	# 58
49) Dimethylphthalate	9.66	163	332702	20.34	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	29619	6.54	ng	# 33
57) Fluorene	10.72	166	9675	Below	Cal	# 78
66) 4-Bromophenyl-phenylether	10.72	248	16136	3.42	ng	# 1
70) Phenanthrene	11.44	178	223	Below	Cal	# 62
73) Di-n-butylphthalate	11.98	149	5480	Below	Cal	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

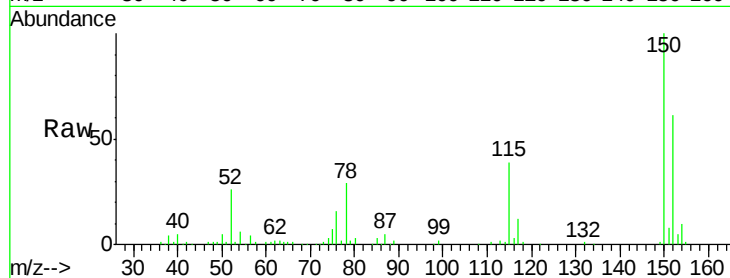
Tgt Ion:152 Resp: 116224

Ion Ratio Lower Upper

152 100

150 164.1 124.7 187.1

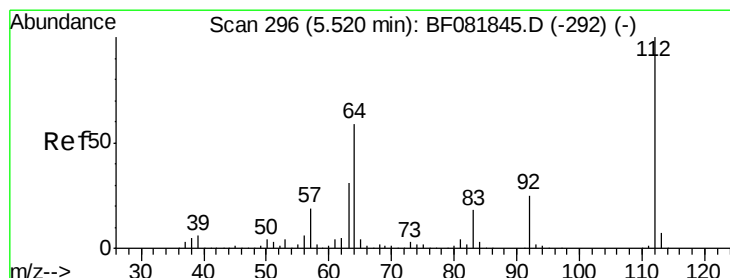
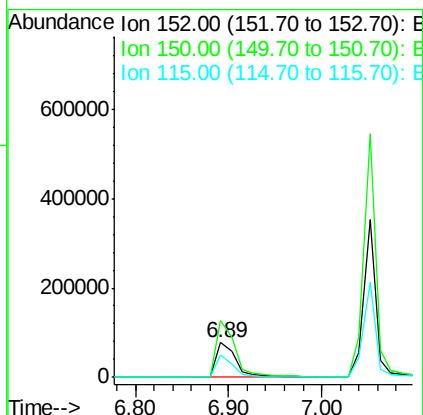
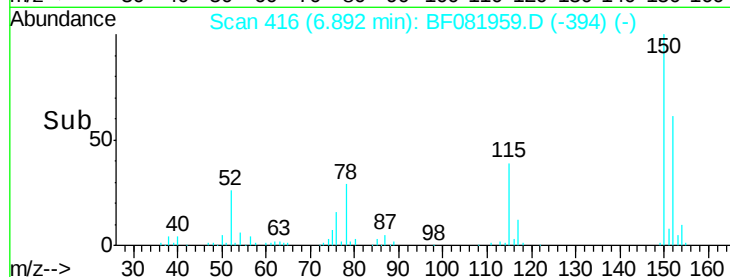
115 64.7 39.0 58.4#



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: 113.89 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

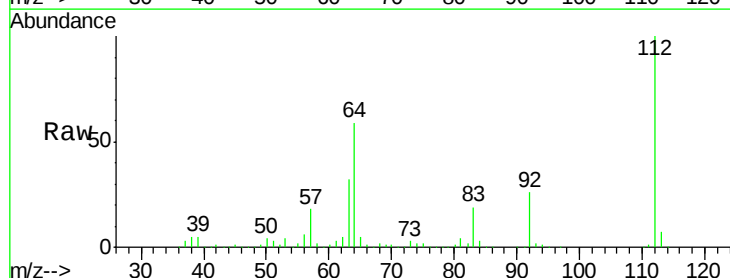
Tgt Ion:112 Resp: 729194

Ion Ratio Lower Upper

112 100

64 59.0 39.7 59.5

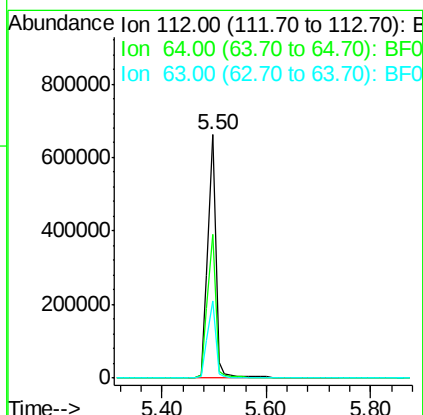
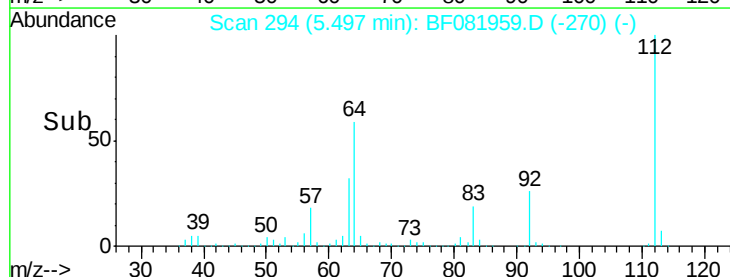
63 31.5 17.4 26.0#

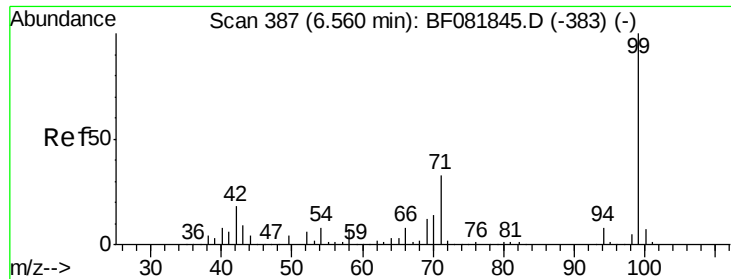


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.16 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

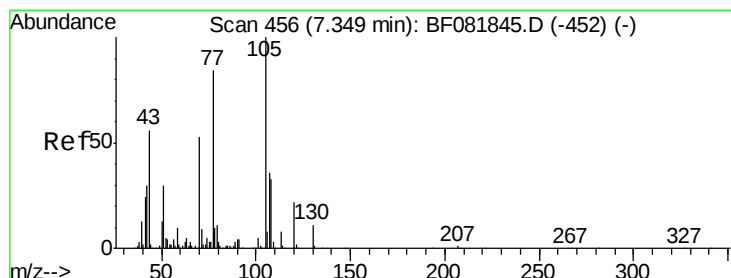
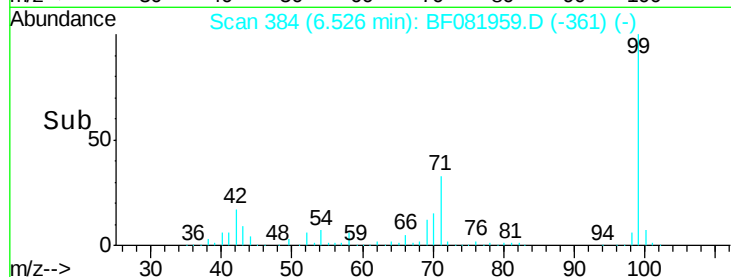
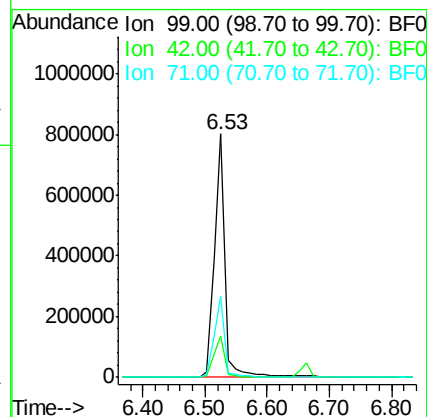
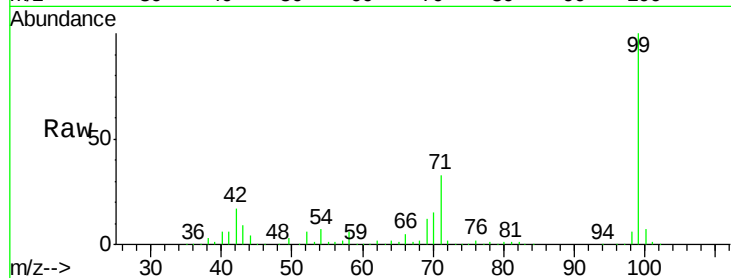
Tgt Ion: 99 Resp: 951907

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

71 33.2 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.91 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Tgt Ion: 70 Resp: 72999

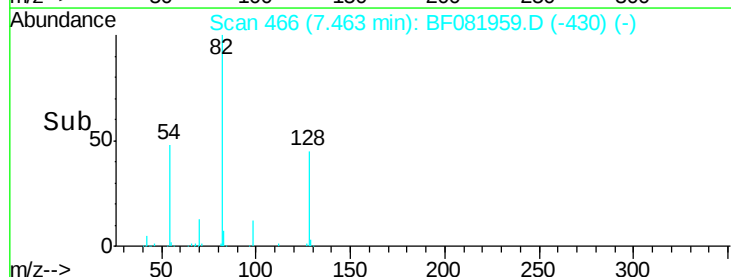
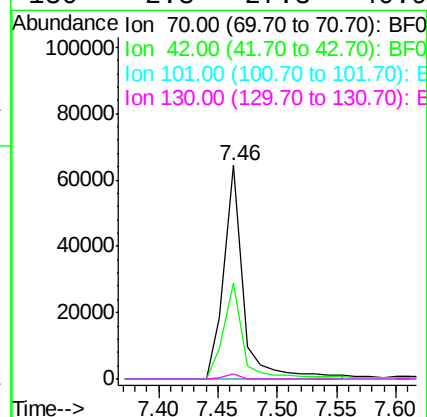
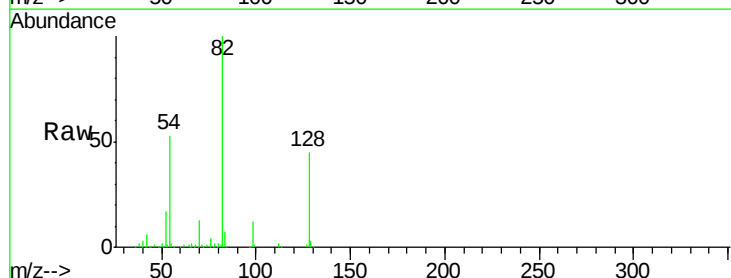
Ion Ratio Lower Upper

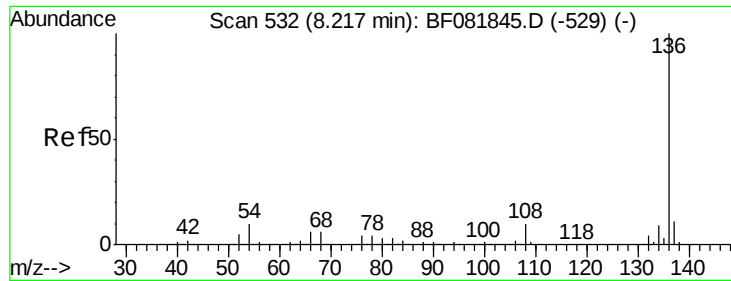
70 100

42 45.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

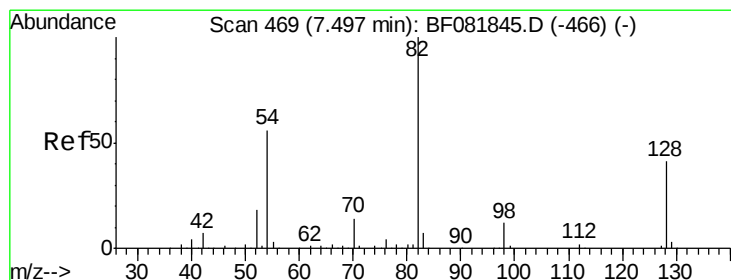
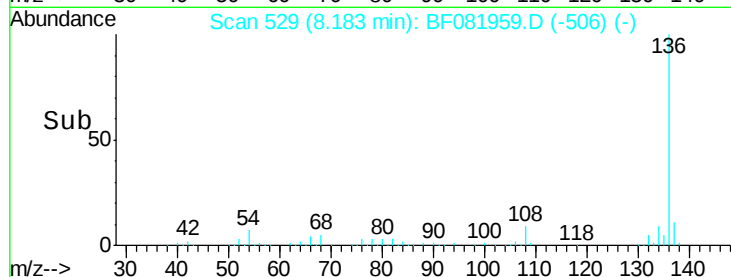
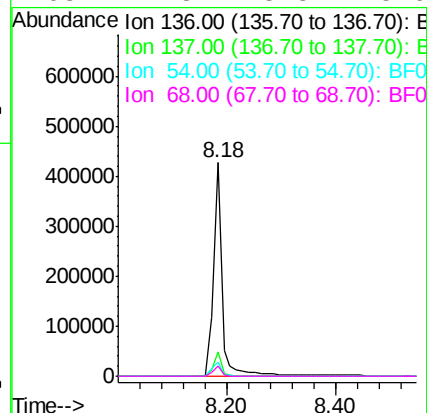
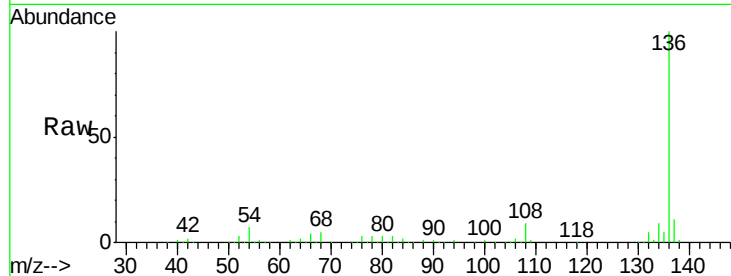




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

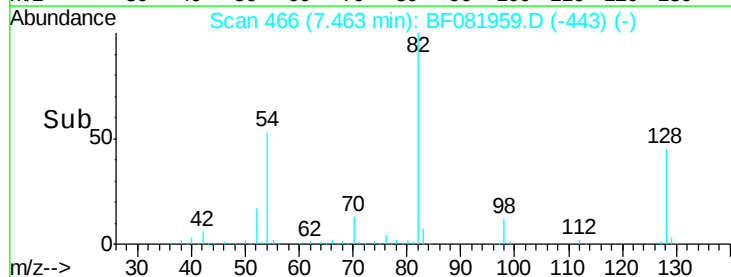
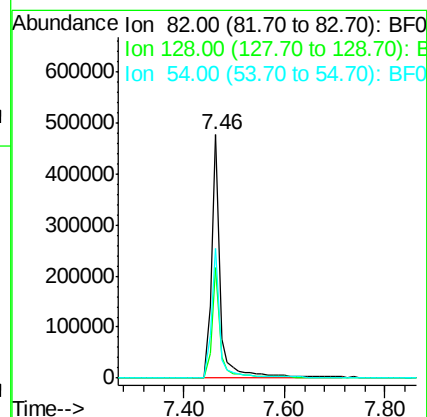
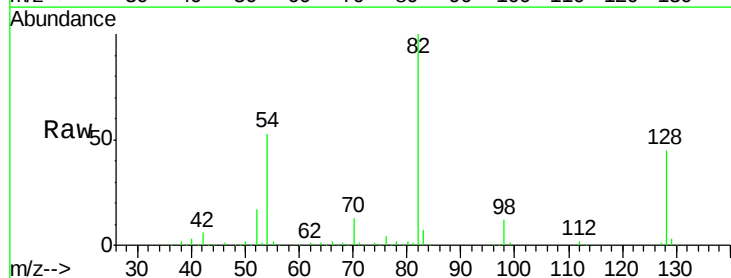
Instrument :
BNA_F
ClientSampleId :
MW-3BDL

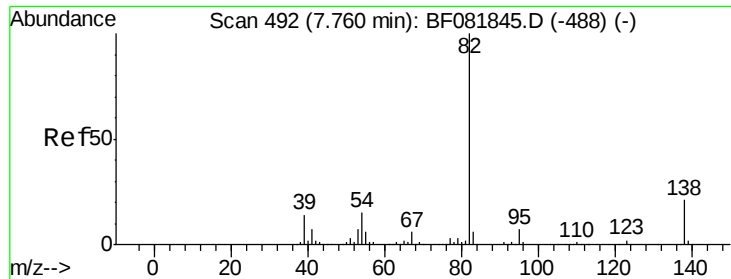
Tgt Ion: 136 Resp: 477411
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 6.9 8.2 12.2#
68 4.8 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 81.46 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

Tgt Ion: 82 Resp: 583399
Ion Ratio Lower Upper
82 100
128 45.2 51.0 76.6#
54 53.4 47.5 71.3

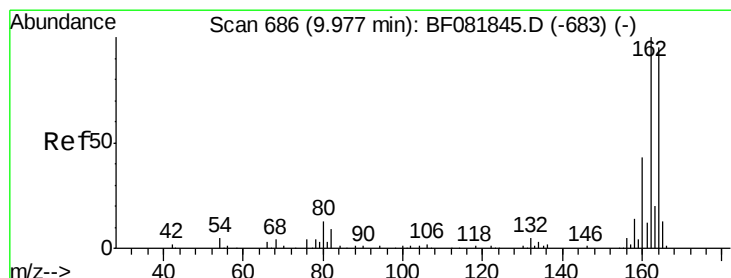
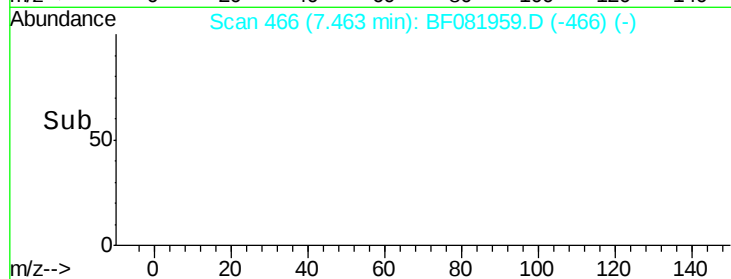
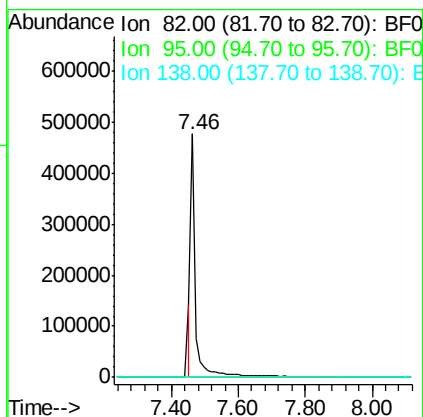
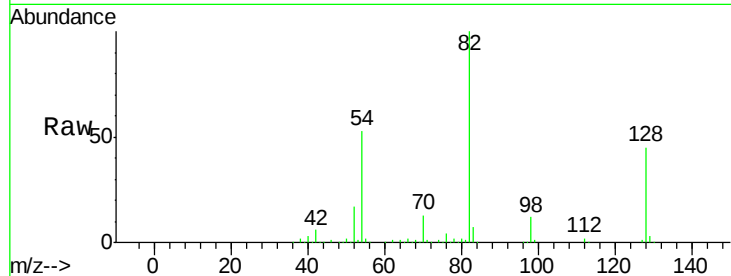




#25
Isophorone
Concen: 33.88 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.30 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

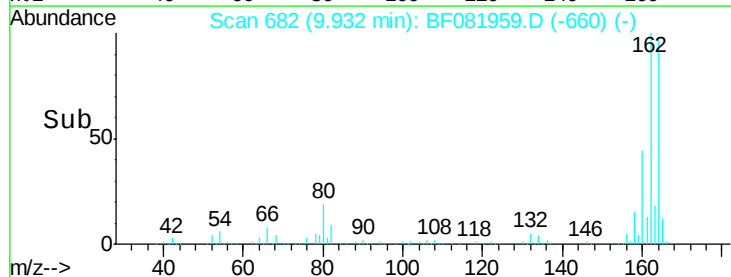
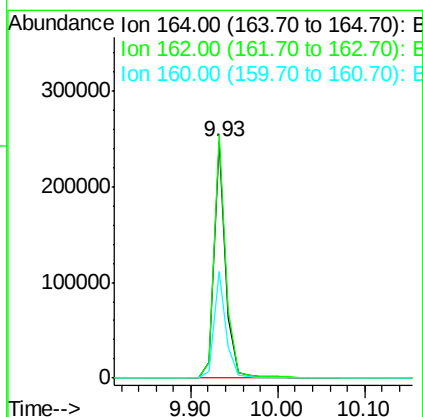
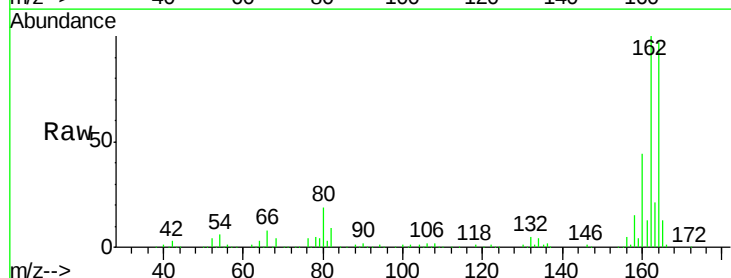
Instrument :
BNA_F
ClientSampleId :
MW-3BDL

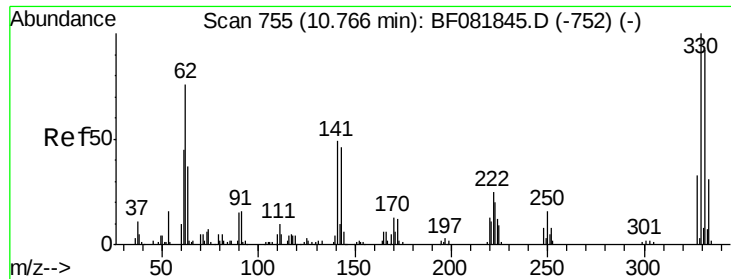
Tgt Ion: 82 Resp: 480999
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

Tgt Ion: 164 Resp: 236982
Ion Ratio Lower Upper
164 100
162 102.9 75.2 112.8
160 45.0 31.5 47.3

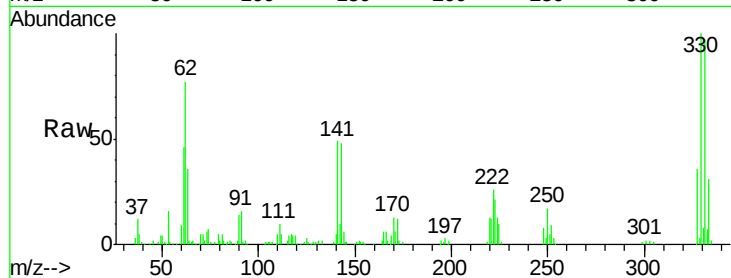




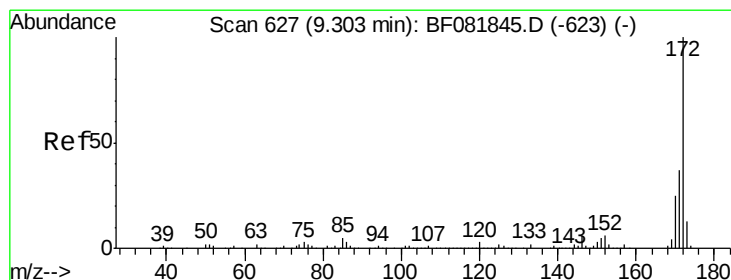
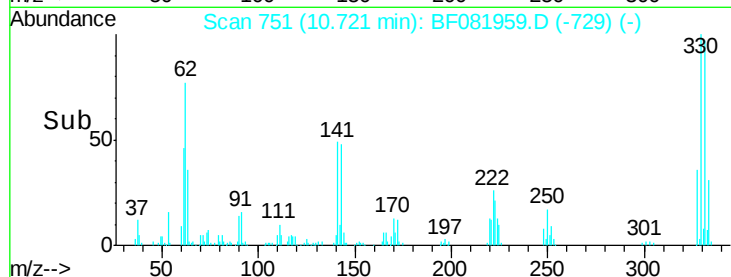
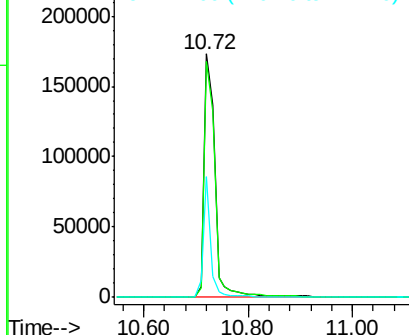
#41
 2,4,6-Tribromophenol
 Concen: 105.19 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081959.D
 Acq: 2 Oct 2015 1:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Tgt Ion:330 Resp: 252469
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 34.9 29.7 44.5

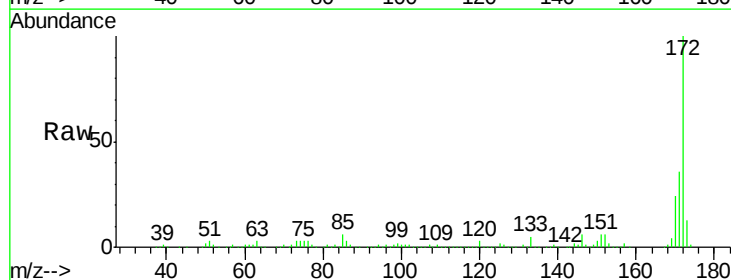


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

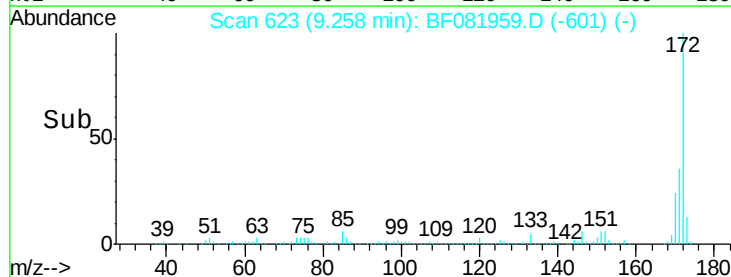
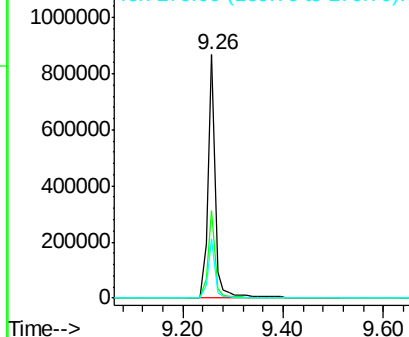


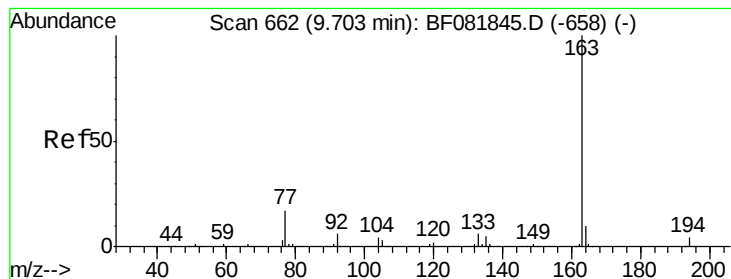
#44
 2-Fluorobiphenyl
 Concen: 59.40 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081959.D
 Acq: 2 Oct 2015 1:14

Tgt Ion:172 Resp: 892086
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.4 17.4 26.2



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





#49

Dimethylphthalate

Concen: 20.34 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.05 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

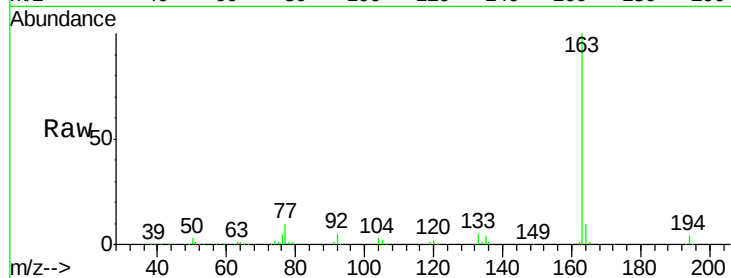
Tgt Ion:163 Resp: 332702

Ion Ratio Lower Upper

163 100

194 4.1 4.4 6.6#

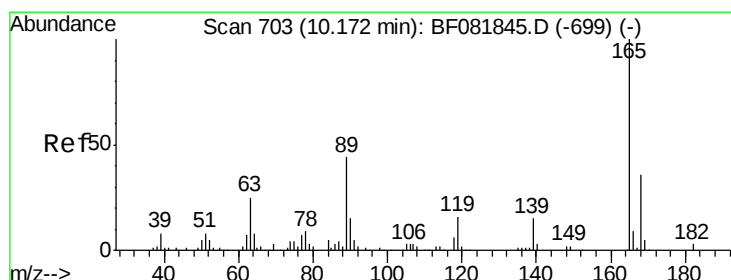
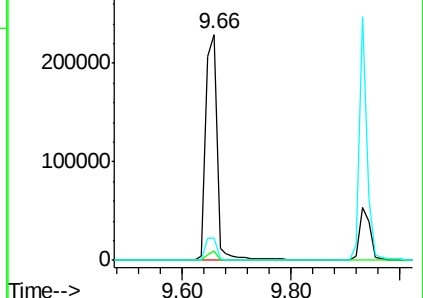
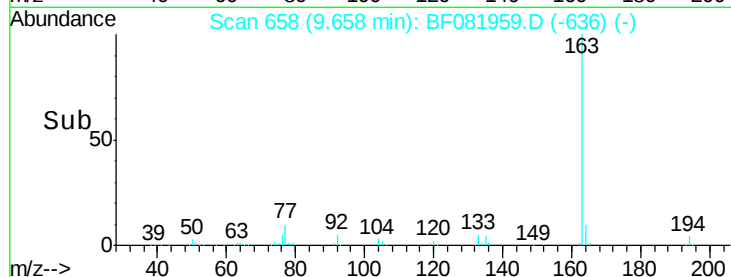
164 9.6 8.3 12.5



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: 6.54 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Tgt Ion:165 Resp: 29619

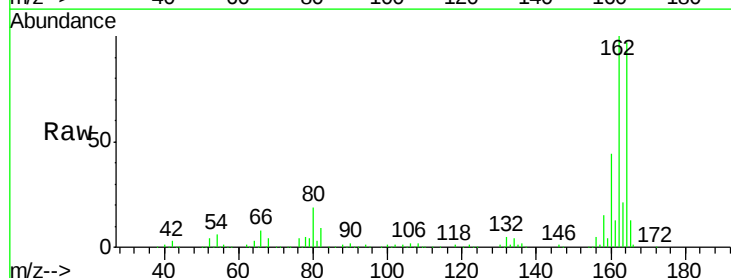
Ion Ratio Lower Upper

165 100

63 1.6 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

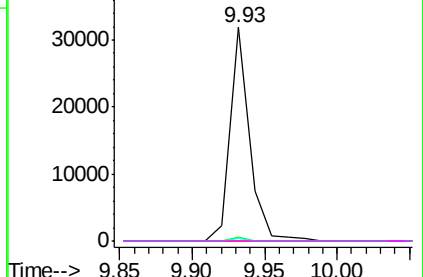
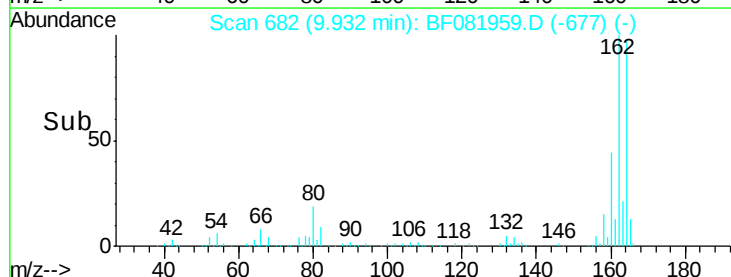


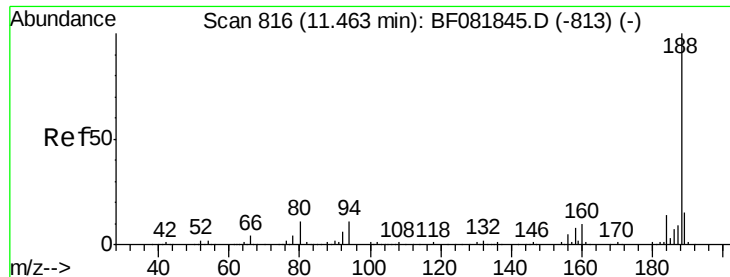
Abundance Ion 165.00 (164.70 to 165.70): E

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

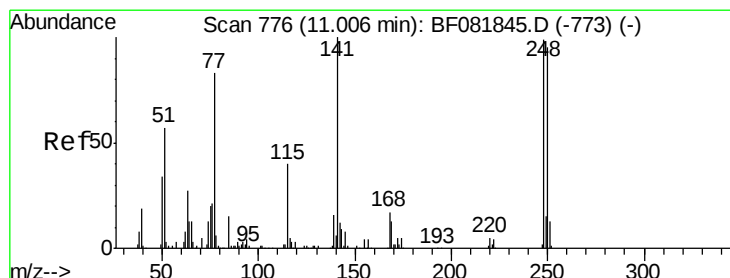
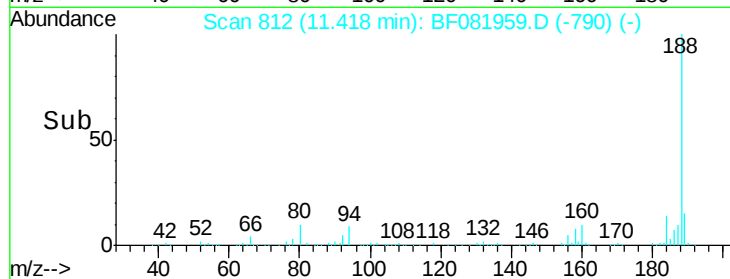
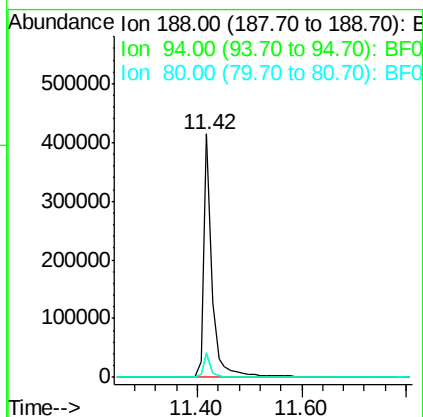
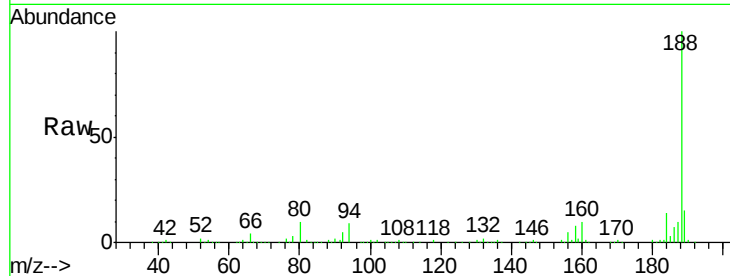




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

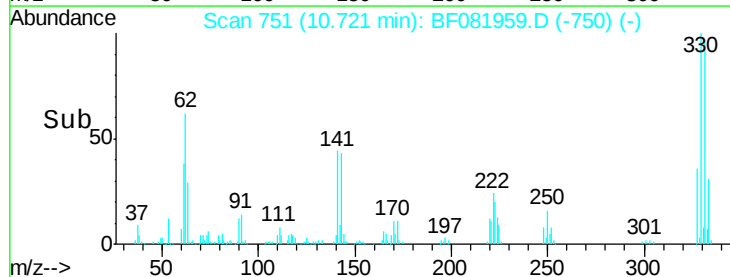
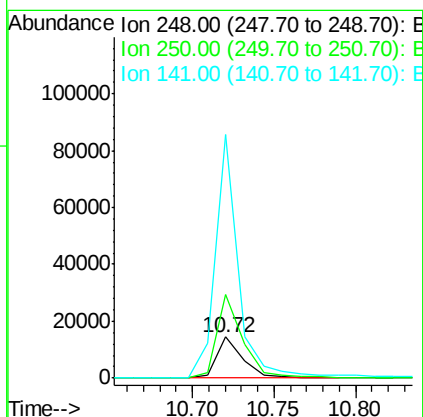
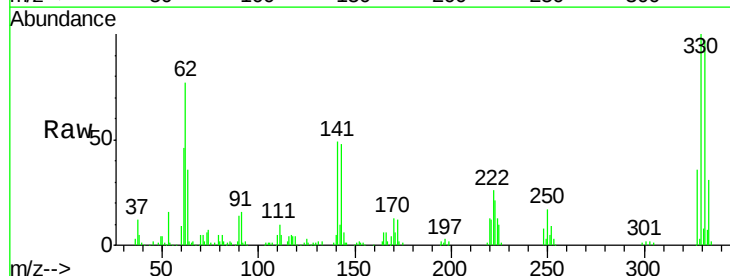
Instrument :
BNA_F
ClientSampleId :
MW-3BDL

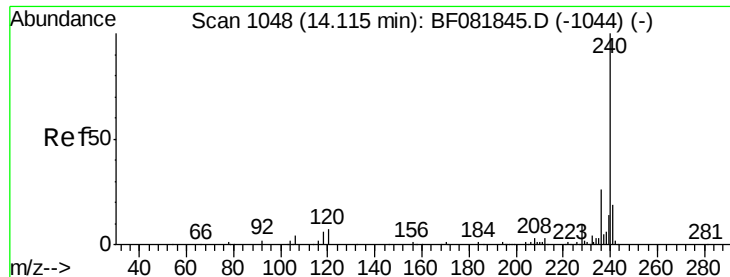
Tgt Ion:188 Resp: 468081
Ion Ratio Lower Upper
188 100
94 9.5 11.1 16.7#
80 10.1 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081959.D
Acq: 2 Oct 2015 1:14

Tgt Ion:248 Resp: 16136
Ion Ratio Lower Upper
248 100
250 202.3 78.5 117.7#
141 589.4 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MW-3BDL

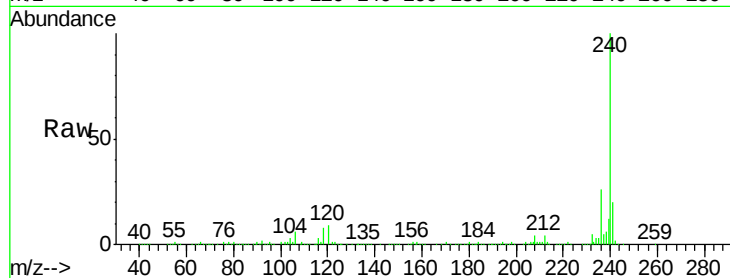
Tgt Ion:240 Resp: 445879

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

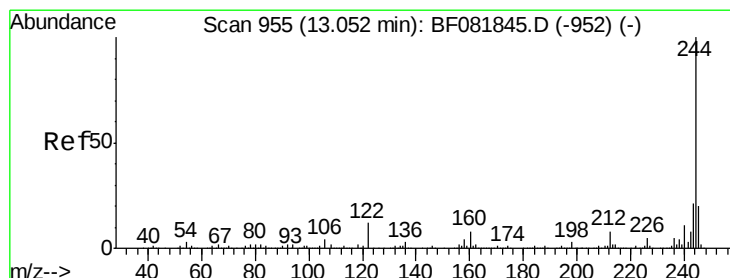
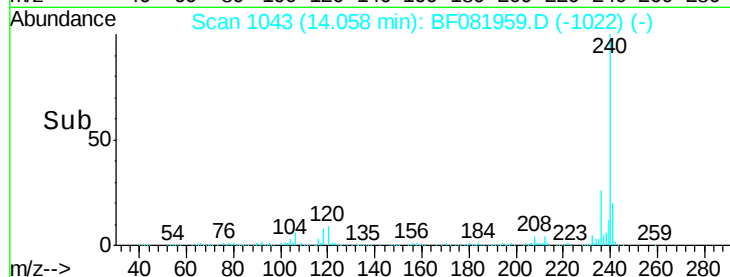
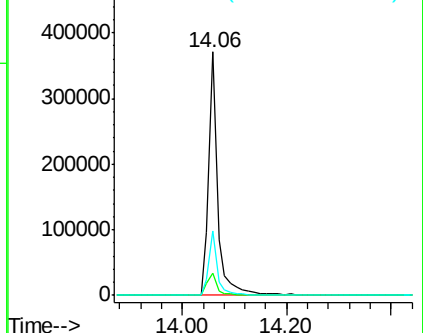
236 26.2 18.4 27.6



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: 58.72 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081959.D

Acq: 2 Oct 2015 1:14

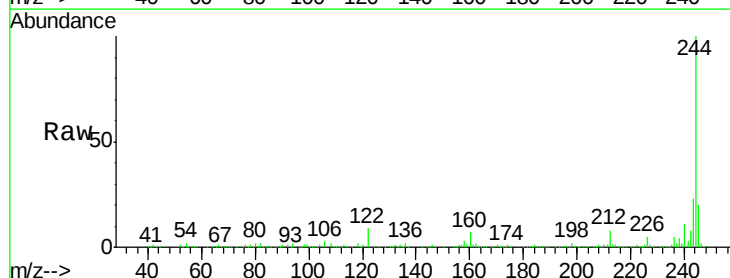
Tgt Ion:244 Resp: 883240

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

122 9.3 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

