

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081453.D
 Acq On : 5 Sep 2015 8:40
 Operator : UM/IZ
 Sample : G3558-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1WS

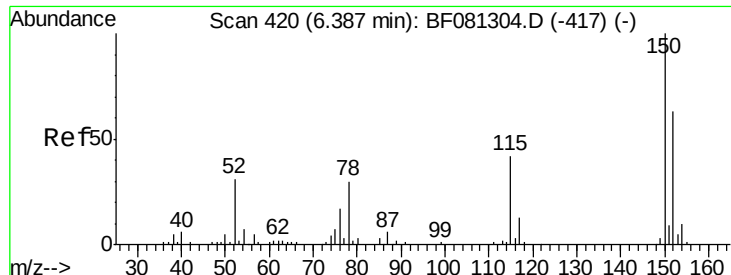
Quant Time: Sep 07 01:59:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57342	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	220890	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96020	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	190462	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	134658	20.00	ng	-0.01
86) Perylene-d12	14.77	264	102054	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	212497	57.50	ng	0.00
7) Phenol-d6	6.02	99	188521	38.54	ng	-0.01
23) Nitrobenzene-d5	6.94	82	402833	87.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	115199	134.74	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	654702	87.38	ng	0.00
78) Terphenyl-d14	12.43	244	549146	94.93	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.12	77	10886	3.55	ng	# 56
18) Hexachloroethane	6.94	117	6058	3.51	ng	# 5
19) n-Nitroso-di-n-propylamine	6.94	70	56251	16.89	ng	# 62
25) Isophorone	6.94	82	295131	34.66	ng	# 58
49) Dimethylphthalate	9.13	163	21635	2.90	ng	# 97
50) 2,6-Dinitrotoluene	9.38	165	12248	7.23	ng	# 37
51) Acenaphthene	9.42	154	20239	3.14	ng	# 88
56) 2,4-Dinitrotoluene	9.38	165	12248	5.68	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9428	4.90	ng	# 1

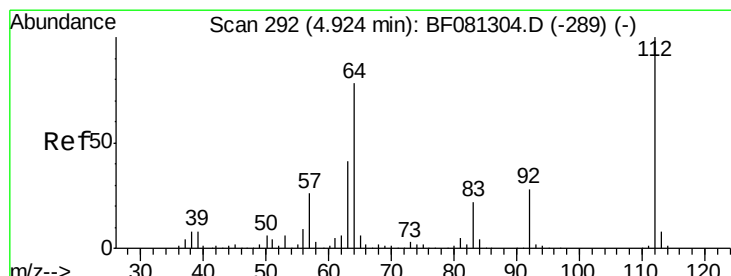
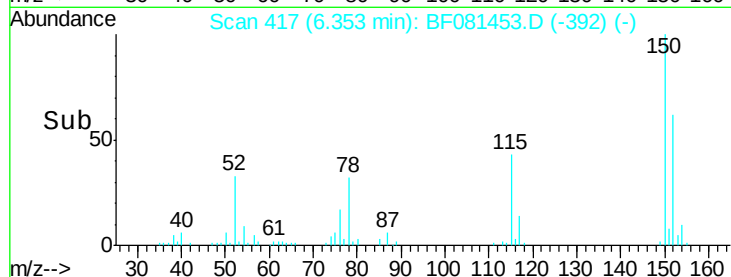
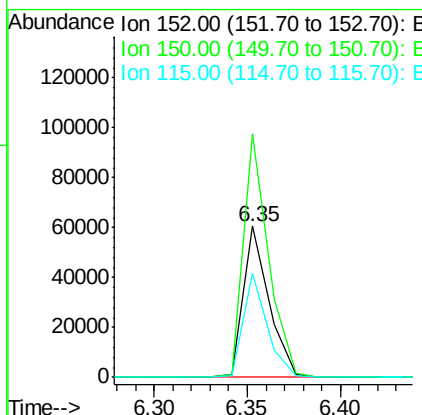
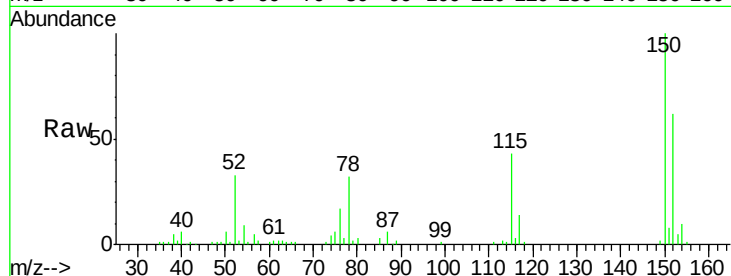
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF081453.D
 Acq: 5 Sep 2015 8:40

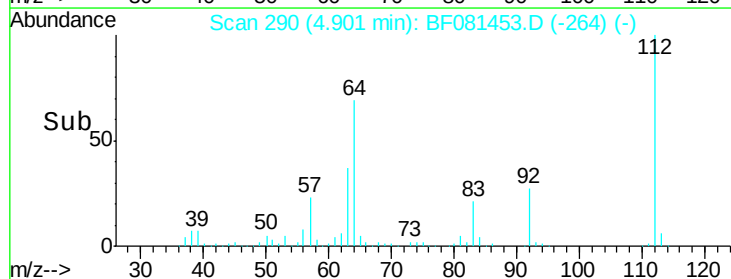
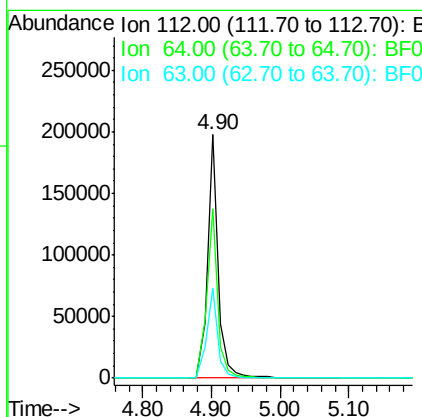
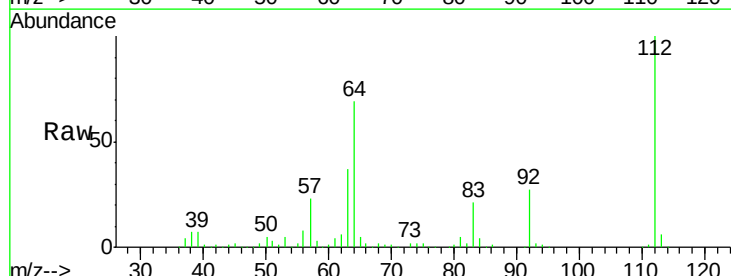
Instrument :
 BNA_F
 ClientSampleId :
 SB-1WS

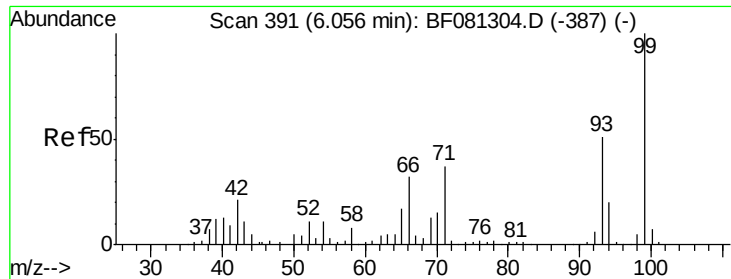
Tot Ion:152 Resp: 57342
 Ion Ratio Lower Upper
 152 100
 150 160.9 124.7 187.1
 115 69.1 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 57.50 ng
 RT: 4.90 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: BF081453.D
 Acq: 5 Sep 2015 8:40

Tgt Ion:112 Resp: 212497
 Ion Ratio Lower Upper
 112 100
 64 69.4 39.7 59.5#
 63 36.8 17.4 26.0#





#7

Phenol-d6

Concen: 38.54 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Instrument :

BNA_F

ClientSampled :

SB-1WS

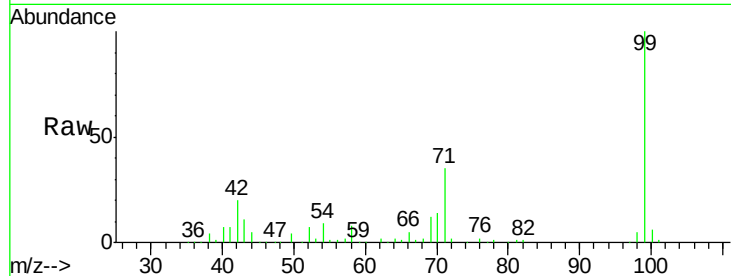
Tot Ion: 99 Resp: 188521

Ion Ratio Lower Upper

99 100

42 20.2 13.7 20.5

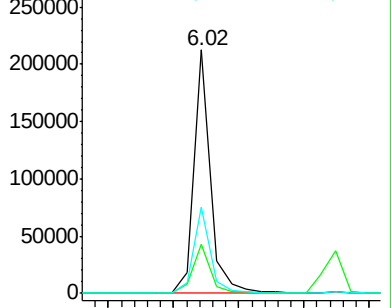
71 35.4 14.2 21.2#



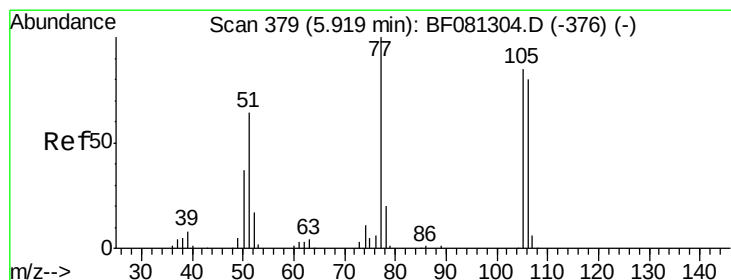
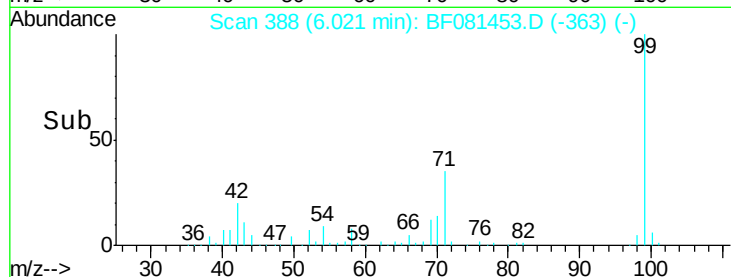
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 3.55 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

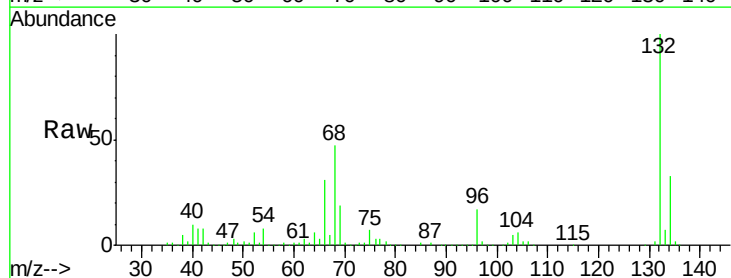
Tgt Ion: 77 Resp: 10886

Ion Ratio Lower Upper

77 100

105 75.1 91.6 131.6#

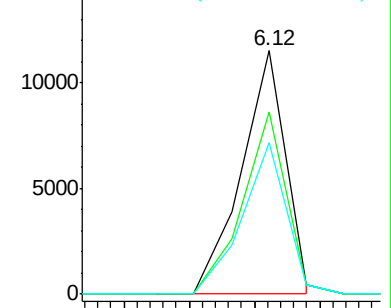
106 62.4 102.6 142.6#



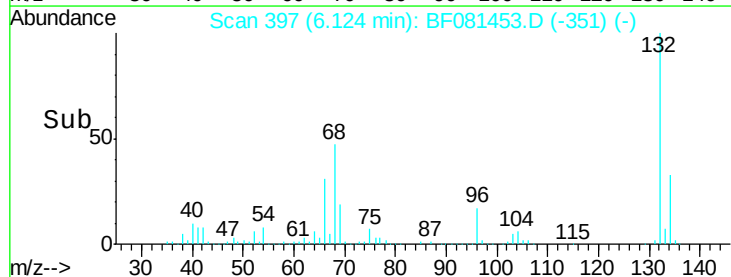
Abundance Ion 77.00 (76.70 to 77.70): BF0

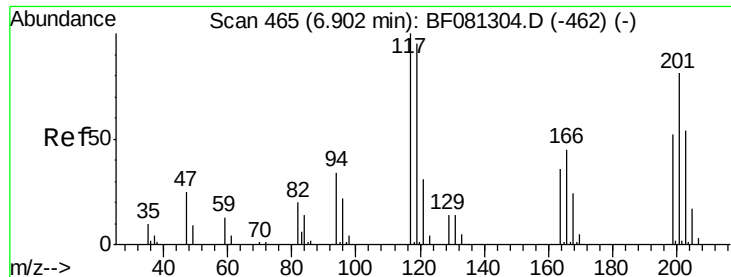
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->





#18

Hexachloroethane

Concen: 3.51 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.07 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Instrument :

BNA_F

ClientSampleId :

SB-1WS

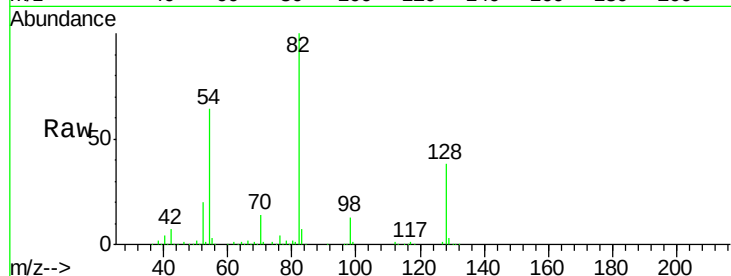
Tot Ion: 117 Resp: 6058

Ion Ratio Lower Upper

117 100

119 0.0 83.8 125.6#

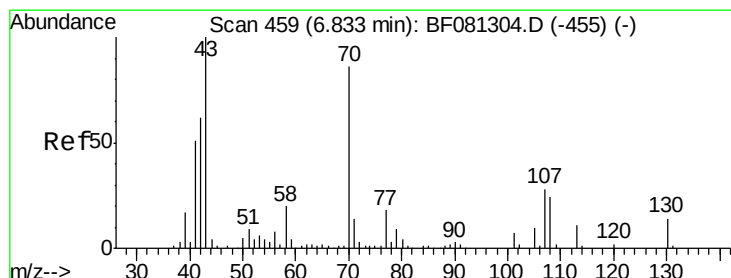
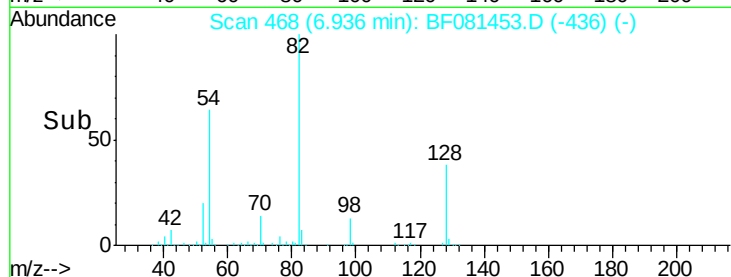
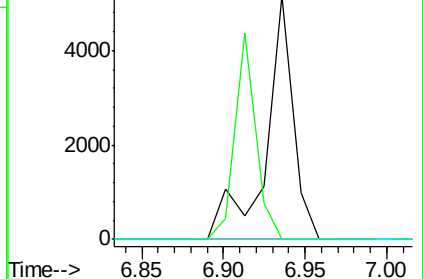
201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 16.89 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Tgt Ion: 70 Resp: 56251

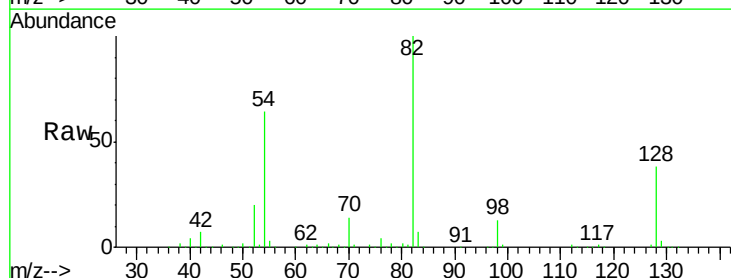
Ion Ratio Lower Upper

70 100

42 51.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

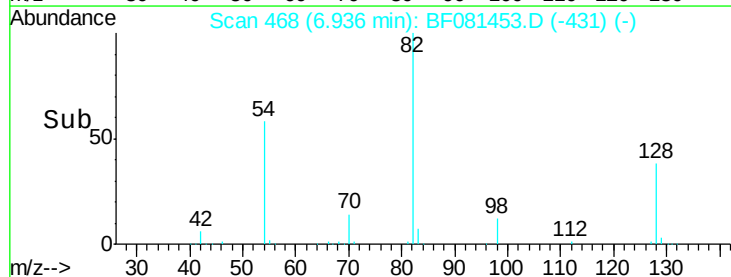
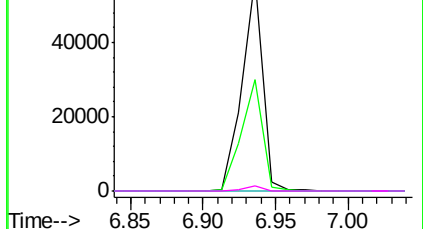


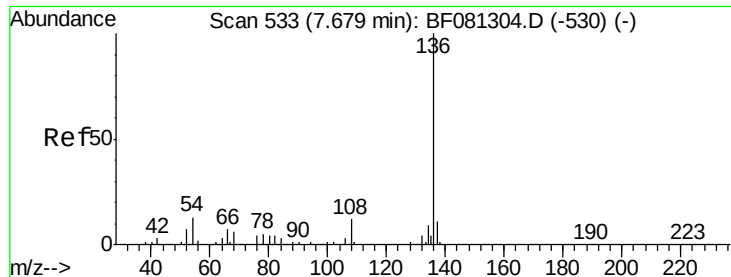
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Instrument :

BNA_F

ClientSampleId :

SB-1WS

Tot Ion:136 Resp: 220890

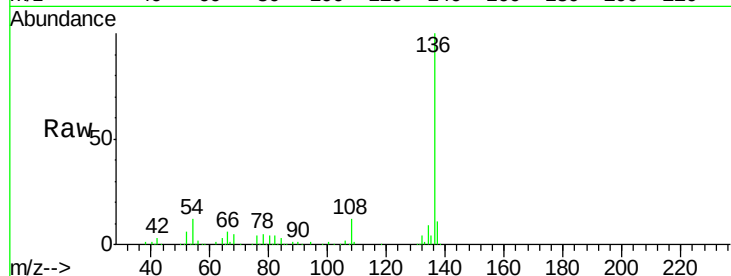
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.5 8.2 12.2#

68 5.2 5.8 8.6#

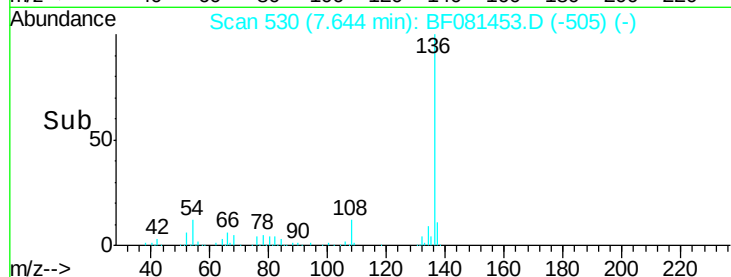


Abundance Ion 136.00 (135.70 to 136.70): E

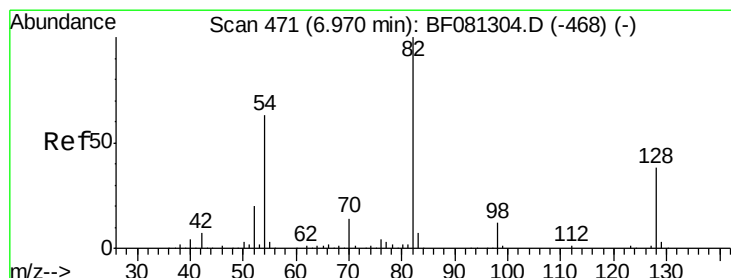
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 87.99 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

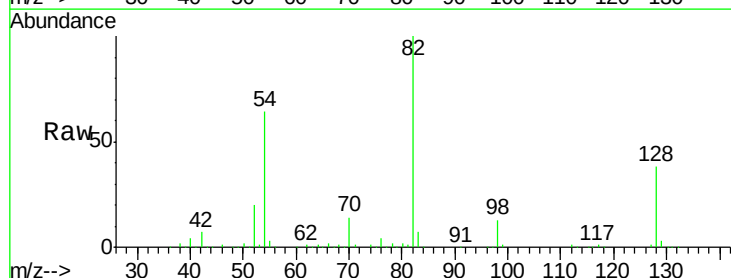
Tgt Ion: 82 Resp: 402833

Ion Ratio Lower Upper

82 100

128 37.6 51.0 76.6#

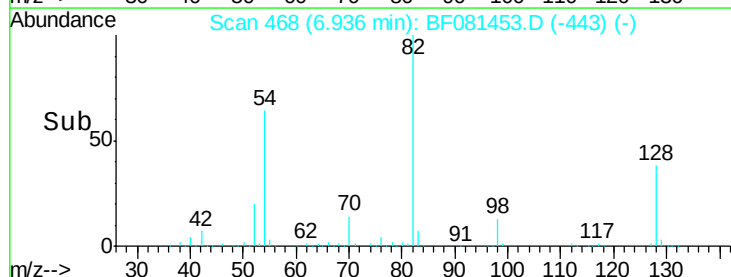
54 64.1 47.5 71.3



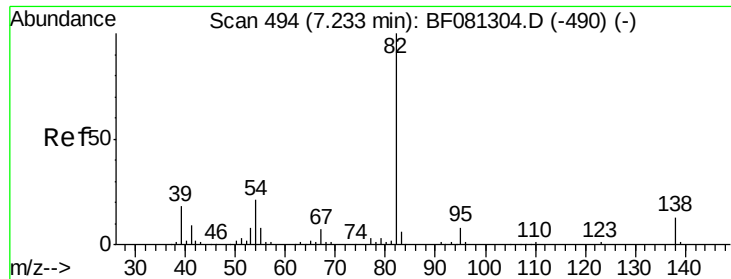
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#25

Isophorone

Concen: 34.66 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Instrument :

BNA_F

ClientSampleId :

SB-1WS

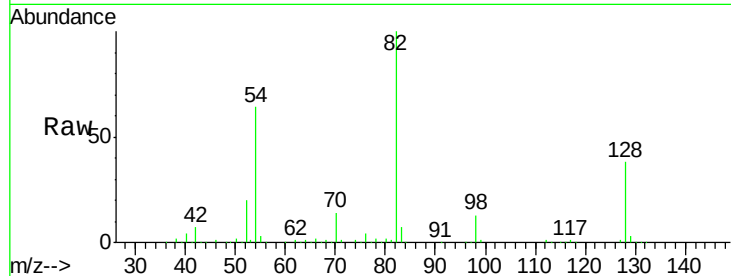
Tot Ion: 82 Resp: 295131

Ion Ratio Lower Upper

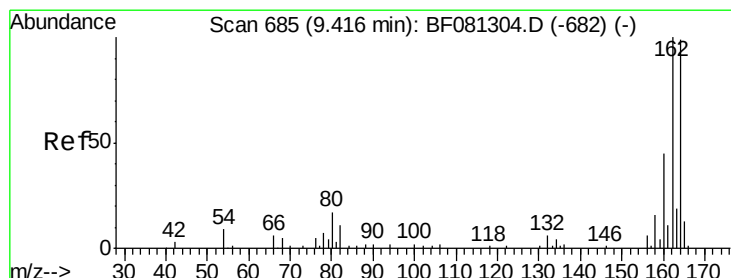
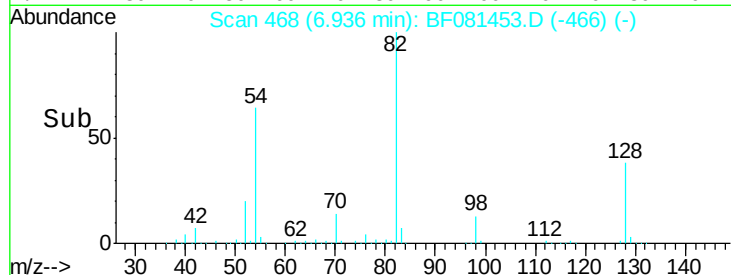
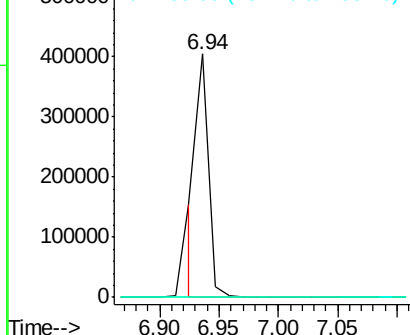
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

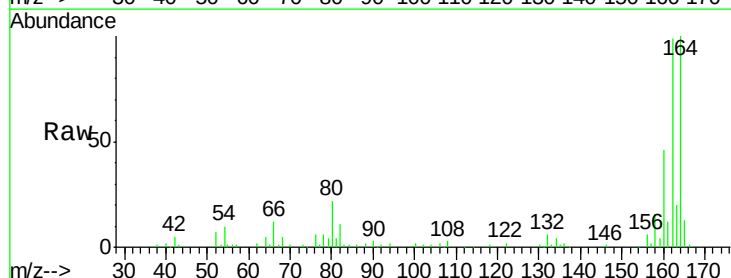
Tgt Ion:164 Resp: 96020

Ion Ratio Lower Upper

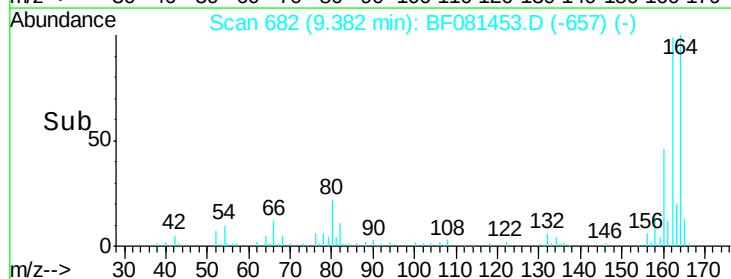
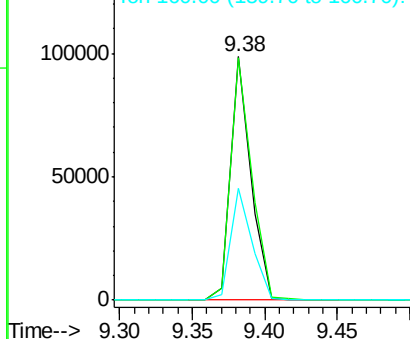
164 100

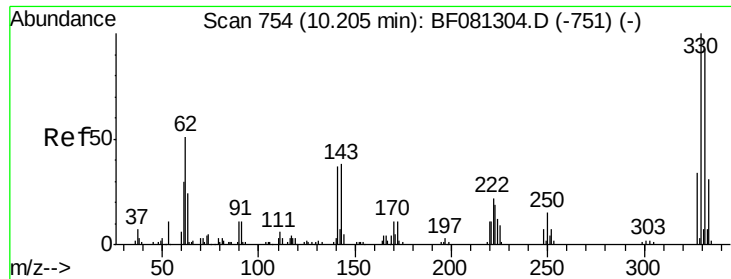
162 99.4 75.2 112.8

160 45.9 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

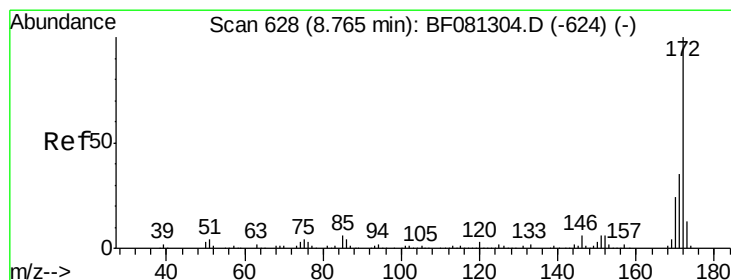
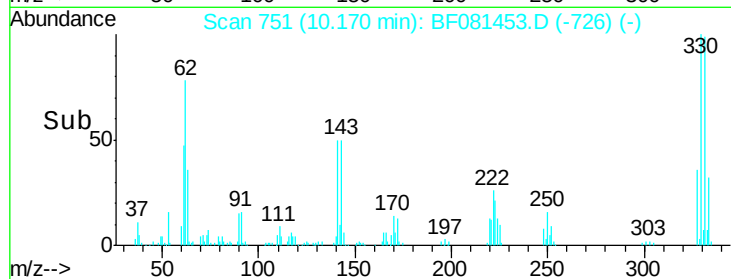
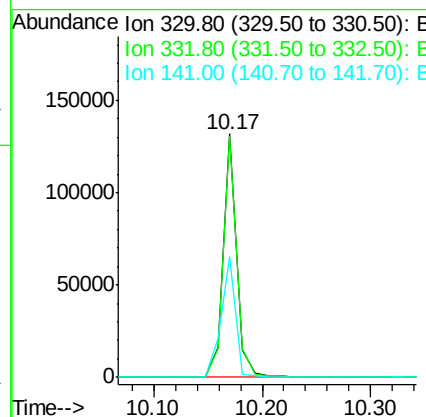
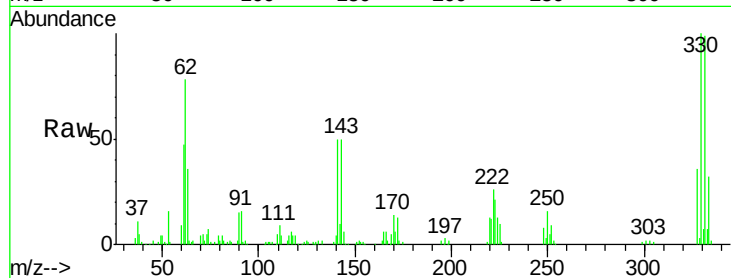




#41
 2,4,6-Tribromophenol
 Concen: 134.74 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081453.D
 Acq: 5 Sep 2015 8:40

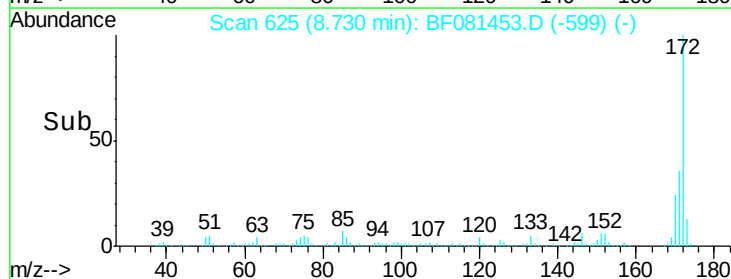
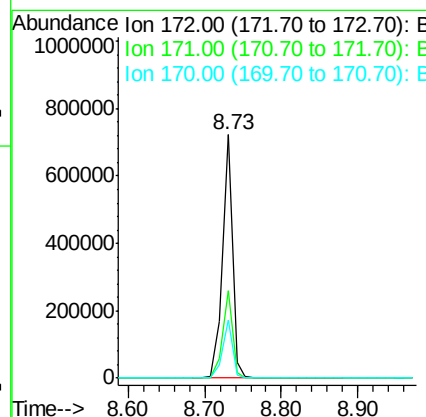
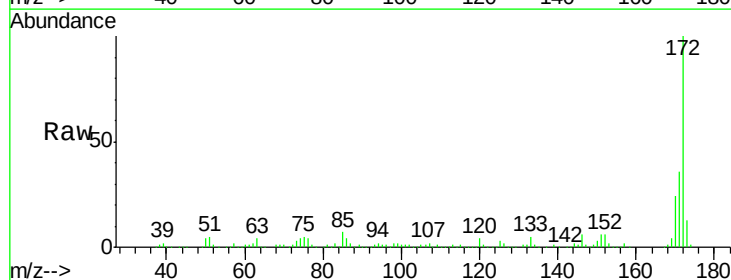
Instrument :
 BNA_F
 ClientSampleId :
 SB-1WS

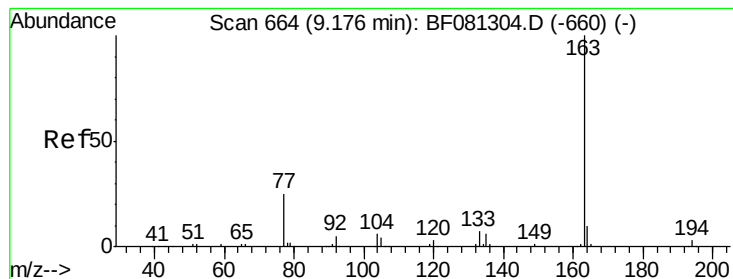
Tot Ion:330 Resp: 115199
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 114.8
 141 53.9 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 87.38 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081453.D
 Acq: 5 Sep 2015 8:40

Tgt Ion:172 Resp: 654702
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.0 17.4 26.2





#49

Dimethylphthalate

Concen: 2.90 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Instrument :

BNA_F

ClientSampleId :

SB-1WS

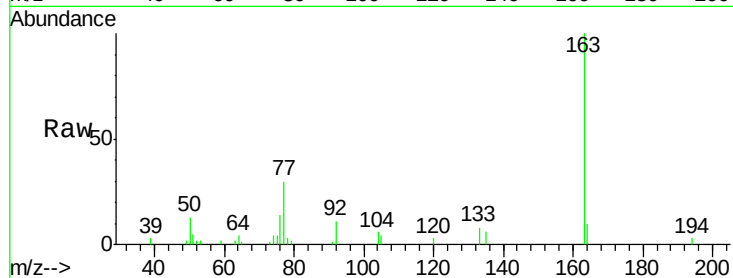
Tot Ion:163 Resp: 21635

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

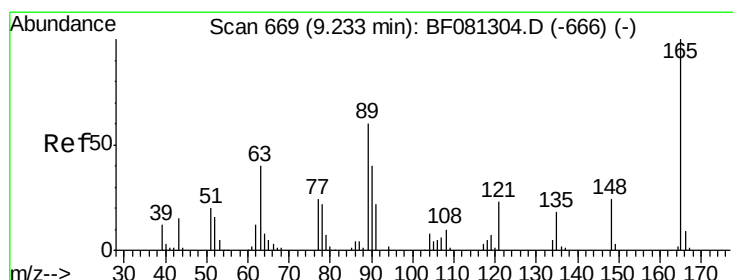
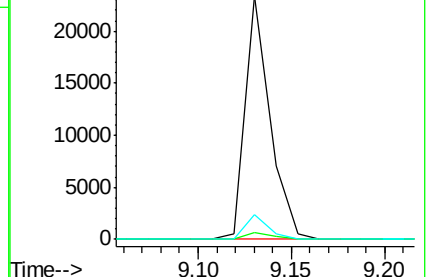
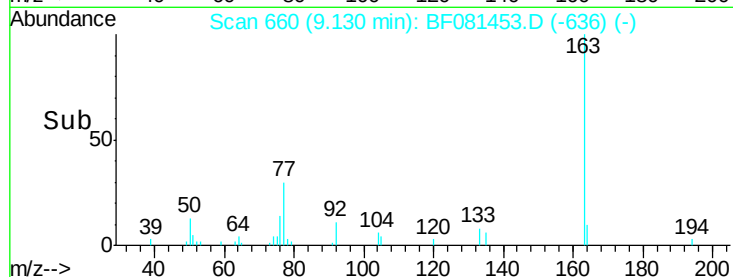
164 10.0 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 7.23 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.17 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

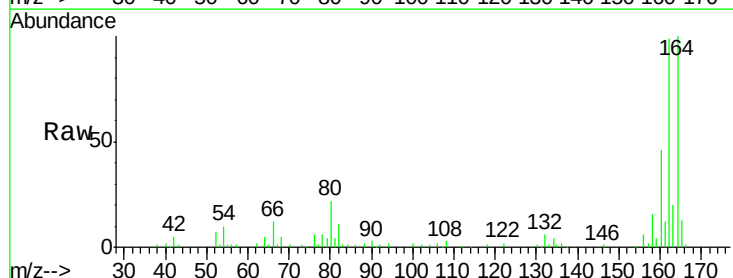
Tgt Ion:165 Resp: 12248

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

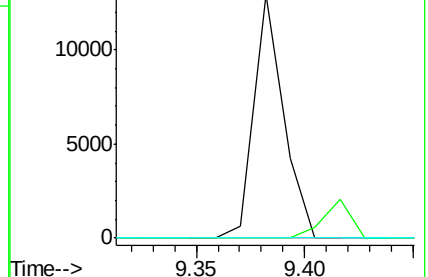
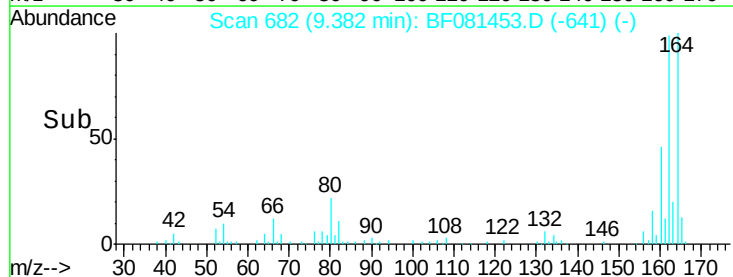
89 0.0 28.6 43.0#

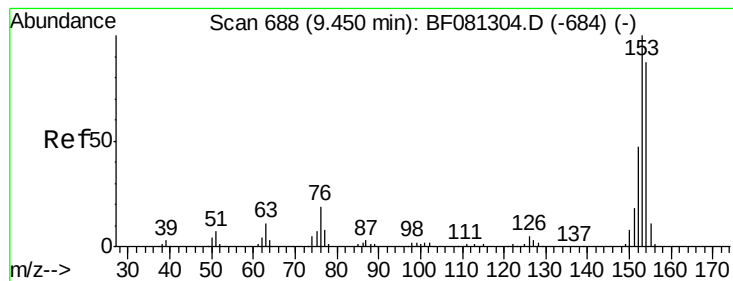


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.14 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Instrument :

BNA_F

ClientSampleId :

SB-1WS

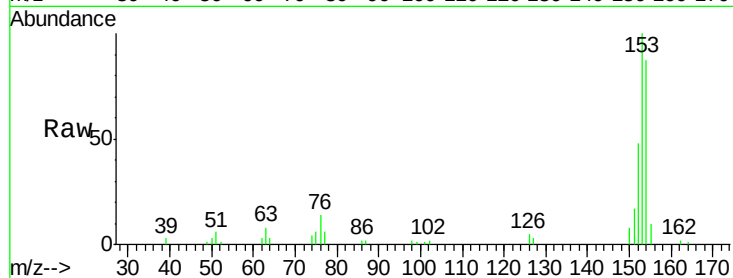
Tot Ion:154 Resp: 20239

Ion Ratio Lower Upper

154 100

153 114.7 82.1 123.1

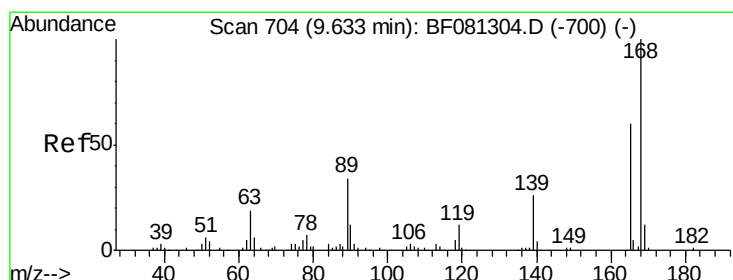
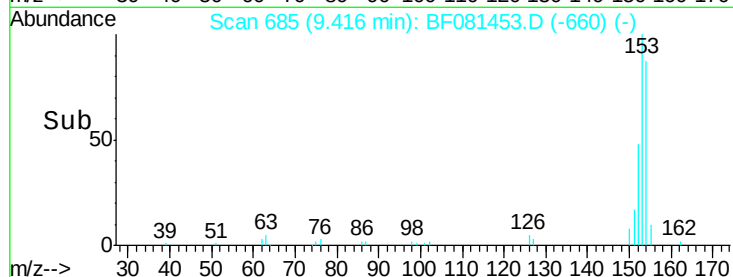
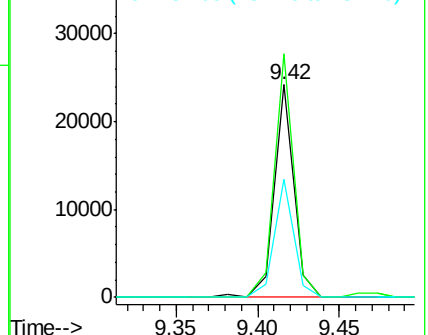
152 55.5 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.68 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Tgt Ion:165 Resp: 12248

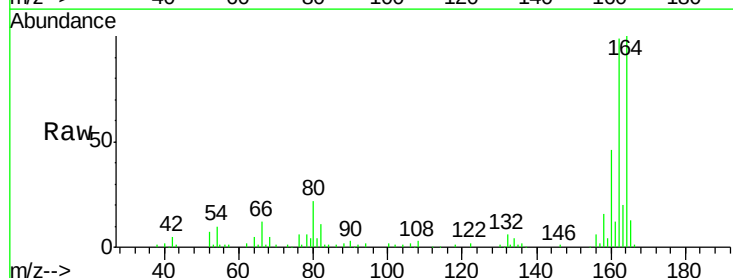
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

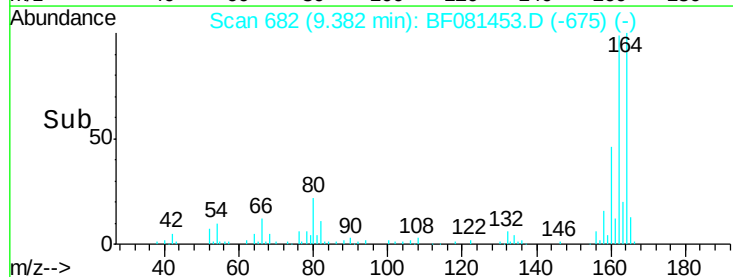
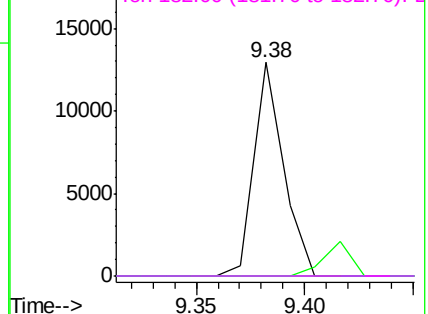


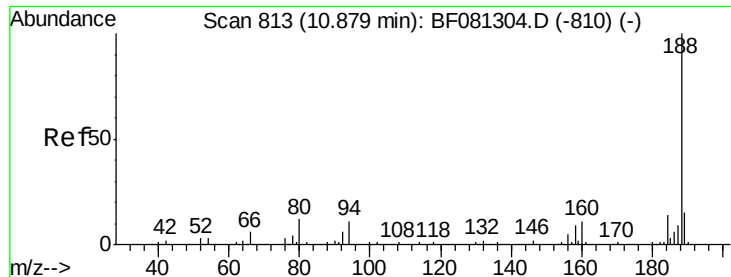
Abundance Ion 165.00 (164.70 to 165.70): E

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

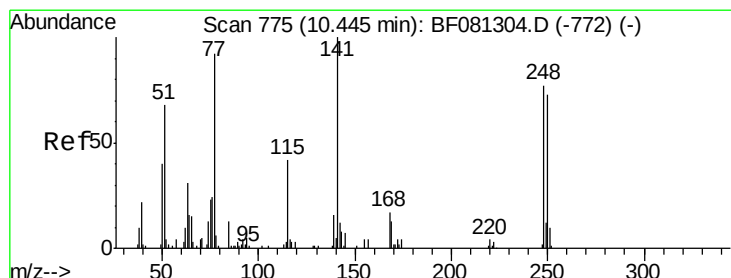
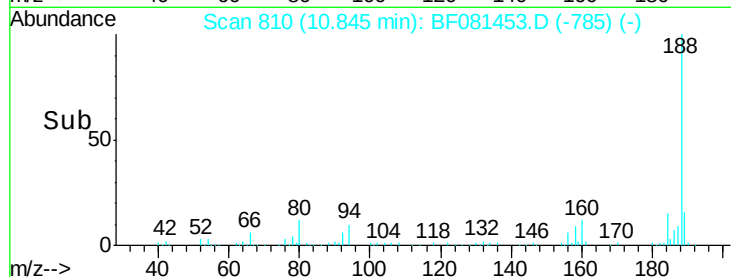
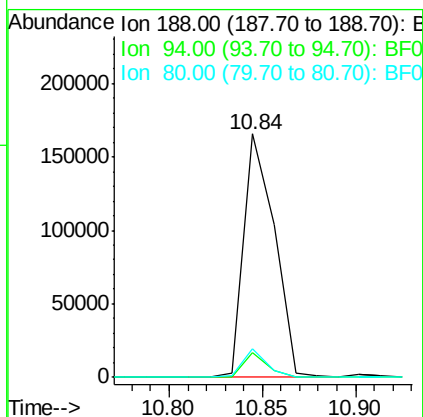
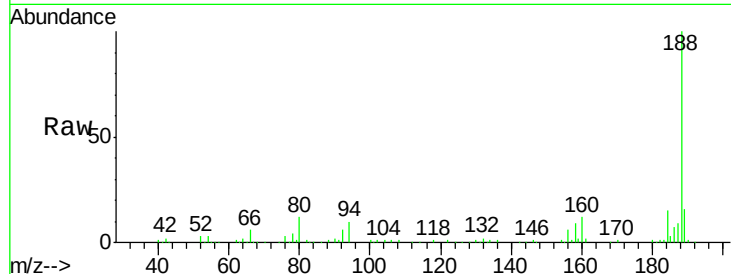




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081453.D
 Acq: 5 Sep 2015 8:40

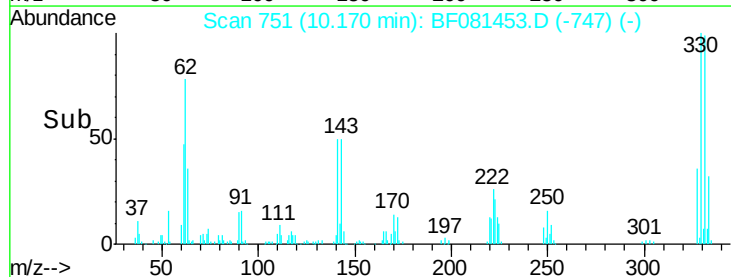
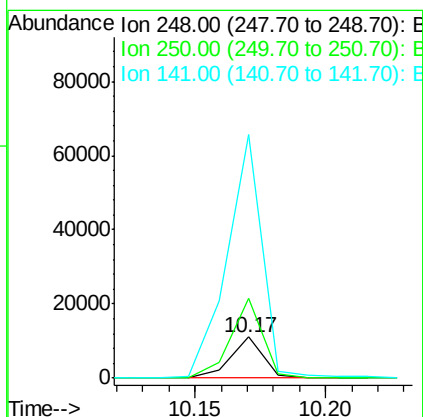
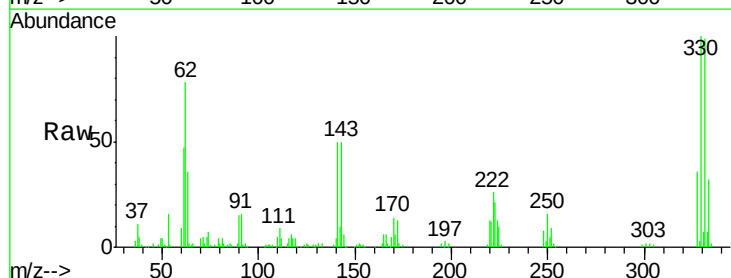
Instrument :
 BNA_F
 ClientSampleId :
 SB-1WS

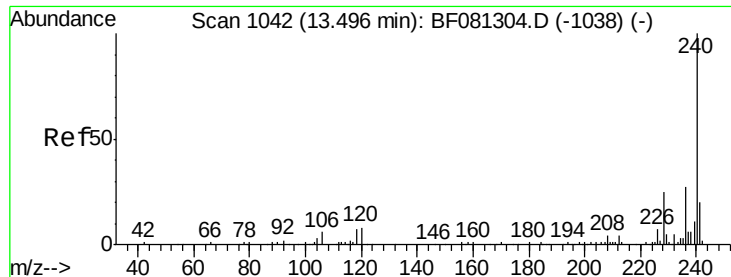
Tot Ion:188 Resp: 190462
 Ion Ratio Lower Upper
 188 100
 94 10.3 11.1 16.7#
 80 11.9 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 4.90 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081453.D
 Acq: 5 Sep 2015 8:40

Tgt Ion:248 Resp: 9428
 Ion Ratio Lower Upper
 248 100
 250 194.5 78.5 117.7#
 141 597.2 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Instrument :

BNA_F

ClientSampleId :

SB-1WS

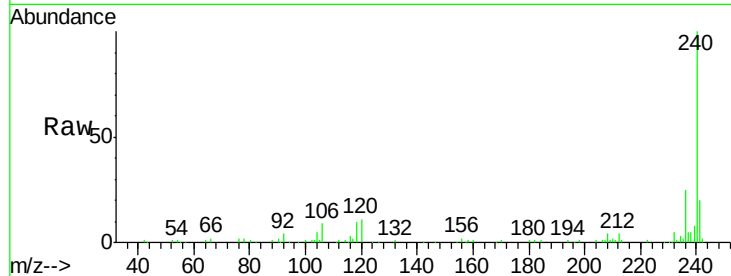
Tot Ion:240 Resp: 134658

Ion Ratio Lower Upper

240 100

120 10.9 16.2 24.2#

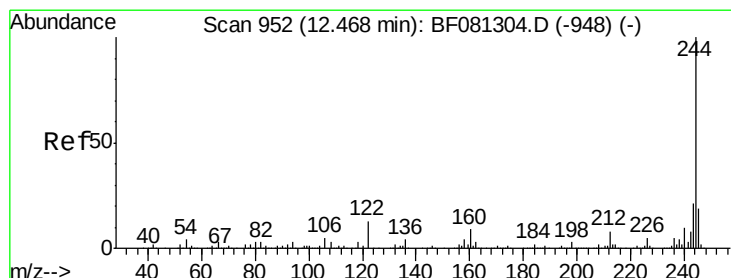
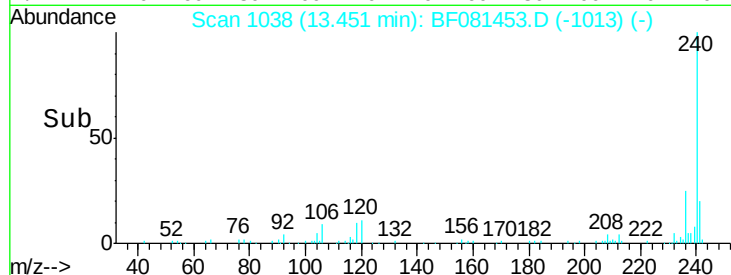
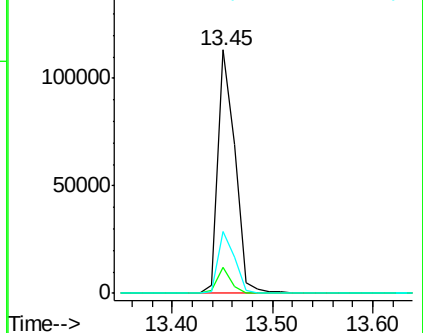
236 25.3 18.4 27.6



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: 94.93 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

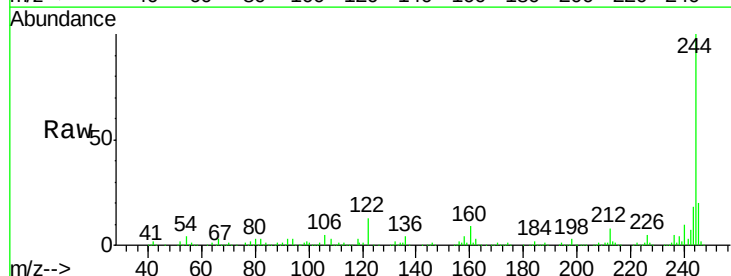
Tgt Ion:244 Resp: 549146

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

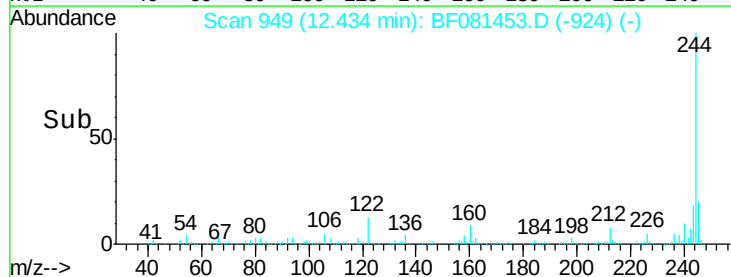
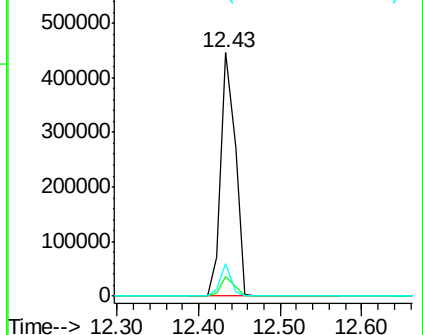
122 13.4 17.4 26.2#

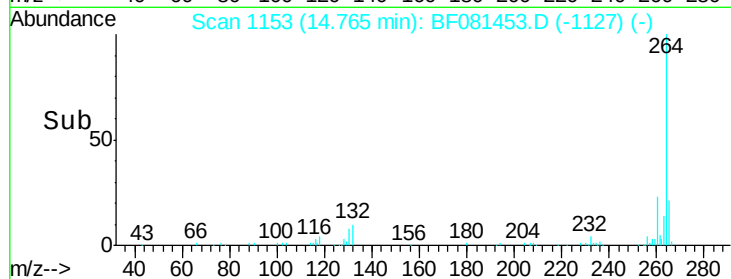
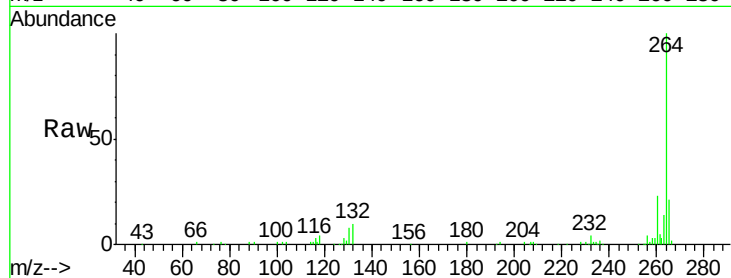
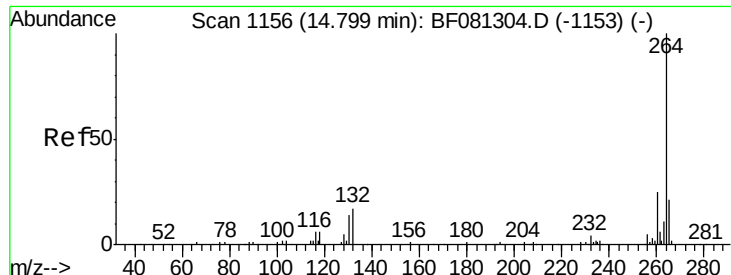


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF081453.D

Acq: 5 Sep 2015 8:40

Instrument :

BNA_F

ClientSampleId :

SB-1WS

Tot Ion:264 Resp: 102054

Ion Ratio Lower Upper

264 100

260 23.0 16.7 25.1

265 21.1 17.2 25.8

