

Data Path : Z:\HPCHEM1\BNA_F\Data\BF110715\
 Data File : BF082785.D
 Acq On : 7 Nov 2015 2:45
 Operator : UM/IZ
 Sample : G4257-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-1(0-2)

Quant Time: Nov 07 04:00:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

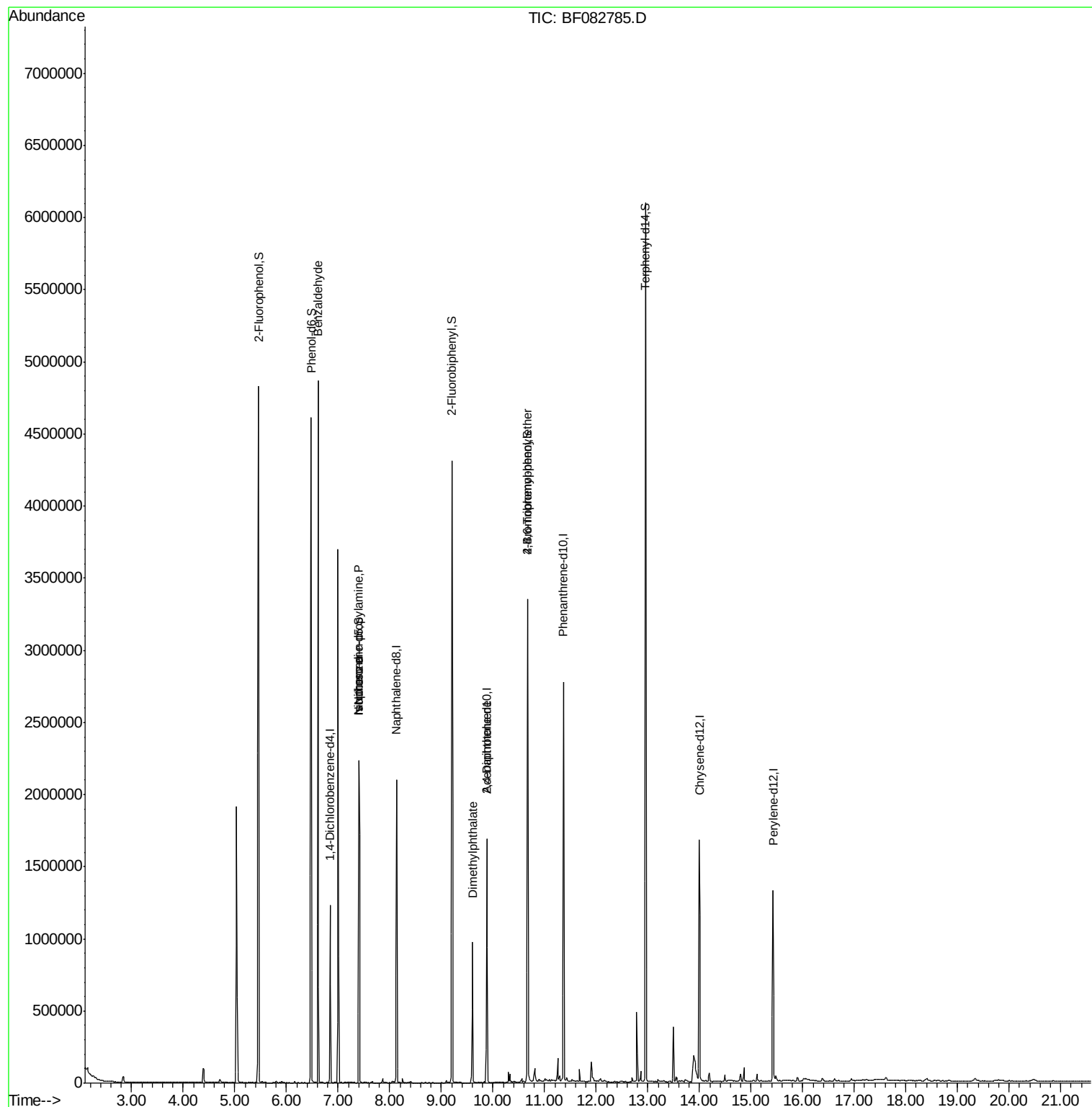
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	216593	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	972180	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	416166	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	945526	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	744578	20.00	ng	-0.02
86) Perylene-d12	15.43	264	644600	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1353087	97.20	ng	0.01
7) Phenol-d6	6.48	99	1677826	90.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	1098080	49.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	398117	83.43	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1678294	57.80	ng	-0.01
78) Terphenyl-d14	12.96	244	1802281	57.41	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	31056	3.04	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.40	70	143723	10.56	ng	# 69
25) Isophorone	7.40	82	979298	23.69	ng	# 69
49) Dimethylphthalate	9.61	163	491378	14.41	ng	# 98
56) 2,4-Dinitrotoluene	9.88	165	53664	5.44	ng	# 15
66) 4-Bromophenyl-phenylether	10.67	248	26740	2.35	ng	# 1

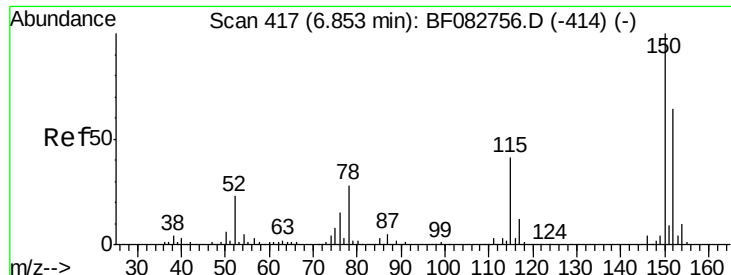
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

Instrument :

BNA_F

ClientSampleId :

WABUT-1(0-2)

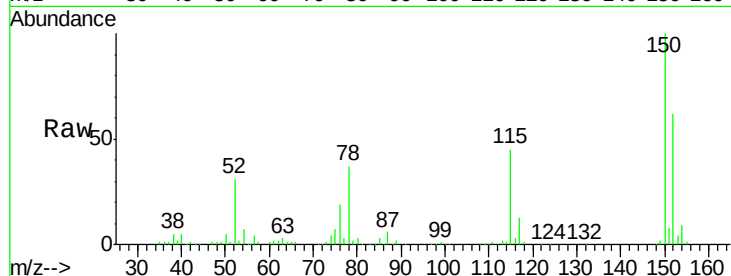
Tgt Ion:152 Resp: 216593

Ion Ratio Lower Upper

152 100

150 161.1 127.0 190.4

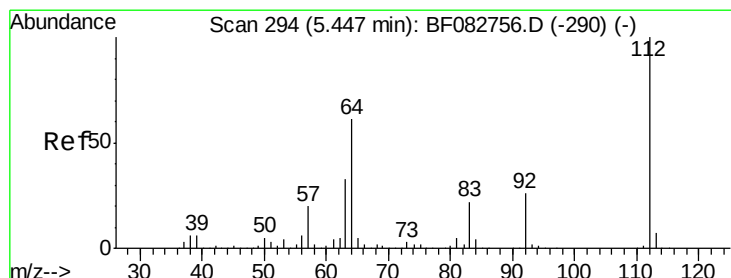
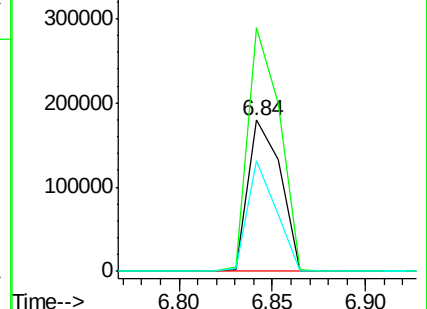
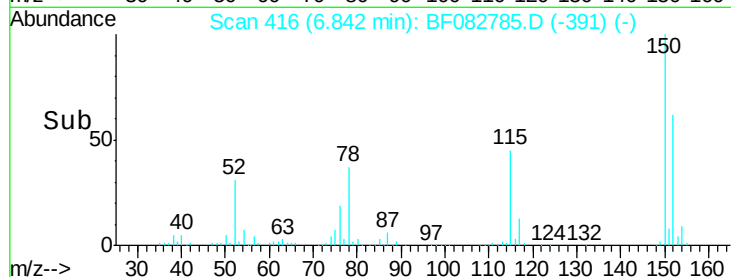
115 73.2 47.0 70.6#



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: 97.20 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

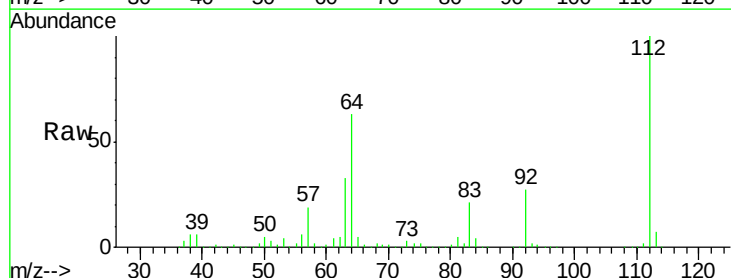
Tgt Ion:112 Resp: 1353087

Ion Ratio Lower Upper

112 100

64 63.0 48.9 73.3

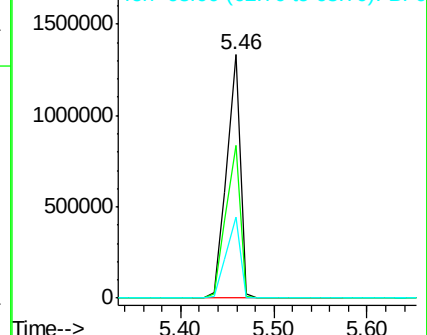
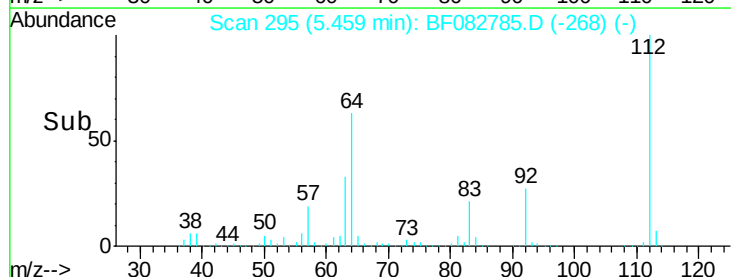
63 33.4 28.1 42.1

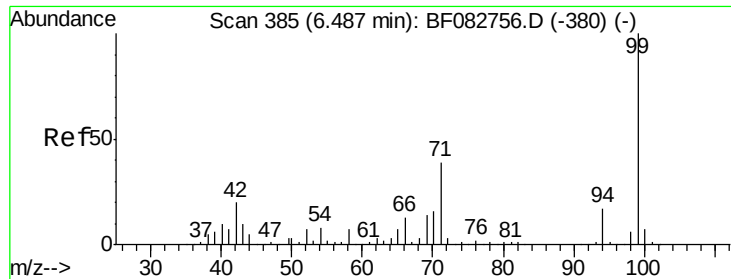


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.66 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

Instrument :

BNA_F

ClientSampleId :

WABUT-1(0-2)

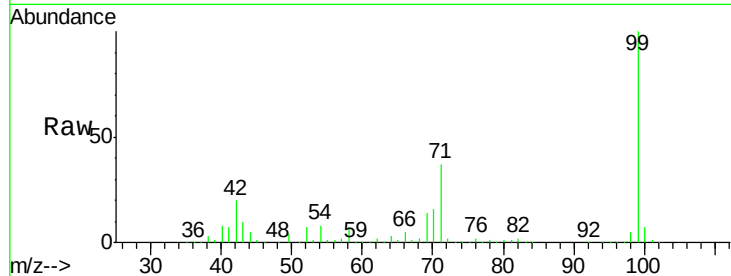
Tgt Ion: 99 Resp: 1677826

Ion Ratio Lower Upper

99 100

42 20.1 19.2 28.8

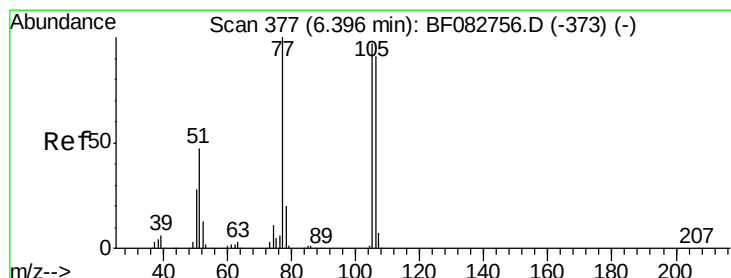
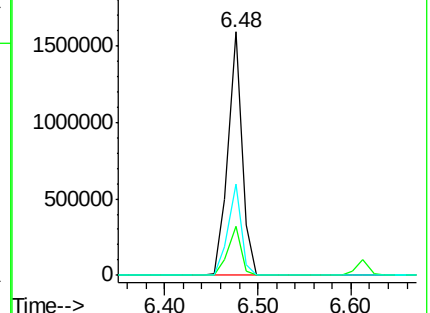
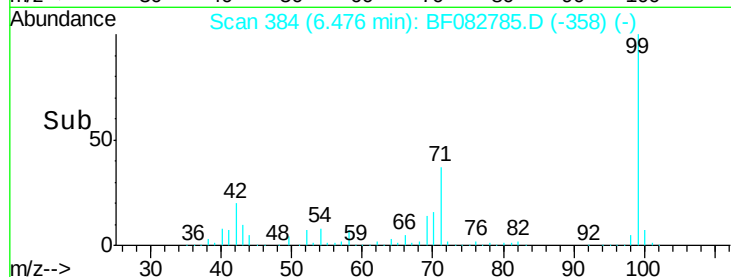
71 37.4 35.0 52.4



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: 3.04 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

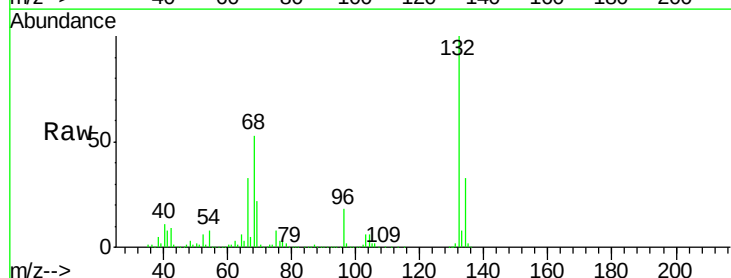
Tgt Ion: 77 Resp: 31056

Ion Ratio Lower Upper

77 100

105 75.2 63.5 103.5

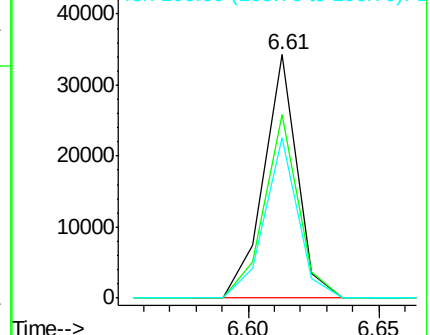
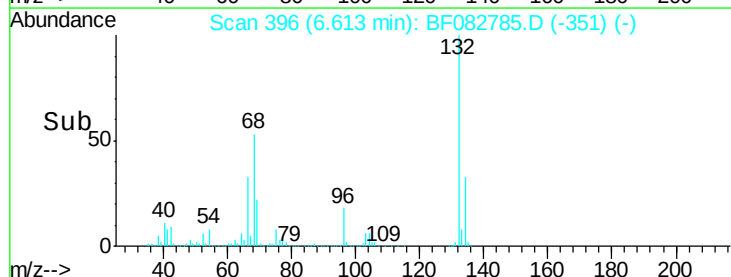
106 65.9 59.3 99.3

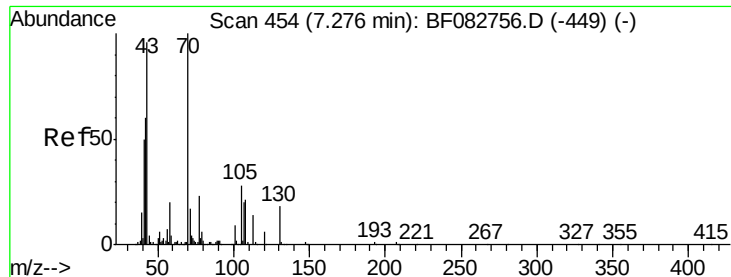


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

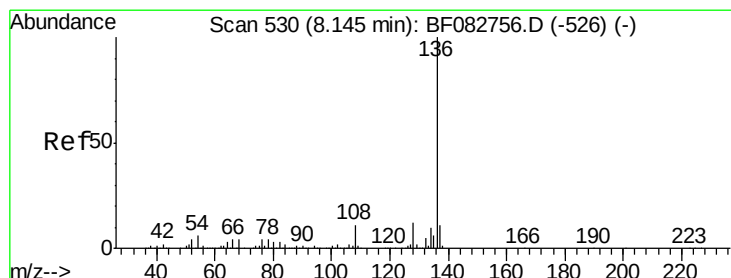
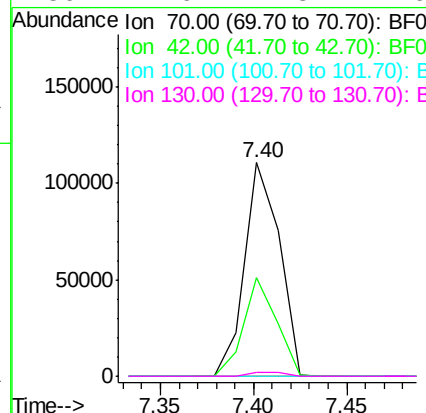
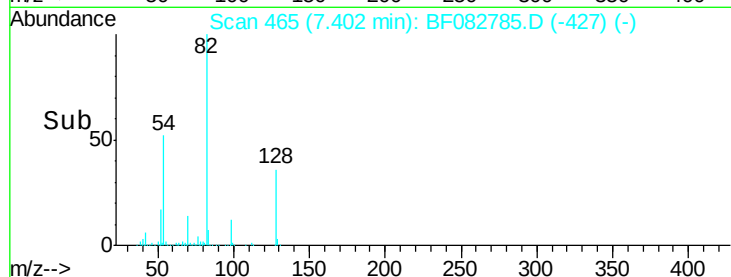
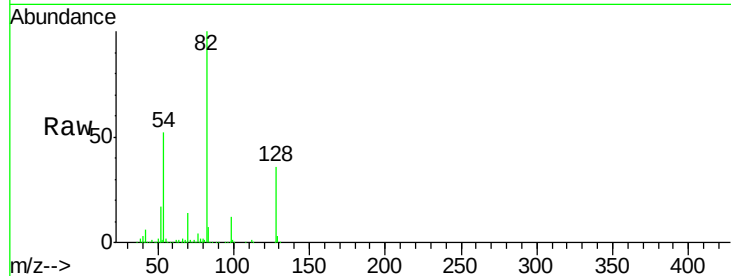




#19
n-Nitroso-di-n-propylamine
Concen: 10.56 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.14 min
Lab File: BF082785.D
Acq: 7 Nov 2015 2:45

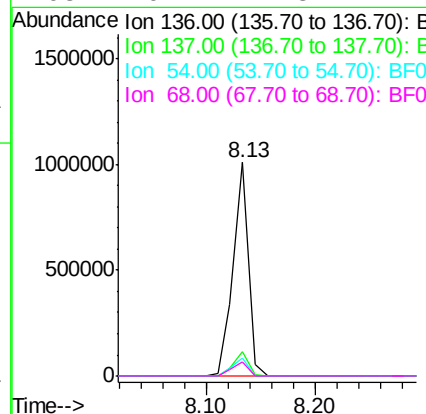
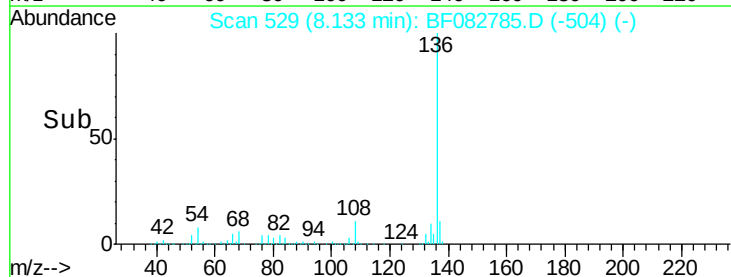
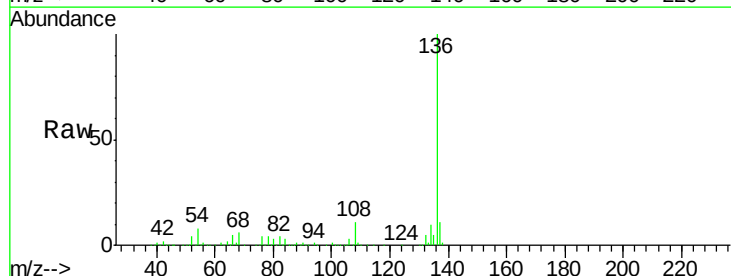
Instrument :
BNA_F
ClientSampleId :
WABUT-1(0-2)

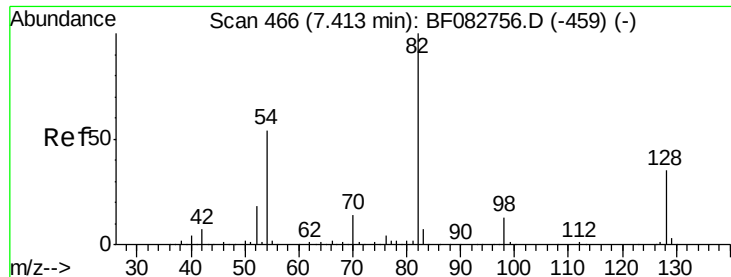
Tgt Ion: 70 Resp: 143723
Ion Ratio Lower Upper
70 100
42 46.1 57.7 86.5#
101 0.0 7.0 10.6#
130 1.6 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082785.D
Acq: 7 Nov 2015 2:45

Tgt Ion: 136 Resp: 972180
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.4 9.1 13.7#
68 6.4 4.8 7.2

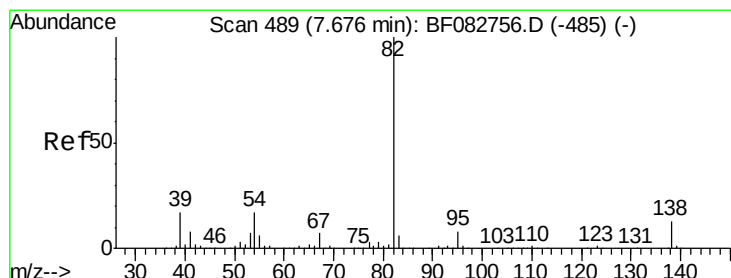
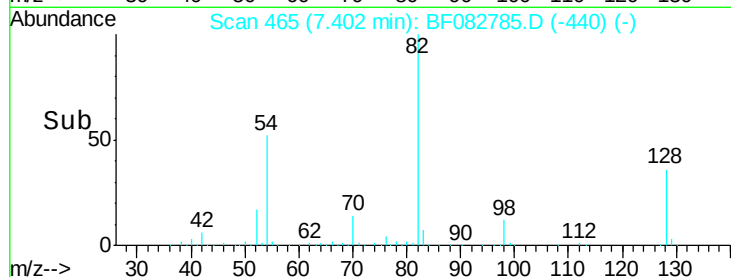
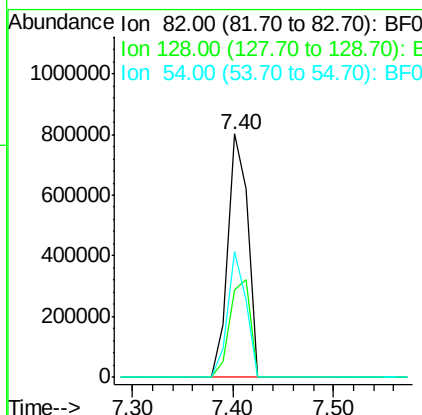
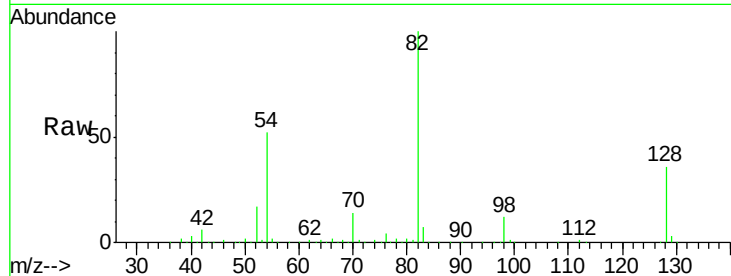




#23
 Nitrobenzene-d5
 Concen: 49.15 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082785.D
 Acq: 7 Nov 2015 2:45

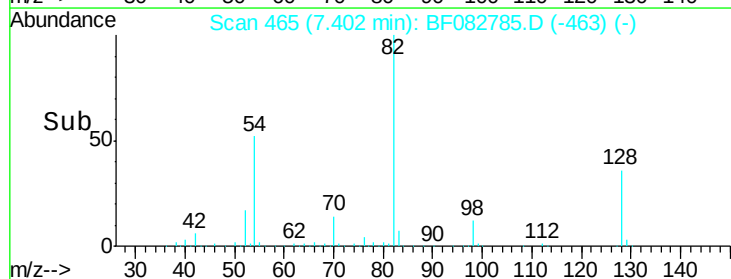
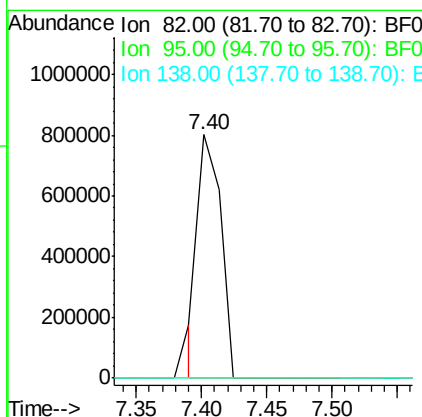
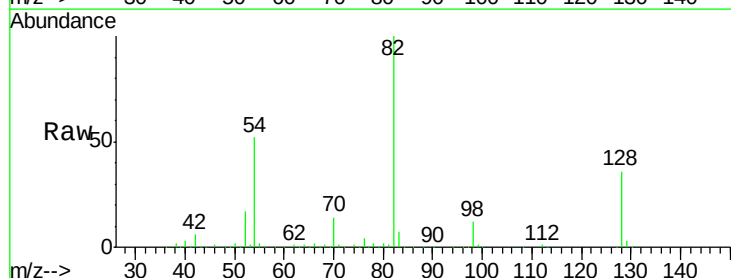
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-1(0-2)

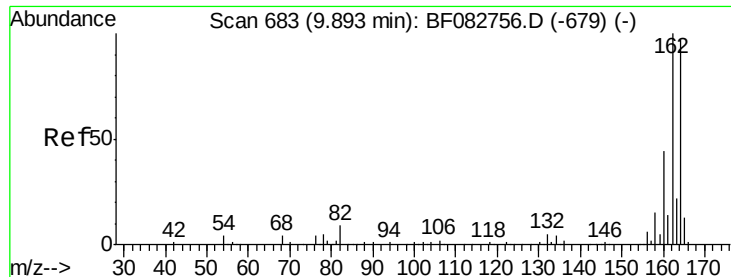
Tgt Ion: 82 Resp: 1098080
 Ion Ratio Lower Upper
 82 100
 128 35.8 26.8 40.2
 54 52.0 45.7 68.5



#25
 Isophorone
 Concen: 23.69 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.27 min
 Lab File: BF082785.D
 Acq: 7 Nov 2015 2:45

Tgt Ion: 82 Resp: 979298
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

Instrument :

BNA_F

ClientSampleId :

WABUT-1(0-2)

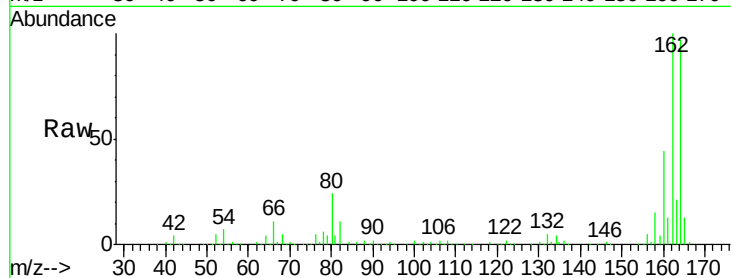
Tgt Ion:164 Resp: 416166

Ion Ratio Lower Upper

164 100

162 103.3 84.9 127.3

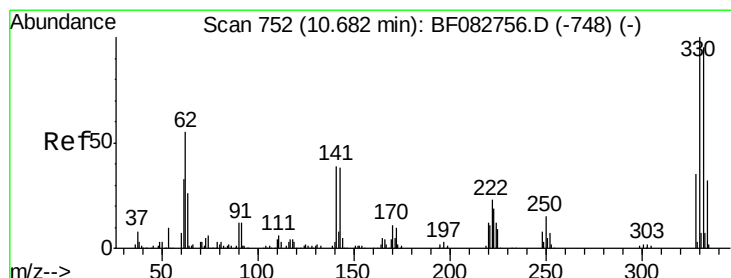
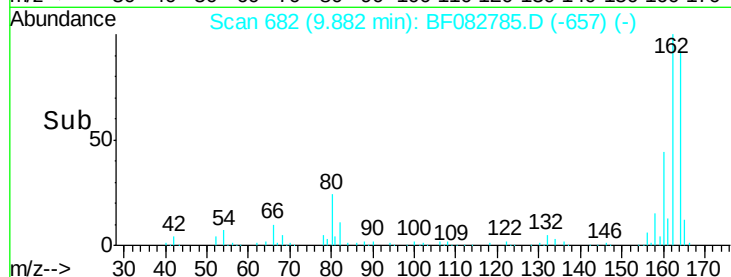
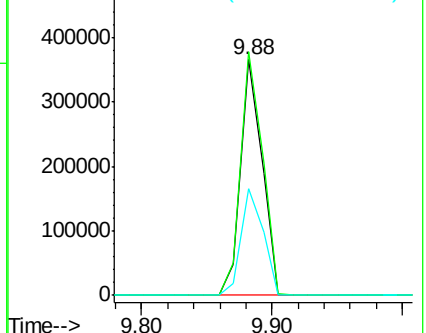
160 45.3 37.5 56.3



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: 83.43 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

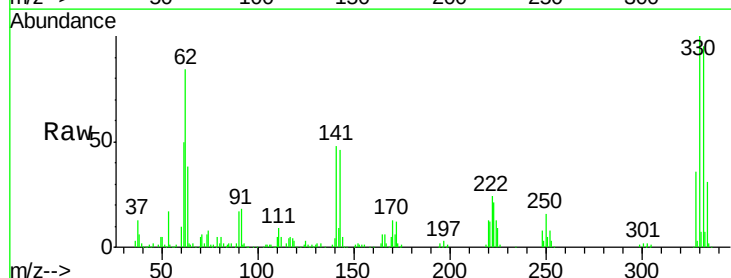
Tgt Ion:330 Resp: 398117

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

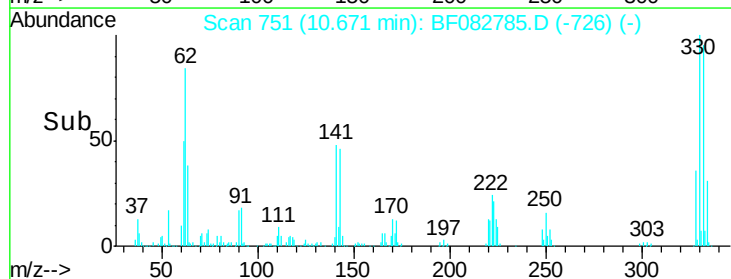
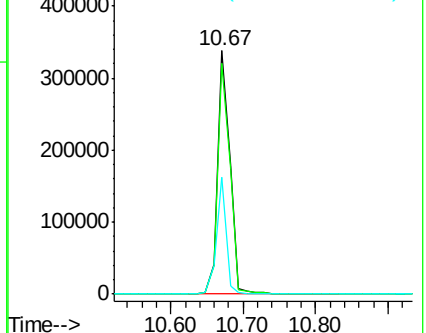
141 38.4 41.2 61.8#

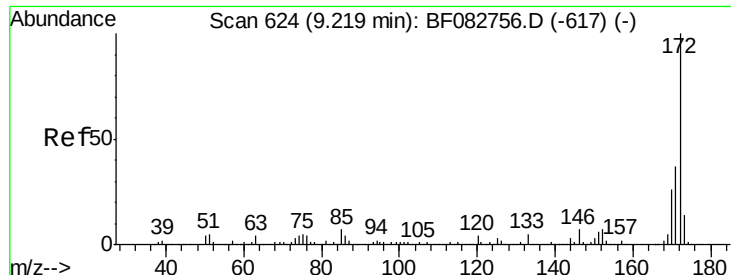


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

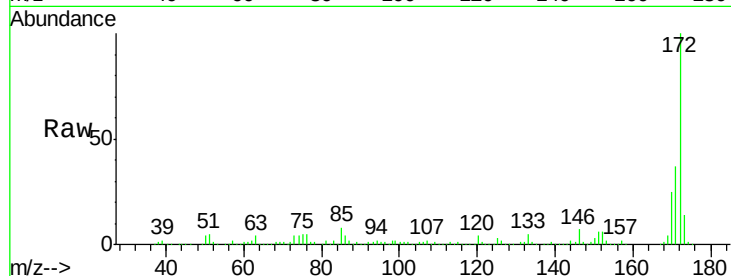




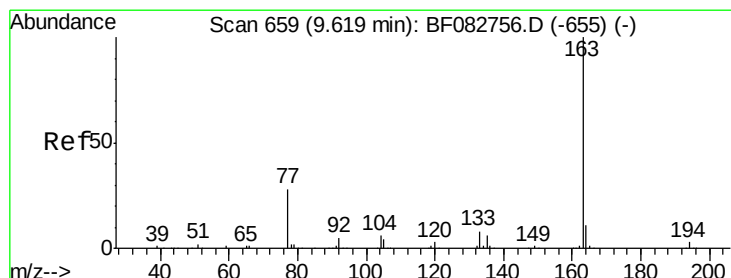
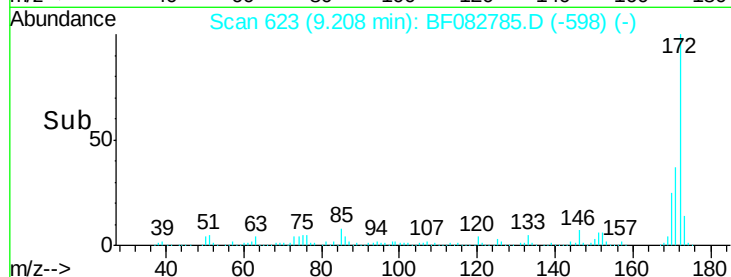
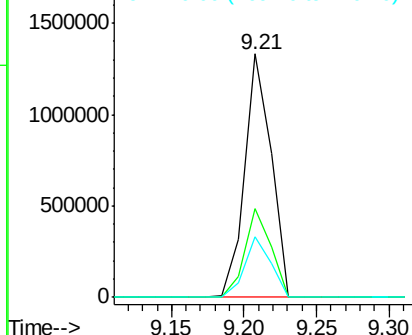
#44
2-Fluorobiphenyl
Concen: 57.80 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF082785.D
Acq: 7 Nov 2015 2:45

Instrument :
BNA_F
ClientSampleId :
WABUT-1(0-2)

Tgt Ion:172 Resp: 1678294
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 25.1 21.2 31.8

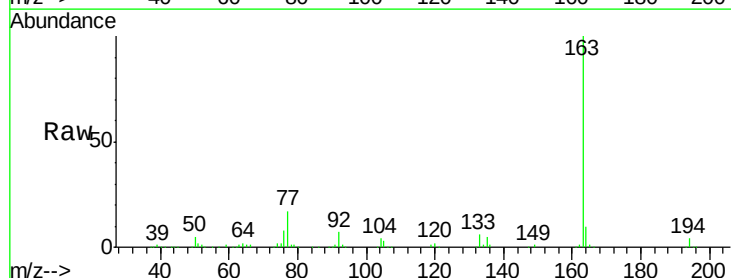


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

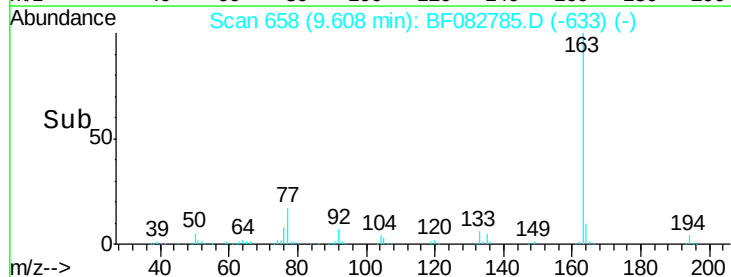
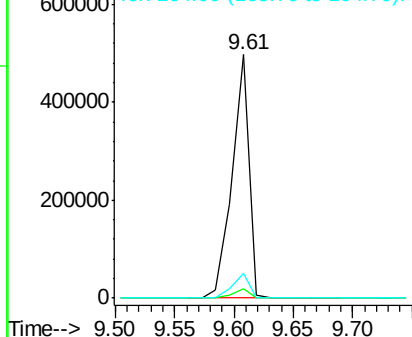


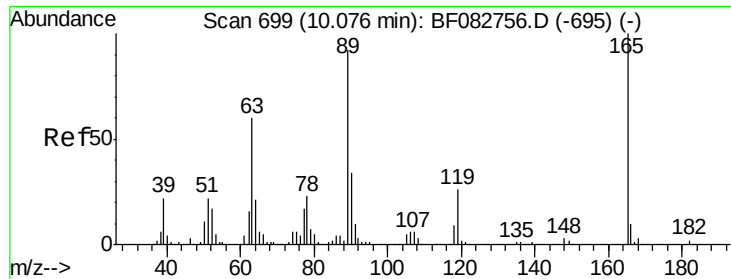
#49
Dimethylphthalate
Concen: 14.41 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082785.D
Acq: 7 Nov 2015 2:45

Tgt Ion:163 Resp: 491378
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.1 8.7 13.1



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





#56

2,4-Dinitrotoluene

Concen: 5.44 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

Instrument :

BNA_F

ClientSampleId :

WABUT-1(0-2)

Tgt Ion:165 Resp: 53664

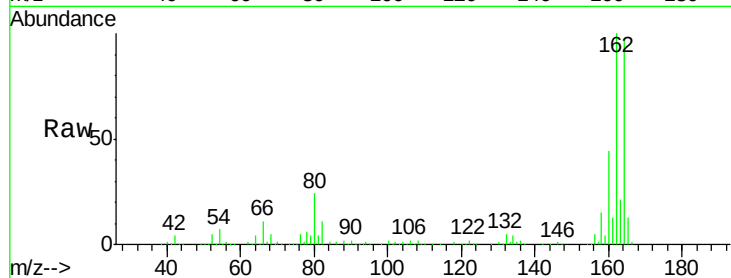
Ion Ratio Lower Upper

165 100

63 1.0 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

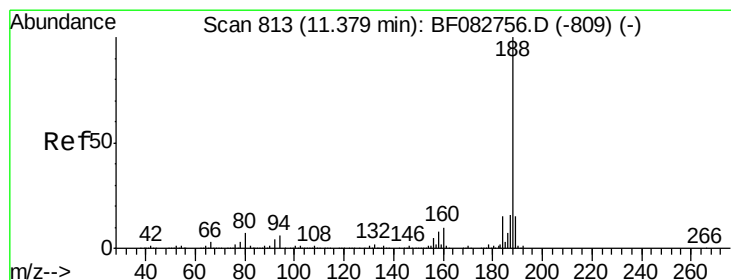
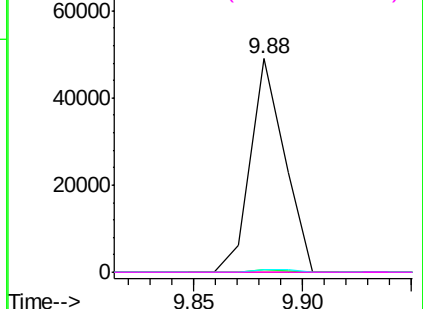
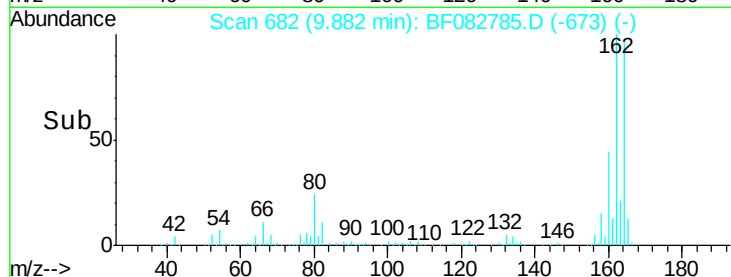


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

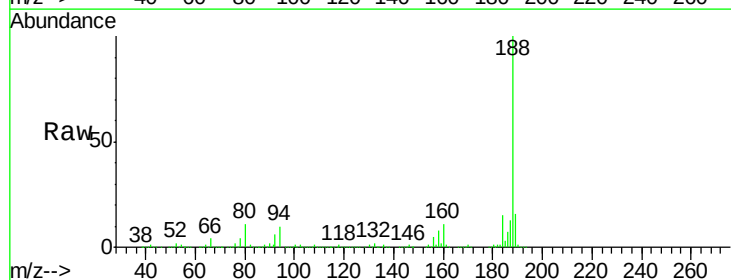
Tgt Ion:188 Resp: 945526

Ion Ratio Lower Upper

188 100

94 10.1 6.1 9.1#

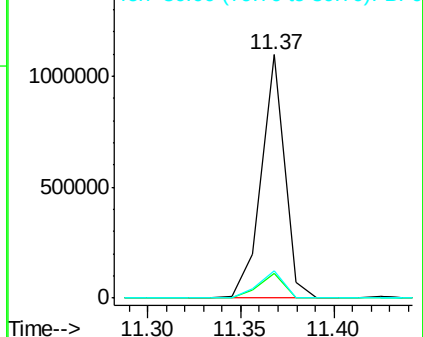
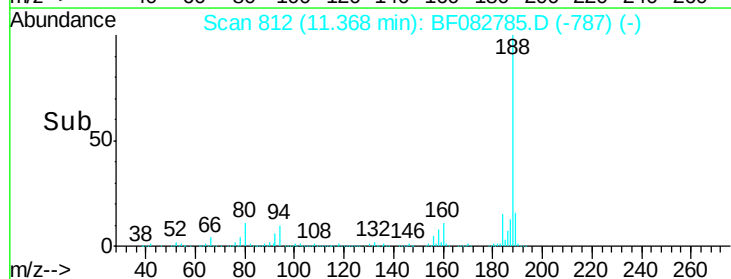
80 11.3 7.0 10.6#

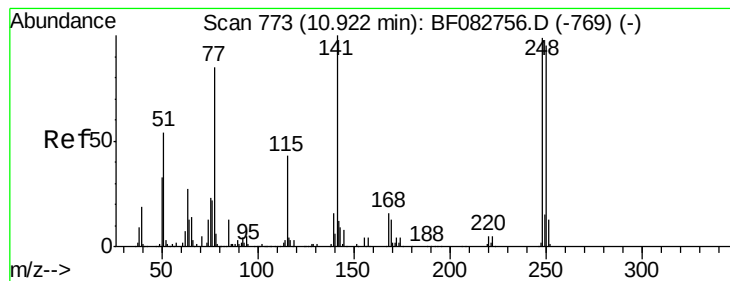


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.35 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

Instrument :

BNA_F

ClientSampleId :

WABUT-1(0-2)

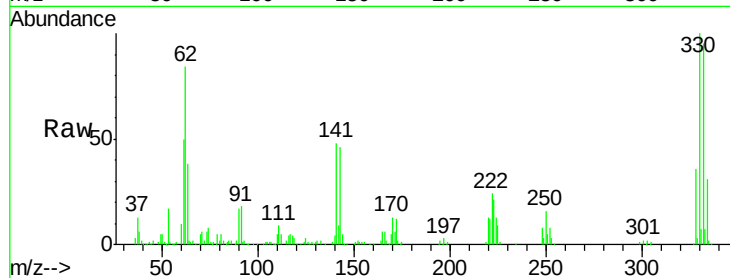
Tgt Ion:248 Resp: 26740

Ion Ratio Lower Upper

248 100

250 195.1 79.4 119.2#

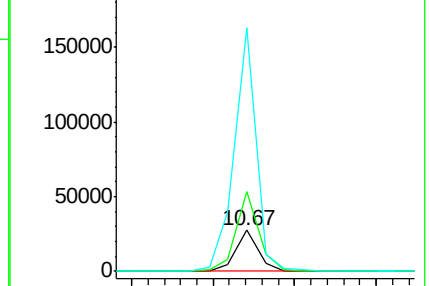
141 592.8 36.3 54.5#



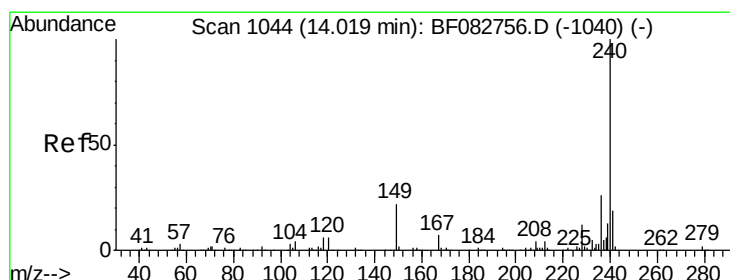
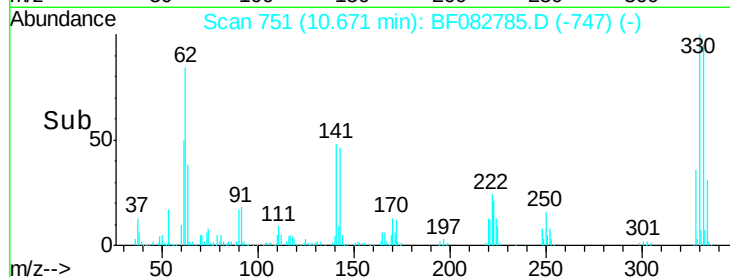
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 10.60 10.65 10.70 10.75



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

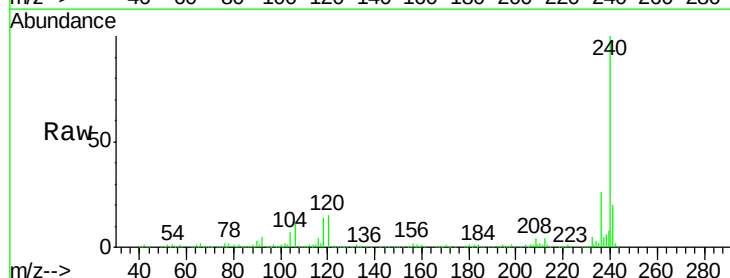
Tgt Ion:240 Resp: 744578

Ion Ratio Lower Upper

240 100

120 15.2 10.9 16.3

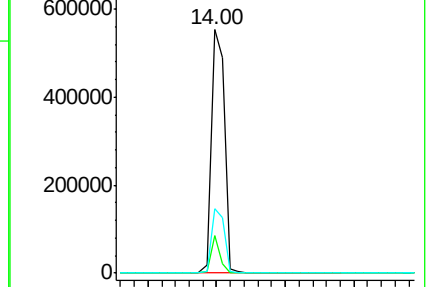
236 26.5 21.6 32.4



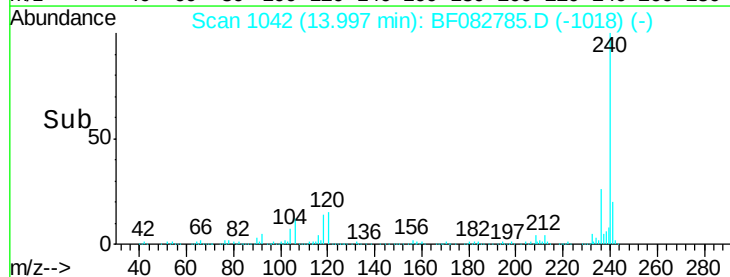
Abundance Ion 240.00 (239.70 to 240.70): E

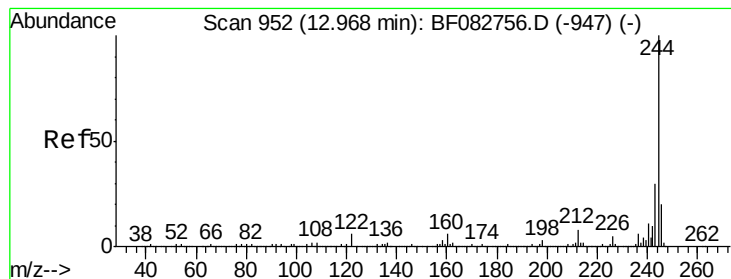
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10 14.20





#78

Terphenyl-d14

Concen: 57.41 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

Instrument :

BNA_F

ClientSampleId :

WABUT-1(0-2)

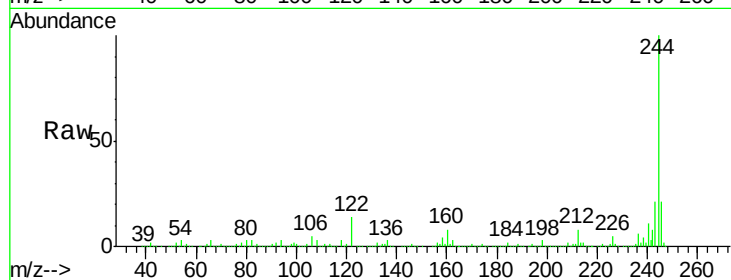
Tgt Ion:244 Resp: 1802281

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

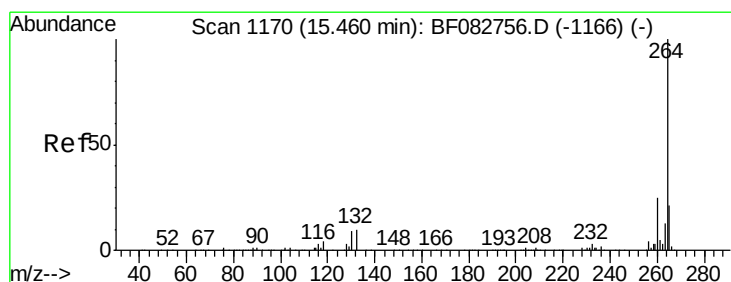
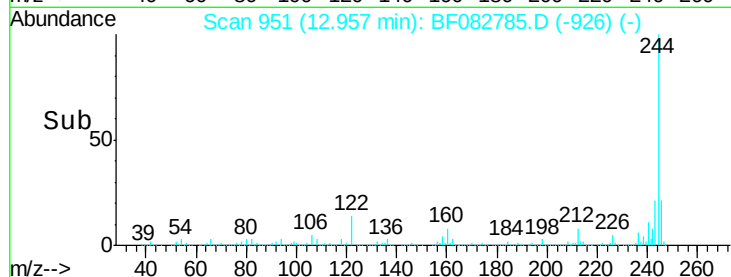
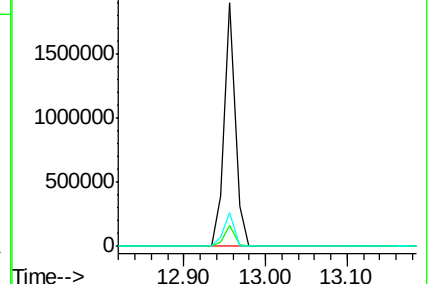
122 13.6 11.3 16.9



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: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082785.D

Acq: 7 Nov 2015 2:45

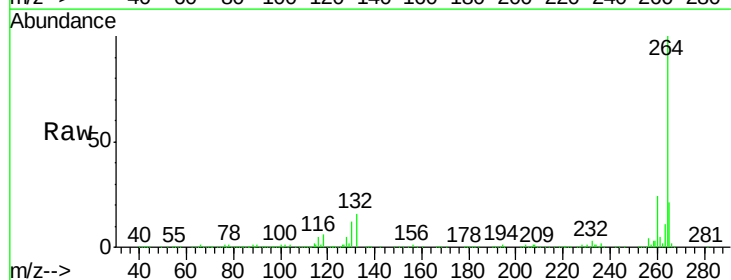
Tgt Ion:264 Resp: 644600

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

