

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082805.D
 Acq On : 7 Nov 2015 12:33
 Operator : UM/IZ
 Sample : G4257-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-10(0-2)

Quant Time: Nov 09 00:00:34 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

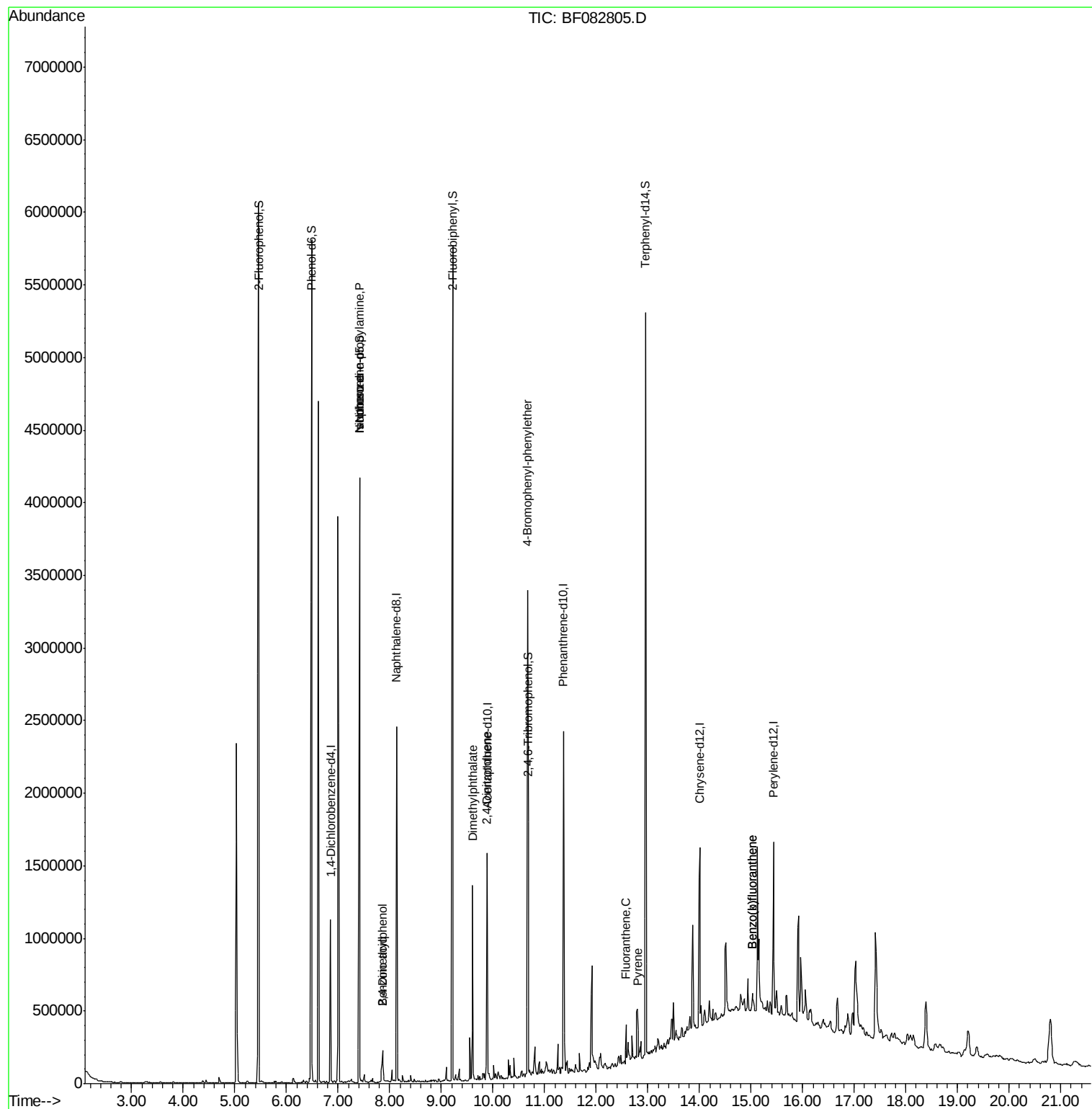
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253552	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	958705	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	449723	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	773805	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	556753	20.00	ng	-0.01
86) Perylene-d12	15.44	264	554213	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1672551	102.64	ng	0.01
7) Phenol-d6	6.49	99	2283451	105.40	ng	0.01
23) Nitrobenzene-d5	7.41	82	1573405	71.41	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	495763	96.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2273487	72.45	ng	0.00
78) Terphenyl-d14	12.96	244	1475742	62.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	218477	13.72	ng	# 66
25) Isophorone	7.41	82	1517445	37.22	ng	# 70
27) 2,4-Dimethylphenol	7.86	122	70396	4.17	ng	# 1
32) Benzoic acid	7.86	122	70396	6.08	ng	89
49) Dimethylphthalate	9.61	163	523052	14.20	ng	98
56) 2,4-Dinitrotoluene	9.88	165	57720	5.41	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	31346	3.36	ng	# 1
74) Fluoranthene	12.58	202	113643	2.36	ng	96
77) Pyrene	12.81	202	99602	2.61	ng	97
87) Benzo(b)fluoranthene	15.03	252	90378	2.54	ng	# 91
88) Benzo(k)fluoranthene	15.03	252	90378	2.86	ng	# 92

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

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WABUT-10(0-2)

Quant Time: Nov 09 00:00:34 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

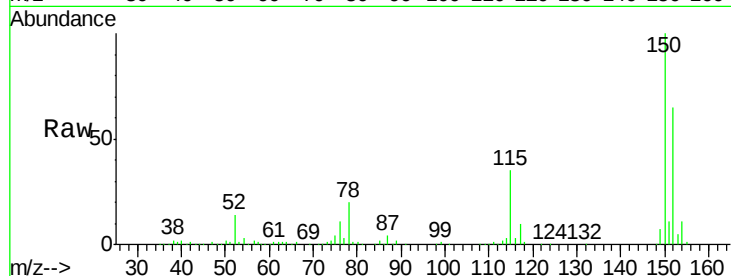
Tgt Ion:152 Resp: 253552

Ion Ratio Lower Upper

152 100

150 153.9 127.0 190.4

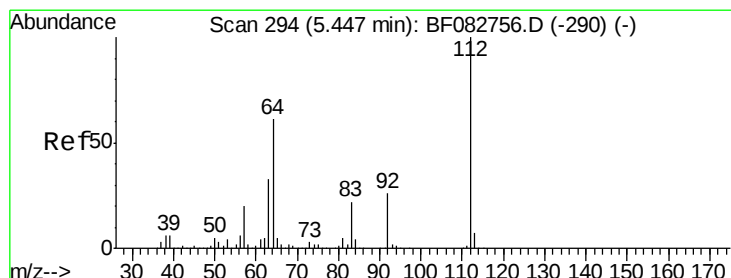
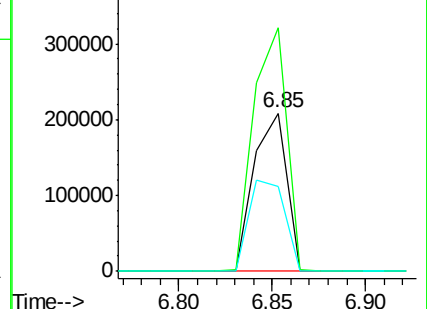
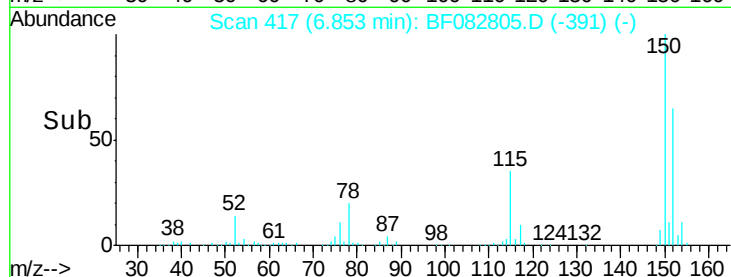
115 54.0 47.0 70.6



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: 102.64 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

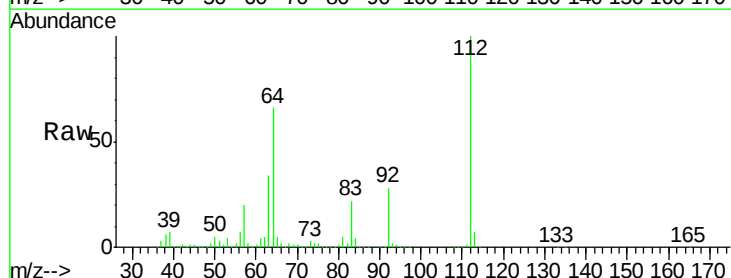
Tgt Ion:112 Resp: 1672551

Ion Ratio Lower Upper

112 100

64 66.2 48.9 73.3

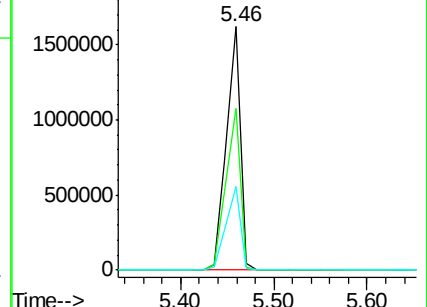
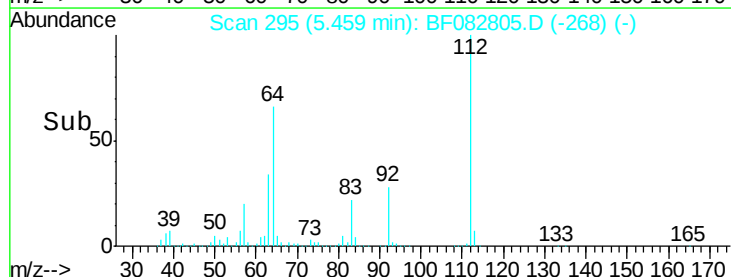
63 34.4 28.1 42.1



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: 105.40 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

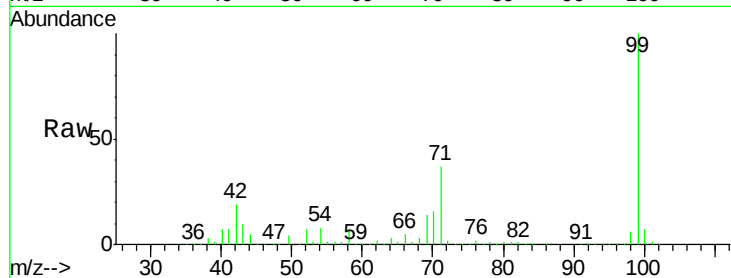
Tgt Ion: 99 Resp: 2283451

Ion Ratio Lower Upper

99 100

42 19.1 19.2 28.8#

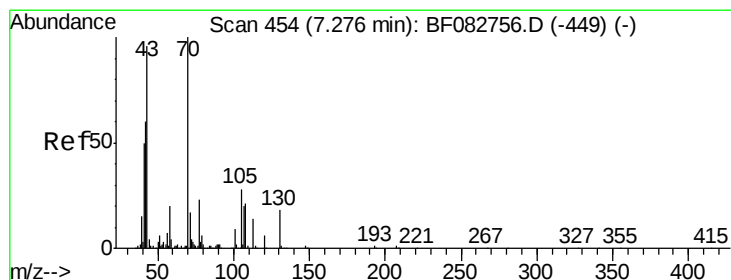
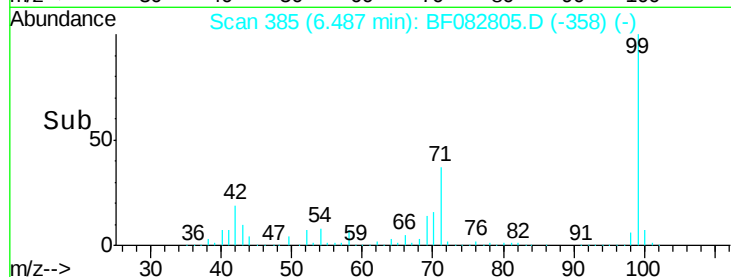
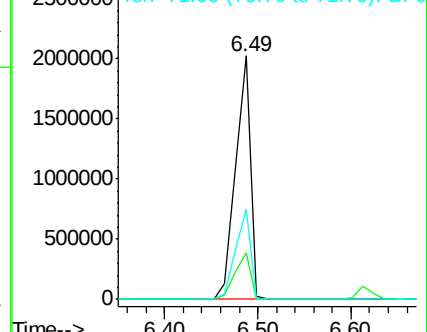
71 36.7 35.0 52.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.72 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.15 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

Tgt Ion: 70 Resp: 218477

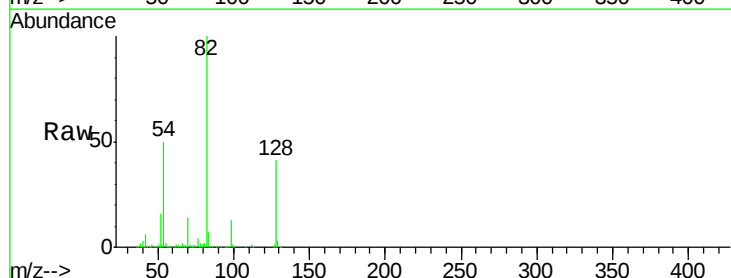
Ion Ratio Lower Upper

70 100

42 42.3 57.7 86.5#

101 0.0 7.0 10.6#

130 2.0 11.8 17.6#

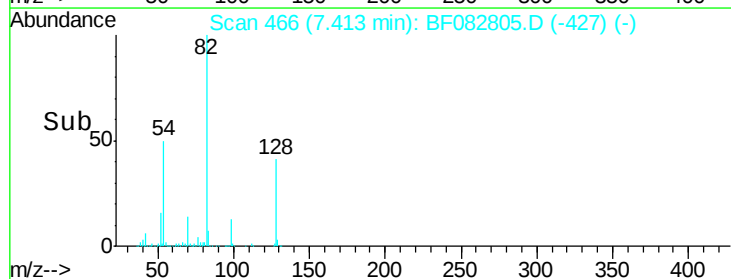
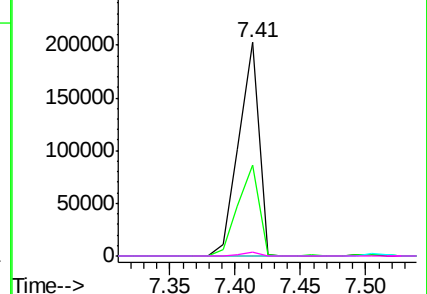


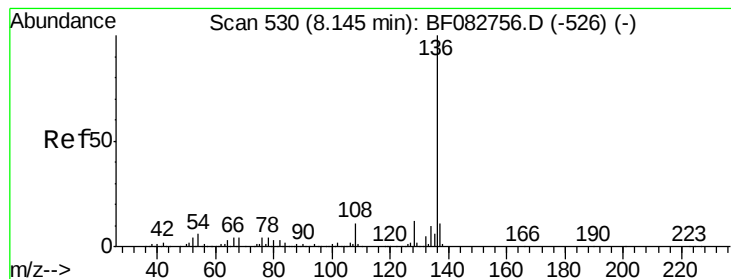
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

Tgt Ion:136 Resp: 958705

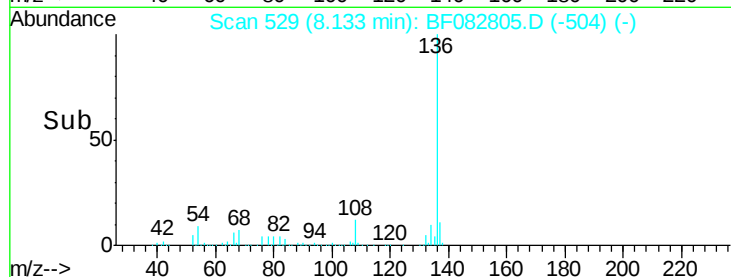
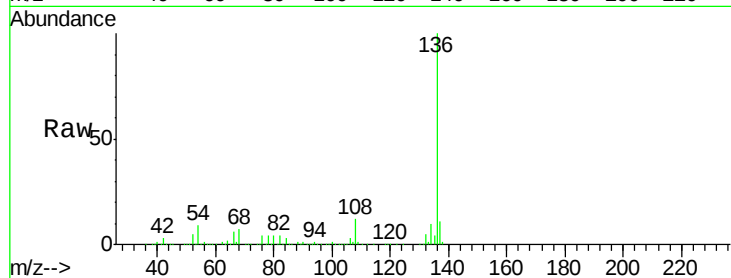
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.3 9.1 13.7

68 7.3 4.8 7.2#

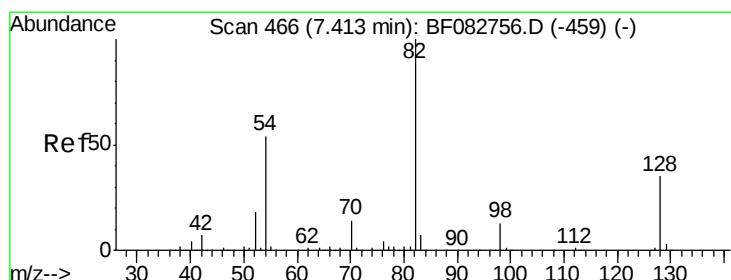
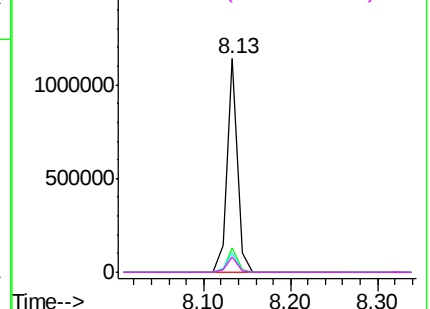


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.41 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

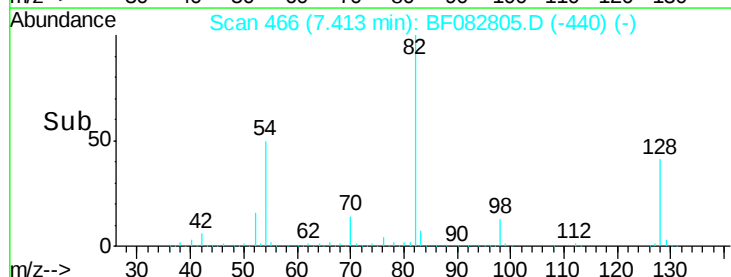
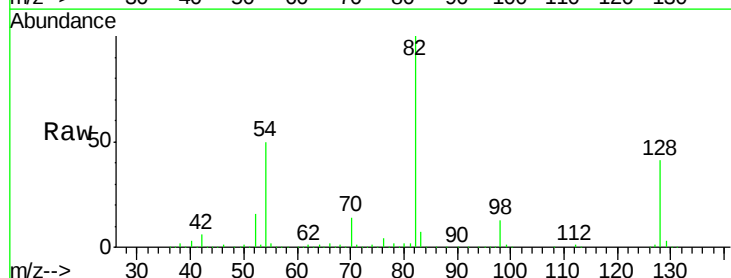
Tgt Ion: 82 Resp: 1573405

Ion Ratio Lower Upper

82 100

128 41.2 26.8 40.2#

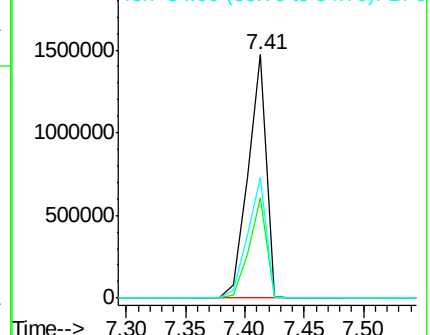
54 49.6 45.7 68.5

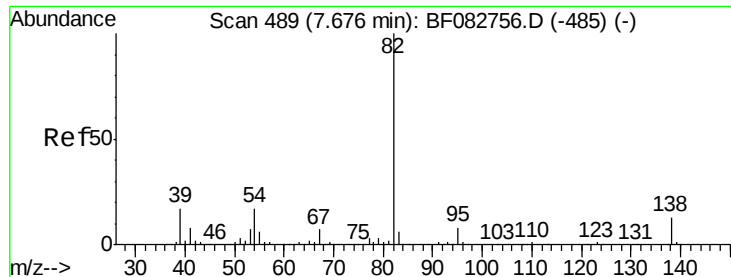


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.22 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

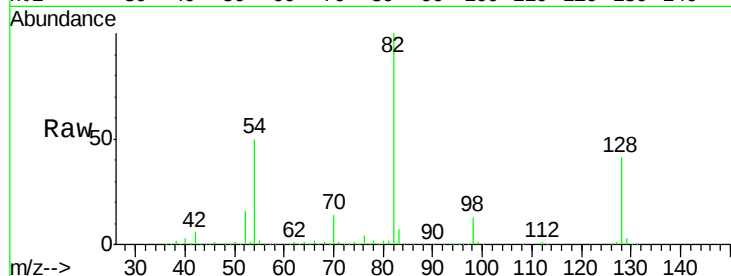
Tgt Ion: 82 Resp: 1517445

Ion Ratio Lower Upper

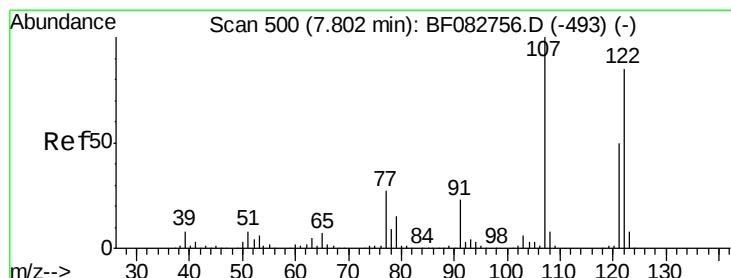
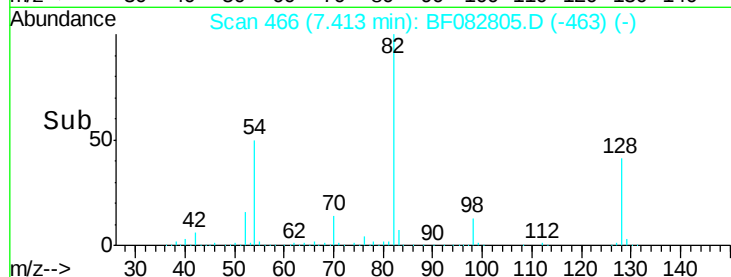
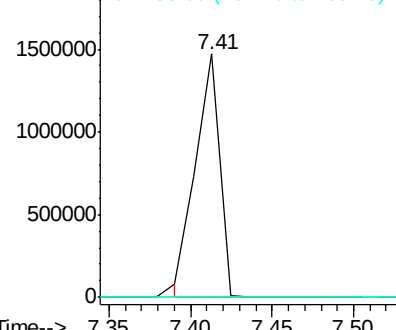
82 100

95 0.0 6.6 9.8#

138 0.0 11.4 17.0#



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



#27

2,4-Dimethylphenol

Concen: 4.17 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.07 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

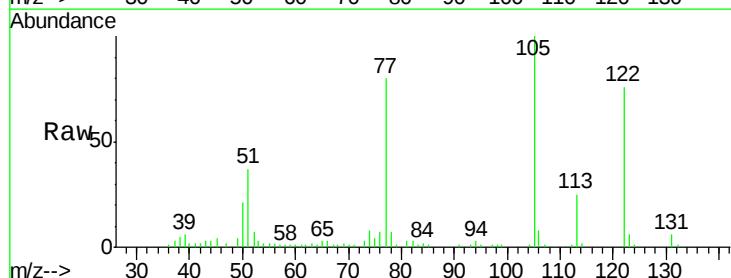
Tgt Ion: 122 Resp: 70396

Ion Ratio Lower Upper

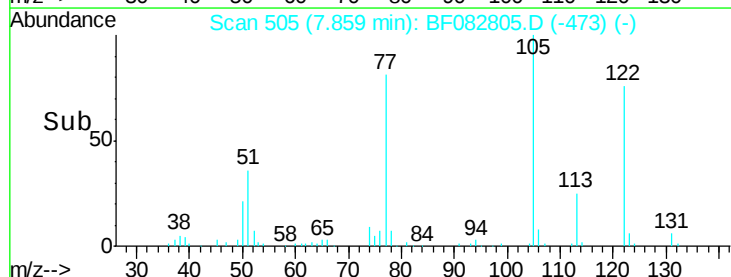
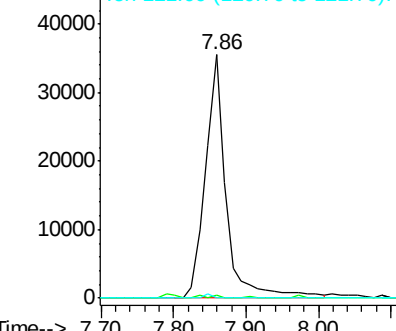
122 100

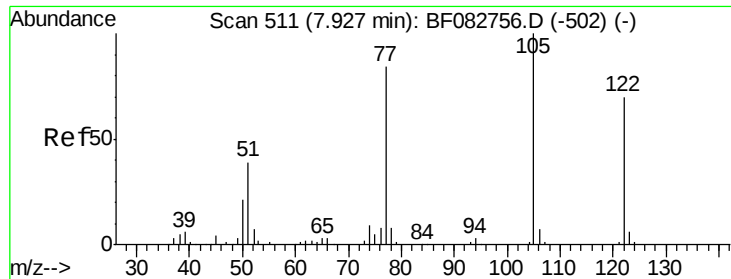
107 1.4 106.0 159.0#

121 0.0 46.7 70.1#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

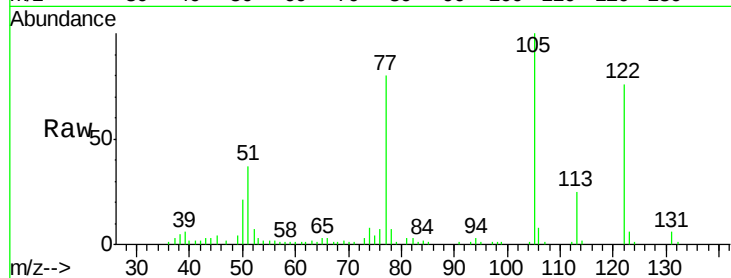




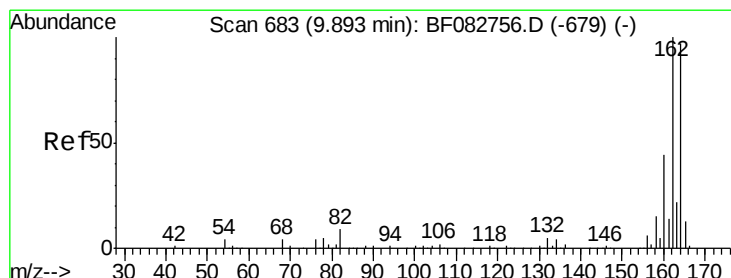
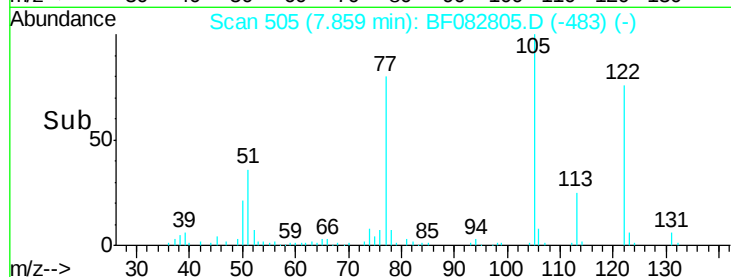
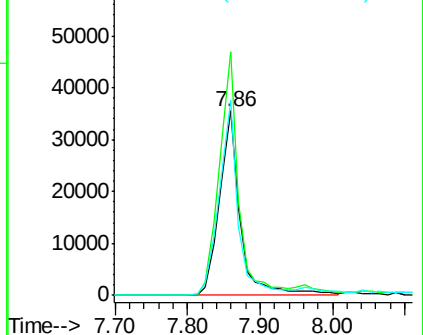
#32
Benzoic acid
Concen: 6.08 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF082805.D
Acq: 7 Nov 2015 12:33

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

Tgt Ion:122 Resp: 70396
Ion Ratio Lower Upper
122 100
105 132.0 122.6 162.6
77 106.1 100.9 140.9

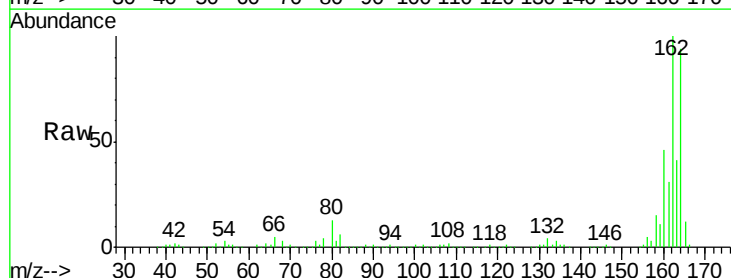


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

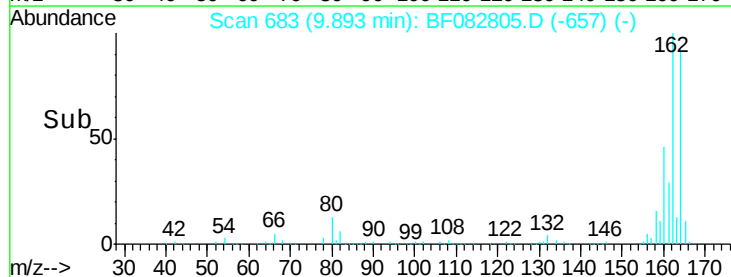
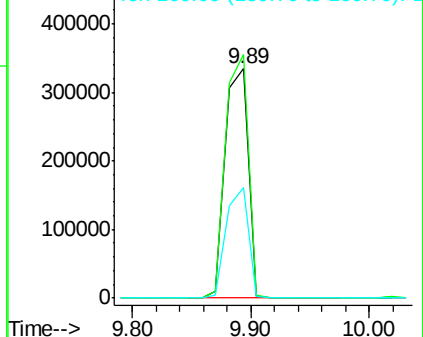


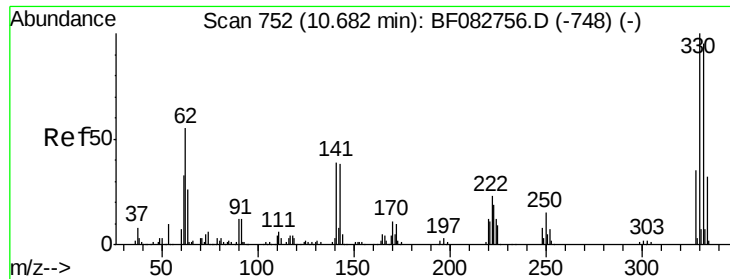
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082805.D
Acq: 7 Nov 2015 12:33

Tgt Ion:164 Resp: 449723
Ion Ratio Lower Upper
164 100
162 106.2 84.9 127.3
160 48.3 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

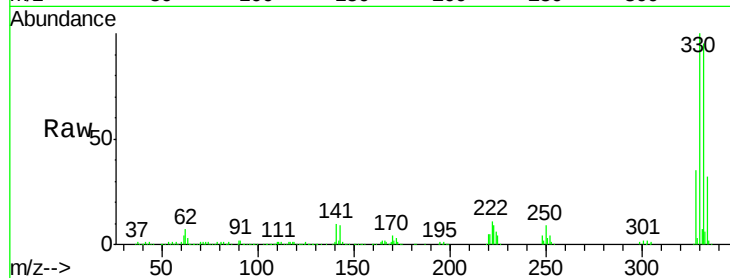




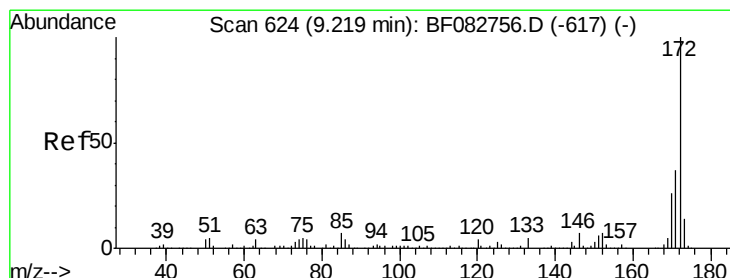
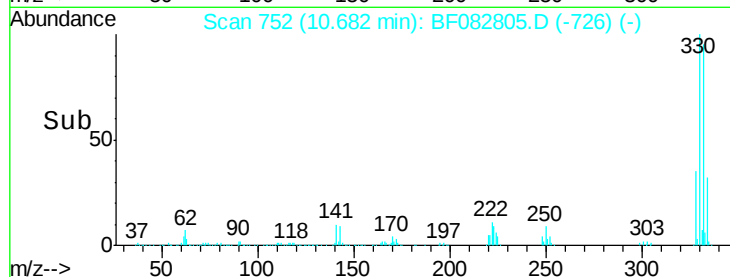
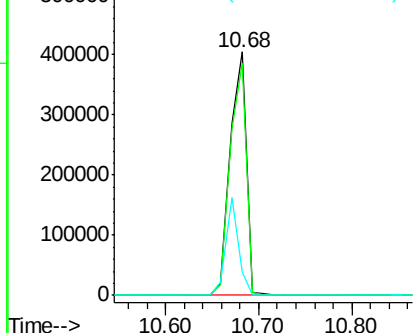
#41
 2,4,6-Tribromophenol
 Concen: 96.14 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082805.D
 Acq: 7 Nov 2015 12:33

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-10(0-2)

Tgt Ion:330 Resp: 495763
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 31.8 41.2 61.8#

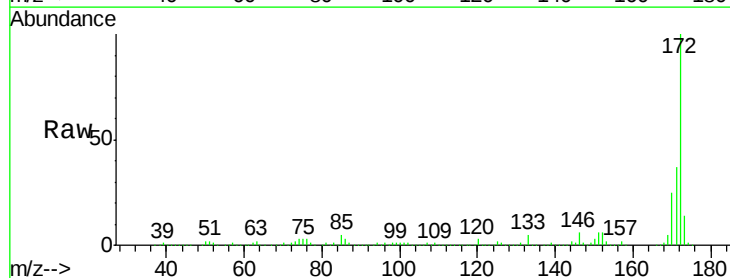


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

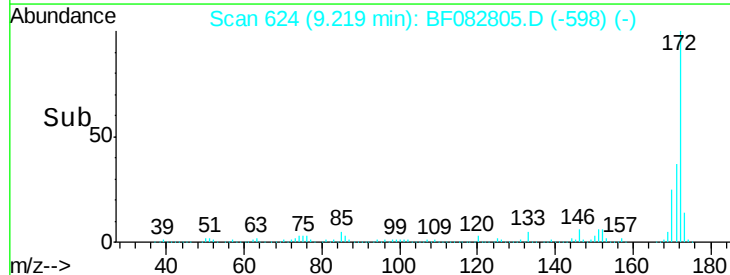
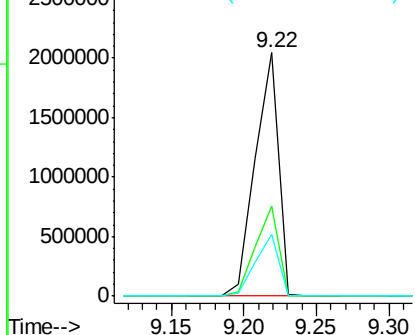


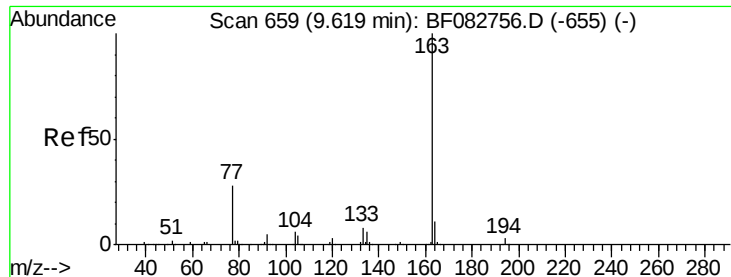
#44
 2-Fluorobiphenyl
 Concen: 72.45 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082805.D
 Acq: 7 Nov 2015 12:33

Tgt Ion:172 Resp: 2273487
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.3 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

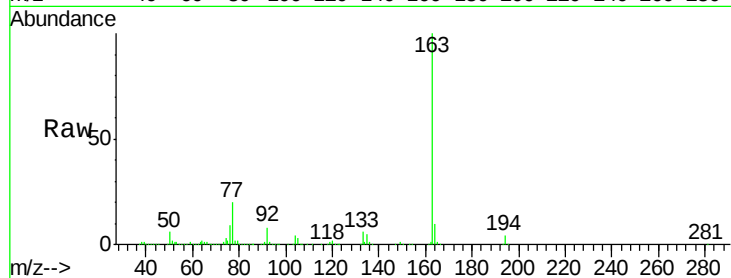




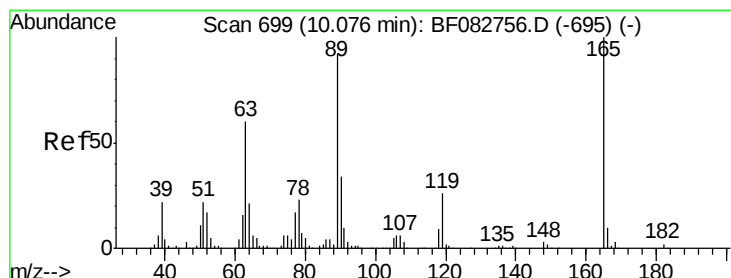
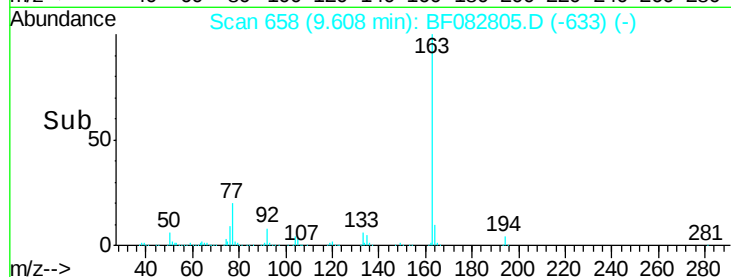
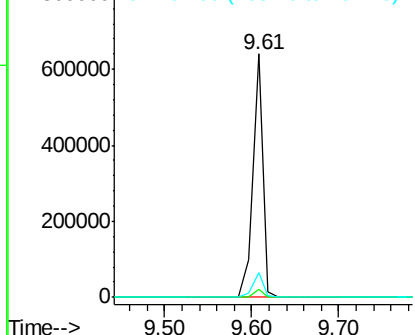
#49
Dimethylphthalate
Concen: 14.20 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082805.D
Acq: 7 Nov 2015 12:33

Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

Tgt Ion:163 Resp: 523052
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.2 8.7 13.1

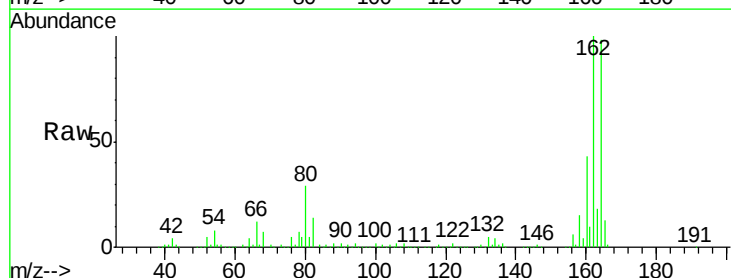


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

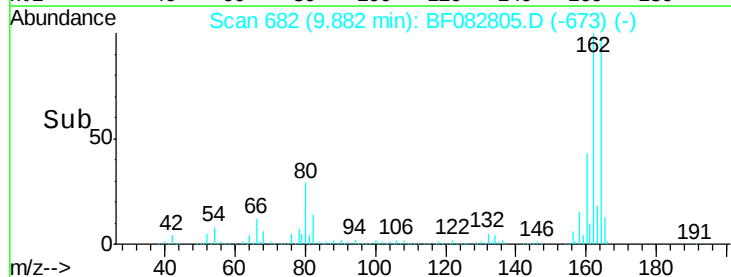
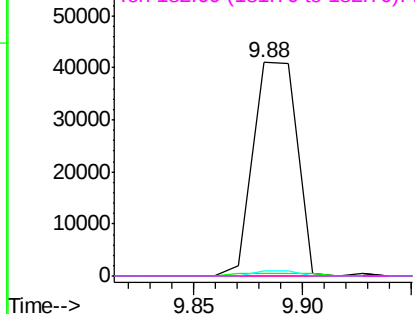


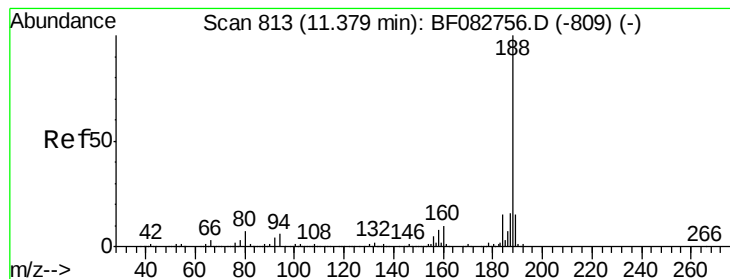
#56
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082805.D
Acq: 7 Nov 2015 12:33

Tgt Ion:165 Resp: 57720
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 2.2 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: BF082805.D

Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

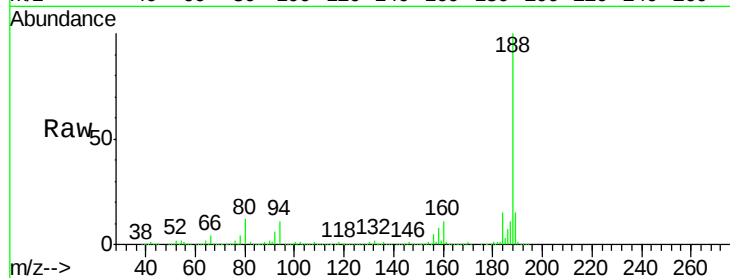
Tgt Ion:188 Resp: 773805

Ion Ratio Lower Upper

188 100

94 10.8 6.1 9.1#

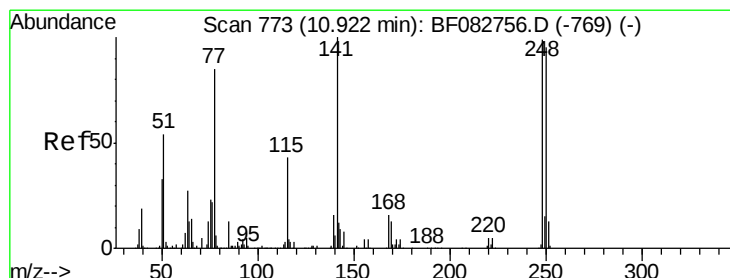
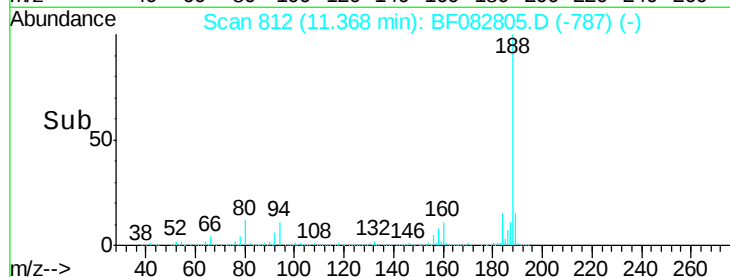
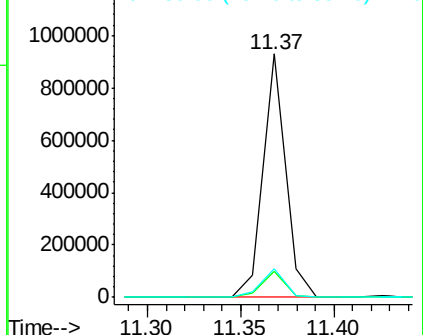
80 11.9 7.0 10.6#



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: 3.36 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

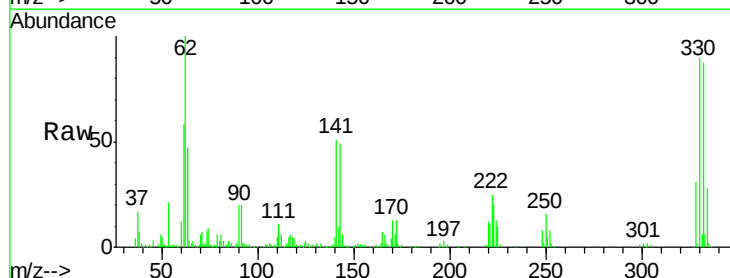
Tgt Ion:248 Resp: 31346

Ion Ratio Lower Upper

248 100

250 196.9 79.4 119.2#

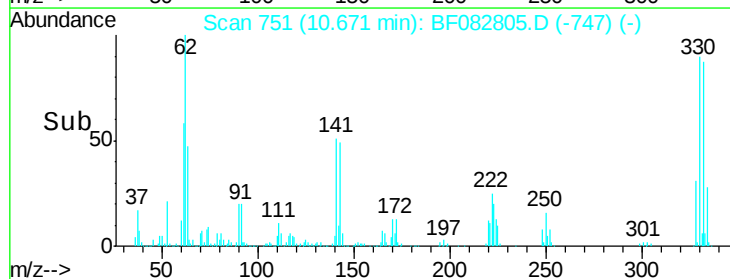
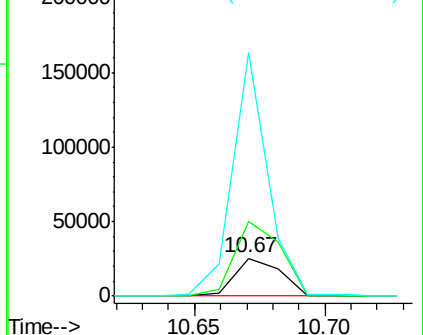
141 644.6 36.3 54.5#

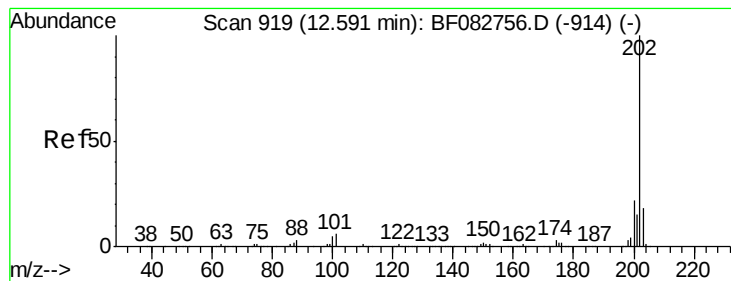


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.36 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

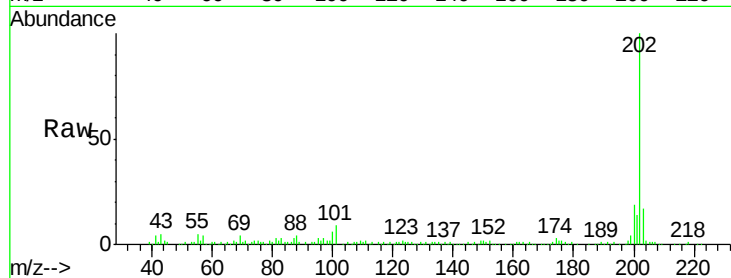
Tgt Ion:202 Resp: 113643

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.5

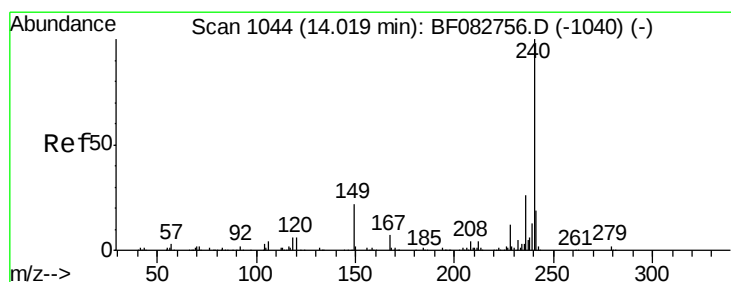
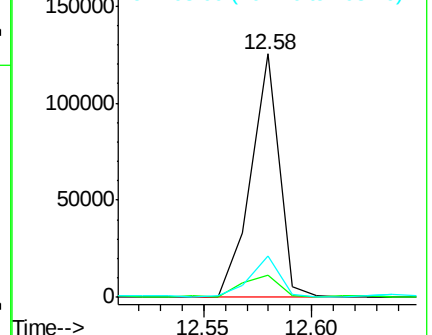
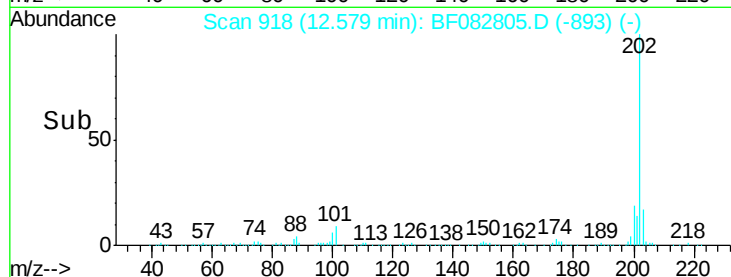
203 17.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

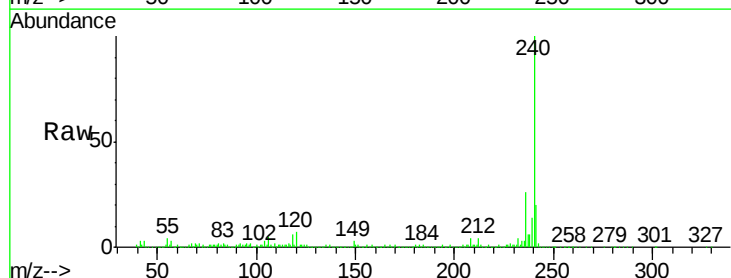
Tgt Ion:240 Resp: 556753

Ion Ratio Lower Upper

240 100

120 7.0 10.9 16.3#

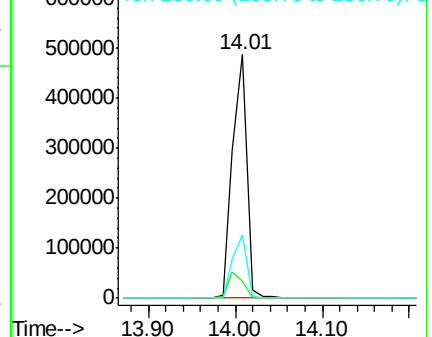
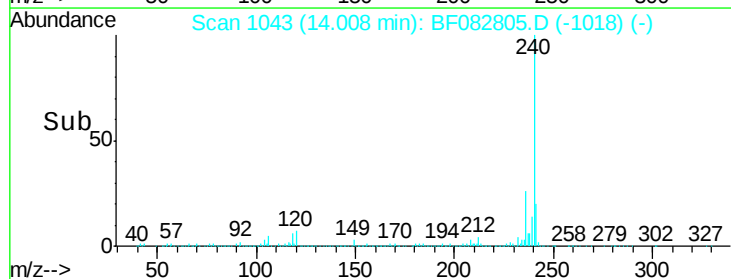
236 25.8 21.6 32.4

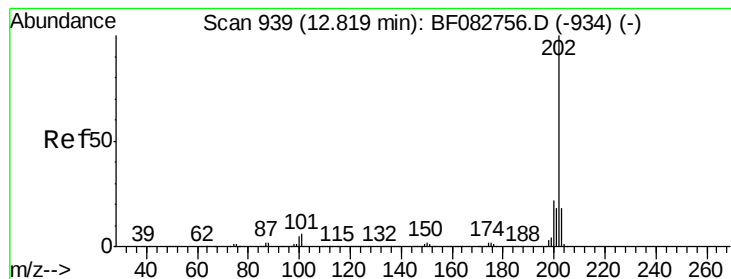


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.61 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

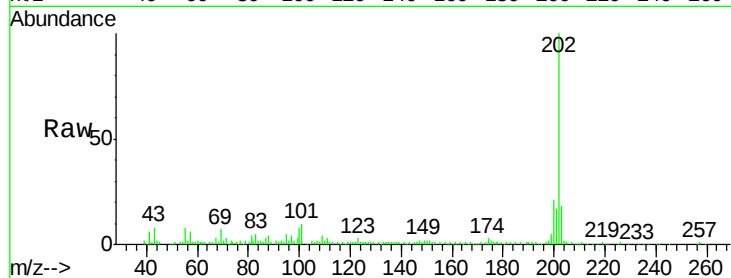
Tgt Ion:202 Resp: 99602

Ion Ratio Lower Upper

202 100

200 21.0 18.7 28.1

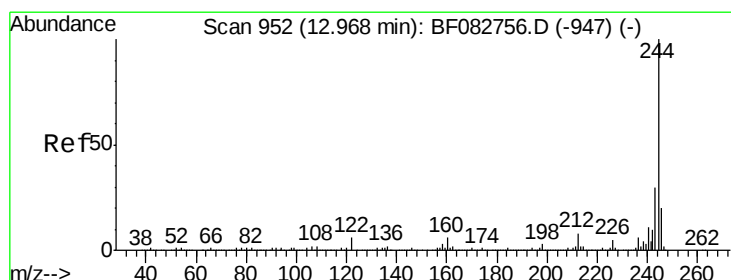
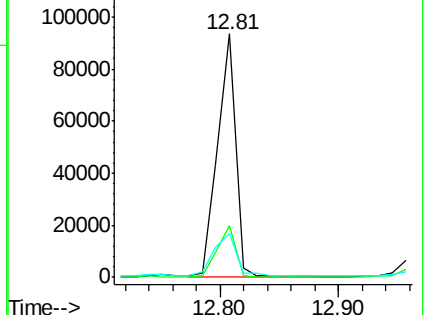
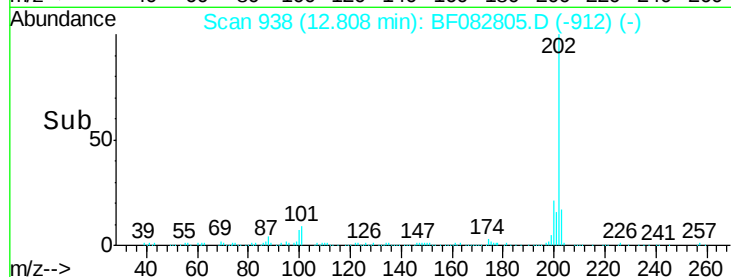
203 17.9 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.87 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

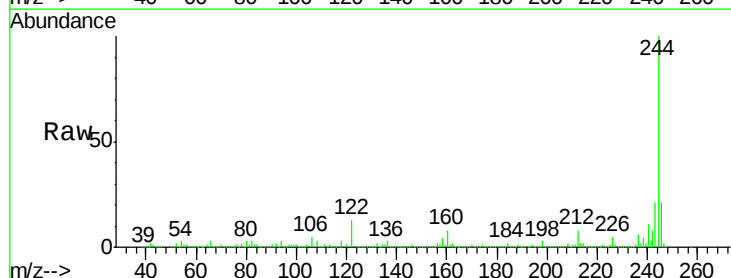
Tgt Ion:244 Resp: 1475742

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

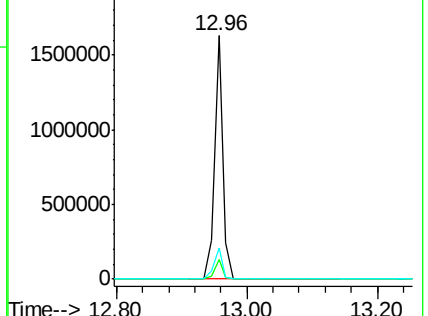
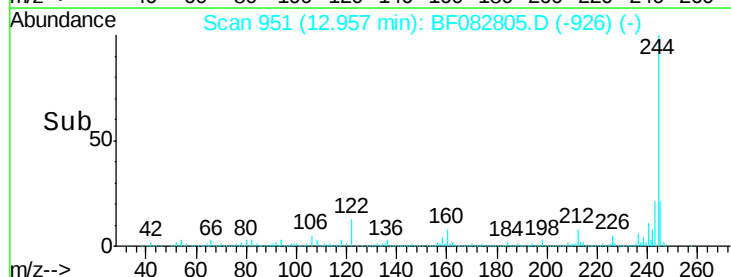
122 13.0 11.3 16.9

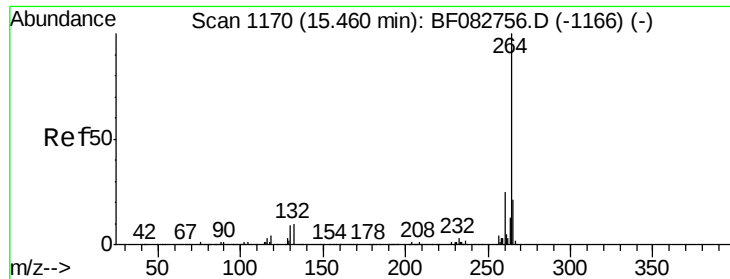


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

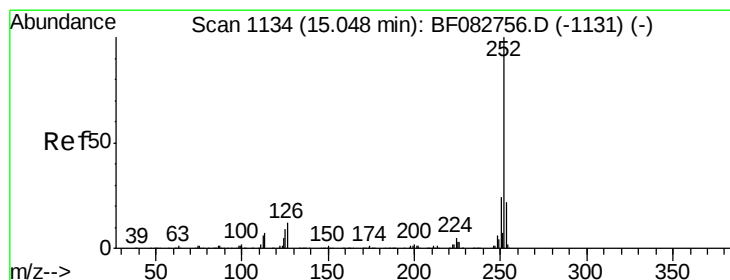
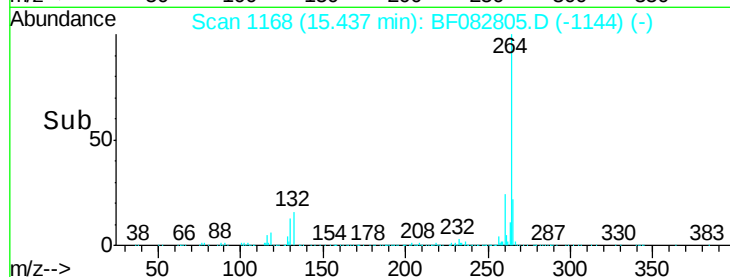
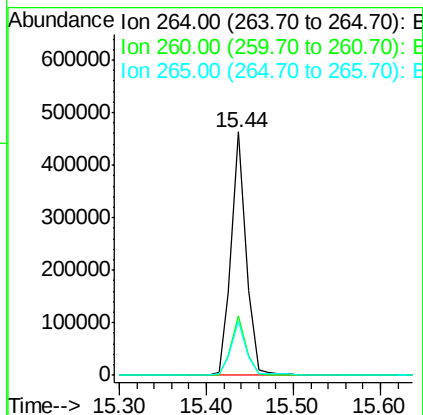
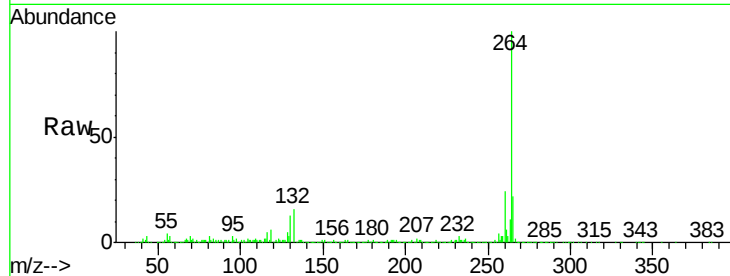




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082805.D
Acq: 7 Nov 2015 12:33

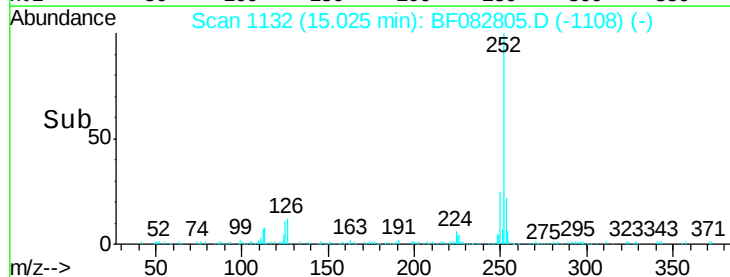
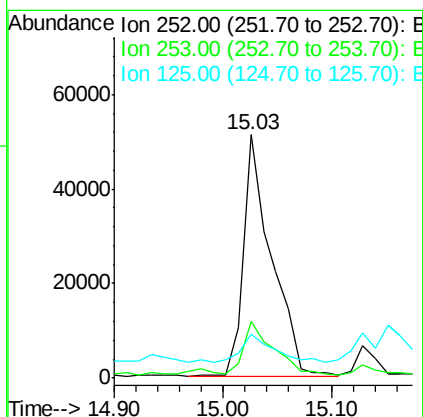
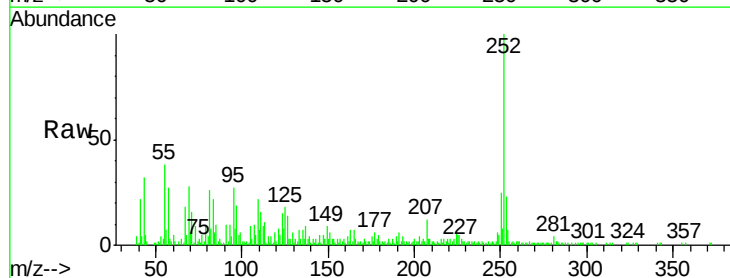
Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

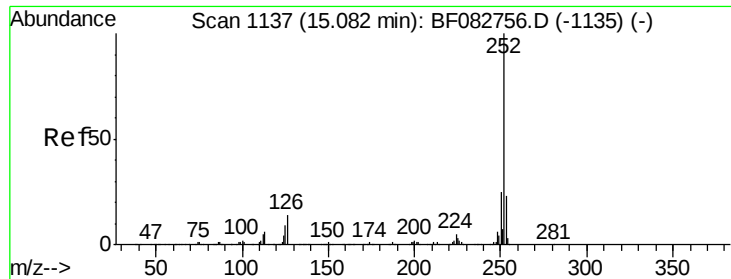
Tgt Ion:264 Resp: 554213
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 22.1 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 2.54 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.02 min
Lab File: BF082805.D
Acq: 7 Nov 2015 12:33

Tgt Ion:252 Resp: 90378
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 17.9 5.4 8.2#





#88

Benzo(k)fluoranthene

Concen: 2.86 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF082805.D

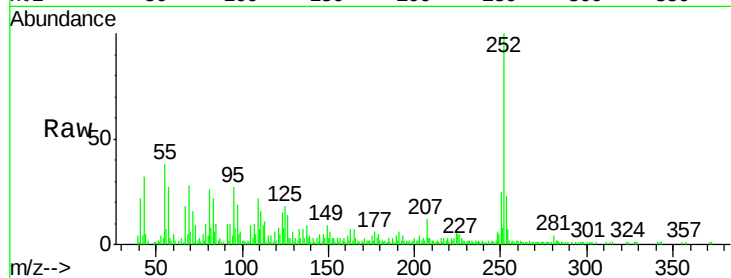
Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)



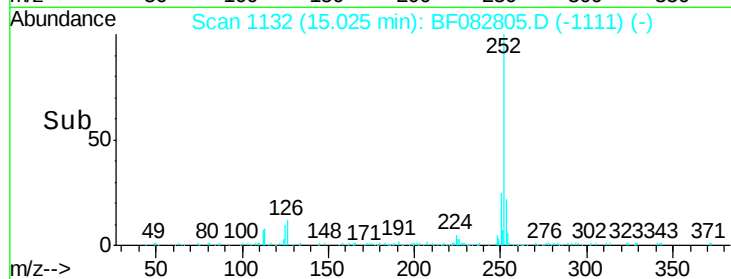
Tgt Ion: 252 Resp: 90378

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

125 17.9 3.5 5.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

