

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082809.D
 Acq On : 7 Nov 2015 14:31
 Operator : UM/IZ
 Sample : G4257-13
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-7(0-2)

Quant Time: Nov 09 00:02:05 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

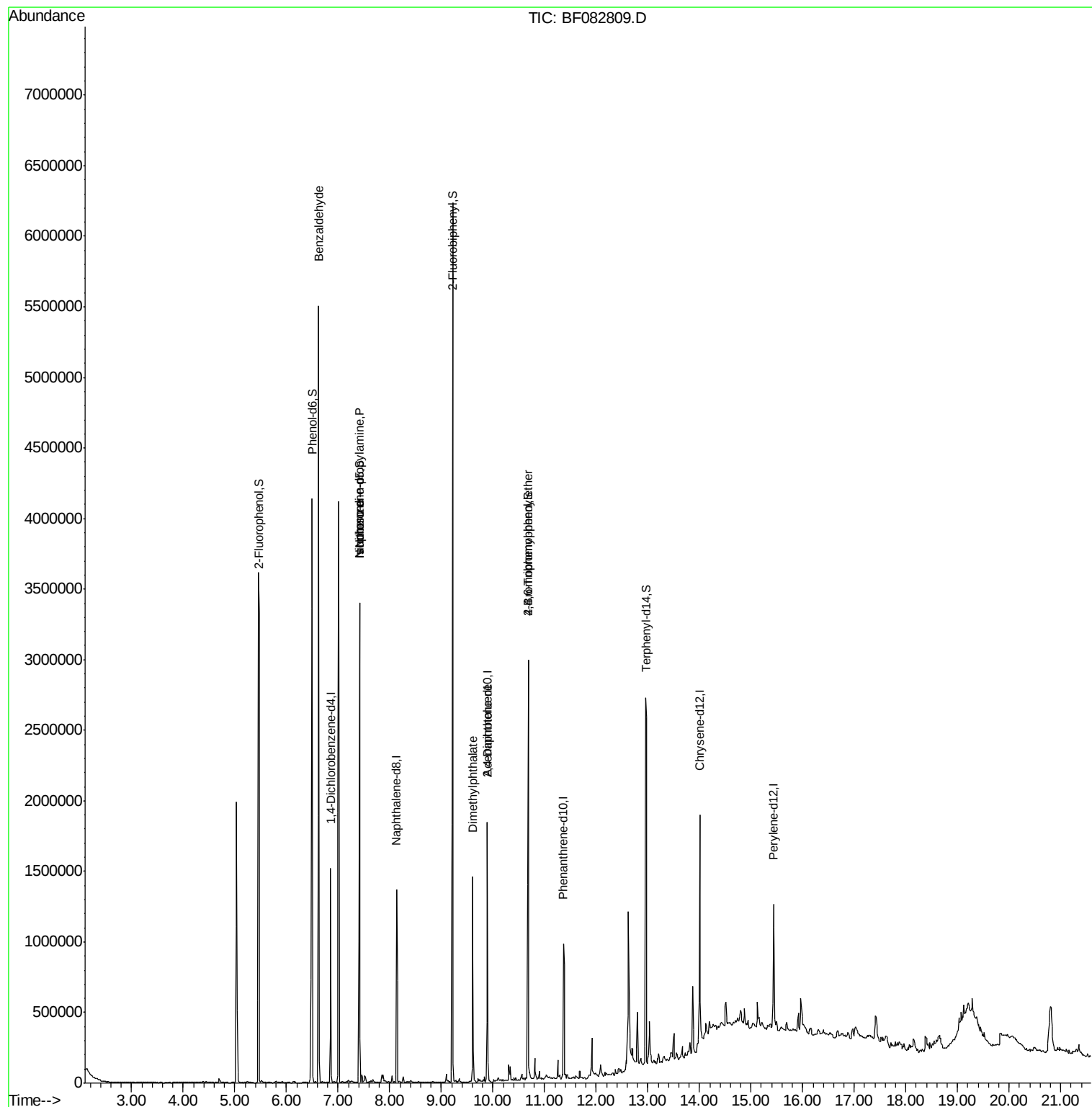
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	212439	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	703944	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	351662	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	494036	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	531414	20.00	ng	-0.01
86) Perylene-d12	15.44	264	483238	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1462666	107.13	ng	0.02
7) Phenol-d6	6.50	99	2007288	110.59	ng	0.02
23) Nitrobenzene-d5	7.41	82	1144346	70.73	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	367680	91.19	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1771525	72.20	ng	0.00
78) Terphenyl-d14	12.97	244	1201371	53.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	39351	3.92	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.41	70	158277	11.86	ng	# 69
25) Isophorone	7.41	82	1133484	37.87	ng	# 69
49) Dimethylphthalate	9.61	163	507392	17.61	ng	100
56) 2,4-Dinitrotoluene	9.89	165	44337	5.32	ng	# 16
66) 4-Bromophenyl-phenylether	10.68	248	27330	4.59	ng	# 1

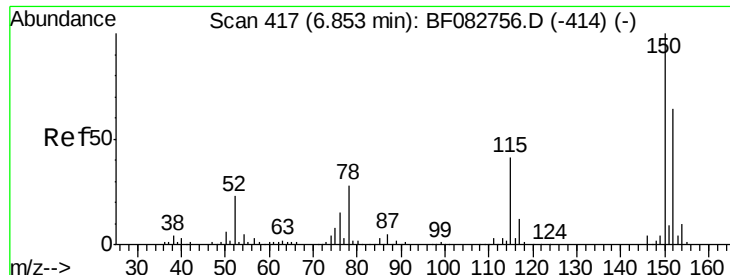
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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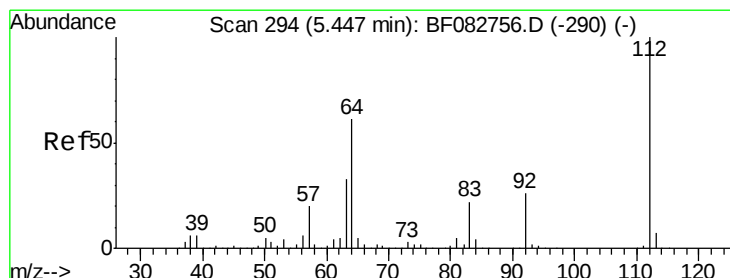
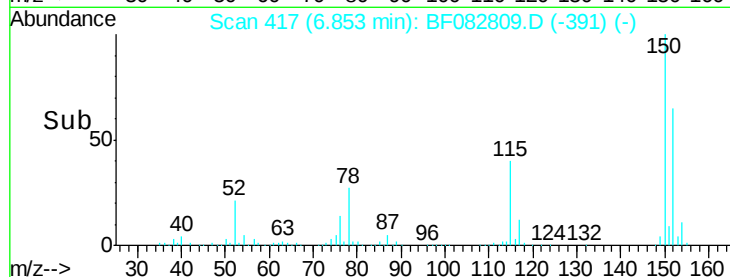
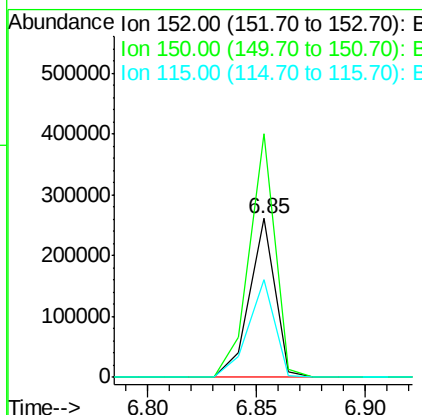
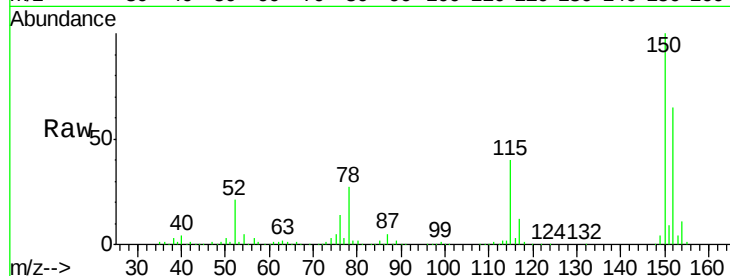




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082809.D
 Acq: 7 Nov 2015 14:31

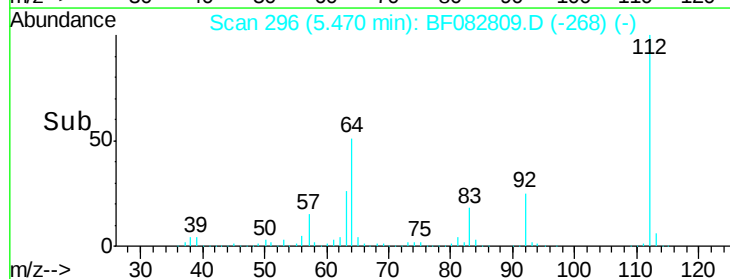
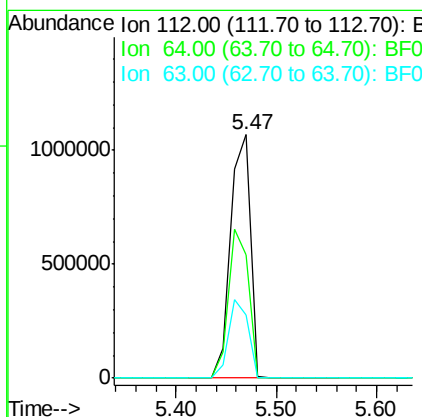
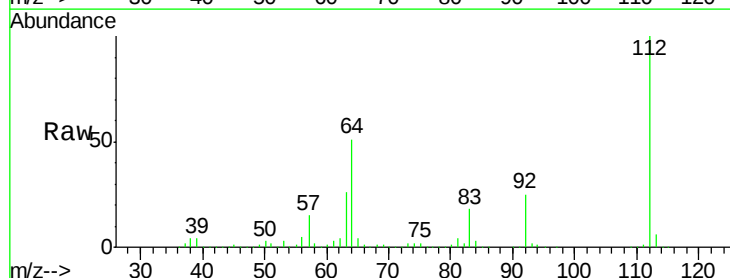
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-7(0-2)

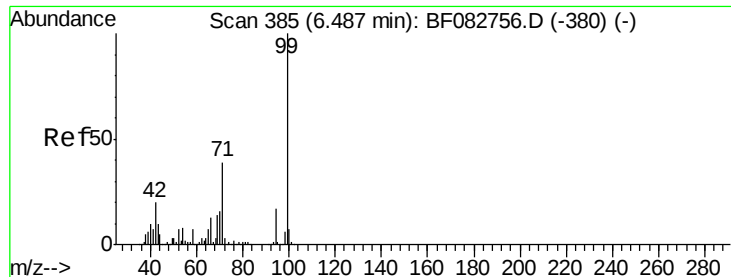
Tgt Ion:152 Resp: 212439
 Ion Ratio Lower Upper
 152 100
 150 153.4 127.0 190.4
 115 61.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 107.13 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF082809.D
 Acq: 7 Nov 2015 14:31

Tgt Ion:112 Resp: 1462666
 Ion Ratio Lower Upper
 112 100
 64 50.6 48.9 73.3
 63 25.8 28.1 42.1#





#7

Phenol-d6

Concen: 110.59 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082809.D

Acq: 7 Nov 2015 14:31

Instrument :

BNA_F

ClientSampleId :

WABUT-7(0-2)

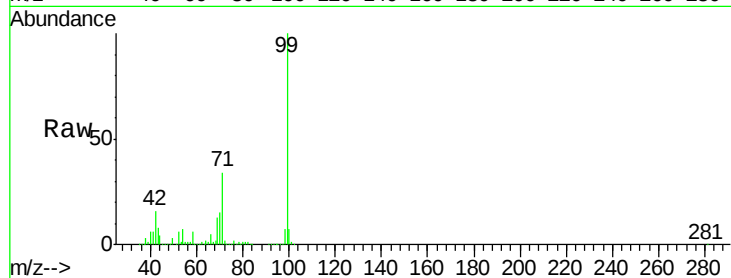
Tgt Ion: 99 Resp: 2007288

Ion Ratio Lower Upper

99 100

42 16.0 19.2 28.8#

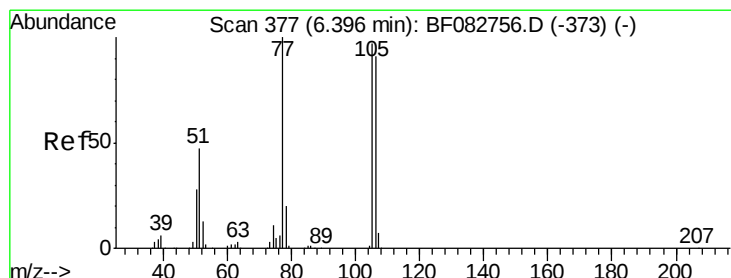
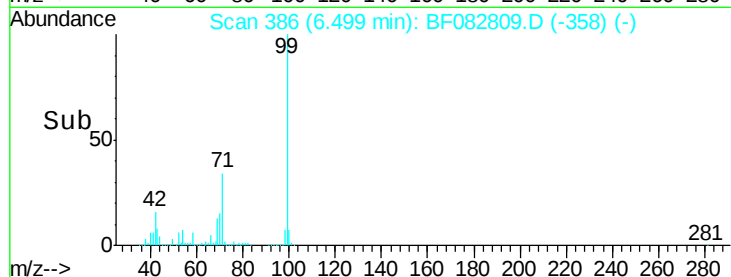
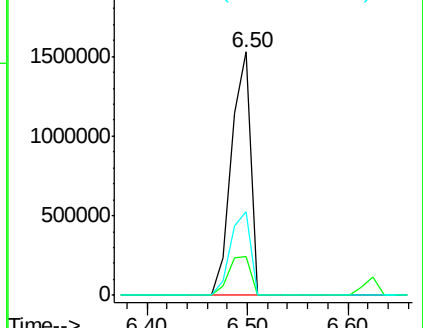
71 34.1 35.0 52.4#



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: 3.92 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082809.D

Acq: 7 Nov 2015 14:31

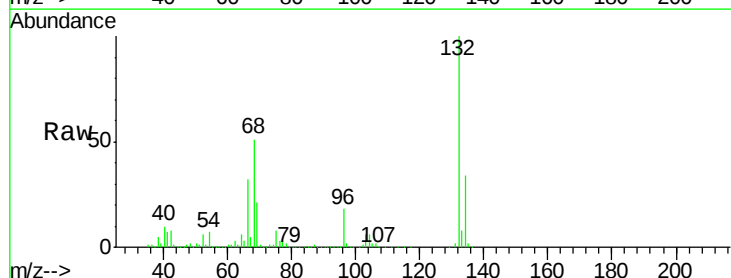
Tgt Ion: 77 Resp: 39351

Ion Ratio Lower Upper

77 100

105 71.2 63.5 103.5

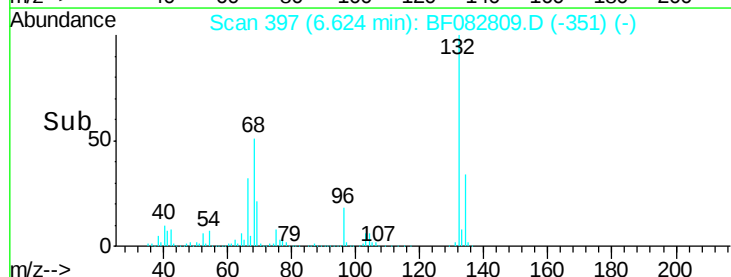
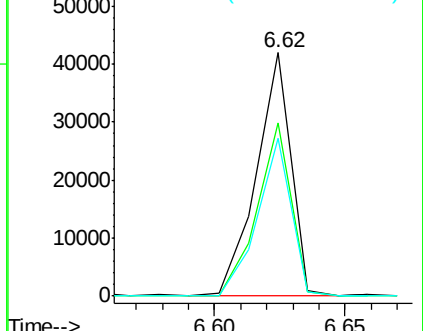
106 64.8 59.3 99.3



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: 11.86 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.15 min

Lab File: BF082809.D

Acq: 7 Nov 2015 14:31

Instrument :

BNA_F

ClientSampleId :

WABUT-7(0-2)

Tgt Ion: 70 Resp: 158277

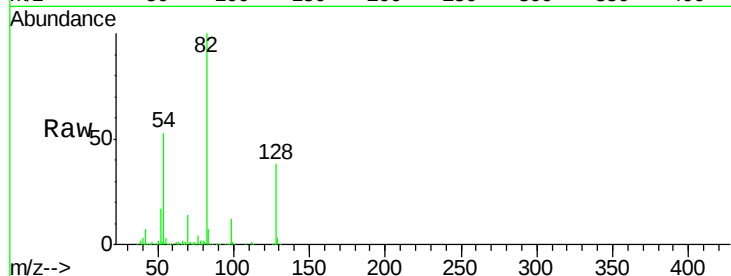
Ion Ratio Lower Upper

70 100

42 45.9 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

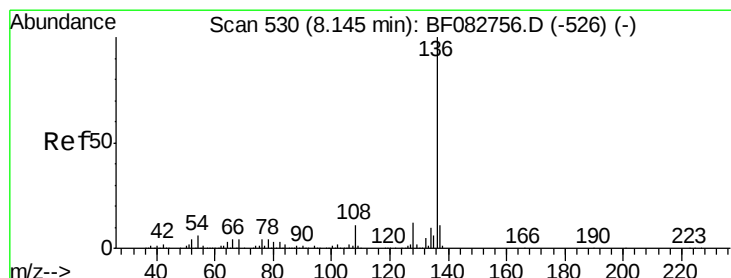
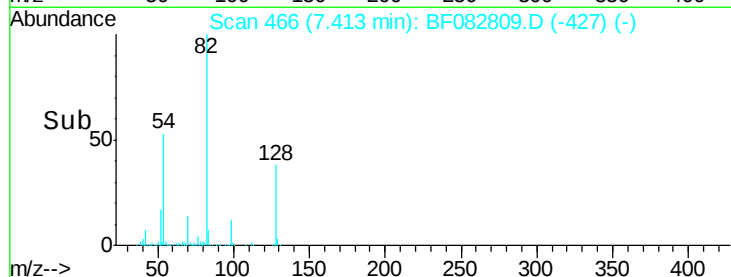
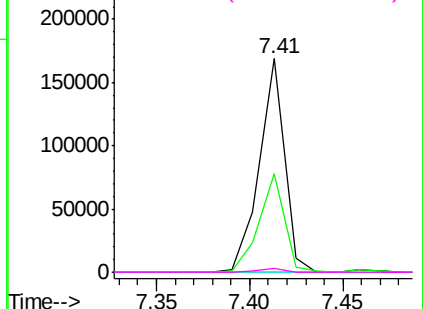


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082809.D

Acq: 7 Nov 2015 14:31

Tgt Ion: 136 Resp: 703944

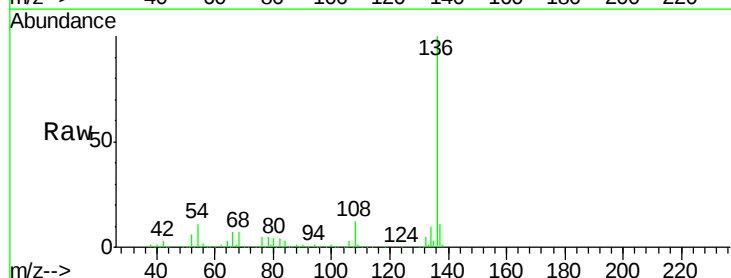
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 11.2 9.1 13.7

68 7.3 4.8 7.2#

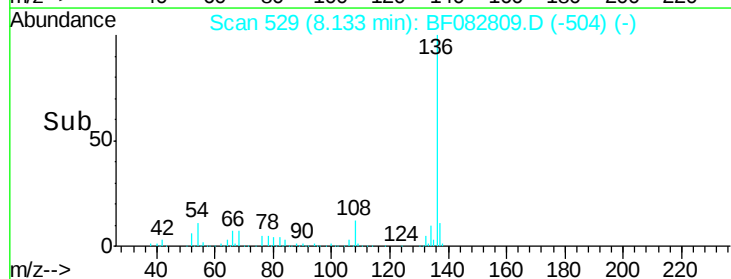
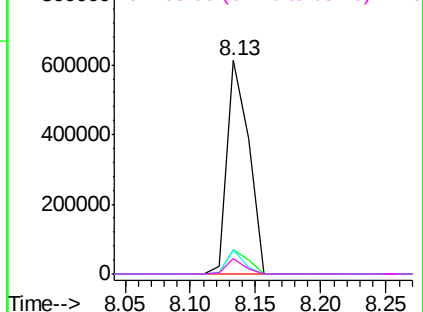


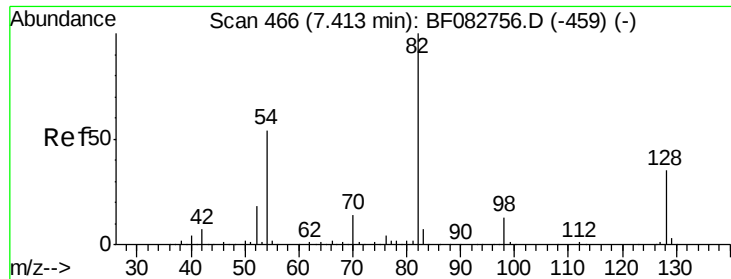
Abundance Ion 136.00 (135.70 to 136.70): E

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

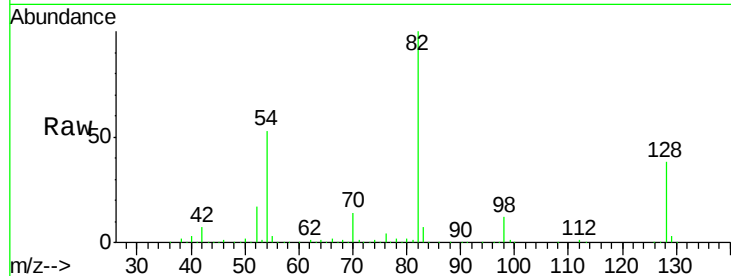




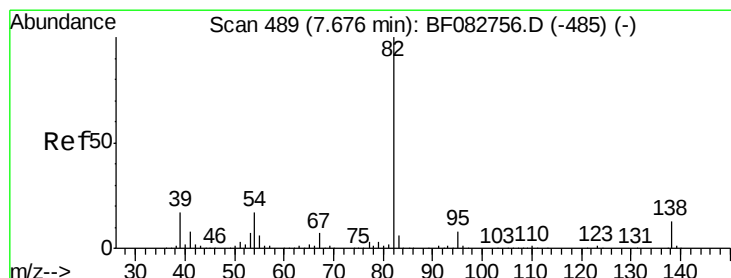
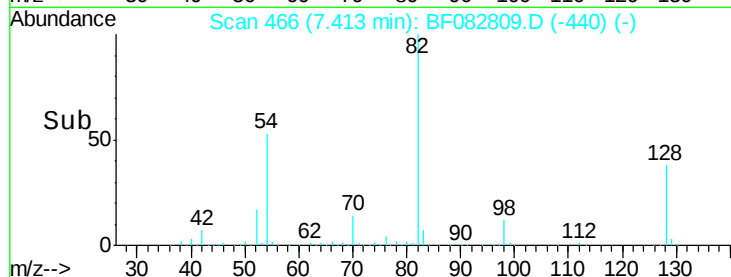
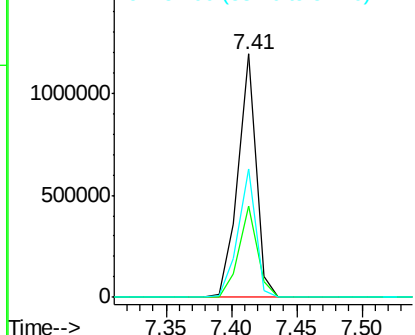
#23
 Nitrobenzene-d5
 Concen: 70.73 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082809.D
 Acq: 7 Nov 2015 14:31

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-7(0-2)

Tgt Ion: 82 Resp: 1144346
 Ion Ratio Lower Upper
 82 100
 128 37.7 26.8 40.2
 54 52.5 45.7 68.5

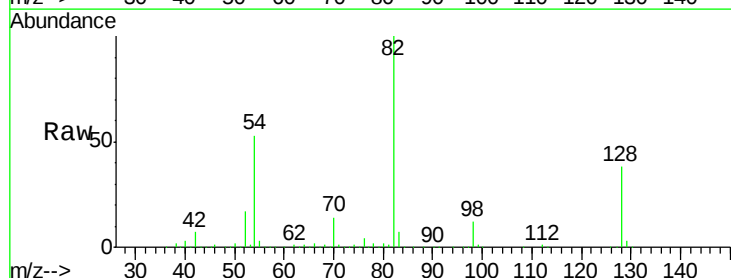


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

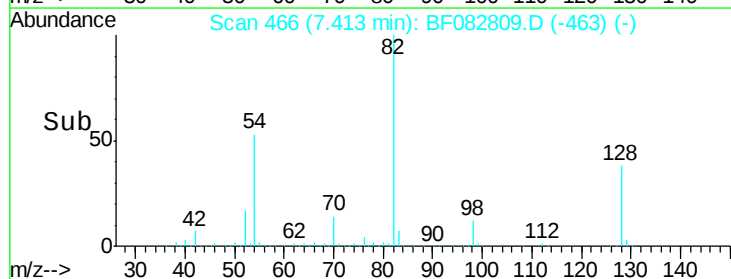
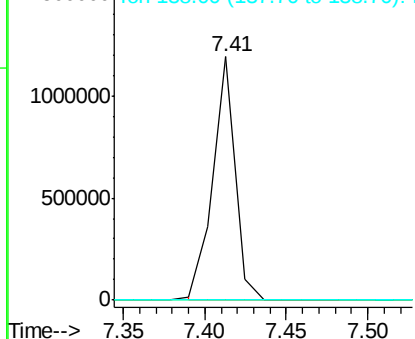


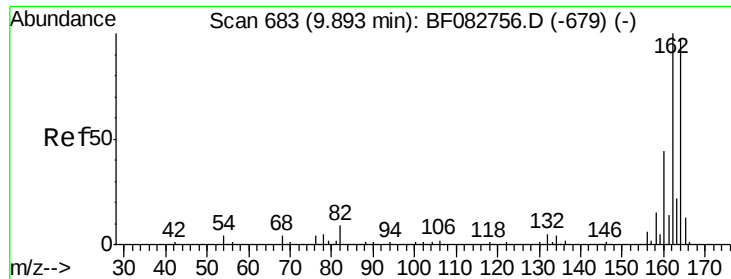
#25
 Isophorone
 Concen: 37.87 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082809.D
 Acq: 7 Nov 2015 14:31

Tgt Ion: 82 Resp: 1133484
 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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082809.D

Acq: 7 Nov 2015 14:31

Instrument :

BNA_F

ClientSampleId :

WABUT-7(0-2)

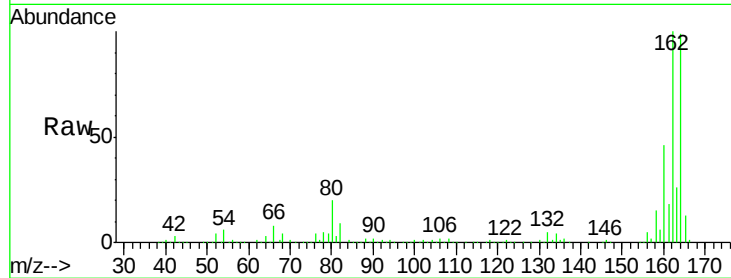
Tgt Ion:164 Resp: 351662

Ion Ratio Lower Upper

164 100

162 100.9 84.9 127.3

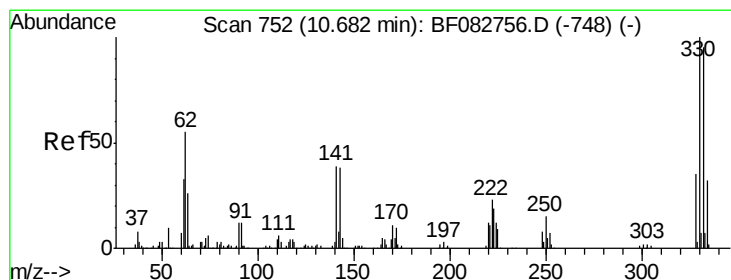
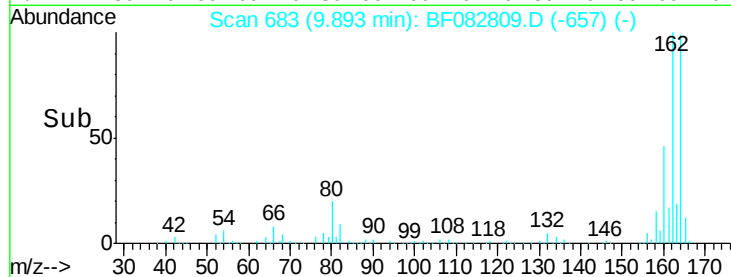
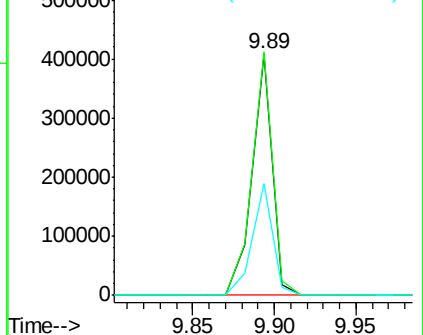
160 46.1 37.5 56.3



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: 91.19 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082809.D

Acq: 7 Nov 2015 14:31

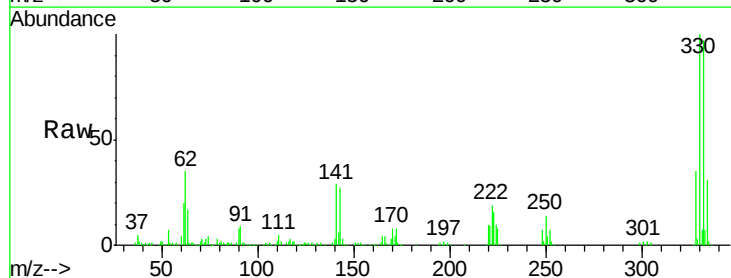
Tgt Ion:330 Resp: 367680

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

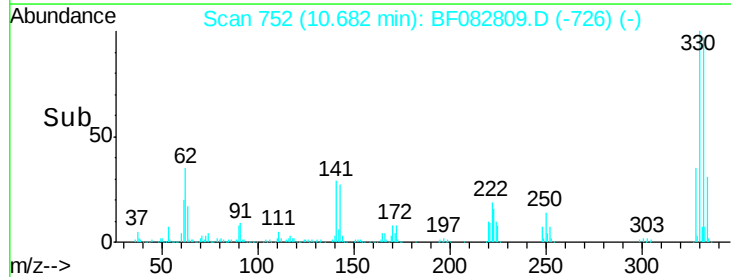
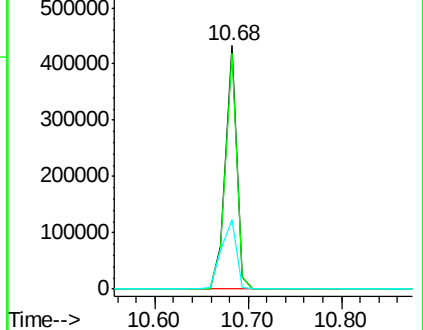
141 37.2 41.2 61.8#

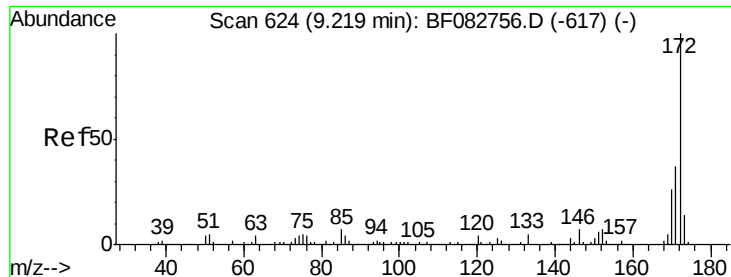


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

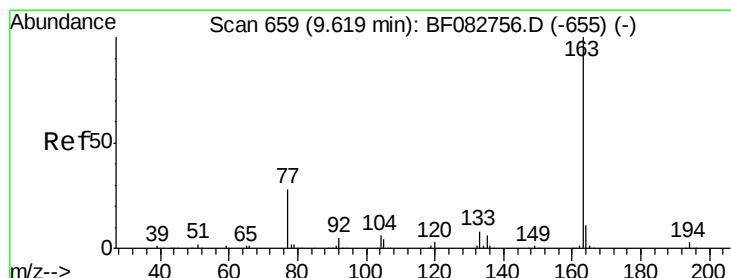
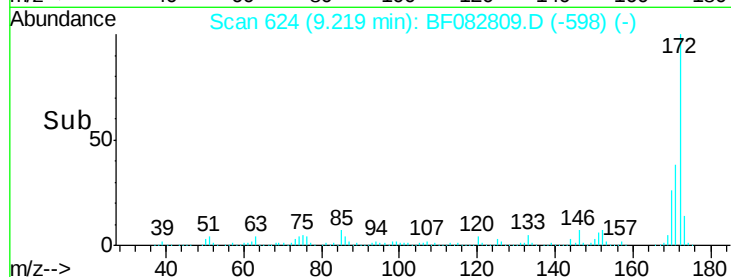
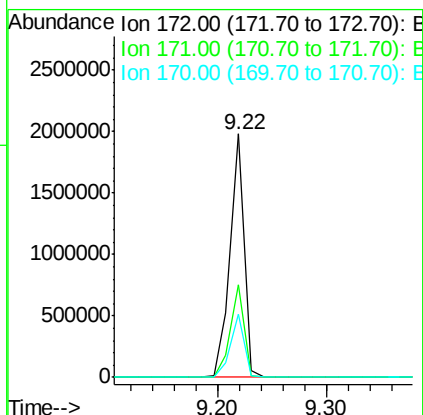
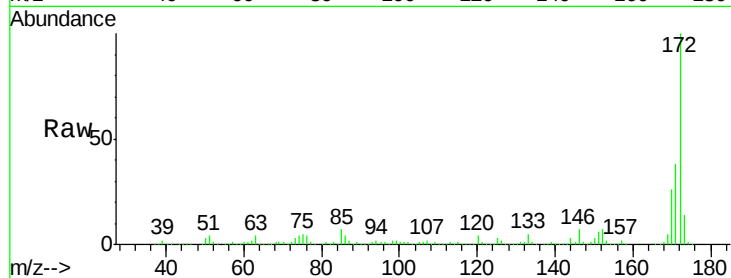




#44
 2-Fluorobiphenyl
 Concen: 72.20 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082809.D
 Acq: 7 Nov 2015 14:31

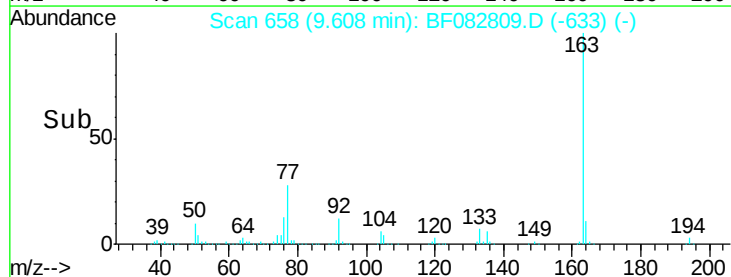
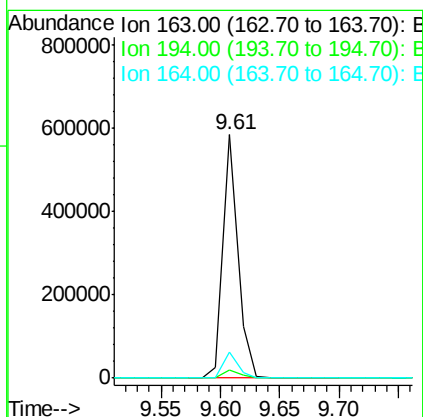
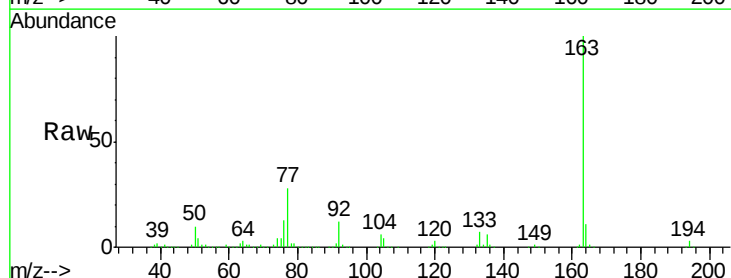
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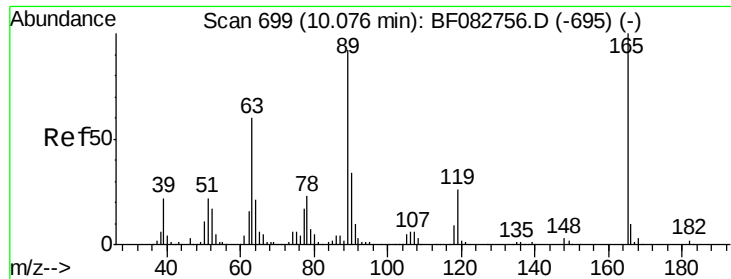
Tgt Ion:172 Resp: 1771525
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 26.1 21.2 31.8



#49
 Dimethylphthalate
 Concen: 17.61 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082809.D
 Acq: 7 Nov 2015 14:31

Tgt Ion:163 Resp: 507392
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.9 8.7 13.1

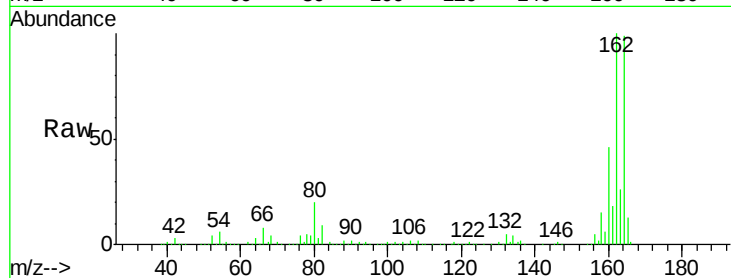




#56
2,4-Dinitrotoluene
Concen: 5.32 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.18 min
Lab File: BF082809.D
Acq: 7 Nov 2015 14:31

Instrument :
BNA_F
ClientSampleId :
WABUT-7(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.0#
89	2.1	70.6	106.0#
182	0.0	1.5	2.3#

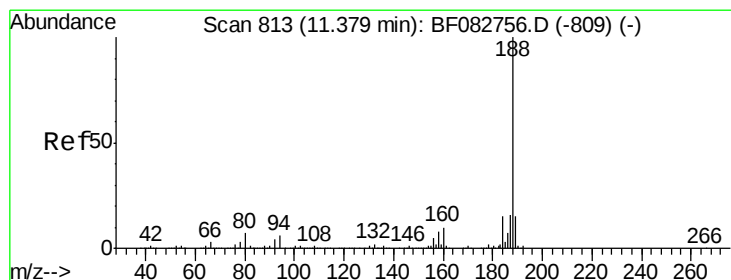
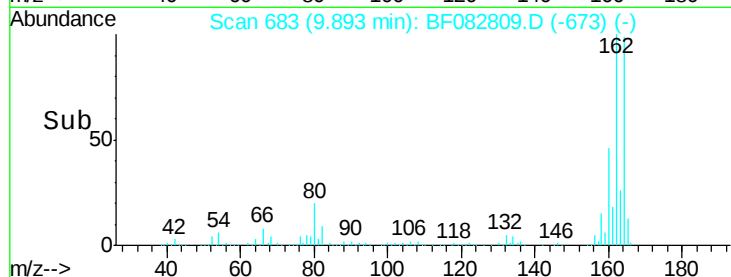
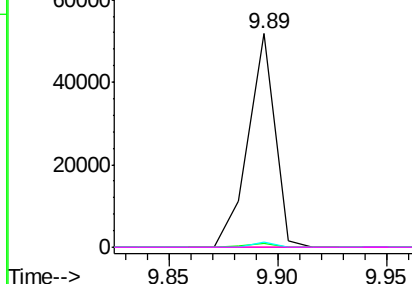


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

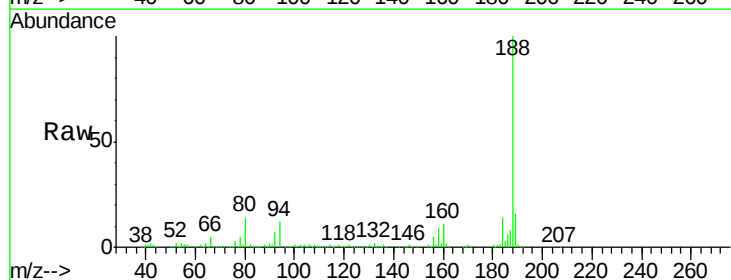
Ion 89.00 (88.70 to 89.70): BF0

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: BF082809.D
Acq: 7 Nov 2015 14:31

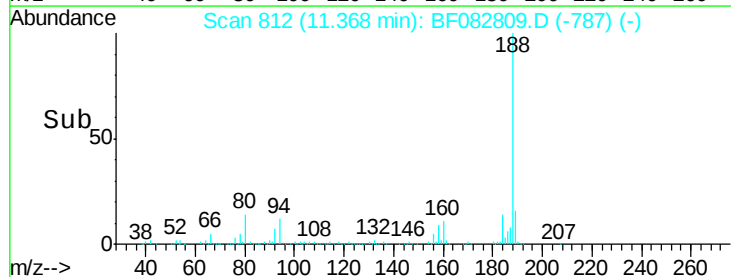
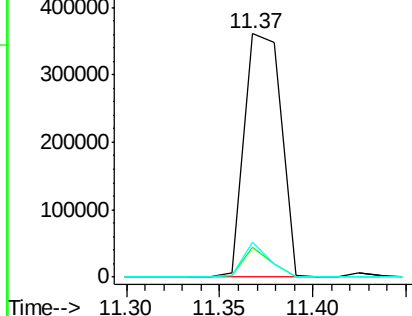
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.1	9.1#
80	14.4	7.0	10.6#

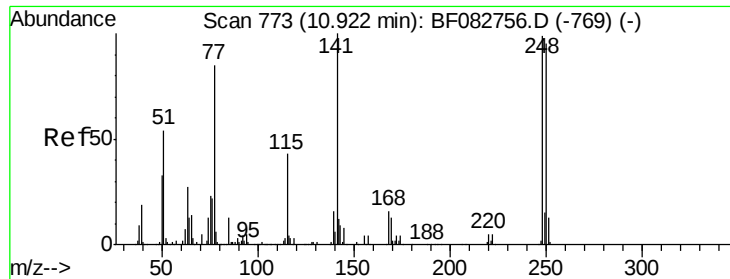


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

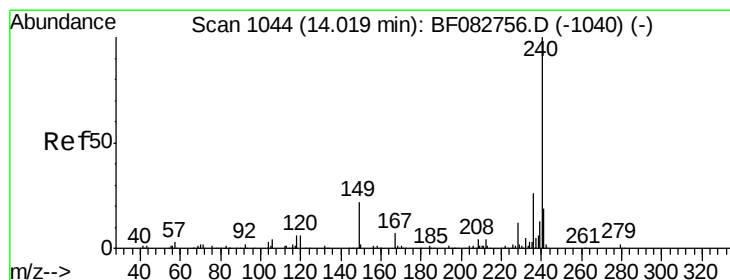
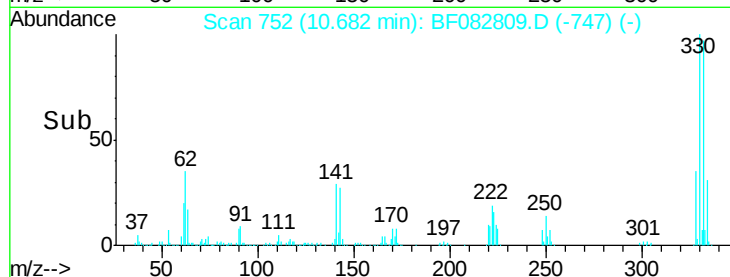
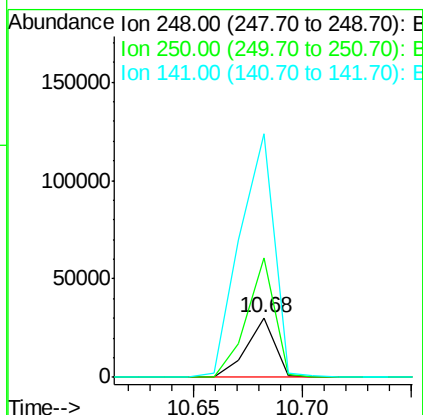
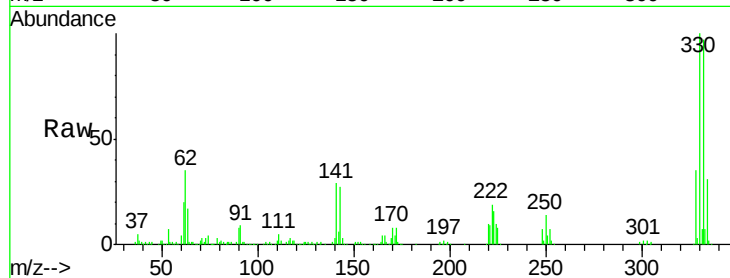




#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF082809.D
Acq: 7 Nov 2015 14:31

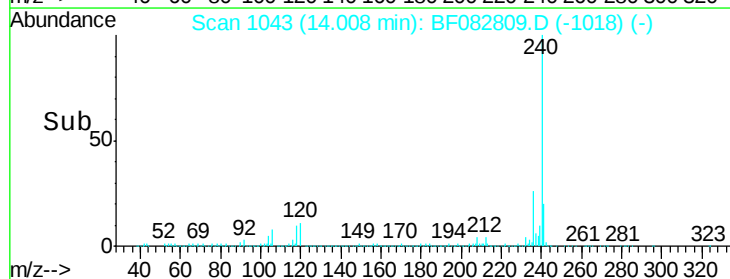
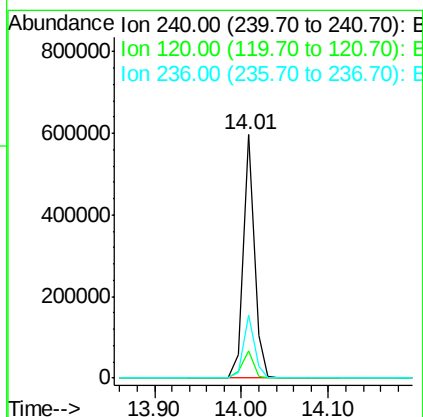
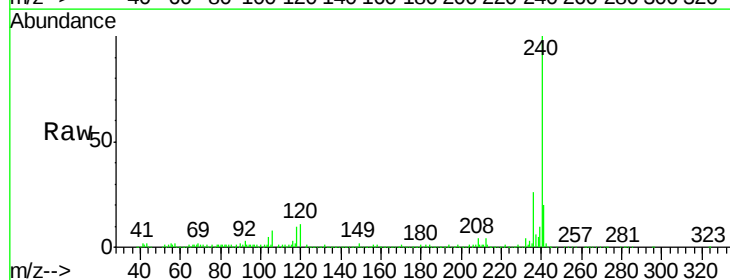
Instrument :
BNA_F
ClientSampleId :
WABUT-7(0-2)

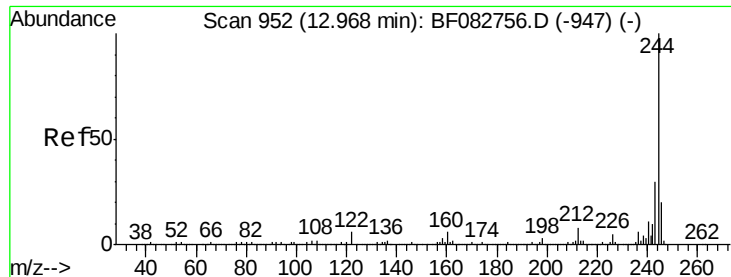
Tgt Ion:248 Resp: 27330
Ion Ratio Lower Upper
248 100
250 200.2 79.4 119.2#
141 407.3 36.3 54.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082809.D
Acq: 7 Nov 2015 14:31

Tgt Ion:240 Resp: 531414
Ion Ratio Lower Upper
240 100
120 11.3 10.9 16.3
236 25.7 21.6 32.4





#78

Terphenyl-d14

Concen: 53.62 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082809.D

Acq: 7 Nov 2015 14:31

Instrument :

BNA_F

ClientSampleId :

WABUT-7(0-2)

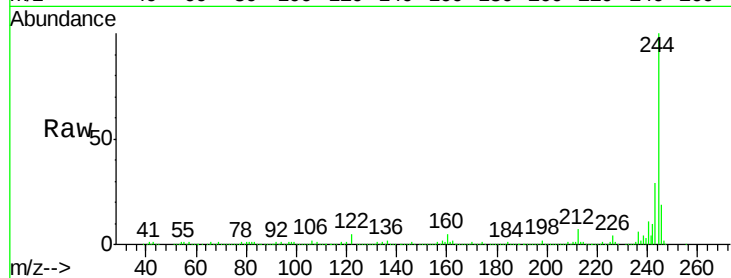
Tgt Ion:244 Resp: 1201371

Ion Ratio Lower Upper

244 100

212 6.7 7.6 11.4#

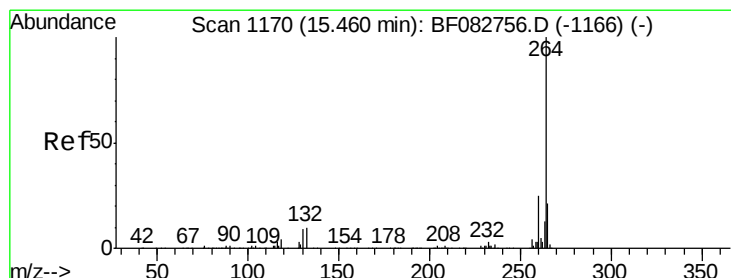
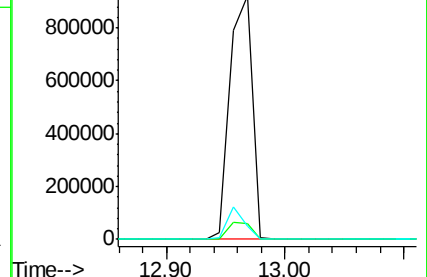
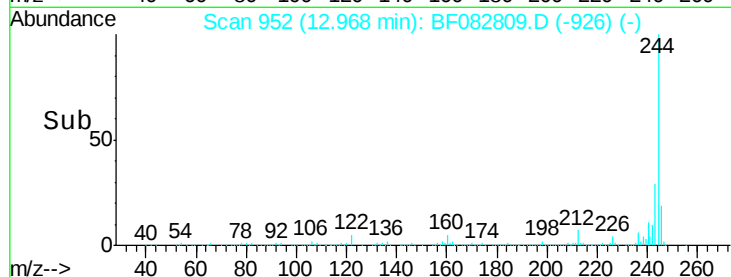
122 5.5 11.3 16.9#



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: BF082809.D

Acq: 7 Nov 2015 14:31

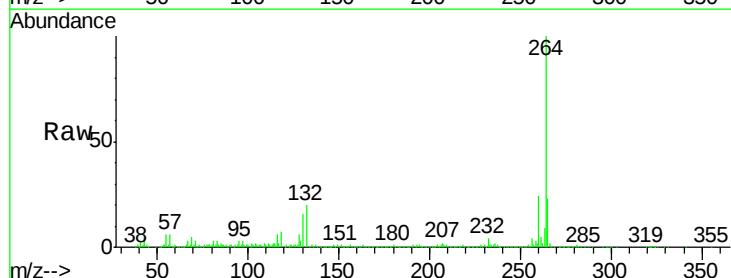
Tgt Ion:264 Resp: 483238

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 22.7 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

