

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082806.D
 Acq On : 7 Nov 2015 13:03
 Operator : UM/IZ
 Sample : G4257-07
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-5(0-2)

Quant Time: Nov 09 00:00:58 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

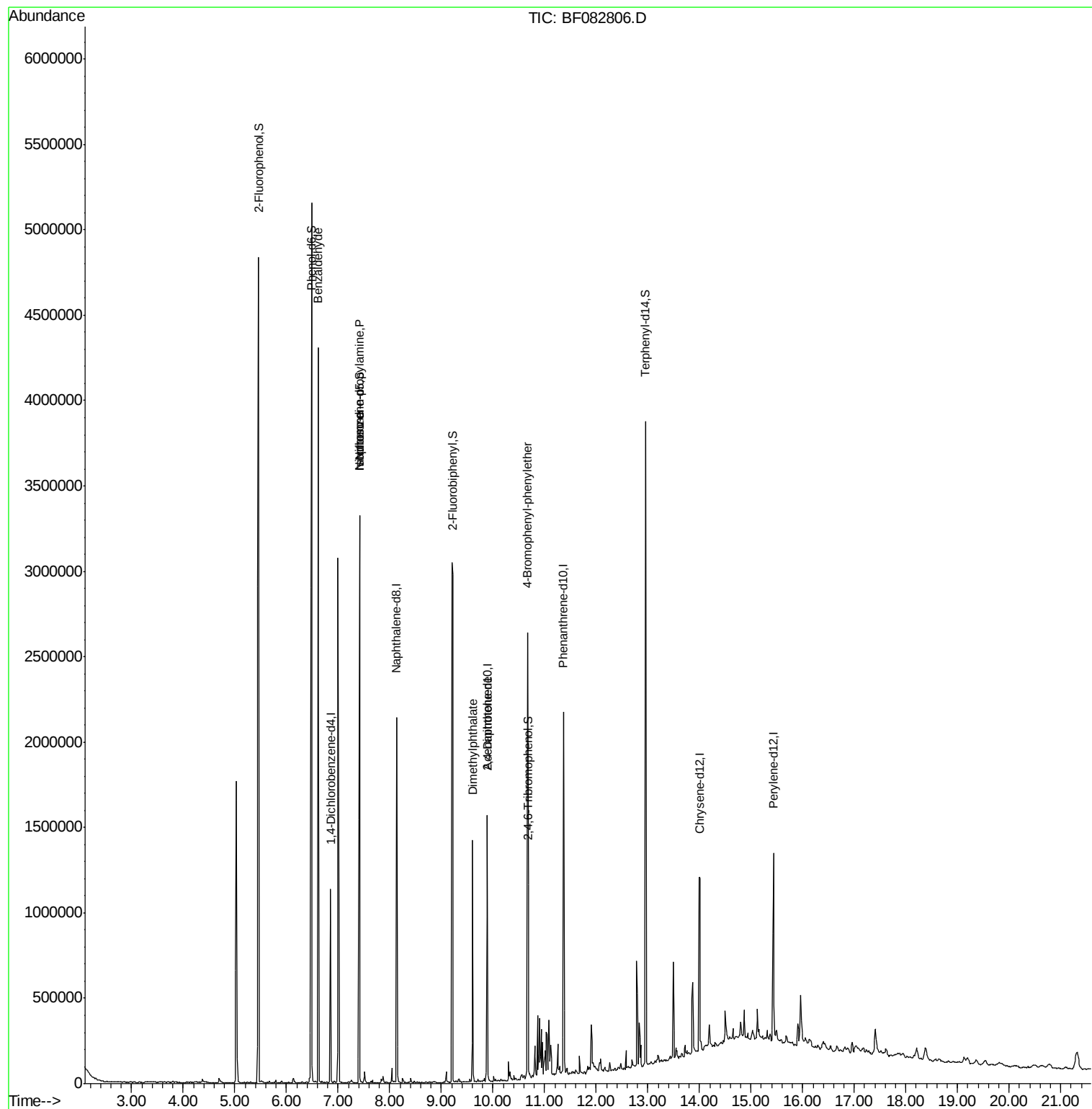
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	237093	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	834396	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	384358	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	728525	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	527085	20.00	ng	-0.01
86) Perylene-d12	15.44	264	536425	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1510842	99.15	ng	0.01
7) Phenol-d6	6.49	99	2013455	99.39	ng	0.01
23) Nitrobenzene-d5	7.41	82	1227223	64.00	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	348951	79.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1456309	54.30	ng	0.00
78) Terphenyl-d14	12.96	244	1101590	49.57	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	35131	3.14	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.41	70	164343	11.04	ng	# 68
25) Isophorone	7.41	82	1194143	33.66	ng	# 69
49) Dimethylphthalate	9.61	163	512750	16.28	ng	99
56) 2,4-Dinitrotoluene	9.89	165	49292	5.41	ng	# 15
66) 4-Bromophenyl-phenylether	10.67	248	22751	2.59	ng	# 1

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

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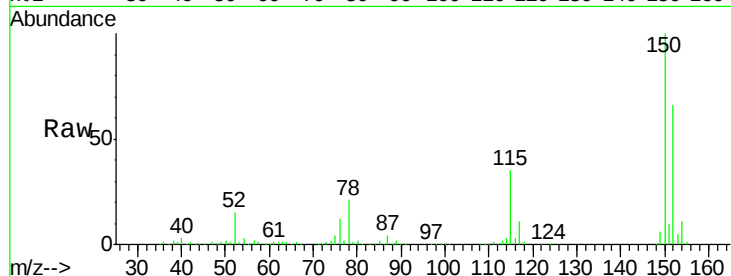


#1

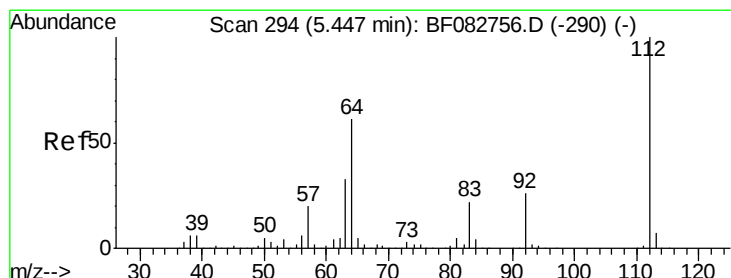
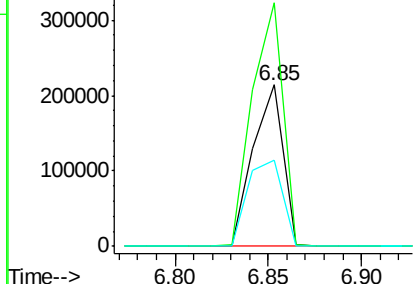
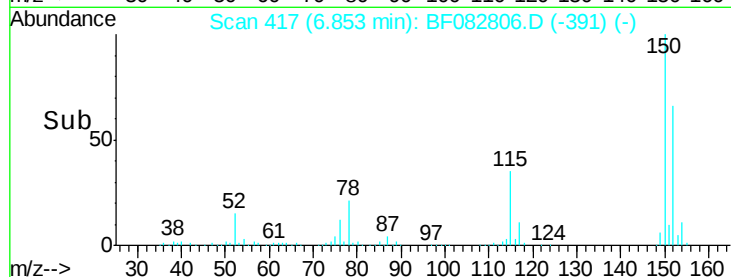
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082806.D
Acq: 7 Nov 2015 13:03

Instrument :
BNA_F
ClientSampleId :
WABUT-5(0-2)

Tgt Ion:152 Resp: 237093
Ion Ratio Lower Upper
152 100
150 150.8 127.0 190.4
115 53.2 47.0 70.6



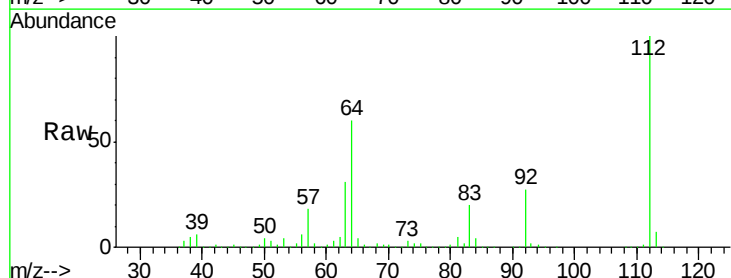
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



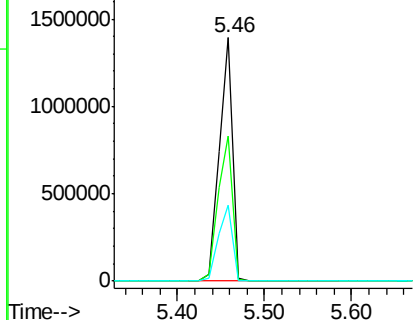
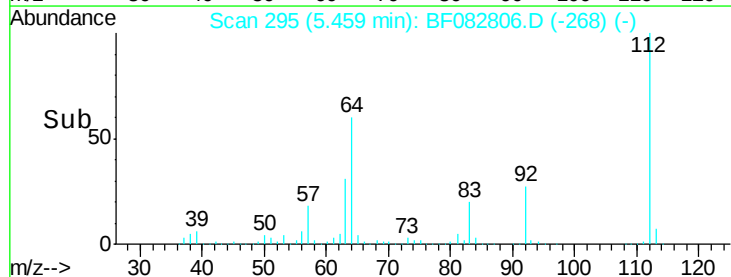
#5

2-Fluorophenol
Concen: 99.15 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082806.D
Acq: 7 Nov 2015 13:03

Tgt Ion:112 Resp: 1510842
Ion Ratio Lower Upper
112 100
64 59.7 48.9 73.3
63 31.3 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: 99.39 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082806.D

Acq: 7 Nov 2015 13:03

Instrument :

BNA_F

ClientSampleId :

WABUT-5(0-2)

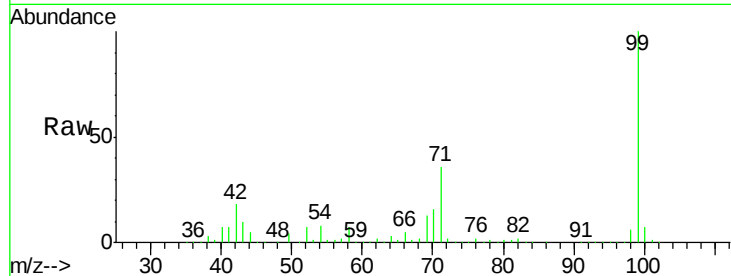
Tgt Ion: 99 Resp: 2013455

Ion Ratio Lower Upper

99 100

42 18.5 19.2 28.8#

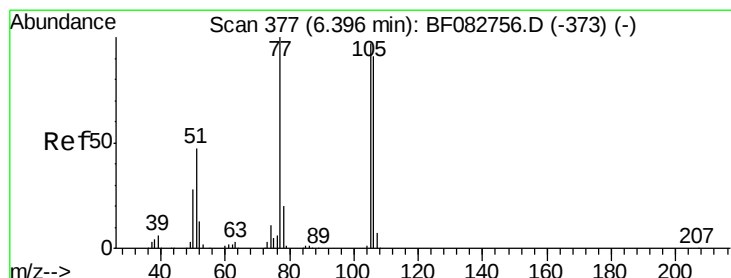
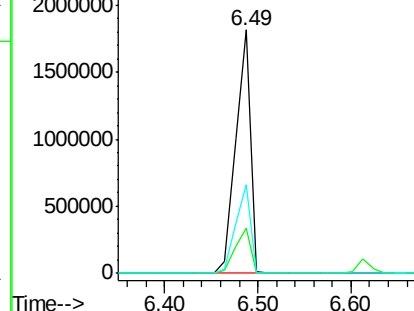
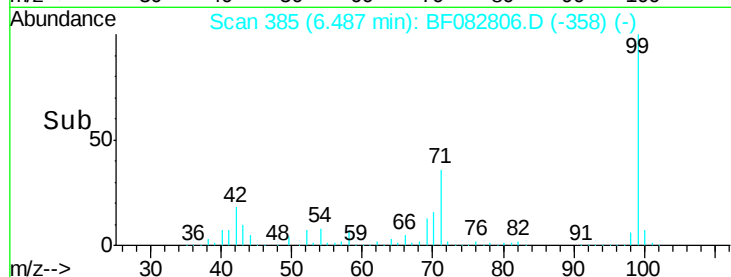
71 36.3 35.0 52.4



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: 3.14 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082806.D

Acq: 7 Nov 2015 13:03

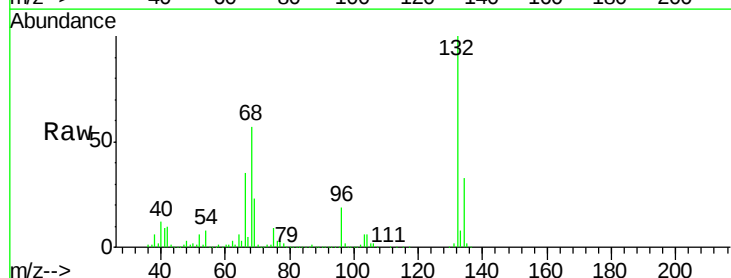
Tgt Ion: 77 Resp: 35131

Ion Ratio Lower Upper

77 100

105 68.2 63.5 103.5

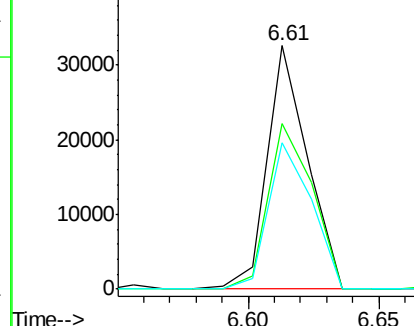
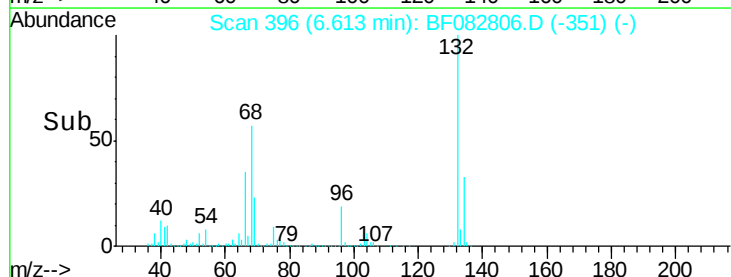
106 60.2 59.3 99.3



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

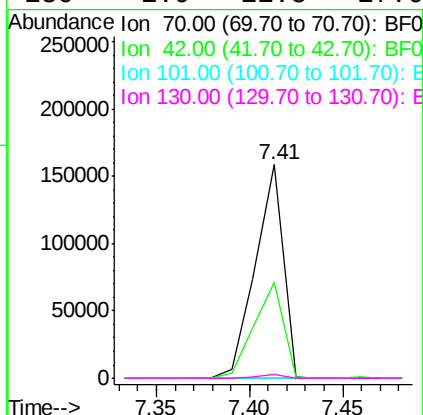
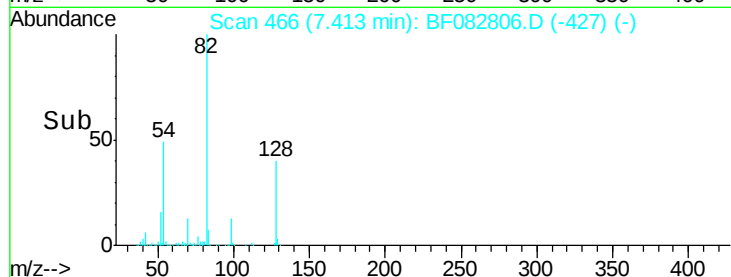
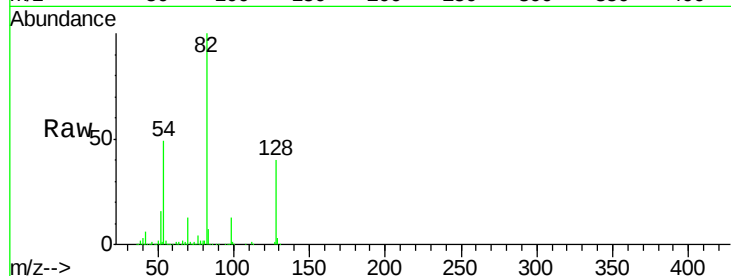




#19
n-Nitroso-di-n-propylamine
Concen: 11.04 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082806.D
Acq: 7 Nov 2015 13:03

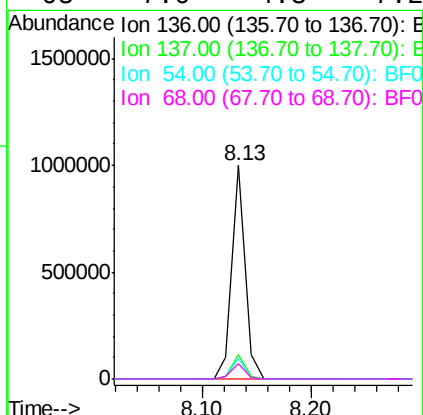
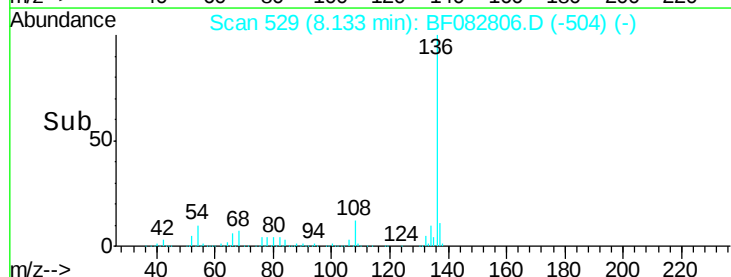
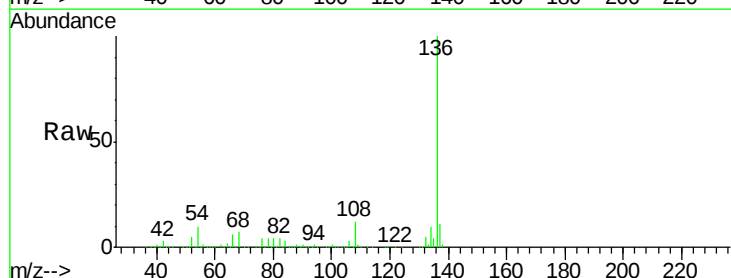
Instrument :
BNA_F
ClientSampleId :
WABUT-5(0-2)

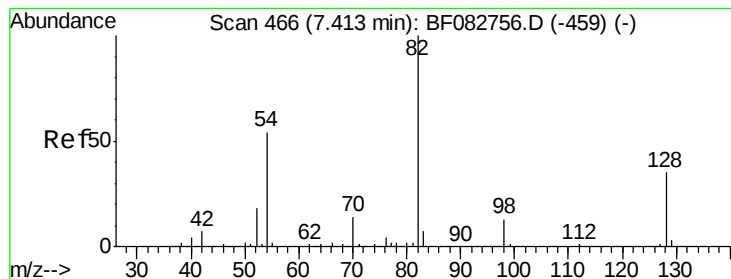
Tgt Ion:	70	Resp:	164343
Ion	Ratio	Lower	Upper
70	100		
42	44.7	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082806.D
Acq: 7 Nov 2015 13:03

Tgt Ion:	136	Resp:	834396
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.7	9.1	13.7
68	7.0	4.8	7.2





#23

Nitrobenzene-d5

Concen: 64.00 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082806.D

Acq: 7 Nov 2015 13:03

Instrument :

BNA_F

ClientSampleId :

WABUT-5(0-2)

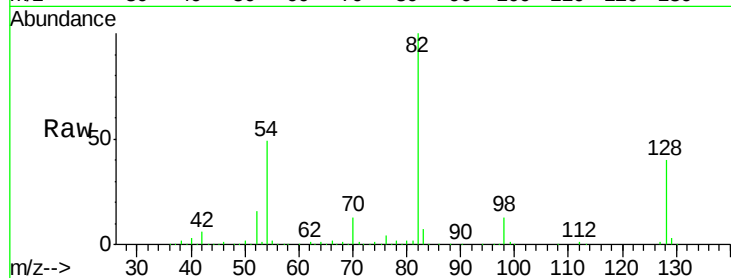
Tgt Ion: 82 Resp: 1227223

Ion Ratio Lower Upper

82 100

128 40.3 26.8 40.2#

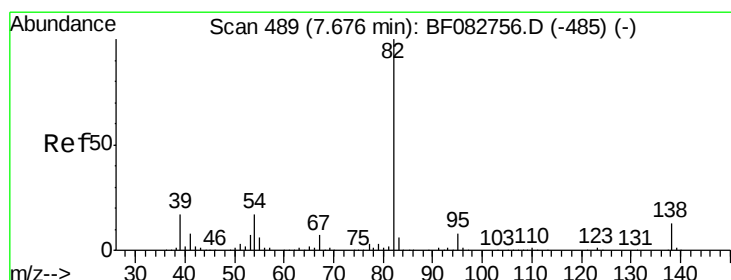
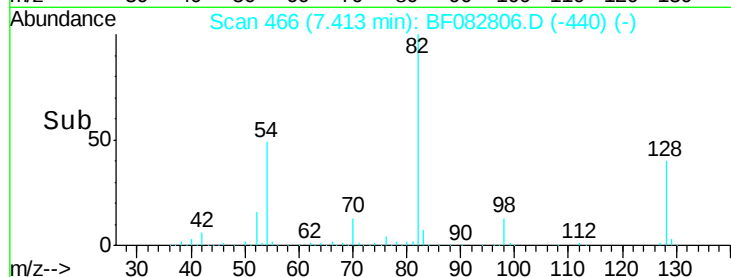
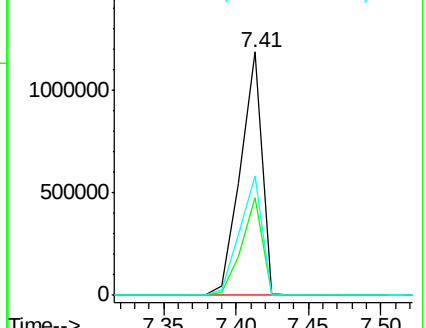
54 48.9 45.7 68.5



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: 33.66 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082806.D

Acq: 7 Nov 2015 13:03

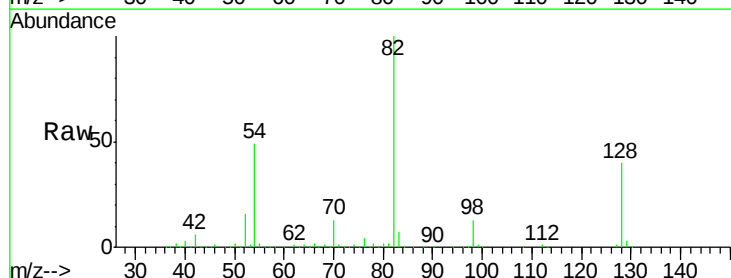
Tgt Ion: 82 Resp: 1194143

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

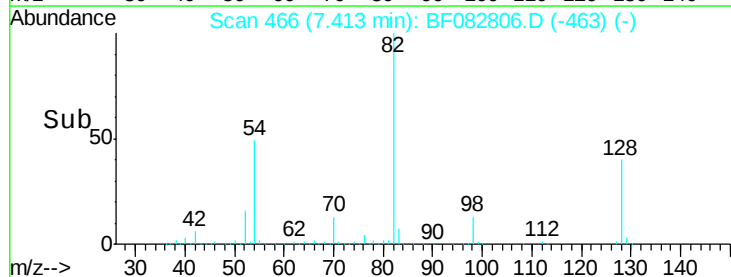
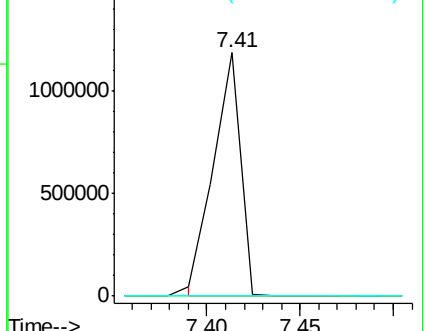
138 0.0 11.4 17.0#

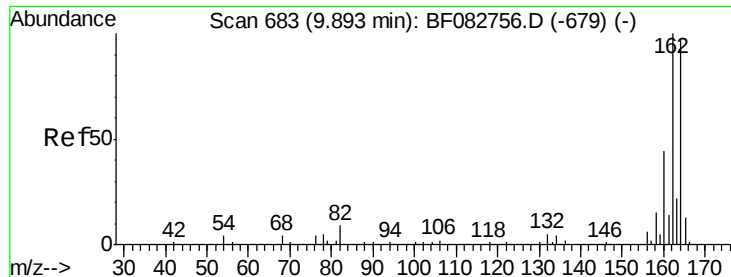


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF082806.D

Acq: 7 Nov 2015 13:03

Instrument :

BNA_F

ClientSampleId :

WABUT-5(0-2)

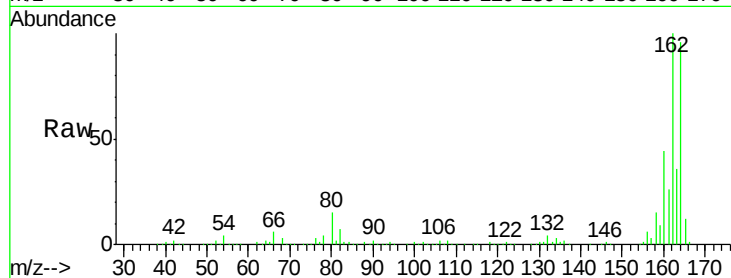
Tgt Ion:164 Resp: 384358

Ion Ratio Lower Upper

164 100

162 104.6 84.9 127.3

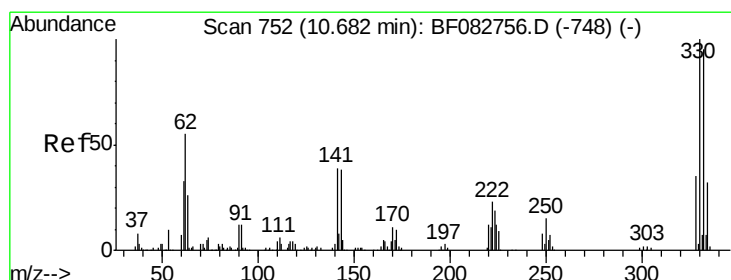
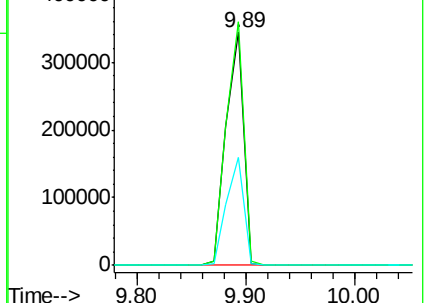
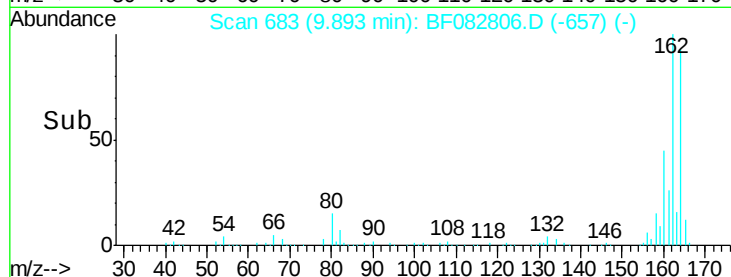
160 46.5 37.5 56.3



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: 79.18 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082806.D

Acq: 7 Nov 2015 13:03

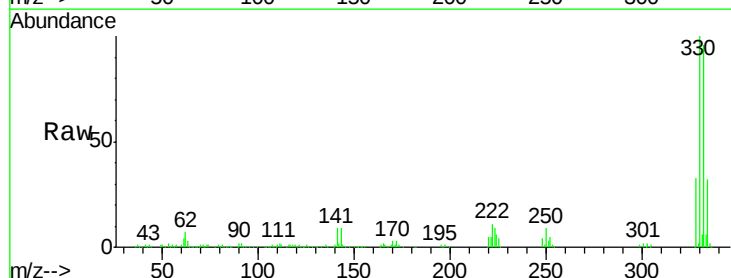
Tgt Ion:330 Resp: 348951

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

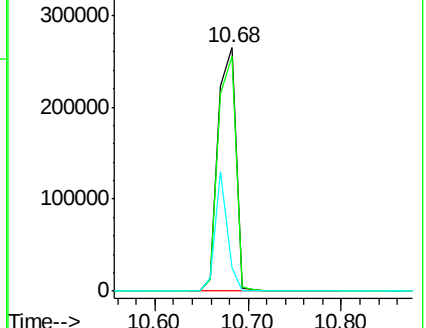
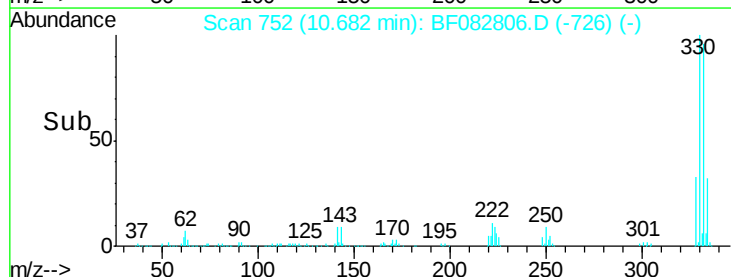
141 33.8 41.2 61.8#

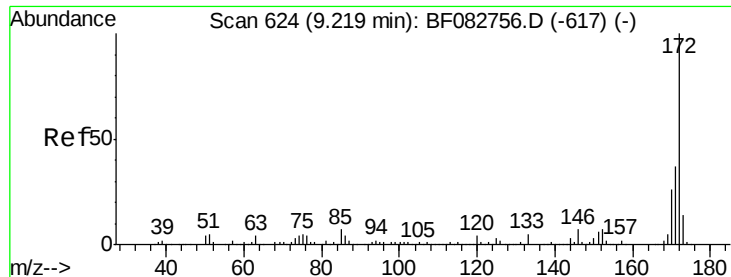


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

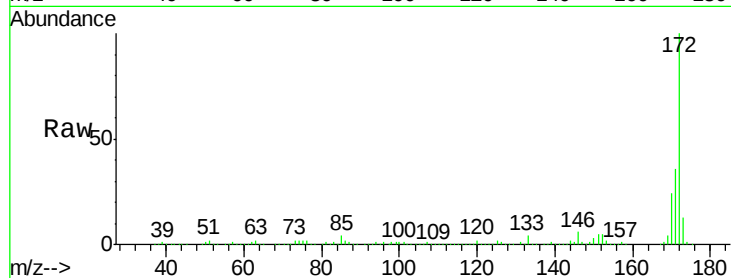




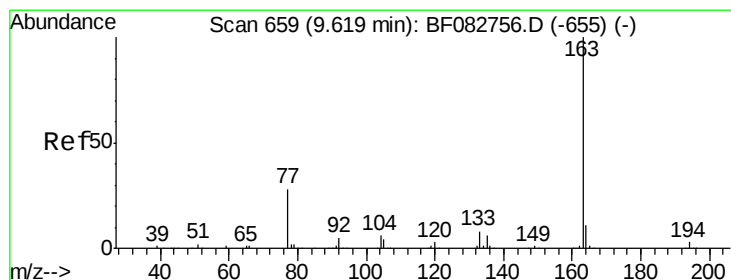
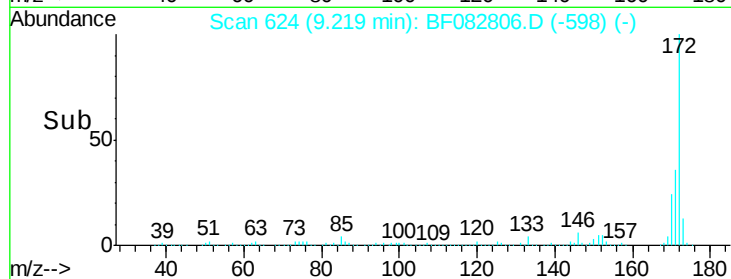
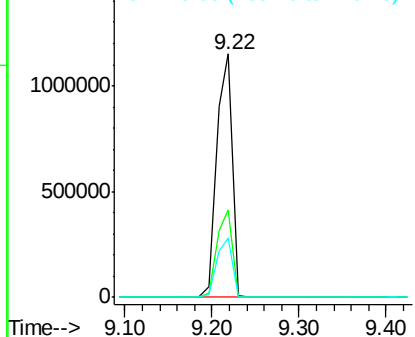
#44
2-Fluorobiphenyl
Concen: 54.30 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF082806.D
Acq: 7 Nov 2015 13:03

Instrument :
BNA_F
ClientSampleId :
WABUT-5(0-2)

Tgt Ion:172 Resp: 1456309
Ion Ratio Lower Upper
172 100
171 35.7 30.8 46.2
170 24.3 21.2 31.8

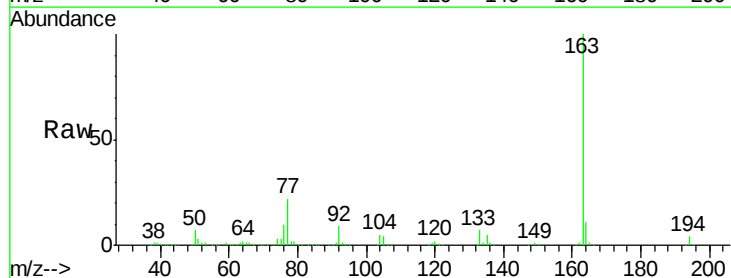


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

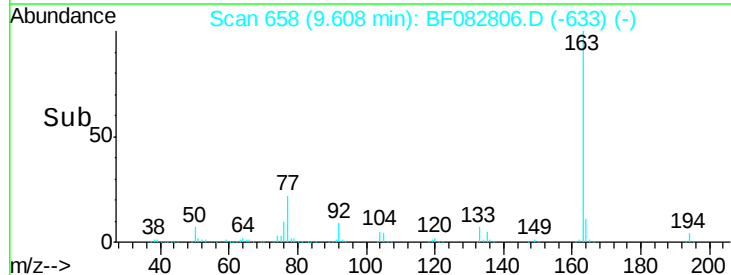
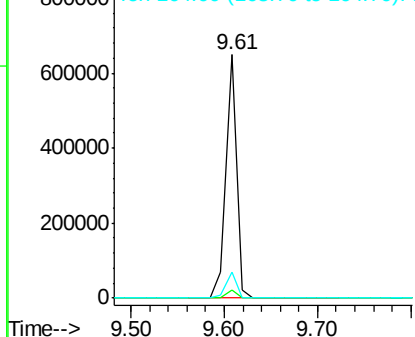


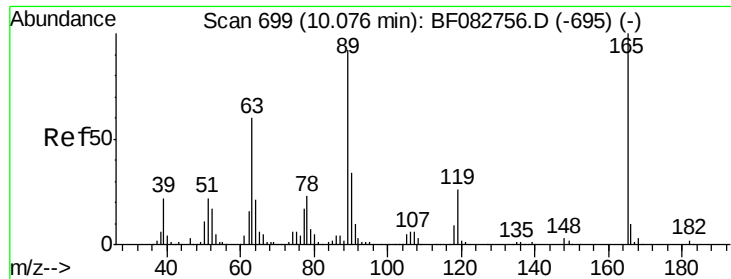
#49
Dimethylphthalate
Concen: 16.28 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082806.D
Acq: 7 Nov 2015 13:03

Tgt Ion:163 Resp: 512750
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.6 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

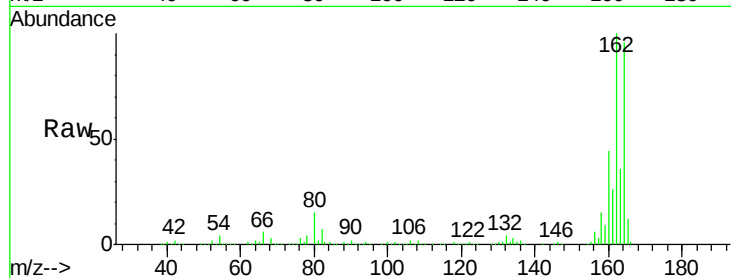




#56
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.18 min
Lab File: BF082806.D
Acq: 7 Nov 2015 13:03

Instrument :
BNA_F
ClientSampleId :
WABUT-5(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.4	70.6	106.0#
182	0.0	1.5	2.3#

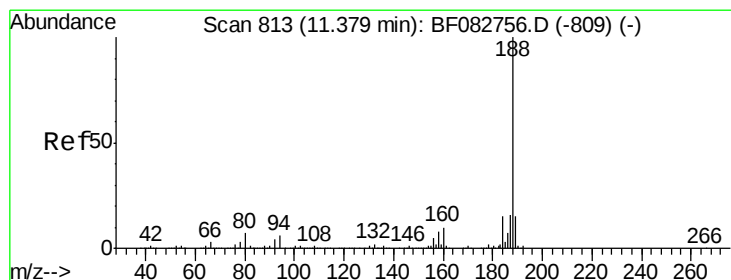
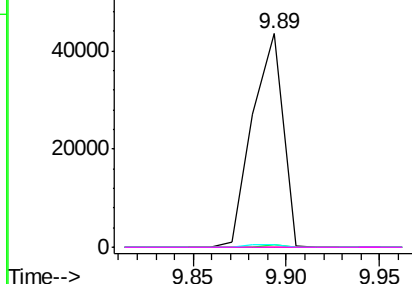
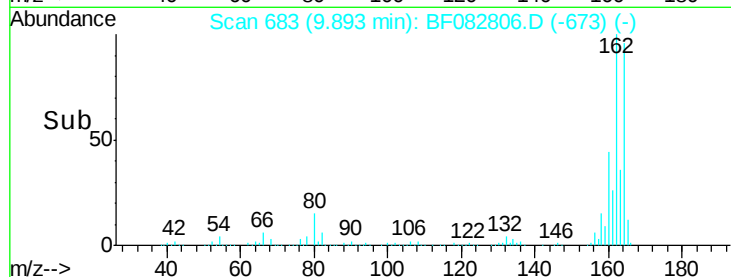


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

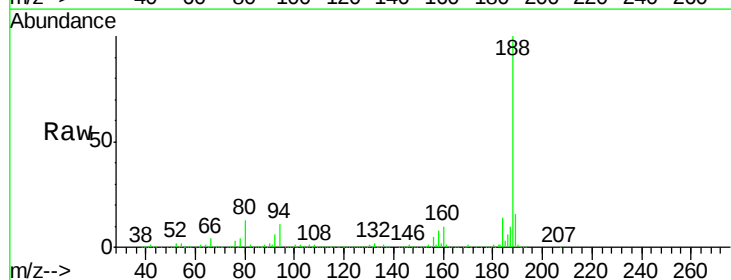
Ion 89.00 (88.70 to 89.70): BF0

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: BF082806.D
Acq: 7 Nov 2015 13:03

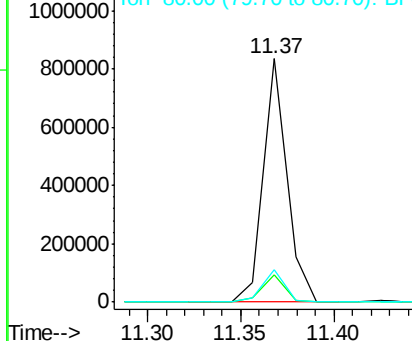
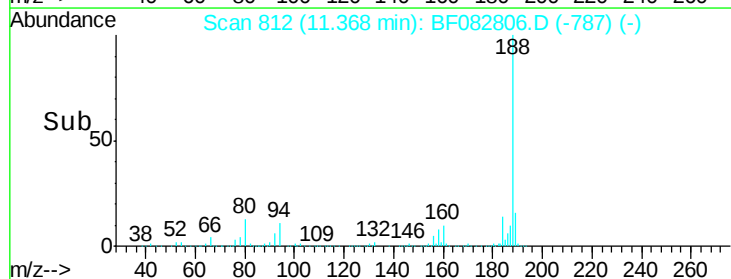
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.1	9.1#
80	13.1	7.0	10.6#

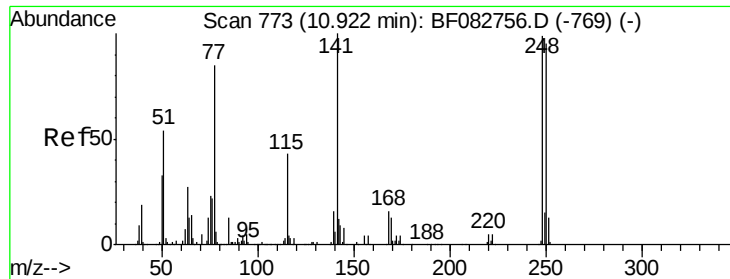


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.59 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082806.D

Acq: 7 Nov 2015 13:03

Instrument :

BNA_F

ClientSampleId :

WABUT-5(0-2)

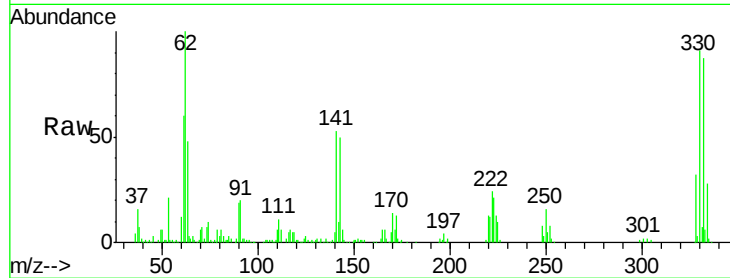
Tgt Ion:248 Resp: 22751

Ion Ratio Lower Upper

248 100

250 186.6 79.4 119.2#

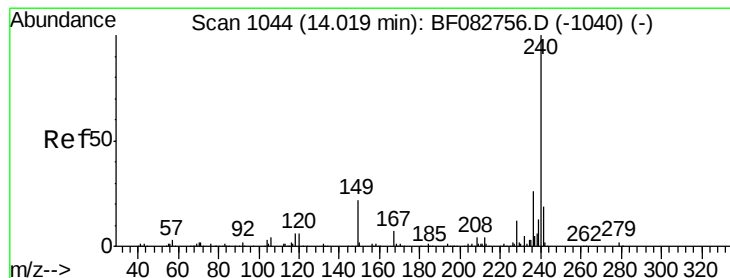
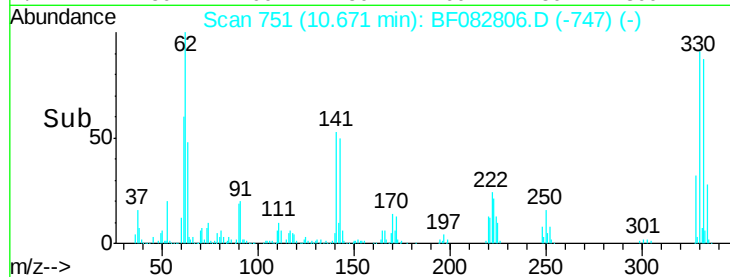
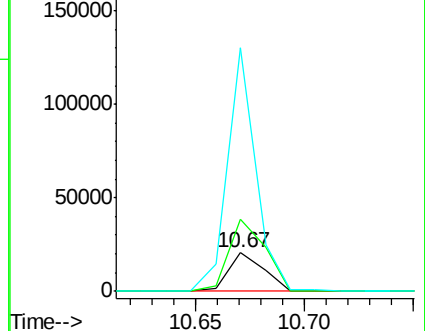
141 634.1 36.3 54.5#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082806.D

Acq: 7 Nov 2015 13:03

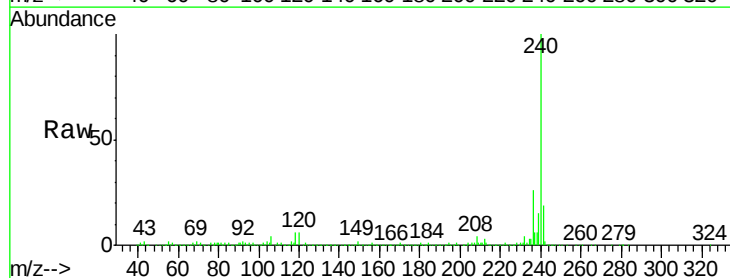
Tgt Ion:240 Resp: 527085

Ion Ratio Lower Upper

240 100

120 6.2 10.9 16.3#

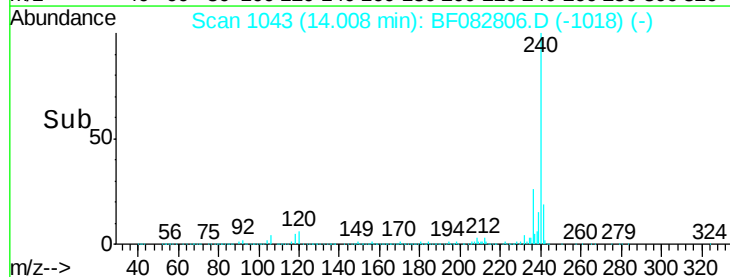
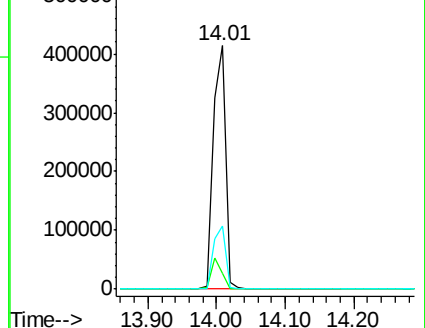
236 25.8 21.6 32.4

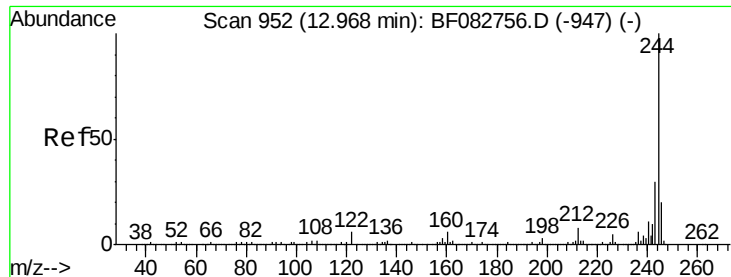


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

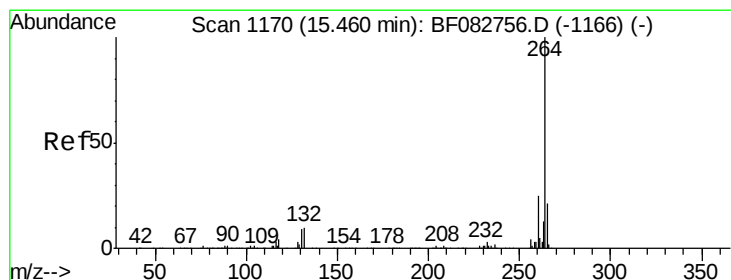
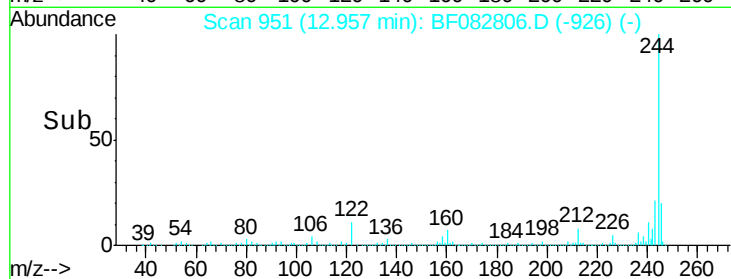
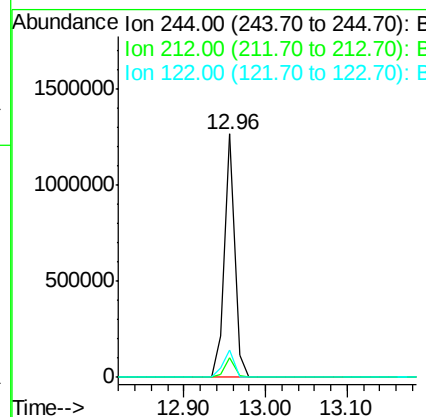
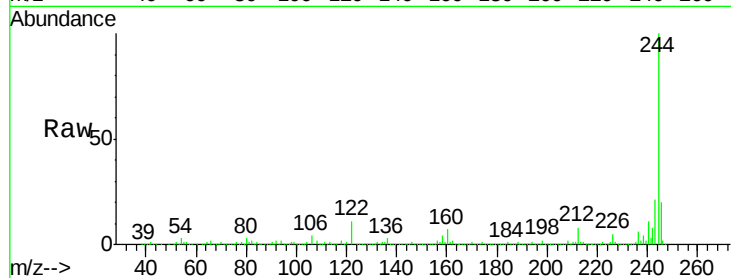




#78
 Terphenyl-d14
 Concen: 49.57 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082806.D
 Acq: 7 Nov 2015 13:03

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-5(0-2)

Tgt Ion:244 Resp: 1101590
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.6 11.4
 122 11.0 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082806.D
 Acq: 7 Nov 2015 13:03

Tgt Ion:264 Resp: 536425
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.2 17.4 26.0

