

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 00:44:11 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

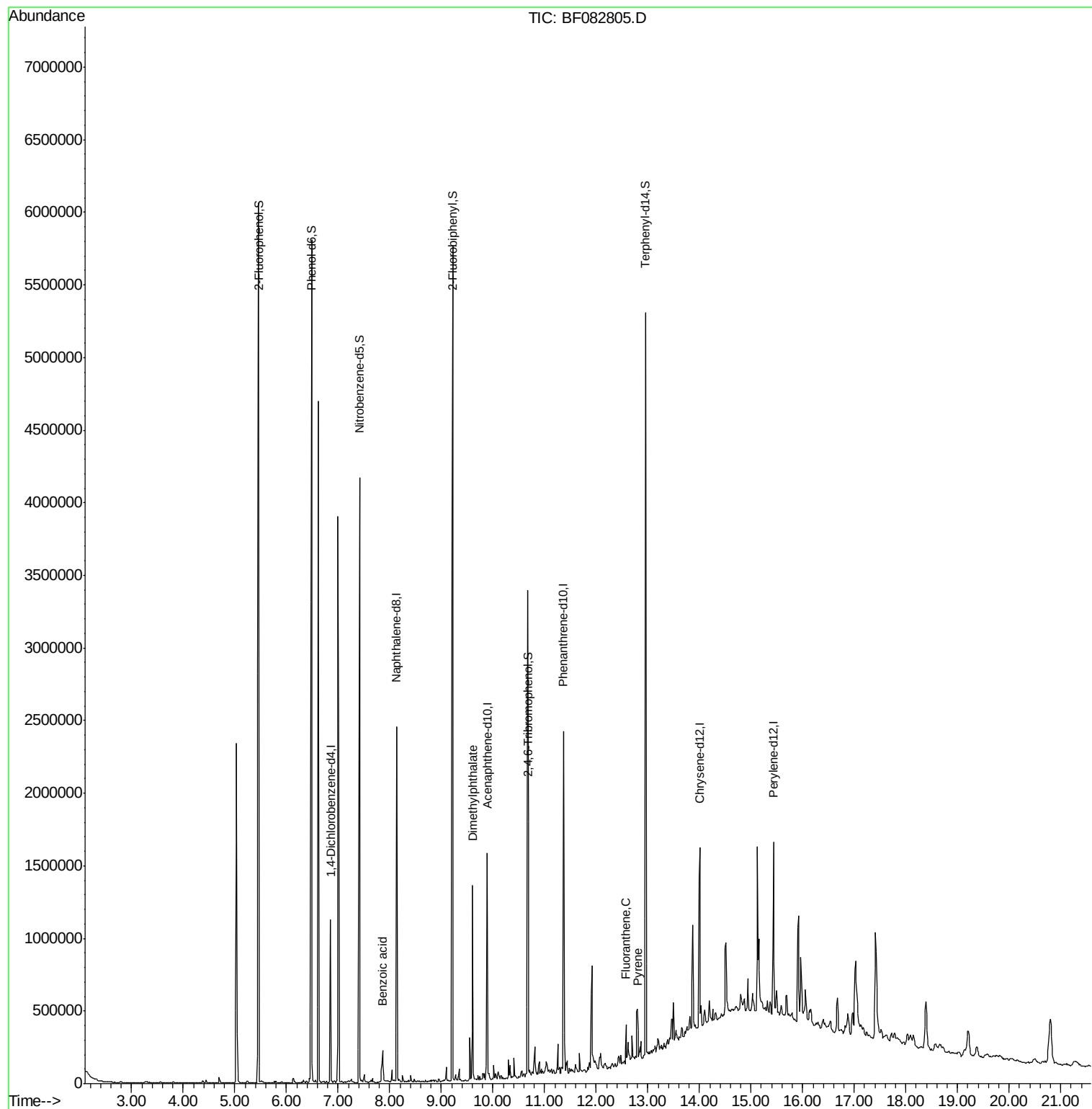
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253552	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	958705	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	449723	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	773805	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	556753	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						Qvalue
32) Benzoic acid	7.86	122	70396	6.08	ng	89
49) Dimethylphthalate	9.61	163	523052	14.20	ng	98
74) Fluoranthene	12.58	202	113643	2.36	ng	96
77) Pyrene	12.81	202	99602	2.61	ng	97

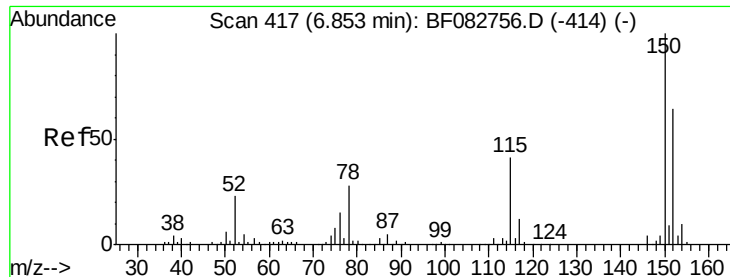
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
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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: BF082805.D

Acq: 7 Nov 2015 12:33

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

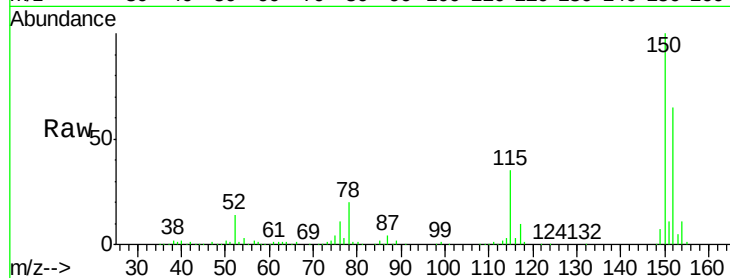
Tot Ion:152 Resp: 253552

Ion Ratio Lower Upper

152 100

150 153.9 127.0 190.4

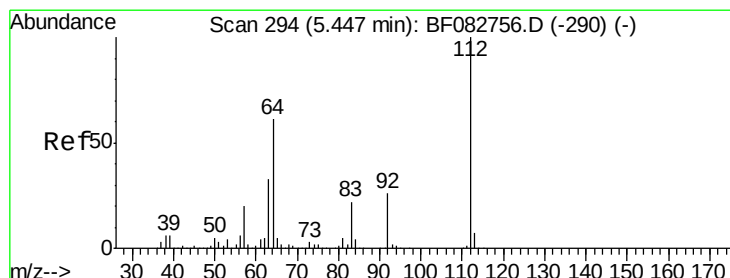
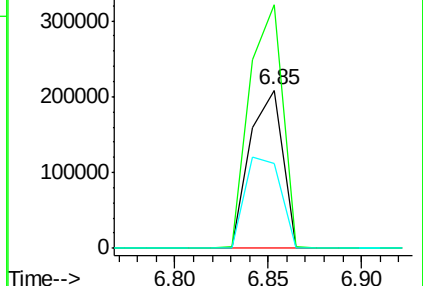
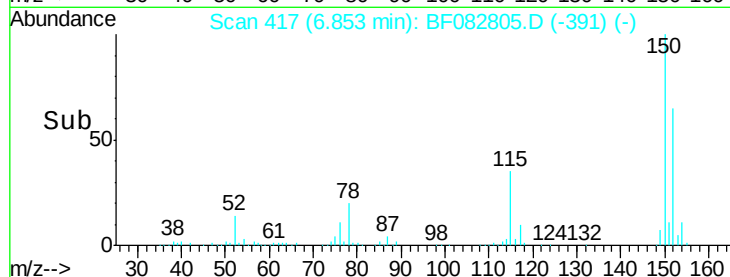
115 54.0 47.0 70.6



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

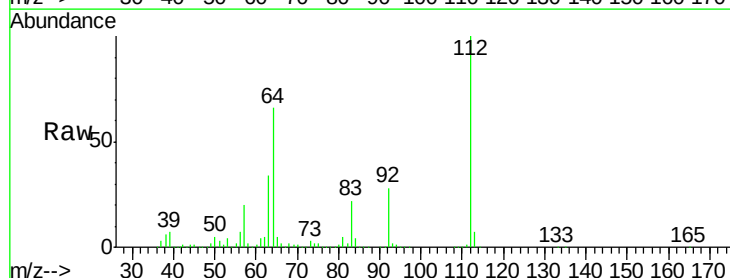
Tgt Ion:112 Resp: 1672551

Ion Ratio Lower Upper

112 100

64 66.2 48.9 73.3

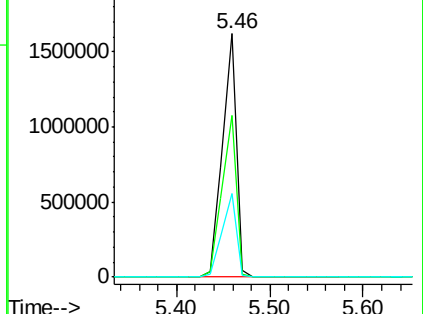
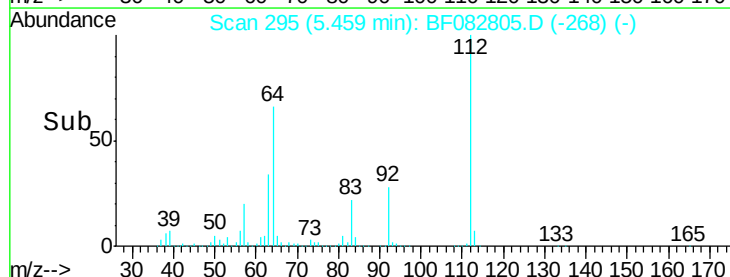
63 34.4 28.1 42.1

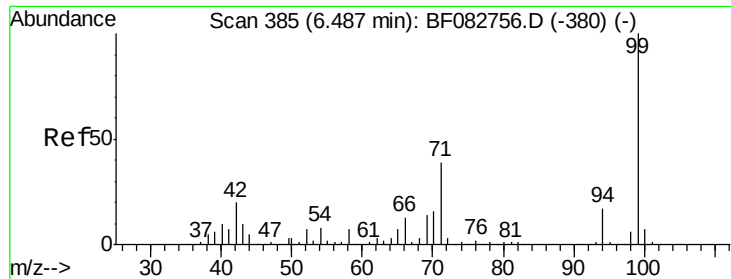


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

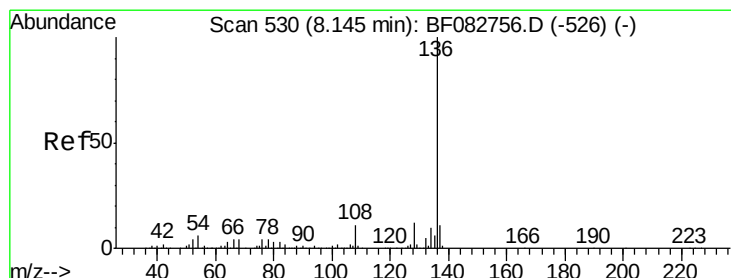
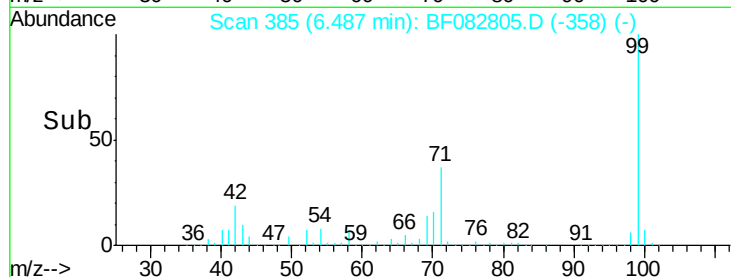
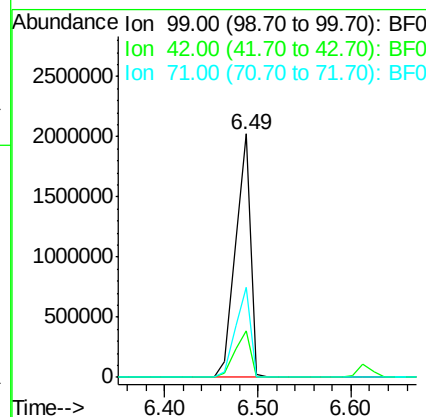
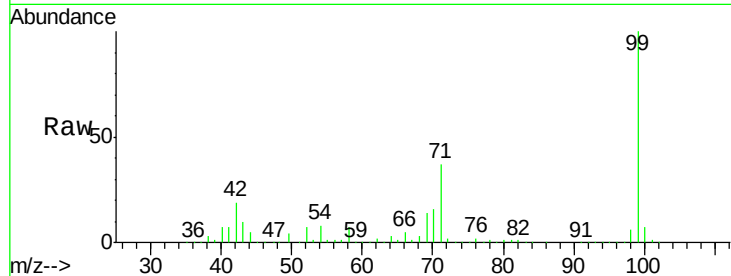
BNA_F

ClientSampleId :

WABUT-10(0-2)

Tot Ion: 99 Resp: 2283451

Ion	Ratio	Lower	Upper
99	100		
42	19.1	19.2	28.8#
71	36.7	35.0	52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

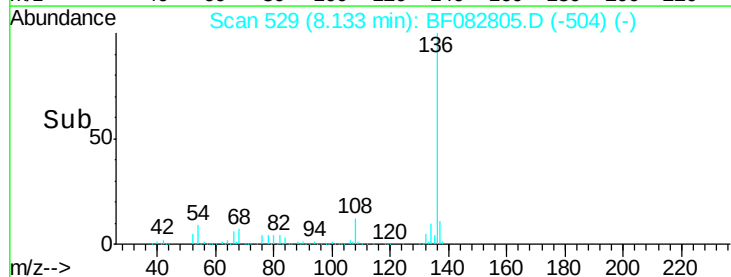
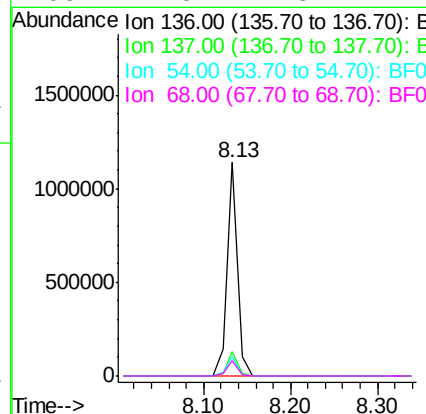
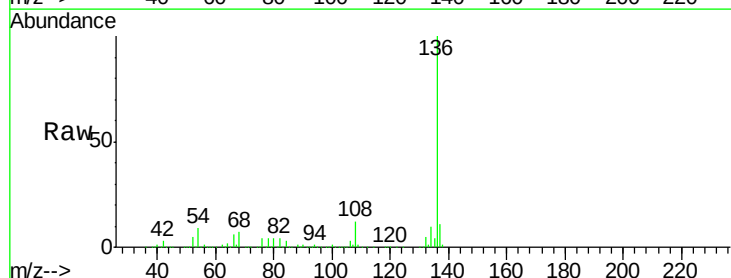
Delta R.T. -0.01 min

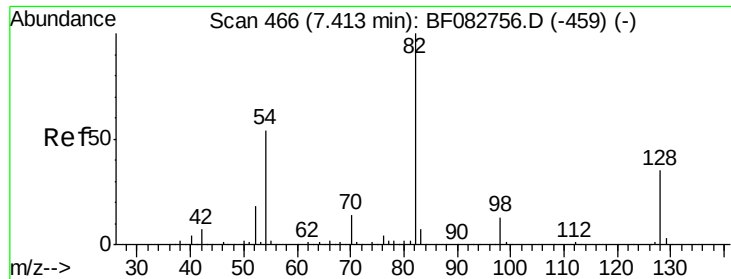
Lab File: BF082805.D

Acq: 7 Nov 2015 12:33

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#

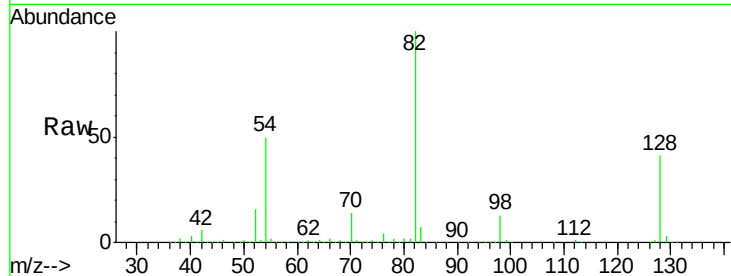




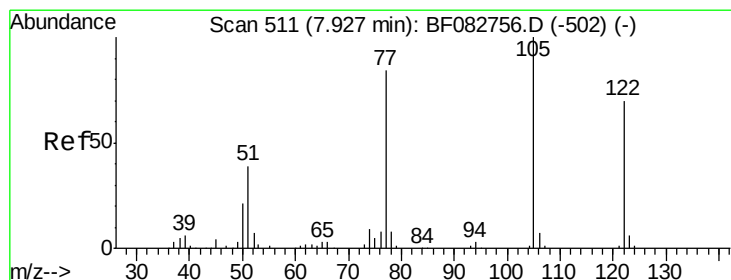
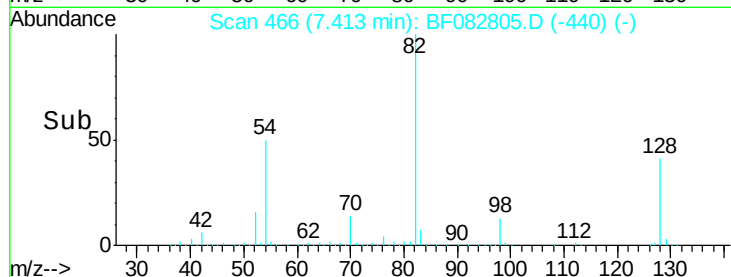
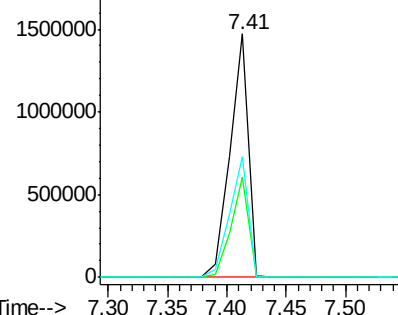
#23
 Nitrobenzene-d5
 Concen: 71.41 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082805.D
 Acq: 7 Nov 2015 12:33

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

Tot Ion: 82 Resp: 1573405
 Ion Ratio Lower Upper
 82 100
 128 41.2 26.8 40.2#
 54 49.6 45.7 68.5

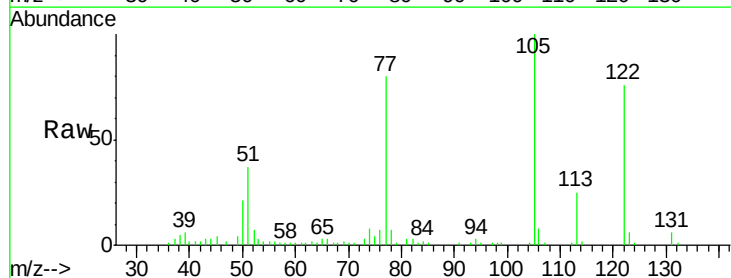


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

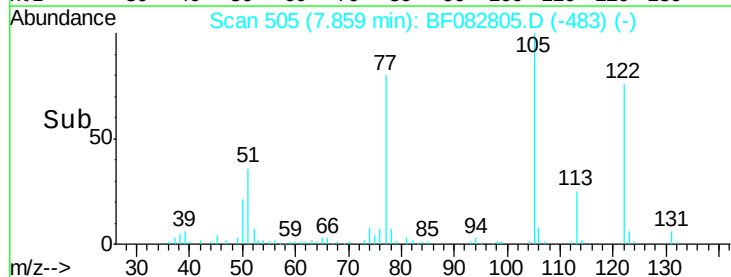
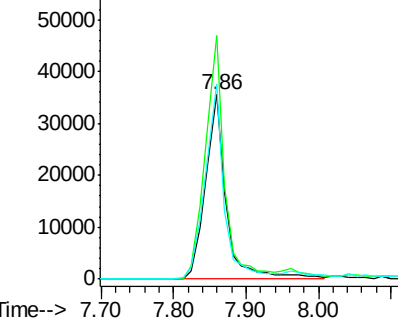


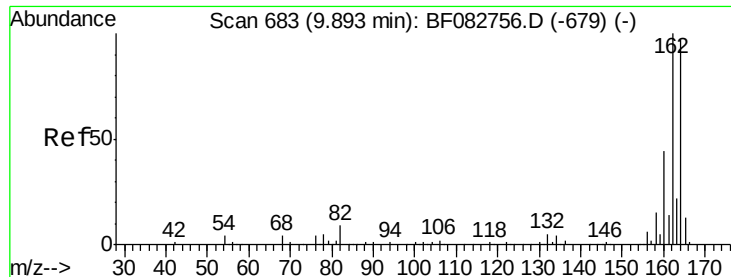
#32
 Benzoic acid
 Concen: 6.08 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.05 min
 Lab File: BF082805.D
 Acq: 7 Nov 2015 12:33

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): B
 Ion 105.00 (104.70 to 105.70): B
 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

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

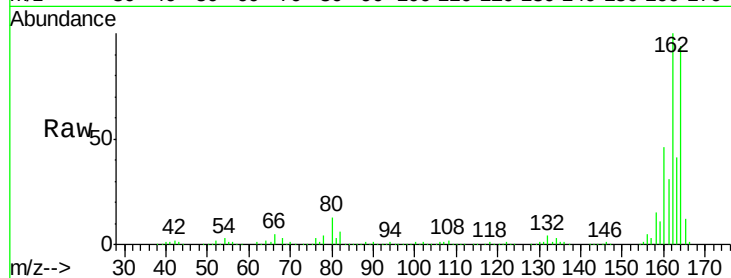
Tot Ion:164 Resp: 449723

Ion Ratio Lower Upper

164 100

162 106.2 84.9 127.3

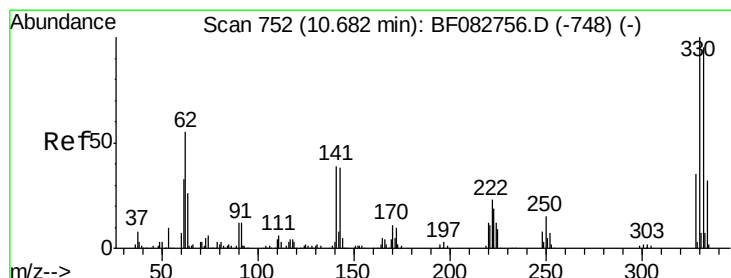
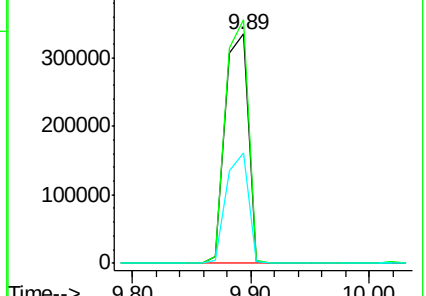
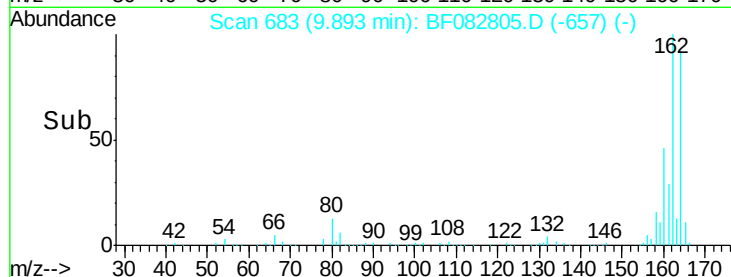
160 48.3 37.5 56.3



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

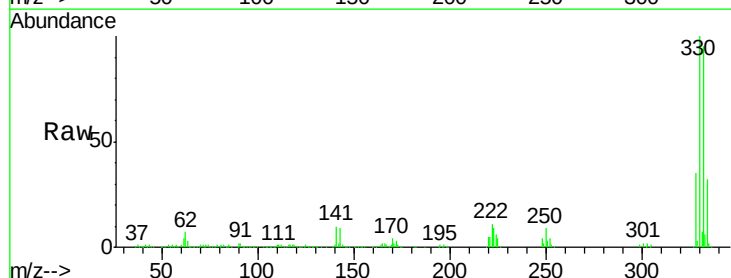
Tgt Ion:330 Resp: 495763

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

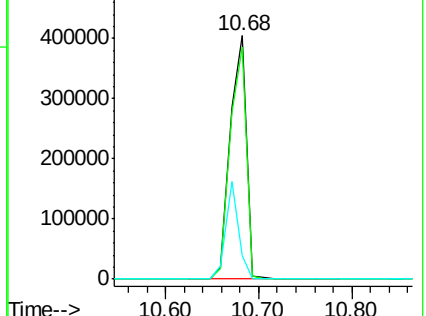
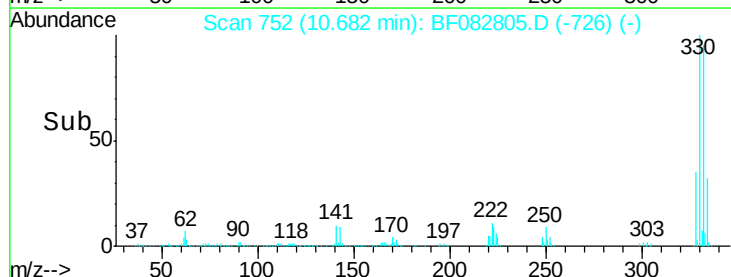
141 31.8 41.2 61.8#

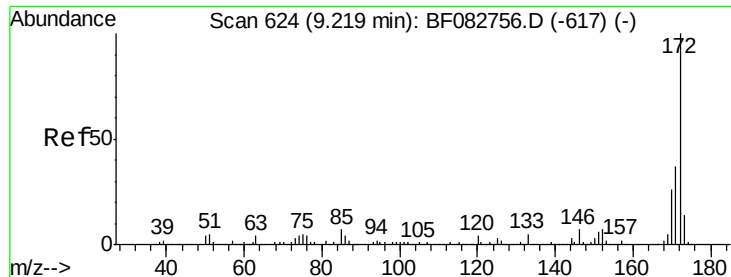


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

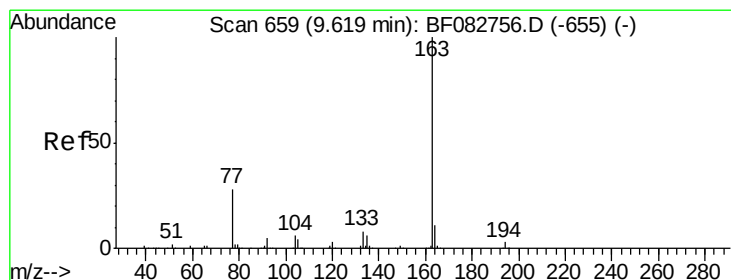
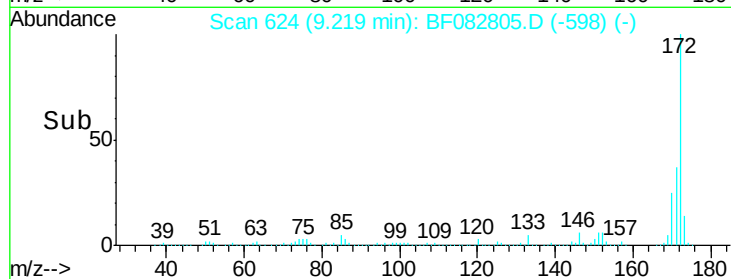
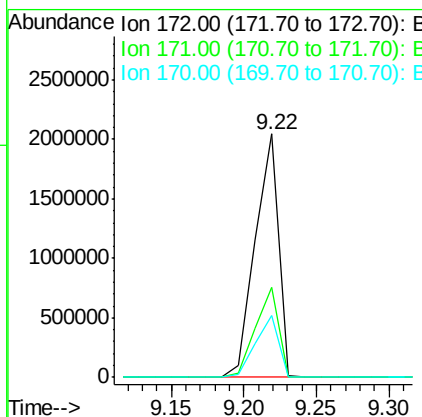
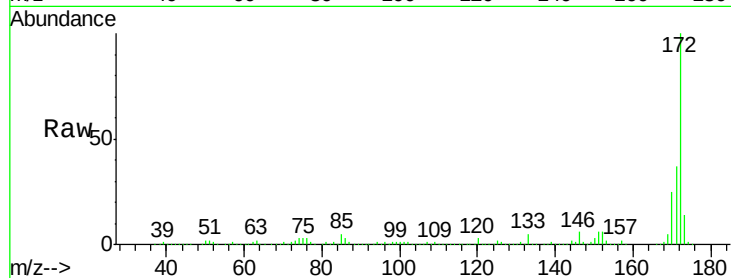




#44
2-Fluorobiphenyl
Concen: 72.45 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF082805.D
Acq: 7 Nov 2015 12:33

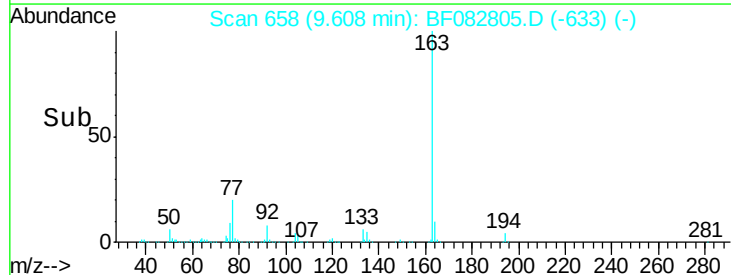
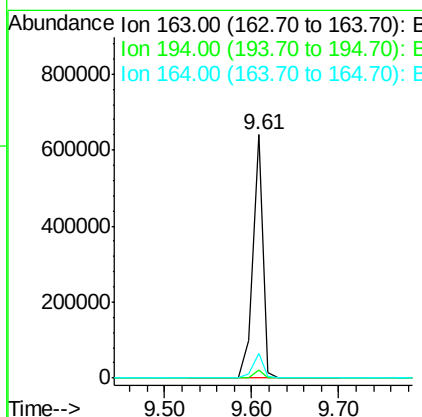
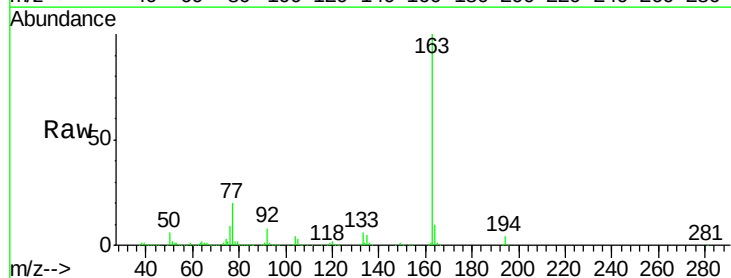
Instrument :
BNA_F
ClientSampleId :
WABUT-10(0-2)

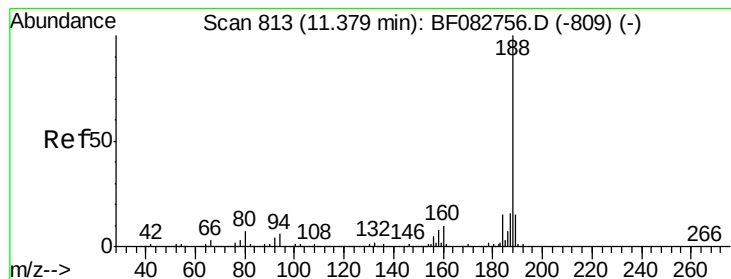
Tot Ion:172 Resp: 2273487
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 25.3 21.2 31.8



#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

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





#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)

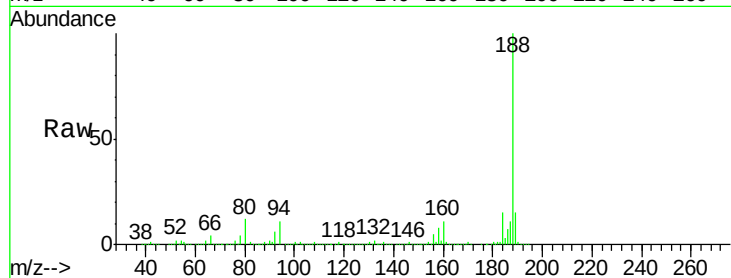
Tot Ion:188 Resp: 773805

Ion Ratio Lower Upper

188 100

94 10.8 6.1 9.1#

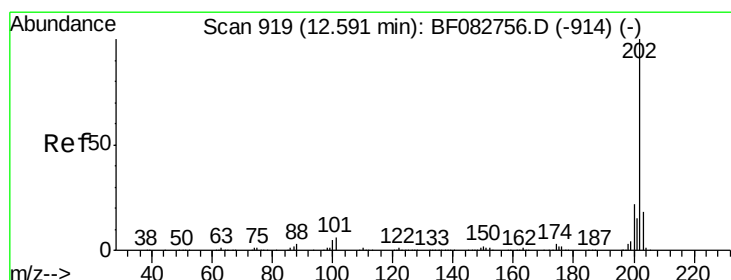
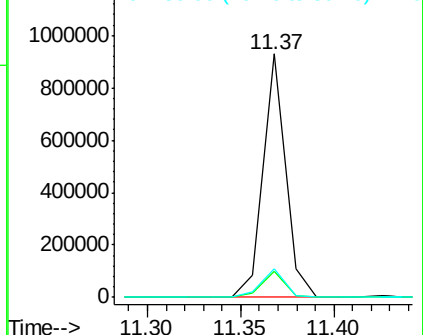
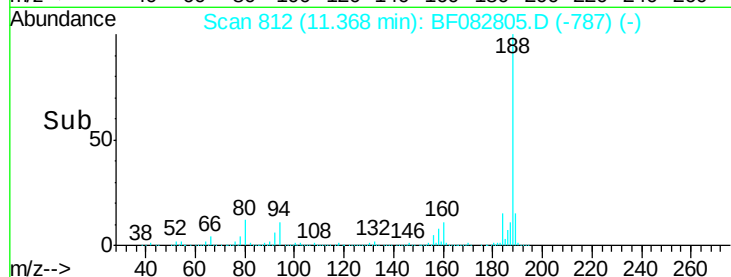
80 11.9 7.0 10.6#



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



#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

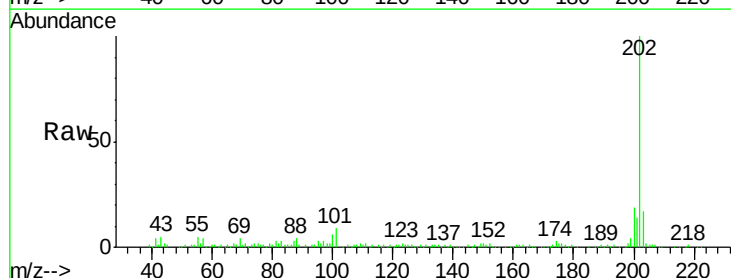
Tgt Ion:202 Resp: 113643

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.5

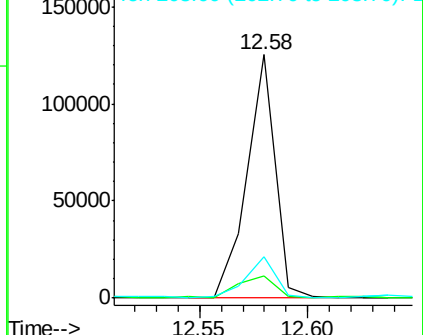
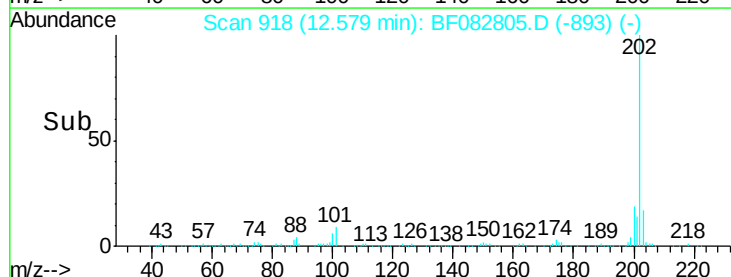
203 17.0 0.0 38.5

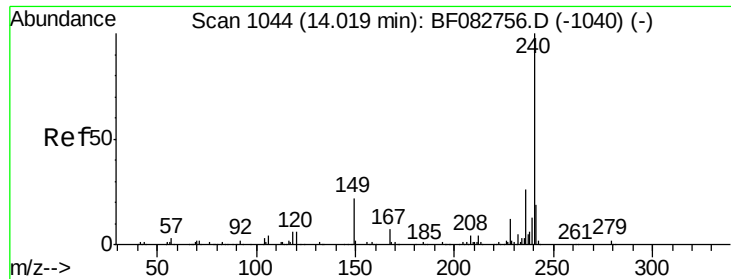


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

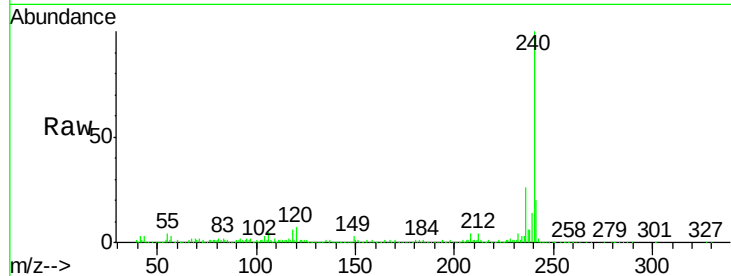
Tot Ion:240 Resp: 556753

Ion Ratio Lower Upper

240 100

120 7.0 10.9 16.3#

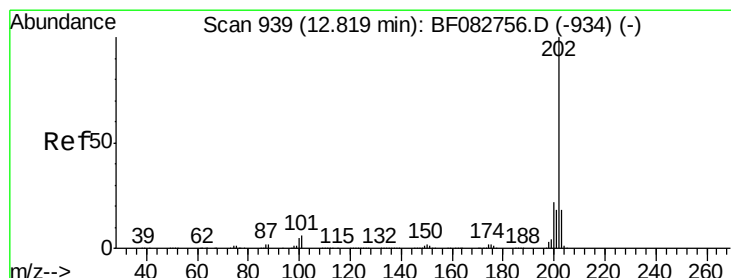
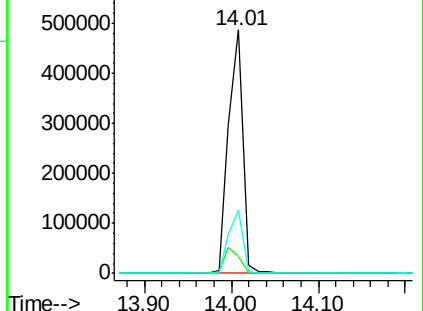
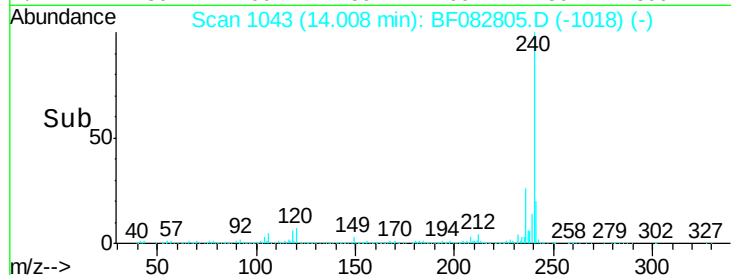
236 25.8 21.6 32.4



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

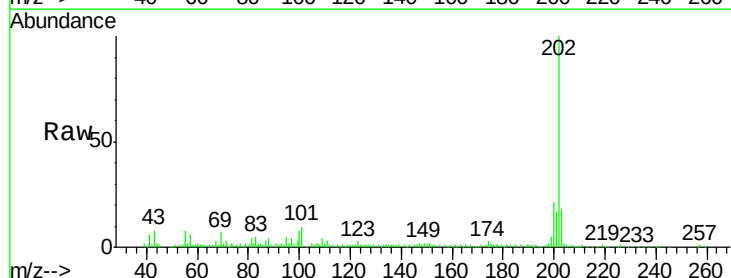
Tgt Ion:202 Resp: 99602

Ion Ratio Lower Upper

202 100

200 21.0 18.7 28.1

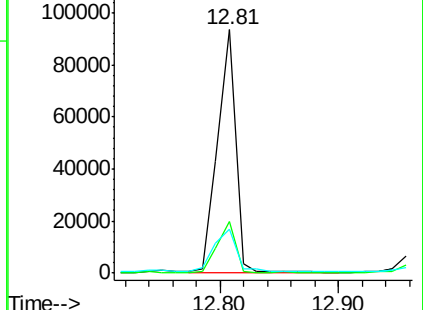
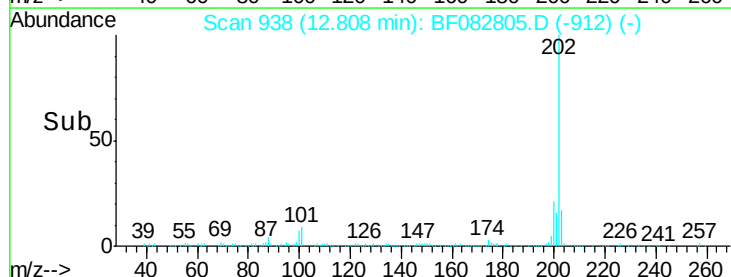
203 17.9 14.8 22.2

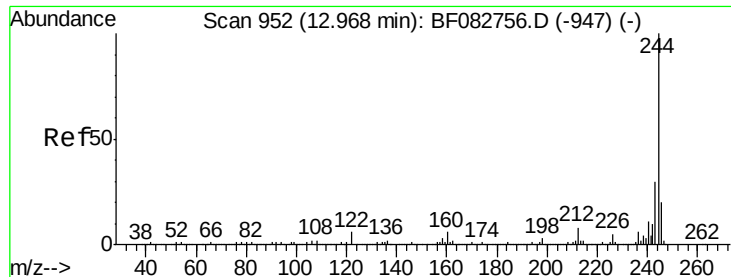


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

WABUT-10(0-2)

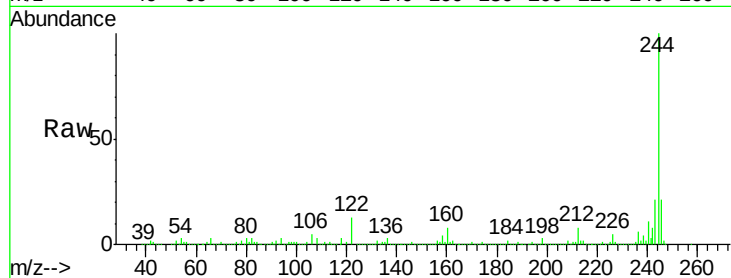
Tot Ion:244 Resp: 1475742

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

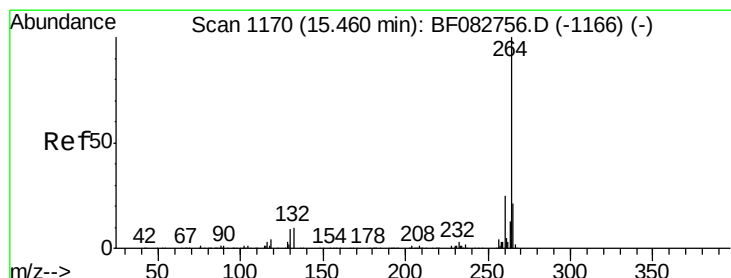
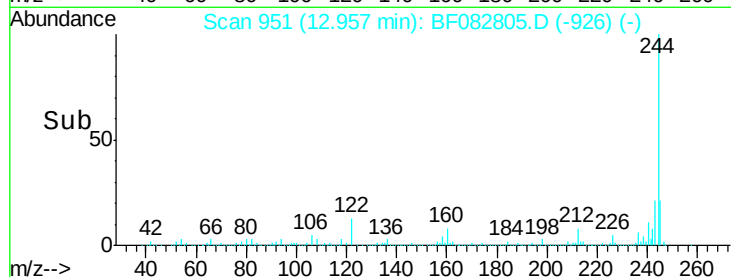
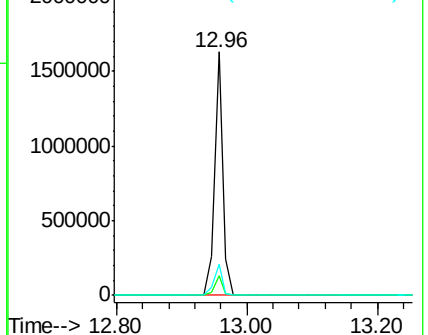
122 13.0 11.3 16.9



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

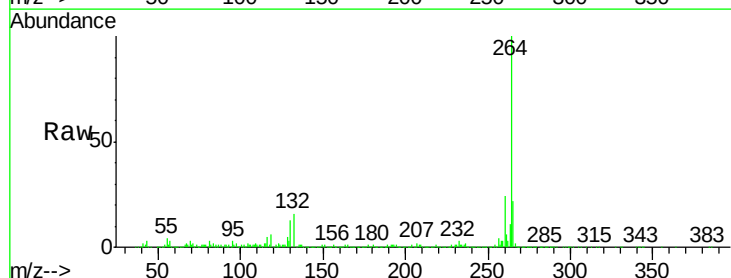
Tgt Ion:264 Resp: 554213

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 22.1 17.4 26.0



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

