

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082804.D
 Acq On : 7 Nov 2015 12:04
 Operator : UM/IZ
 Sample : G4257-17
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-9(0-2)

Quant Time: Nov 09 00:39:42 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

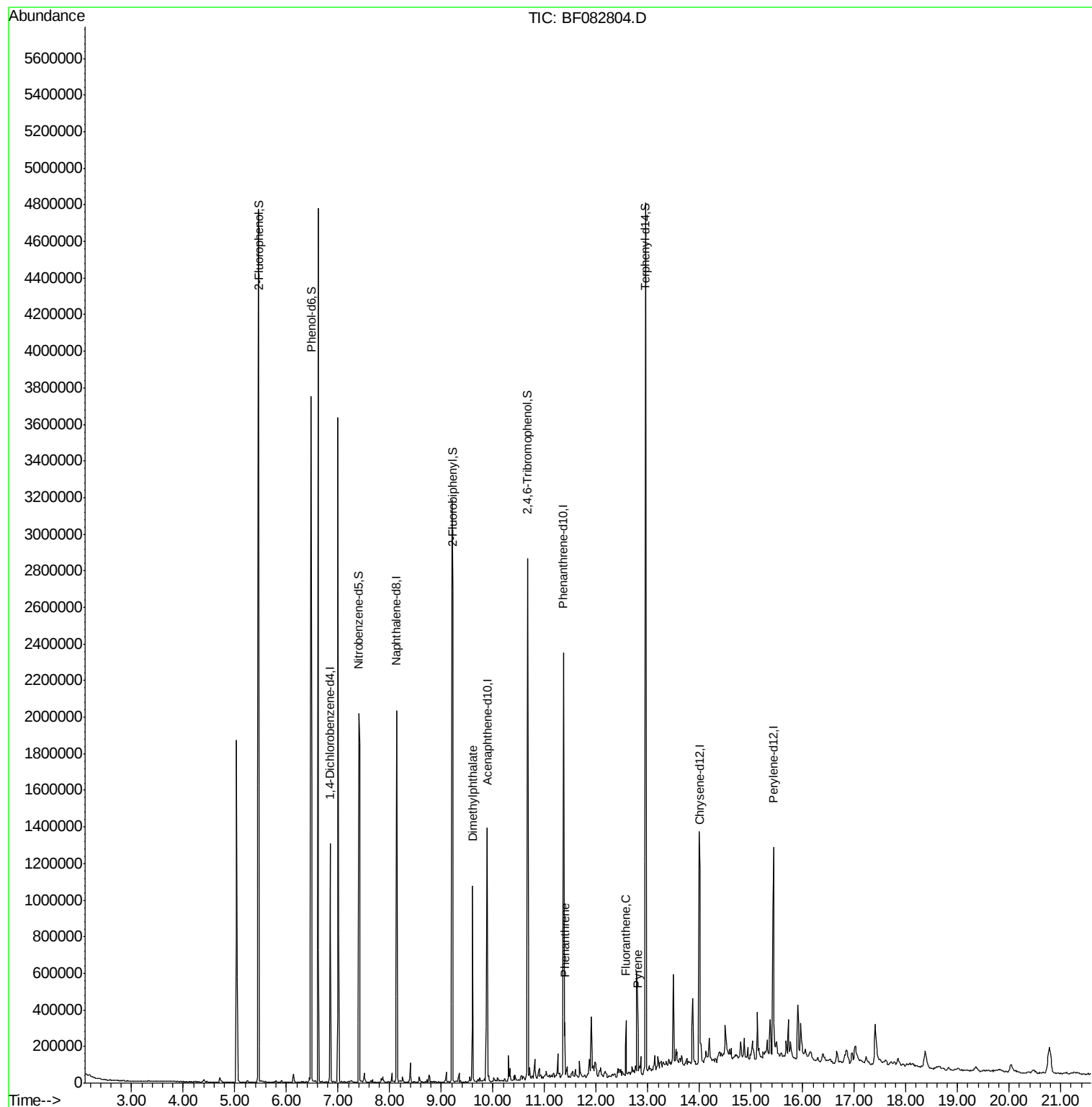
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	238596	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	856790	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	425667	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	773717	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	572378	20.00	ng	-0.01
86) Perylene-d12	15.44	264	581105	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1217821	79.42	ng	0.01
7) Phenol-d6	6.48	99	1536785	75.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	1027747	52.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	327847	67.17	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1464104	49.30	ng	0.00
78) Terphenyl-d14	12.96	244	1379301	57.16	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	442078	12.68	ng	98
70) Phenanthrene	11.39	178	102239	2.28	ng	96
74) Fluoranthene	12.58	202	141673	2.94	ng	94
77) Pyrene	12.81	202	124482	3.17	ng	94

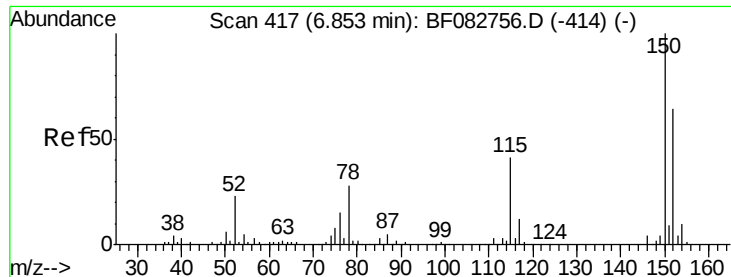
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

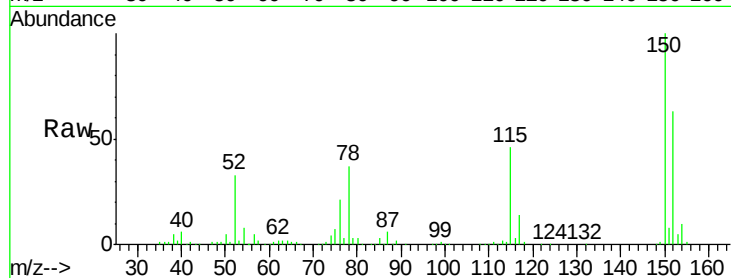
Tot Ion:152 Resp: 238596

Ion Ratio Lower Upper

152 100

150 158.8 127.0 190.4

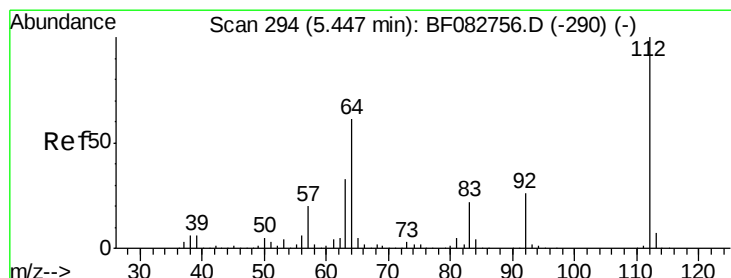
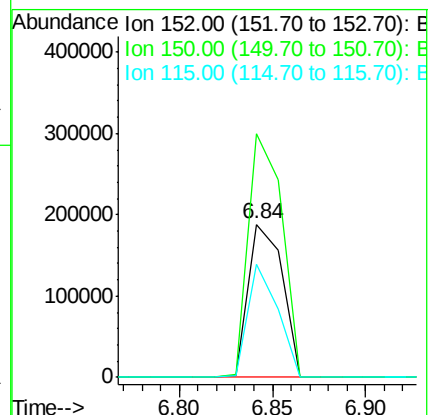
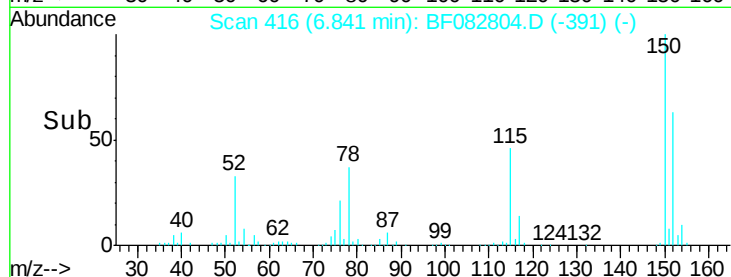
115 73.4 47.0 70.6#



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: 79.42 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

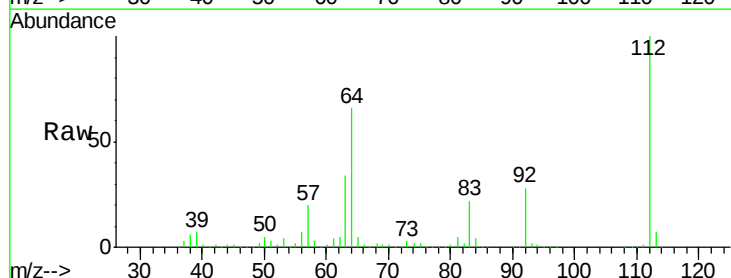
Tgt Ion:112 Resp: 1217821

Ion Ratio Lower Upper

112 100

64 65.8 48.9 73.3

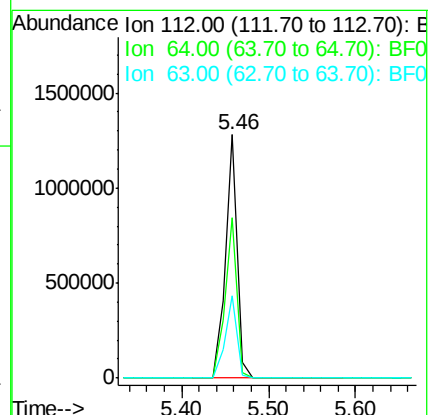
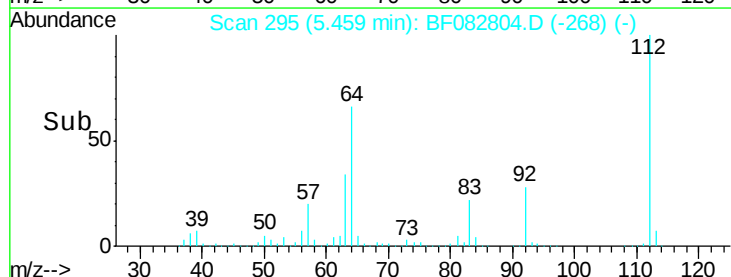
63 33.9 28.1 42.1

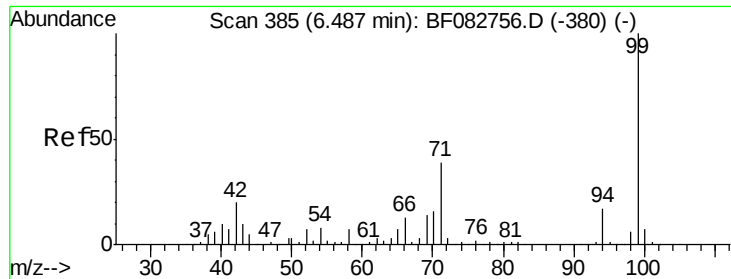


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.38 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

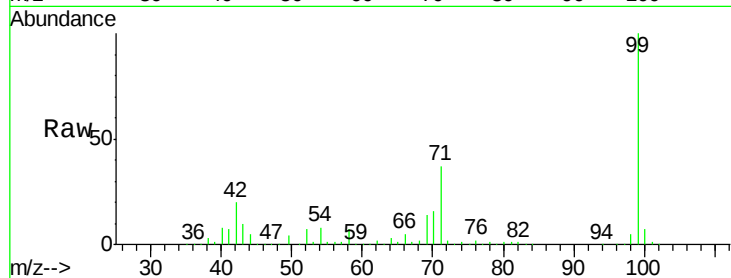
Tot Ion: 99 Resp: 1536785

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

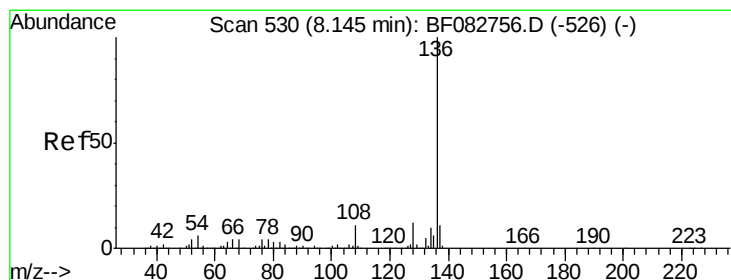
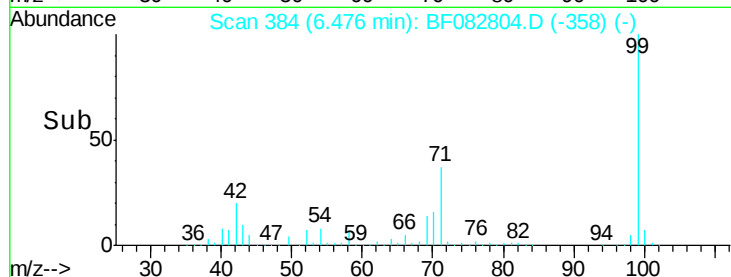
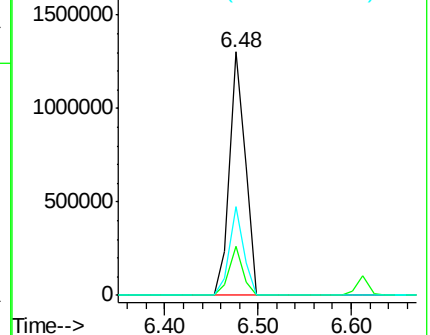
71 36.5 35.0 52.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Tgt Ion: 136 Resp: 856790

Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 9.1 13.7#

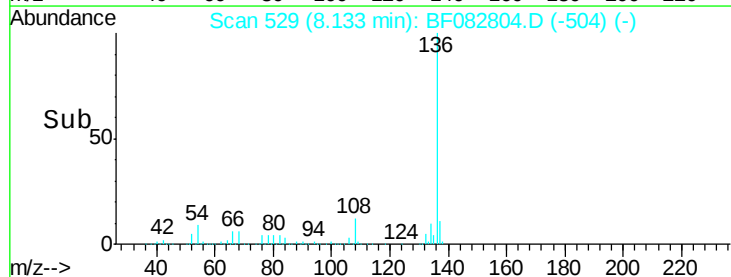
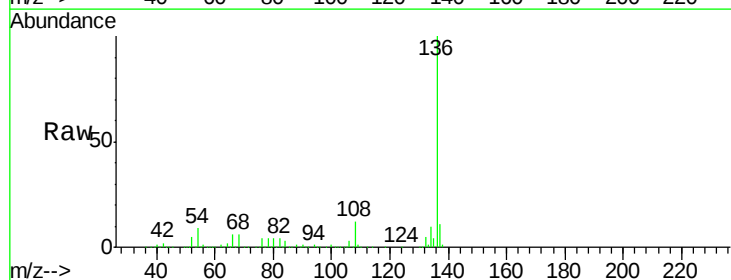
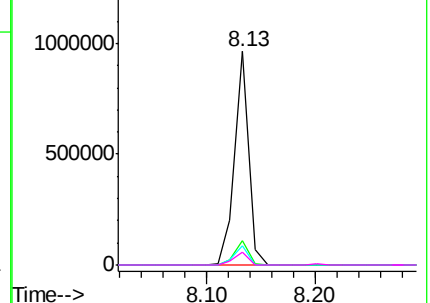
68 6.2 4.8 7.2

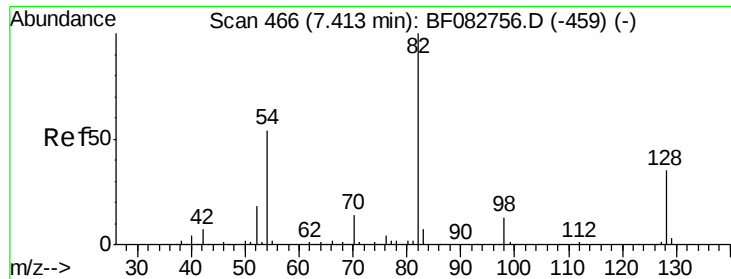
Abundance Ion 136.00 (135.70 to 136.70): E

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



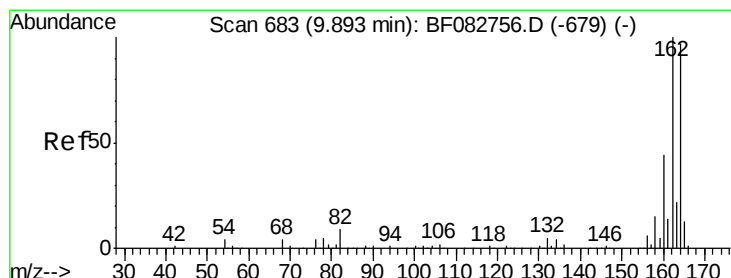
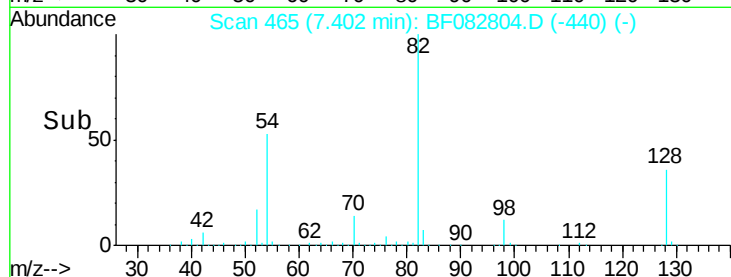
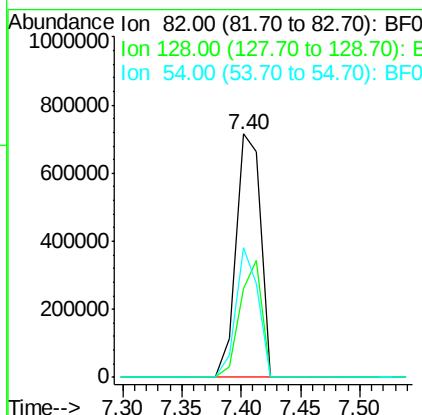
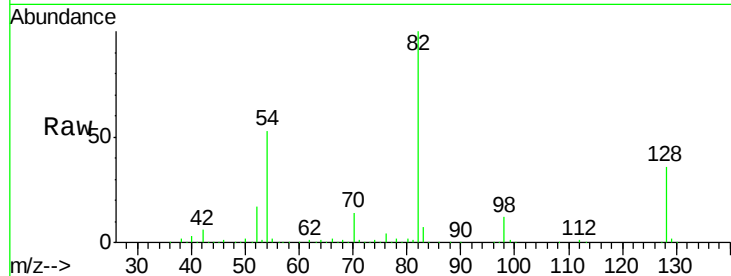


#23
 Nitrobenzene-d5
 Concen: 52.19 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082804.D
 Acq: 7 Nov 2015 12:04

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-9(0-2)

Tot Ion: 82 Resp: 1027747

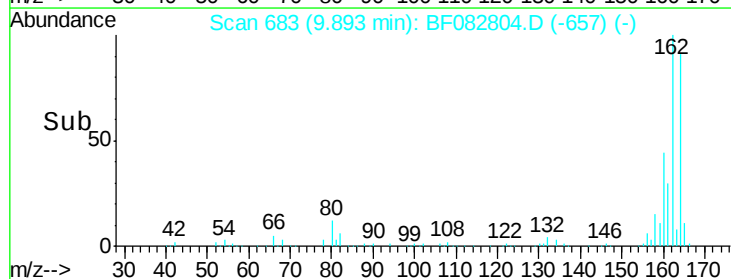
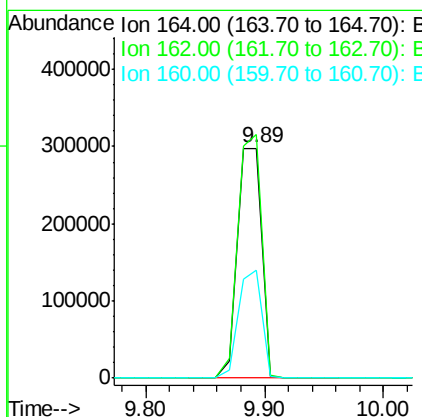
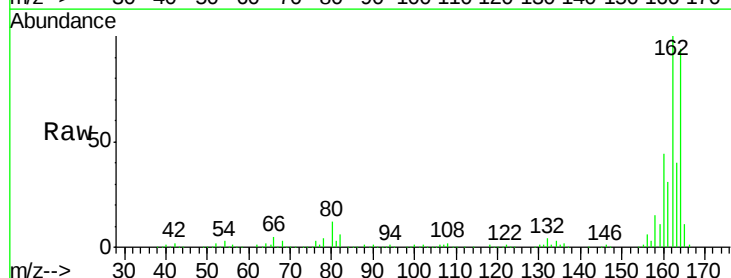
Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.8	40.2
54	53.2	45.7	68.5

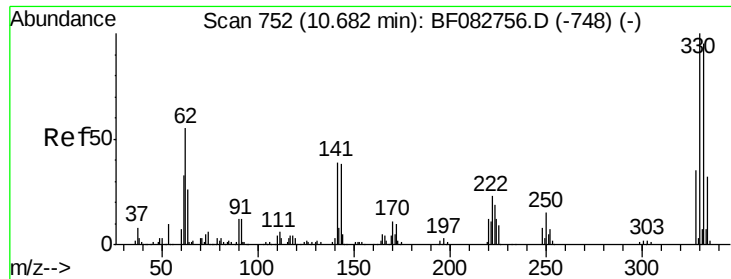


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082804.D
 Acq: 7 Nov 2015 12:04

Tgt Ion: 164 Resp: 425667

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.9	127.3
160	46.8	37.5	56.3

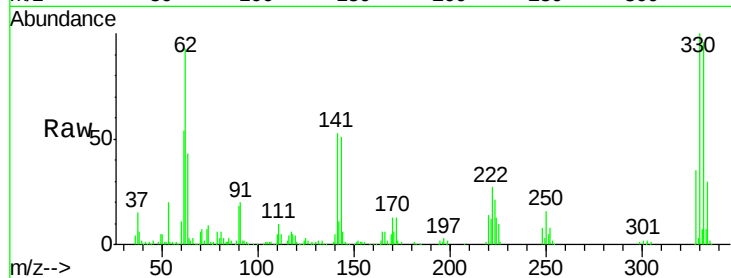




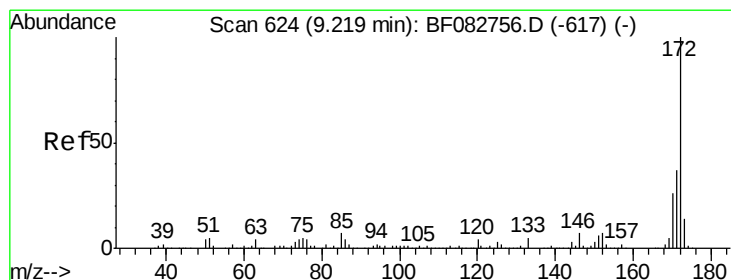
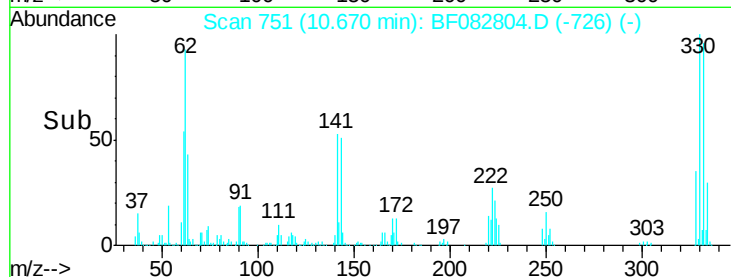
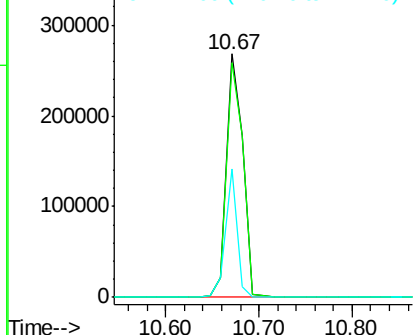
#41
 2,4,6-Tribromophenol
 Concen: 67.17 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082804.D
 Acq: 7 Nov 2015 12:04

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-9(0-2)

Tot Ion:330 Resp: 327847
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 37.5 41.2 61.8#

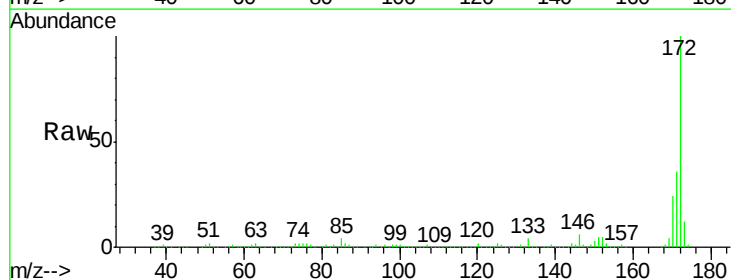


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

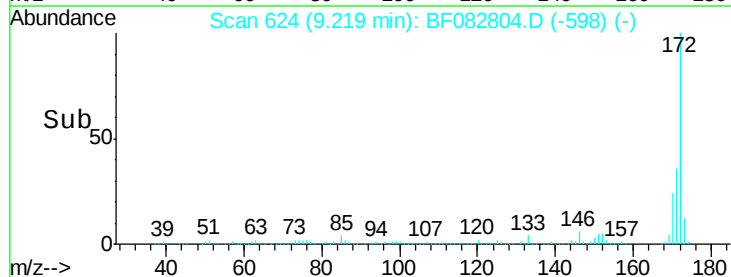
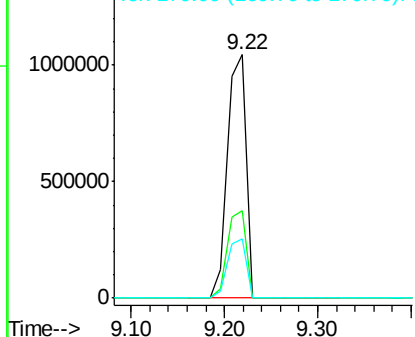


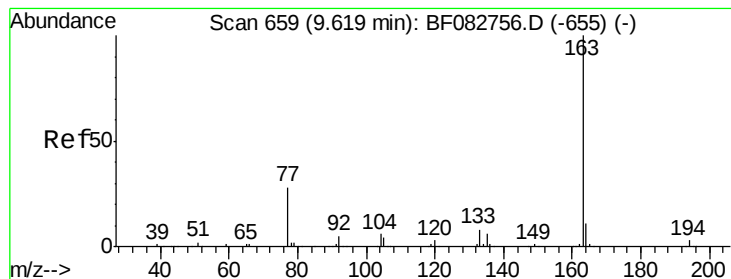
#44
 2-Fluorobiphenyl
 Concen: 49.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082804.D
 Acq: 7 Nov 2015 12:04

Tgt Ion:172 Resp: 1464104
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 12.68 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

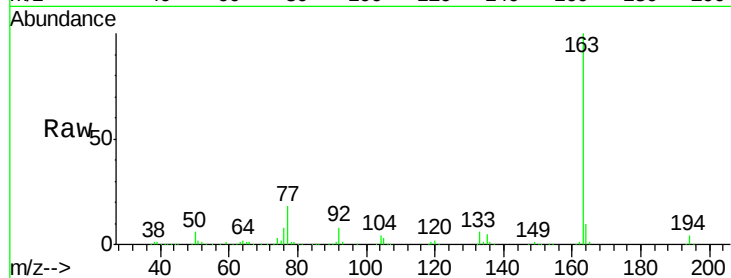
Tot Ion:163 Resp: 442078

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

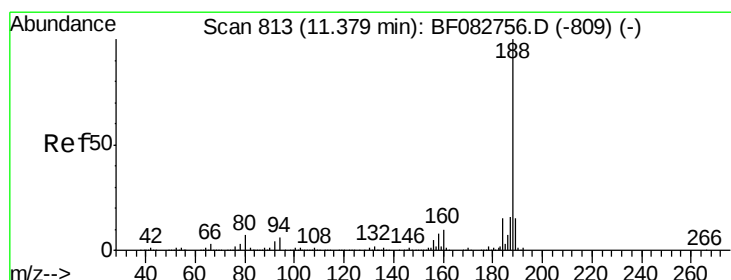
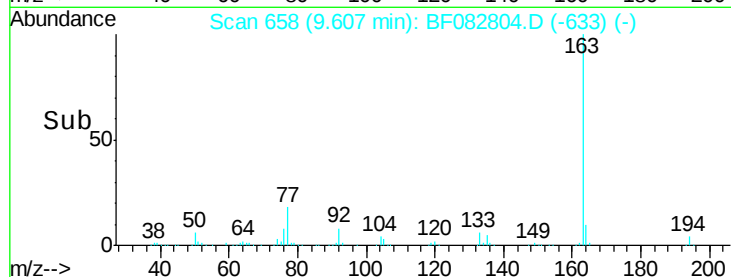
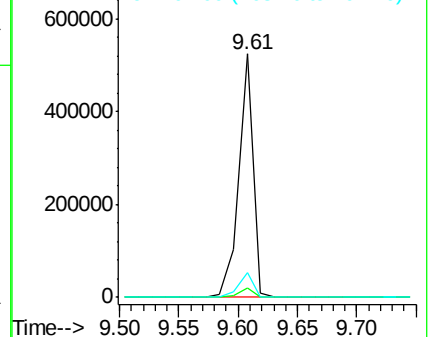
164 9.9 8.7 13.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

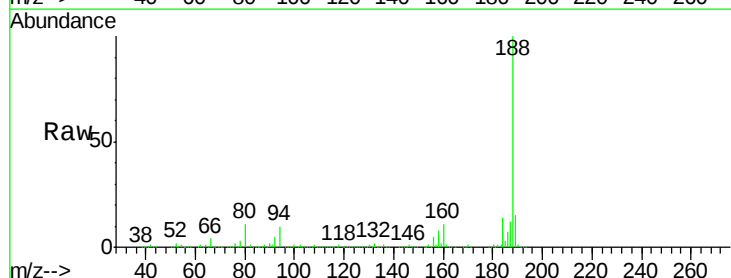
Tgt Ion:188 Resp: 773717

Ion Ratio Lower Upper

188 100

94 9.7 6.1 9.1#

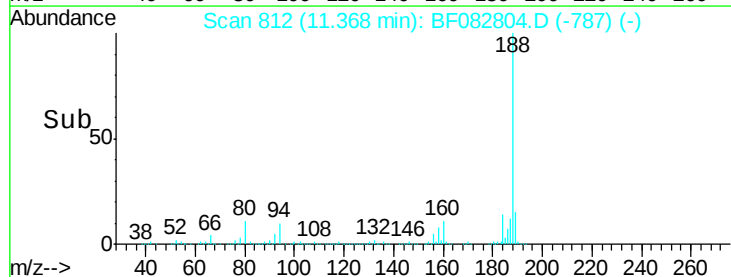
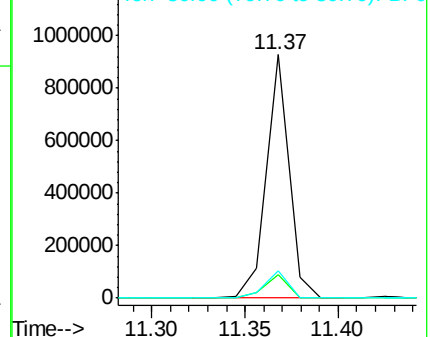
80 11.2 7.0 10.6#

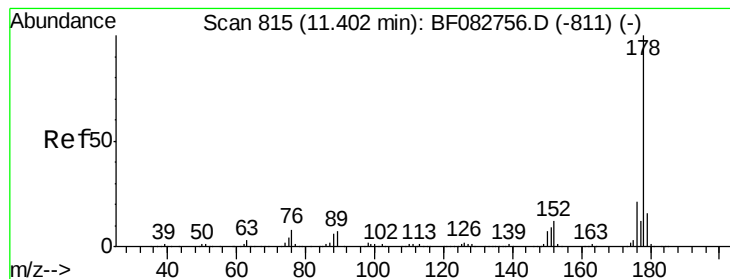


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.28 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

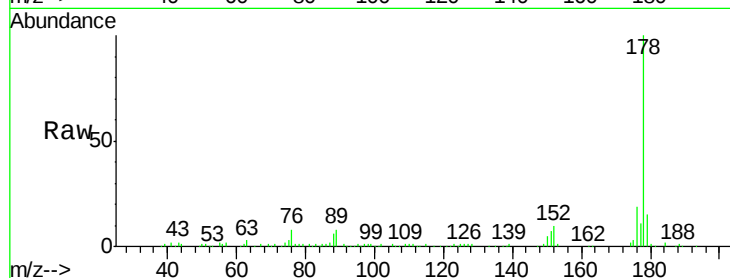
BNA_F

ClientSampleId :

WABUT-9(0-2)

Tot Ion:178 Resp: 102239

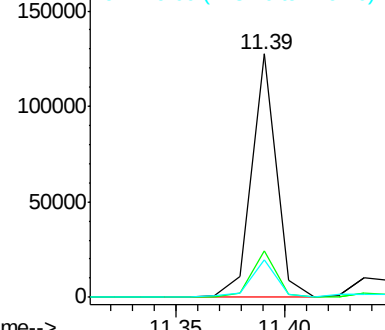
Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.0	25.4
179	15.3	13.4	20.0



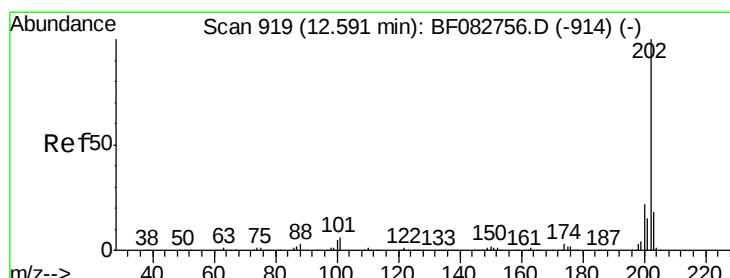
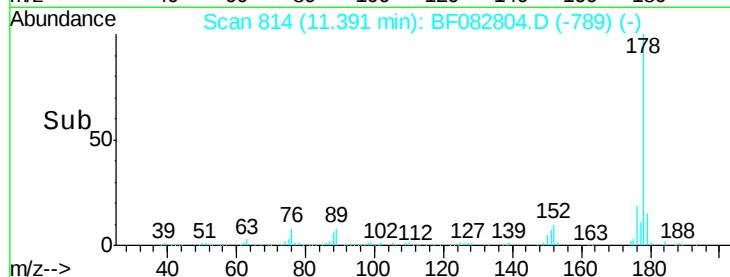
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 2.94 ng

RT: 12.58 min Scan# 918

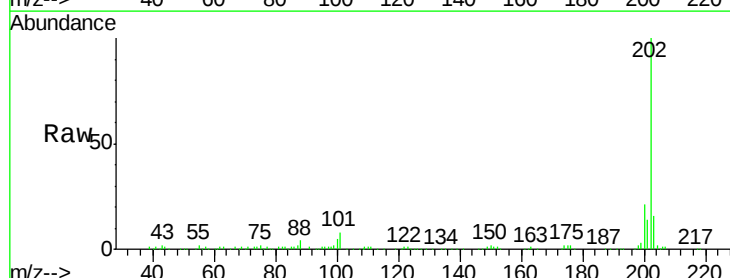
Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Tgt Ion:202 Resp: 141673

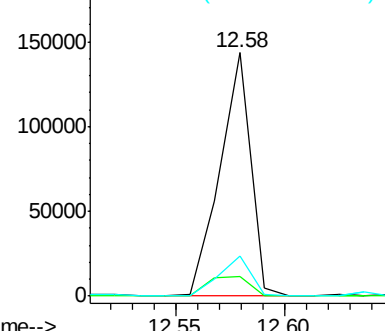
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.5
203	16.4	0.0	38.5



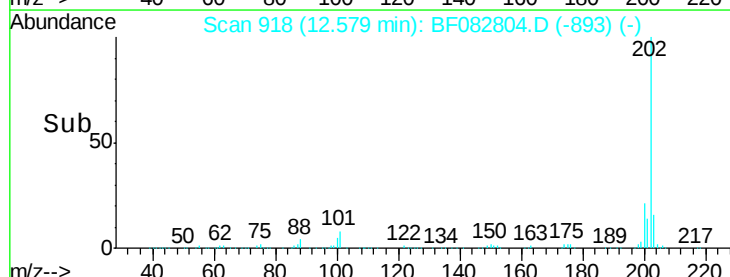
Abundance Ion 202.00 (201.70 to 202.70): E

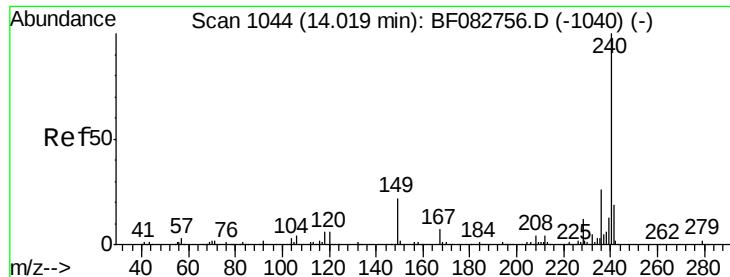
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

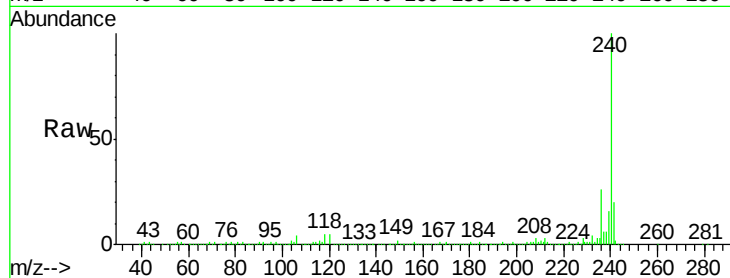
Tot Ion:240 Resp: 572378

Ion Ratio Lower Upper

240 100

120 5.4 10.9 16.3#

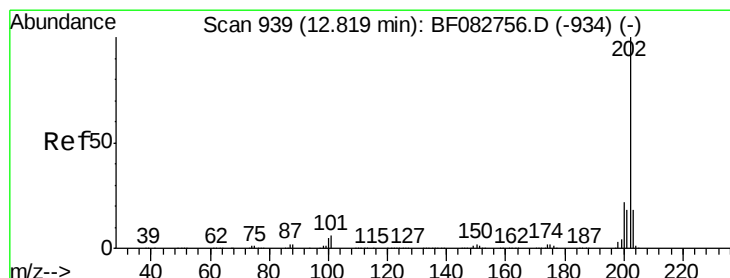
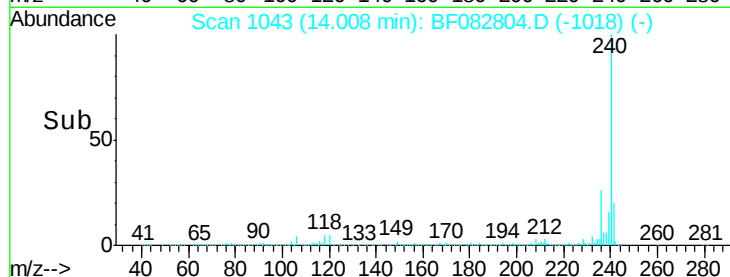
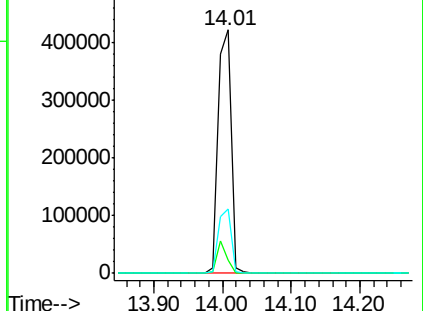
236 26.2 21.6 32.4



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: 3.17 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

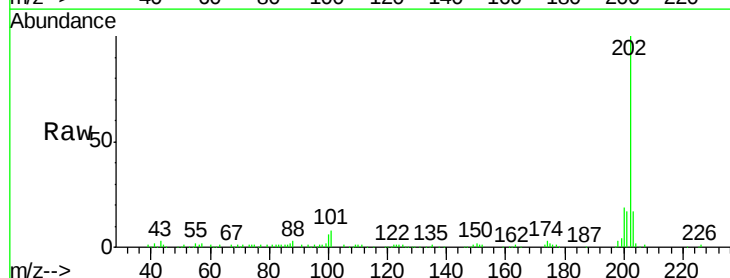
Tgt Ion:202 Resp: 124482

Ion Ratio Lower Upper

202 100

200 19.4 18.7 28.1

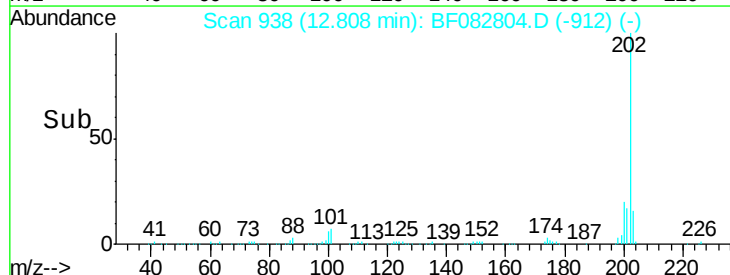
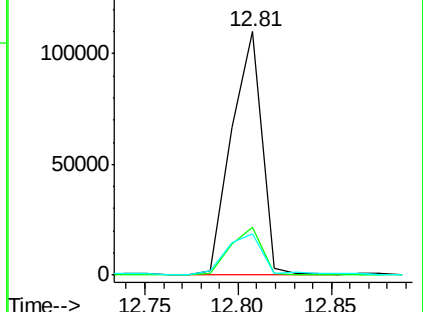
203 17.0 14.8 22.2

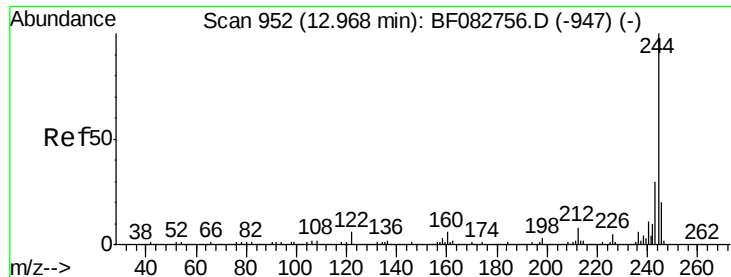


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 57.16 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082804.D

Acq: 7 Nov 2015 12:04

Instrument :

BNA_F

ClientSampleId :

WABUT-9(0-2)

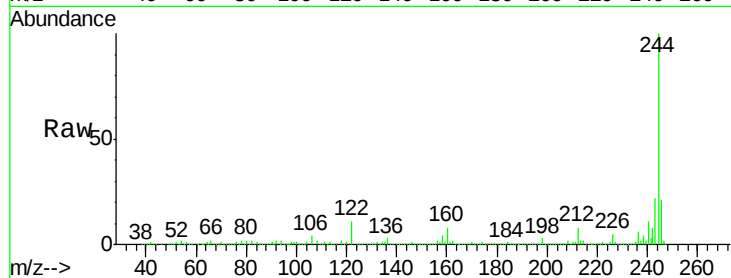
Tot Ion:244 Resp: 1379301

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

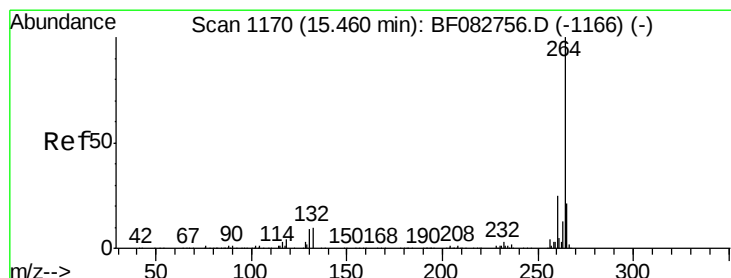
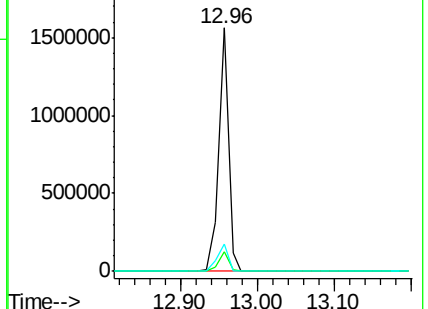
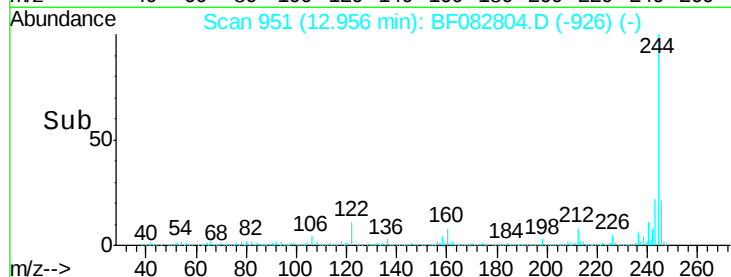
122 11.1 11.3 16.9#



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: BF082804.D

Acq: 7 Nov 2015 12:04

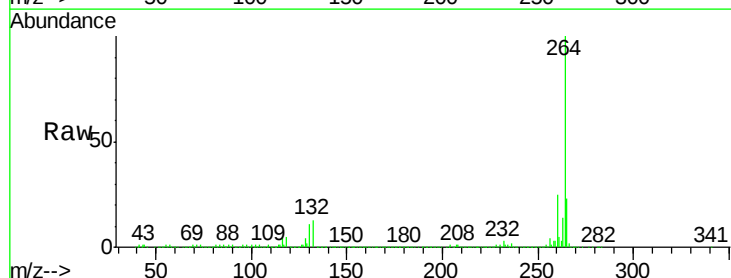
Tgt Ion:264 Resp: 581105

Ion Ratio Lower Upper

264 100

260 24.5 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

