

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082859.D
 Acq On : 10 Nov 2015 7:39
 Operator : UM/IZ
 Sample : G4275-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6C

Quant Time: Nov 10 08:59:44 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

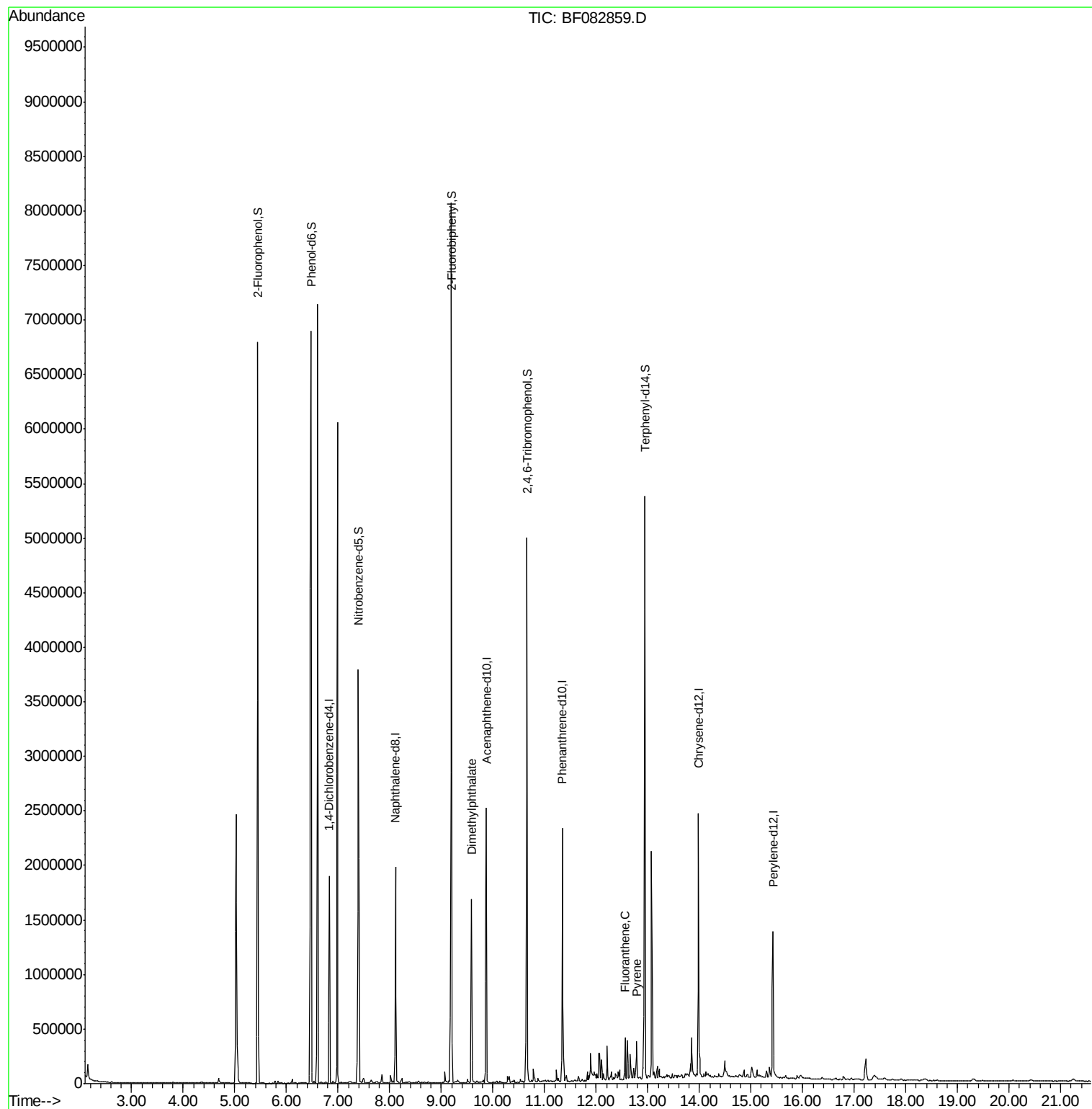
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	280357	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	985376	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	539381	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	876585	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	803539	20.00	ng	-0.03
86) Perylene-d12	15.43	264	644556	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2011083	111.61	ng	0.00
7) Phenol-d6	6.48	99	3011890	125.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	1845029	81.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	633661	102.46	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2510320	66.70	ng	-0.02
78) Terphenyl-d14	12.95	244	2336449	68.97	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	609899	13.80	ng	100
74) Fluoranthene	12.56	202	149642	2.74	ng	98
77) Pyrene	12.79	202	150408	2.73	ng	97

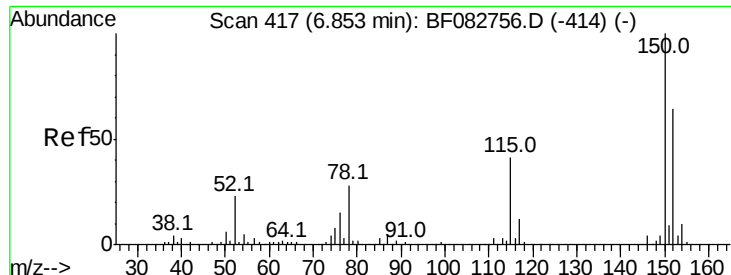
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

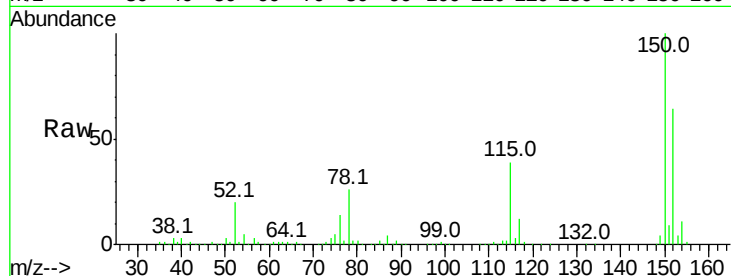
Tot Ion:152 Resp: 280357

Ion Ratio Lower Upper

152 100

150 155.1 127.0 190.4

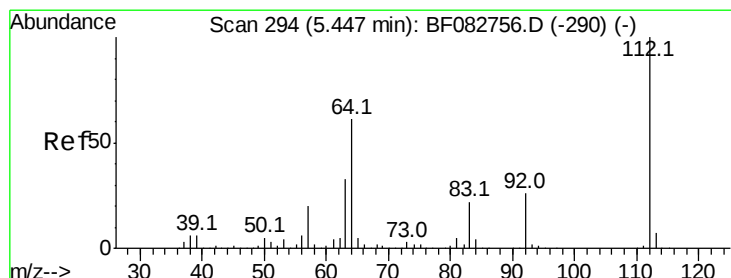
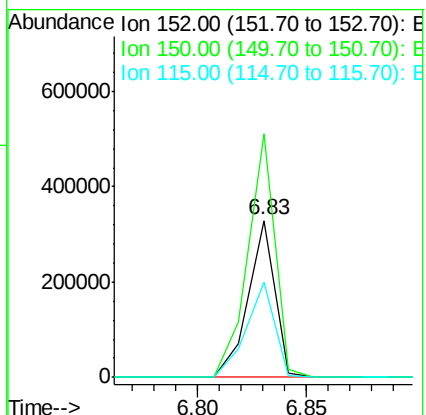
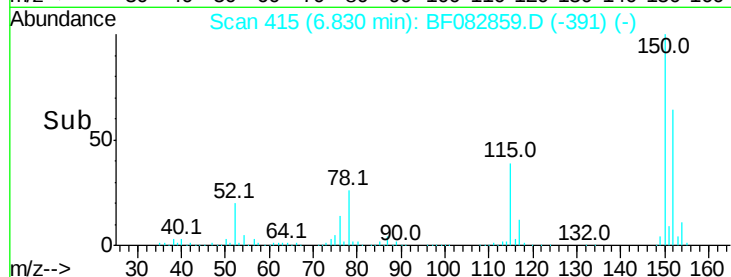
115 60.4 47.0 70.6



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: 111.61 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

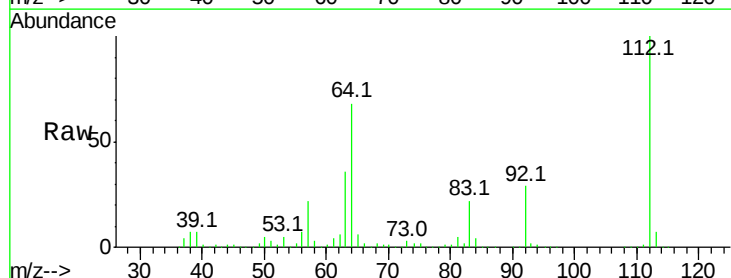
Tgt Ion:112 Resp: 2011083

Ion Ratio Lower Upper

112 100

64 68.2 48.9 73.3

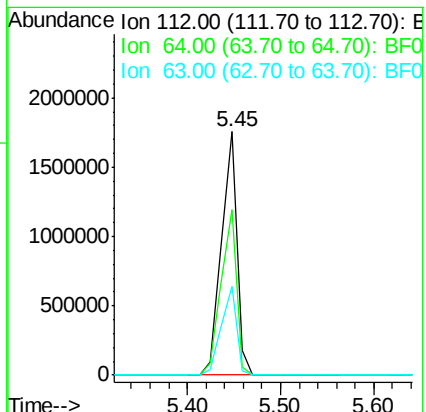
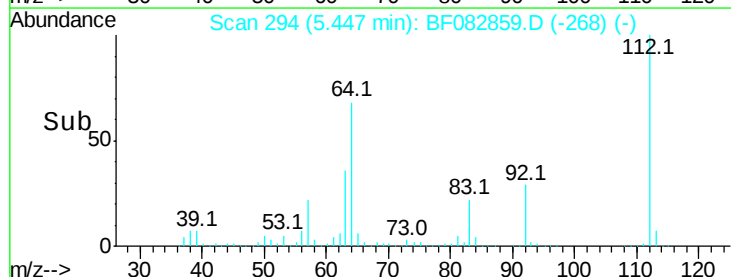
63 36.3 28.1 42.1

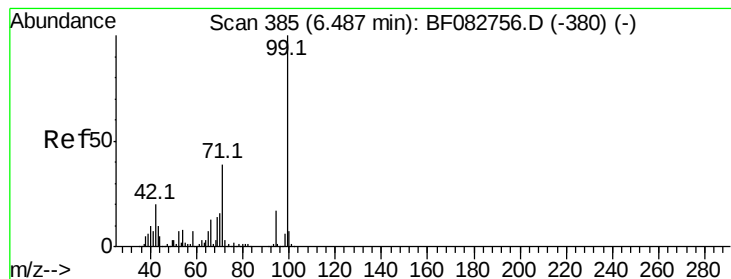


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.73 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

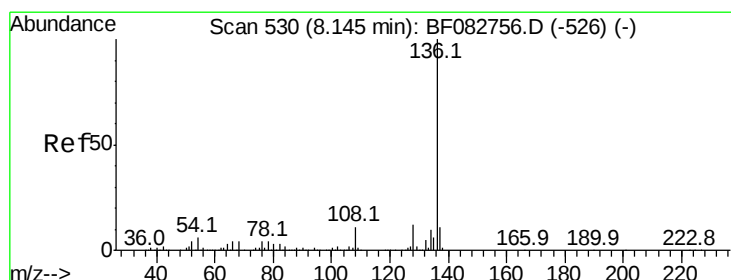
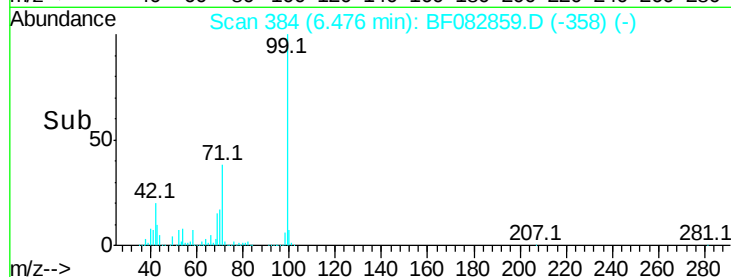
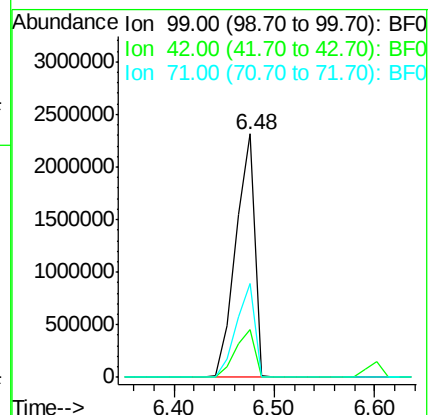
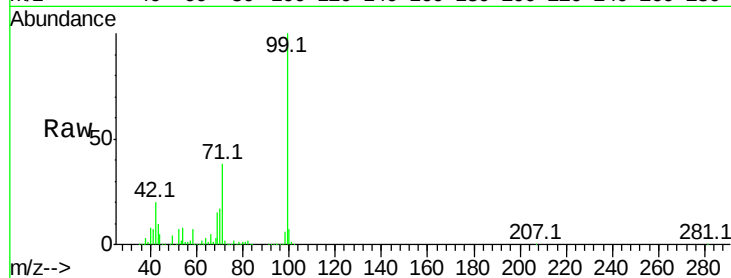
BNA_F

ClientSampleId :

T-6C

Tot Ion: 99 Resp: 3011890

Ion	Ratio	Lower	Upper
99	100		
42	19.8	19.2	28.8
71	38.3	35.0	52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

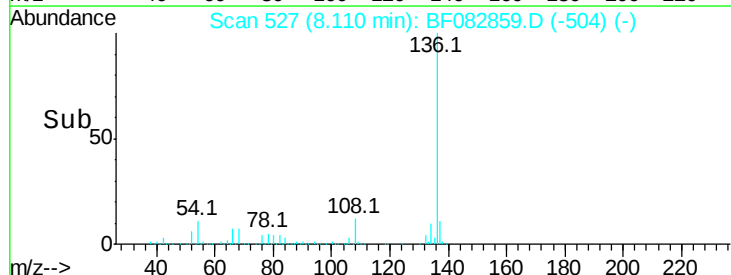
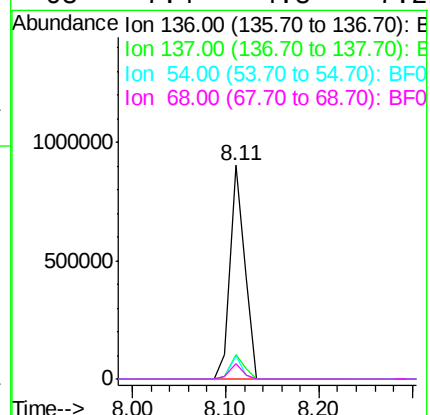
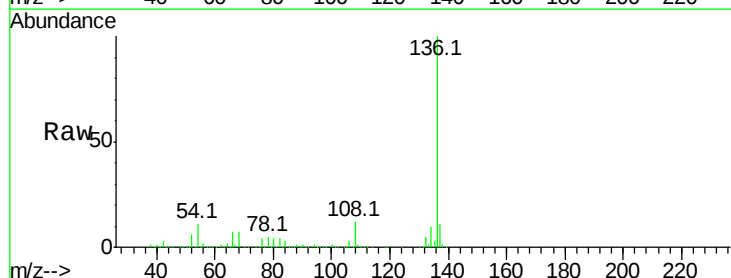
Delta R.T. -0.03 min

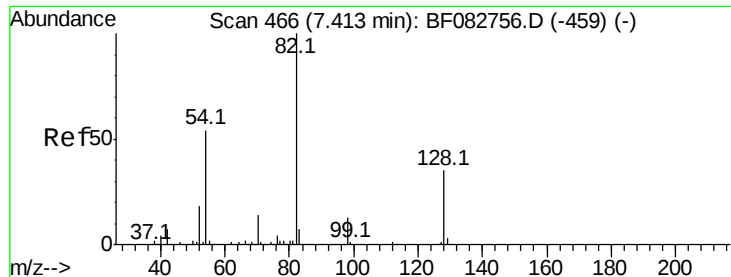
Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Tgt Ion: 136 Resp: 985376

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.7	9.1	13.7
68	7.4	4.8	7.2#



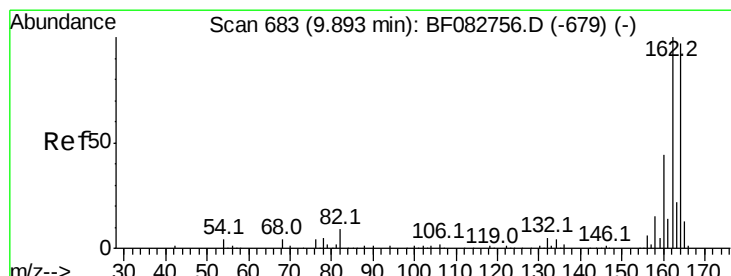
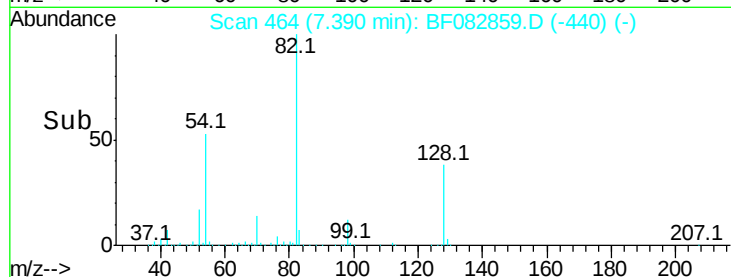
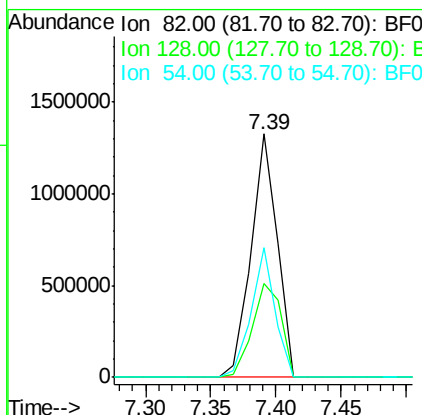
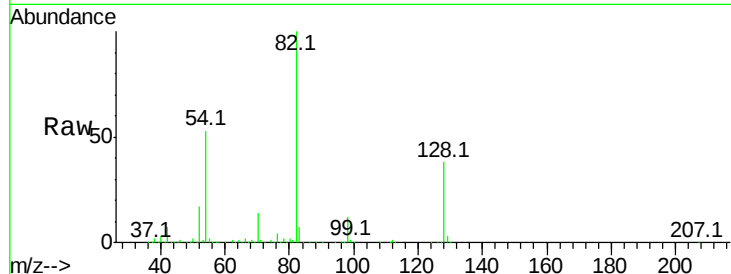


#23
 Nitrobenzene-d5
 Concen: 81.47 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082859.D
 Acq: 10 Nov 2015 7:39

Instrument :
 BNA_F
 ClientSampleId :
 T-6C

Tot Ion: 82 Resp: 1845029

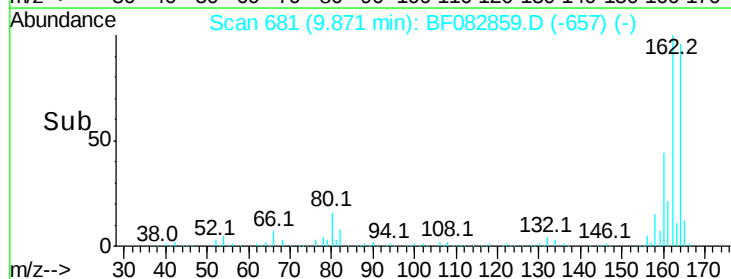
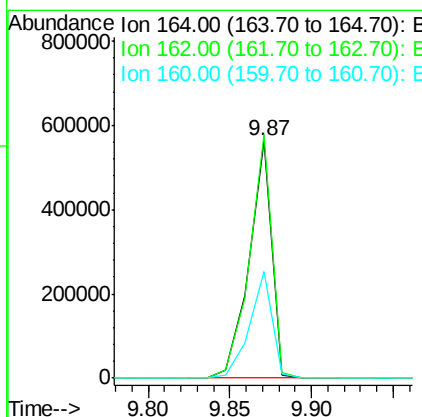
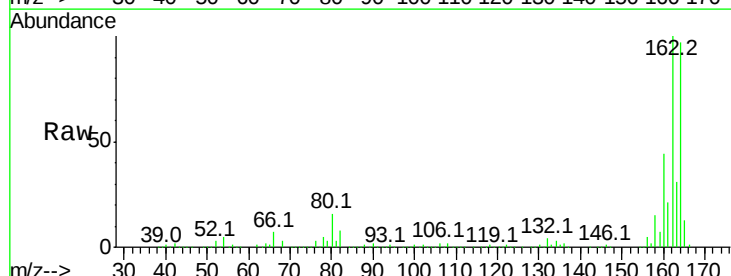
Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.8	40.2
54	53.2	45.7	68.5

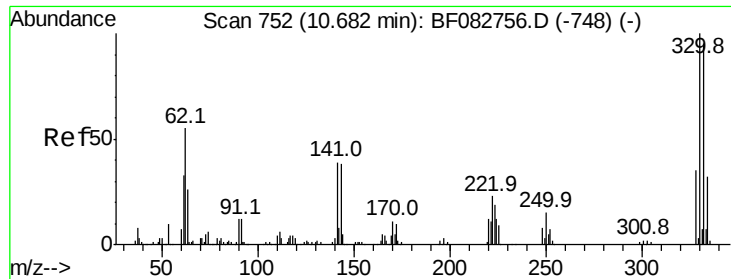


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082859.D
 Acq: 10 Nov 2015 7:39

Tgt Ion: 164 Resp: 539381

Ion	Ratio	Lower	Upper
164	100		
162	102.6	84.9	127.3
160	44.8	37.5	56.3

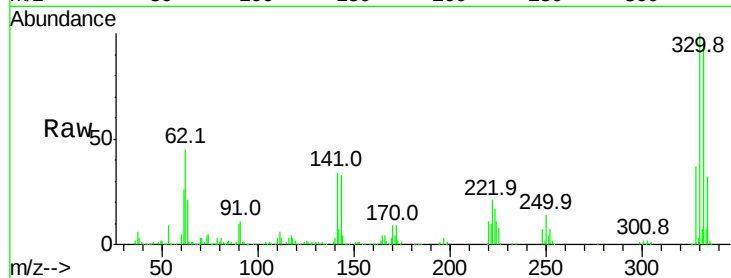




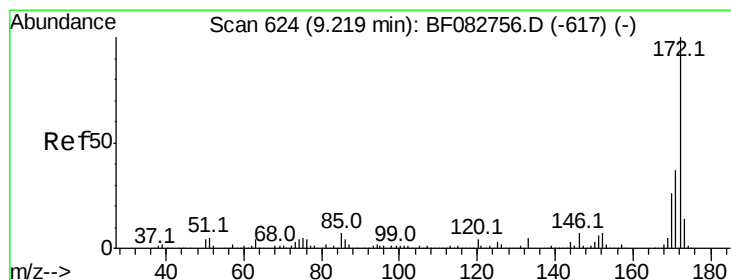
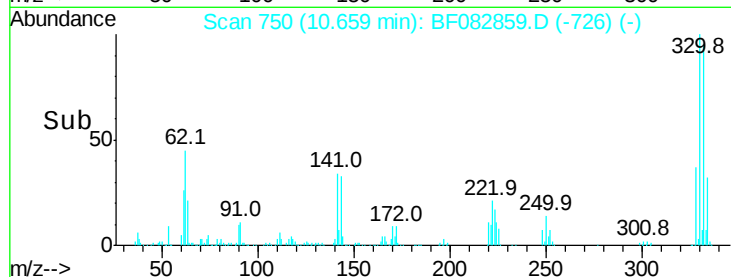
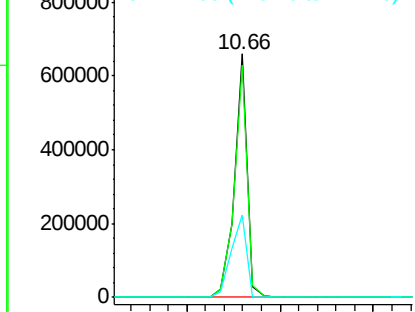
#41
 2,4,6-Tribromophenol
 Concen: 102.46 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082859.D
 Acq: 10 Nov 2015 7:39

Instrument :
 BNA_F
 ClientSampleId :
 T-6C

Tot Ion:330 Resp: 633661
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 41.1 41.2 61.8#

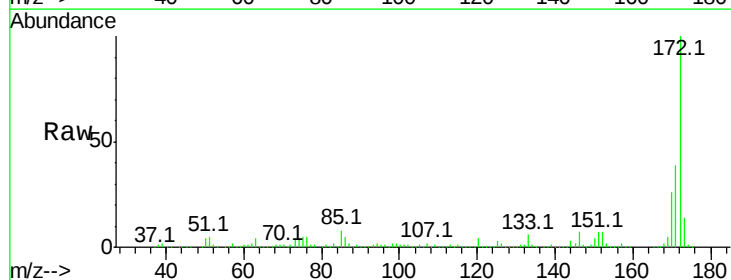


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

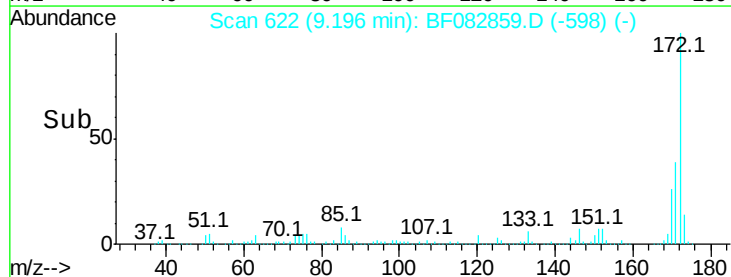
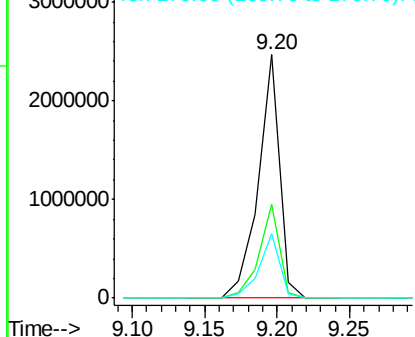


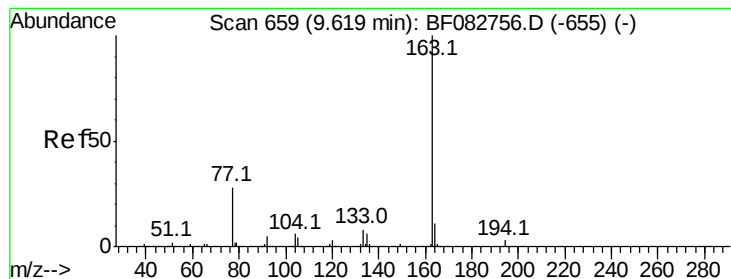
#44
 2-Fluorobiphenyl
 Concen: 66.70 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082859.D
 Acq: 10 Nov 2015 7:39

Tgt Ion:172 Resp: 2510320
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.8 46.2
 170 26.4 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: 13.80 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

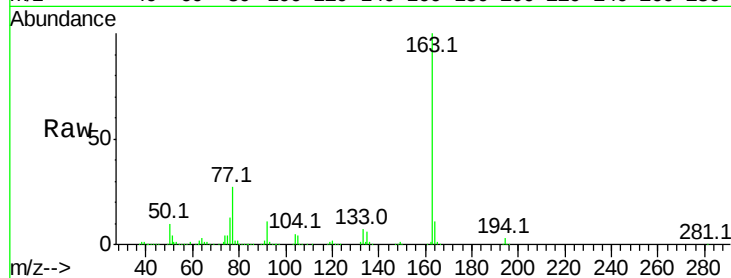
Tot Ion:163 Resp: 609899

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

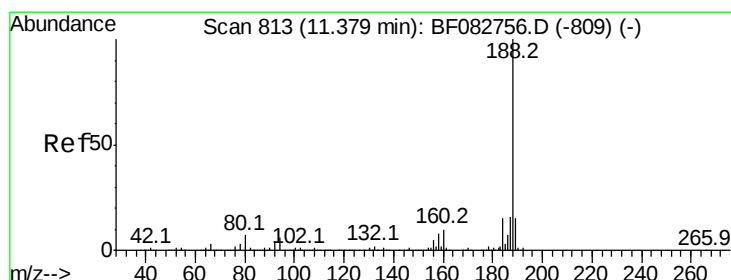
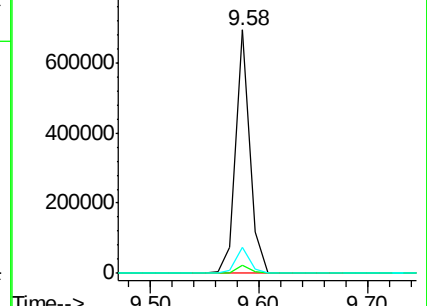
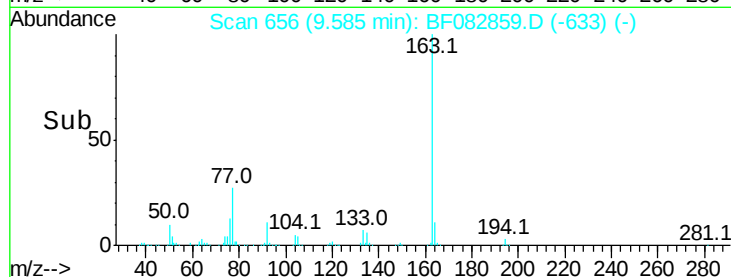
164 10.8 8.7 13.1



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: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

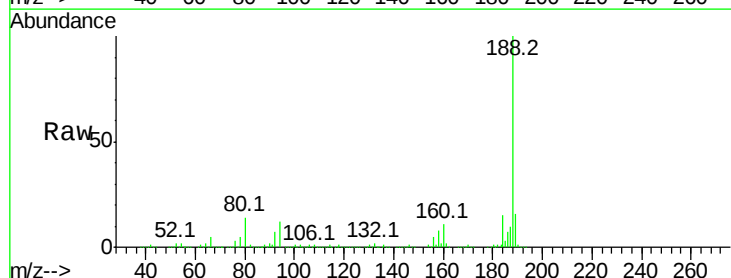
Tgt Ion:188 Resp: 876585

Ion Ratio Lower Upper

188 100

94 11.9 6.1 9.1#

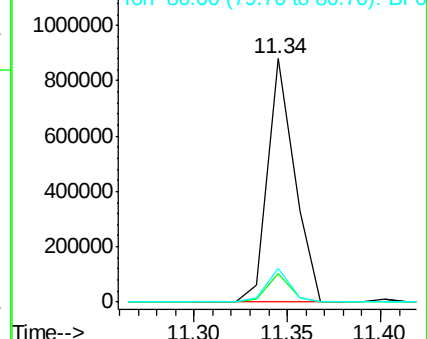
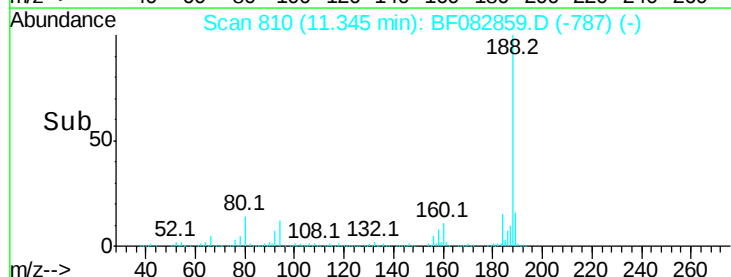
80 14.1 7.0 10.6#

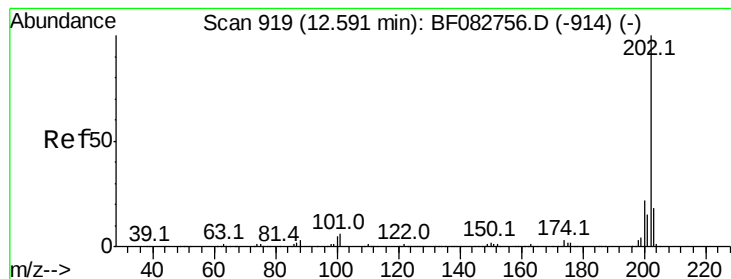


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.74 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

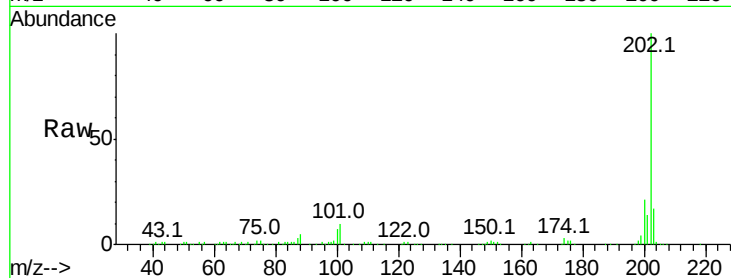
Tot Ion:202 Resp: 149642

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.5

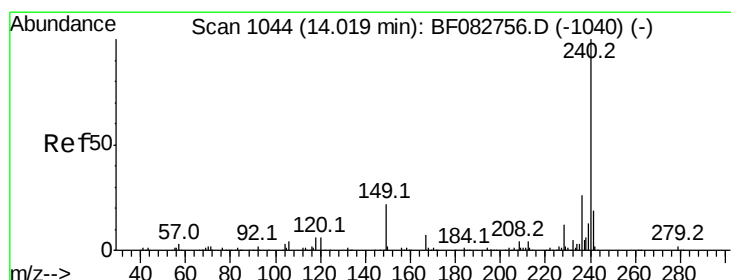
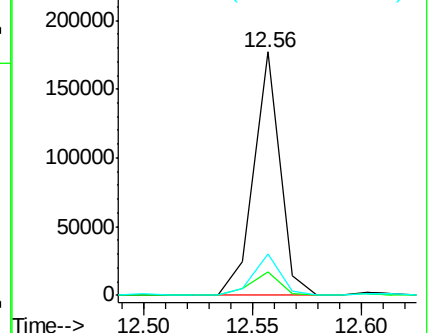
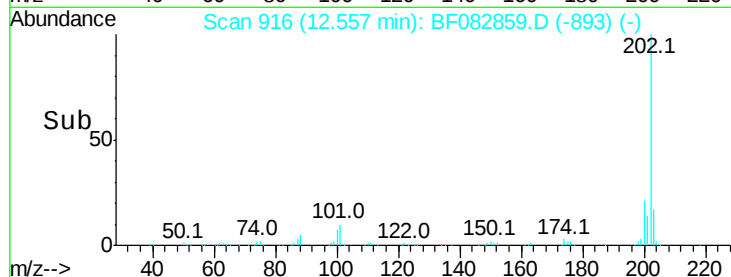
203 17.2 0.0 38.5



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

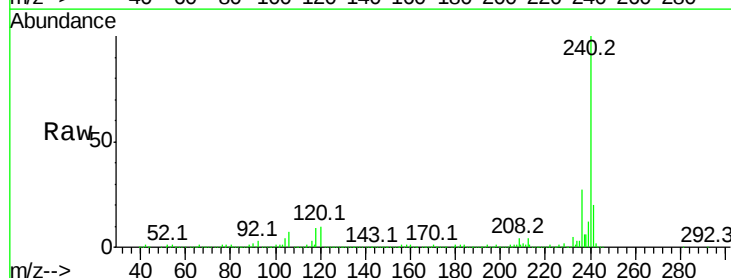
Tgt Ion:240 Resp: 803539

Ion Ratio Lower Upper

240 100

120 9.9 10.9 16.3#

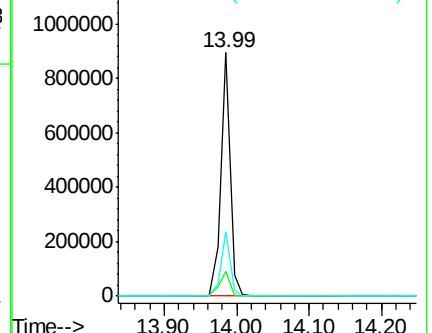
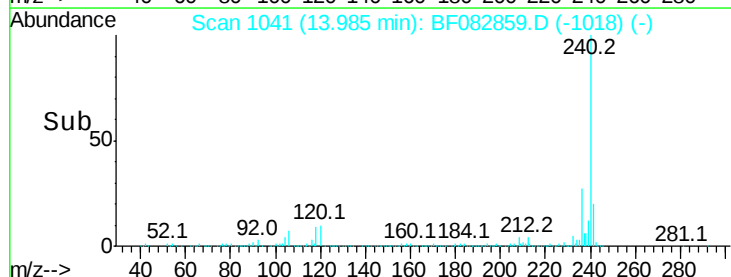
236 26.6 21.6 32.4

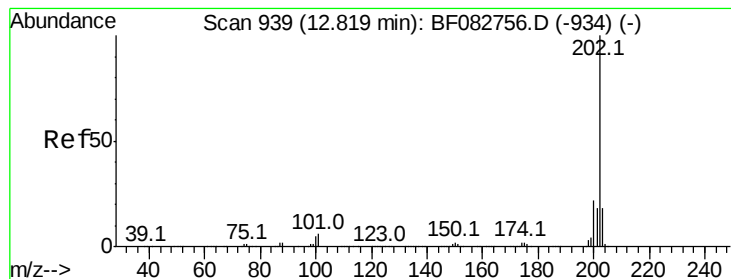


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.73 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

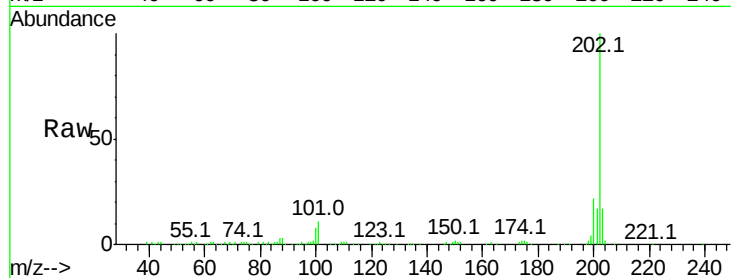
Tot Ion:202 Resp: 150408

Ion Ratio Lower Upper

202 100

200 21.7 18.7 28.1

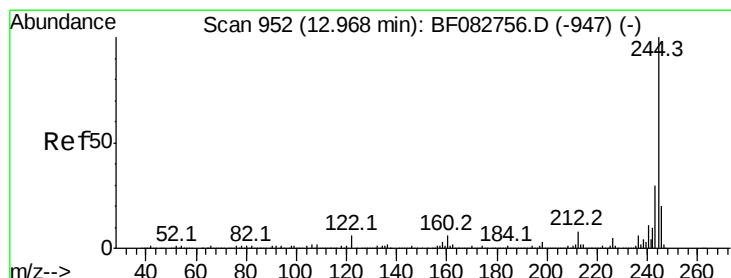
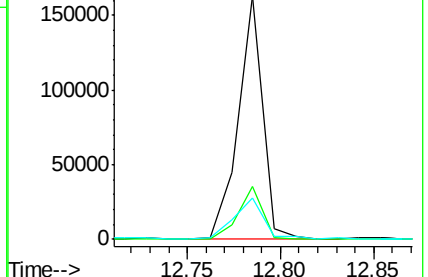
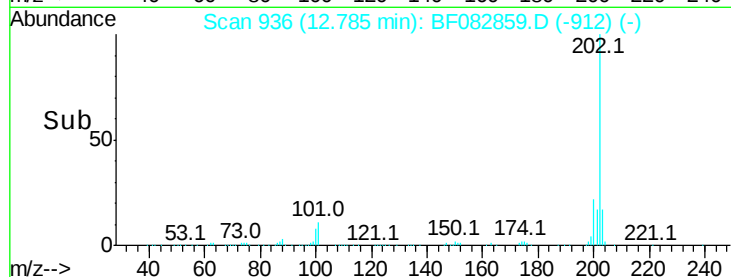
203 17.0 14.8 22.2



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: 68.97 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

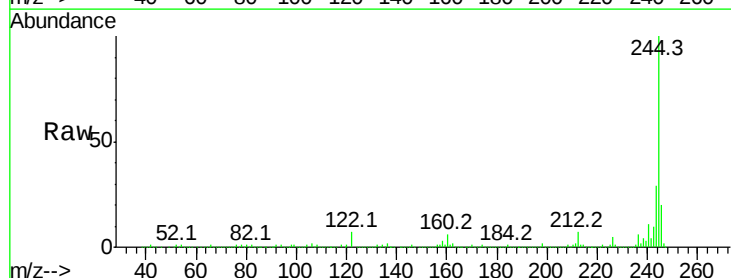
Tgt Ion:244 Resp: 2336449

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

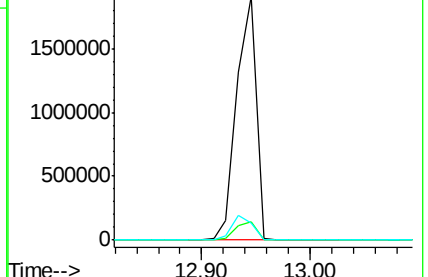
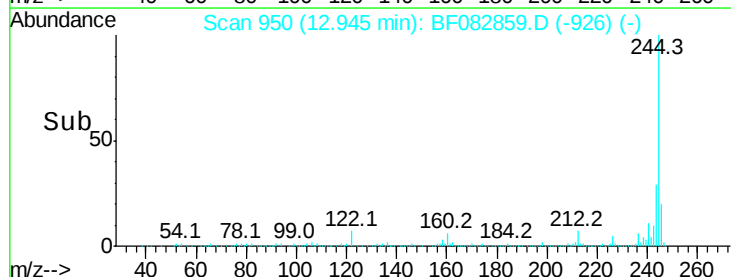
122 6.8 11.3 16.9#

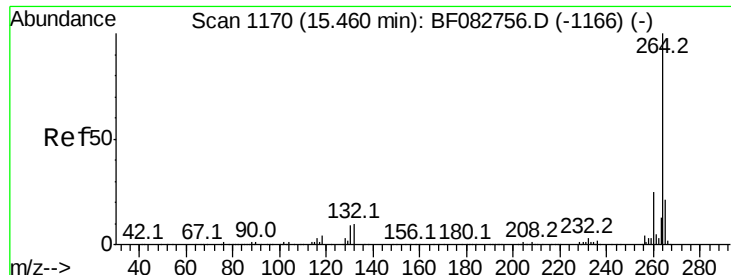


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082859.D
 Acq: 10 Nov 2015 7:39

Instrument :
 BNA_F
 ClientSampleId :
 T-6C

Tot Ion:	264	Resp:	644556
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.0	17.4	26.0

