

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082398.D
 Acq On : 20 Oct 2015 12:41
 Operator : UM/IZ
 Sample : G3975-09RE
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX3RE

Quant Time: Oct 20 14:21:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

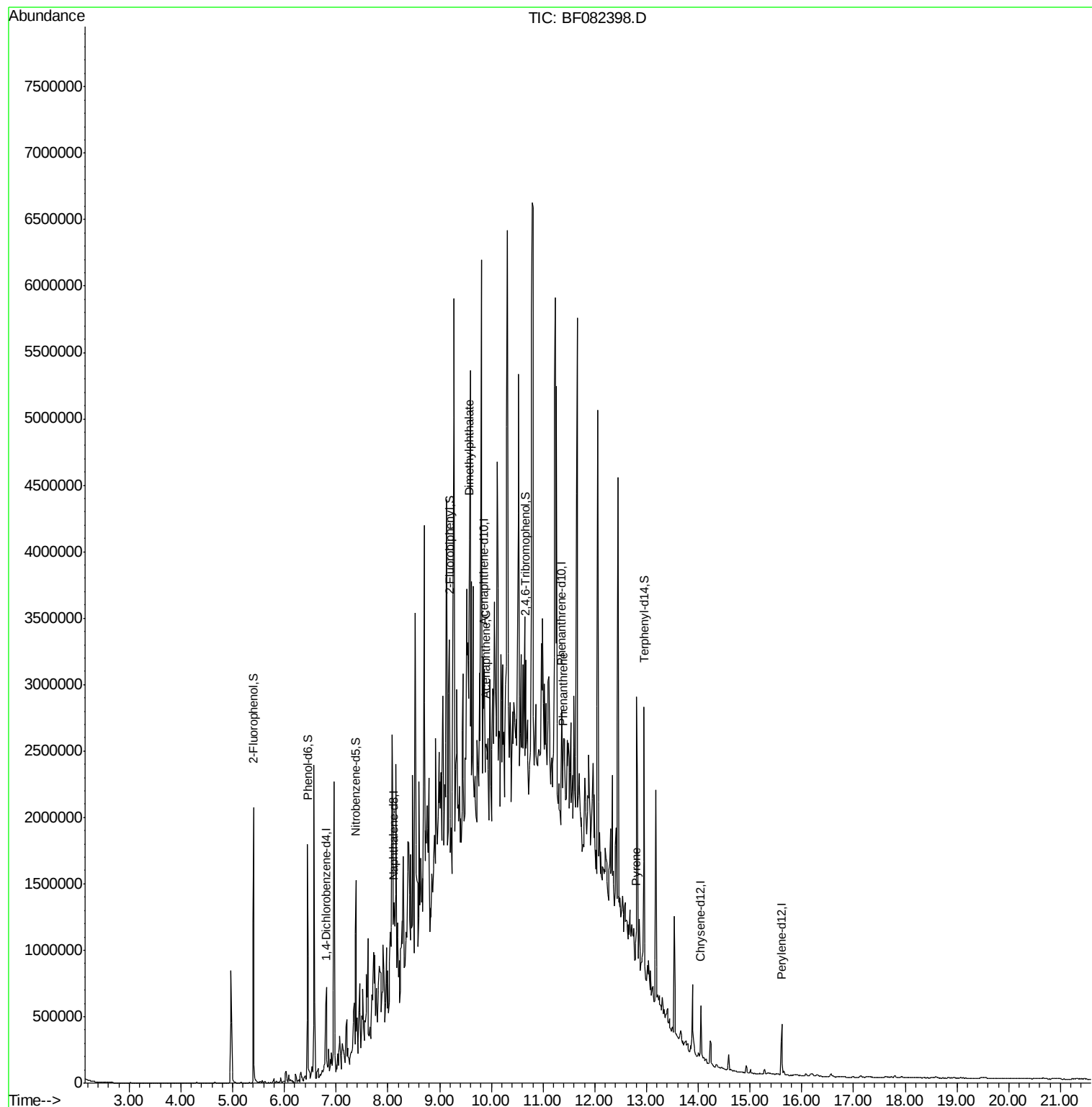
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	85932	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	281757	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	130172	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	215928	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	216693	20.00	ng	0.03
86) Perylene-d12	15.61	264	195312	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	702583	165.01	ng	-0.02
7) Phenol-d6	6.45	99	818335	147.69	ng	-0.03
23) Nitrobenzene-d5	7.38	82	522342	124.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	135459	110.96	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	903611	115.12	ng	-0.02
78) Terphenyl-d14	12.95	244	679689	83.12	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.58	163	156422	17.06	ng	# 92
51) Acenaphthene	9.90	154	31838	4.36	ng	# 82
70) Phenanthrene	11.38	178	110927	10.48	ng	# 84
77) Pyrene	12.80	202	73455	5.71	ng	96

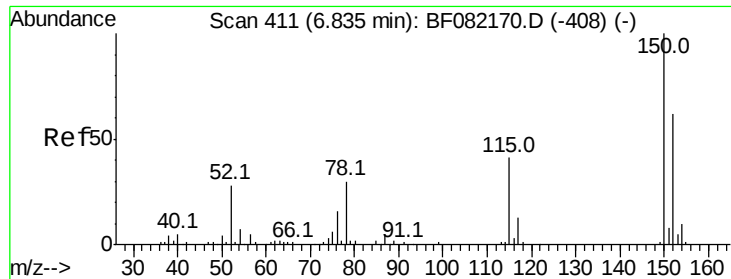
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

PX3RE

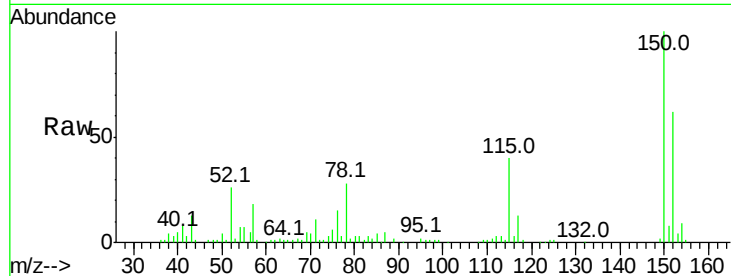
Tot Ion:152 Resp: 85932

Ion Ratio Lower Upper

152 100

150 161.5 129.0 193.4

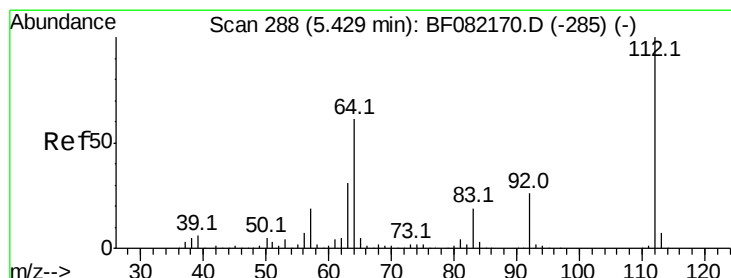
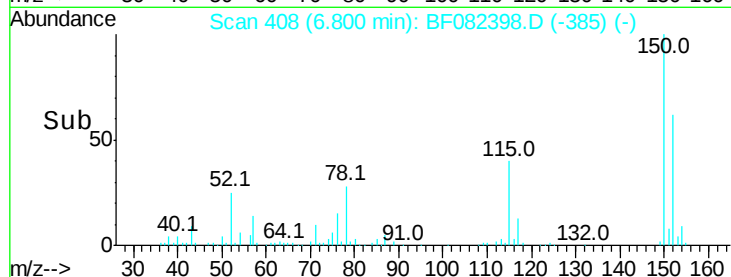
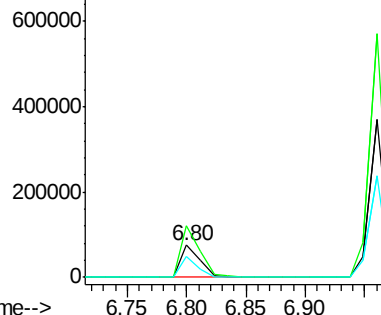
115 64.0 52.1 78.1



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: 165.01 ng

RT: 5.41 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

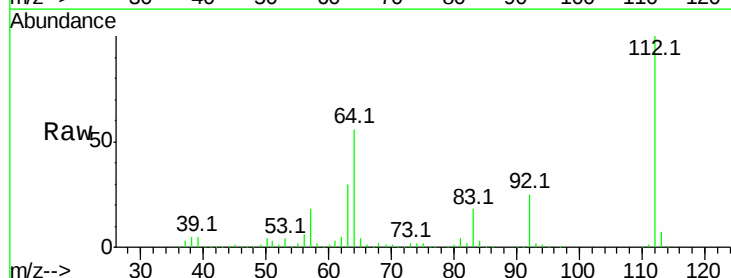
Tgt Ion:112 Resp: 702583

Ion Ratio Lower Upper

112 100

64 56.0 48.6 73.0

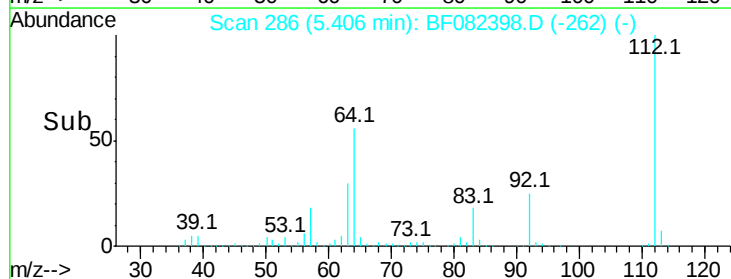
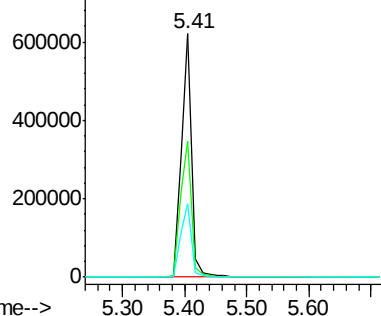
63 30.1 25.1 37.7

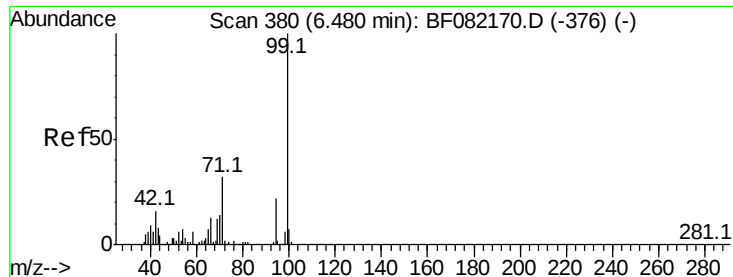


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.69 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

PX3RE

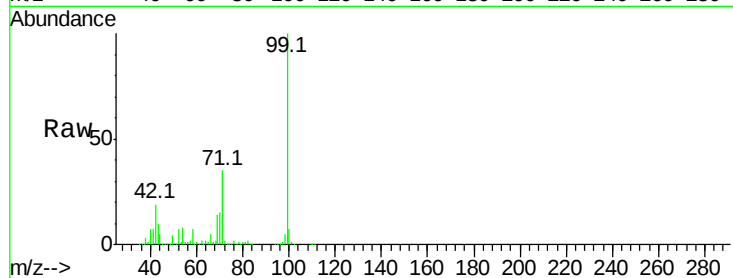
Tot Ion: 99 Resp: 818335

Ion Ratio Lower Upper

99 100

42 18.9 13.2 19.8

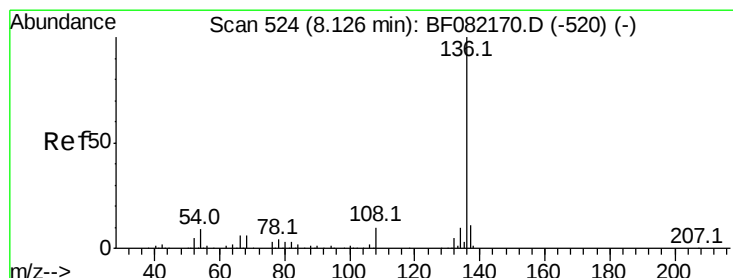
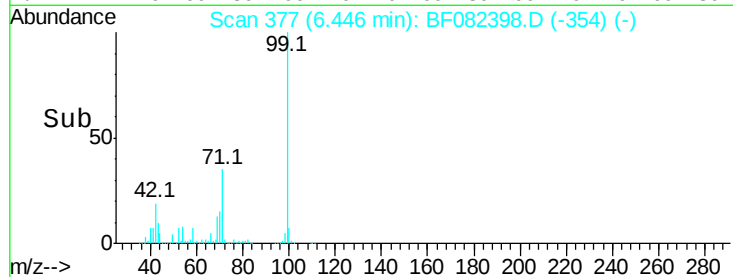
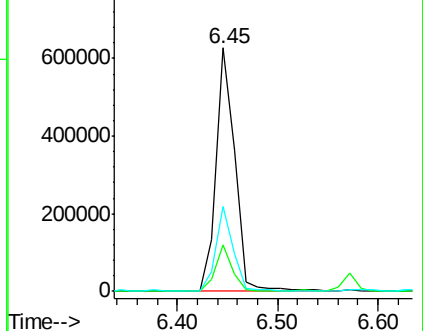
71 35.0 25.6 38.4



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: 8.10 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

Tgt Ion: 136 Resp: 281757

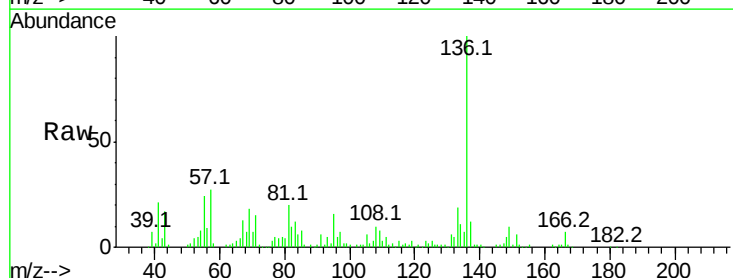
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 7.7 7.5 11.3

68 7.2 4.6 7.0#

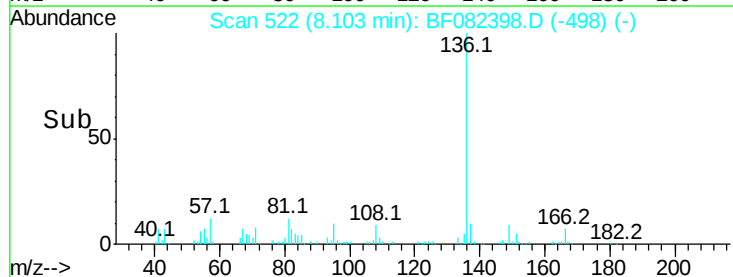
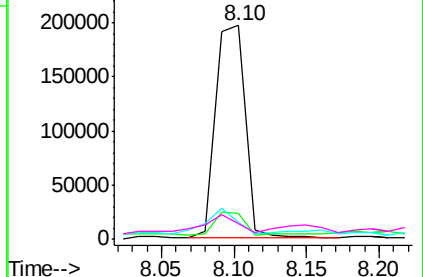


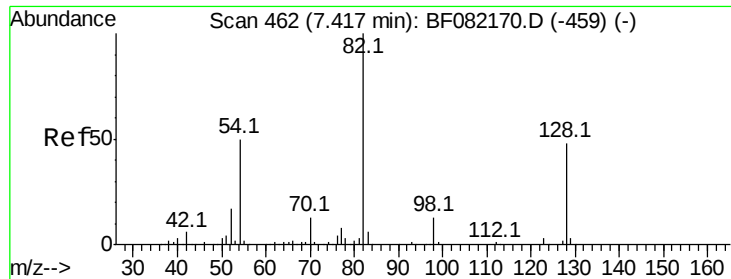
Abundance Ion 136.00 (135.70 to 136.70): E

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

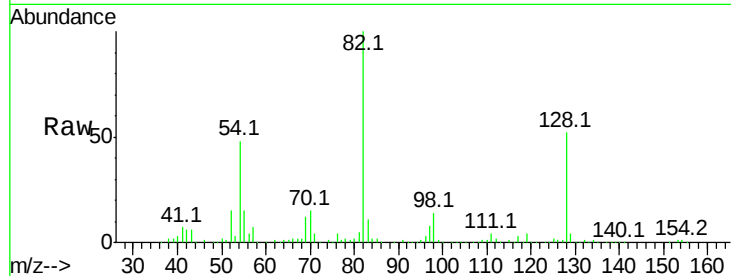




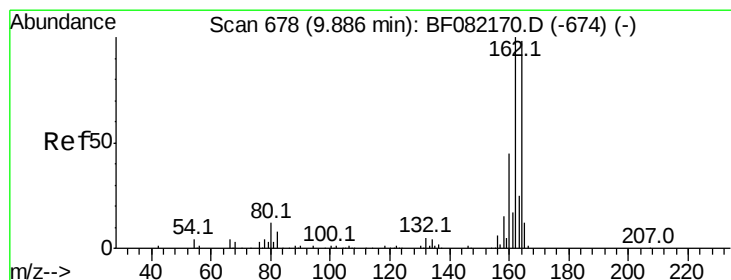
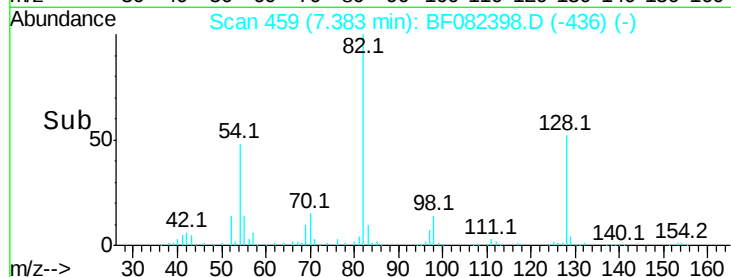
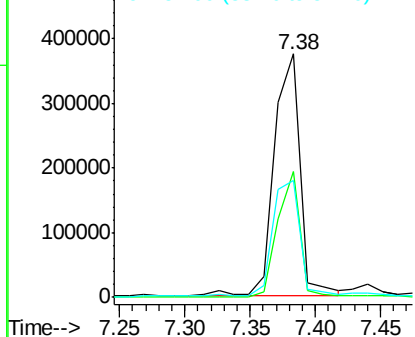
#23
 Nitrobenzene-d5
 Concen: 124.50 ng
 RT: 7.38 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF082398.D
 Acq: 20 Oct 2015 12:41

Instrument :
 BNA_F
 ClientSampleId :
 PX3RE

Tot Ion: 82 Resp: 522342
 Ion Ratio Lower Upper
 82 100
 128 51.6 38.7 58.1
 54 47.9 40.1 60.1

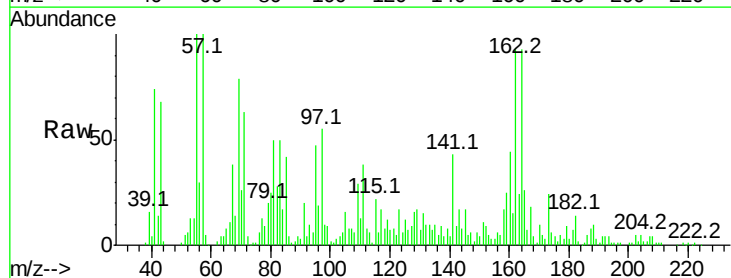


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

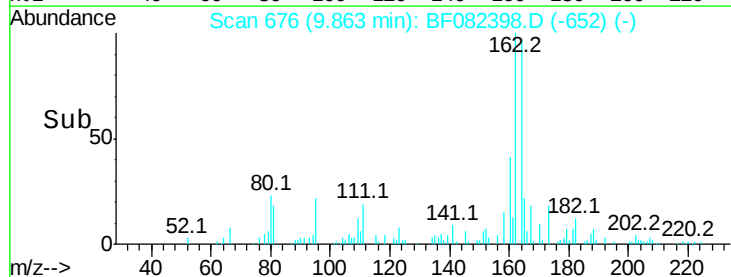
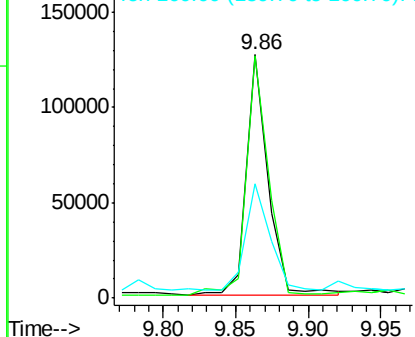


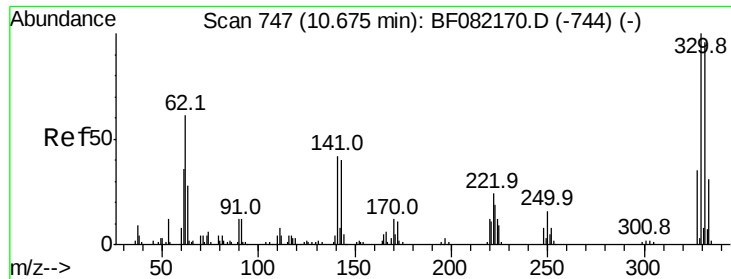
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 676
 Delta R.T. -0.02 min
 Lab File: BF082398.D
 Acq: 20 Oct 2015 12:41

Tgt Ion:164 Resp: 130172
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.6 122.4
 160 47.2 36.4 54.6



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

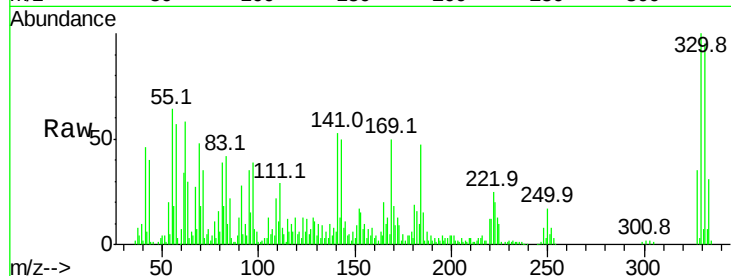




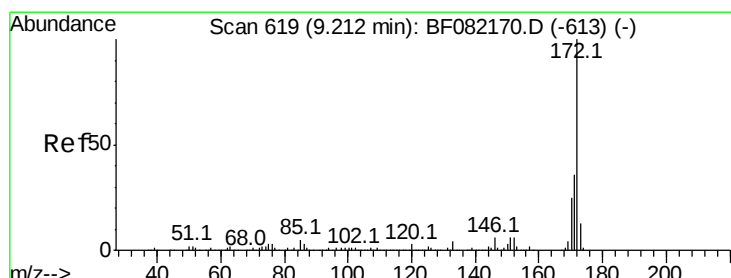
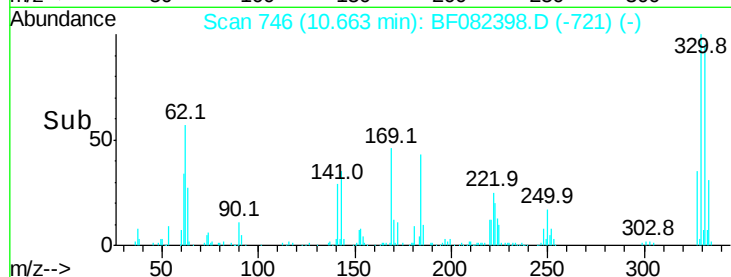
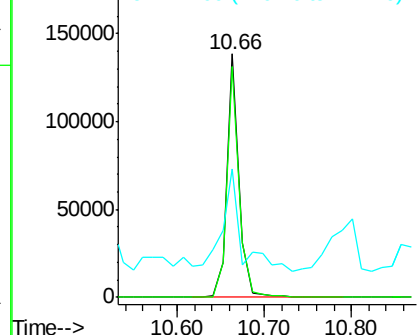
#41
 2,4,6-Tribromophenol
 Concen: 110.96 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082398.D
 Acq: 20 Oct 2015 12:41

Instrument :
 BNA_F
 ClientSampleId :
 PX3RE

Tot Ion:330 Resp: 135459
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 66.3 29.8 44.8#

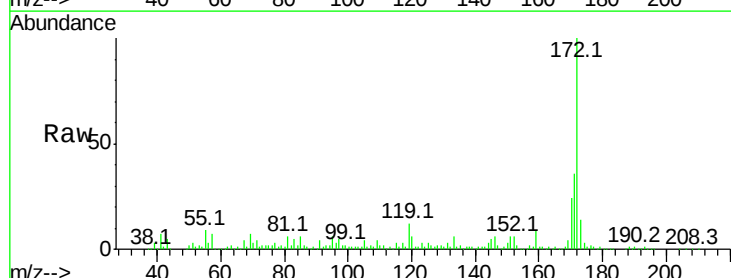


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

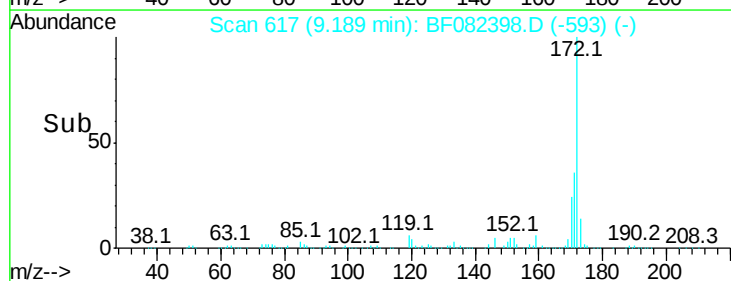
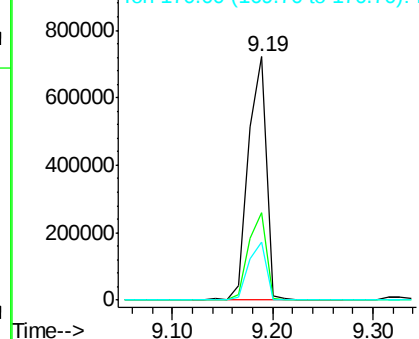


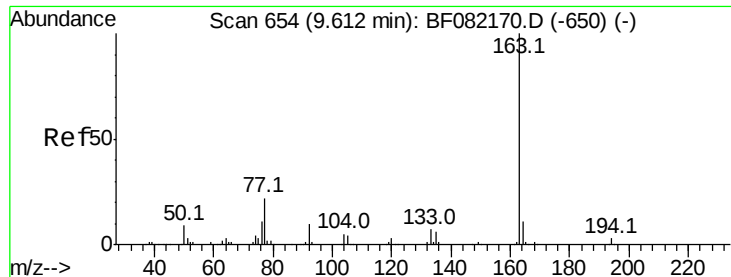
#44
 2-Fluorobiphenyl
 Concen: 115.12 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082398.D
 Acq: 20 Oct 2015 12:41

Tgt Ion:172 Resp: 903611
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.7 19.7 29.5



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

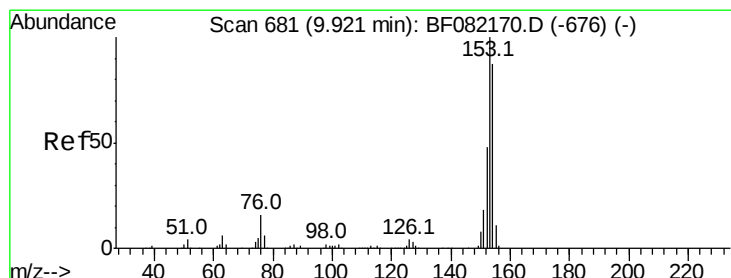
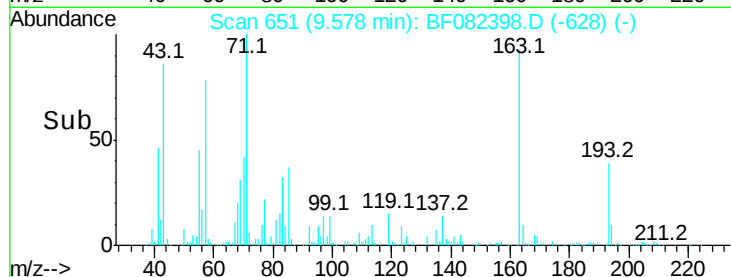
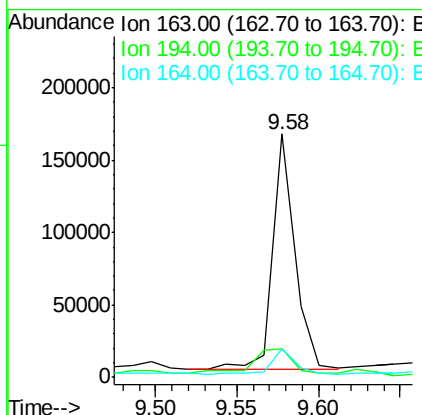
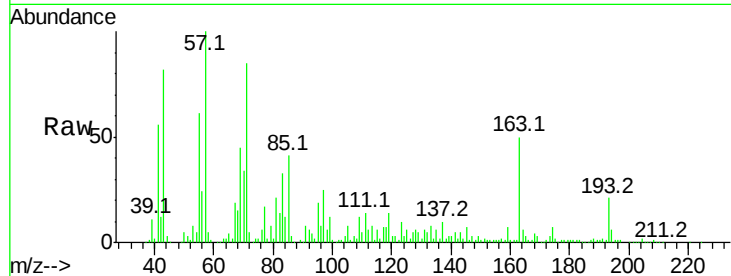




#49
Dimethylphthalate
Concen: 17.06 ng
RT: 9.58 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

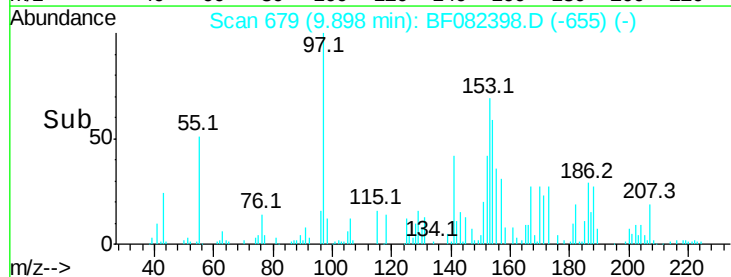
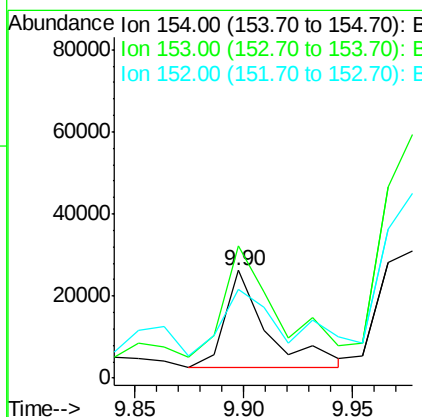
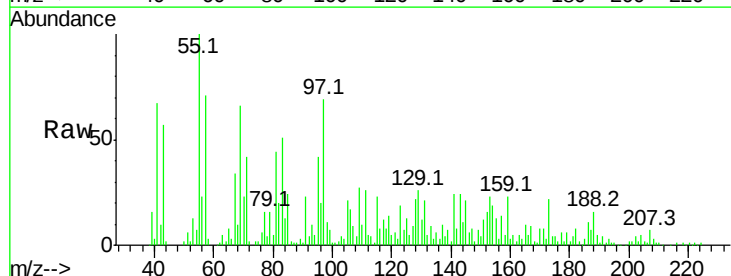
Instrument :
BNA_F
ClientSampleId :
PX3RE

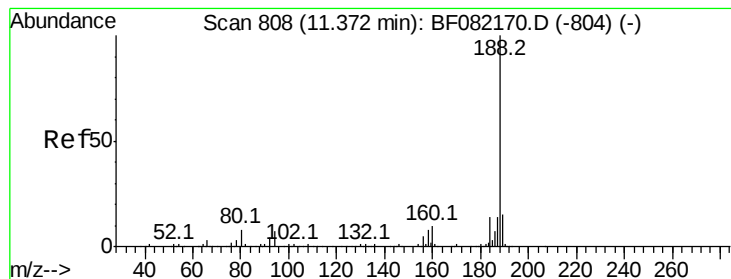
Tot Ion:163 Resp: 156422
Ion Ratio Lower Upper
163 100
194 12.0 2.6 4.0#
164 11.6 8.5 12.7



#51
Acenaphthene
Concen: 4.36 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:154 Resp: 31838
Ion Ratio Lower Upper
154 100
153 123.4 91.4 137.2
152 82.8 44.3 66.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

PX3RE

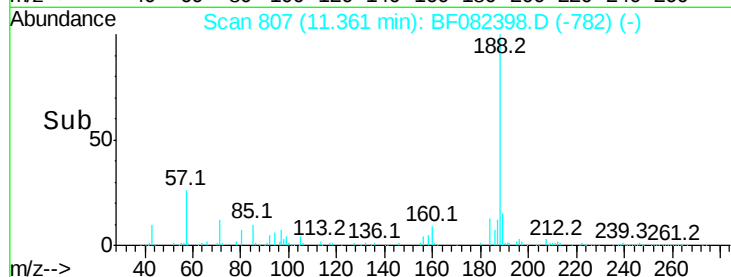
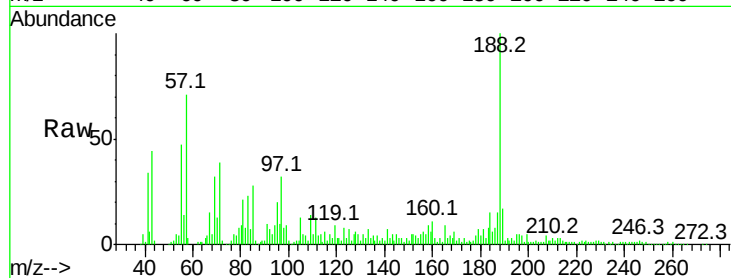
Tot Ion:188 Resp: 215928

Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.6#

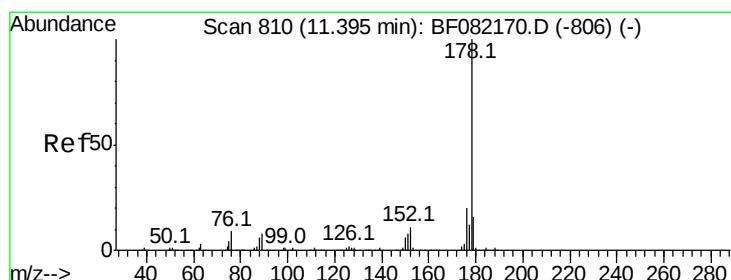
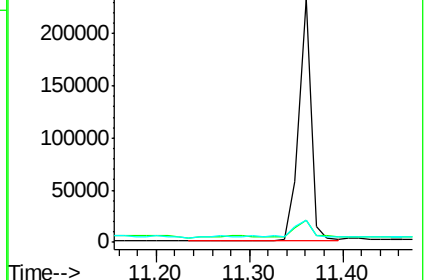
80 9.3 6.4 9.6



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: 10.48 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

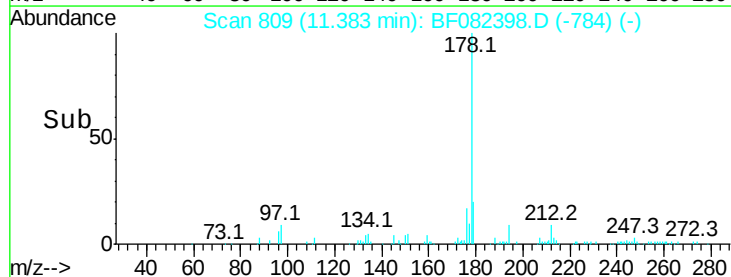
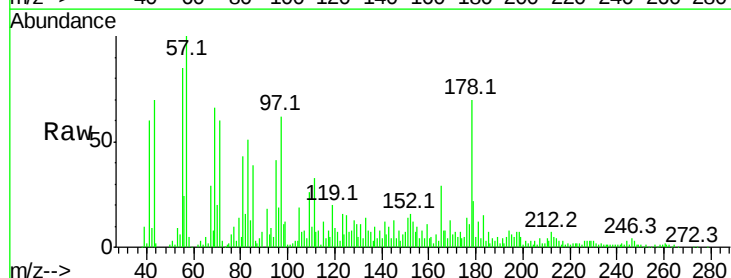
Tgt Ion:178 Resp: 110927

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

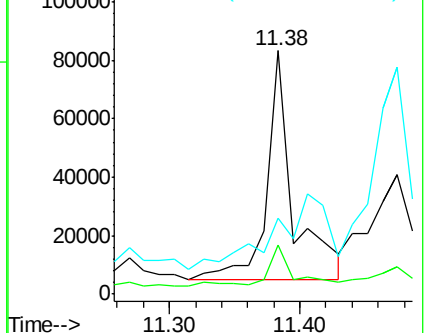
179 31.3 12.6 19.0#

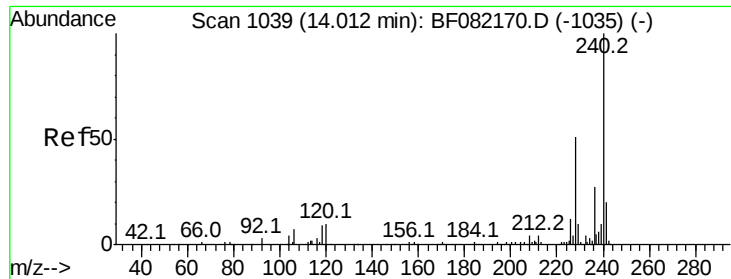


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. 0.03 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

Instrument :

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ClientSampleId :

PX3RE

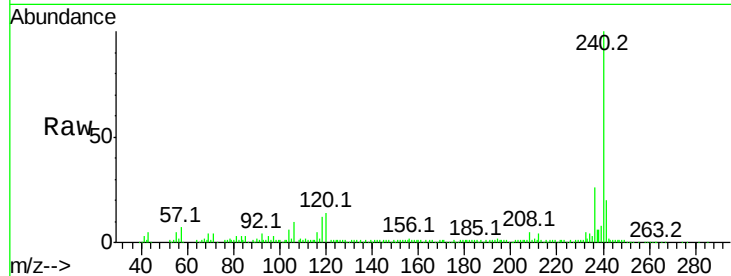
Tot Ion:240 Resp: 216693

Ion Ratio Lower Upper

240 100

120 14.3 8.1 12.1#

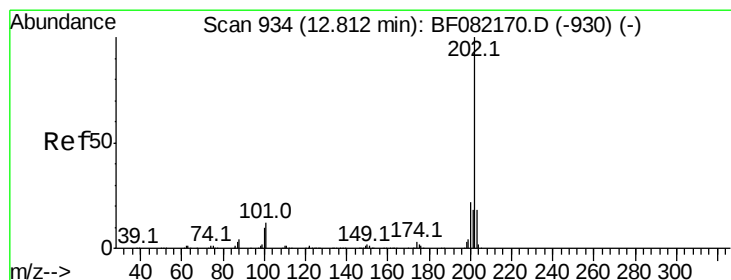
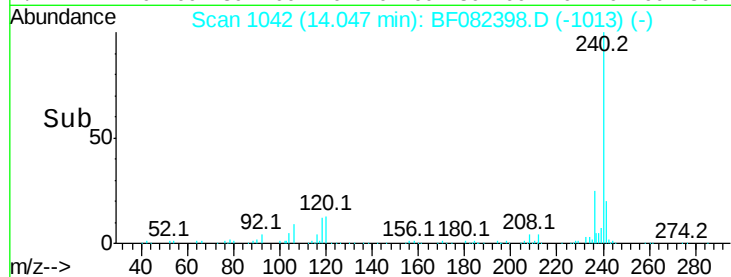
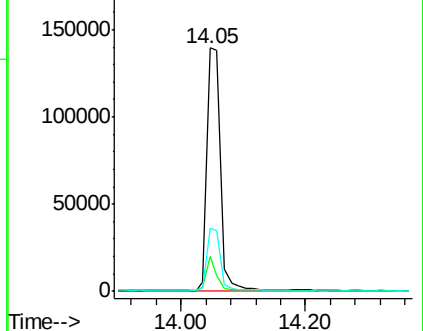
236 25.7 21.3 31.9



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: 5.71 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

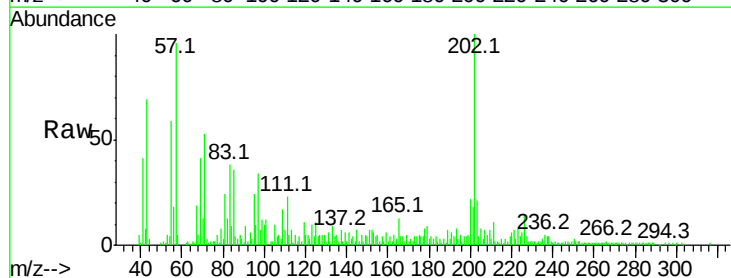
Tgt Ion:202 Resp: 73455

Ion Ratio Lower Upper

202 100

200 21.7 17.9 26.9

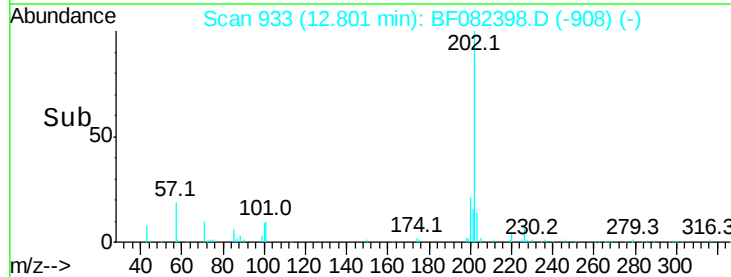
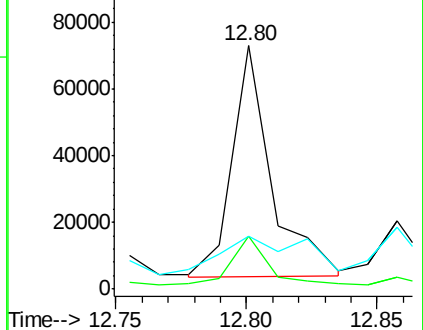
203 21.5 14.5 21.7

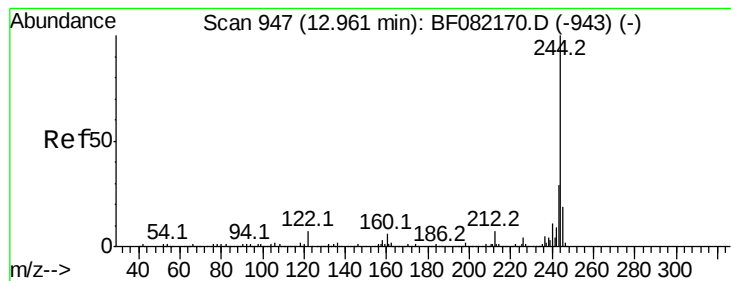


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.12 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

PX3RE

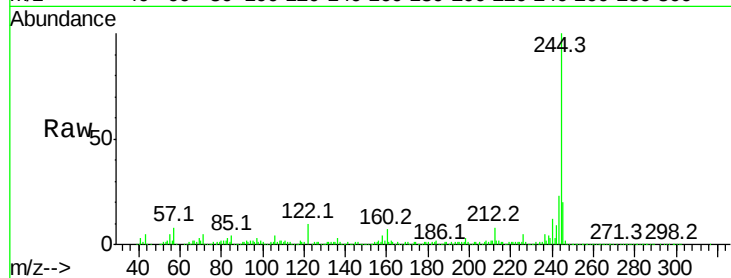
Tot Ion:244 Resp: 679689

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

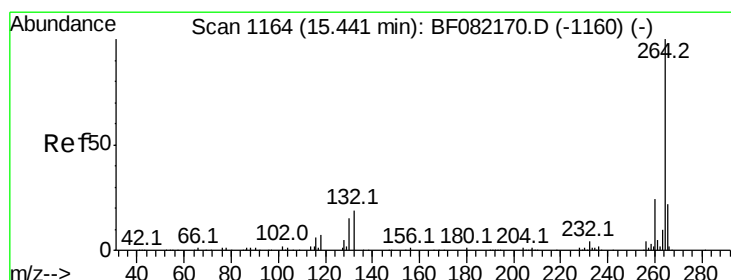
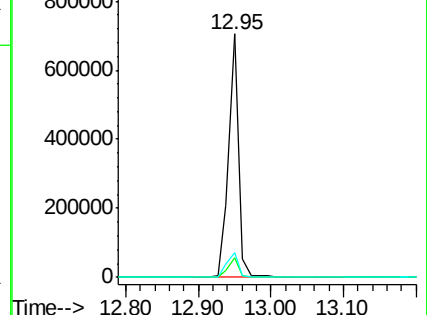
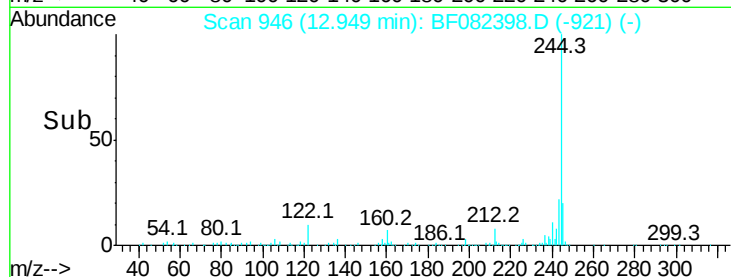
122 10.1 5.9 8.9#



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: 15.61 min Scan# 1179

Delta R.T. 0.17 min

Lab File: BF082398.D

Acq: 20 Oct 2015 12:41

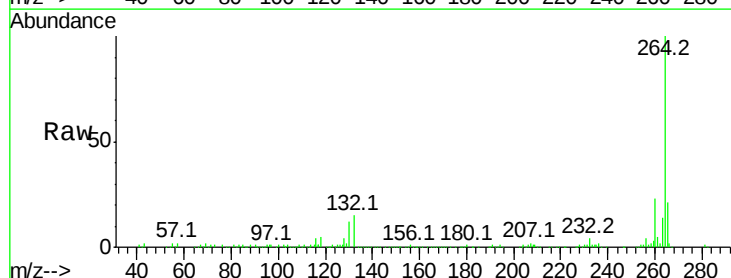
Tgt Ion:264 Resp: 195312

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.4 17.3 25.9



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

