

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082207.D
 Acq On : 11 Oct 2015 6:40
 Operator : UM/IZ
 Sample : G3979-19
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A10COMP

Quant Time: Oct 12 04:14:27 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 02:59:50 2015
 Response via : Initial Calibration

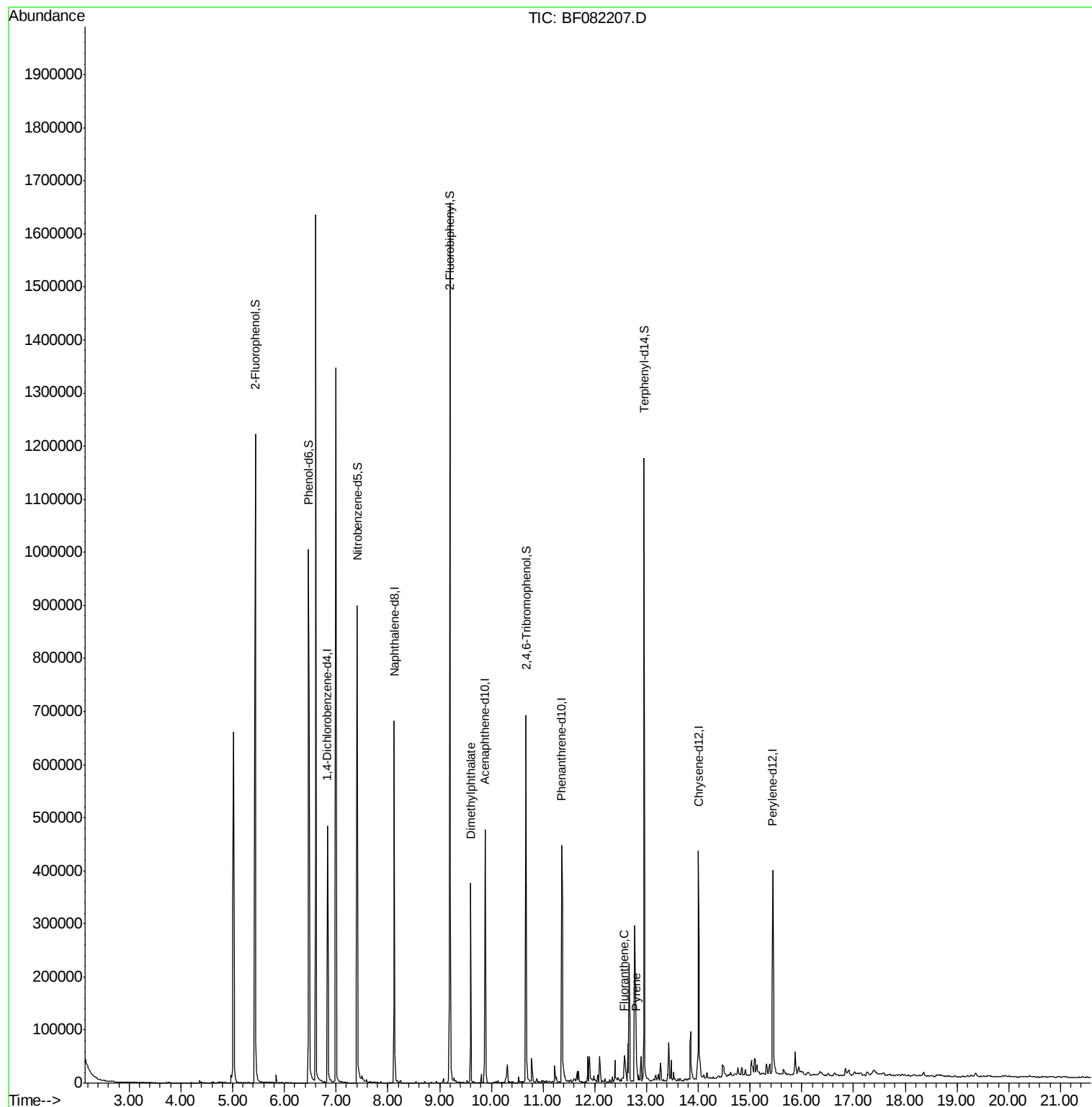
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83563	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	331690	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	147076	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	252493	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	203798	20.00	ng	-0.01
86) Perylene-d12	15.44	264	191026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	428892	103.59	ng	0.01
7) Phenol-d6	6.47	99	509683	94.59	ng	-0.01
23) Nitrobenzene-d5	7.41	82	325150	65.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	127391	92.36	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	550294	62.05	ng	-0.01
78) Terphenyl-d14	12.95	244	412581	53.65	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	160810	15.53	ng	98
74) Fluoranthene	12.57	202	28389	2.14	ng	92
77) Pyrene	12.80	202	24412	2.02	ng	95

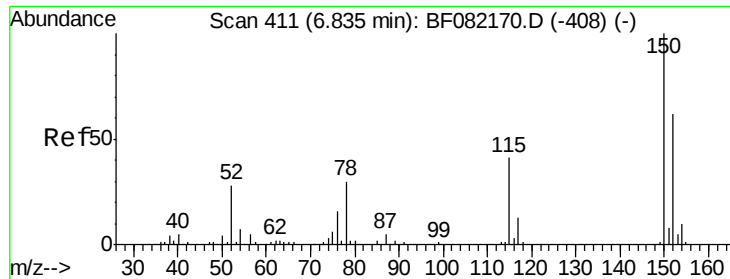
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082207.D

Acq: 11 Oct 2015 6:40

Instrument :

BNA_F

ClientSampleId :

A10COMP

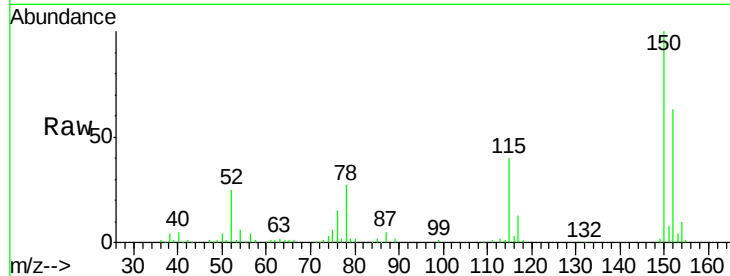
Tgt Ion:152 Resp: 83563

Ion Ratio Lower Upper

152 100

150 158.4 129.0 193.4

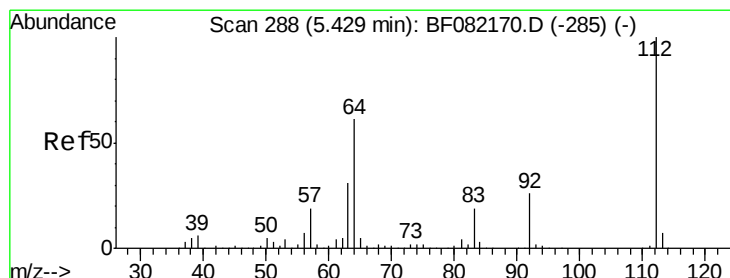
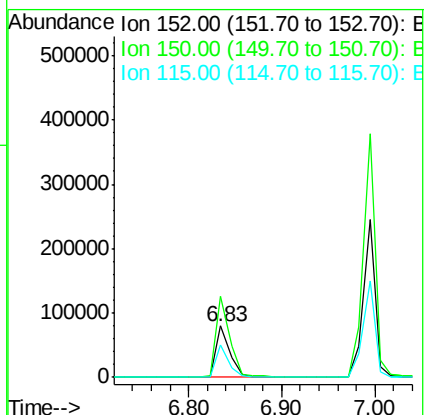
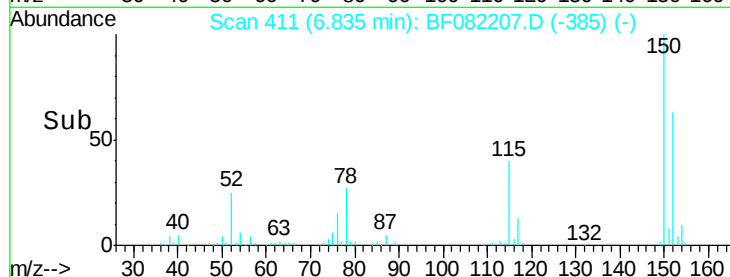
115 64.1 52.1 78.1



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: 103.59 ng

RT: 5.44 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF082207.D

Acq: 11 Oct 2015 6:40

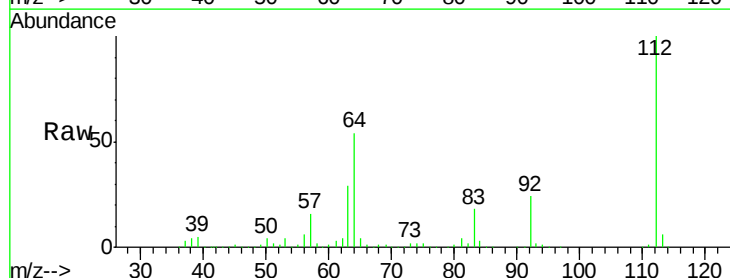
Tgt Ion:112 Resp: 428892

Ion Ratio Lower Upper

112 100

64 54.2 48.6 73.0

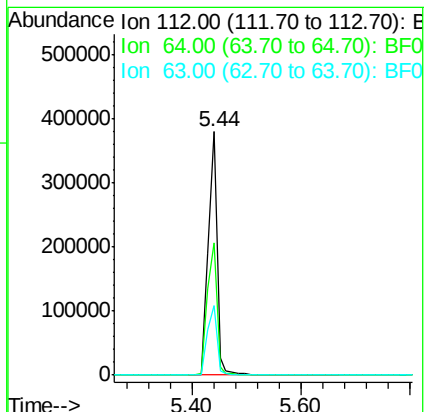
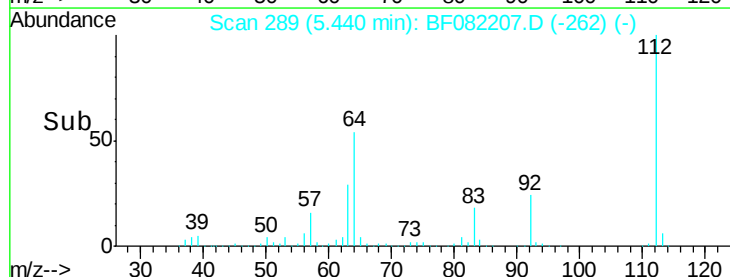
63 28.5 25.1 37.7

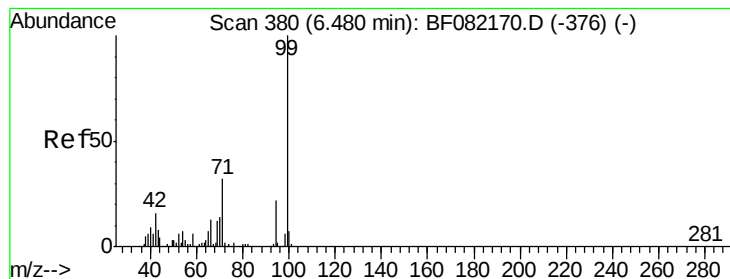


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.59 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082207.D

Acq: 11 Oct 2015 6:40

Instrument :

BNA_F

ClientSampleId :

A10COMP

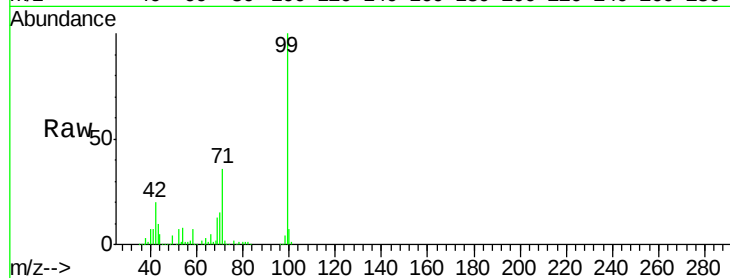
Tgt Ion: 99 Resp: 509683

Ion Ratio Lower Upper

99 100

42 19.7 13.2 19.8

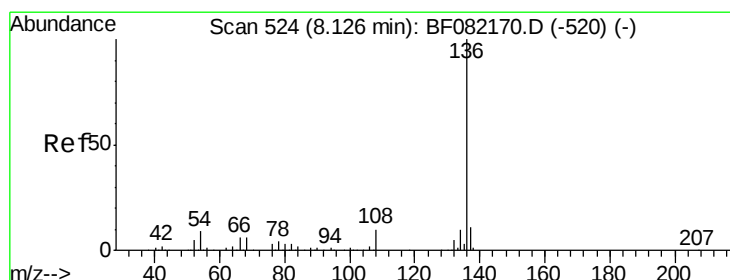
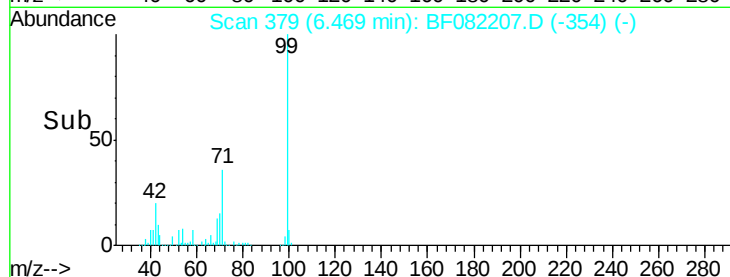
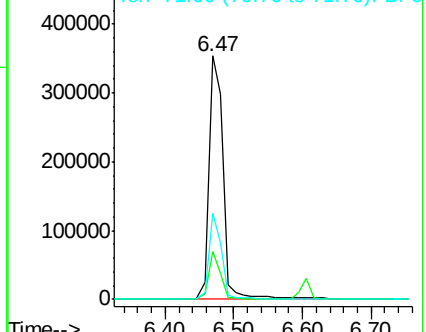
71 35.6 25.6 38.4



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: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082207.D

Acq: 11 Oct 2015 6:40

Tgt Ion: 136 Resp: 331690

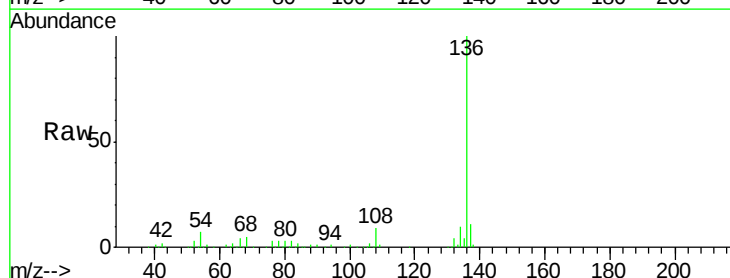
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 7.0 7.5 11.3#

68 4.7 4.6 7.0

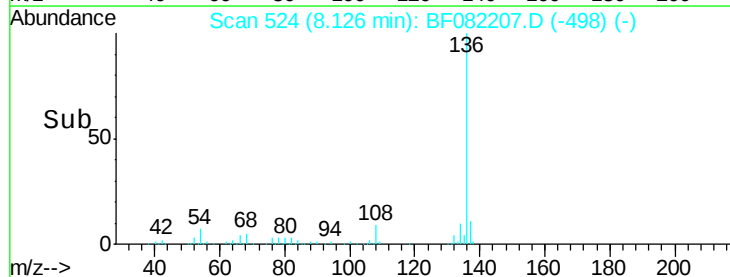
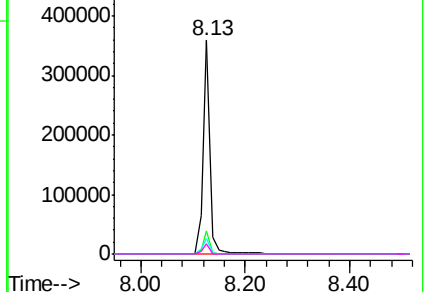


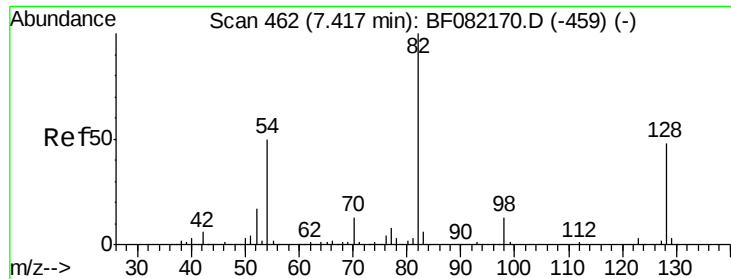
Abundance Ion 136.00 (135.70 to 136.70): E

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

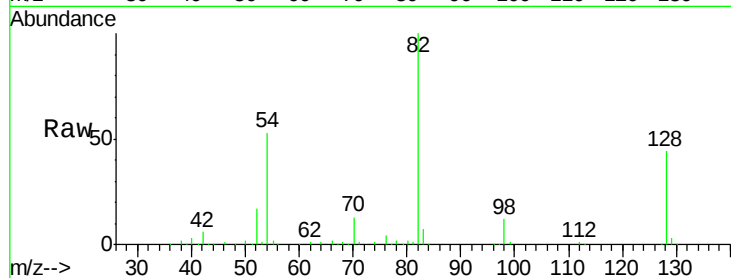




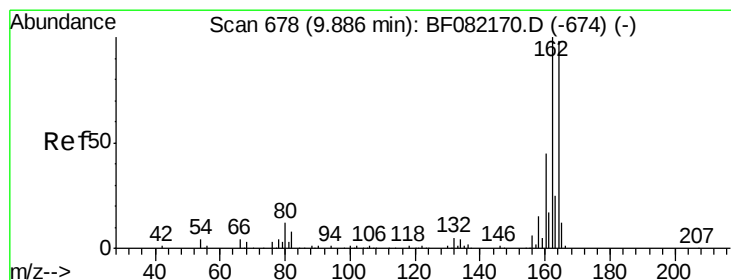
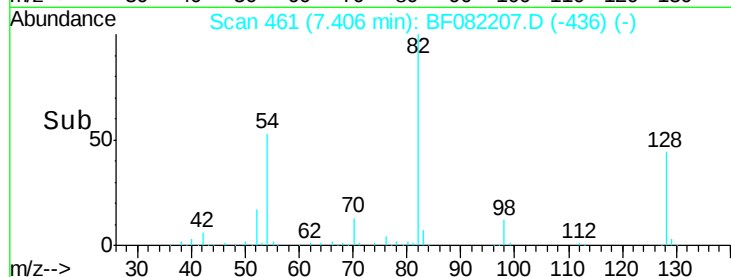
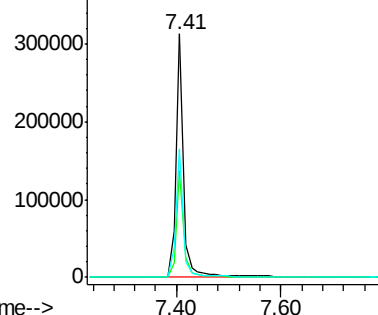
#23
Nitrobenzene-d5
Concen: 65.83 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082207.D
Acq: 11 Oct 2015 6:40

Instrument :
BNA_F
ClientSampleId :
A10COMP

Tgt Ion: 82 Resp: 325150
Ion Ratio Lower Upper
82 100
128 43.7 38.7 58.1
54 52.6 40.1 60.1

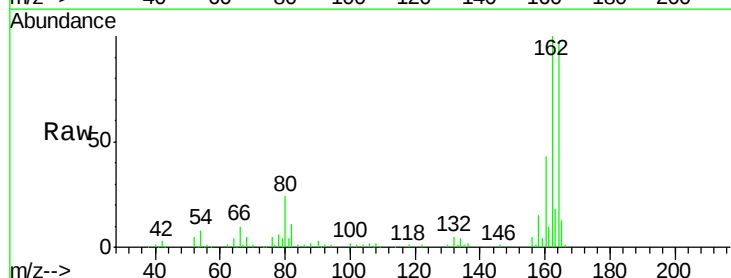


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

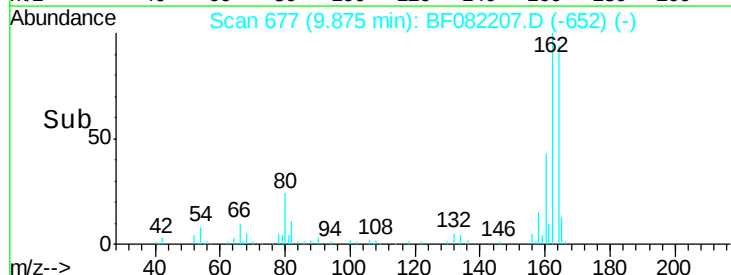
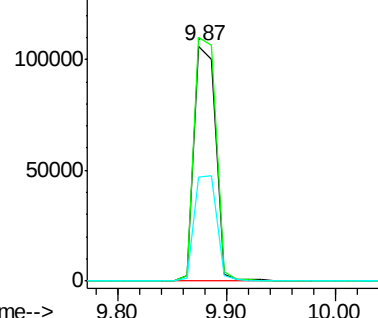


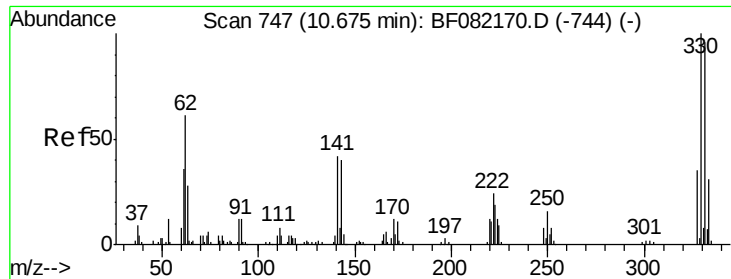
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082207.D
Acq: 11 Oct 2015 6:40

Tgt Ion: 164 Resp: 147076
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 44.5 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

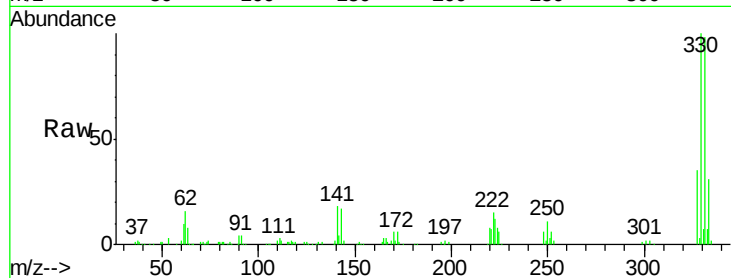




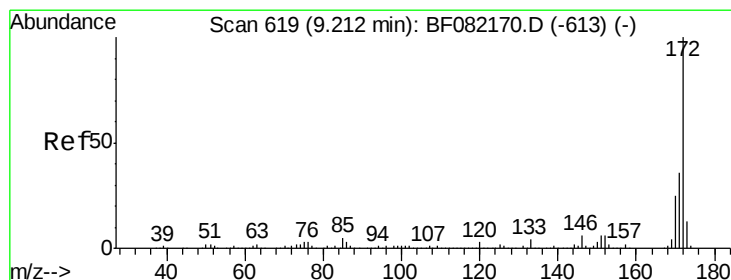
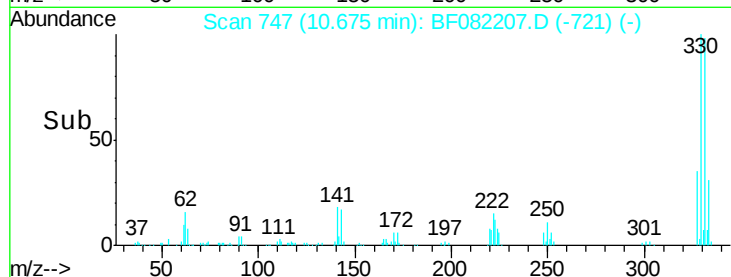
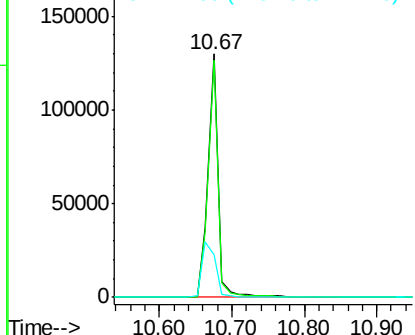
#41
 2,4,6-Tribromophenol
 Concen: 92.36 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082207.D
 Acq: 11 Oct 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 A10COMP

Tgt Ion:330 Resp: 127391
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 30.6 29.8 44.8

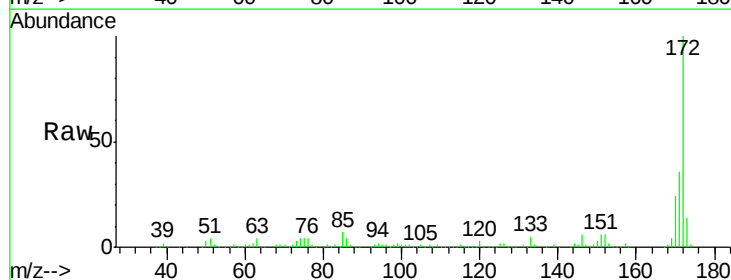


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

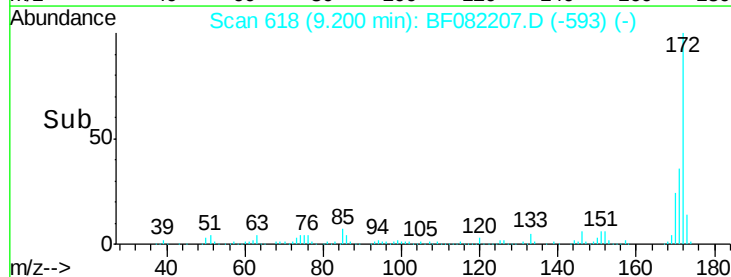
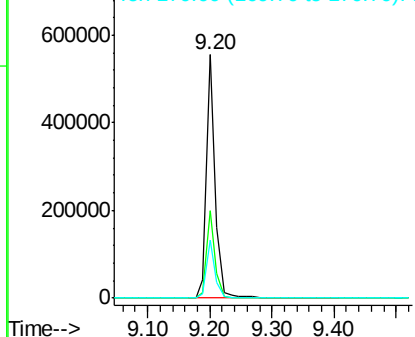


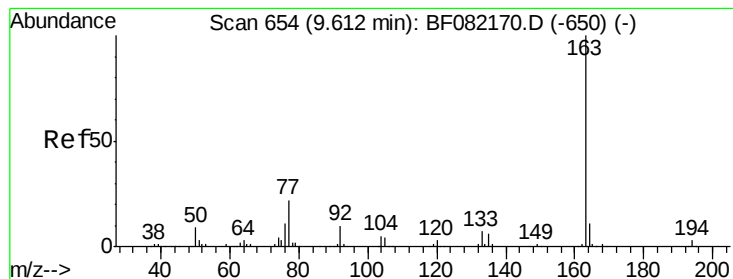
#44
 2-Fluorobiphenyl
 Concen: 62.05 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082207.D
 Acq: 11 Oct 2015 6:40

Tgt Ion:172 Resp: 550294
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 24.1 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: 15.53 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082207.D

Acq: 11 Oct 2015 6:40

Instrument :

BNA_F

ClientSampleId :

A10COMP

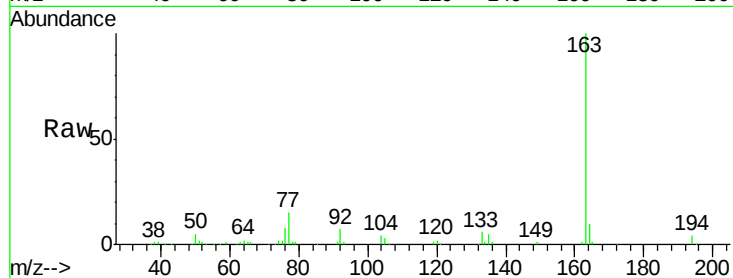
Tgt Ion:163 Resp: 160810

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

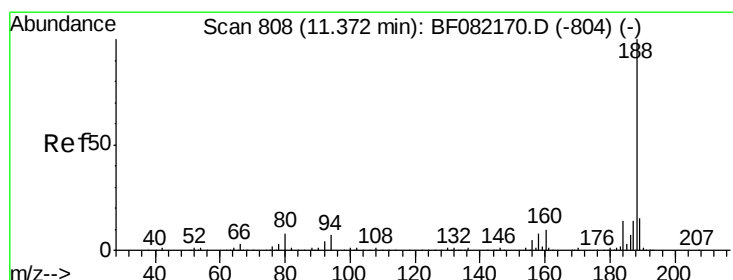
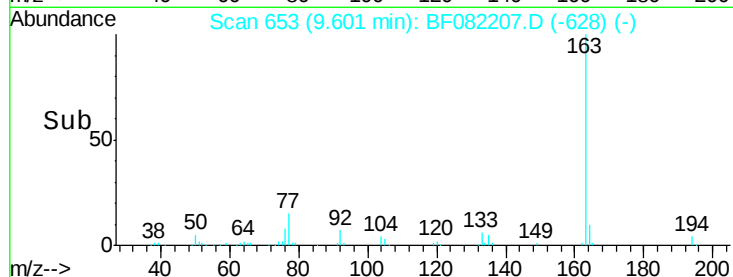
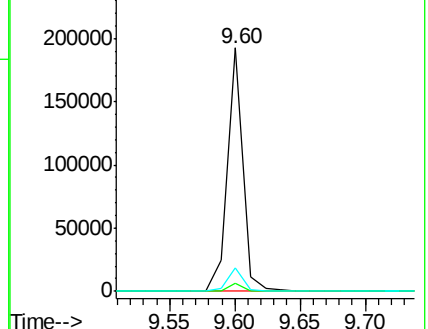
164 9.8 8.5 12.7



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: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082207.D

Acq: 11 Oct 2015 6:40

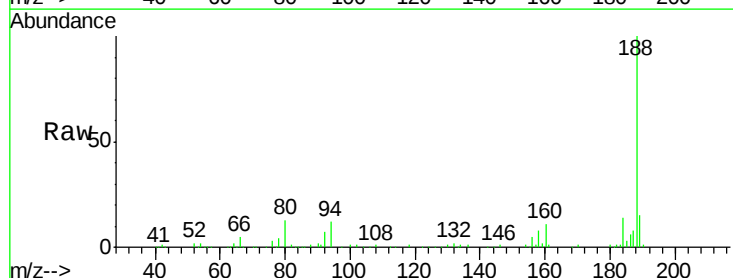
Tgt Ion:188 Resp: 252493

Ion Ratio Lower Upper

188 100

94 11.7 5.8 8.6#

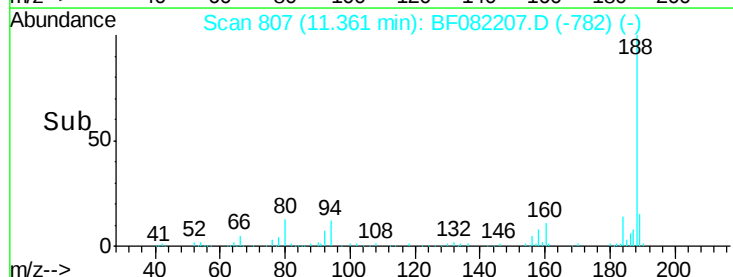
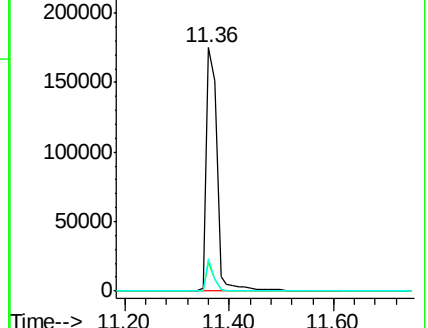
80 13.3 6.4 9.6#

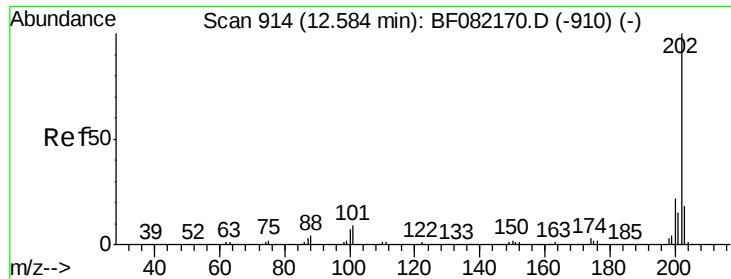


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

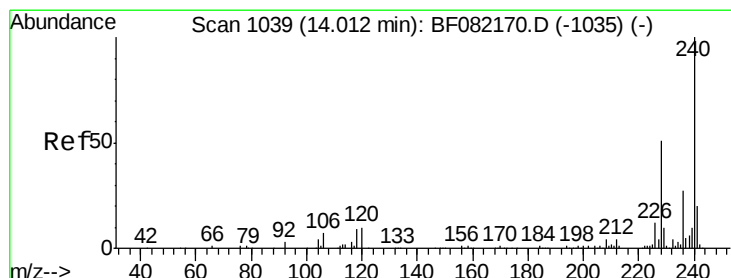
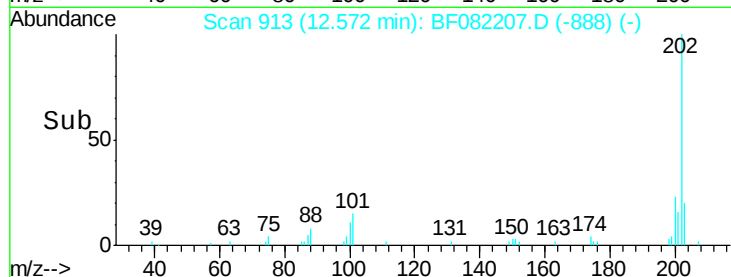
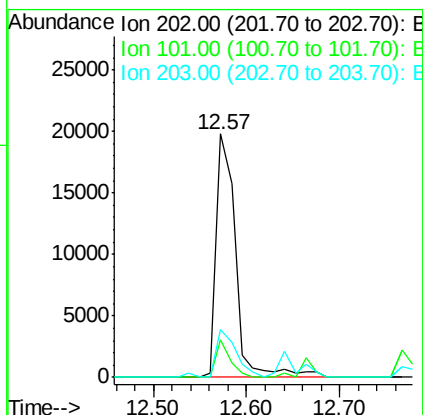
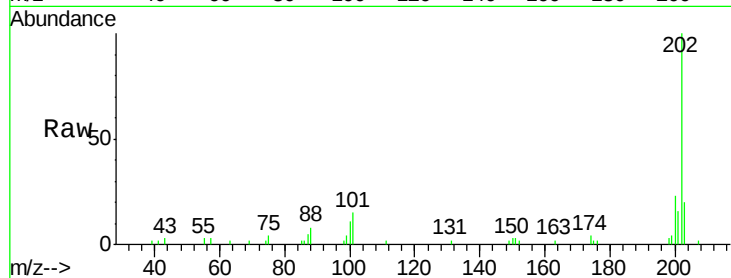




#74
 Fluoranthene
 Concen: 2.14 ng
 RT: 12.57 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF082207.D
 Acq: 11 Oct 2015 6:40

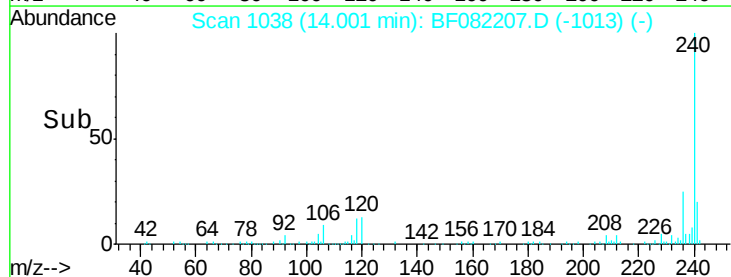
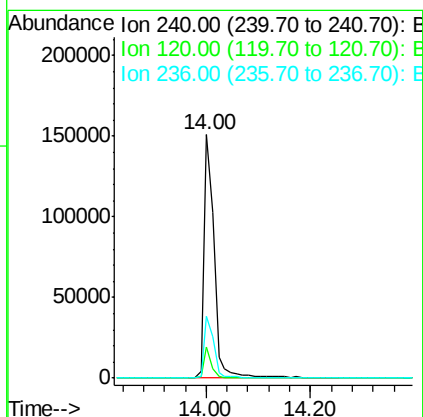
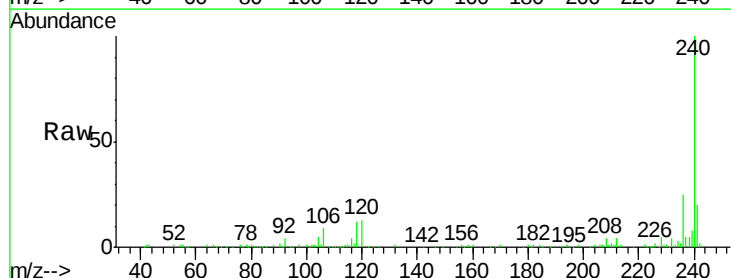
Instrument :
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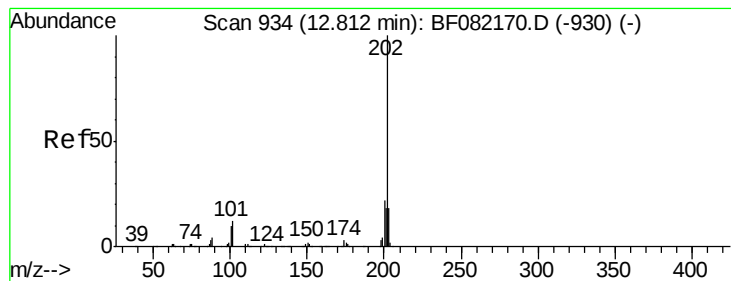
Tgt Ion: 202 Resp: 28389
 Ion Ratio Lower Upper
 202 100
 101 15.4 0.0 29.3
 203 19.6 0.0 37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082207.D
 Acq: 11 Oct 2015 6:40

Tgt Ion: 240 Resp: 203798
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.1 12.1#
 236 25.5 21.3 31.9





#77

Pyrene

Concen: 2.02 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF082207.D

Acq: 11 Oct 2015 6:40

Instrument :

BNA_F

ClientSampleId :

A10COMP

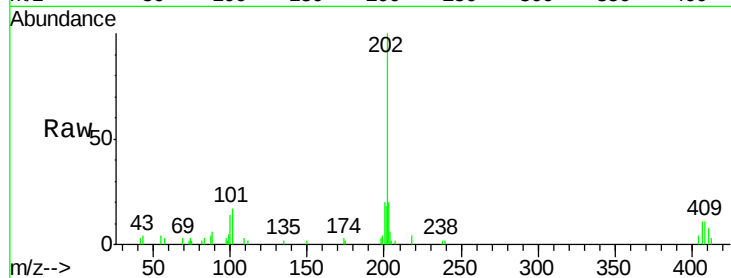
Tgt Ion:202 Resp: 24412

Ion Ratio Lower Upper

202 100

200 19.8 17.9 26.9

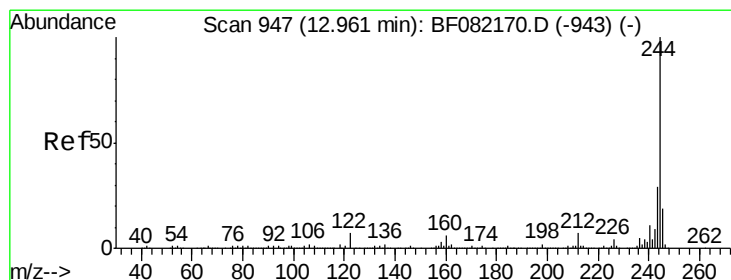
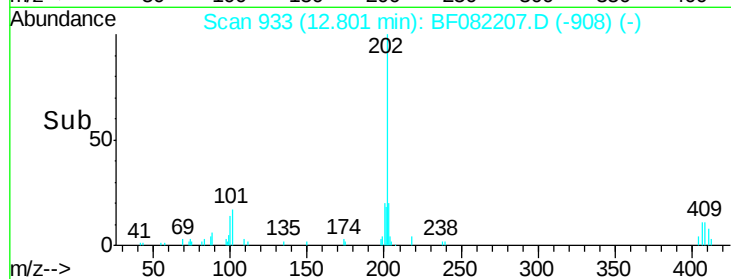
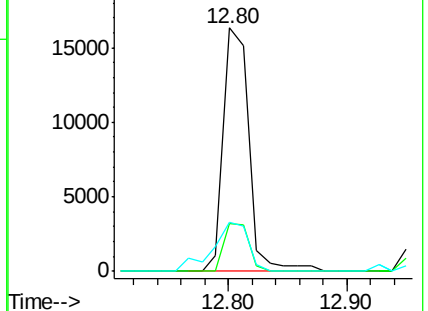
203 20.3 14.5 21.7



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: 53.65 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF082207.D

Acq: 11 Oct 2015 6:40

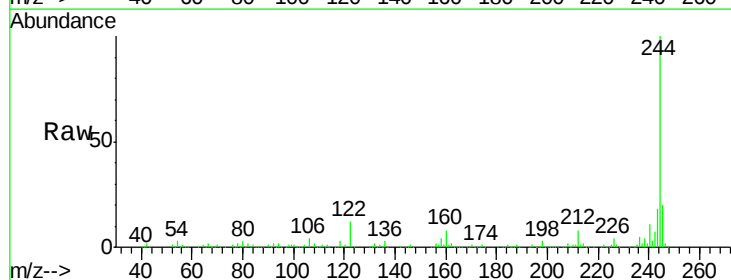
Tgt Ion:244 Resp: 412581

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

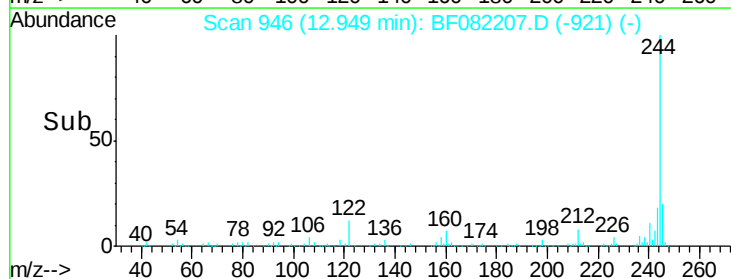
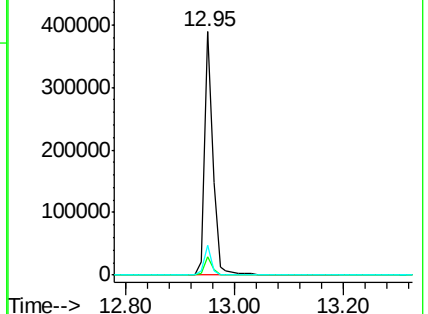
122 12.4 5.9 8.9#

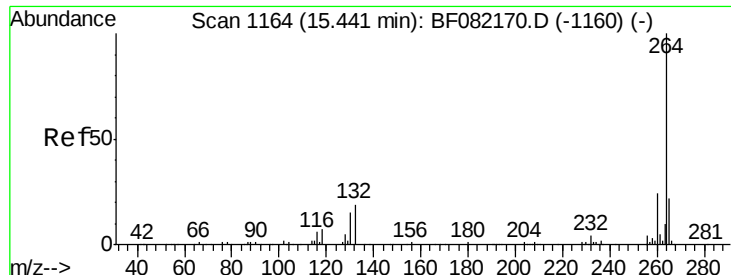


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082207.D
Acq: 11 Oct 2015 6:40

Instrument :
BNA_F
ClientSampleId :
A10COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.2	17.3	25.9

