

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082266.D
 Acq On : 13 Oct 2015 20:58
 Operator : UM/IZ
 Sample : G3998-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-04)

Quant Time: Oct 14 02:05:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

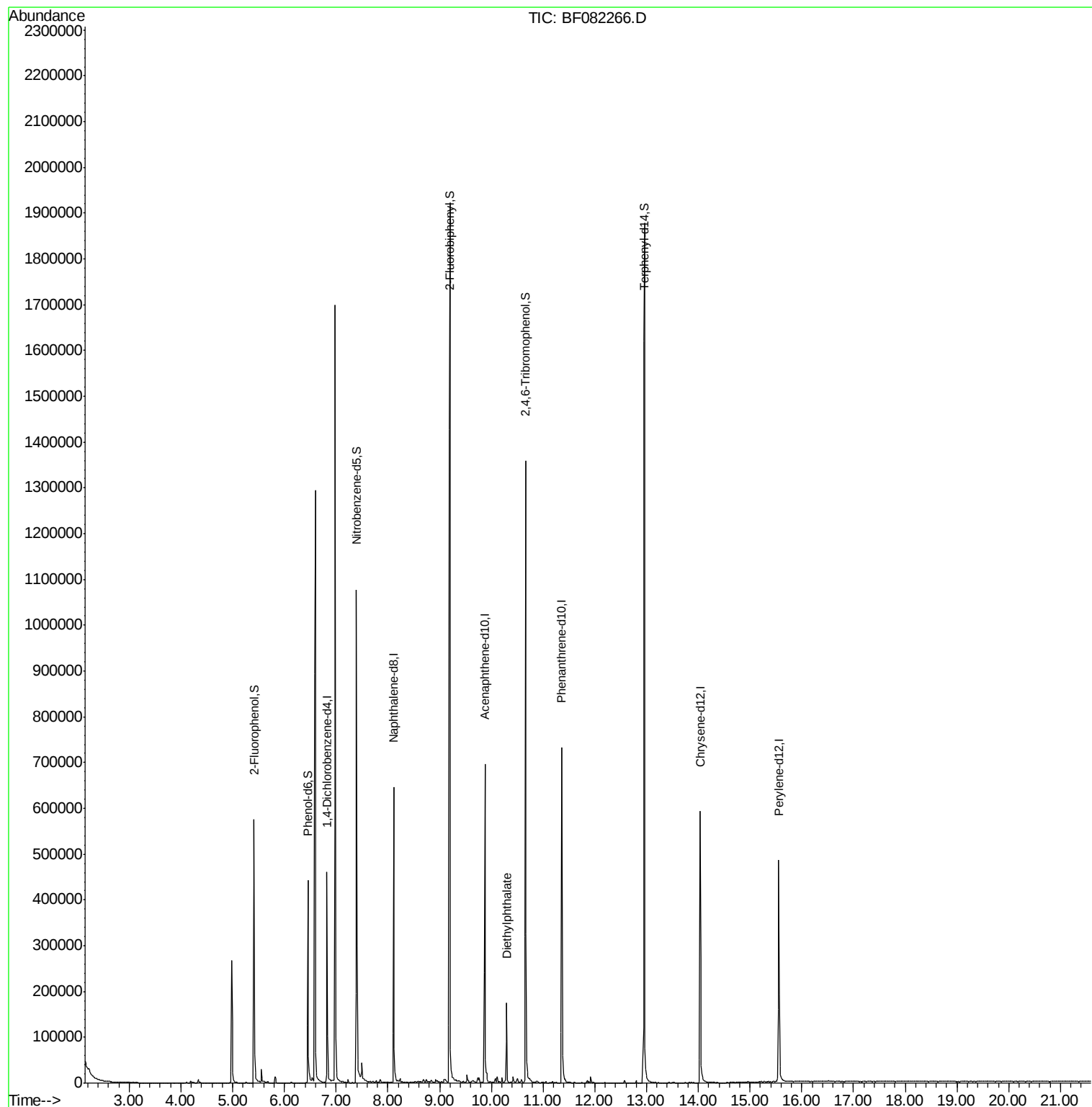
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76658	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	299291	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	153682	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	300275	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	283919	20.00	ng	-0.10
86) Perylene-d12	15.56	264	253555	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	235046	61.88	ng	0.00
7) Phenol-d6	6.46	99	180000	36.42	ng	-0.01
23) Nitrobenzene-d5	7.39	82	420509	94.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	183054	127.01	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	889607	96.00	ng	0.00
78) Terphenyl-d14	12.96	244	926326	86.46	ng	-0.02
Target Compounds						
59) Diethylphthalate	10.30	149	84160	8.34	ng	Qvalue 97

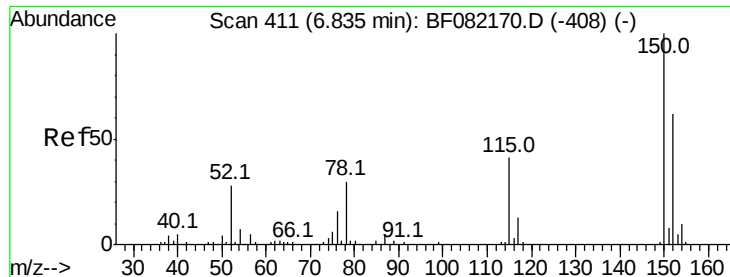
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082266.D

Acq: 13 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-04)

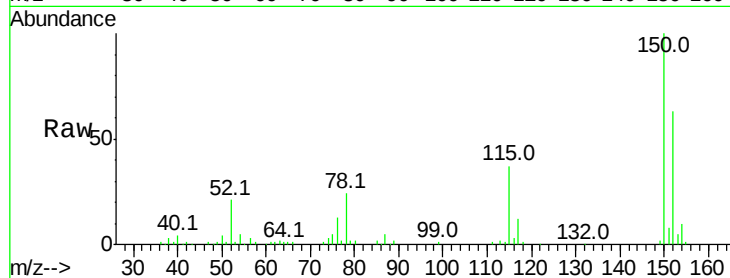
Tot Ion:152 Resp: 76658

Ion Ratio Lower Upper

152 100

150 158.1 129.0 193.4

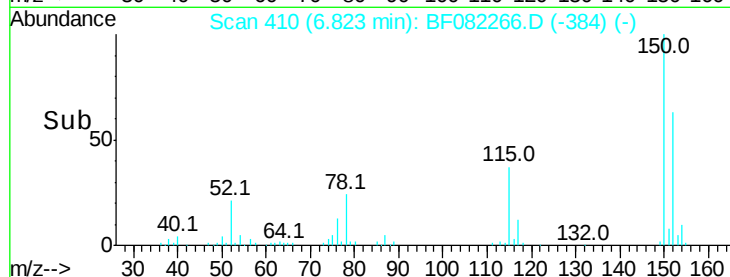
115 59.1 52.1 78.1



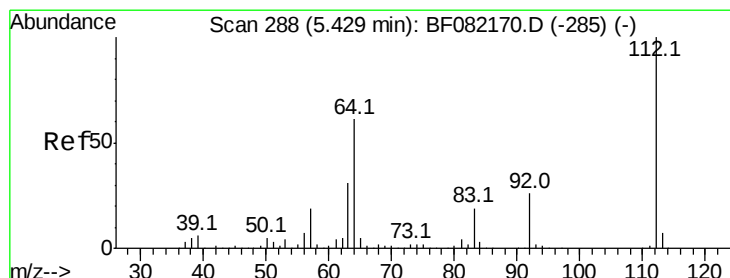
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 61.88 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082266.D

Acq: 13 Oct 2015 20:58

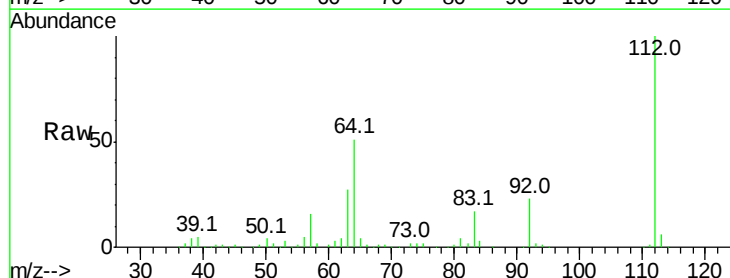
Tgt Ion:112 Resp: 235046

Ion Ratio Lower Upper

112 100

64 51.2 48.6 73.0

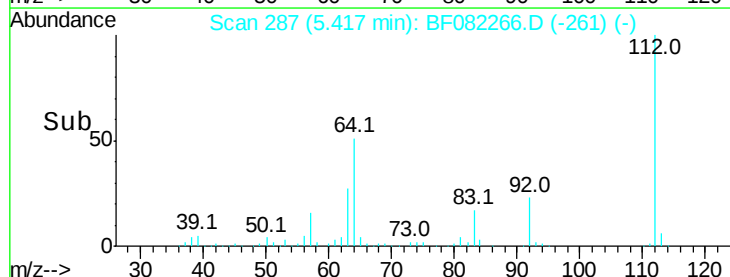
63 26.8 25.1 37.7



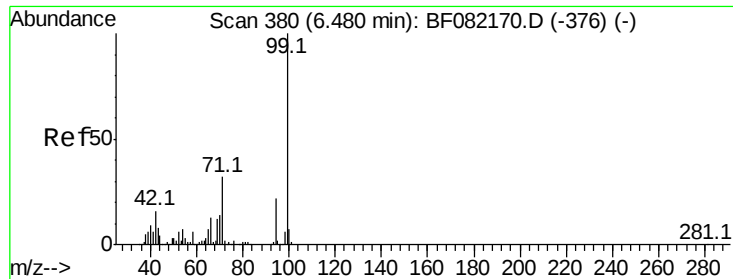
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 36.42 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082266.D

Acq: 13 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-04)

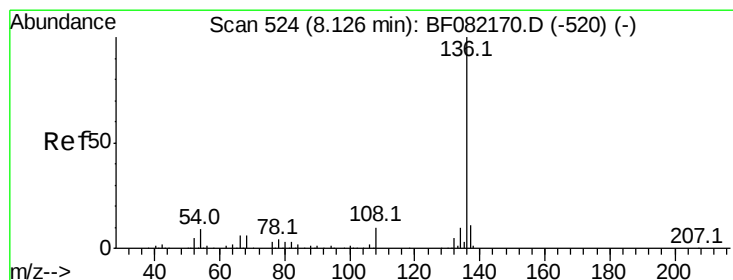
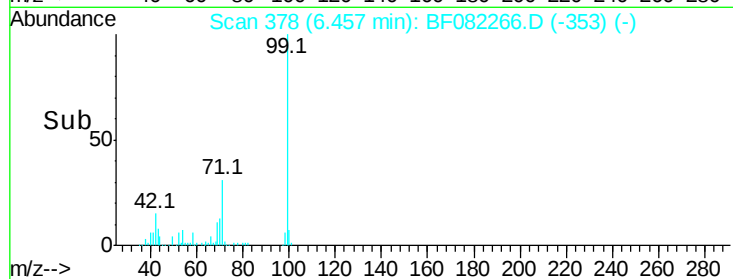
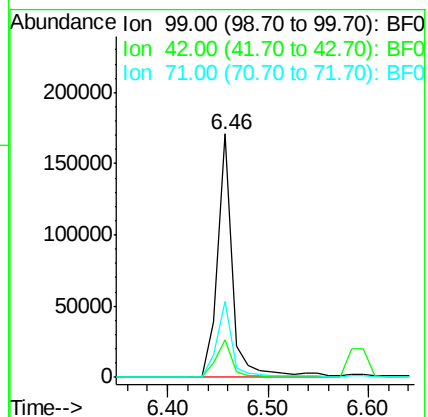
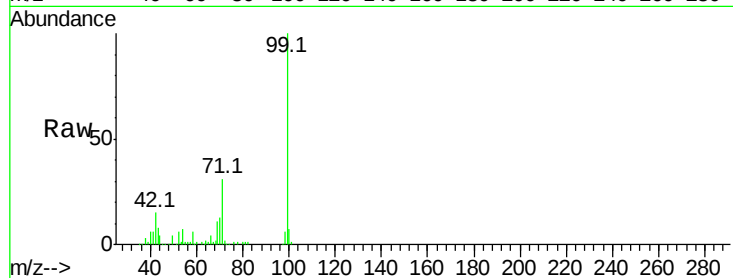
Tot Ion: 99 Resp: 180000

Ion Ratio Lower Upper

99 100

42 15.3 13.2 19.8

71 31.2 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082266.D

Acq: 13 Oct 2015 20:58

Tgt Ion: 136 Resp: 299291

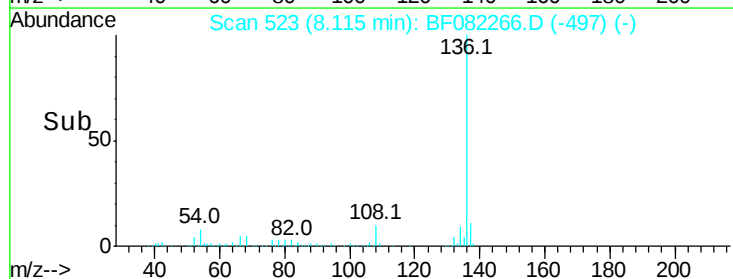
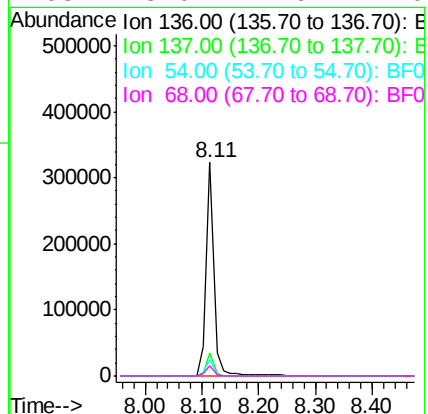
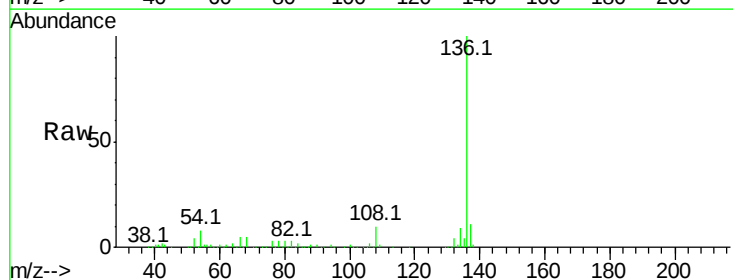
Ion Ratio Lower Upper

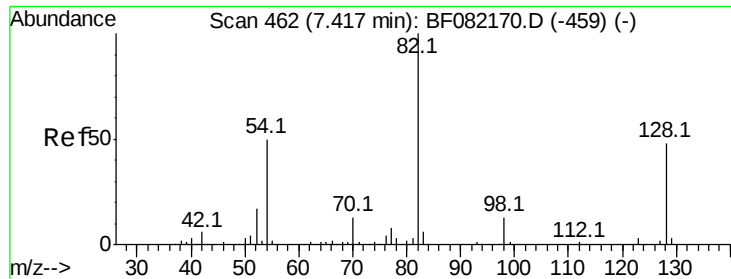
136 100

137 10.7 9.0 13.6

54 7.7 7.5 11.3

68 5.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 94.35 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082266.D

Acq: 13 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-04)

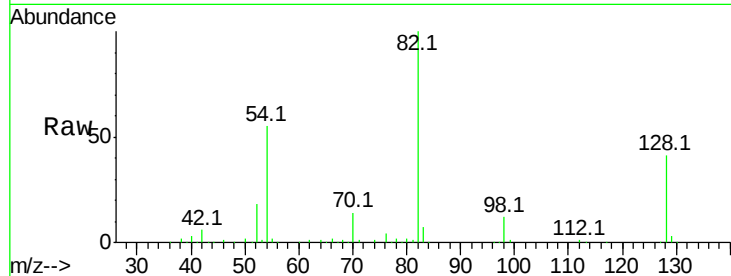
Tot Ion: 82 Resp: 420509

Ion Ratio Lower Upper

82 100

128 40.6 38.7 58.1

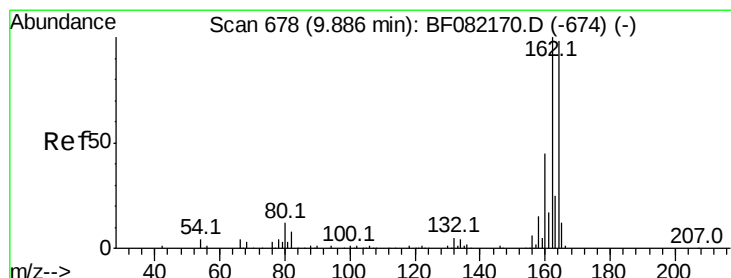
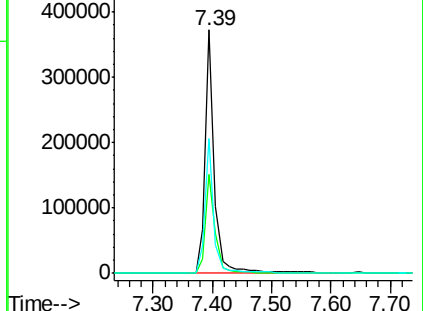
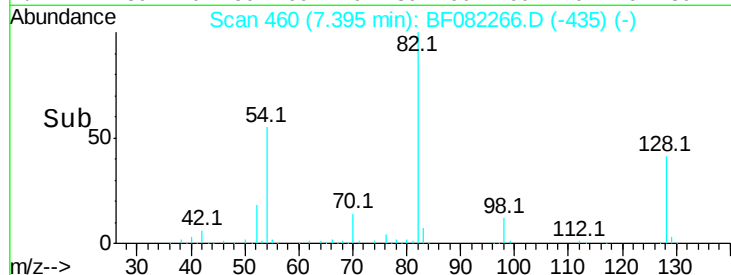
54 55.4 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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. 0.00 min

Lab File: BF082266.D

Acq: 13 Oct 2015 20:58

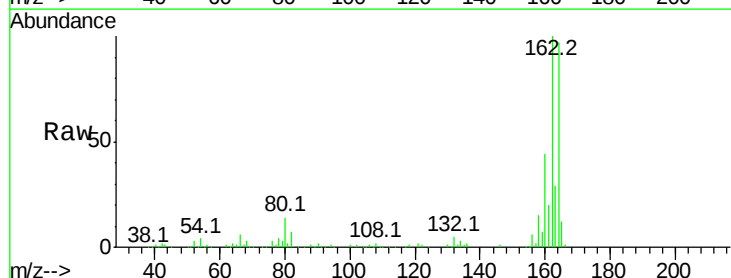
Tgt Ion:164 Resp: 153682

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

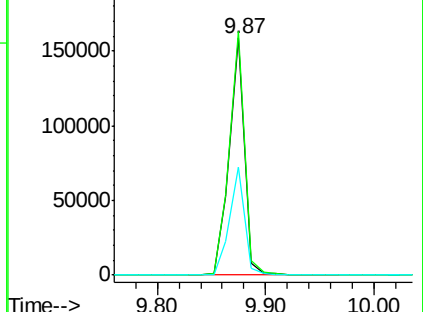
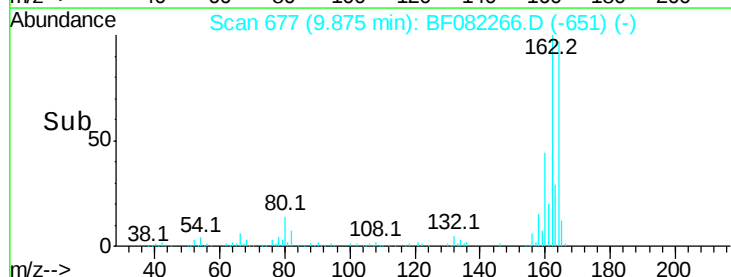
160 45.5 36.4 54.6

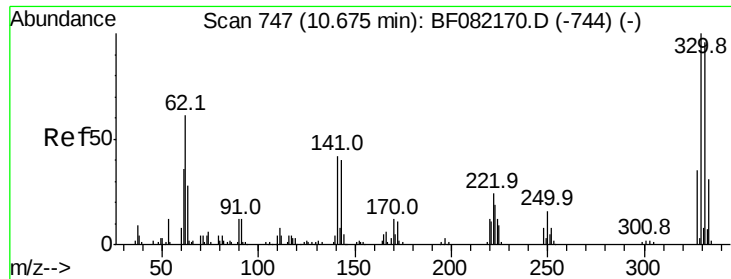


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

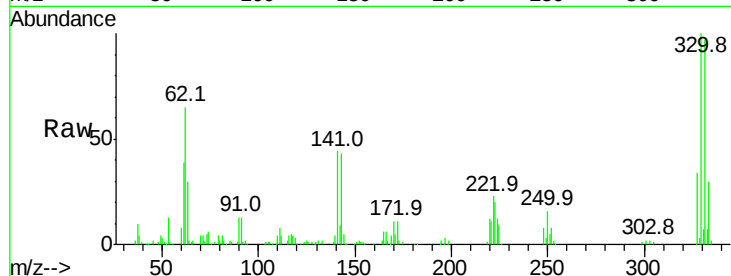




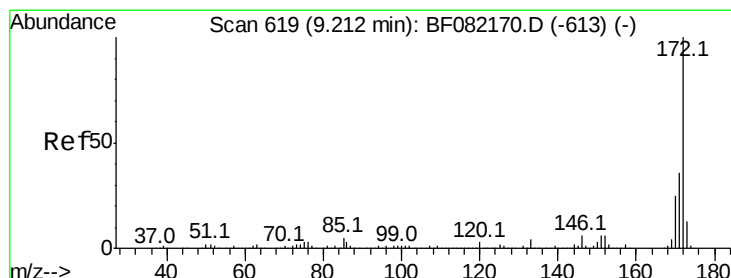
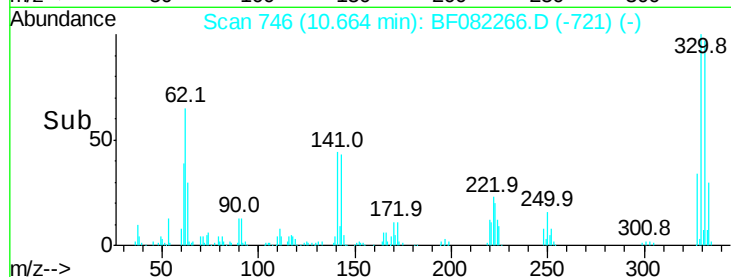
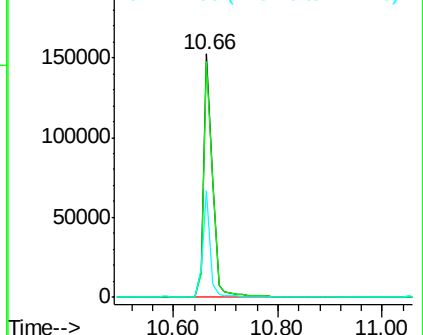
#41
 2,4,6-Tribromophenol
 Concen: 127.01 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082266.D
 Acq: 13 Oct 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-04)

Tot Ion:330 Resp: 183054
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.1 115.7
 141 37.8 29.8 44.8

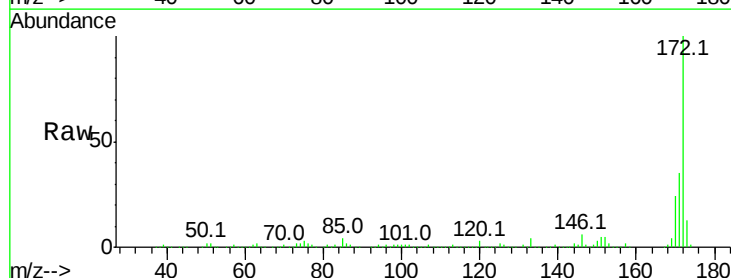


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

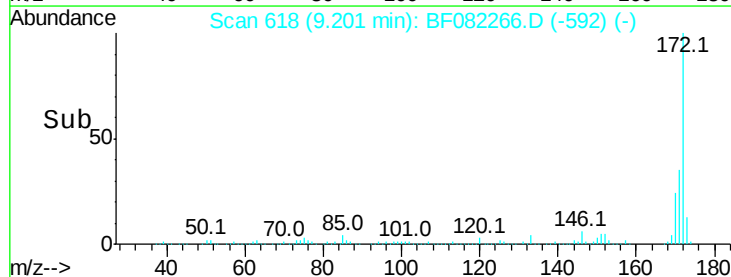
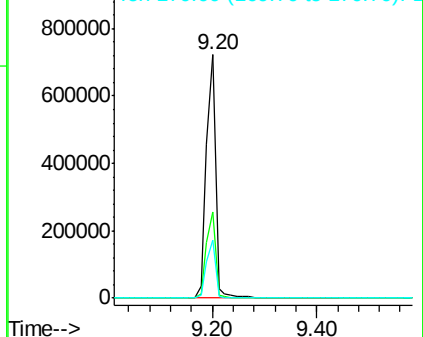


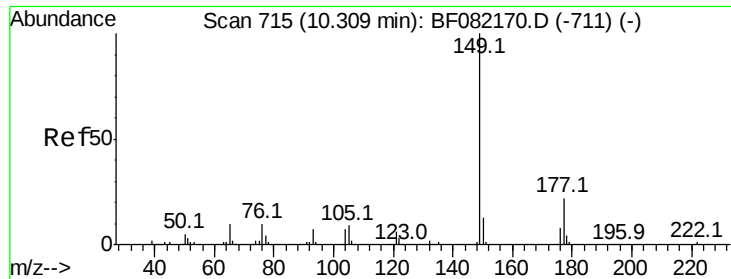
#44
 2-Fluorobiphenyl
 Concen: 96.00 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082266.D
 Acq: 13 Oct 2015 20:58

Tgt Ion:172 Resp: 889607
 Ion Ratio Lower Upper
 172 100
 171 35.4 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

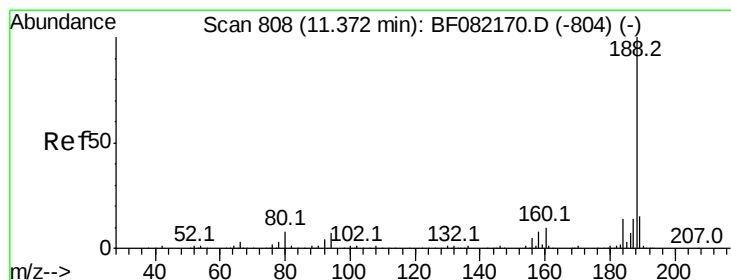
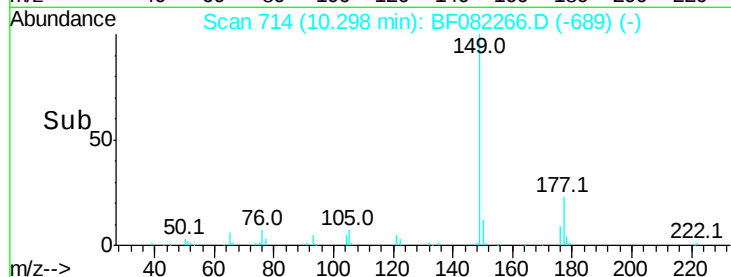
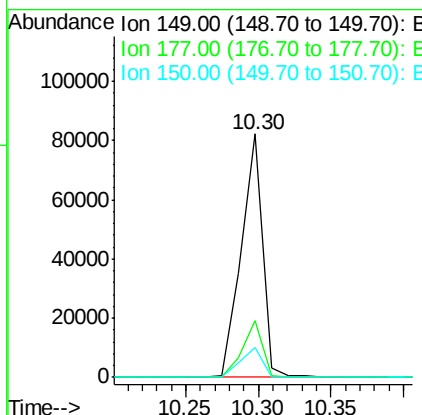
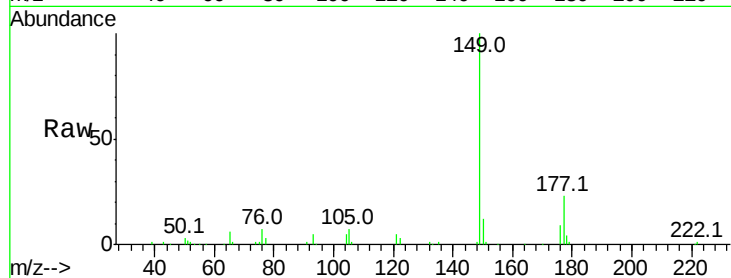




#59
Diethylphthalate
Concen: 8.34 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082266.D
Acq: 13 Oct 2015 20:58

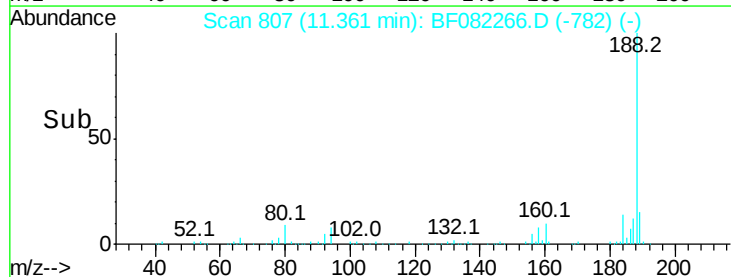
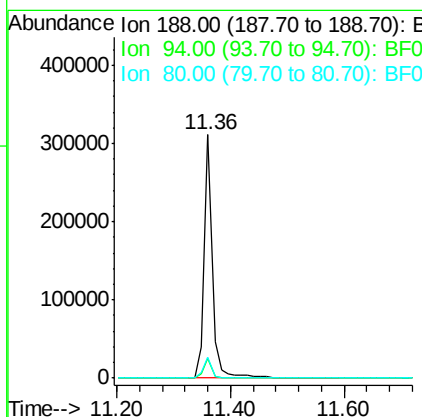
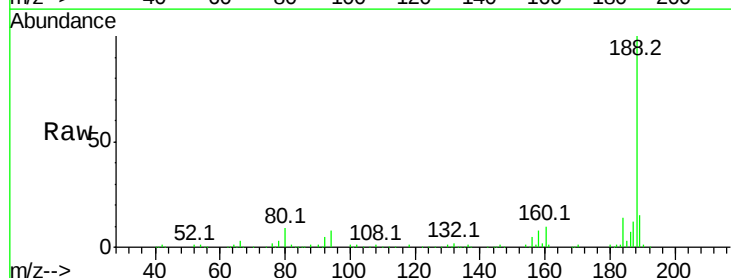
Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-04)

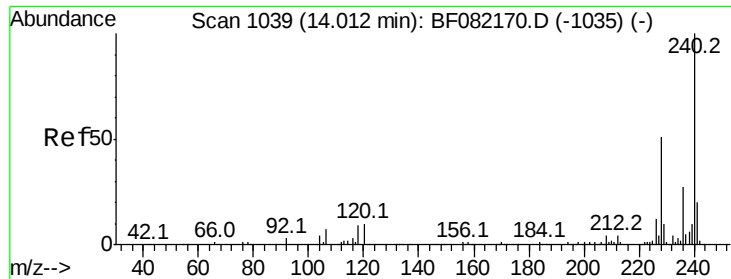
Tot Ion:149 Resp: 84160
Ion Ratio Lower Upper
149 100
177 23.4 17.6 26.4
150 12.2 10.3 15.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082266.D
Acq: 13 Oct 2015 20:58

Tgt Ion:188 Resp: 300275
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 8.6 6.4 9.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF082266.D

Acq: 13 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-04)

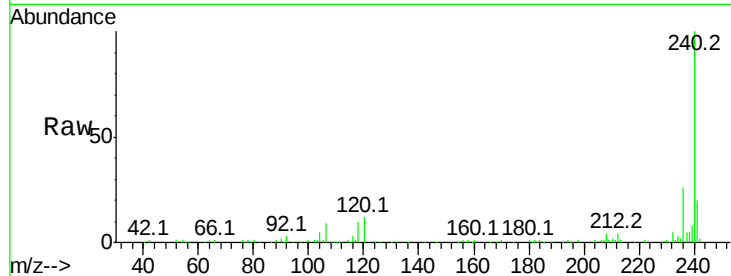
Tot Ion:240 Resp: 283919

Ion Ratio Lower Upper

240 100

120 11.9 8.1 12.1

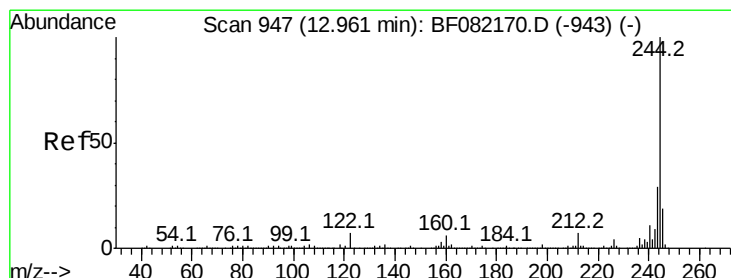
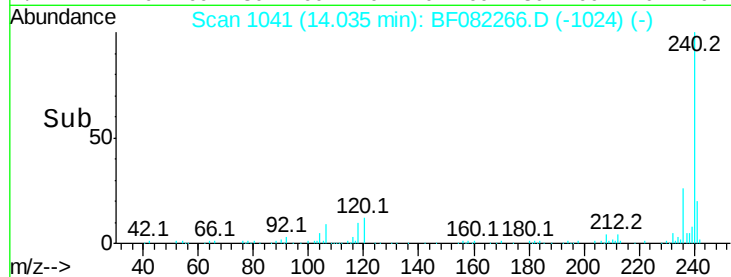
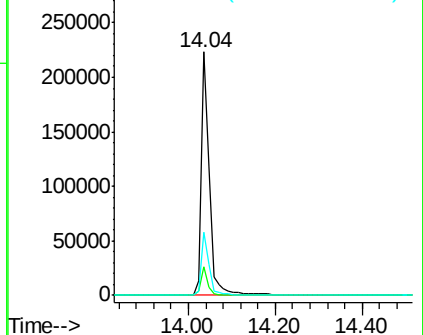
236 26.1 21.3 31.9



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



#78

Terphenyl-d14

Concen: 86.46 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082266.D

Acq: 13 Oct 2015 20:58

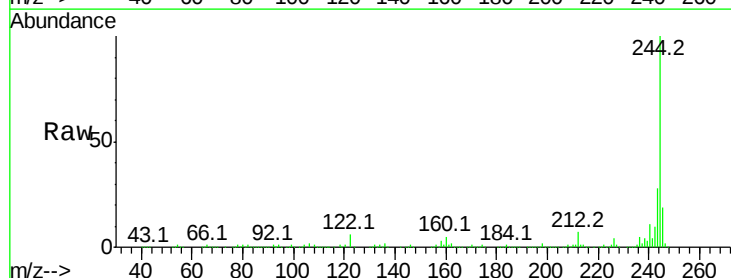
Tgt Ion:244 Resp: 926326

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

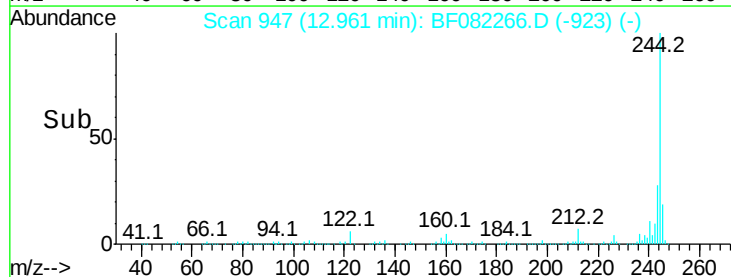
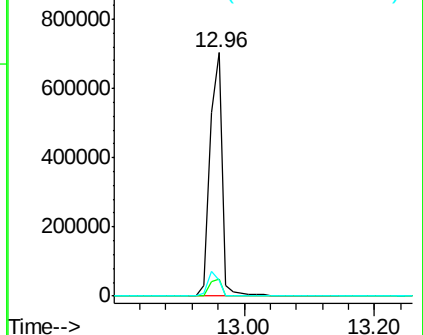
122 6.3 5.9 8.9

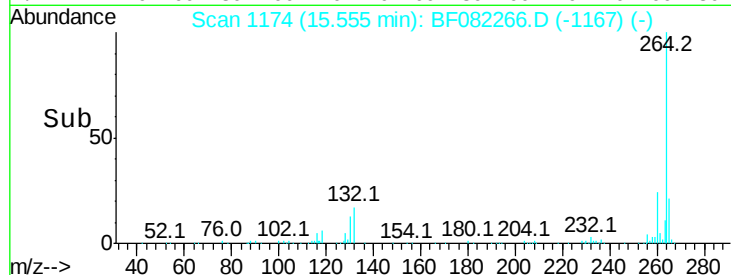
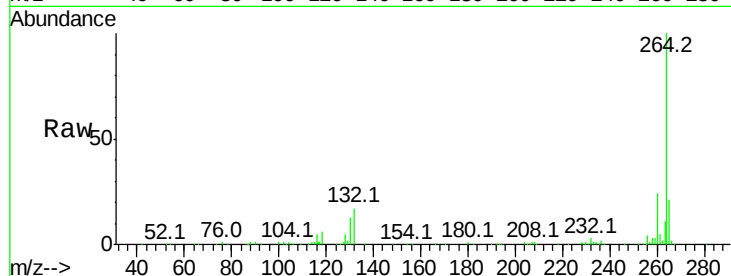
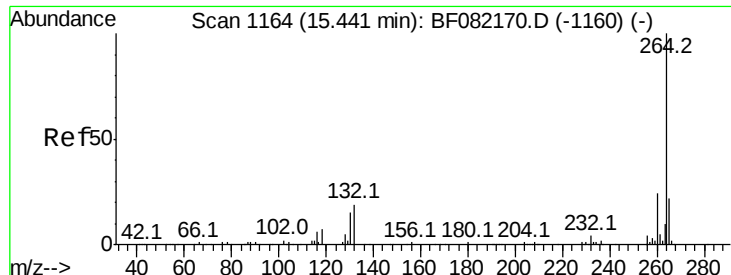


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. -0.22 min
 Lab File: BF082266.D
 Acq: 13 Oct 2015 20:58

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-04)

Tot Ion:	264	Resp:	253555
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.0	28.6
265	21.4	17.3	25.9

