

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082263.D
 Acq On : 13 Oct 2015 19:32
 Operator : UM/IZ
 Sample : G3998-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)

Quant Time: Oct 14 01:59:18 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

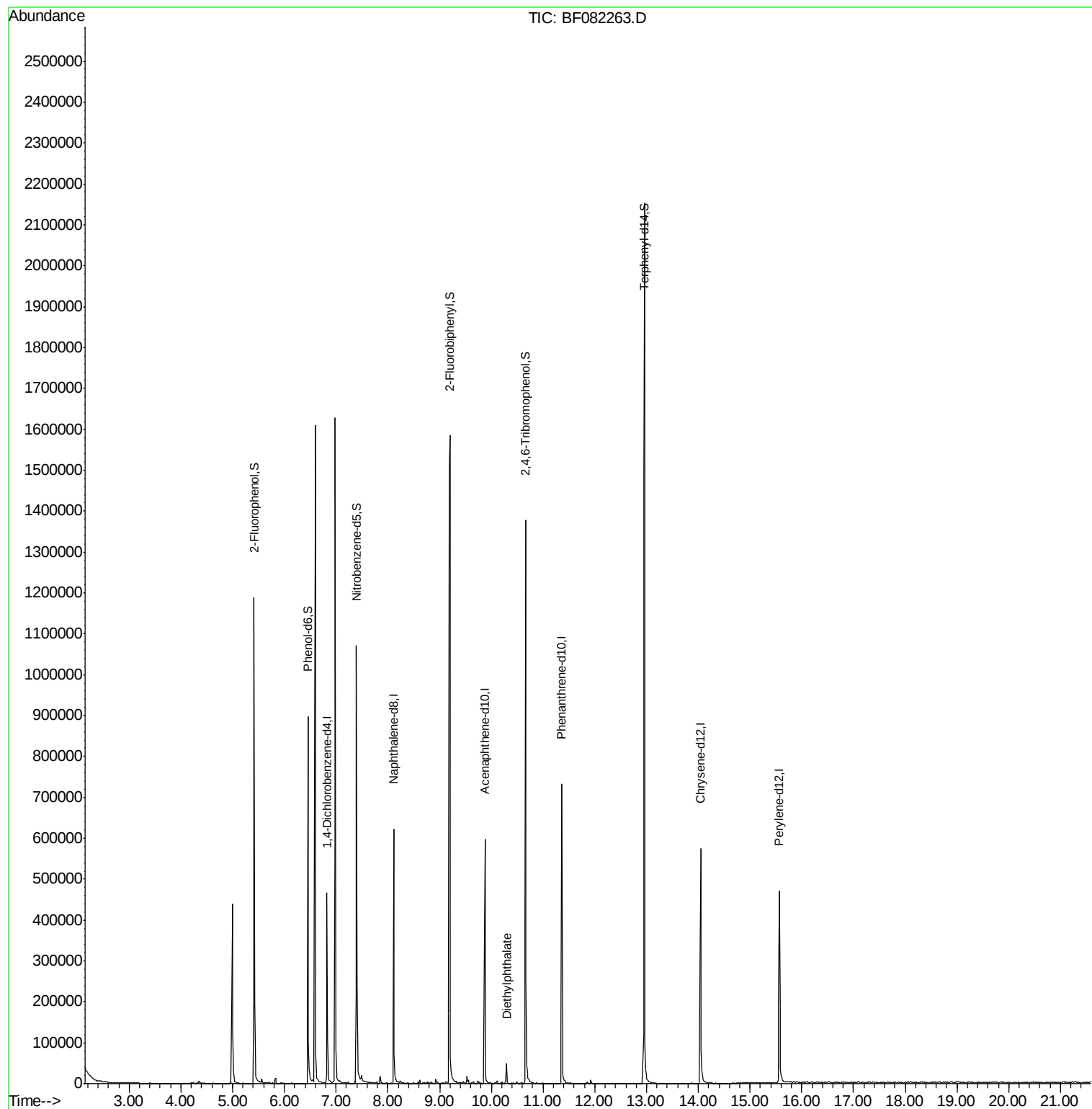
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79958	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	303935	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148109	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	302495	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	299585	20.00	ng	-0.09
86) Perylene-d12	15.57	264	255382	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	331364	83.64	ng	0.00
7) Phenol-d6	6.46	99	331966	64.39	ng	-0.01
23) Nitrobenzene-d5	7.39	82	410909	90.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	182954	131.72	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	844700	94.58	ng	0.00
78) Terphenyl-d14	12.96	244	972930	86.06	ng	-0.02
Target Compounds						
59) Diethylphthalate	10.30	149	29078	2.99	ng	Qvalue 95

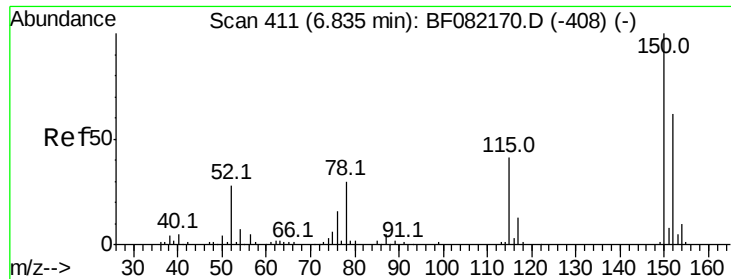
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)

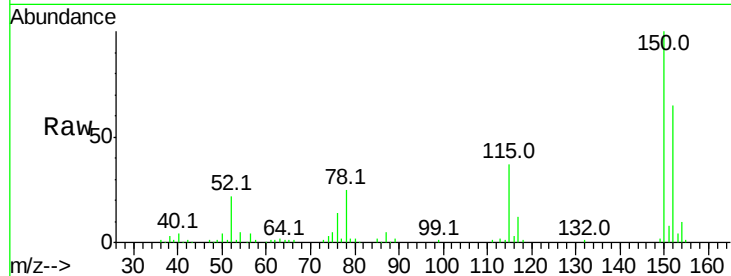
Tot Ion:152 Resp: 79958

Ion Ratio Lower Upper

152 100

150 153.6 129.0 193.4

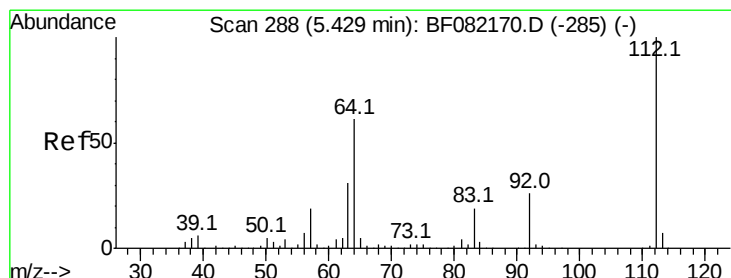
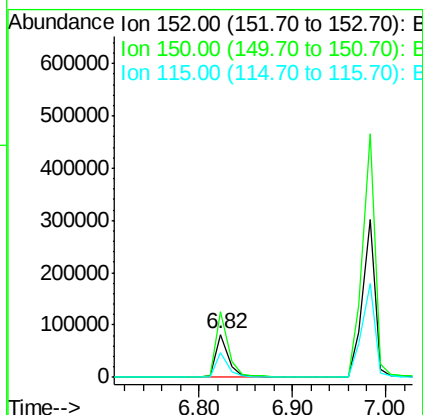
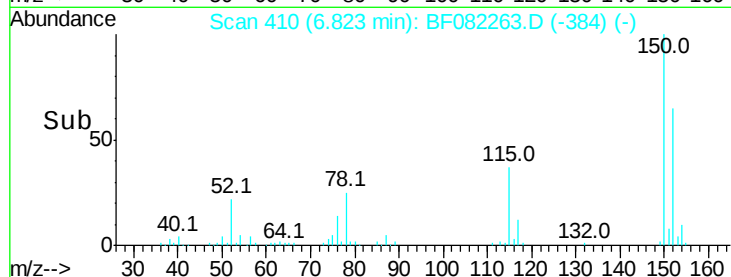
115 56.9 52.1 78.1



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: 83.64 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

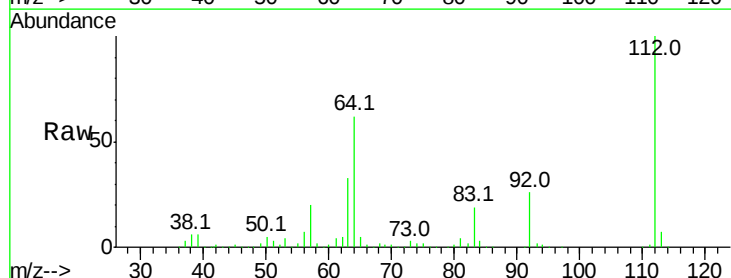
Tgt Ion:112 Resp: 331364

Ion Ratio Lower Upper

112 100

64 61.7 48.6 73.0

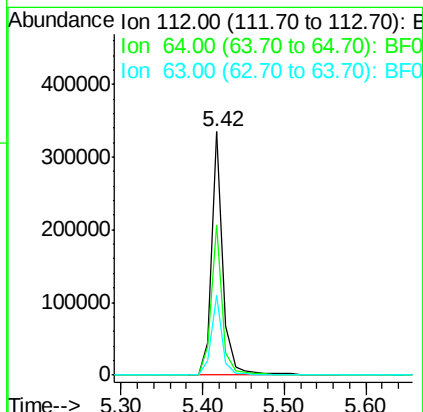
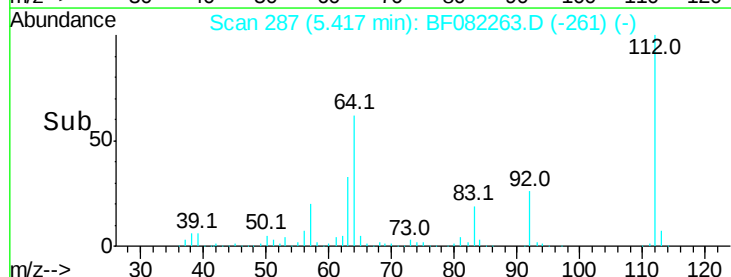
63 33.0 25.1 37.7



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: 64.39 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)

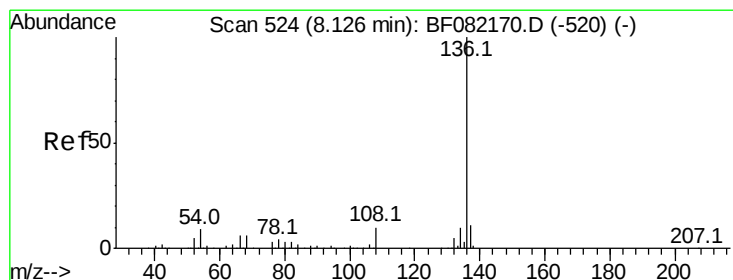
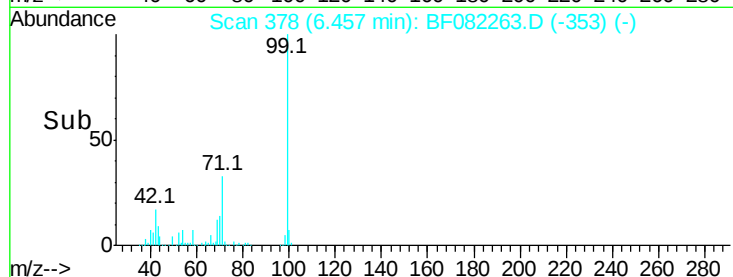
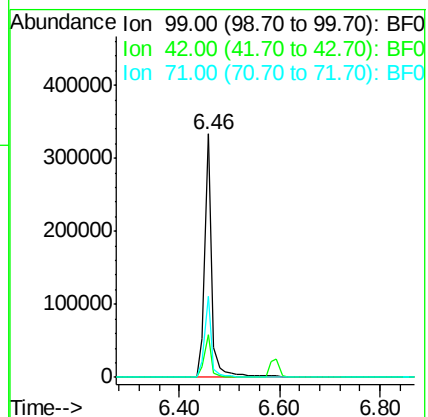
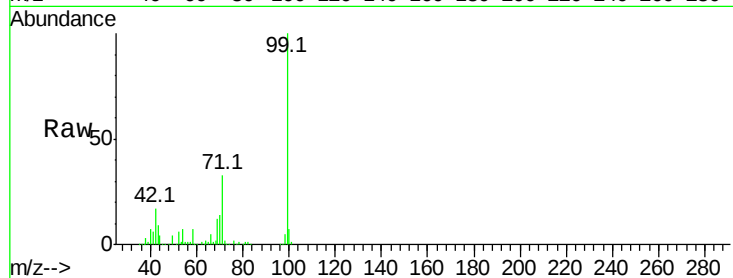
Tot Ion: 99 Resp: 331966

Ion Ratio Lower Upper

99 100

42 17.3 13.2 19.8

71 33.3 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: BF082263.D

Acq: 13 Oct 2015 19:32

Tgt Ion: 136 Resp: 303935

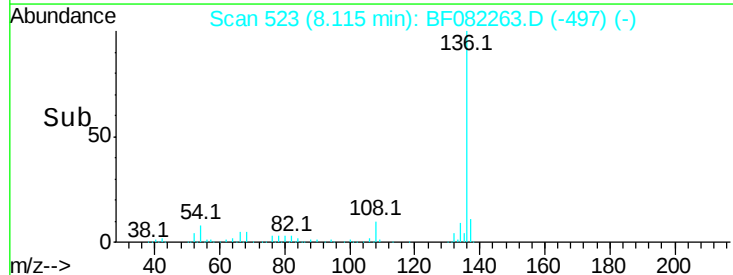
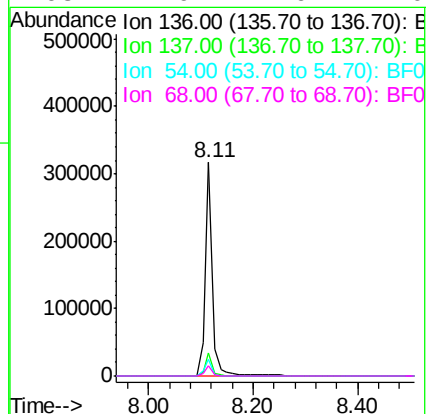
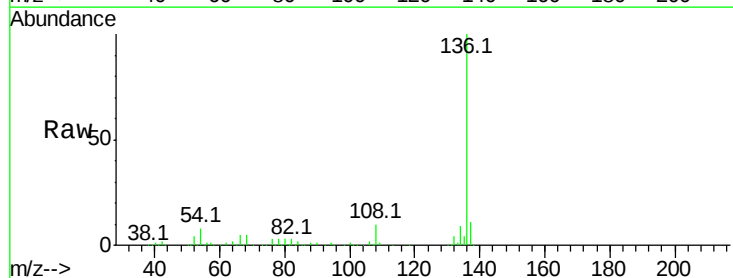
Ion Ratio Lower Upper

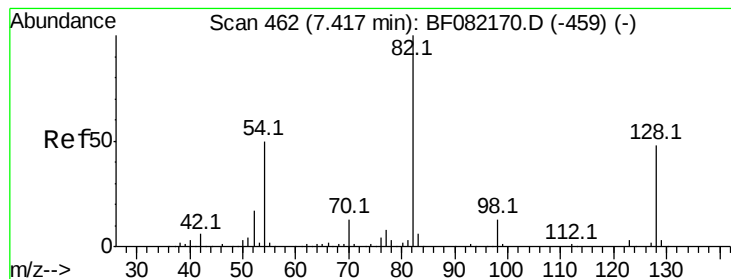
136 100

137 10.9 9.0 13.6

54 7.6 7.5 11.3

68 4.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 90.79 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)

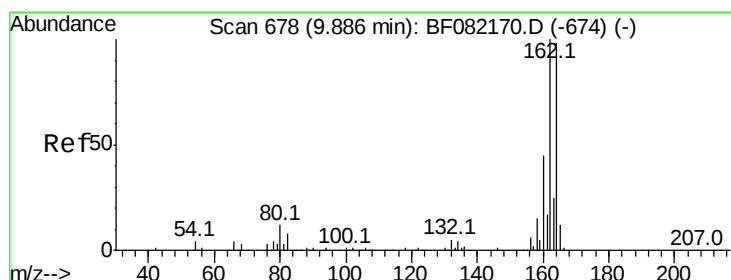
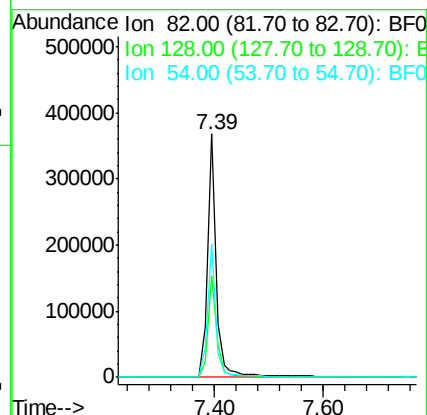
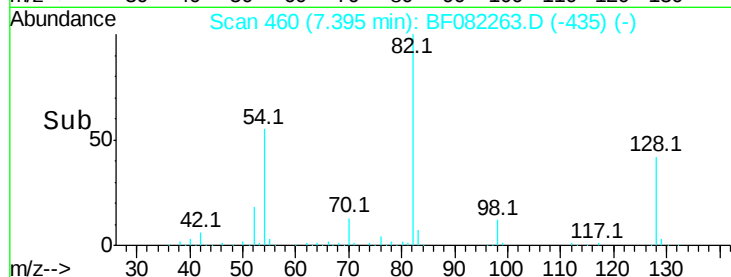
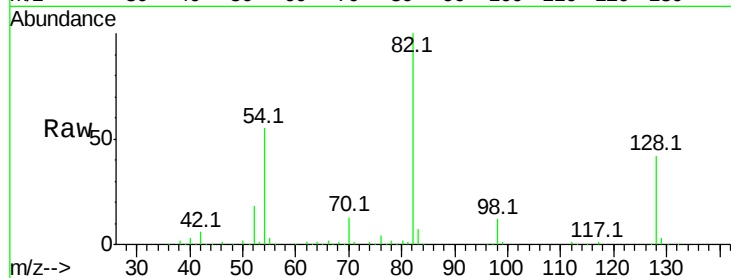
Tot Ion: 82 Resp: 410909

Ion Ratio Lower Upper

82 100

128 41.7 38.7 58.1

54 54.9 40.1 60.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

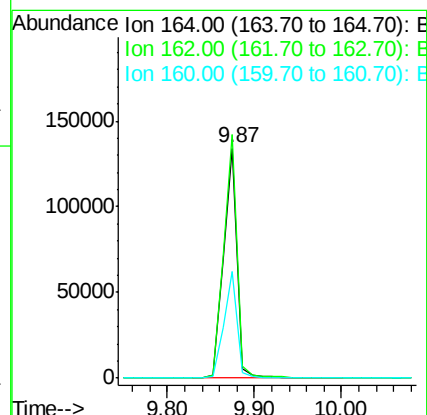
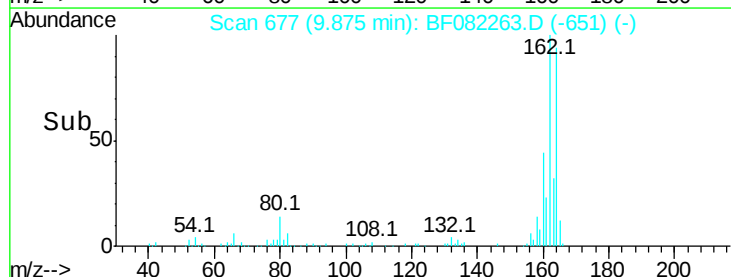
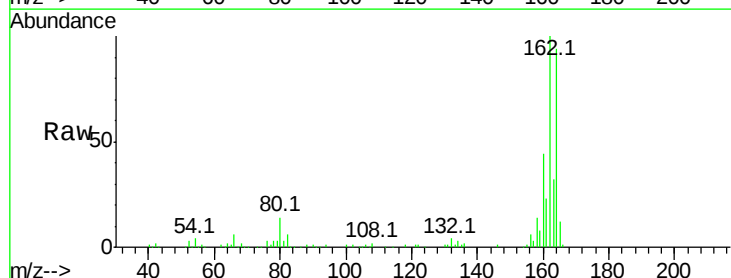
Tgt Ion:164 Resp: 148109

Ion Ratio Lower Upper

164 100

162 105.9 81.6 122.4

160 46.1 36.4 54.6

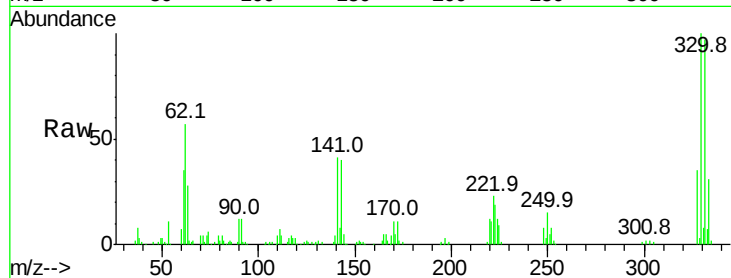




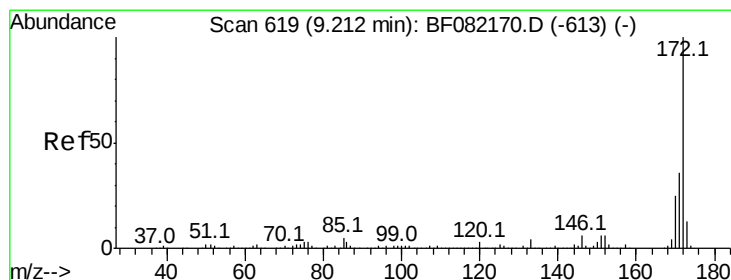
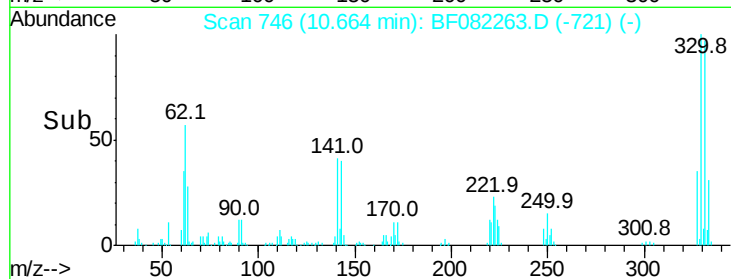
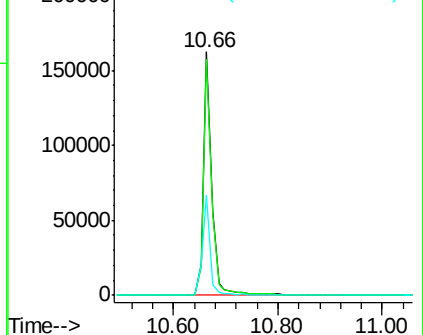
#41
 2,4,6-Tribromophenol
 Concen: 131.72 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082263.D
 Acq: 13 Oct 2015 19:32

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-03)

Tot Ion:330 Resp: 182954
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 38.9 29.8 44.8

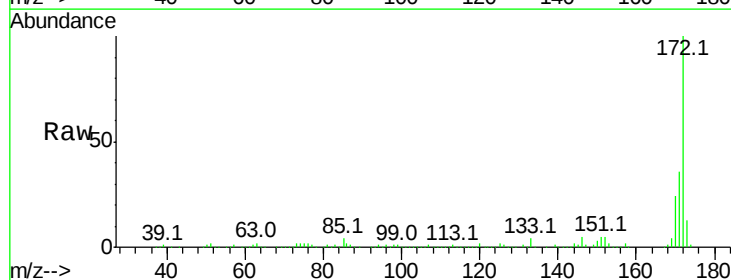


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

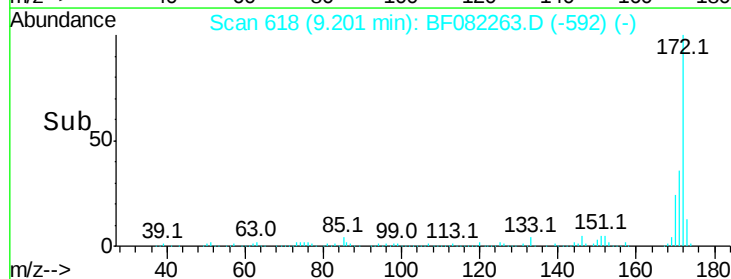
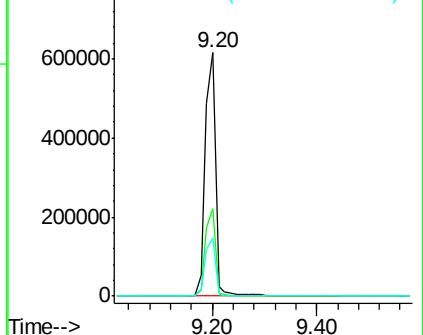


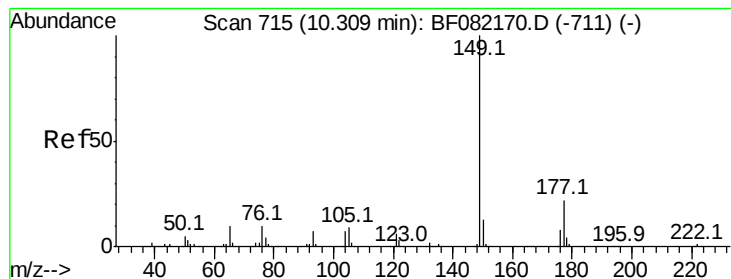
#44
 2-Fluorobiphenyl
 Concen: 94.58 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082263.D
 Acq: 13 Oct 2015 19:32

Tgt Ion:172 Resp: 844700
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.8 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: 2.99 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-03)

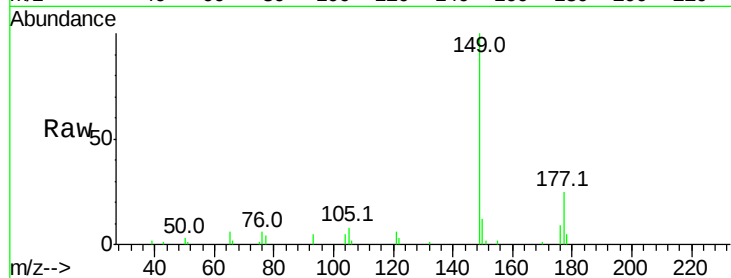
Tot Ion:149 Resp: 29078

Ion Ratio Lower Upper

149 100

177 25.3 17.6 26.4

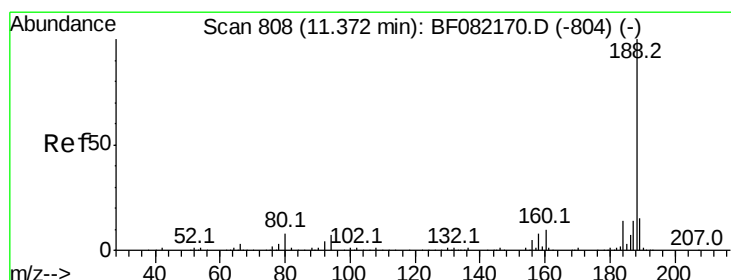
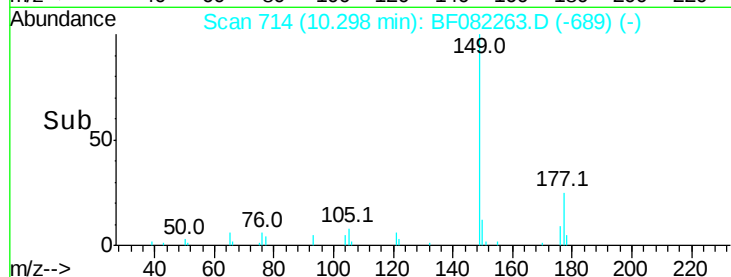
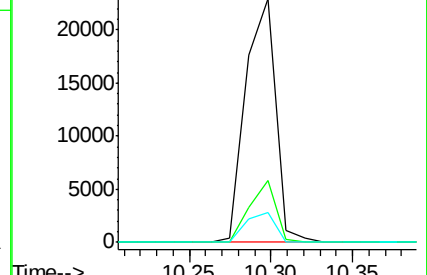
150 12.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

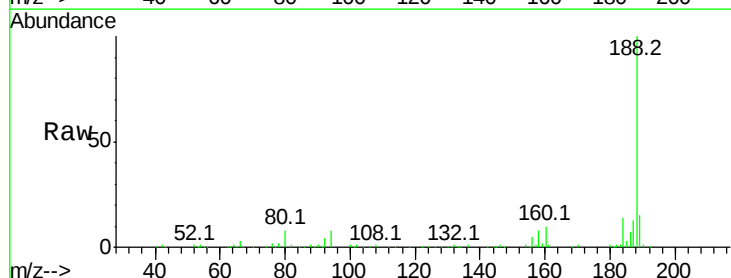
Tgt Ion:188 Resp: 302495

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

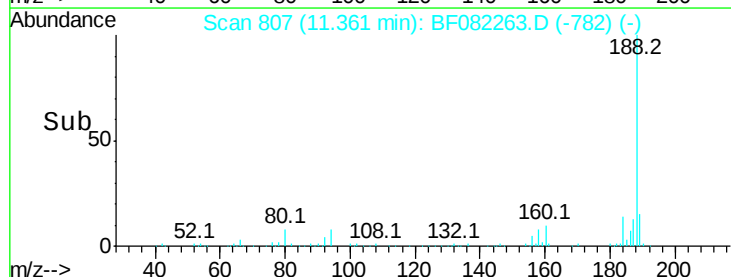
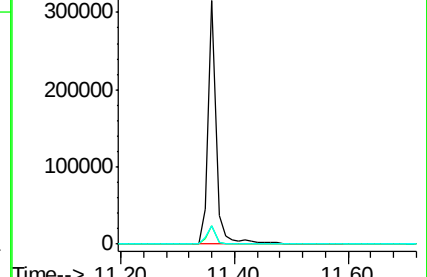
80 7.8 6.4 9.6

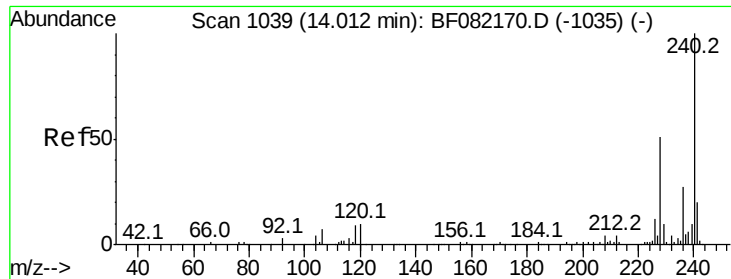


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

Instrument :

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ClientSampleId :

IM-MLA-(1.5-03)

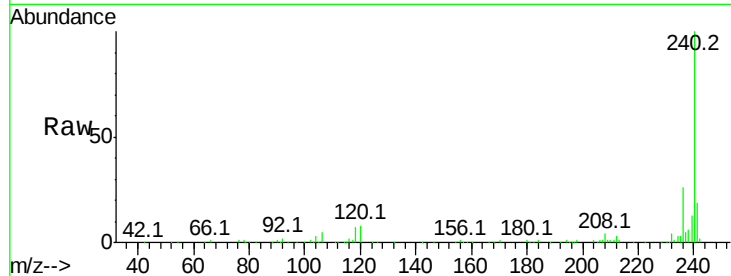
Tot Ion:240 Resp: 299585

Ion Ratio Lower Upper

240 100

120 7.8 8.1 12.1#

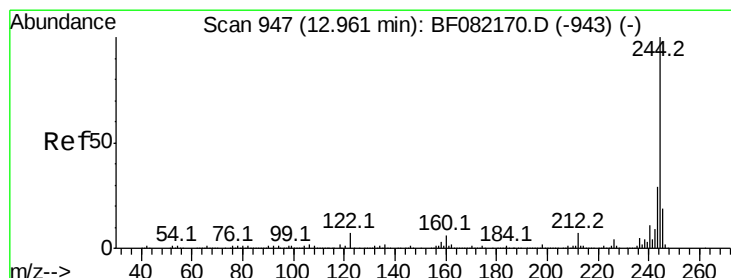
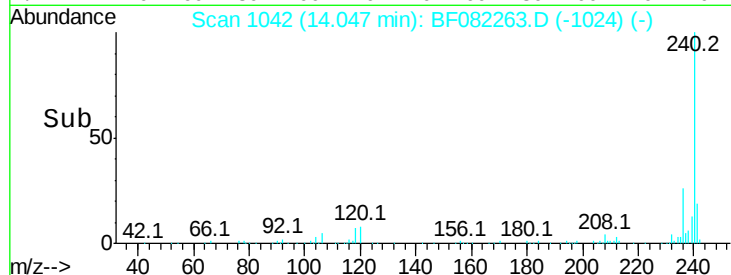
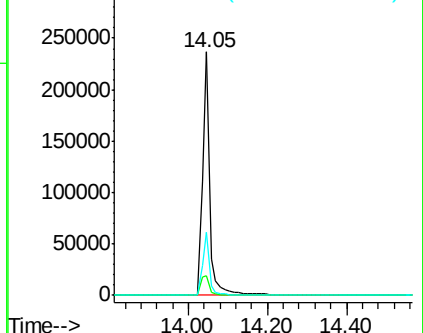
236 25.7 21.3 31.9



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



#78

Terphenyl-d14

Concen: 86.06 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF082263.D

Acq: 13 Oct 2015 19:32

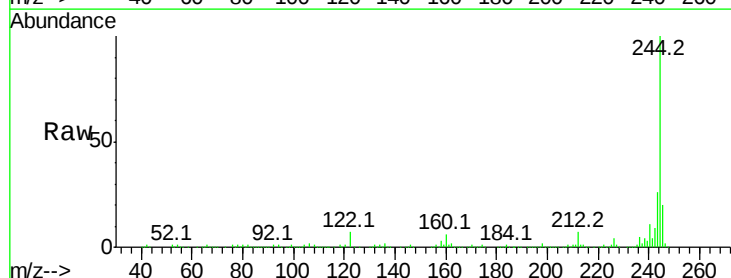
Tgt Ion:244 Resp: 972930

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

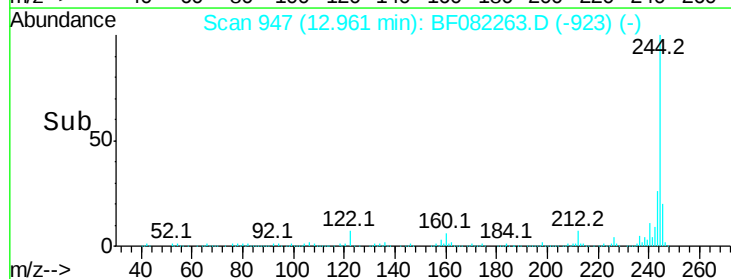
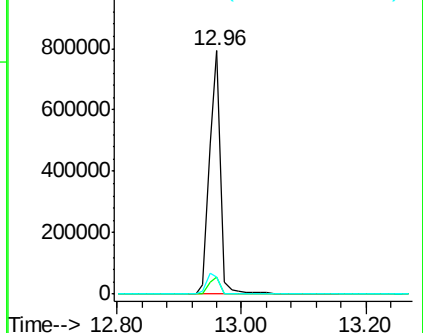
122 7.2 5.9 8.9

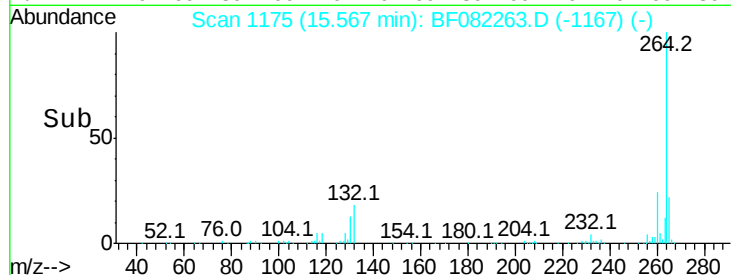
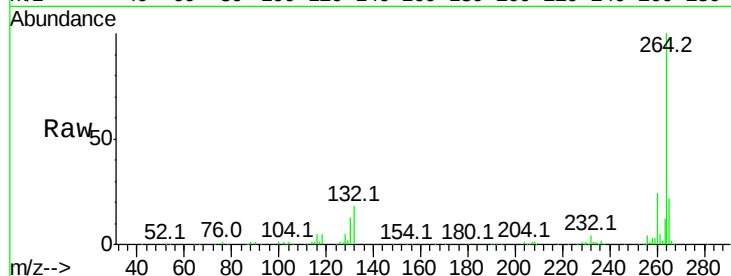
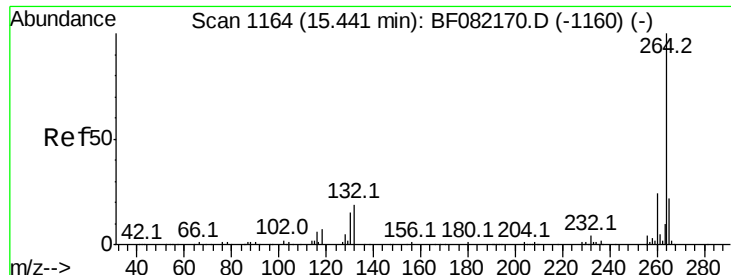


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1175
Delta R.T. -0.21 min
Lab File: BF082263.D
Acq: 13 Oct 2015 19:32

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-03)

Tot Ion:	264	Resp:	255382
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.0	28.6
265	22.0	17.3	25.9

