

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082378.D
 Acq On : 20 Oct 2015 3:07
 Operator : UM/IZ
 Sample : G4040-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-2.5-05

Quant Time: Oct 20 03:40:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 03:15:01 2015
 Response via : Initial Calibration

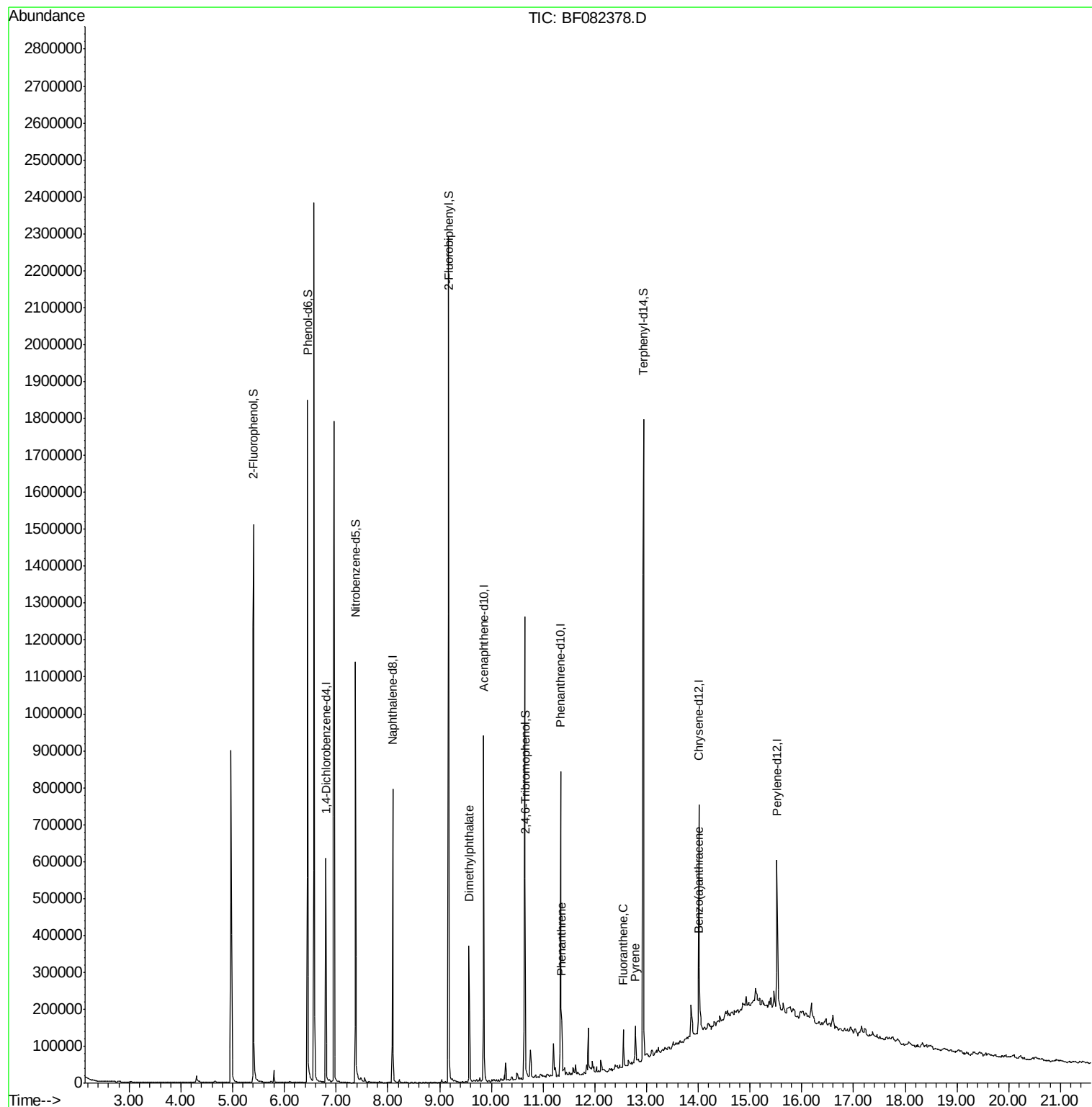
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	94170	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	358029	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	182475	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	322456	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	233103	20.00	ng	-0.01
86) Perylene-d12	15.52	264	212810	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	599006	128.38	ng	0.01
7) Phenol-d6	6.45	99	690944	113.79	ng	-0.01
23) Nitrobenzene-d5	7.37	82	430995	80.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	163542	95.57	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	924363	84.01	ng	0.00
78) Terphenyl-d14	12.94	244	764854	86.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	195343	15.20	ng	100
70) Phenanthrene	11.36	178	51669	3.27	ng	99
74) Fluoranthene	12.55	202	53613	3.16	ng	96
77) Pyrene	12.78	202	62482	4.52	ng	97
80) Benzo(a)anthracene	14.00	228	26253	2.16	ng	97

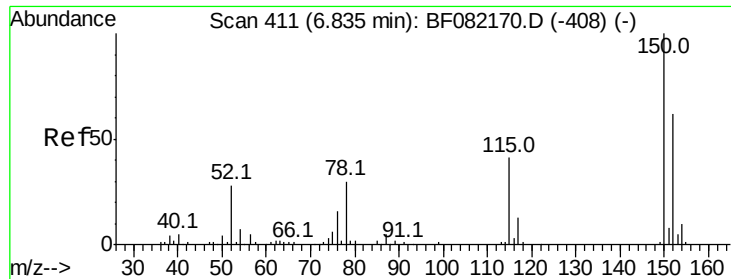
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05

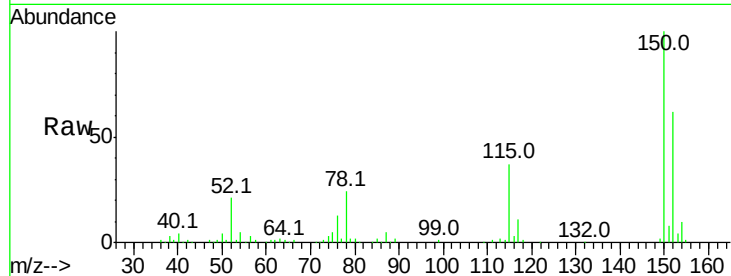
Tot Ion:152 Resp: 94170

Ion Ratio Lower Upper

152 100

150 160.1 129.0 193.4

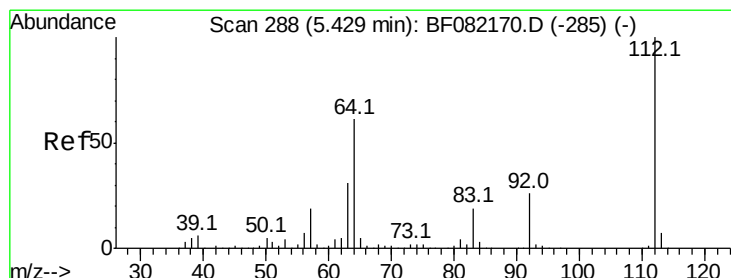
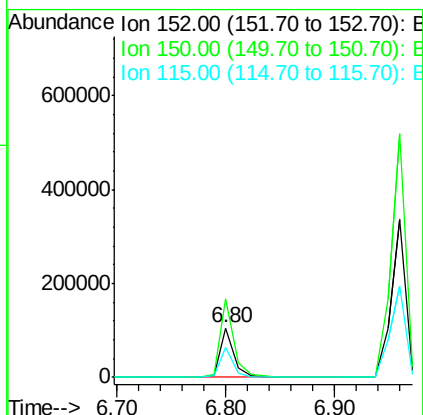
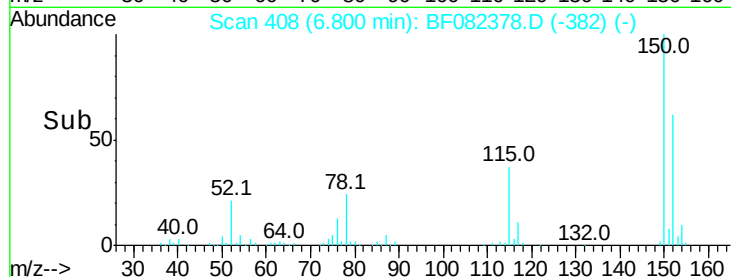
115 59.6 52.1 78.1



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: 128.38 ng

RT: 5.41 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

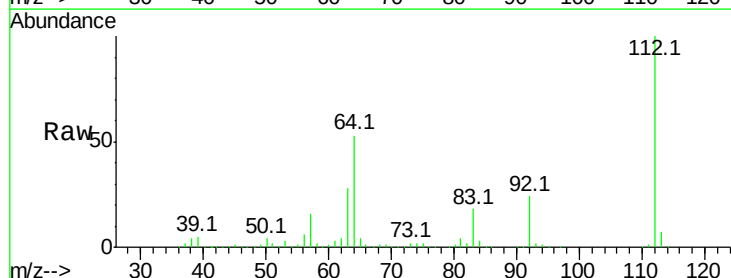
Tgt Ion:112 Resp: 599006

Ion Ratio Lower Upper

112 100

64 53.0 48.6 73.0

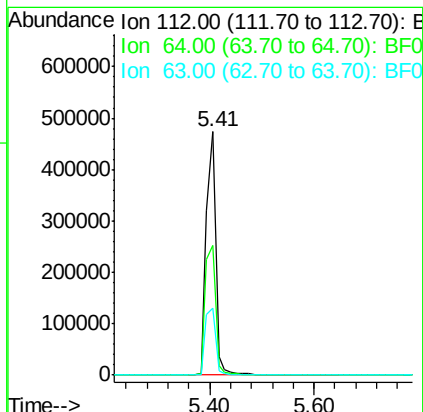
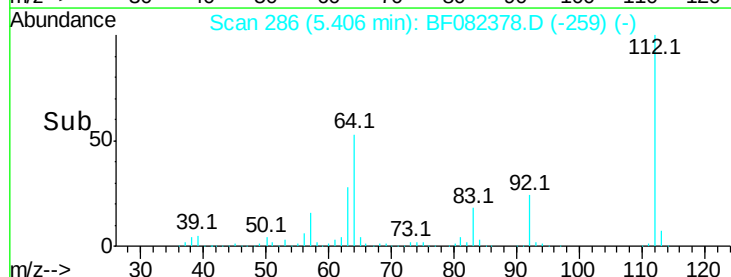
63 27.7 25.1 37.7

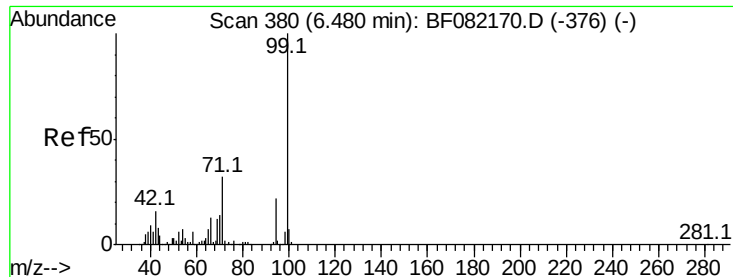


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.79 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05

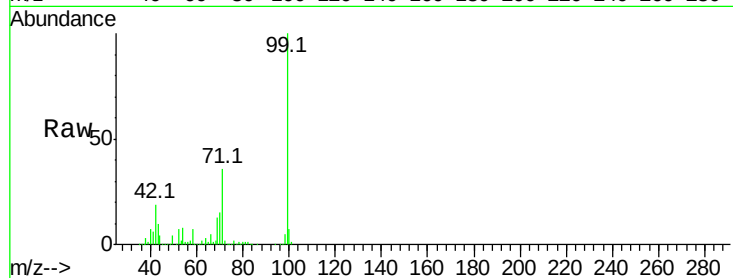
Tot Ion: 99 Resp: 690944

Ion Ratio Lower Upper

99 100

42 18.6 13.2 19.8

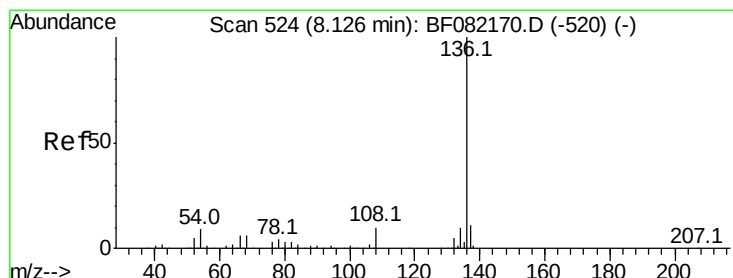
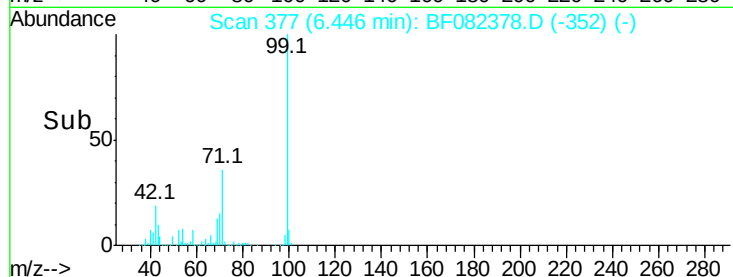
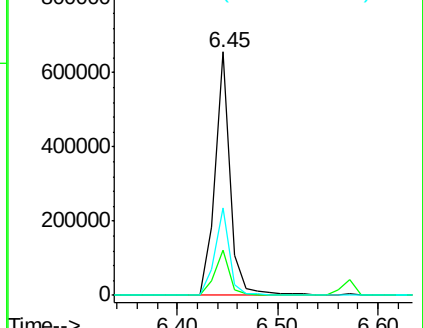
71 35.8 25.6 38.4



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: 8.09 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

Tgt Ion: 136 Resp: 358029

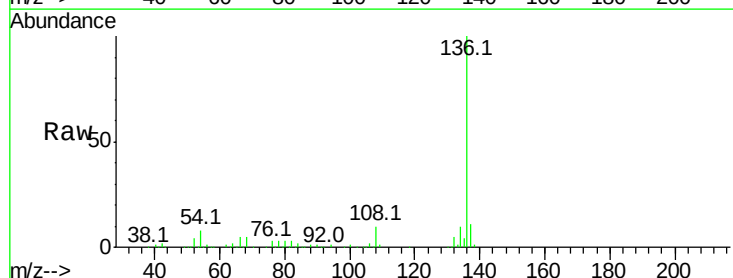
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.9 7.5 11.3

68 5.0 4.6 7.0

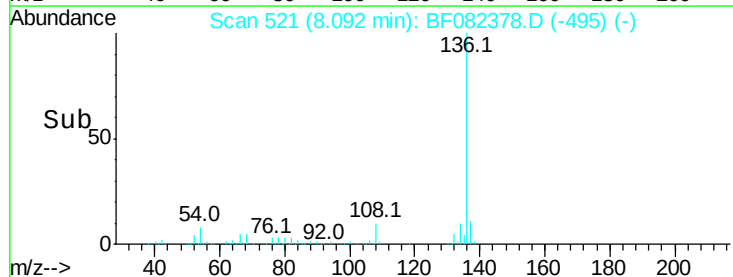
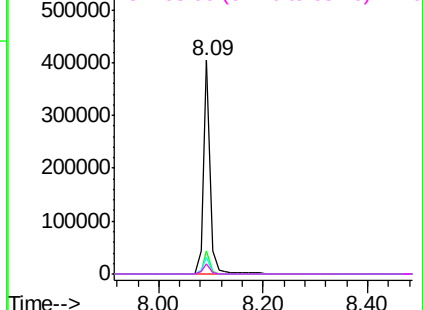


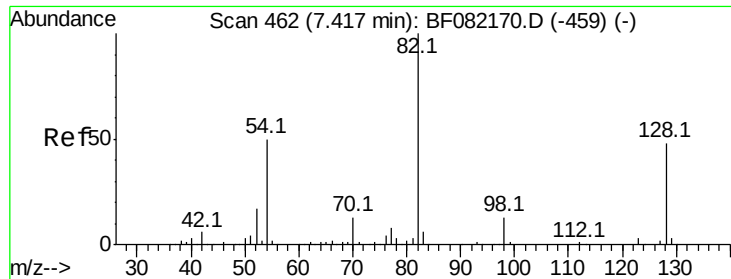
Abundance Ion 136.00 (135.70 to 136.70): E

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

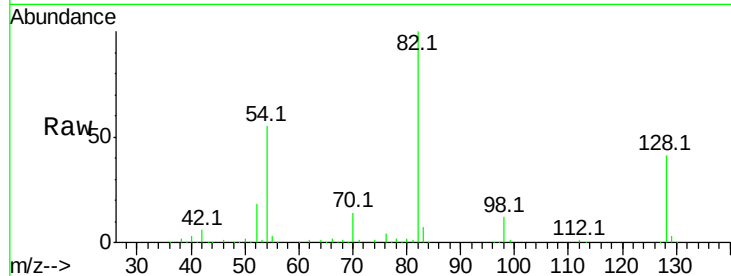




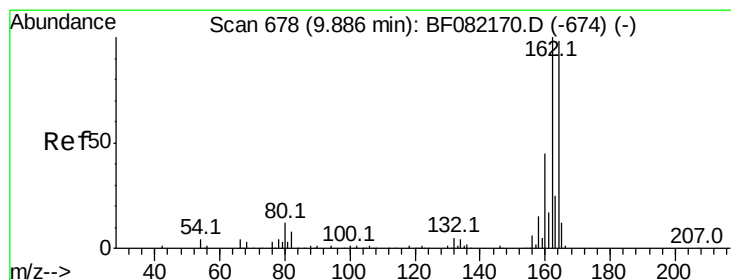
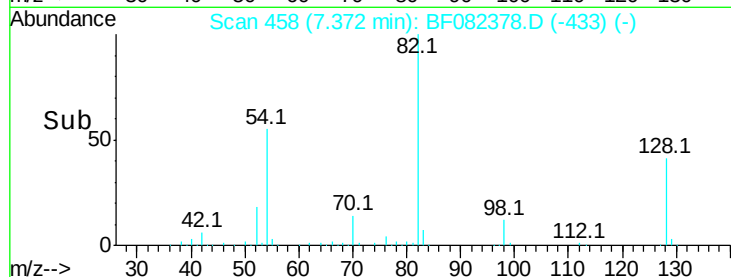
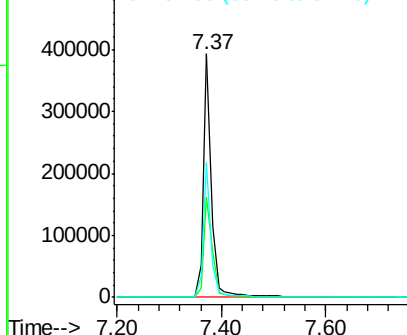
#23
 Nitrobenzene-d5
 Concen: 80.84 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF082378.D
 Acq: 20 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-2.5-05

Tot Ion: 82 Resp: 430995
 Ion Ratio Lower Upper
 82 100
 128 41.4 38.7 58.1
 54 55.2 40.1 60.1

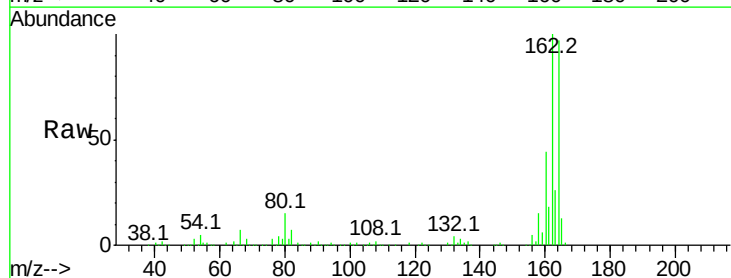


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

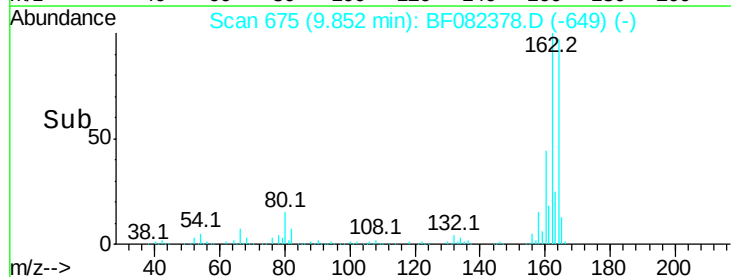
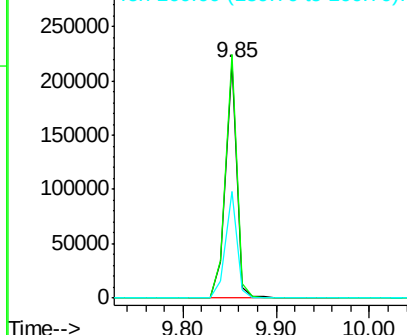


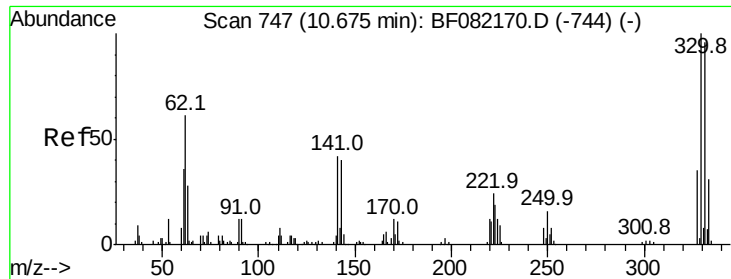
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF082378.D
 Acq: 20 Oct 2015 3:07

Tgt Ion: 164 Resp: 182475
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.6 122.4
 160 45.1 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

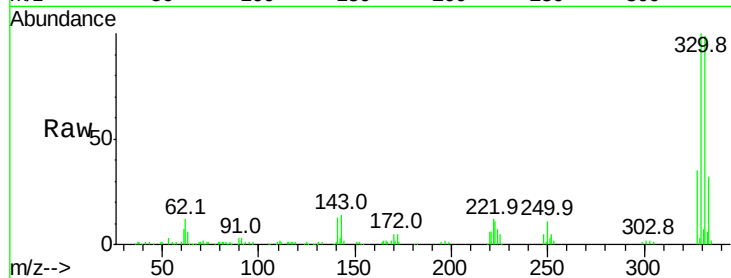




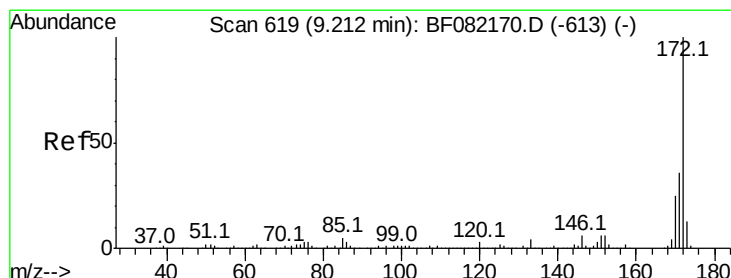
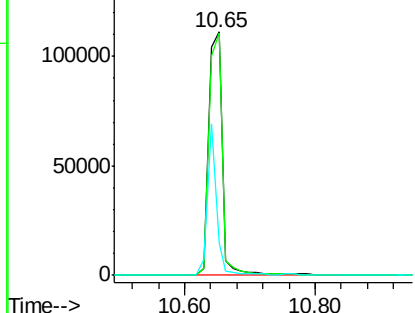
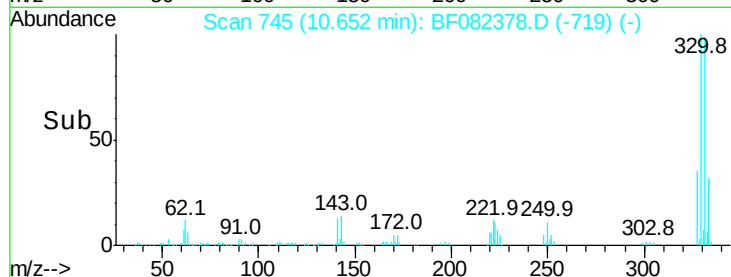
#41
 2,4,6-Tribromophenol
 Concen: 95.57 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF082378.D
 Acq: 20 Oct 2015 3:07

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-2.5-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	41.2	29.8	44.8

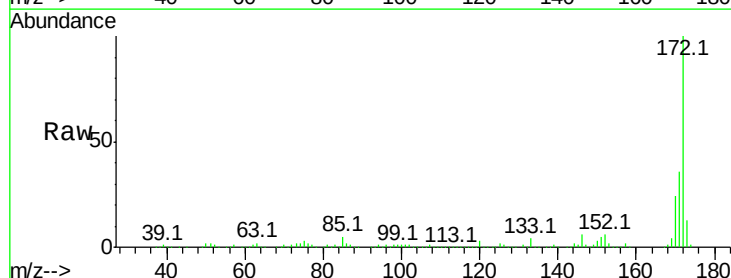


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

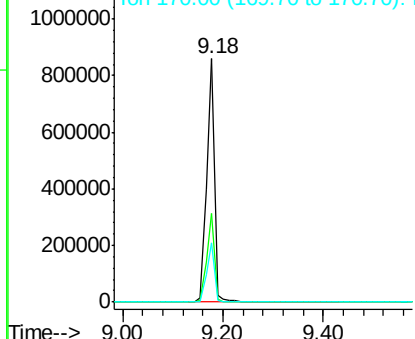
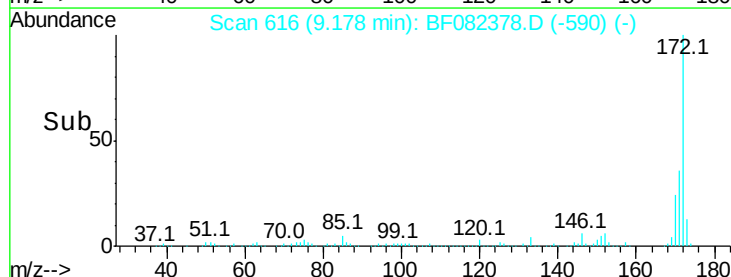


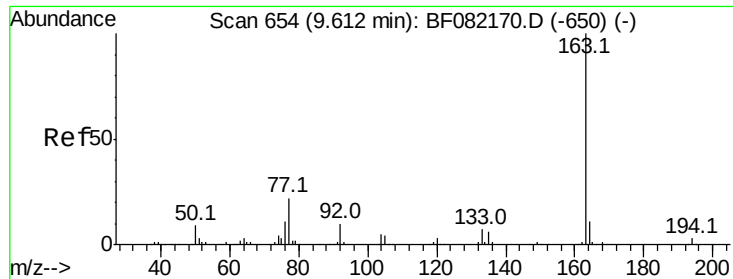
#44
 2-Fluorobiphenyl
 Concen: 84.01 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082378.D
 Acq: 20 Oct 2015 3:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.5	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: 15.20 ng

RT: 9.57 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05

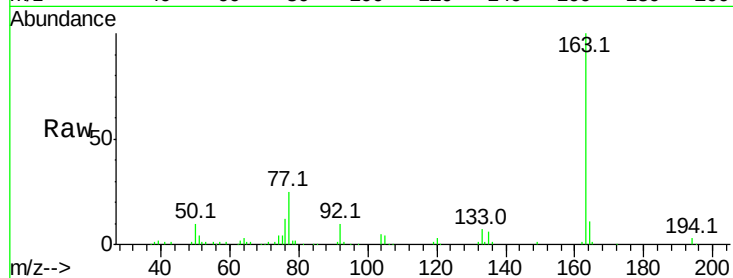
Tot Ion:163 Resp: 195343

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

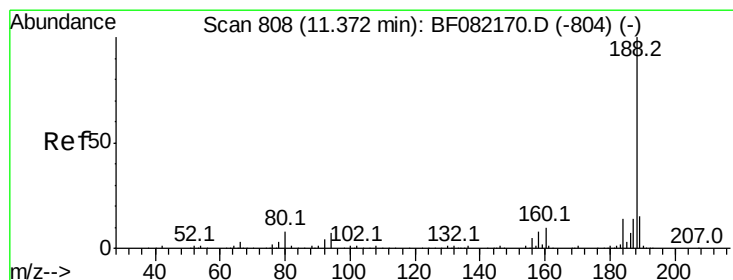
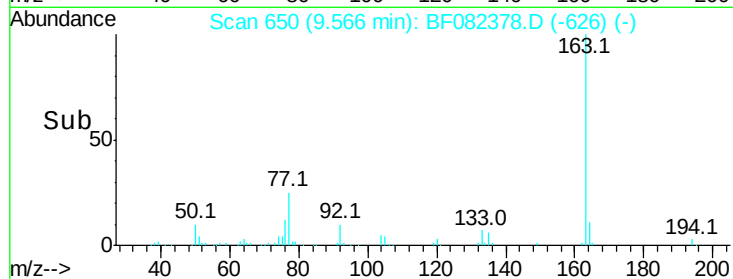
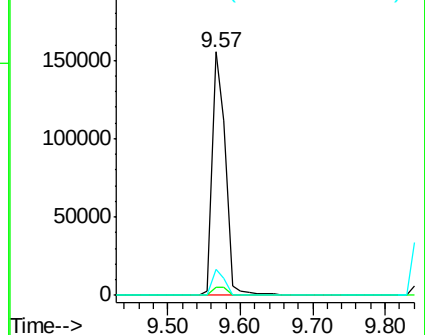
164 10.6 8.5 12.7



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: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

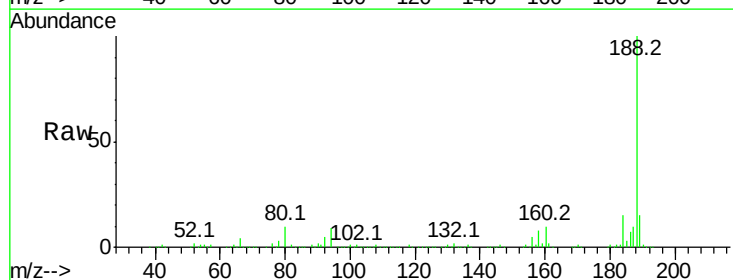
Tgt Ion:188 Resp: 322456

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.6#

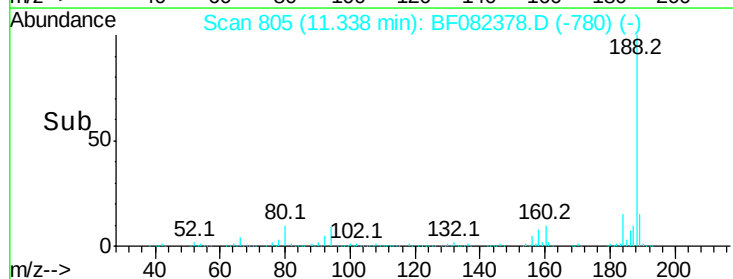
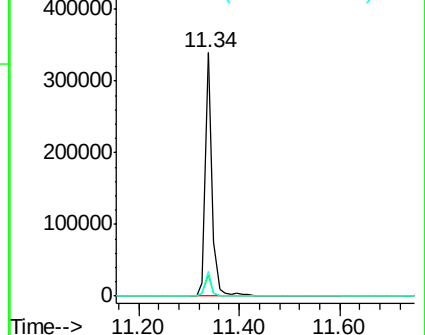
80 10.2 6.4 9.6#

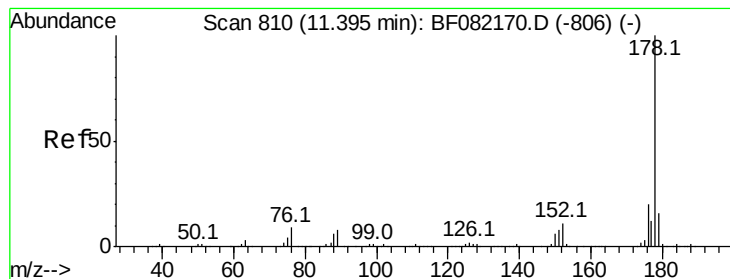


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.27 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05

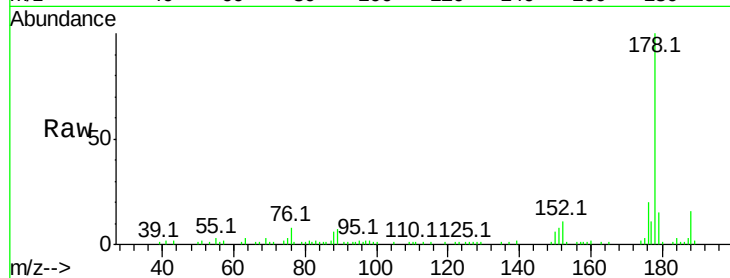
Tot Ion:178 Resp: 51669

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

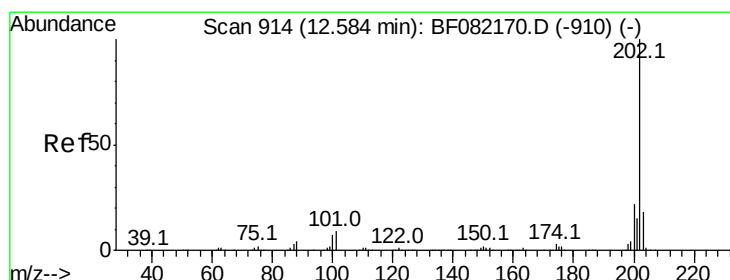
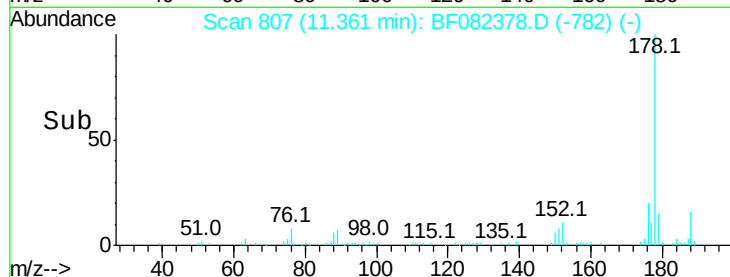
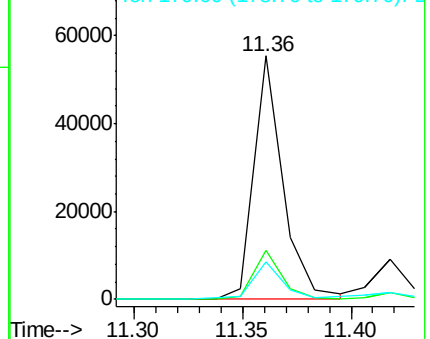
179 15.5 12.6 19.0



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



#74

Fluoranthene

Concen: 3.16 ng

RT: 12.55 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

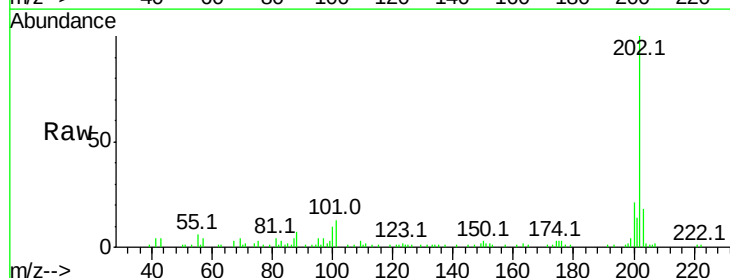
Tgt Ion:202 Resp: 53613

Ion Ratio Lower Upper

202 100

101 13.3 0.0 29.3

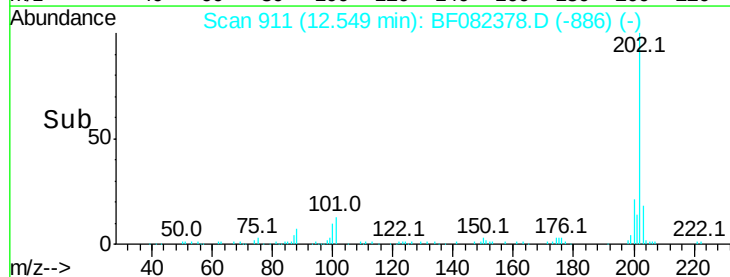
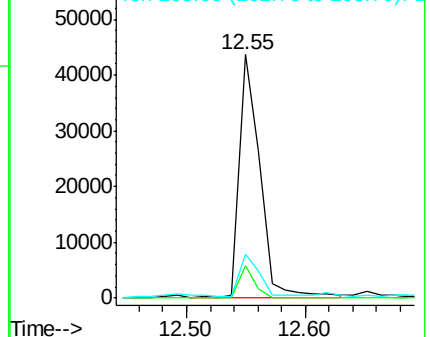
203 18.1 0.0 37.8

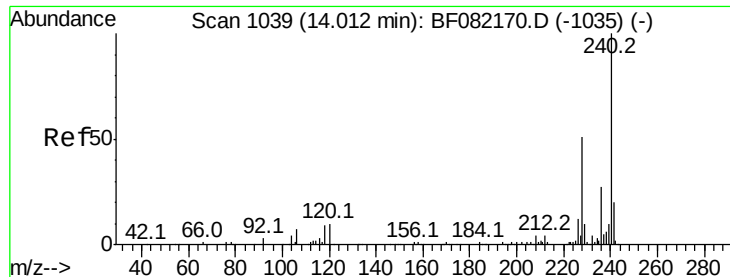


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05

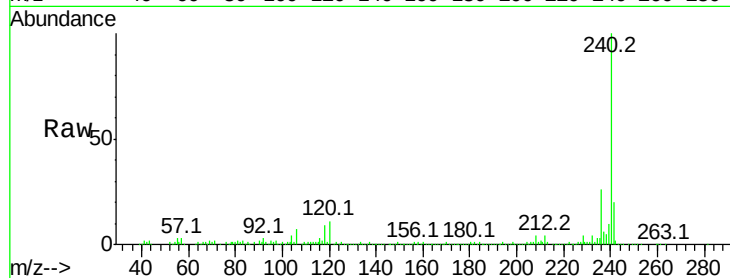
Tot Ion:240 Resp: 233103

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

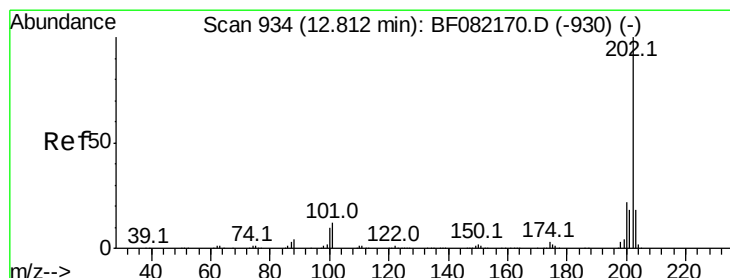
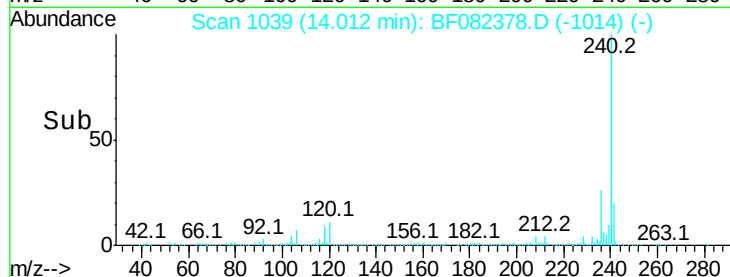
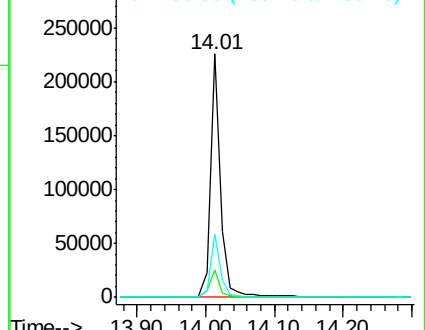
236 25.8 21.3 31.9



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: 4.52 ng

RT: 12.78 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

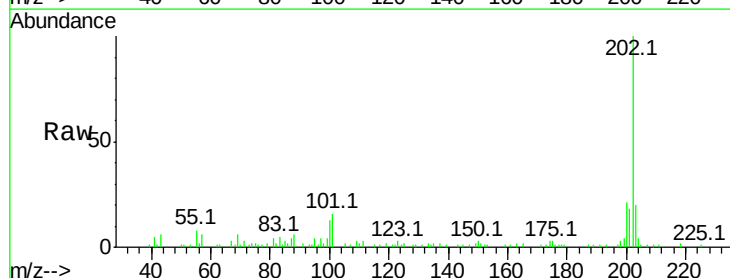
Tgt Ion:202 Resp: 62482

Ion Ratio Lower Upper

202 100

200 21.3 17.9 26.9

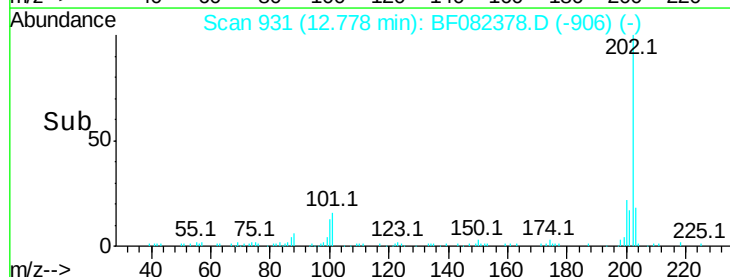
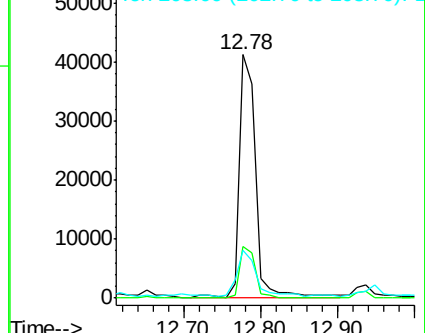
203 19.8 14.5 21.7

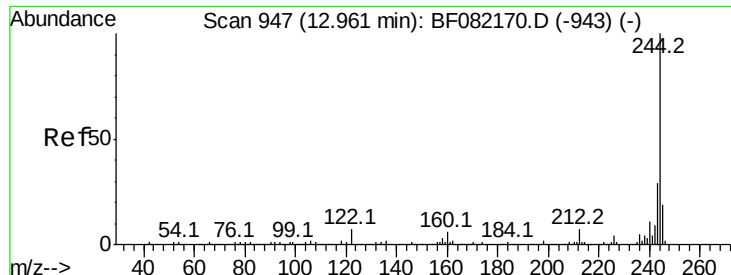


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.95 ng

RT: 12.94 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05

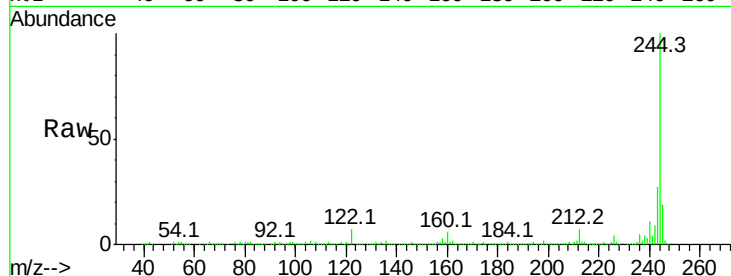
Tot Ion:244 Resp: 764854

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 7.1 5.9 8.9



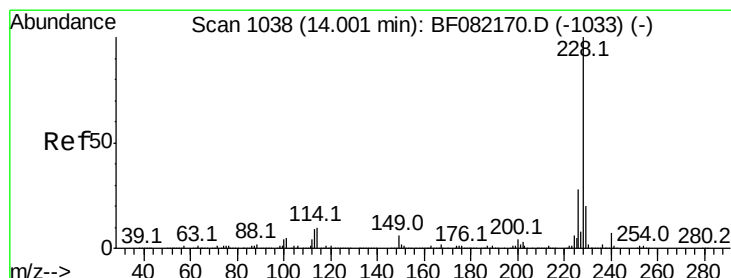
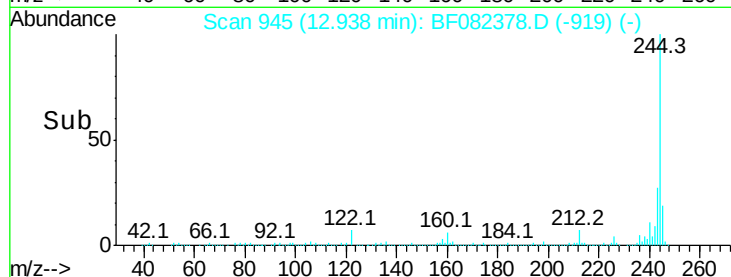
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.94

Time-->



#80

Benzo(a)anthracene

Concen: 2.16 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082378.D

Acq: 20 Oct 2015 3:07

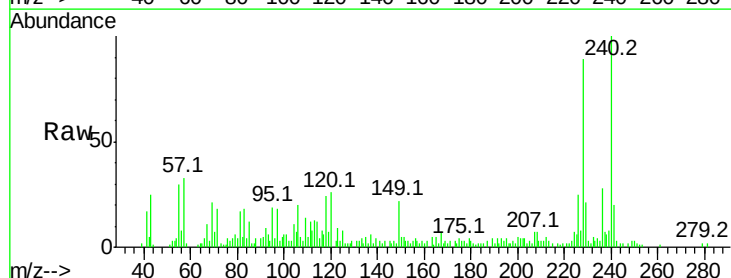
Tgt Ion:228 Resp: 26253

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 23.2 16.2 24.2



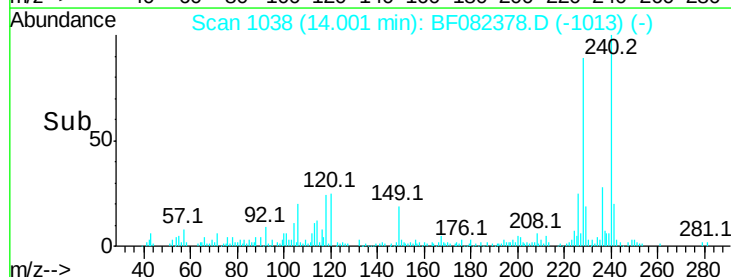
Abundance Ion 228.00 (227.70 to 228.70): E

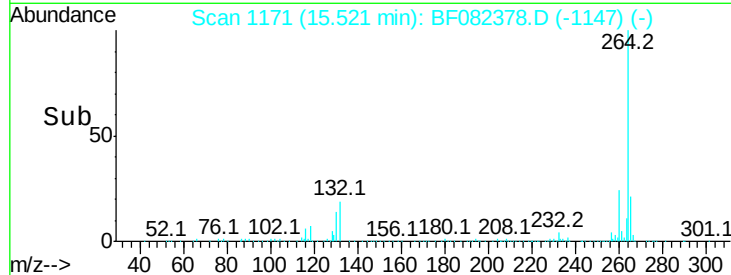
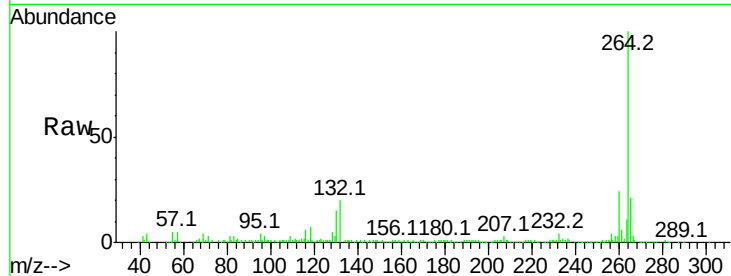
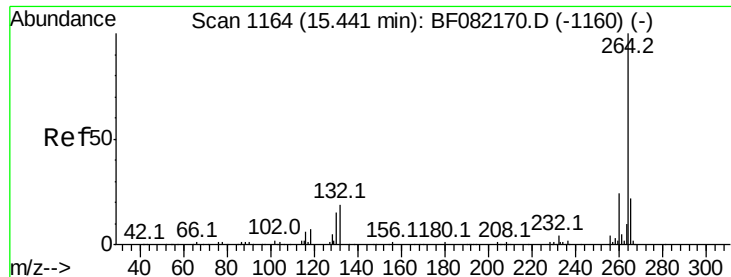
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

14.00

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF082378.D
Acq: 20 Oct 2015 3:07

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-05

Tot Ion:	264	Resp:	212810
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.4	17.3	25.9

