

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010098.D
 Acq On : 22 May 2017 12:36
 Operator : SJ/MA
 Sample : PB99081BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99081BL

Quant Time: May 23 05:54:37 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	152616	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	513892	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	312373	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	777989	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1201365	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1340905	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1230853	145.64	ng	-0.01
7) Phenol-d6	7.16	99	1488703	136.90	ng	-0.01
23) Nitrobenzene-d5	9.15	82	947739	99.50	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	659055	138.92	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	2430838	100.04	ng	-0.01
78) Terphenyl-d14	19.94	244	4476615	84.73	ng	0.00

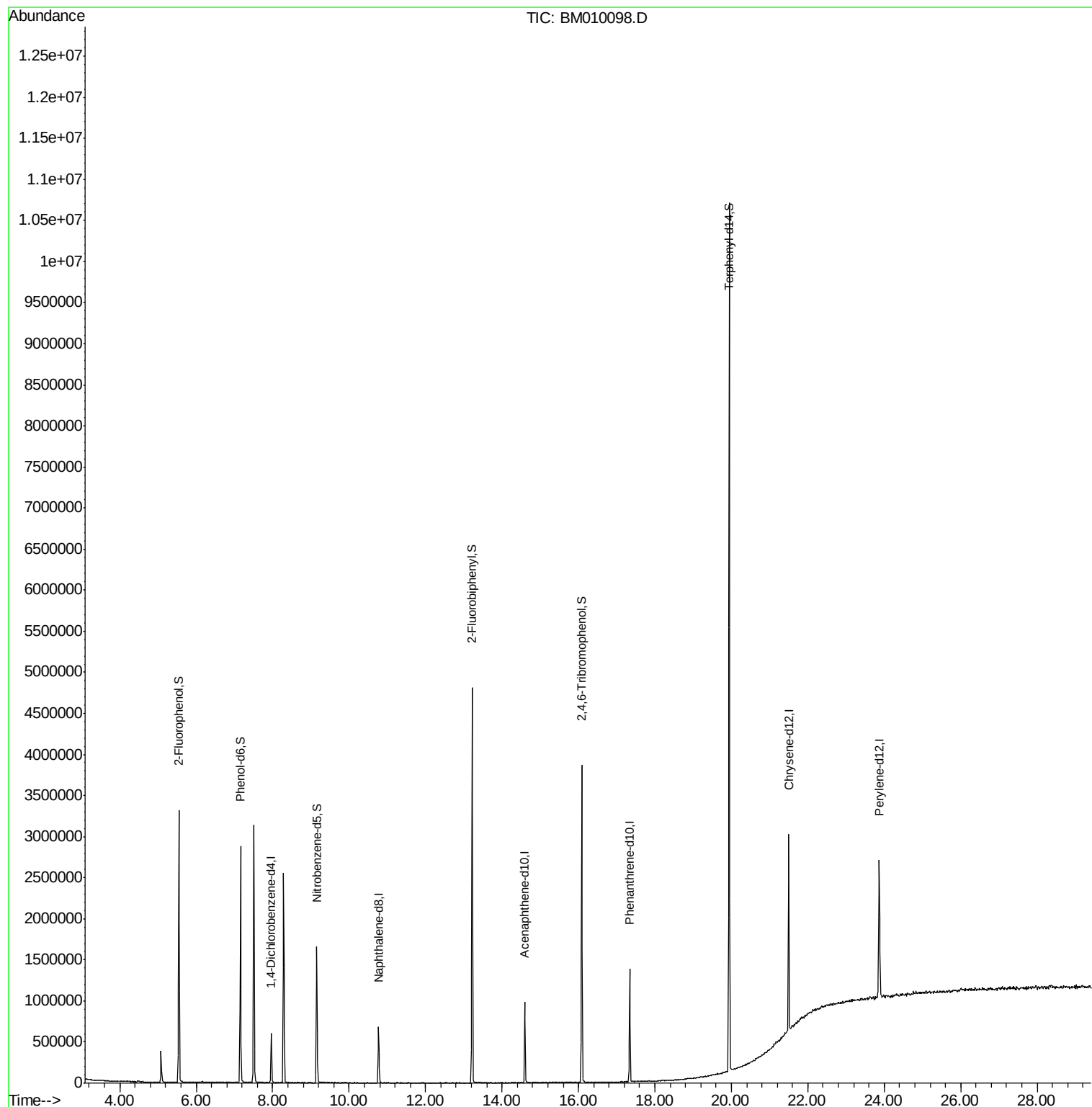
Target Compounds Qvalue

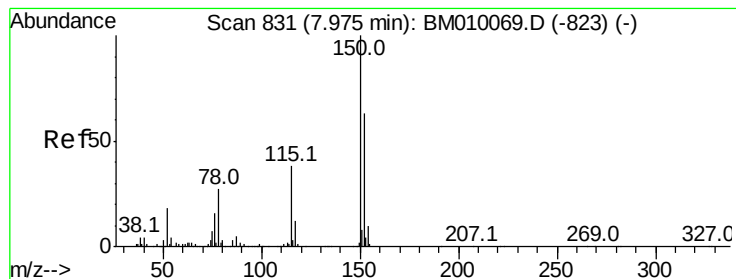
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

Instrument :

BNA_M

ClientSampleId :

PB99081BL

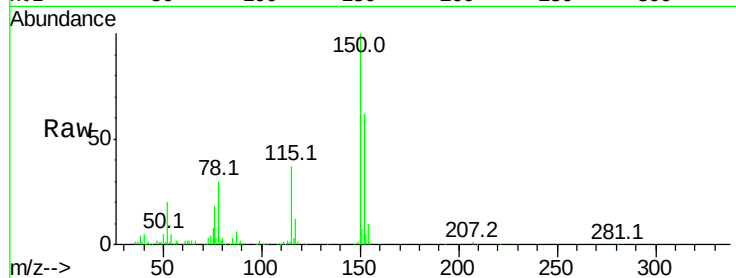
Tot Ion:152 Resp: 152616

Ion Ratio Lower Upper

152 100

150 162.6 119.5 179.3

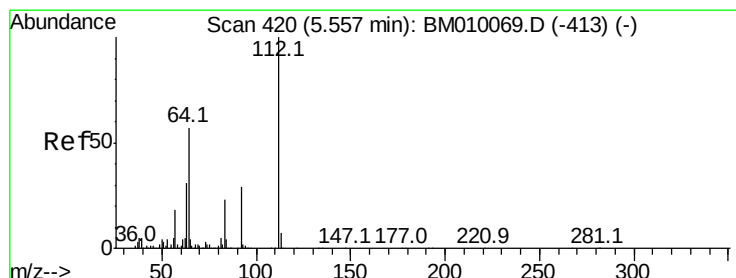
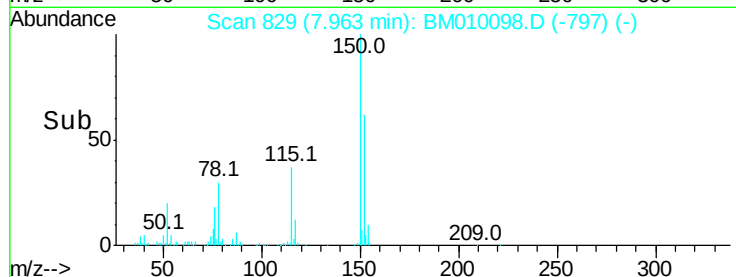
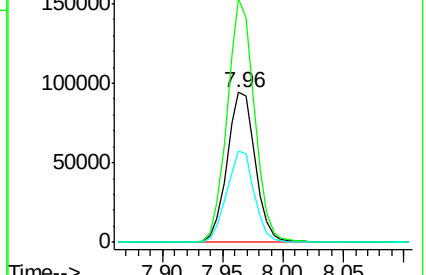
115 60.6 43.0 64.4



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: 145.64 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.01 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

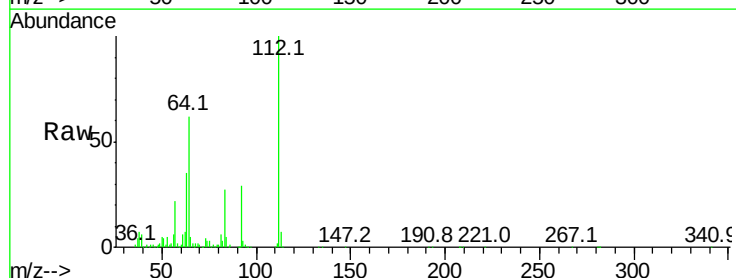
Tgt Ion:112 Resp: 1230853

Ion Ratio Lower Upper

112 100

64 62.3 38.6 57.8#

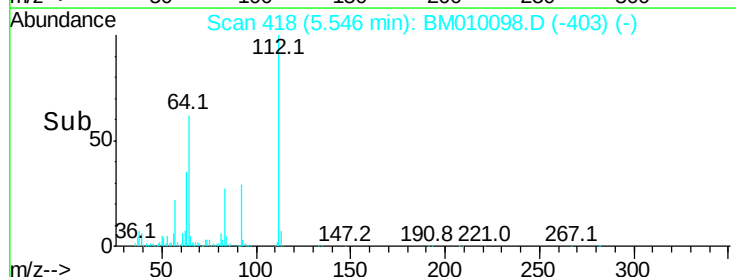
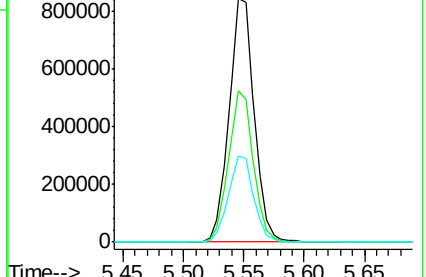
63 35.4 19.3 28.9#

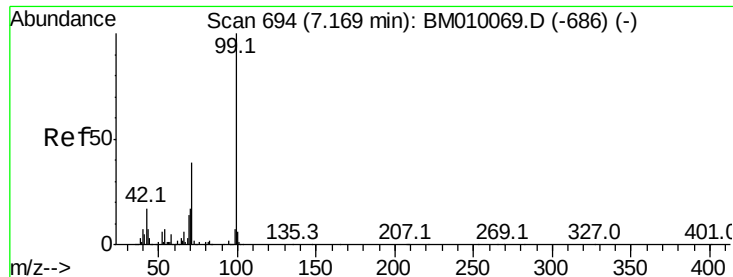


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 136.90 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

Instrument :

BNA_M

ClientSampleId :

PB99081BL

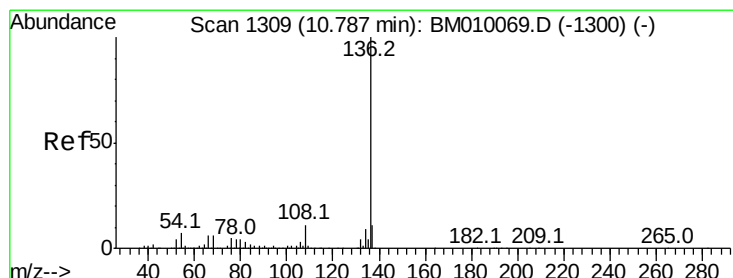
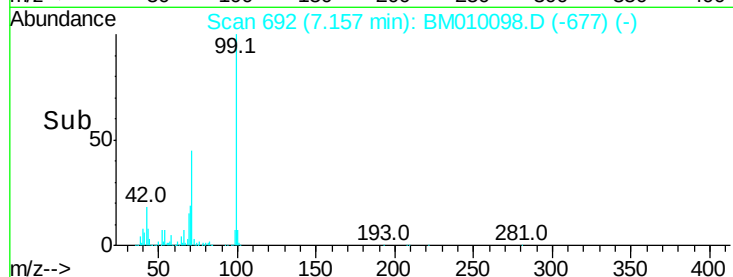
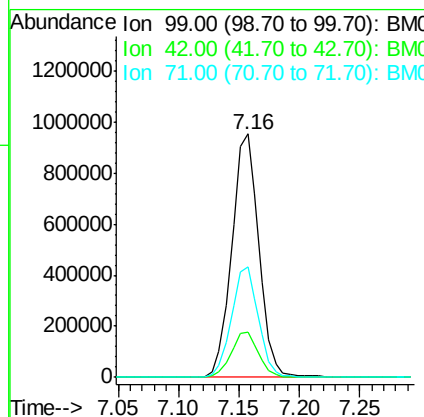
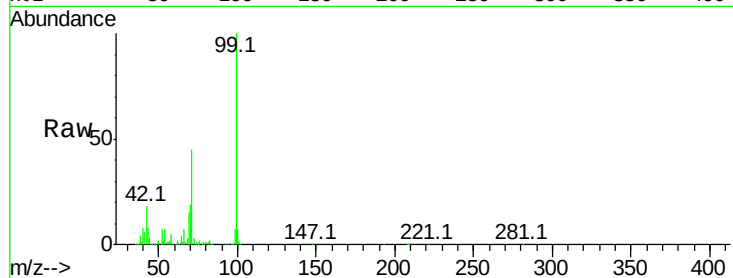
Tot Ion: 99 Resp: 1488703

Ion Ratio Lower Upper

99 100

42 18.4 11.0 16.4#

71 45.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

Tgt Ion: 136 Resp: 513892

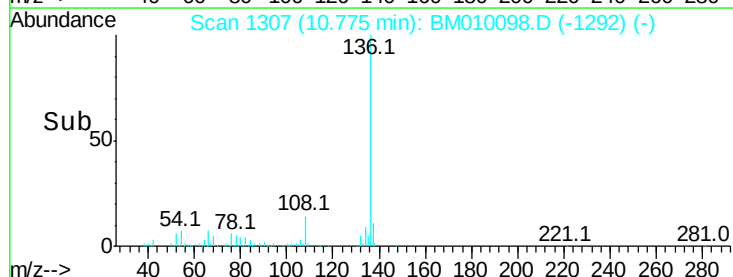
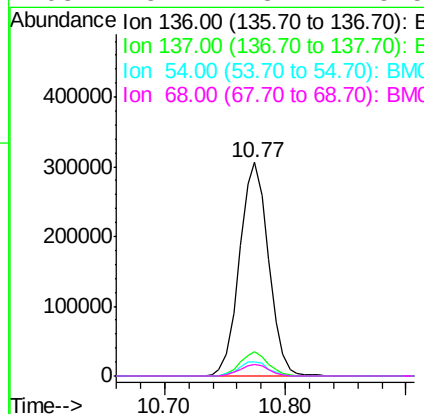
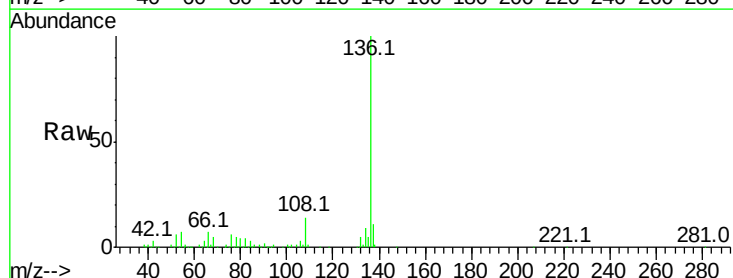
Ion Ratio Lower Upper

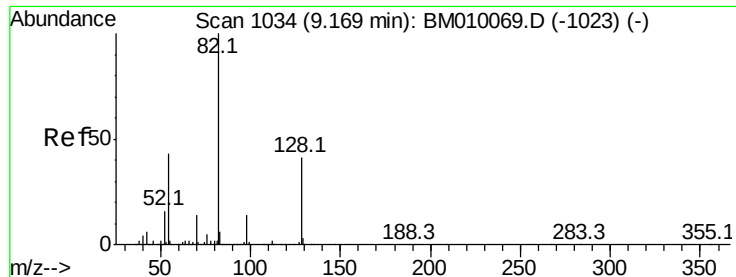
136 100

137 11.2 8.7 13.1

54 6.6 4.6 6.8

68 5.4 3.7 5.5

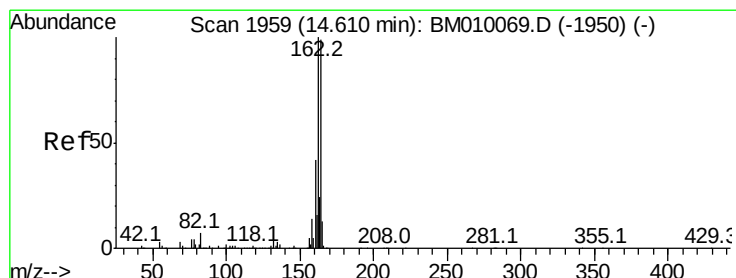
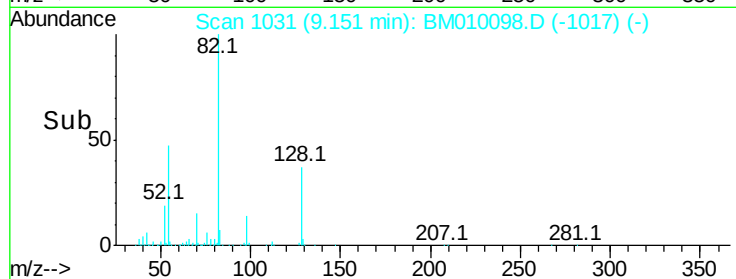
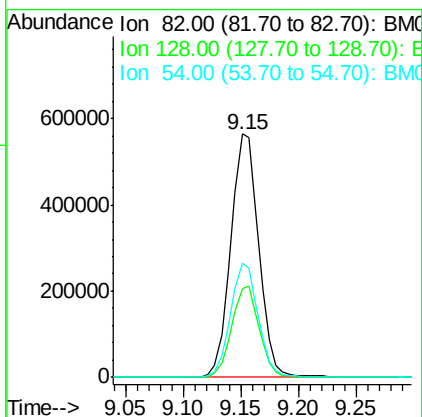
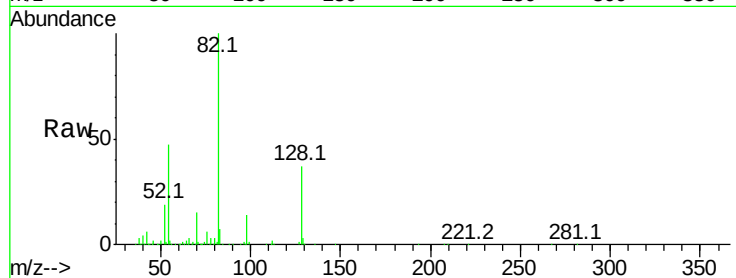




#23
 Nitrobenzene-d5
 Concen: 99.50 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010098.D
 Acq: 22 May 2017 12:36

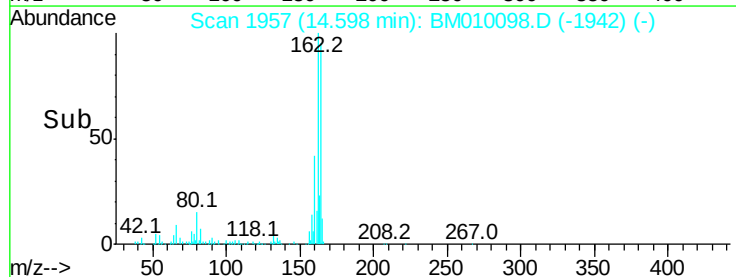
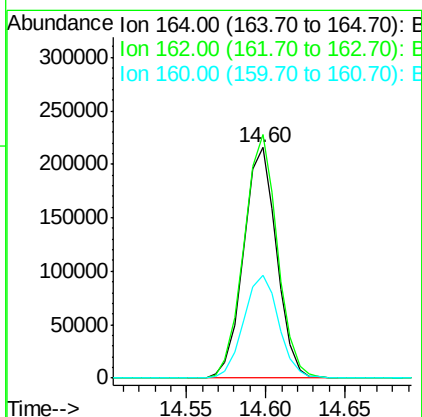
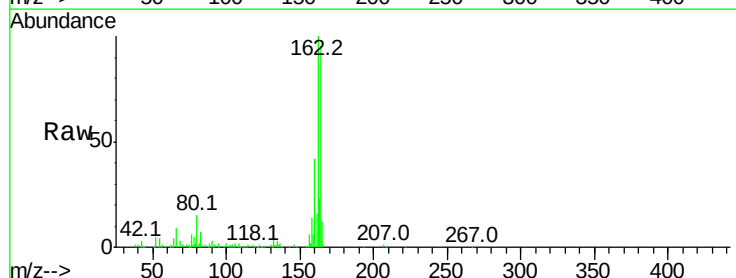
Instrument :
 BNA_M
 ClientSampleId :
 PB99081BL

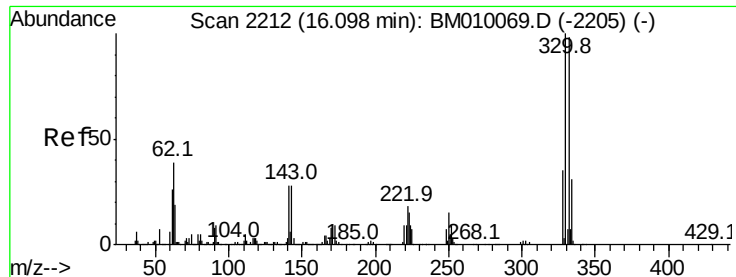
Tot Ion	82	Resp	947739
Ion Ratio	Lower	Upper	
82	100		
128	36.6	32.8	49.2
54	47.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010098.D
 Acq: 22 May 2017 12:36

Tgt Ion	164	Resp	312373
Ion Ratio	Lower	Upper	
164	100		
162	105.6	82.4	123.6
160	44.5	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 138.92 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

Instrument :

BNA_M

ClientSampleId :

PB99081BL

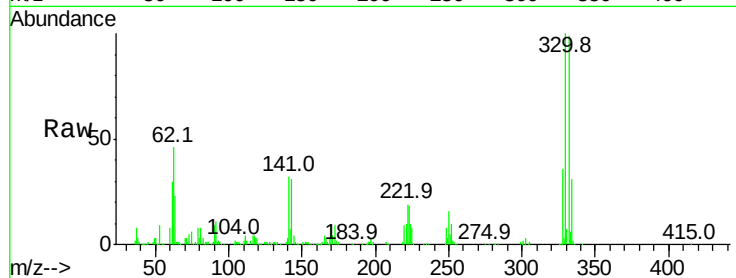
Tot Ion:330 Resp: 659055

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

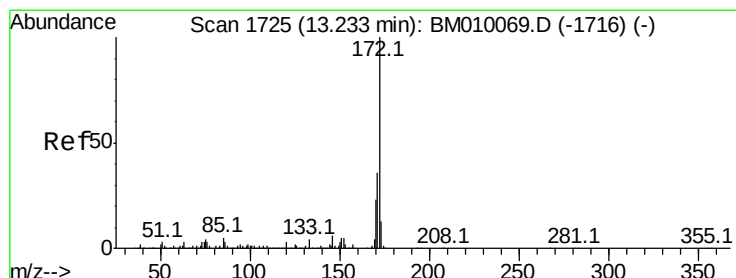
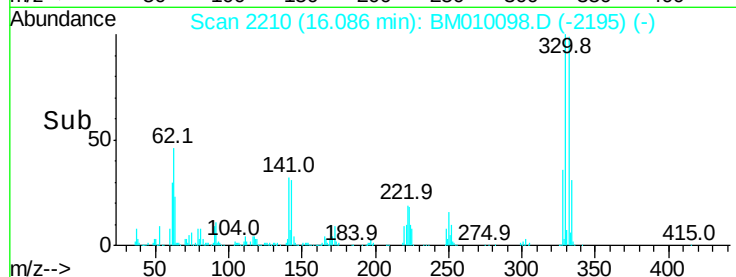
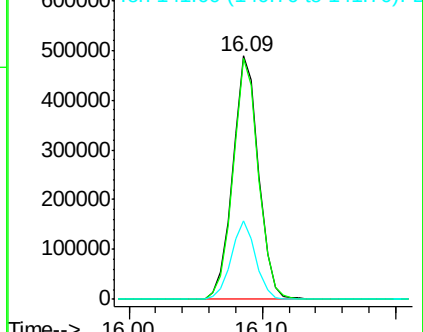
141 30.9 0.0 0.0#



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: 100.04 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

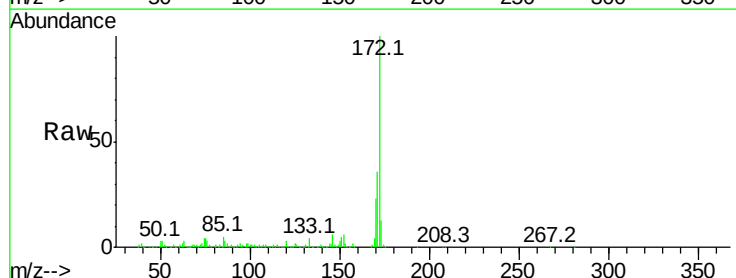
Tgt Ion:172 Resp: 2430838

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

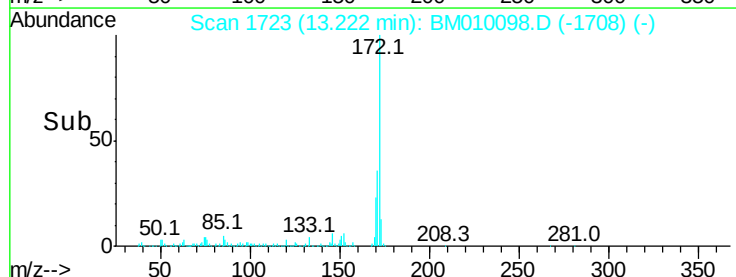
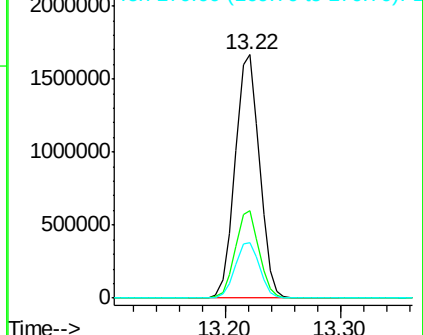
170 22.7 18.8 28.2

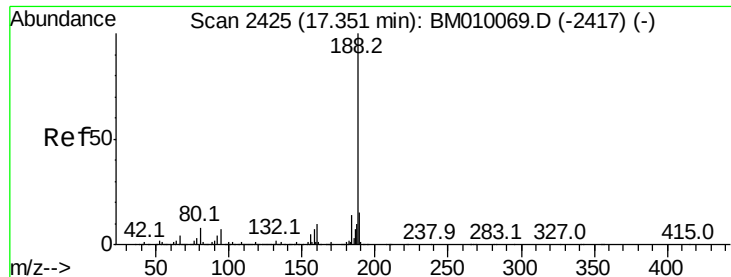


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

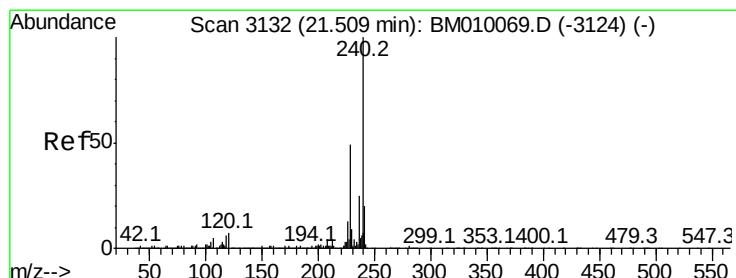
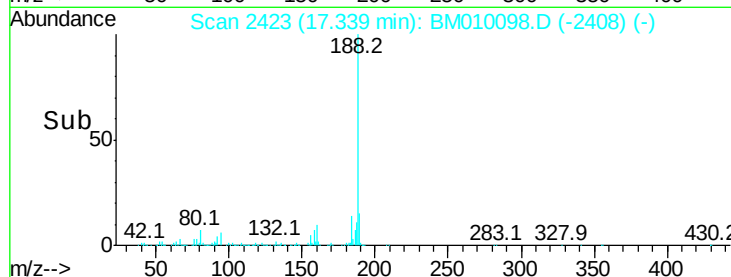
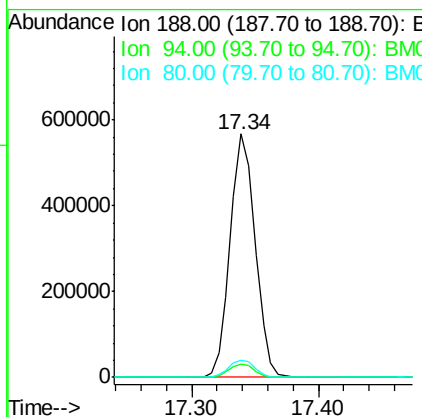
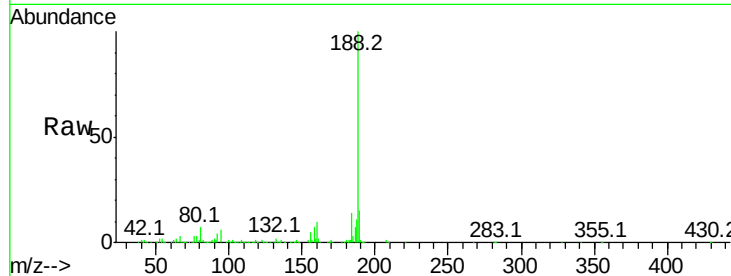




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010098.D
Acq: 22 May 2017 12:36

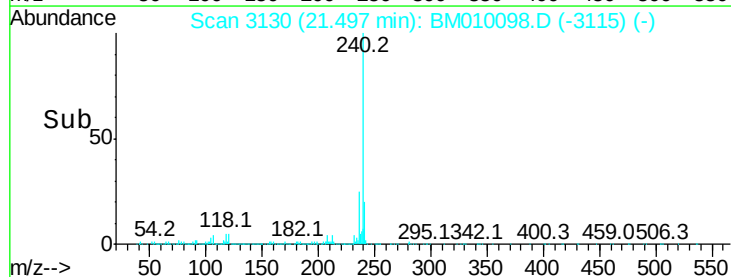
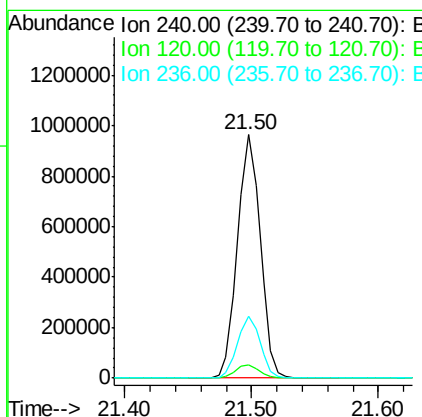
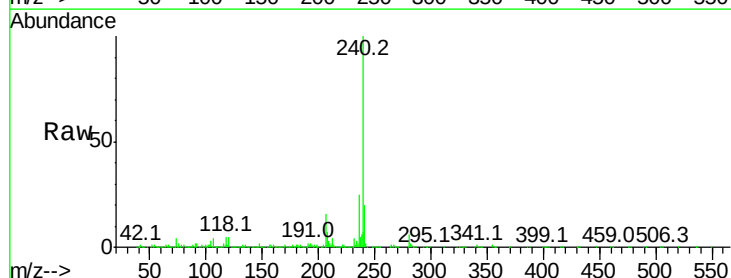
Instrument :
BNA_M
ClientSampleId :
PB99081BL

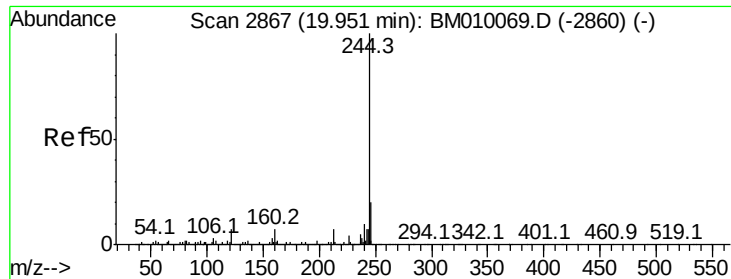
Tot Ion:188 Resp: 777989
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 7.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010098.D
Acq: 22 May 2017 12:36

Tgt Ion:240 Resp: 1201365
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 84.73 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

Instrument :

BNA_M

ClientSampleId :

PB99081BL

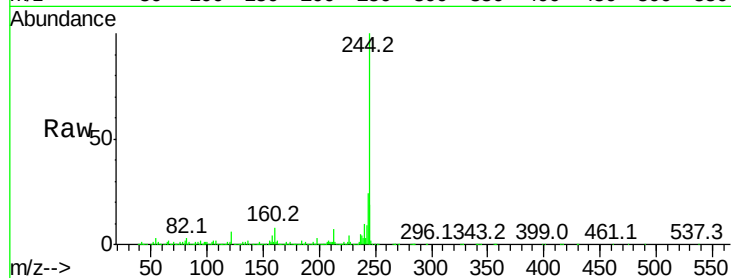
Tot Ion:244 Resp: 4476615

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

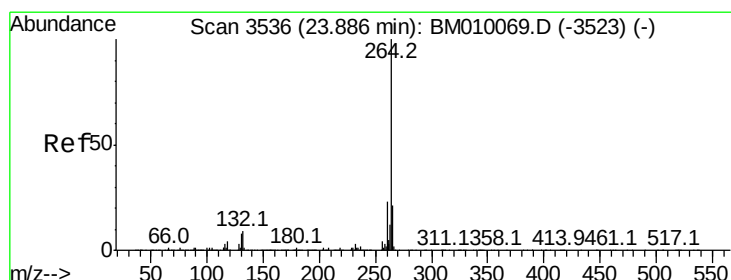
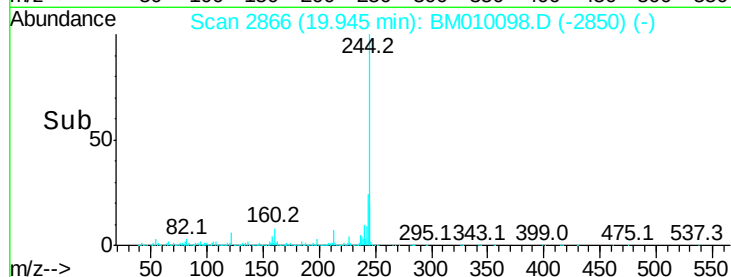
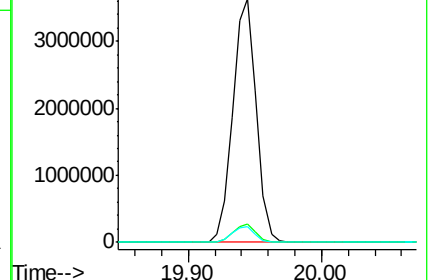
122 6.3 6.2 9.4



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: 23.87 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

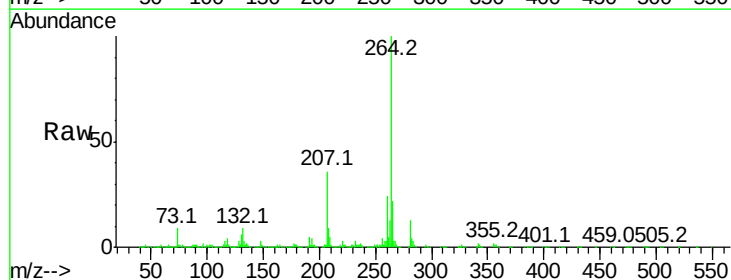
Tgt Ion:264 Resp: 1340905

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 22.1 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

