

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 :

Quant Time: May 23 05:24:34 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

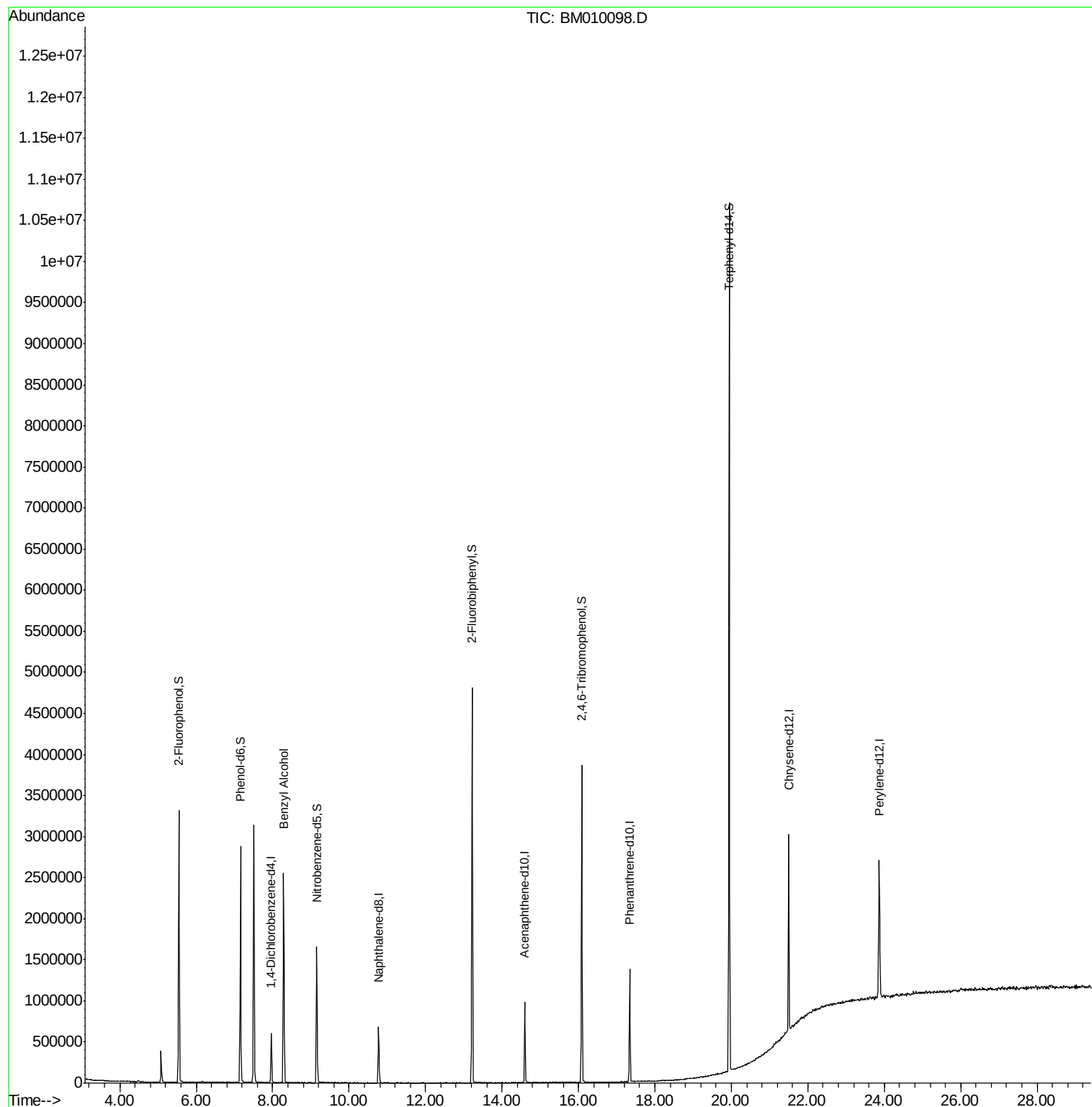
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	152616	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	513892	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	312373	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	777989	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1201365	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						
15) Benzyl Alcohol	8.29	79	19929	2.42	ng	Qvalue # 34

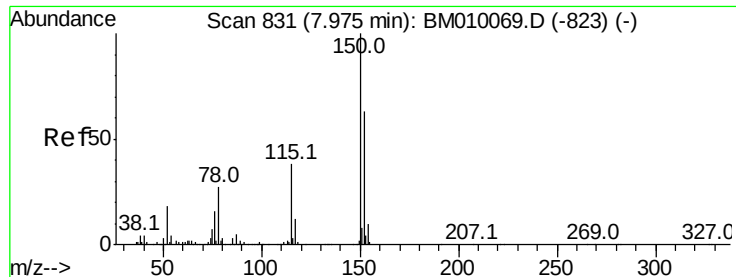
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

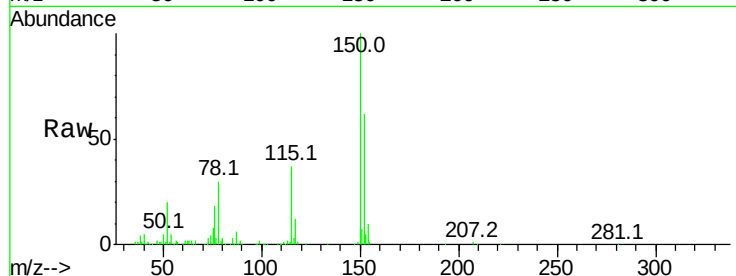
Tot Ion:152 Resp: 152616

Ion Ratio Lower Upper

152 100

150 162.6 119.5 179.3

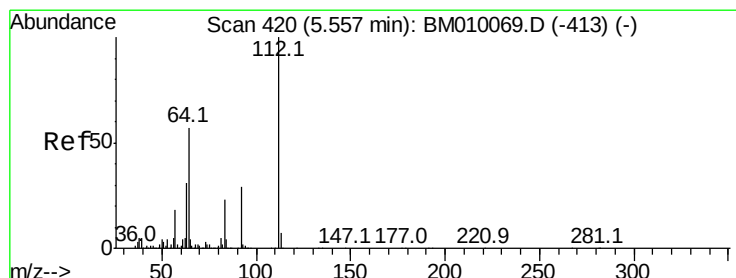
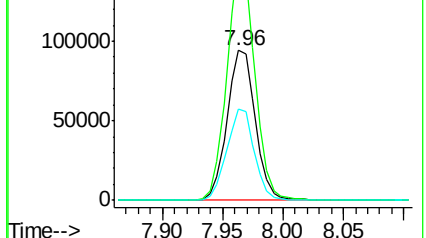
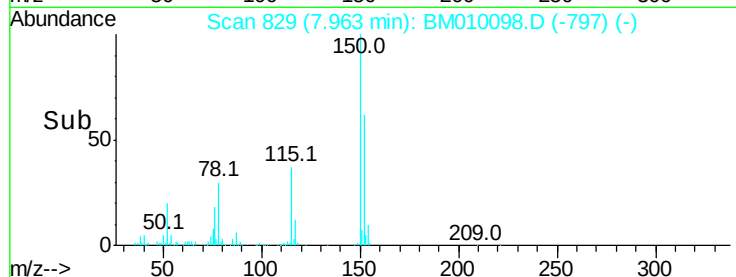
115 60.6 43.0 64.4



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

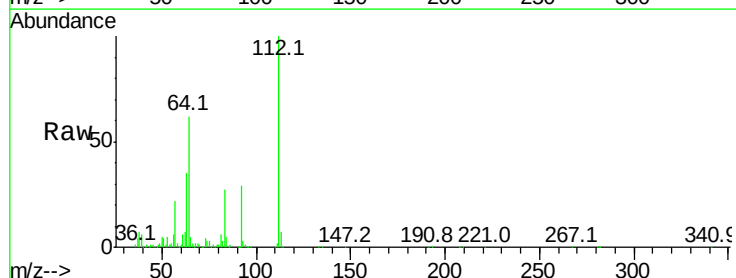
Tgt Ion:112 Resp: 1230853

Ion Ratio Lower Upper

112 100

64 62.3 38.6 57.8#

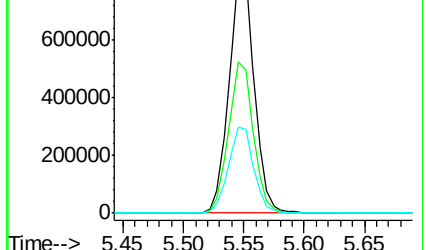
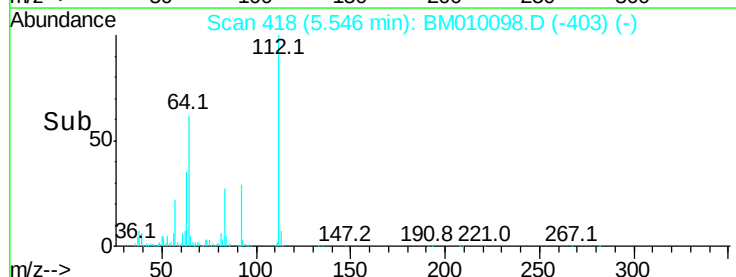
63 35.4 19.3 28.9#

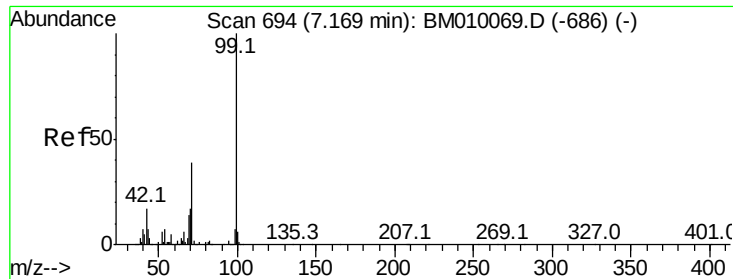


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

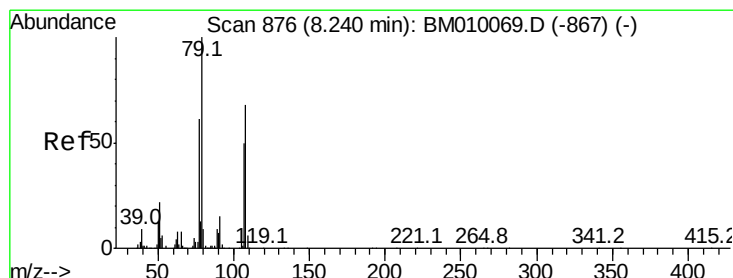
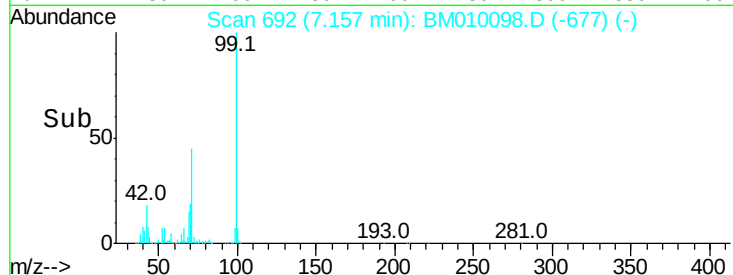
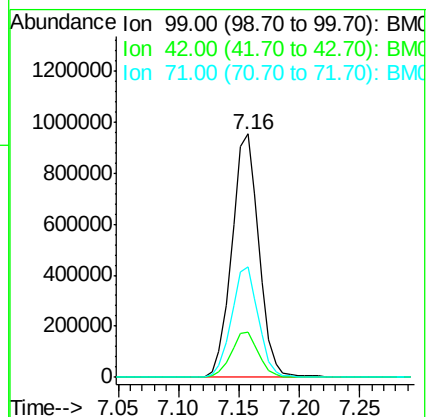
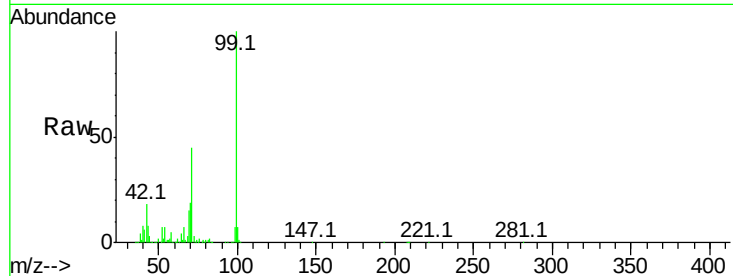
Tot Ion: 99 Resp: 1488703

Ion Ratio Lower Upper

99 100

42 18.4 11.0 16.4#

71 45.2 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.05 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

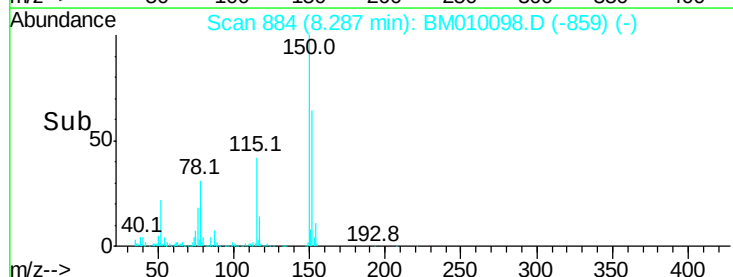
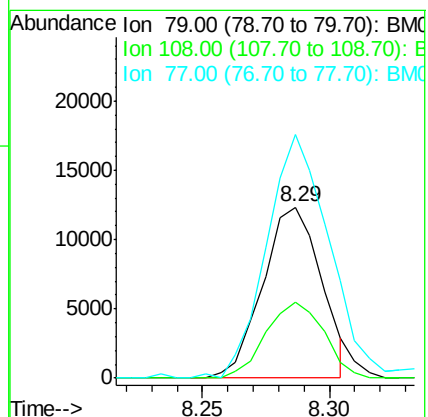
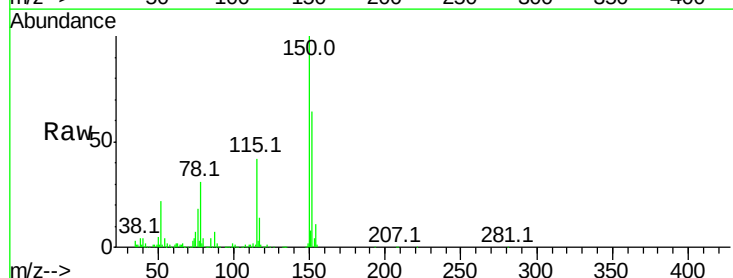
Tgt Ion: 79 Resp: 19929

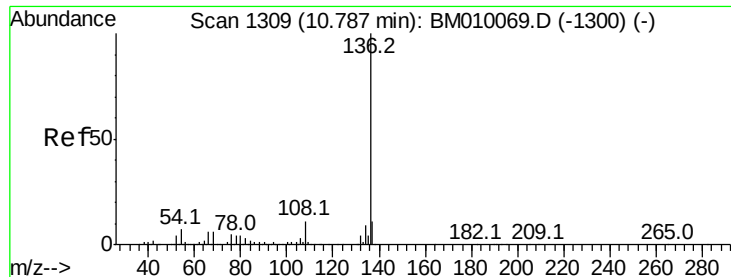
Ion Ratio Lower Upper

79 100

108 44.5 65.0 97.4#

77 142.7 53.0 79.6#

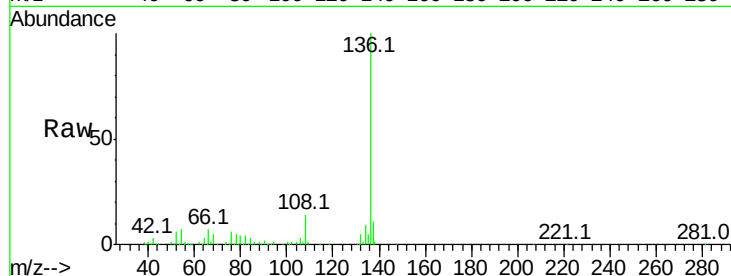




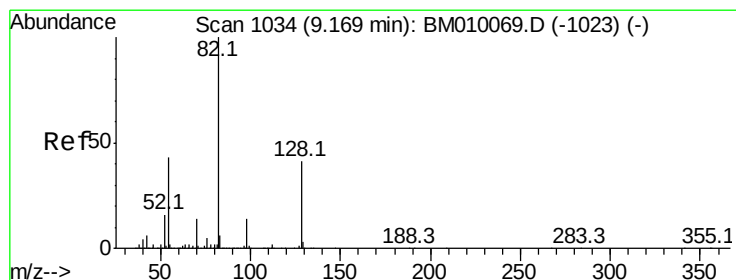
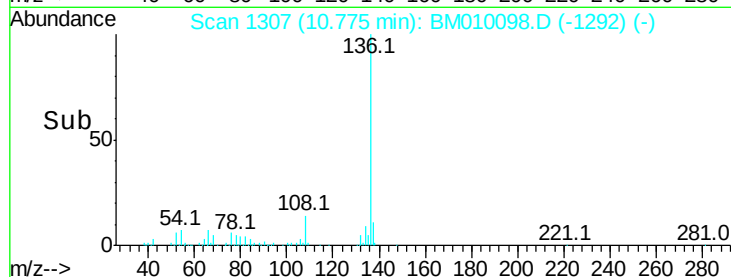
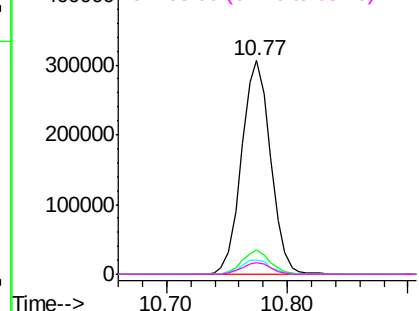
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM010098.D
Acq: 22 May 2017 12:36

Instrument :
BNA_M
ClientSampleId :

Tot 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

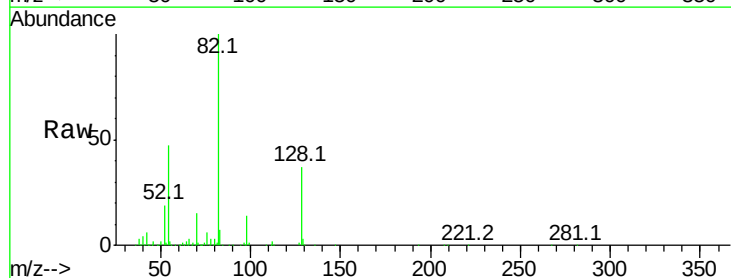


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

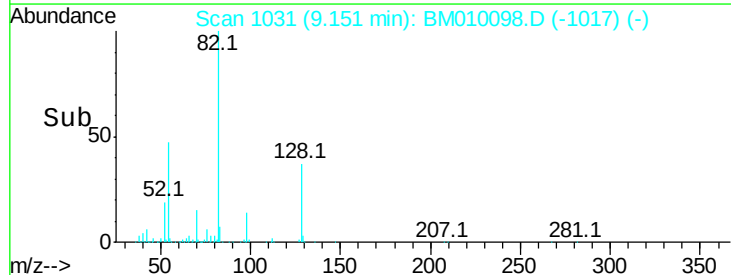
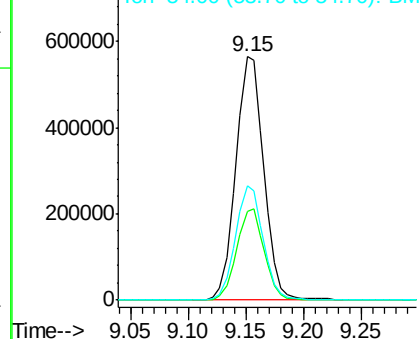


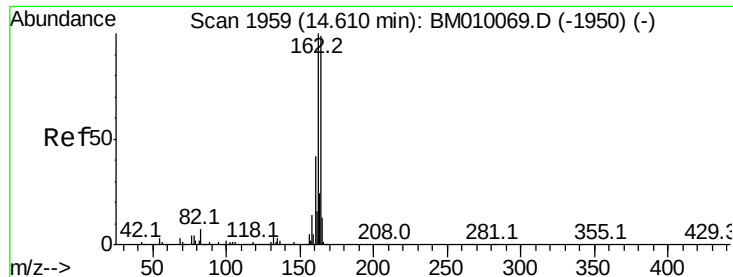
#23
Nitrobenzene-d5
Concen: 99.50 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010098.D
Acq: 22 May 2017 12:36

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



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





#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

Instrument :

BNA_M

ClientSampleId :

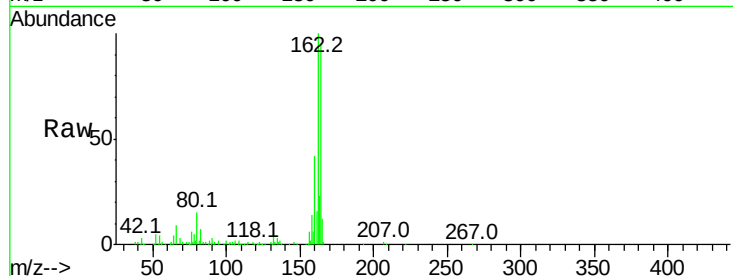
Tot Ion:164 Resp: 312373

Ion Ratio Lower Upper

164 100

162 105.6 82.4 123.6

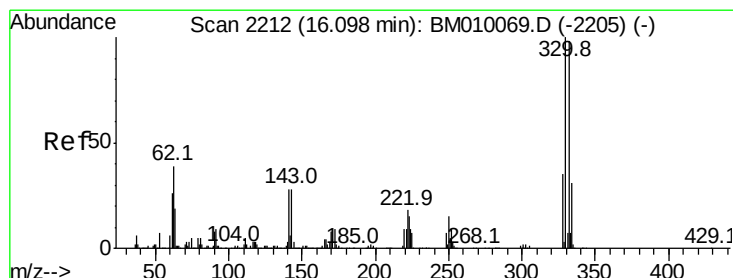
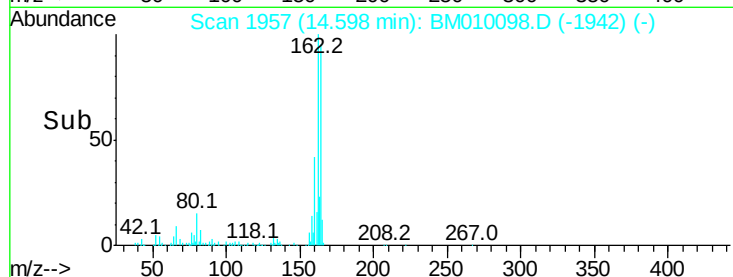
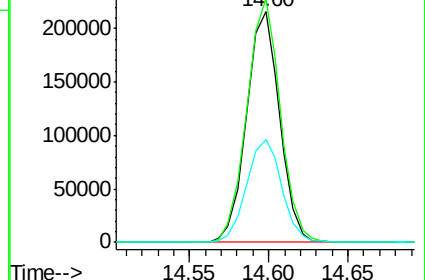
160 44.5 35.8 53.6



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: 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

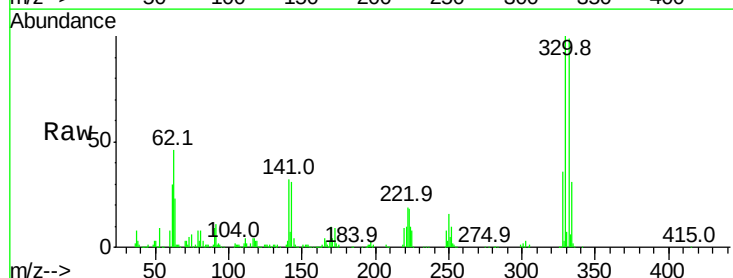
Tgt Ion:330 Resp: 659055

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

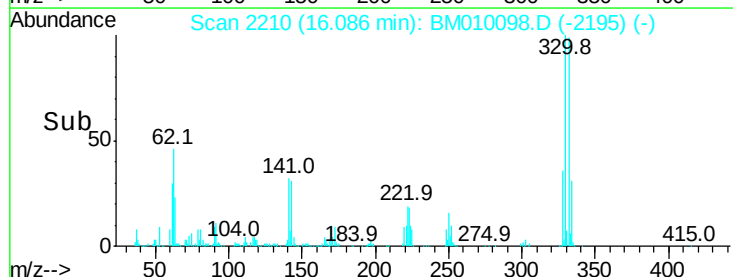
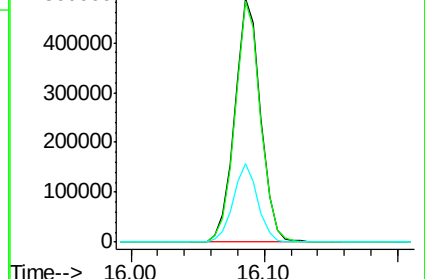
141 30.9 0.0 0.0#

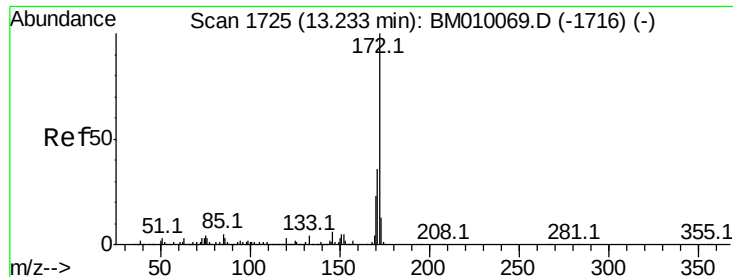


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

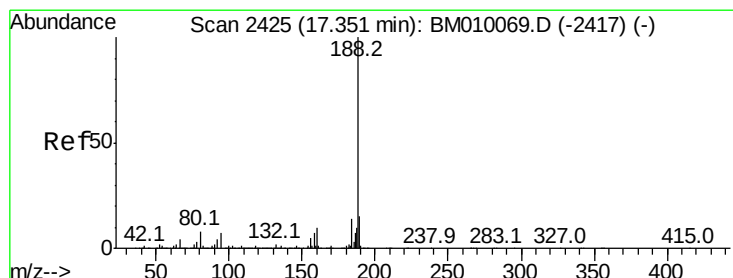
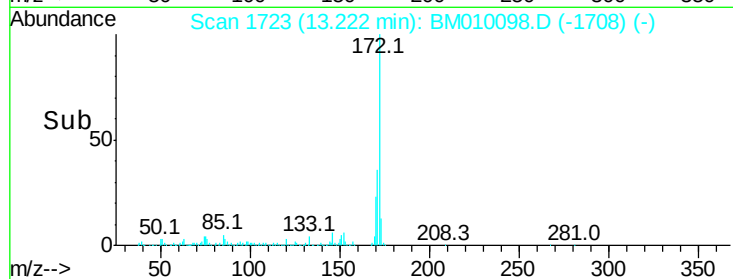
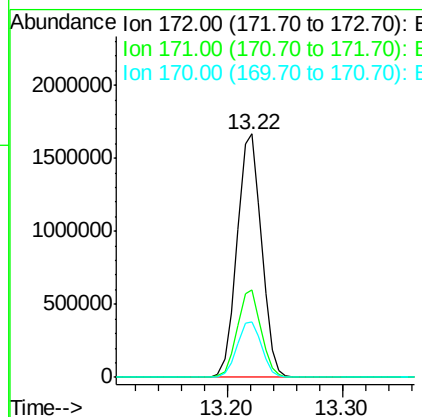
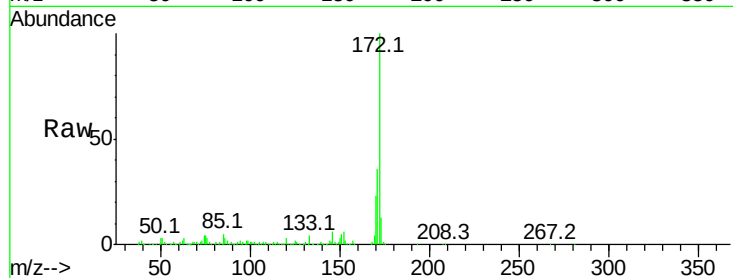




#44
2-Fluorobiphenyl
Concen: 100.04 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM010098.D
Acq: 22 May 2017 12:36

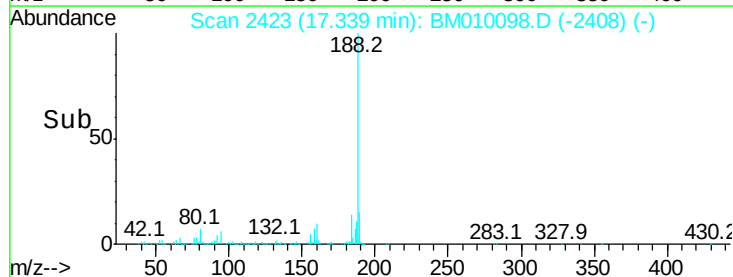
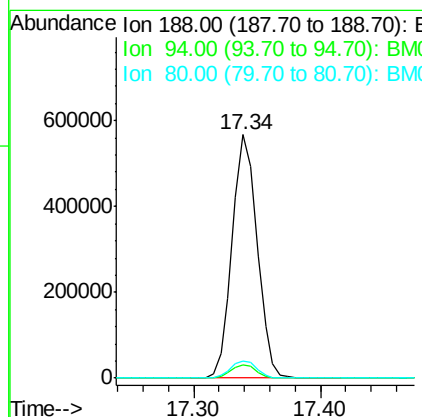
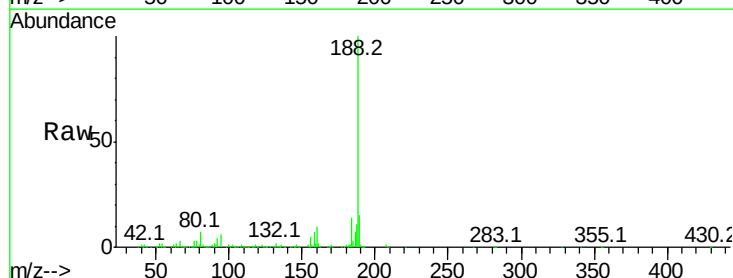
Instrument :
BNA_M
ClientSampleId :

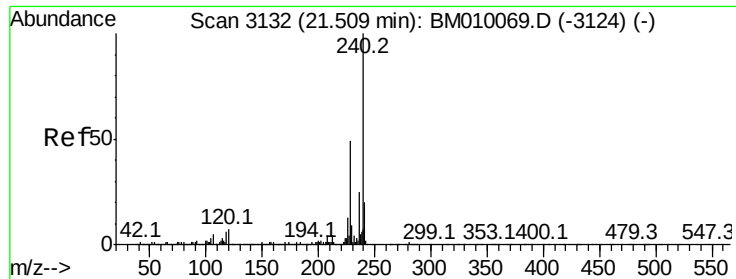
Tot Ion:172 Resp: 2430838
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 22.7 18.8 28.2



#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

Tgt 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

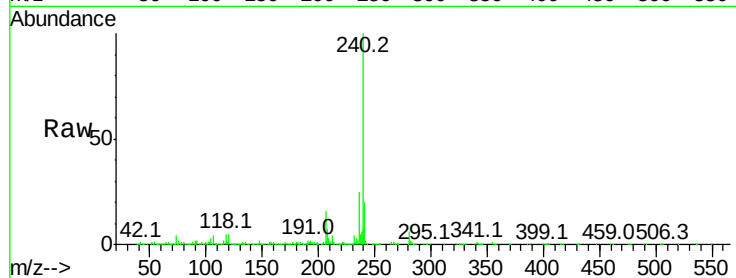
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1201365

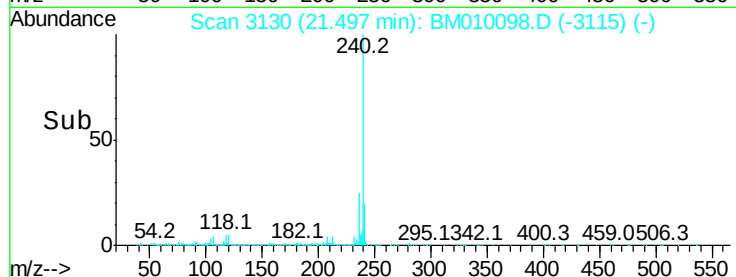
Ion	Ratio	Lower	Upper
240	100		
120	5.2	8.2	12.2#
236	25.2	20.0	30.0



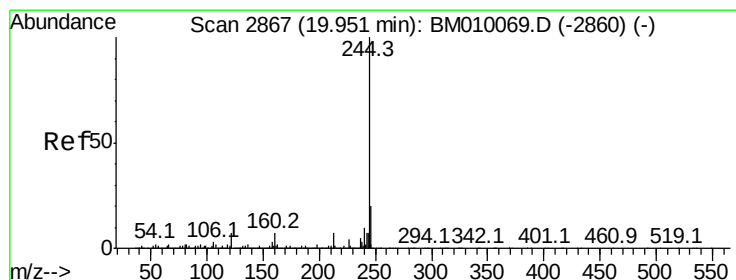
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.40 21.50 21.60



#78

Terphenyl-d14

Concen: 84.73 ng

RT: 19.94 min Scan# 2866

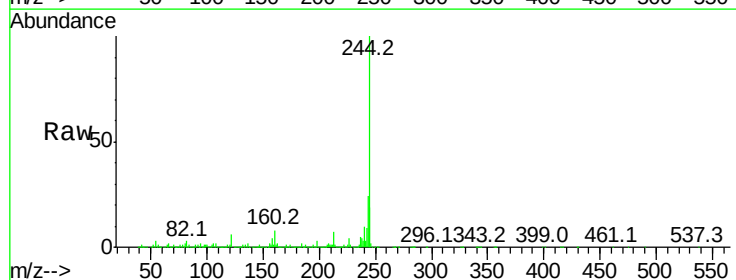
Delta R.T. -0.01 min

Lab File: BM010098.D

Acq: 22 May 2017 12:36

Tgt Ion:244 Resp: 4476615

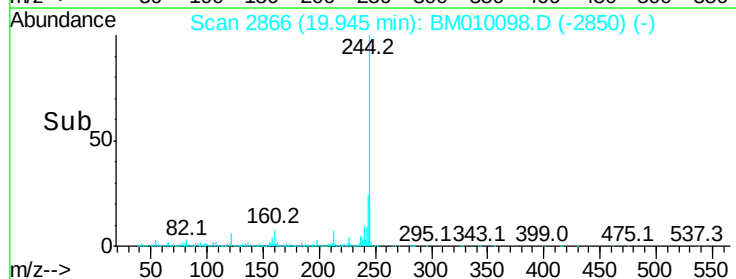
Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.3	6.2	9.4



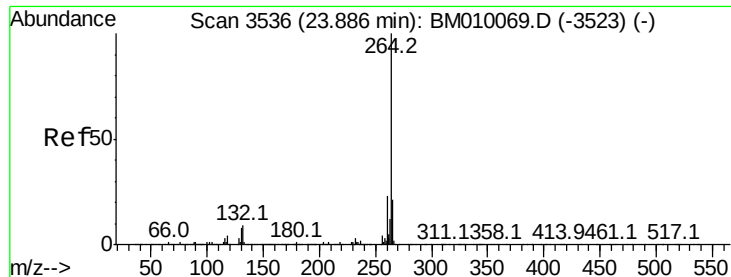
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00

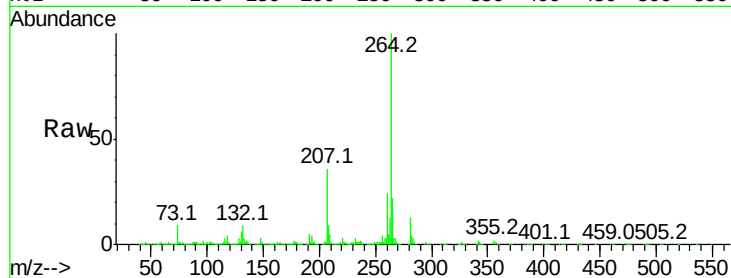


#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.87 min Scan# 3533
 Delta R.T. -0.02 min
 Lab File: BM010098.D
 Acq: 22 May 2017 12:36

Instrument :
 BNA_M
 ClientSampleId :

Tot 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

