

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010101.D
 Acq On : 22 May 2017 14:23
 Operator : SJ/MA
 Sample : PB99134BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 05:25:54 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

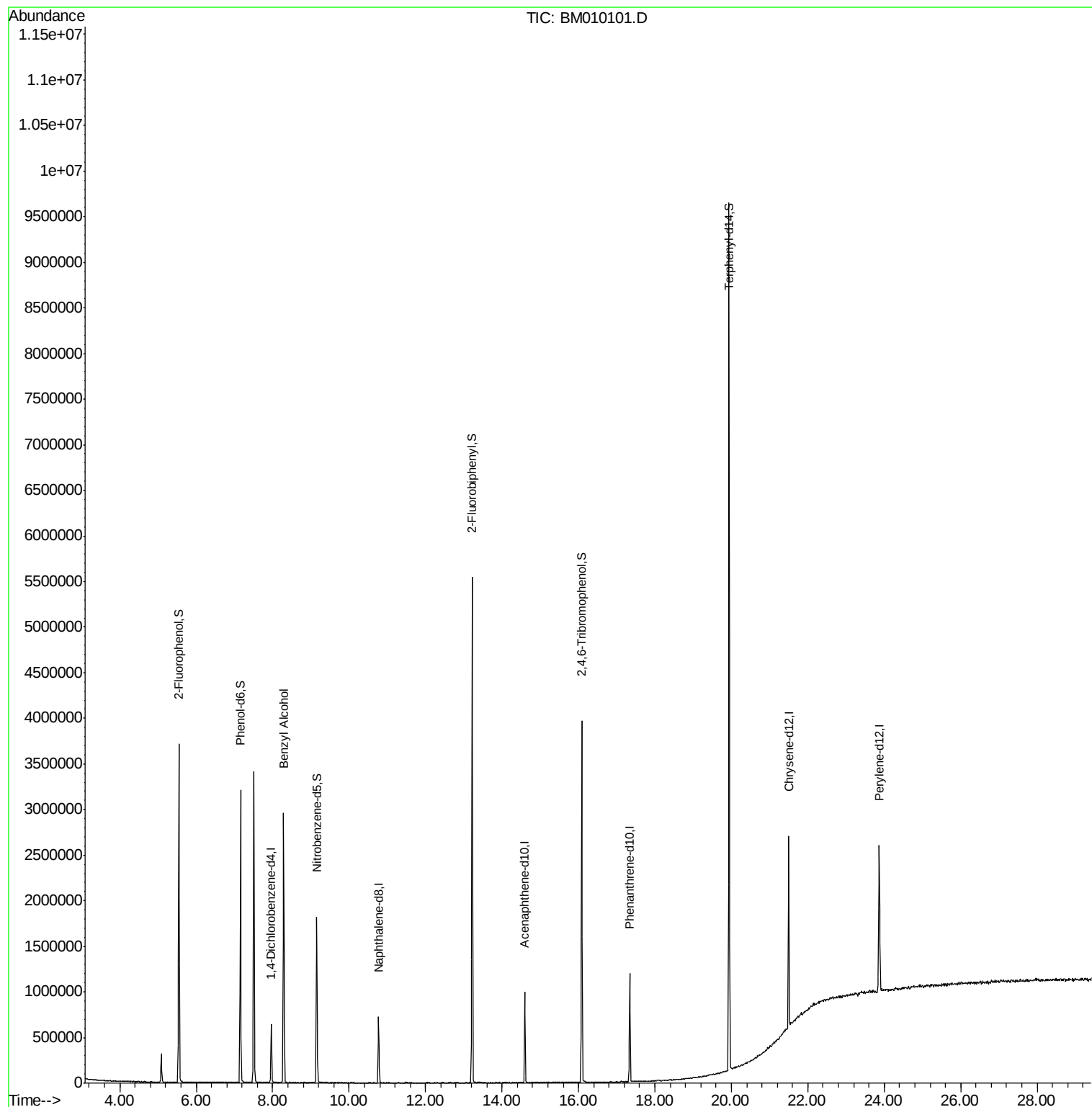
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	158966	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	530668	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	317107	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	727794	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1049749	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1277896	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1357793	154.24	ng	-0.01
7) Phenol-d6	7.16	99	1608754	142.03	ng	-0.01
23) Nitrobenzene-d5	9.15	82	1047881	106.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	677256	140.62	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	2634957	106.82	ng	-0.01
78) Terphenyl-d14	19.94	244	4042941	87.57	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.29	79	22475	2.62	ng	Qvalue # 41

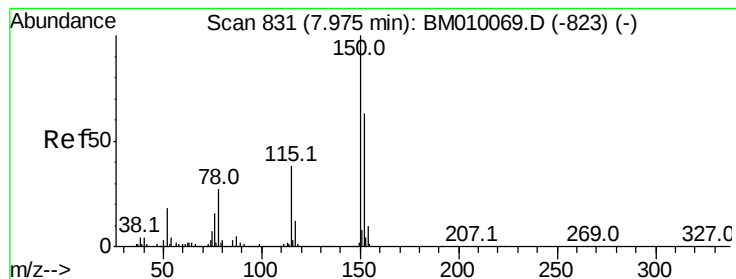
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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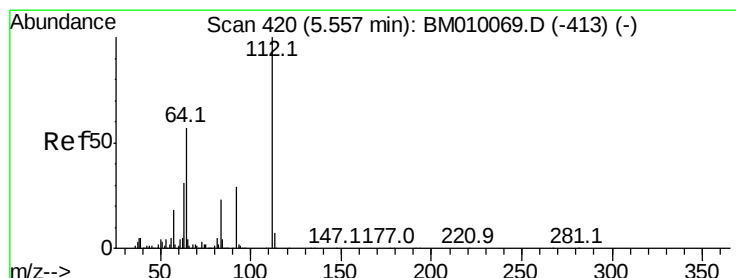
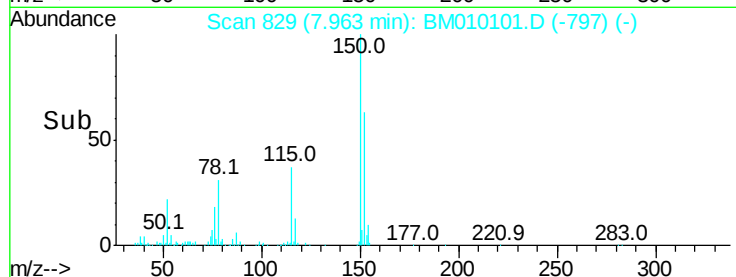
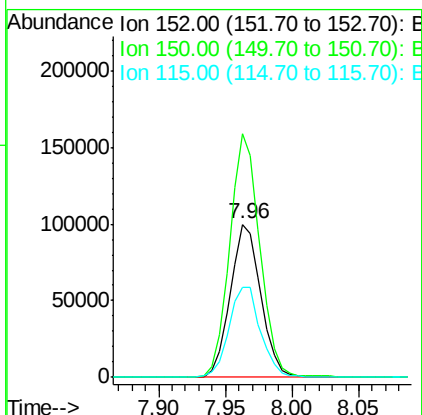
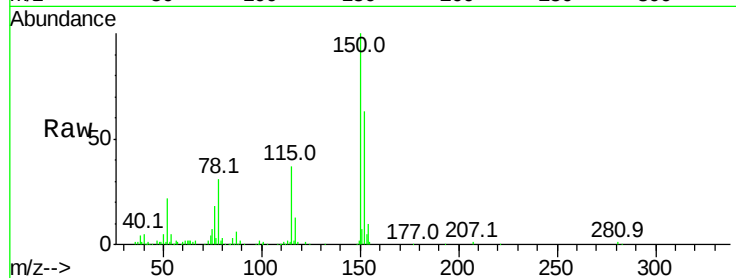




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM010101.D
 Acq: 22 May 2017 14:23

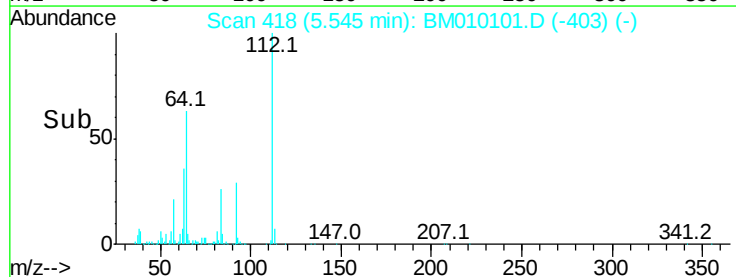
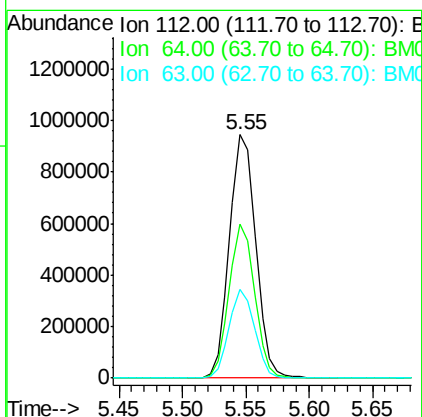
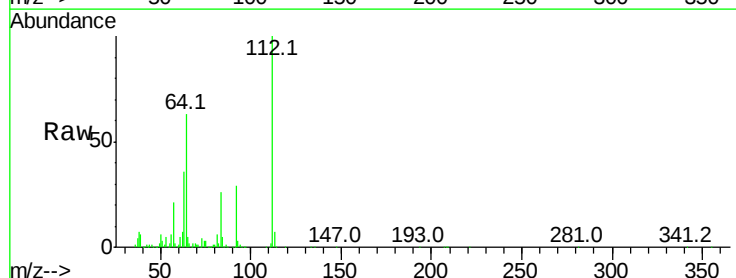
Instrument :
 BNA_M
 ClientSampleId :

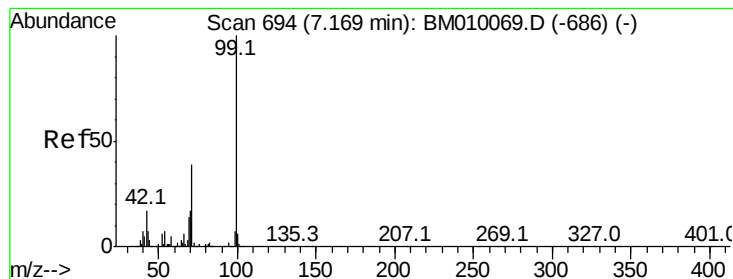
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	58.6	43.0	64.4



#5
 2-Fluorophenol
 Concen: 154.24 ng
 RT: 5.55 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BM010101.D
 Acq: 22 May 2017 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	38.6	57.8#
63	36.2	19.3	28.9#





#7

Phenol-d6

Concen: 142.03 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM010101.D

Acq: 22 May 2017 14:23

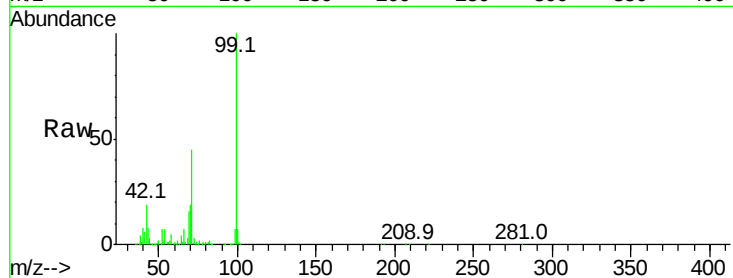
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1608754

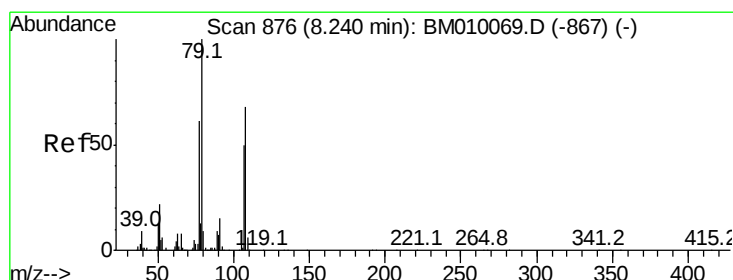
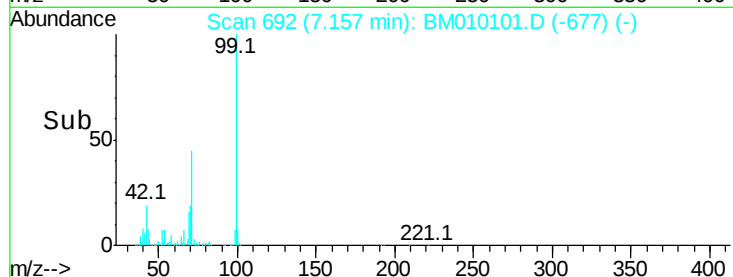
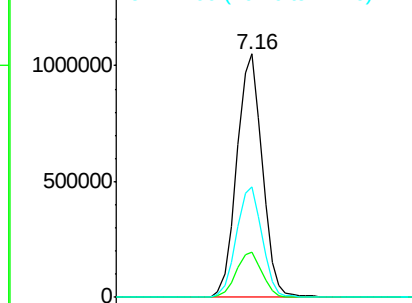
Ion	Ratio	Lower	Upper
99	100		
42	18.5	11.0	16.4#
71	45.3	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#15

Benzyl Alcohol

Concen: 2.62 ng

RT: 8.29 min Scan# 884

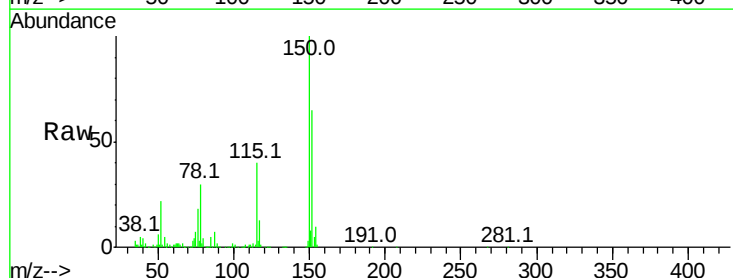
Delta R.T. 0.05 min

Lab File: BM010101.D

Acq: 22 May 2017 14:23

Tgt Ion: 79 Resp: 22475

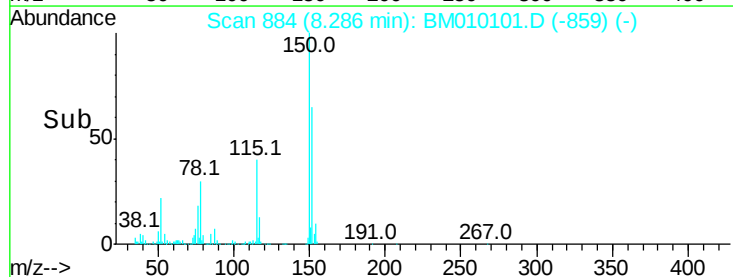
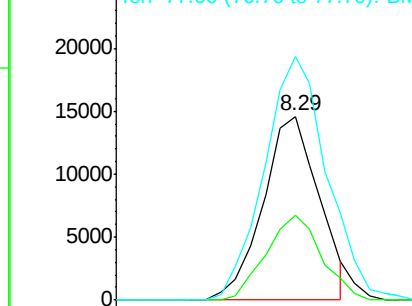
Ion	Ratio	Lower	Upper
79	100		
108	46.1	65.0	97.4#
77	132.7	53.0	79.6#

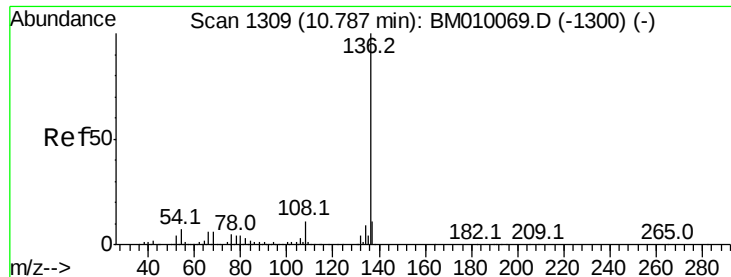


Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-867) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM010101.D

Acq: 22 May 2017 14:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 530668

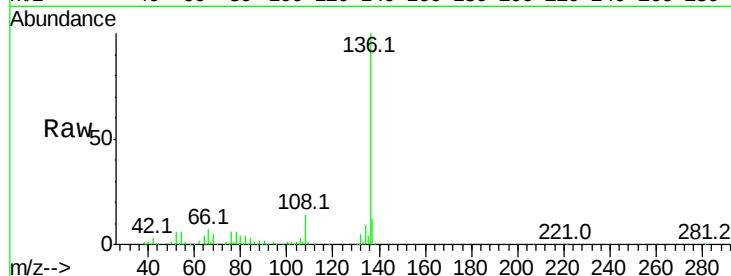
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 6.4 4.6 6.8

68 5.3 3.7 5.5

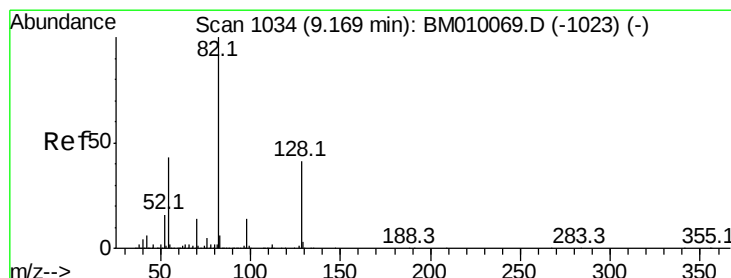
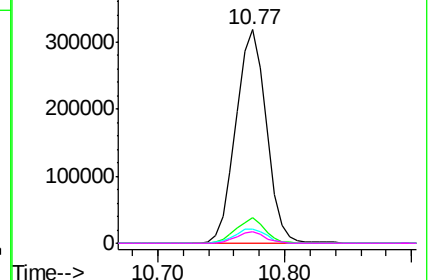
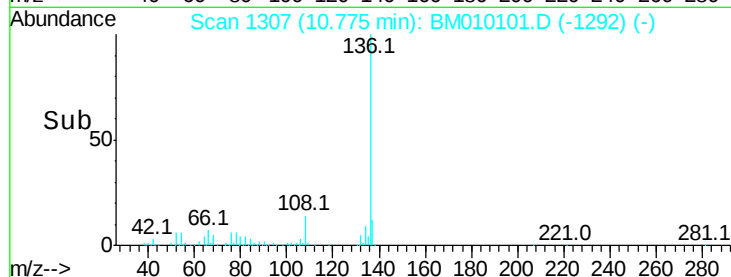


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.54 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BM010101.D

Acq: 22 May 2017 14:23

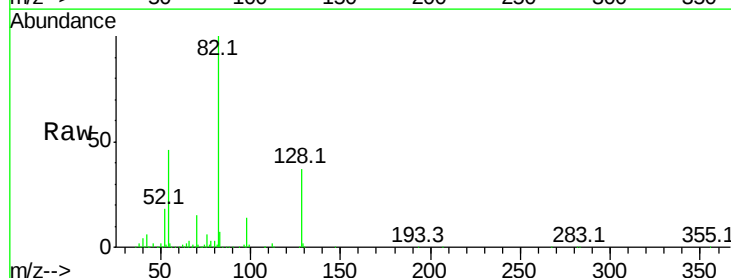
Tgt Ion: 82 Resp: 1047881

Ion Ratio Lower Upper

82 100

128 36.6 32.8 49.2

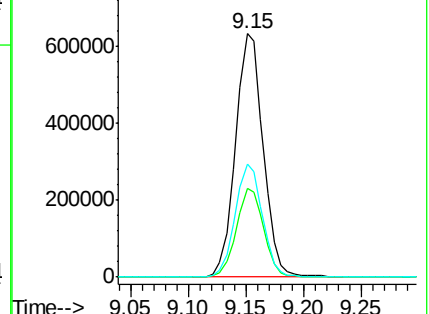
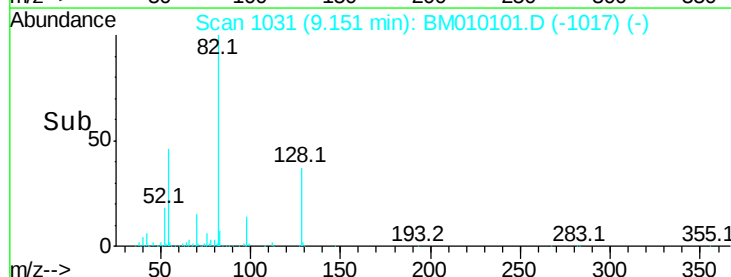
54 46.4 40.6 60.8

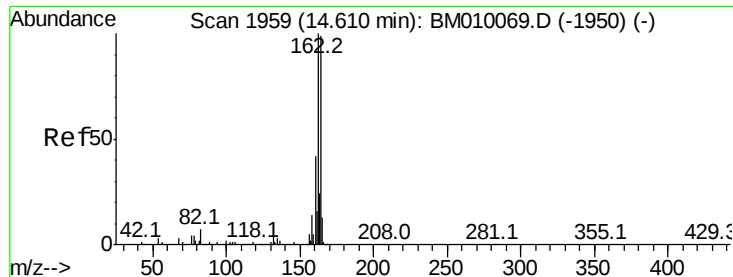


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM010101.D

Acq: 22 May 2017 14:23

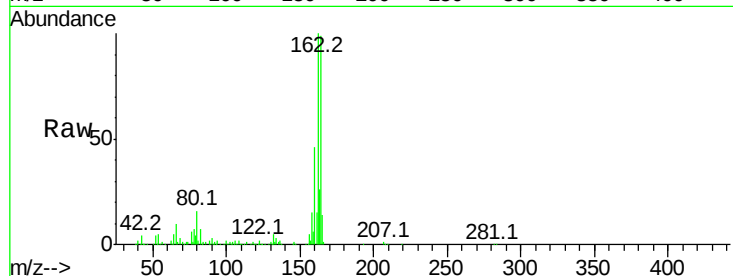
Instrument :

BNA_M

ClientSampled :

Tot Ion:164 Resp: 317107

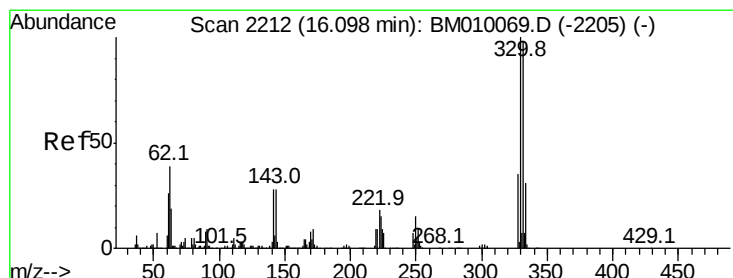
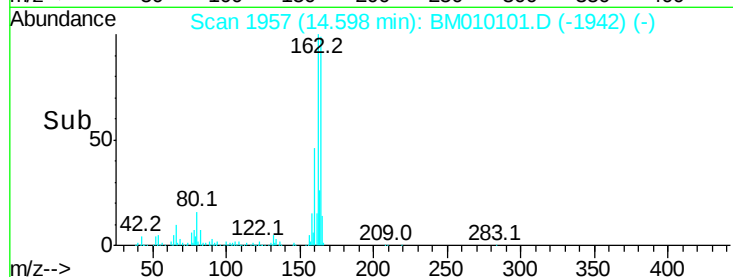
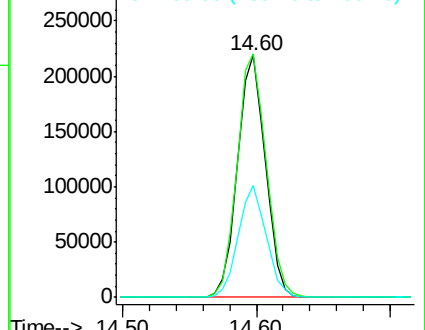
Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.4	123.6
160	46.1	35.8	53.6



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: 140.62 ng

RT: 16.09 min Scan# 2210

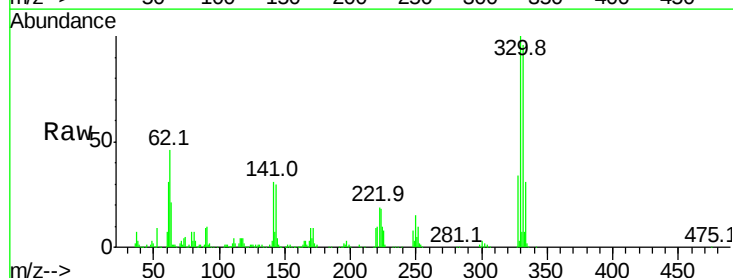
Delta R.T. -0.01 min

Lab File: BM010101.D

Acq: 22 May 2017 14:23

Tgt Ion:330 Resp: 677256

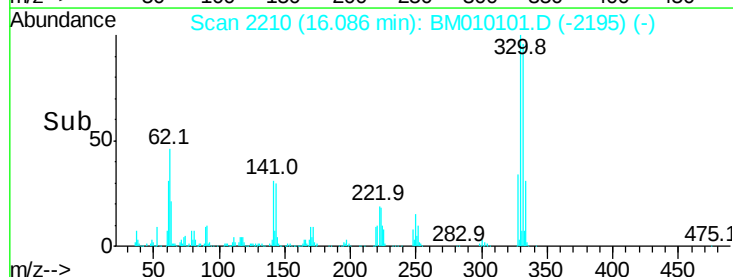
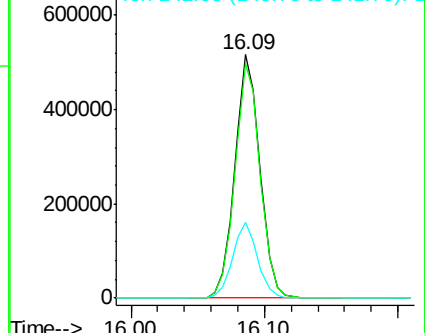
Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	31.0	0.0	0.0#

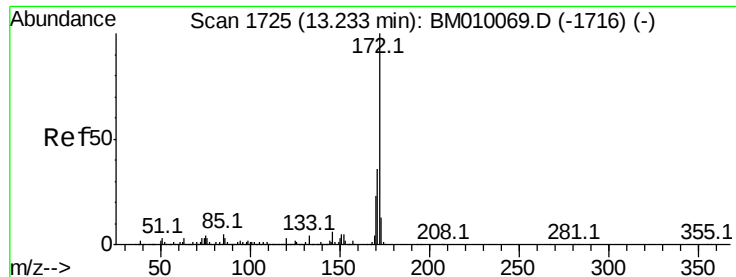


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

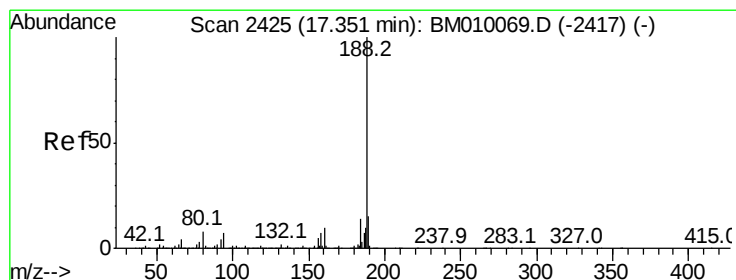
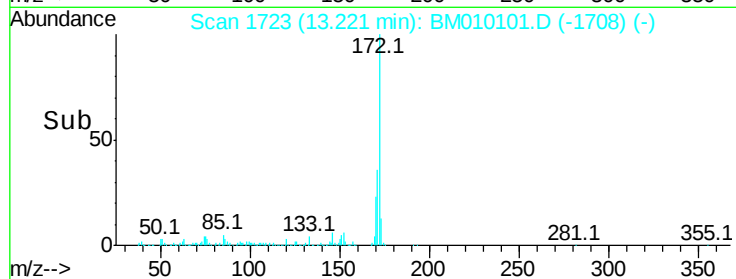
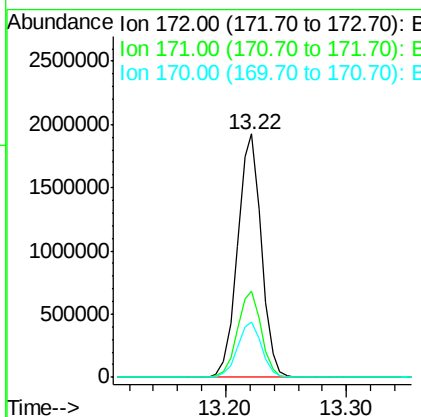
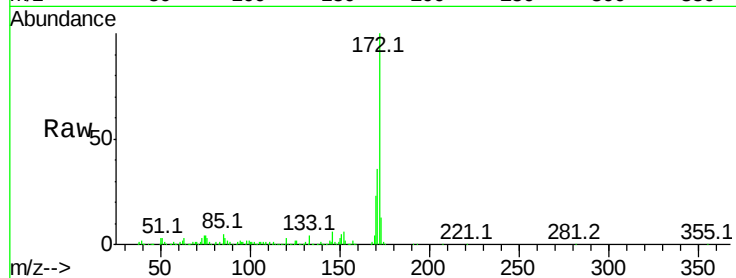




#44
2-Fluorobiphenyl
Concen: 106.82 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BM010101.D
Acq: 22 May 2017 14:23

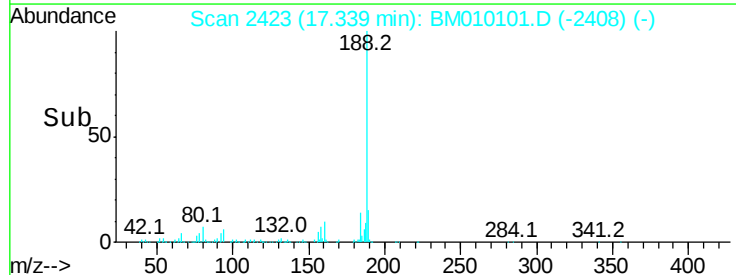
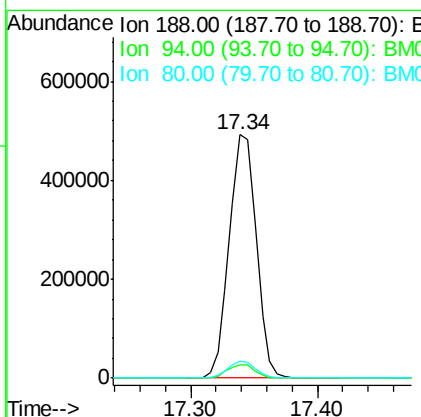
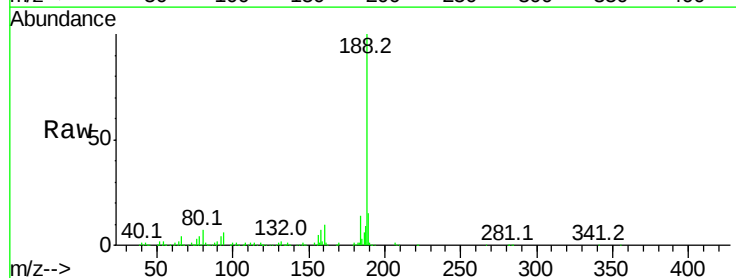
Instrument :
BNA_M
ClientSampleId :

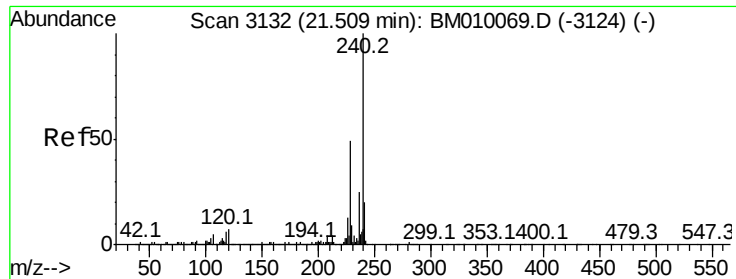
Tot Ion:172 Resp: 2634957
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.9 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010101.D
Acq: 22 May 2017 14:23

Tgt Ion:188 Resp: 727794
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 7.0 9.3 13.9#

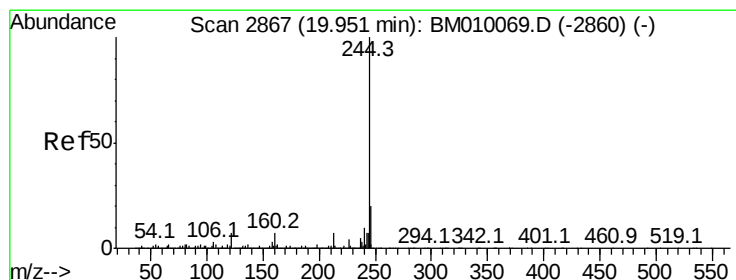
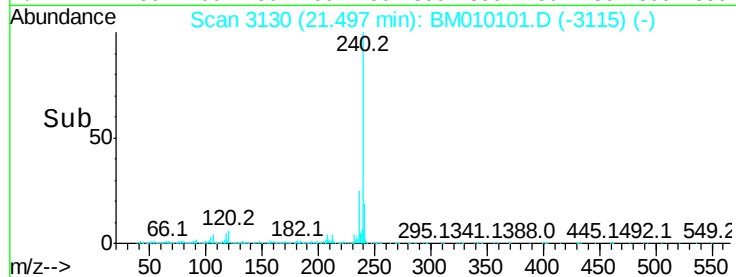
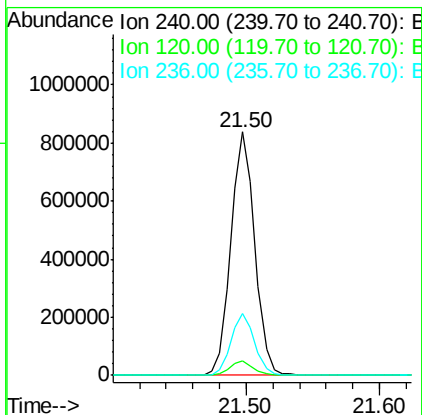
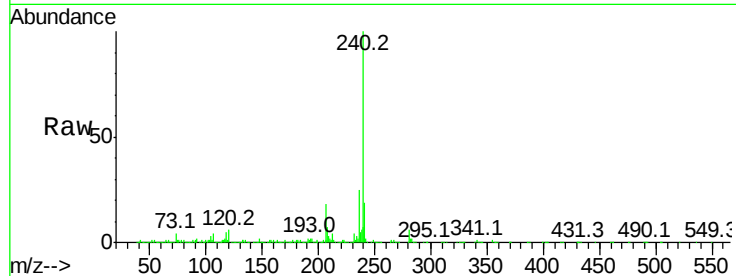




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.50 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM010101.D
 Acq: 22 May 2017 14:23

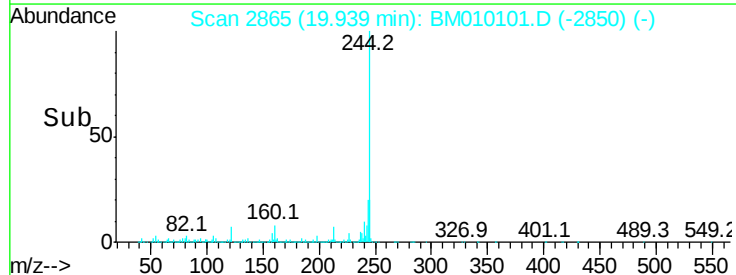
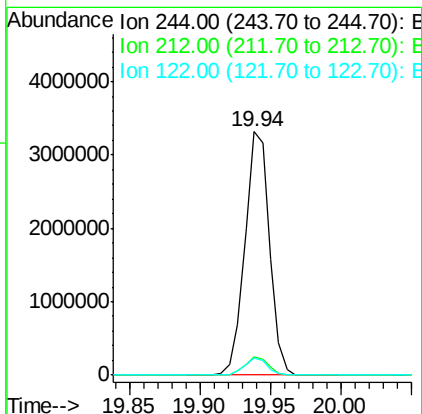
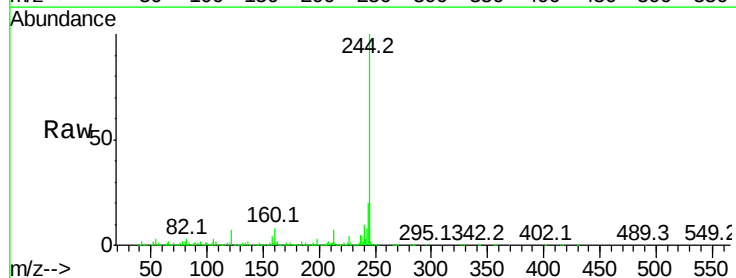
Instrument :
 BNA_M
 ClientSampleId :

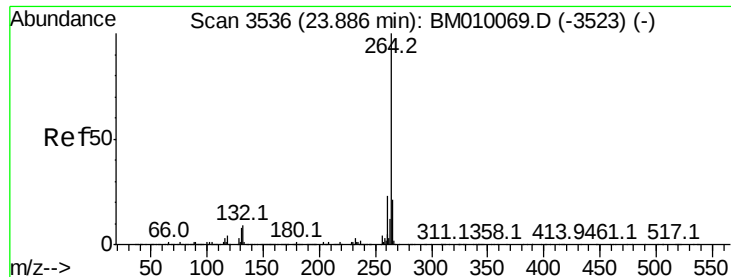
Tot Ion:240 Resp: 1049749
 Ion Ratio Lower Upper
 240 100
 120 5.9 8.2 12.2#
 236 25.3 20.0 30.0



#78
 Terphenyl-d14
 Concen: 87.57 ng
 RT: 19.94 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM010101.D
 Acq: 22 May 2017 14:23

Tgt Ion:244 Resp: 4042941
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.9 7.3
 122 6.8 6.2 9.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.87 min Scan# 3533
 Delta R.T. -0.02 min
 Lab File: BM010101.D
 Acq: 22 May 2017 14:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 264 Resp: 1277896

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.9	17.3	25.9

