

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010109.D
 Acq On : 22 May 2017 19:10
 Operator : SJ/MA
 Sample : PB99103BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 05:29:37 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

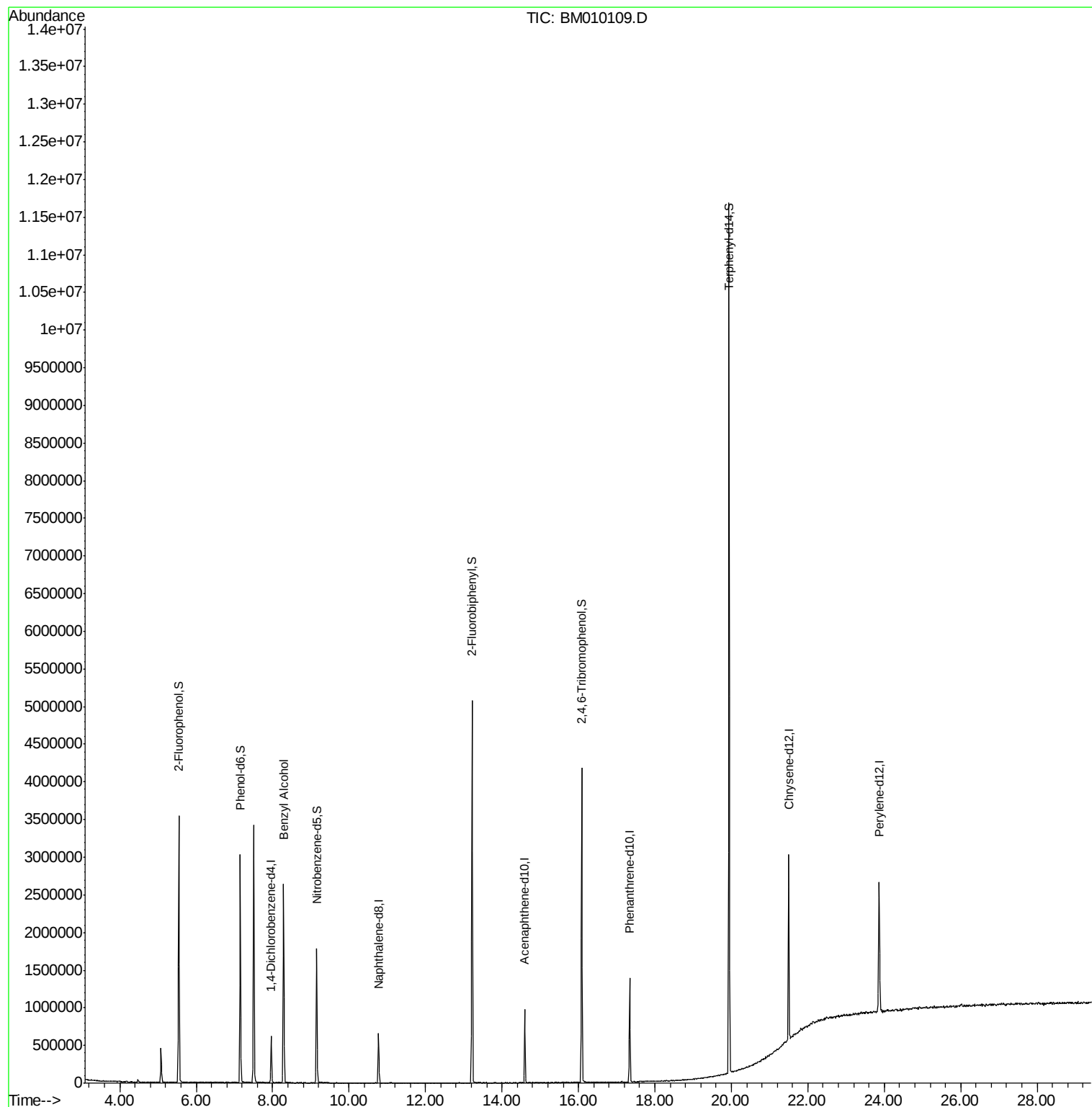
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	152986	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	515314	20.00	ng	-0.01
38) Acenaphthene-d10	14.59	164	314136	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	797564	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1224953	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1377843	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1285725	151.77	ng	-0.01
7) Phenol-d6	7.15	99	1553290	142.49	ng	-0.02
23) Nitrobenzene-d5	9.15	82	977907	102.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	725324	152.03	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	2540809	103.98	ng	-0.02
78) Terphenyl-d14	19.94	244	4814212	89.36	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.29	79	22234	2.70	ng	Qvalue # 32

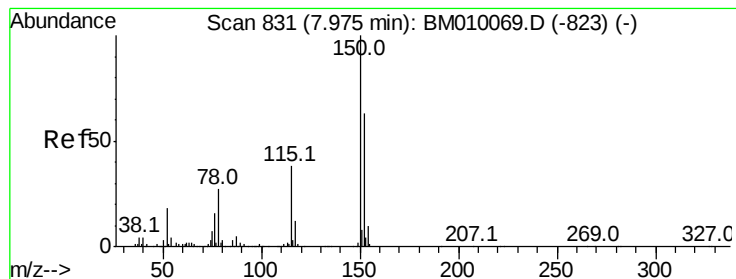
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010109.D

Acq: 22 May 2017 19:10

Instrument :

BNA_M

ClientSampled :

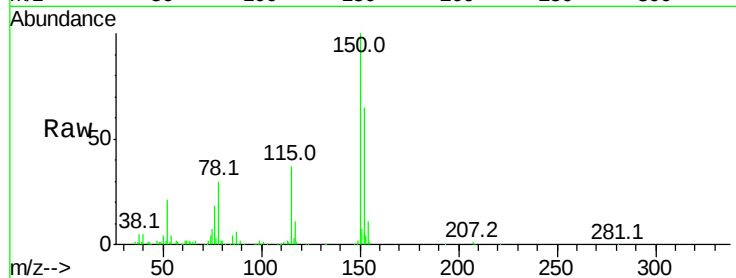
Tot Ion:152 Resp: 152986

Ion Ratio Lower Upper

152 100

150 154.9 119.5 179.3

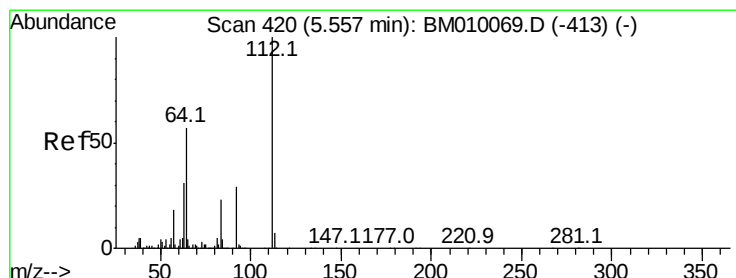
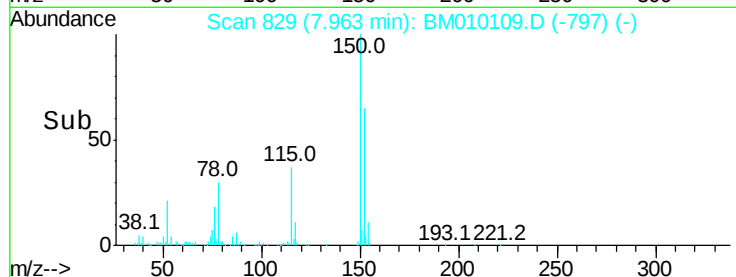
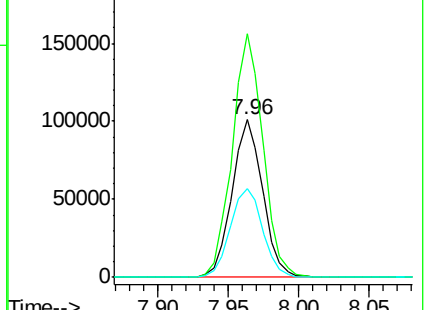
115 56.8 43.0 64.4



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: 151.77 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.01 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

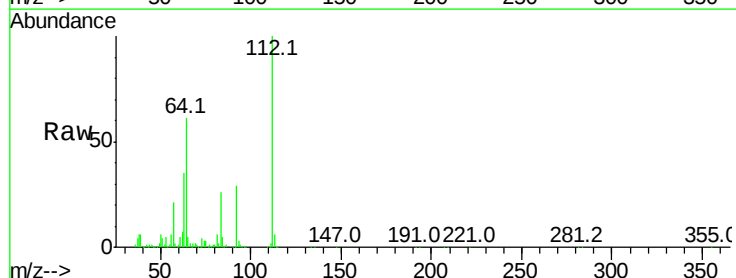
Tgt Ion:112 Resp: 1285725

Ion Ratio Lower Upper

112 100

64 60.6 38.6 57.8#

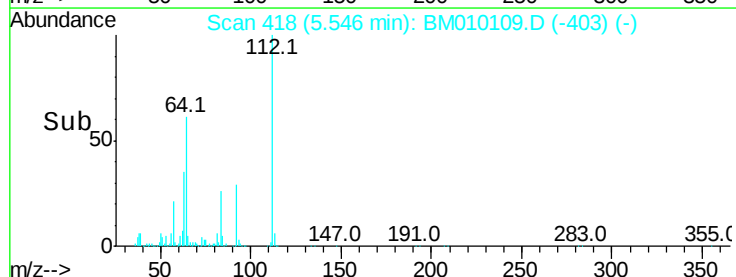
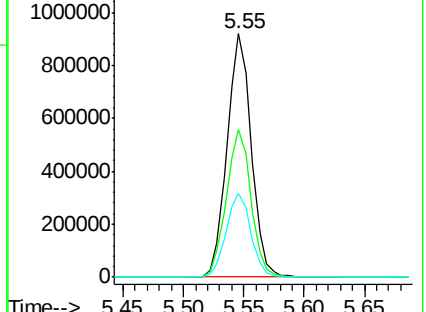
63 34.6 19.3 28.9#



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: 142.49 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

Instrument :

BNA_M

ClientSampled :

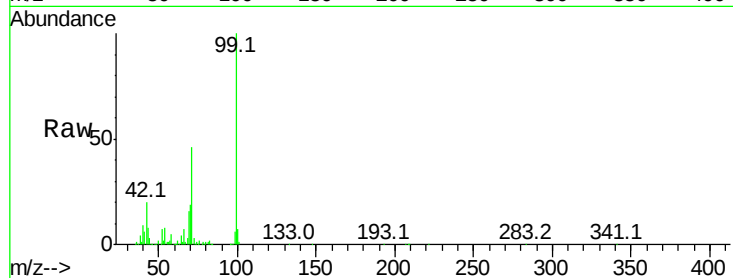
Tot Ion: 99 Resp: 1553290

Ion Ratio Lower Upper

99 100

42 19.5 11.0 16.4#

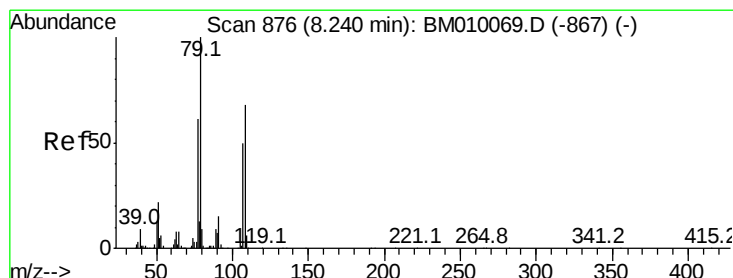
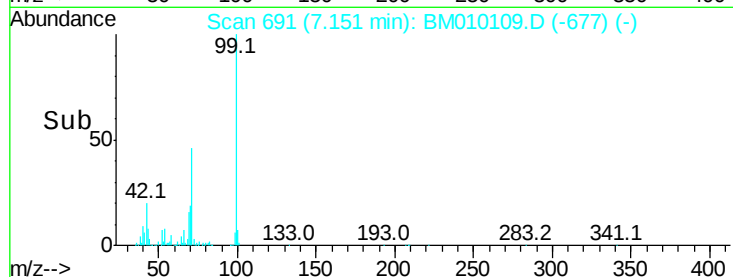
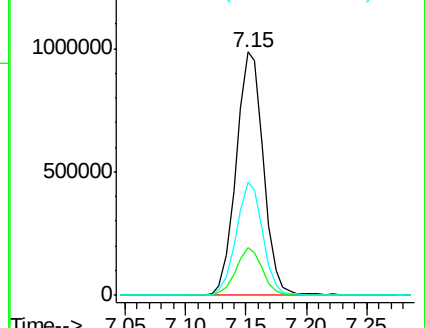
71 46.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010109.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010109.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010109.D (-686) (-)



#15

Benzyl Alcohol

Concen: 2.70 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.05 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

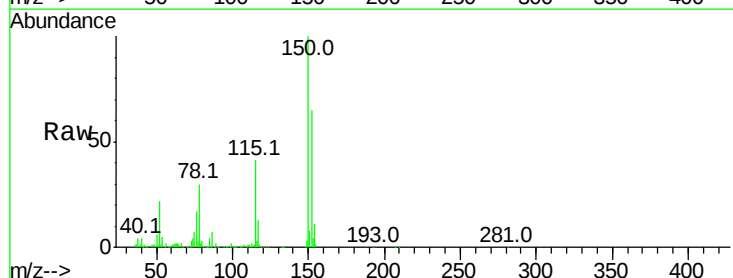
Tgt Ion: 79 Resp: 22234

Ion Ratio Lower Upper

79 100

108 36.1 65.0 97.4#

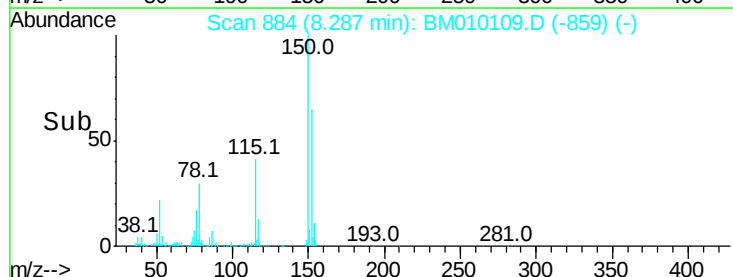
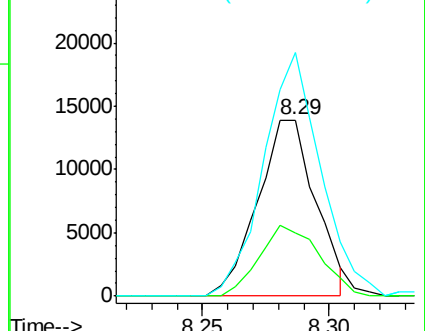
77 138.1 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010109.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010109.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010109.D (-867) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 515314

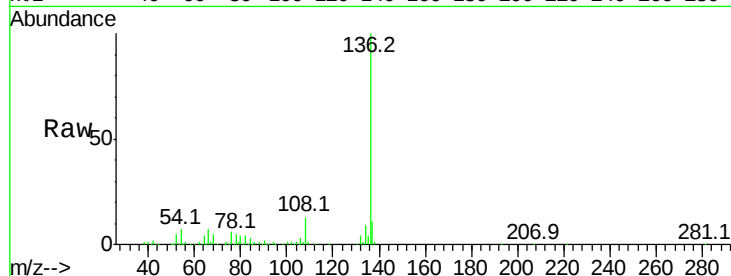
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 6.7 4.6 6.8

68 5.1 3.7 5.5

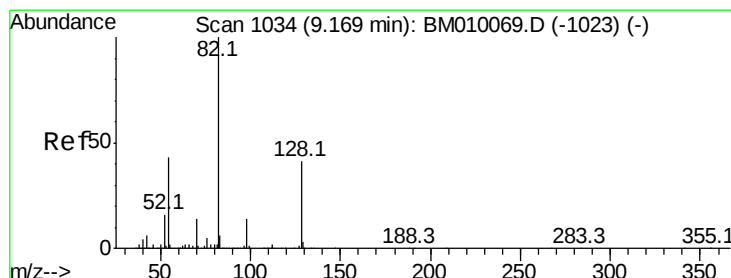
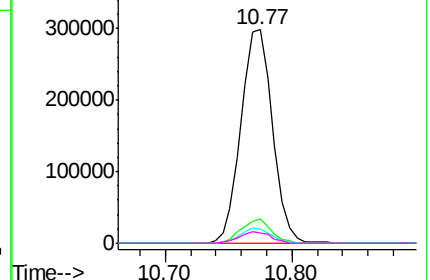
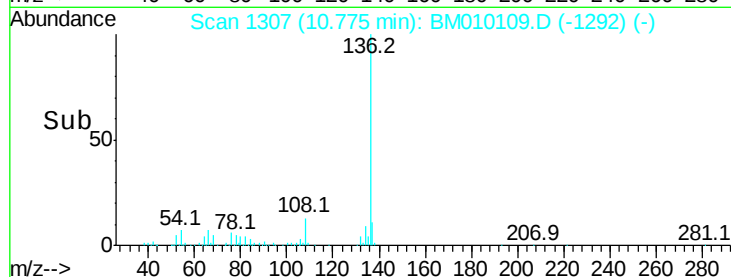


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.38 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

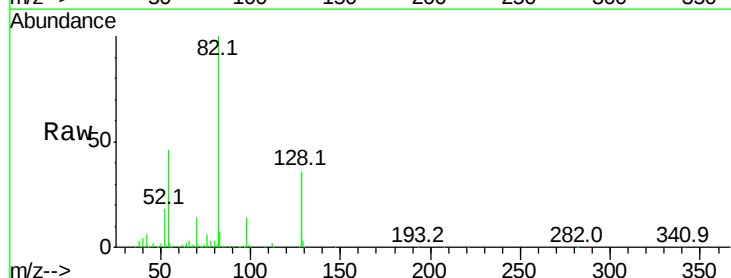
Tgt Ion: 82 Resp: 977907

Ion Ratio Lower Upper

82 100

128 35.7 32.8 49.2

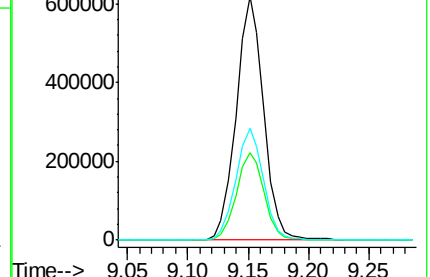
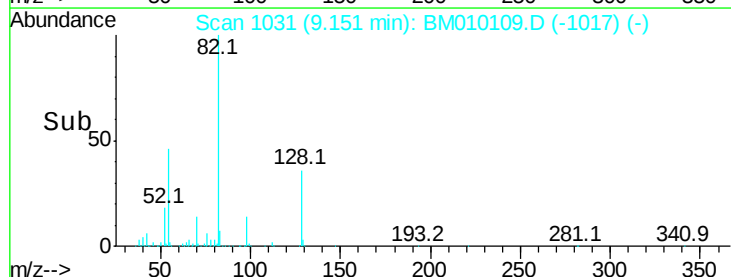
54 46.0 40.6 60.8

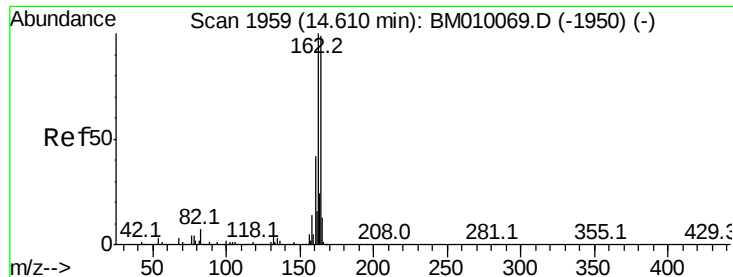


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

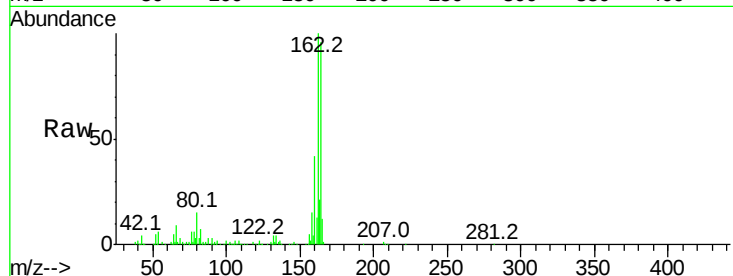
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 314136

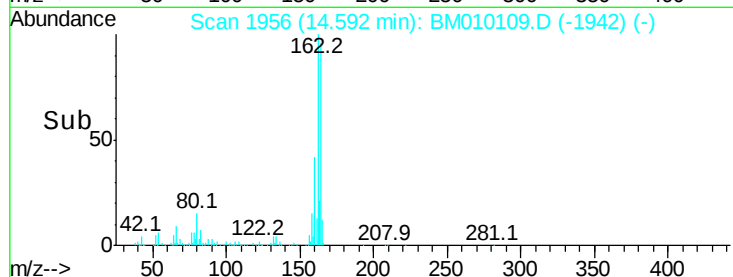
Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	43.6	35.8	53.6



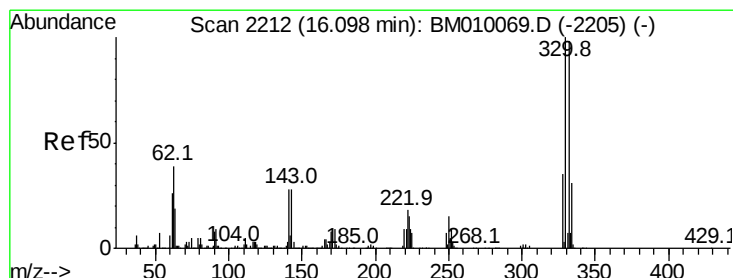
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 152.03 ng

RT: 16.09 min Scan# 2210

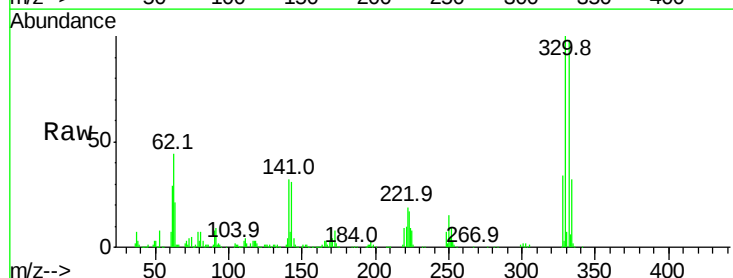
Delta R.T. -0.01 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

Tgt Ion:330 Resp: 725324

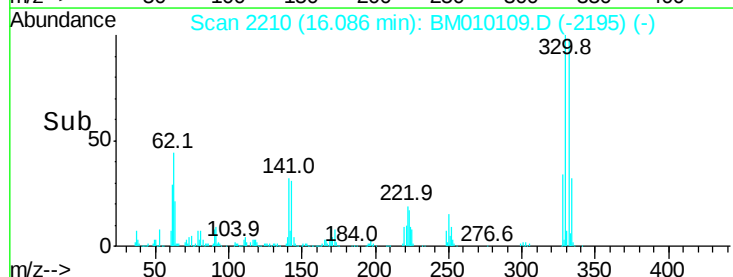
Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	31.4	0.0	0.0#



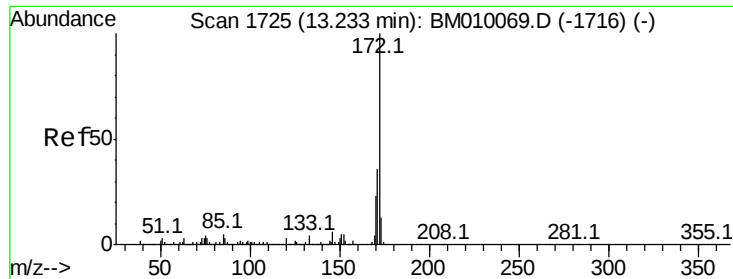
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 103.98 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

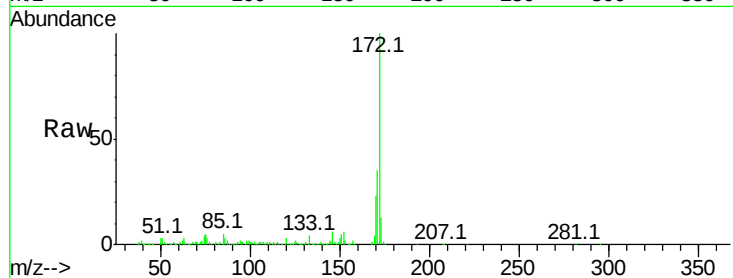
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 2540809

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.1	18.8	28.2

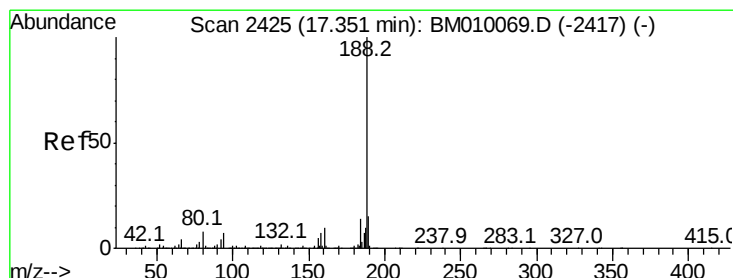
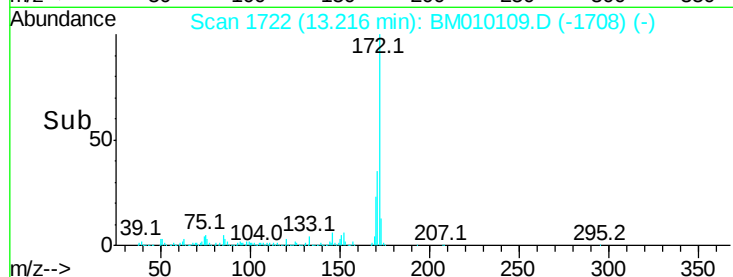
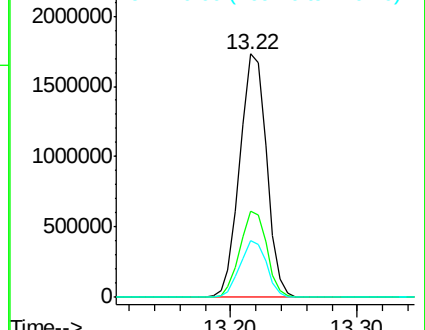


Abundance

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

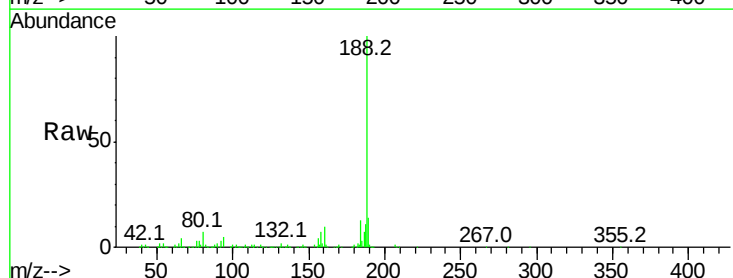
Delta R.T. -0.01 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

Tgt Ion:188 Resp: 797564

Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	7.3	9.3	13.9#

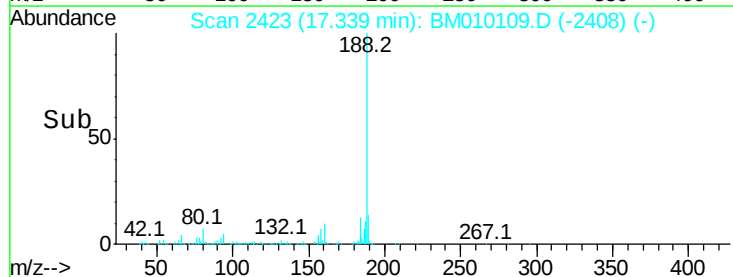
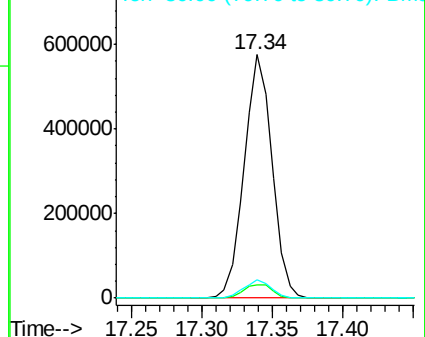


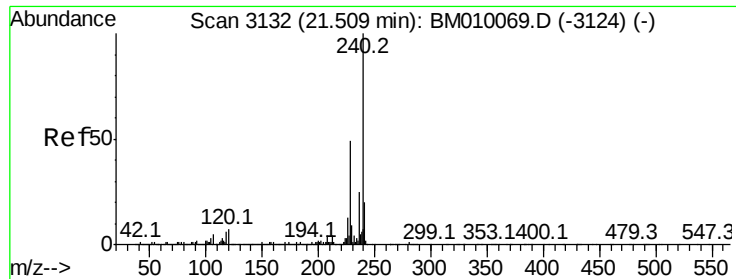
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

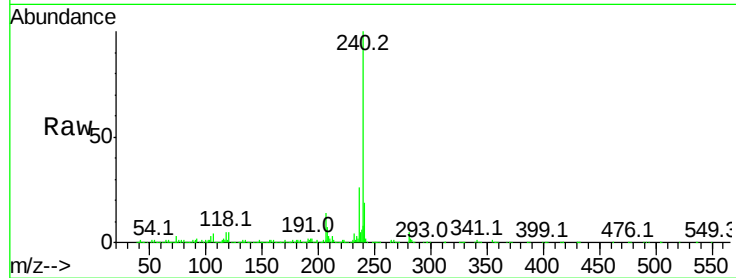
Instrument :

BNA_M

ClientSampled :

Tot Ion:240 Resp: 1224953

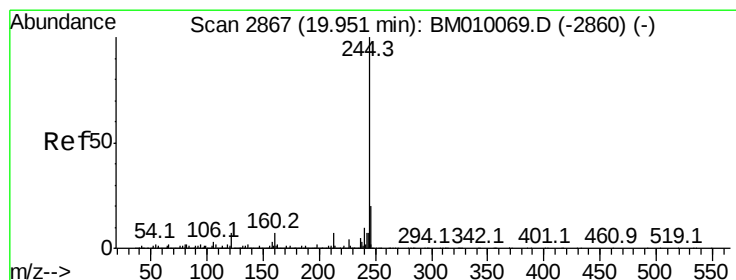
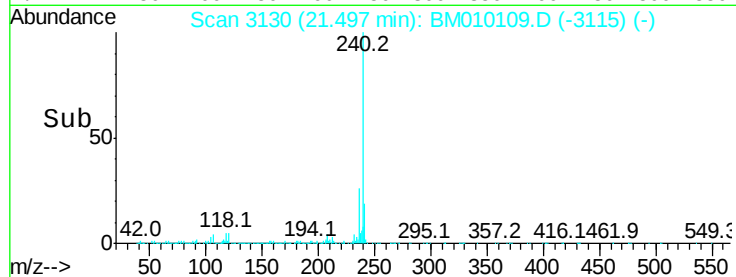
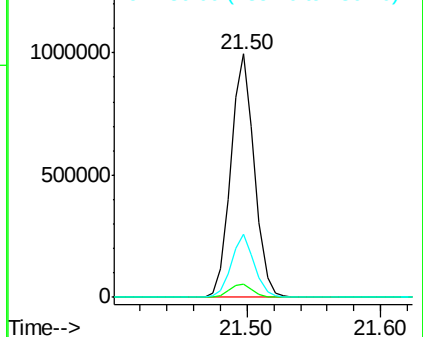
Ion	Ratio	Lower	Upper
240	100		
120	5.4	8.2	12.2#
236	25.7	20.0	30.0



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



#78

Terphenyl-d14

Concen: 89.36 ng

RT: 19.94 min Scan# 2865

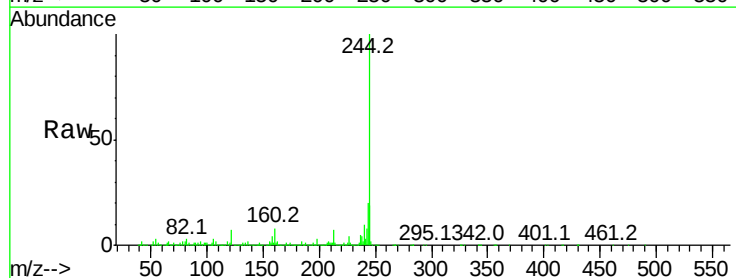
Delta R.T. -0.01 min

Lab File: BM010109.D

Acq: 22 May 2017 19:10

Tgt Ion:244 Resp: 4814212

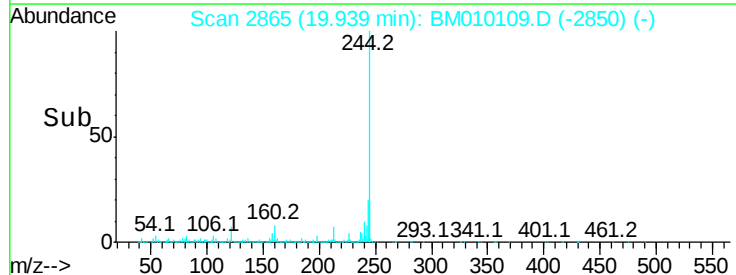
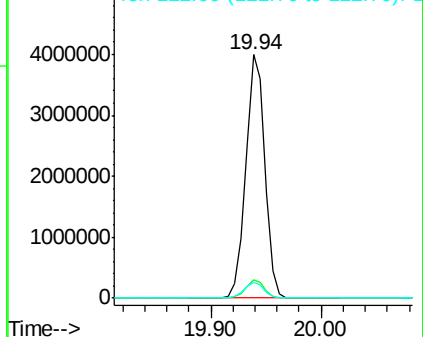
Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	6.6	6.2	9.4

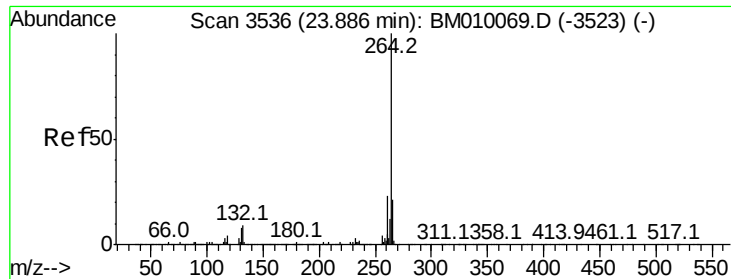


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



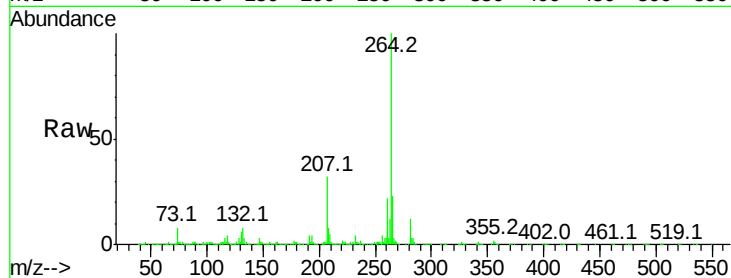


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BM010109.D
Acq: 22 May 2017 19:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1377843

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	23.2	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

