

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010211.D
 Acq On : 25 May 2017 10:48
 Operator : SJ/MA
 Sample : I3309-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-9

Quant Time: May 25 13:35:58 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

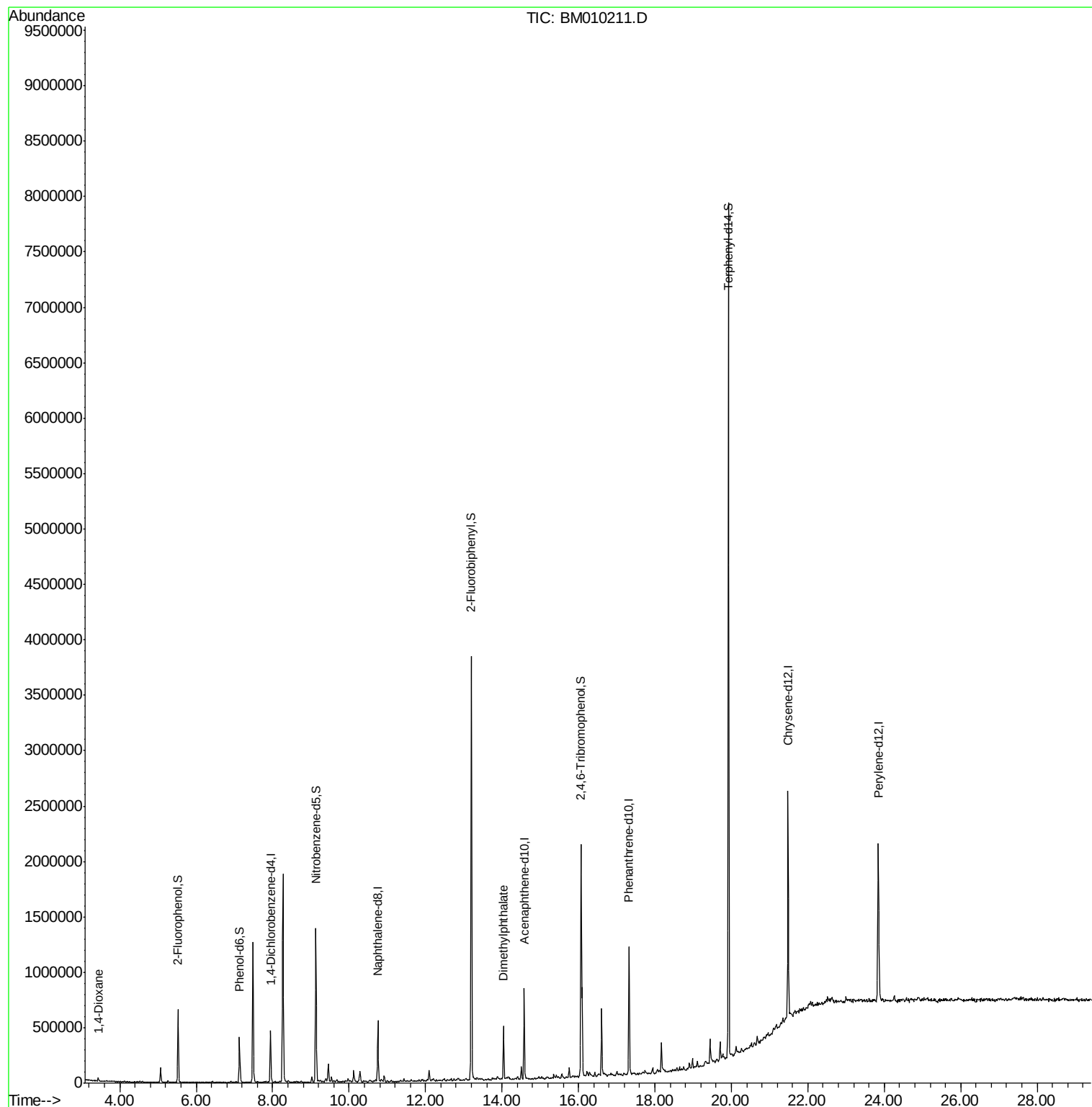
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	114762	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	385733	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	258311	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	672022	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	1032877	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1124870	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	235081	36.99	ng	-0.03
7) Phenol-d6	7.13	99	206948	25.31	ng	-0.04
23) Nitrobenzene-d5	9.13	82	736579	103.02	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	349915	89.19	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	1894465	94.28	ng	-0.04
78) Terphenyl-d14	19.93	244	3064706	67.47	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.43	88	15283	5.23	ng	# 100
49) Dimethylphthalate	14.04	163	269803	11.71	ng	# 97

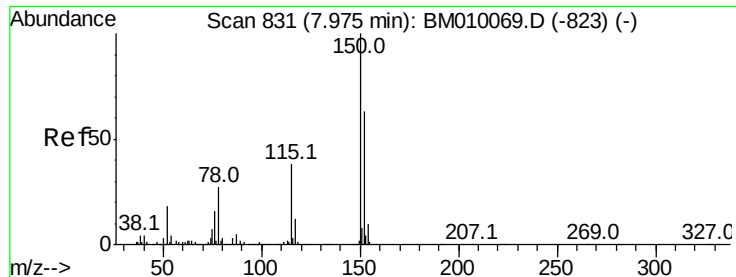
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.03 min

Lab File: BM010211.D

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GMW-9

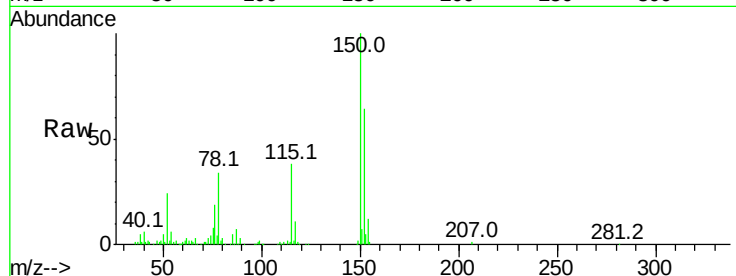
Tot Ion:152 Resp: 114762

Ion Ratio Lower Upper

152 100

150 156.0 119.5 179.3

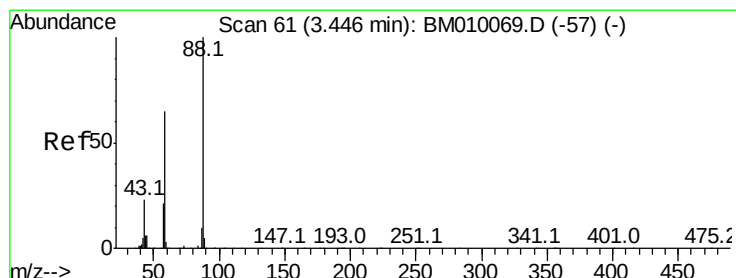
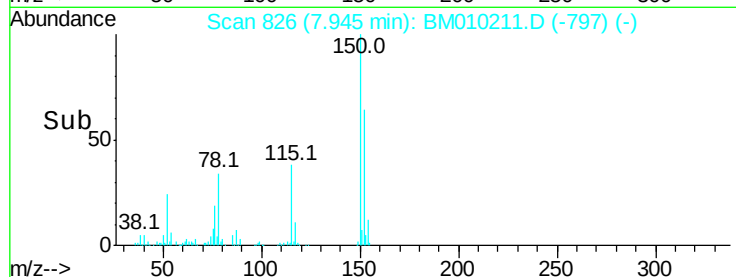
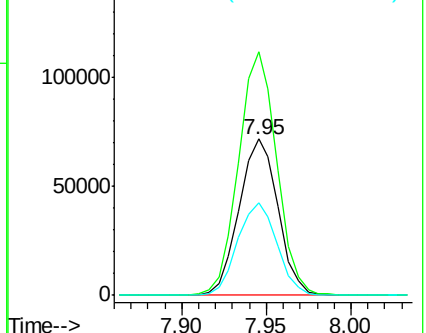
115 59.7 43.0 64.4



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



#2

1,4-Dioxane

Concen: 5.23 ng

RT: 3.43 min Scan# 59

Delta R.T. -0.01 min

Lab File: BM010211.D

Acq: 25 May 2017 10:48

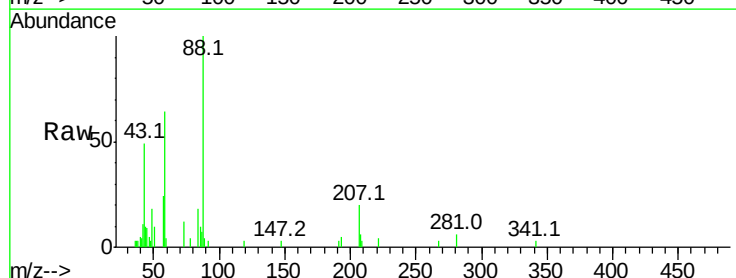
Tgt Ion: 88 Resp: 15283

Ion Ratio Lower Upper

88 100

58 65.7 0.0 0.0#

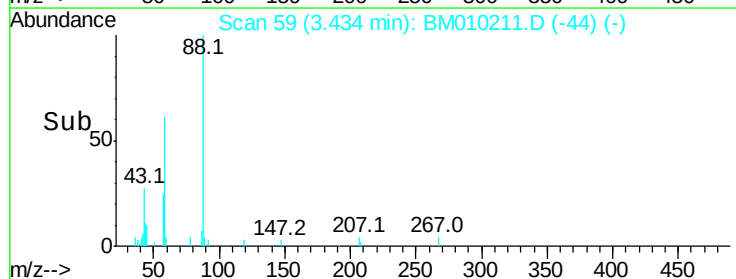
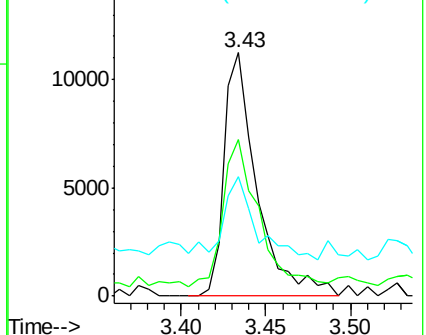
43 34.2 0.0 0.0#

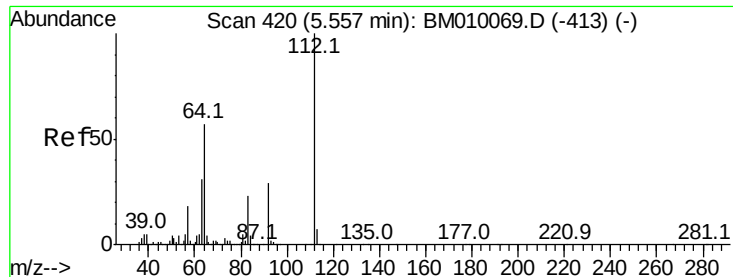


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 36.99 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.03 min

Lab File: BM010211.D

Acq: 25 May 2017 10:48

Instrument :

BNA_M

ClientSampleId :

GMW-9

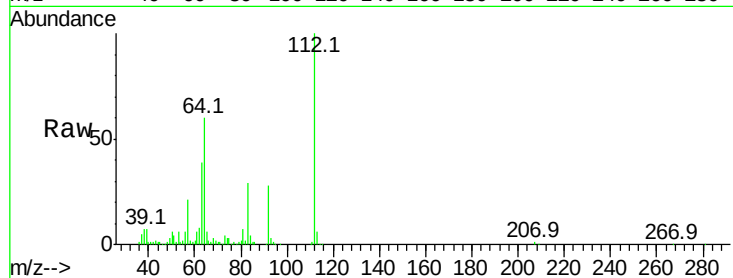
Tot Ion:112 Resp: 235081

Ion Ratio Lower Upper

112 100

64 60.2 38.6 57.8#

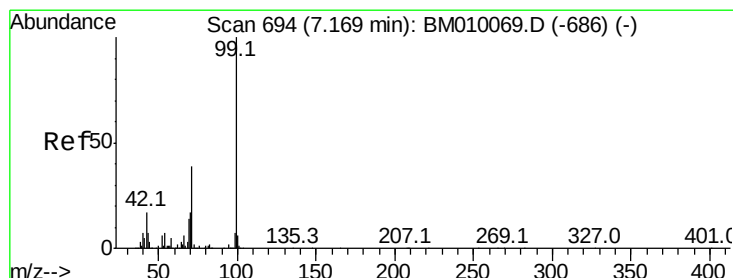
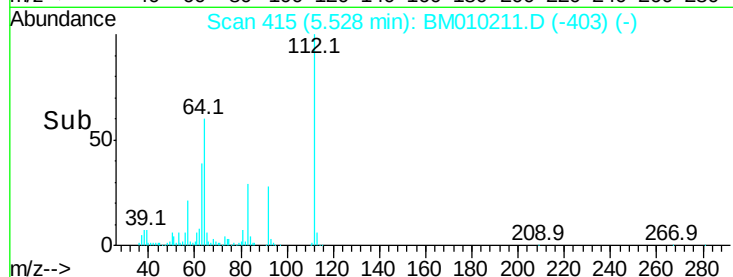
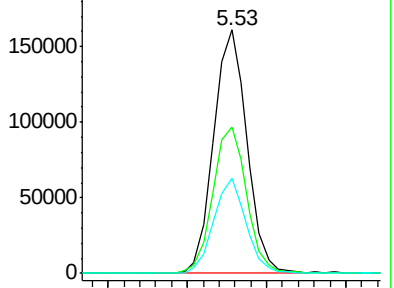
63 39.1 19.3 28.9#



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: 25.31 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010211.D

Acq: 25 May 2017 10:48

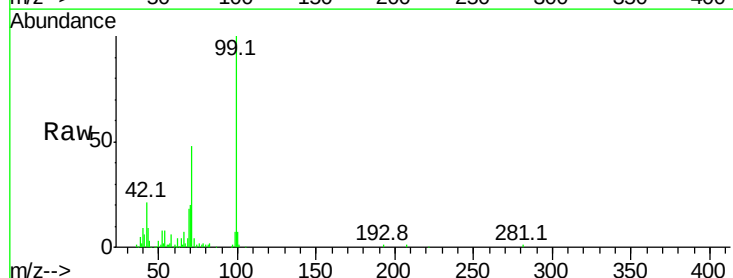
Tgt Ion: 99 Resp: 206948

Ion Ratio Lower Upper

99 100

42 20.8 11.0 16.4#

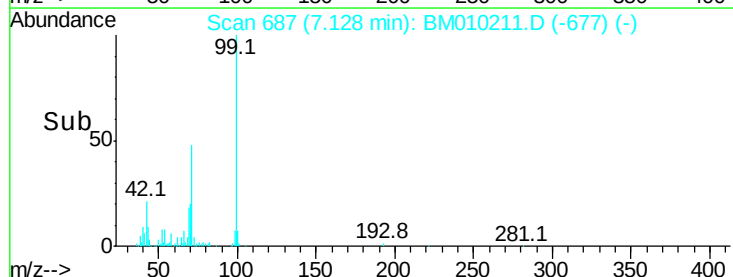
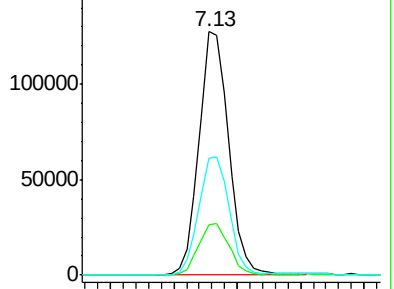
71 48.0 23.4 35.2#

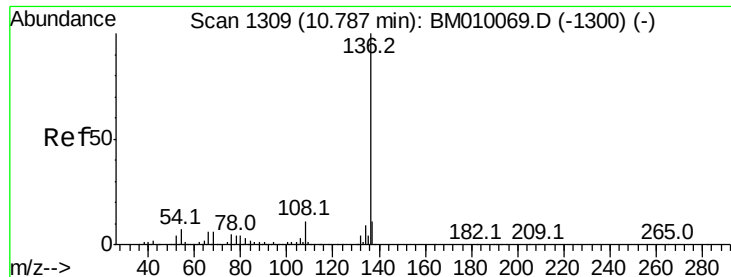


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0

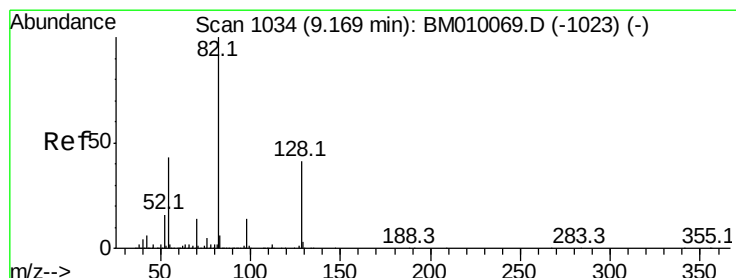
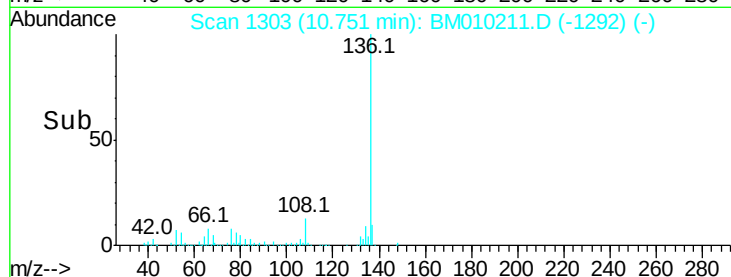
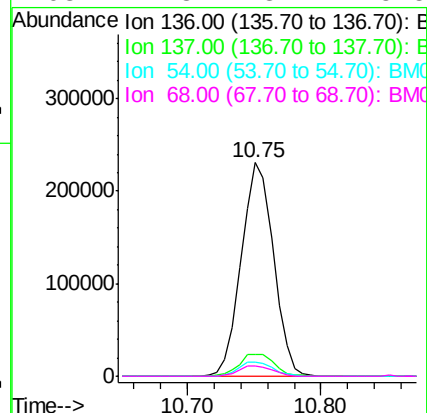
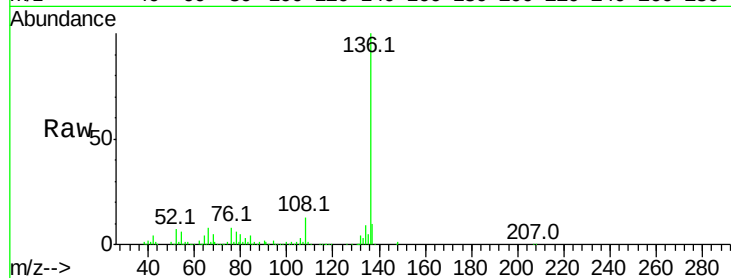




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010211.D
Acq: 25 May 2017 10:48

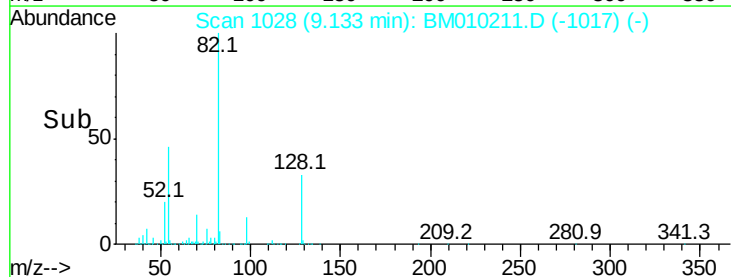
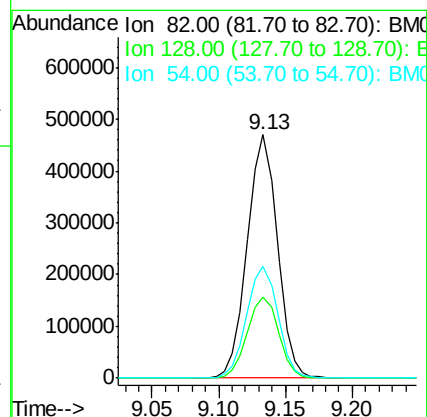
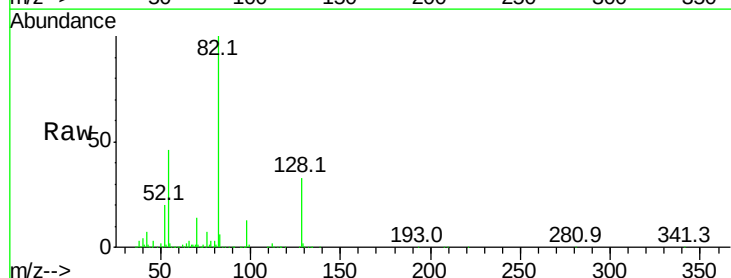
Instrument :
BNA_M
ClientSampleId :
GMW-9

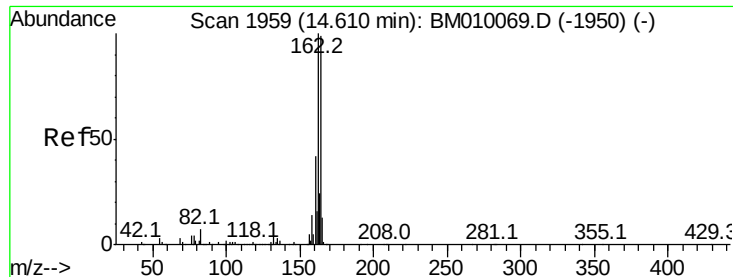
Tot Ion:136	Resp:	385733
Ion Ratio	Lower	Upper
136 100		
137 10.0	8.7	13.1
54 6.5	4.6	6.8
68 4.8	3.7	5.5



#23
Nitrobenzene-d5
Concen: 103.02 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010211.D
Acq: 25 May 2017 10:48

Tgt	Ion: 82	Resp:	736579
Ion	Ratio	Lower	Upper
82	100		
128	33.1	32.8	49.2
54	45.7	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BM010211.D

Acq: 25 May 2017 10:48

Instrument :

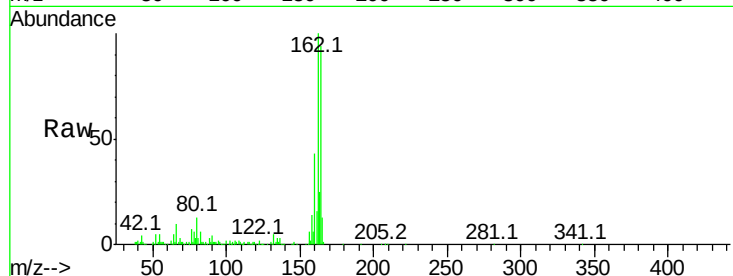
BNA_M

ClientSampleId :

GMW-9

Tot Ion:164 Resp: 258311

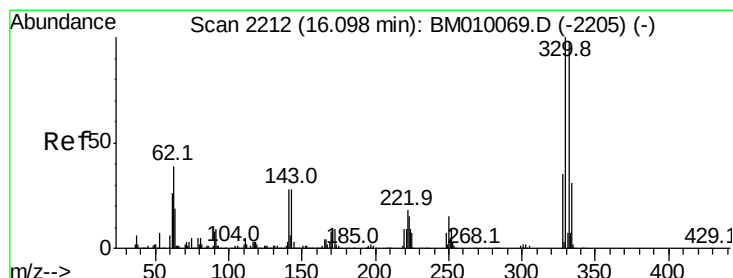
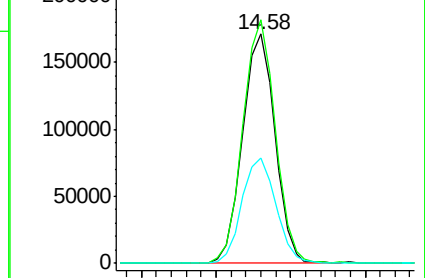
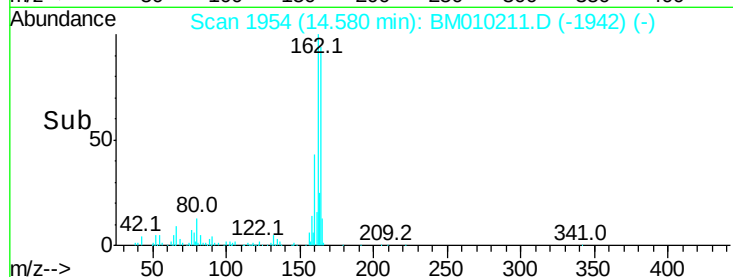
Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	45.8	35.8	53.6



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: 89.19 ng

RT: 16.07 min Scan# 2207

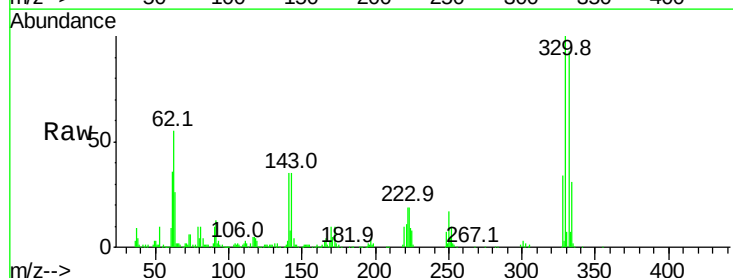
Delta R.T. -0.03 min

Lab File: BM010211.D

Acq: 25 May 2017 10:48

Tgt Ion:330 Resp: 349915

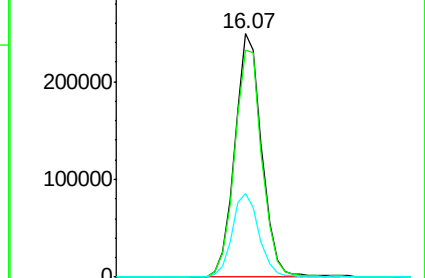
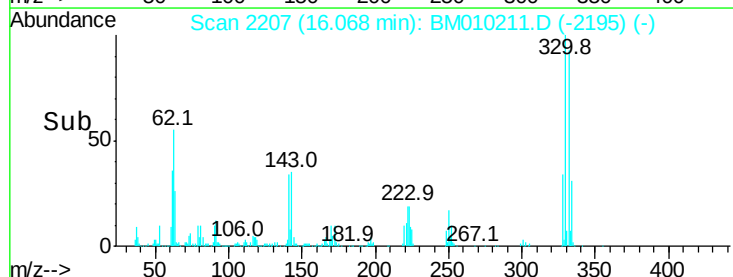
Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	34.8	0.0	0.0#

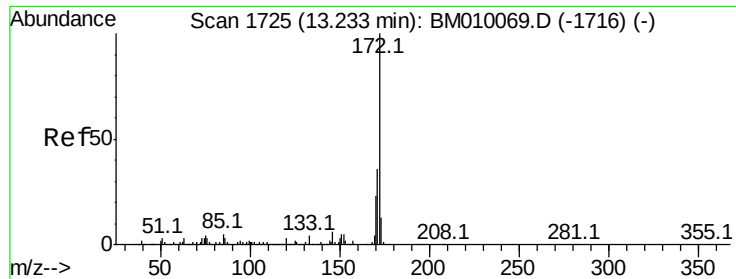


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

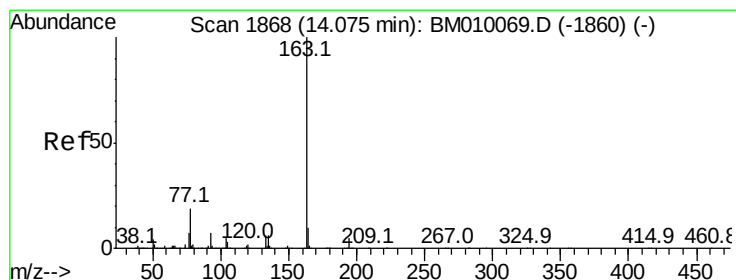
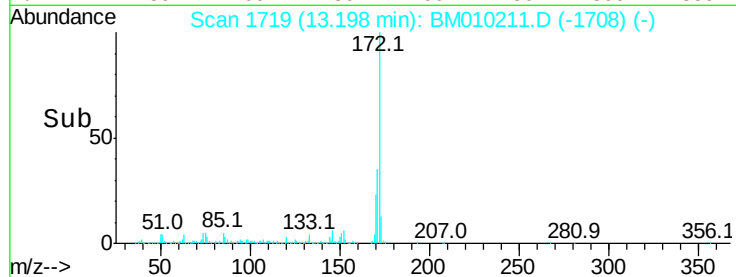
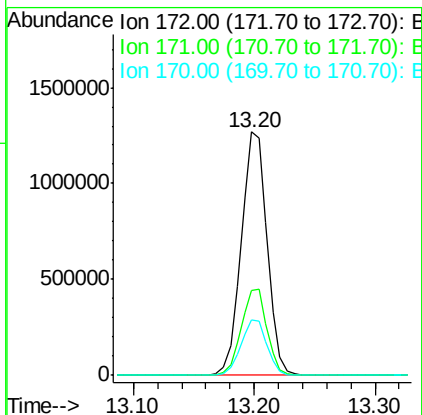
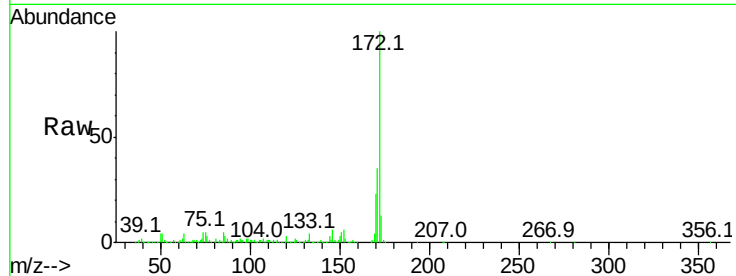




#44
2-Fluorobiphenyl
Concen: 94.28 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010211.D
Acq: 25 May 2017 10:48

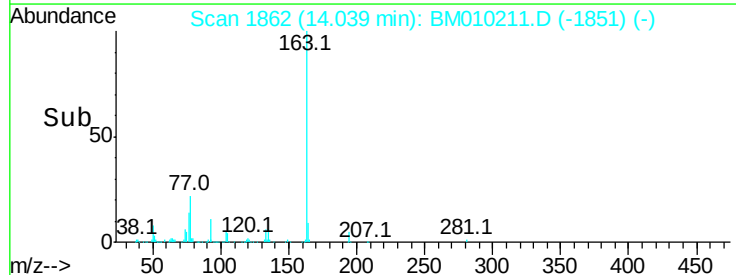
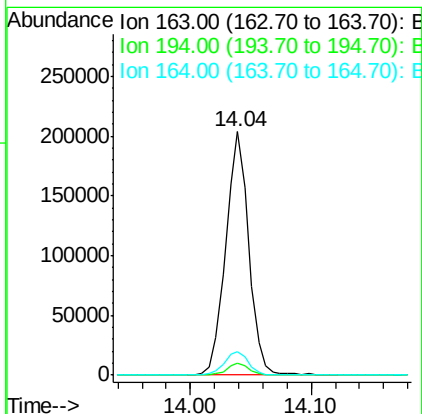
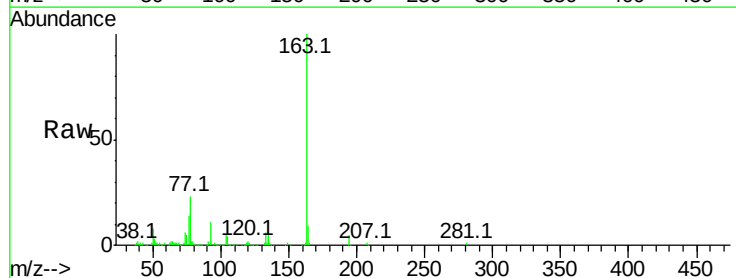
Instrument :
BNA_M
ClientSampleId :
GMW-9

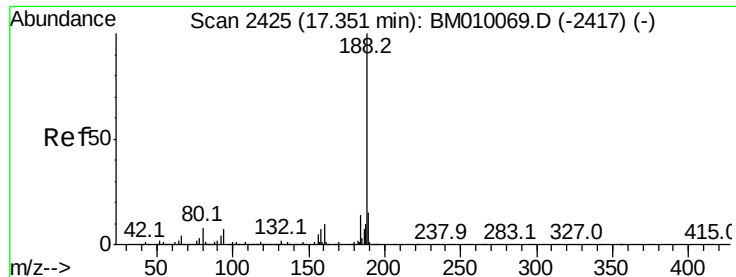
Tot Ion:172 Resp: 1894465
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.0 18.8 28.2



#49
Dimethylphthalate
Concen: 11.71 ng
RT: 14.04 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BM010211.D
Acq: 25 May 2017 10:48

Tgt Ion:163 Resp: 269803
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 9.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BM010211.D

Acq: 25 May 2017 10:48

Instrument :

BNA_M

ClientSampleId :

GMW-9

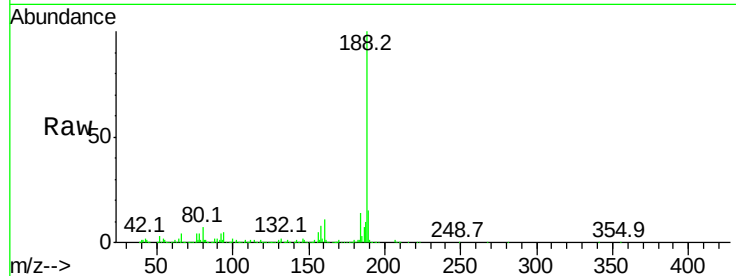
Tot Ion:188 Resp: 672022

Ion Ratio Lower Upper

188 100

94 5.5 8.7 13.1#

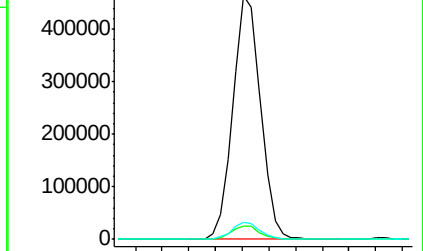
80 6.8 9.3 13.9#



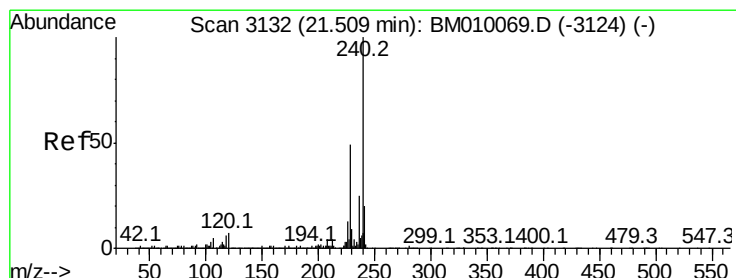
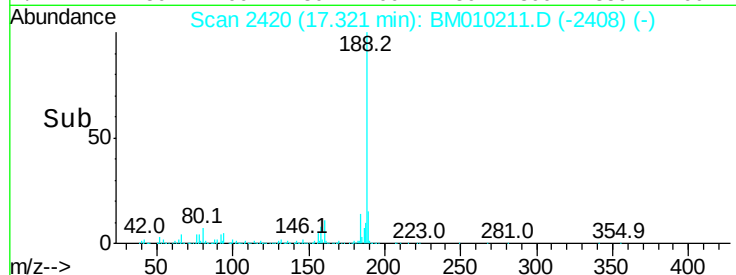
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010211.D

Acq: 25 May 2017 10:48

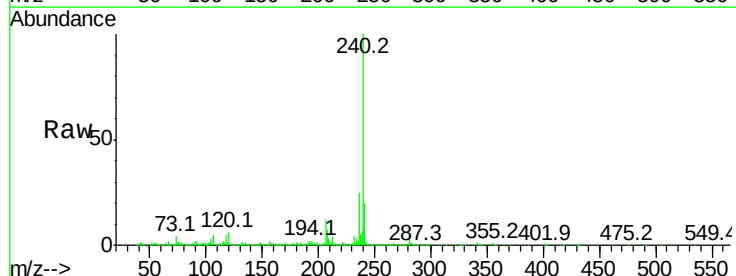
Tgt Ion:240 Resp: 1032877

Ion Ratio Lower Upper

240 100

120 5.9 8.2 12.2#

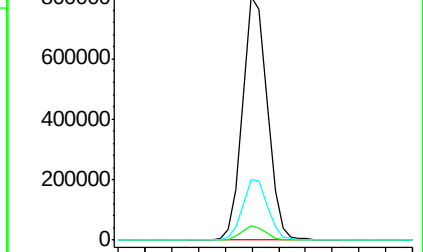
236 24.8 20.0 30.0



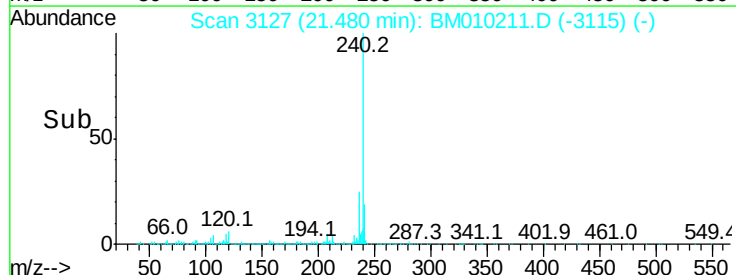
Abundance Ion 240.00 (239.70 to 240.70): E

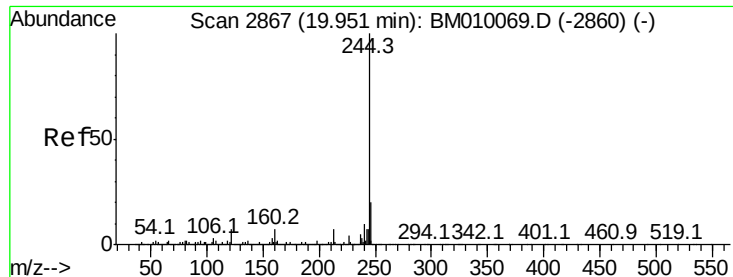
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 67.47 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

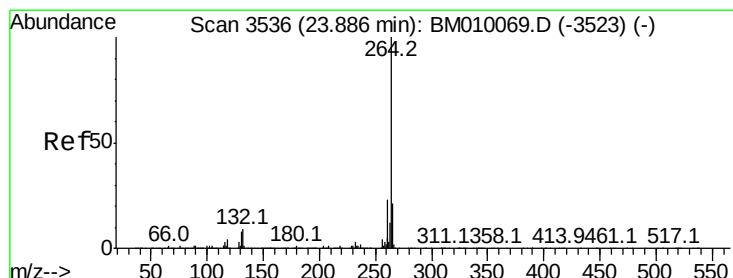
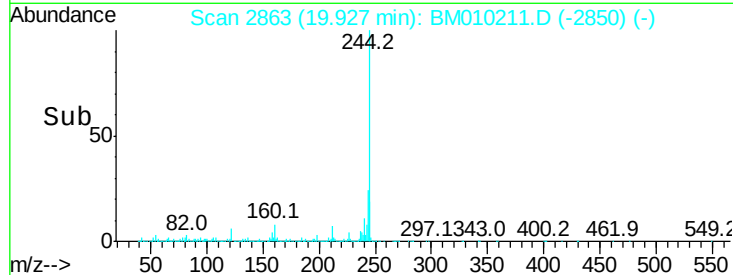
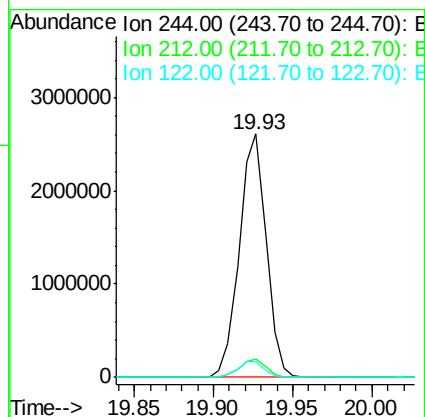
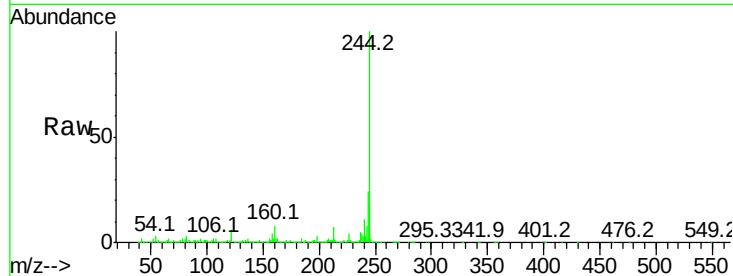
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Tot Ion:244 Resp: 3064706

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	6.3	6.2	9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010211.D

Acq: 25 May 2017 10:48

Tgt Ion:264 Resp: 1124870

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.7	17.3	25.9

