

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010129.D
 Acq On : 23 May 2017 07:10
 Operator : SJ/MA
 Sample : I3245-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-10

Quant Time: May 23 08:26:08 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	145993	20.00	ng	-0.02
21) Naphthalene-d8	10.77	136	476652	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	293799	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	706443	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1038061	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1299432	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	325572	40.27	ng	-0.02
7) Phenol-d6	7.15	99	268097	25.77	ng	-0.02
23) Nitrobenzene-d5	9.15	82	916092	103.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	418967	93.89	ng	-0.02
44) 2-Fluorobiphenyl	13.22	172	2270923	99.37	ng	-0.02
78) Terphenyl-d14	19.94	244	3608073	79.03	ng	-0.01

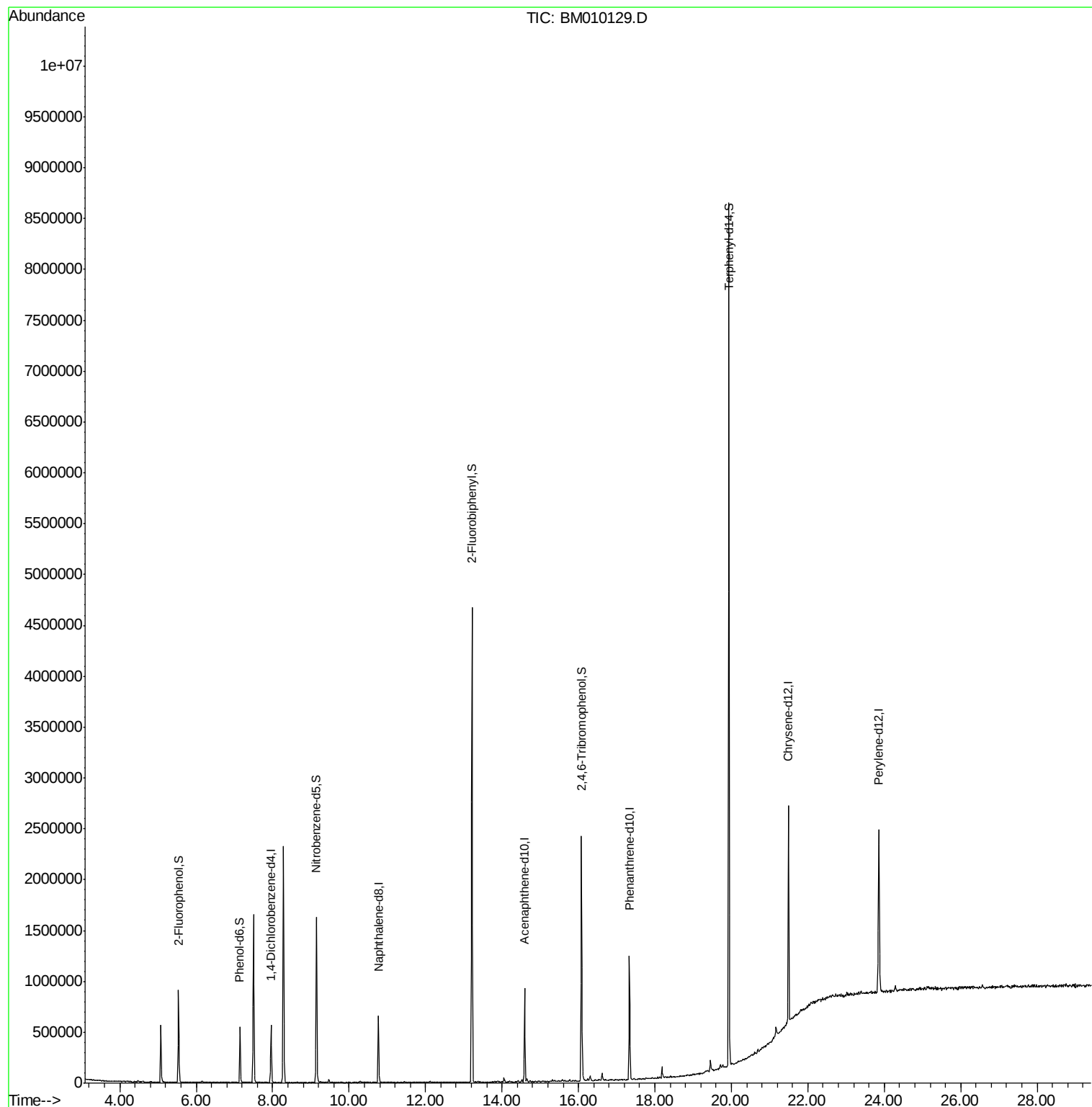
Target Compounds Qvalue

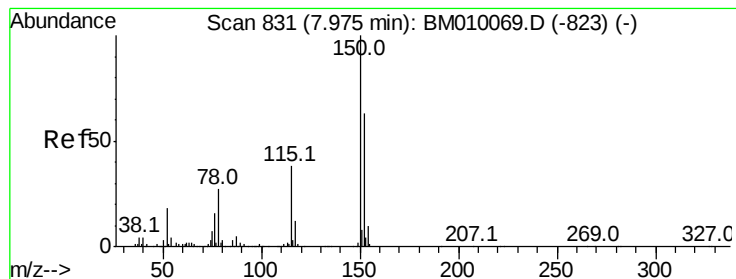
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.02 min

Lab File: BM010129.D

Acq: 23 May 2017 07:10

Instrument :

BNA_M

ClientSampleId :

GMW-10

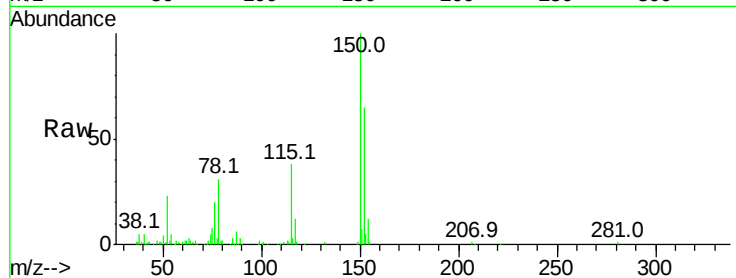
Tot Ion:152 Resp: 145993

Ion Ratio Lower Upper

152 100

150 154.2 119.5 179.3

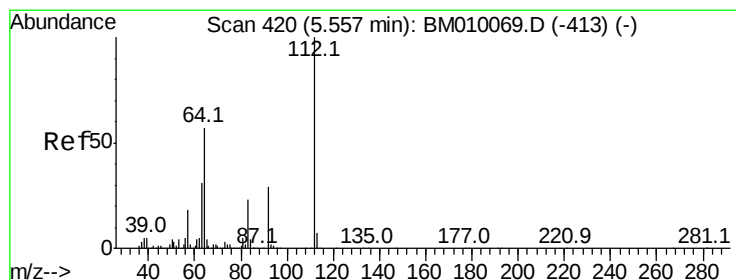
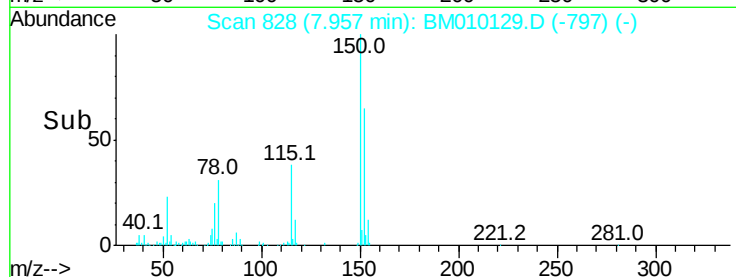
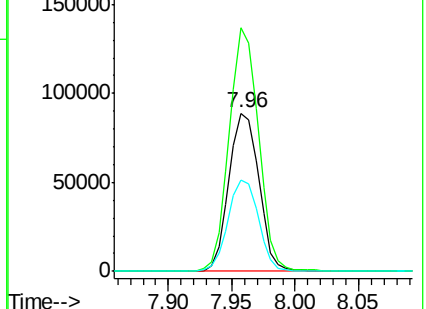
115 58.2 43.0 64.4



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: 40.27 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010129.D

Acq: 23 May 2017 07:10

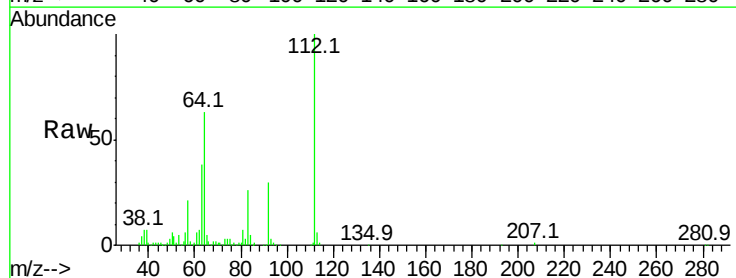
Tgt Ion:112 Resp: 325572

Ion Ratio Lower Upper

112 100

64 62.5 38.6 57.8#

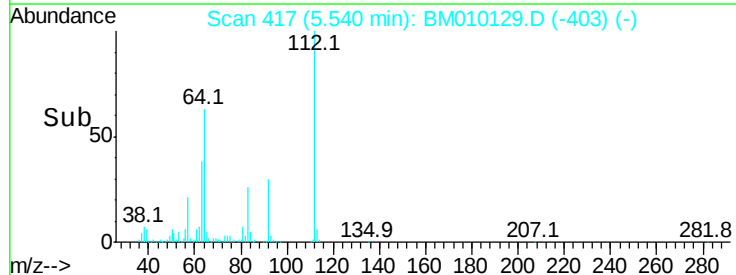
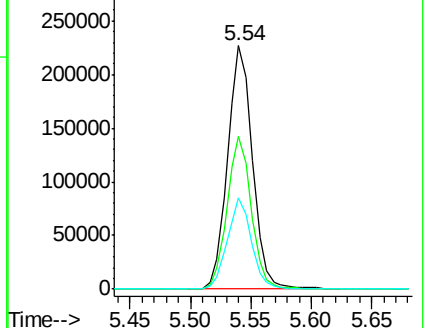
63 37.7 19.3 28.9#



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: 25.77 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010129.D

Acq: 23 May 2017 07:10

Instrument :

BNA_M

ClientSampleId :

GMW-10

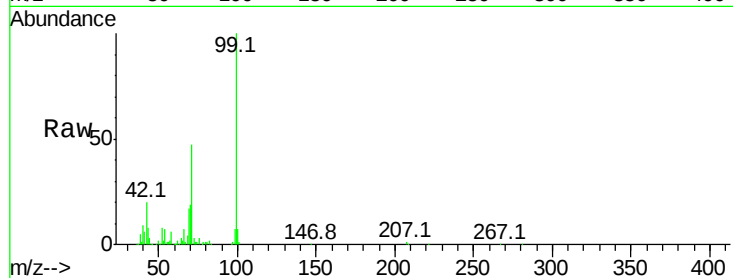
Tot Ion: 99 Resp: 268097

Ion Ratio Lower Upper

99 100

42 19.8 11.0 16.4#

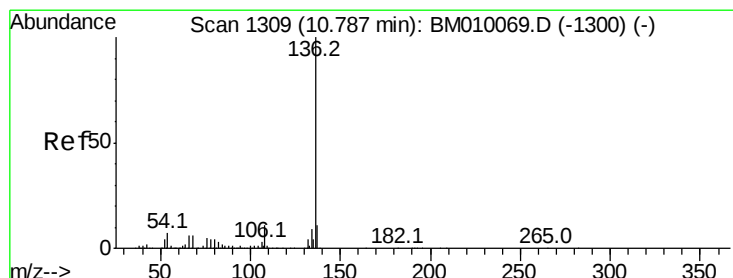
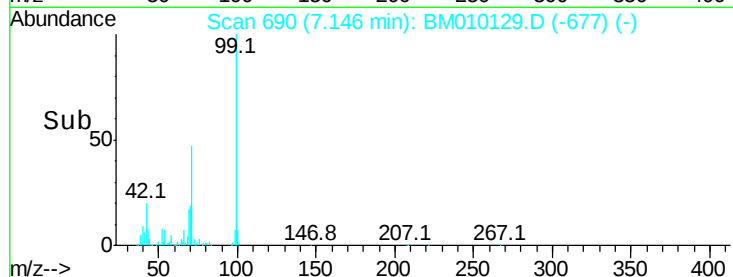
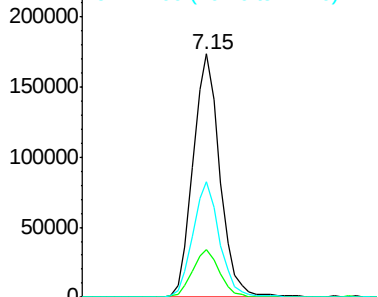
71 47.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010129.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010129.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010129.D (-686) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BM010129.D

Acq: 23 May 2017 07:10

Tgt Ion: 136 Resp: 476652

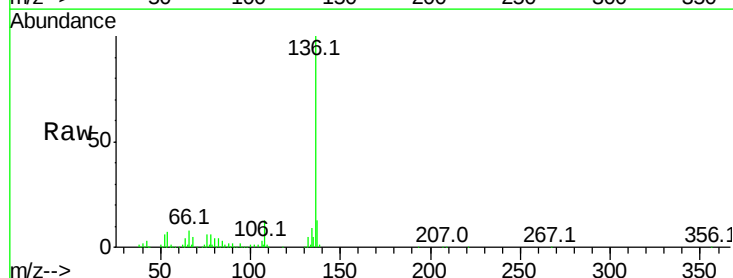
Ion Ratio Lower Upper

136 100

137 12.7 8.7 13.1

54 7.1 4.6 6.8#

68 5.1 3.7 5.5

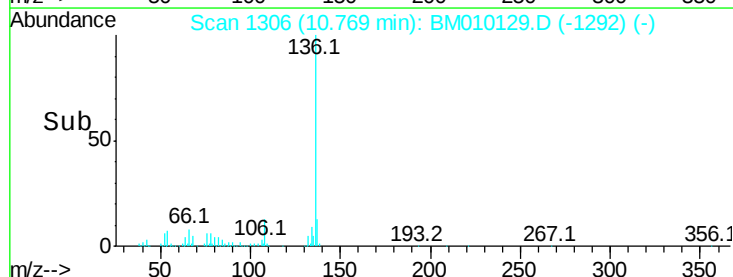
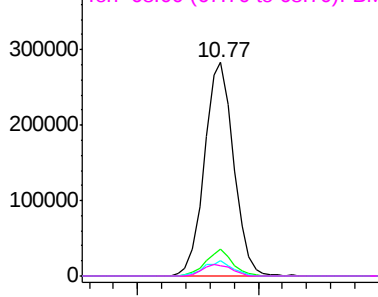


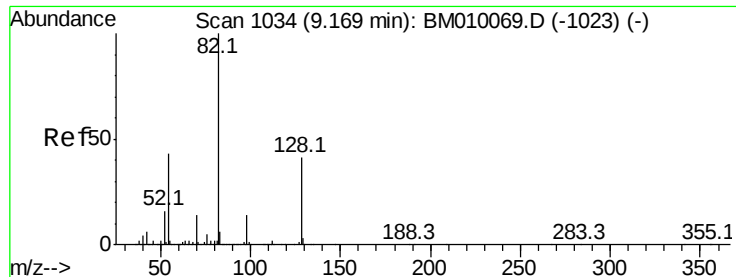
Abundance Ion 136.00 (135.70 to 136.70): BM010129.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010129.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010129.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010129.D (-1292) (-)

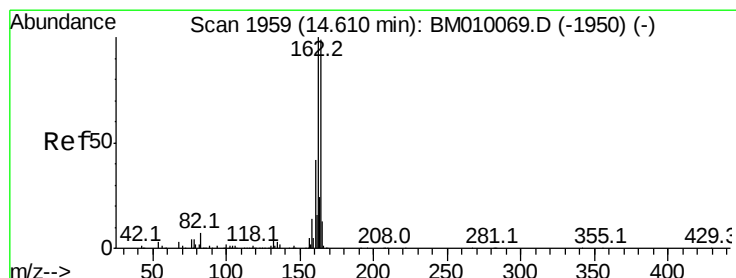
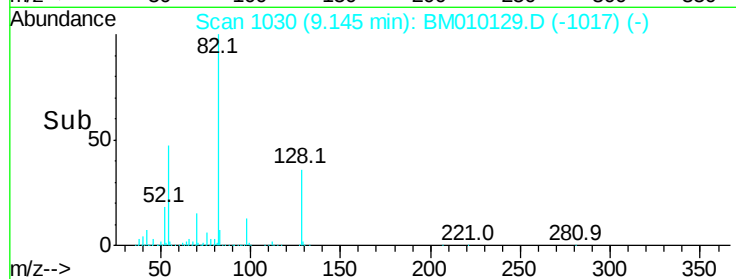
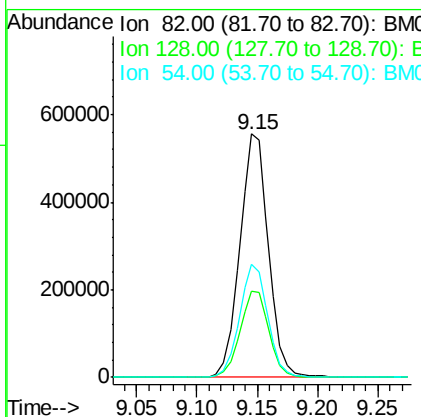
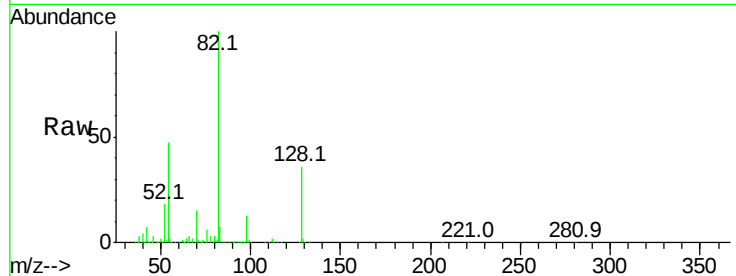




#23
 Nitrobenzene-d5
 Concen: 103.69 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010129.D
 Acq: 23 May 2017 07:10

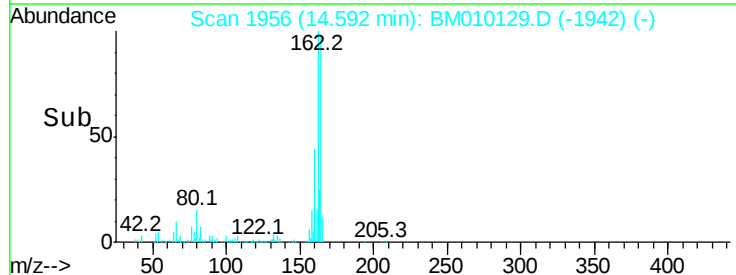
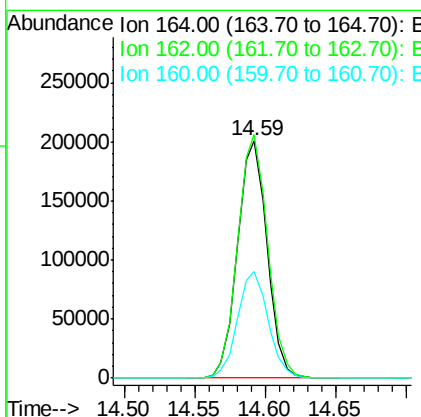
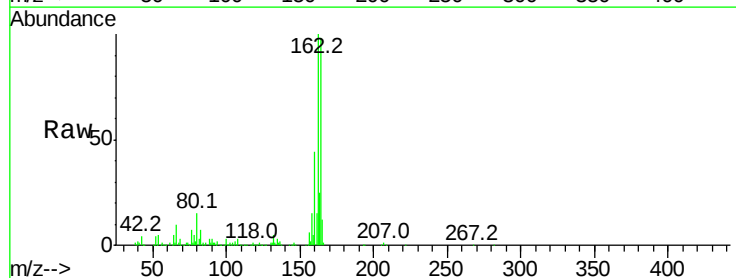
Instrument :
 BNA_M
 ClientSampleId :
 GMW-10

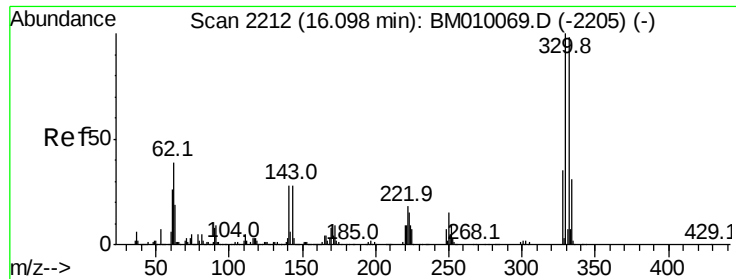
Tot Ion	82	Resp	916092
Ion Ratio	Lower	Upper	
82	100		
128	35.6	32.8	49.2
54	46.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BM010129.D
 Acq: 23 May 2017 07:10

Tgt Ion	164	Resp	293799
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.4	123.6
160	44.7	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 93.89 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010129.D

Acq: 23 May 2017 07:10

Instrument :

BNA_M

ClientSampleId :

GMW-10

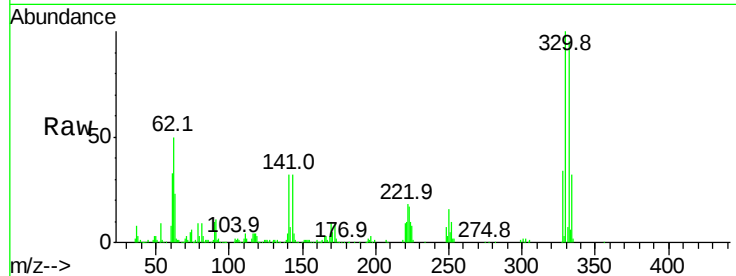
Tot Ion:330 Resp: 418967

Ion Ratio Lower Upper

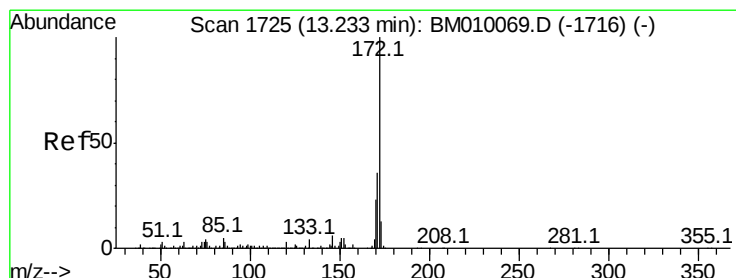
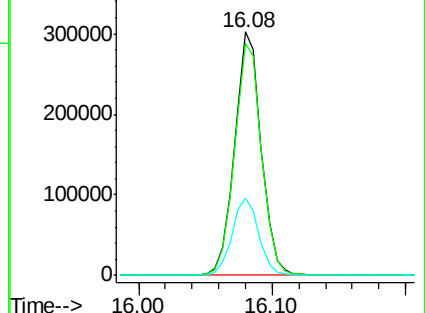
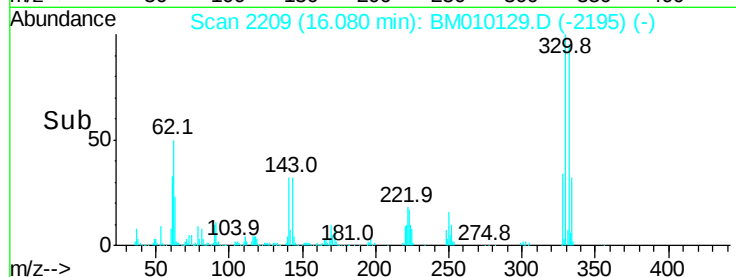
330 100

332 96.9 0.0 0.0#

141 32.2 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: 99.37 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM010129.D

Acq: 23 May 2017 07:10

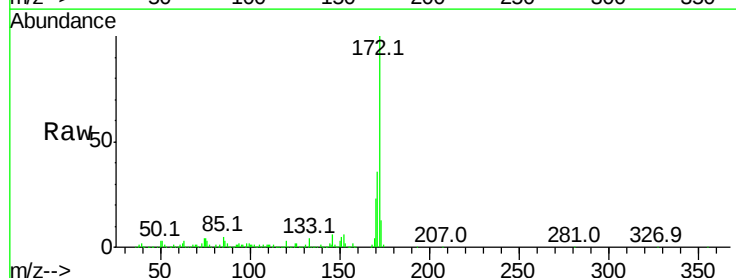
Tgt Ion:172 Resp: 2270923

Ion Ratio Lower Upper

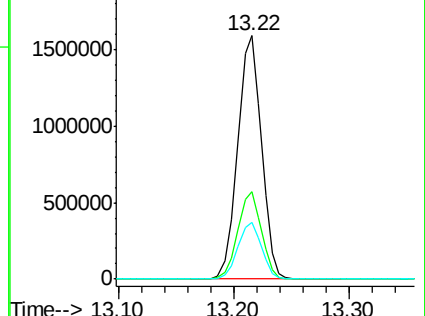
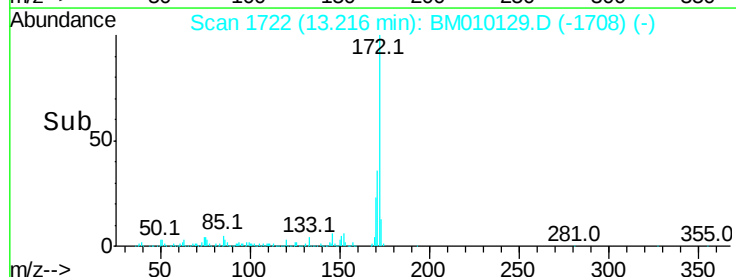
172 100

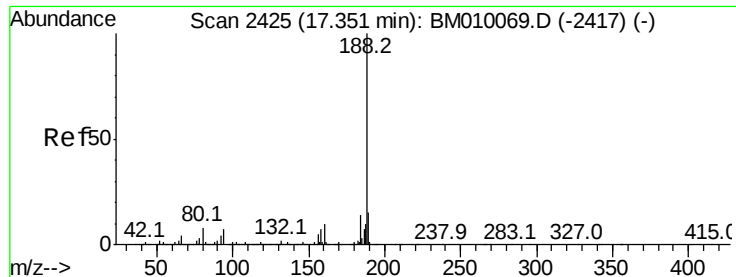
171 35.8 28.5 42.7

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

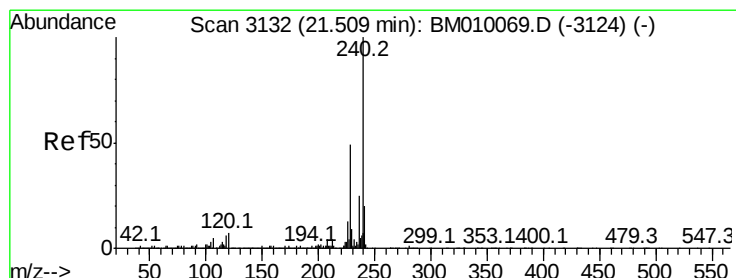
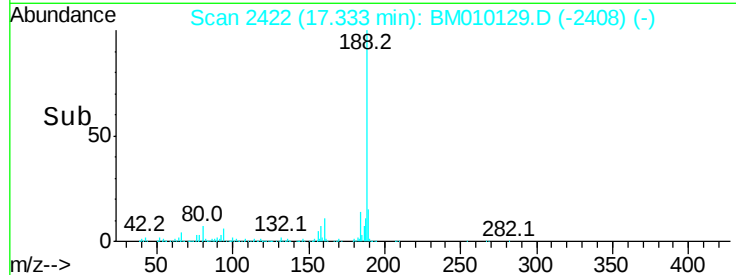
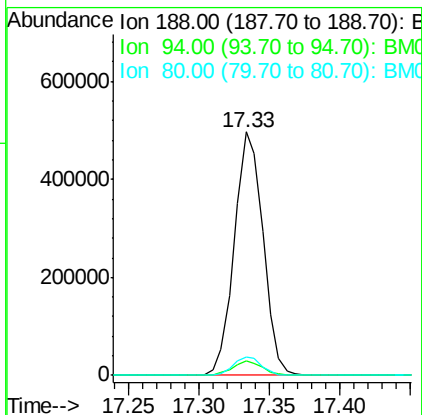
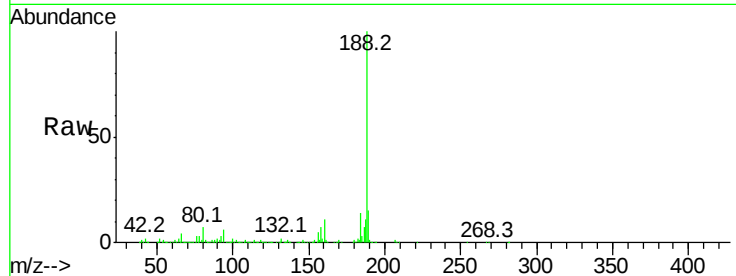




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010129.D
Acq: 23 May 2017 07:10

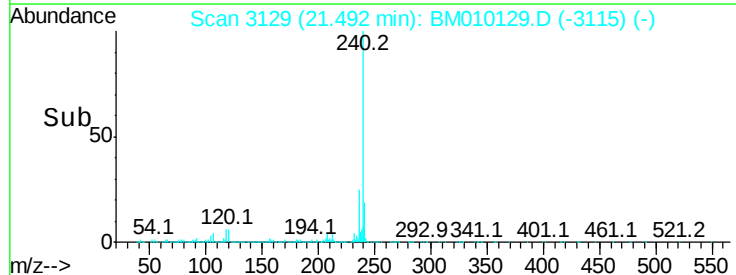
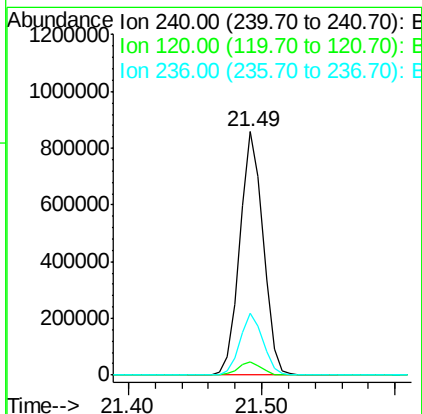
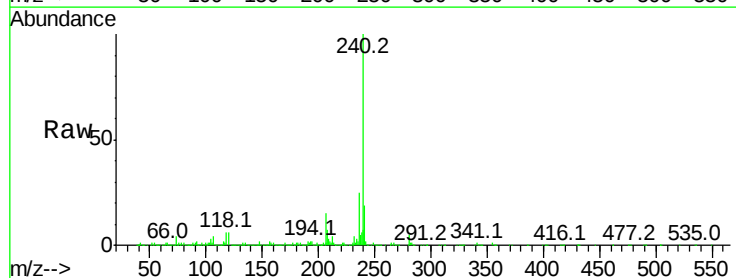
Instrument :
BNA_M
ClientSampleId :
GMW-10

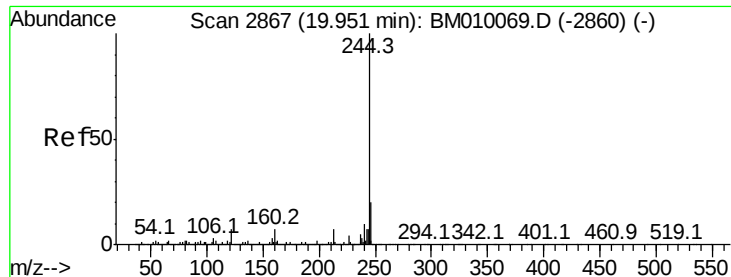
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	7.4	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010129.D
Acq: 23 May 2017 07:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	8.2	12.2#
236	25.2	20.0	30.0





#78

Terphenyl-d14

Concen: 79.03 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010129.D

Acq: 23 May 2017 07:10

Instrument :

BNA_M

ClientSampleId :

GMW-10

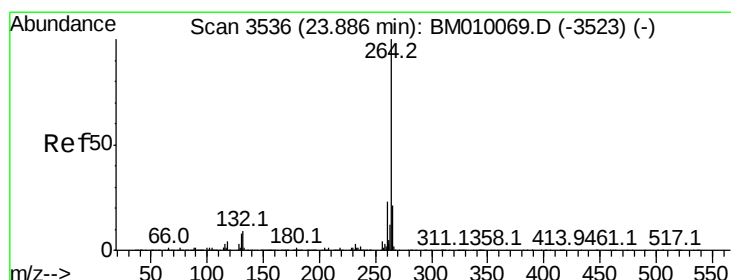
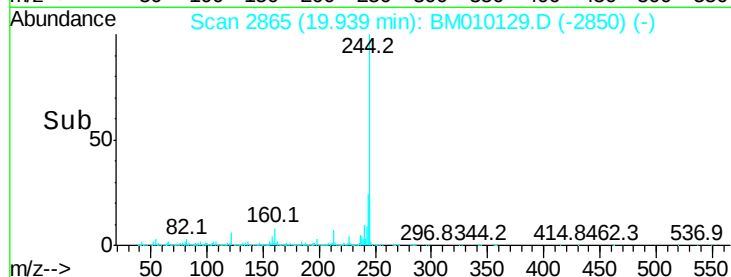
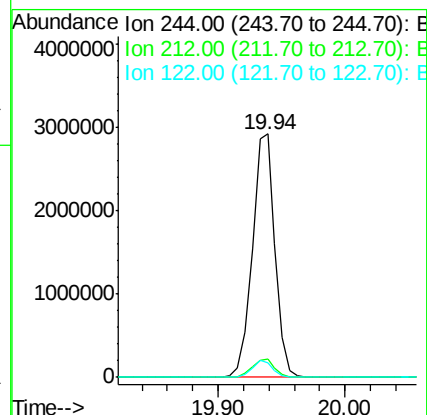
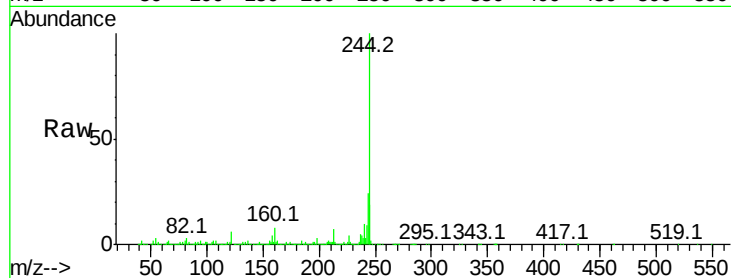
Tot Ion:244 Resp: 3608073

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

122 5.9 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010129.D

Acq: 23 May 2017 07:10

Tgt Ion:264 Resp: 1299432

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.1 17.3 25.9

