

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010167.D
 Acq On : 24 May 2017 06:46
 Operator : SJ/MA
 Sample : I3282-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-2

Quant Time: May 24 08:04:14 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

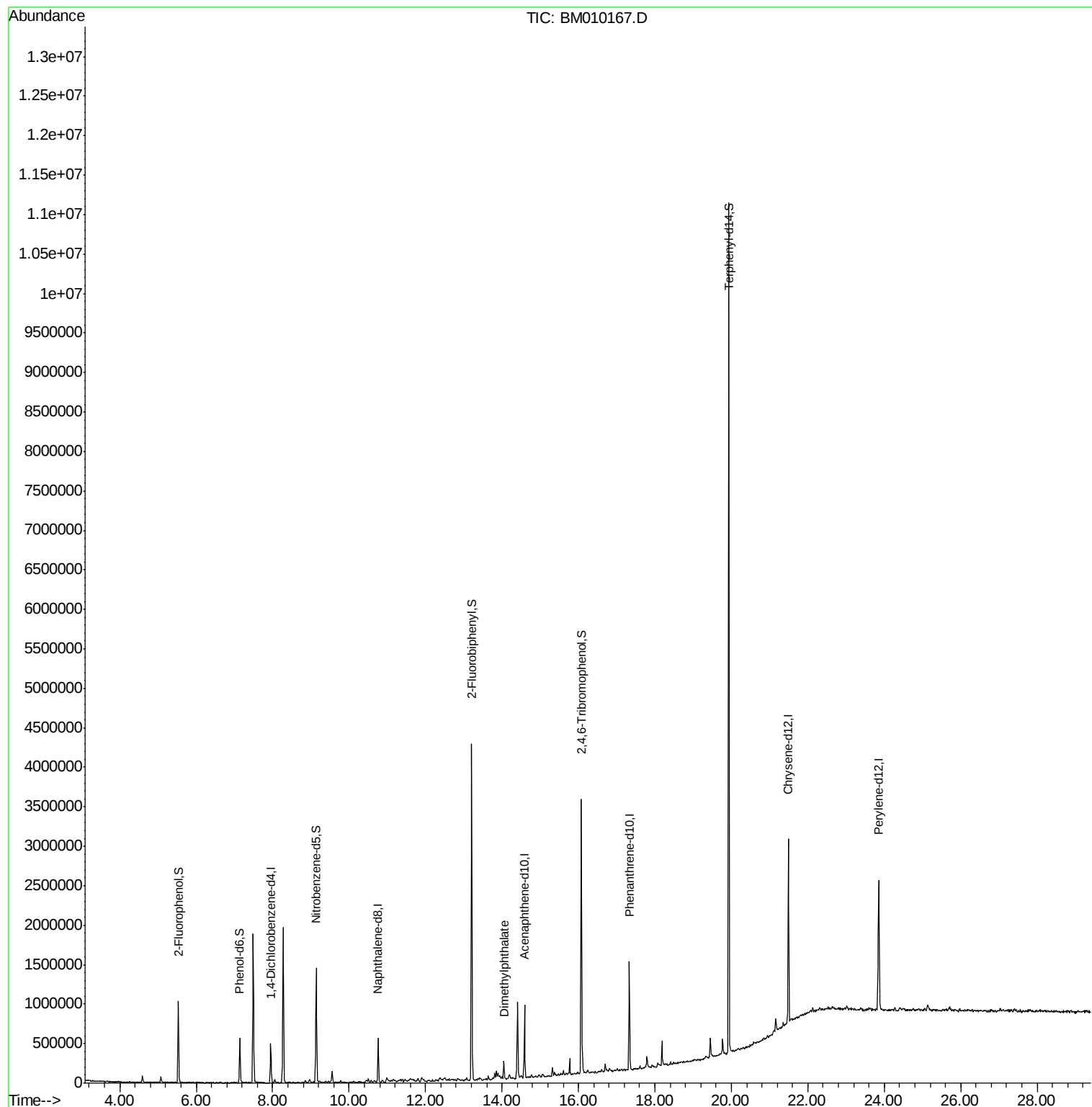
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	119824	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	421481	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	288124	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	777753	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1186271	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1322294	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	361345	54.46	ng	-0.02
7) Phenol-d6	7.14	99	272699	31.94	ng	-0.03
23) Nitrobenzene-d5	9.14	82	785505	100.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	615205	140.59	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2073511	92.52	ng	-0.02
78) Terphenyl-d14	19.93	244	4187766	80.27	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.05	163	123777	4.82	ng	Qvalue # 97

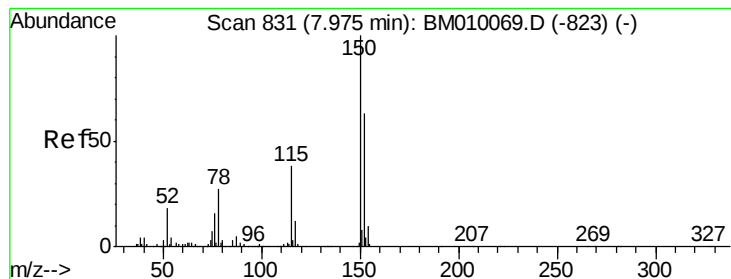
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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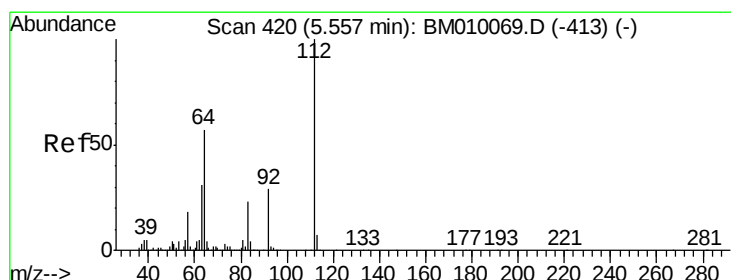
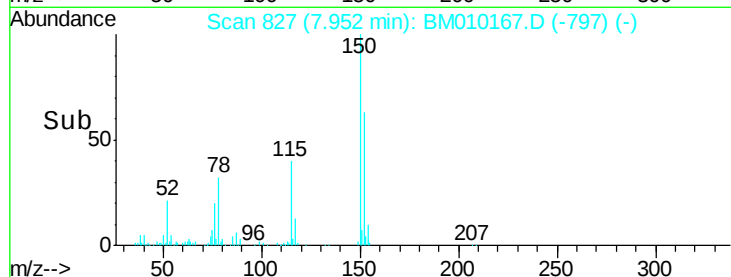
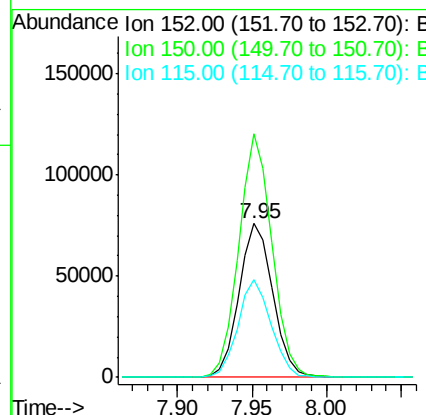
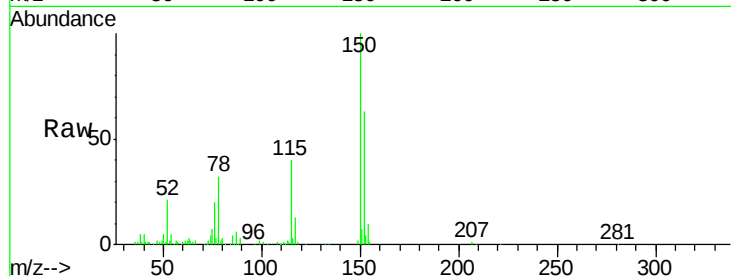


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010167.D
Acq: 24 May 2017 06:46

Instrument :
BNA_M
ClientSampleId :
GMW-2

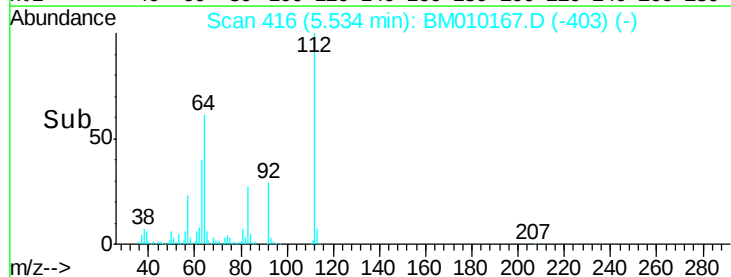
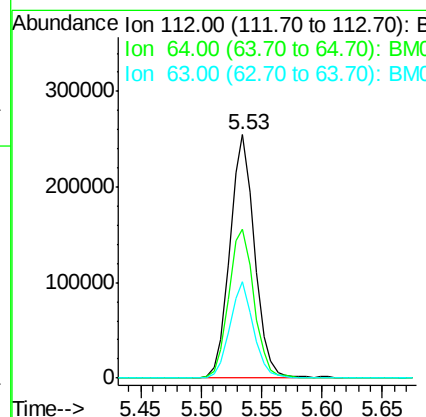
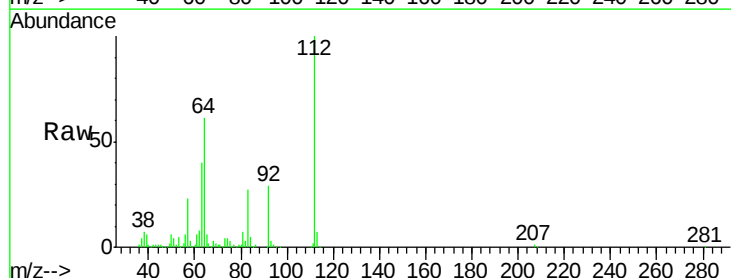
Tgt Ion:152 Resp: 119824
Ion Ratio Lower Upper
152 100
150 158.5 119.5 179.3
115 63.8 43.0 64.4

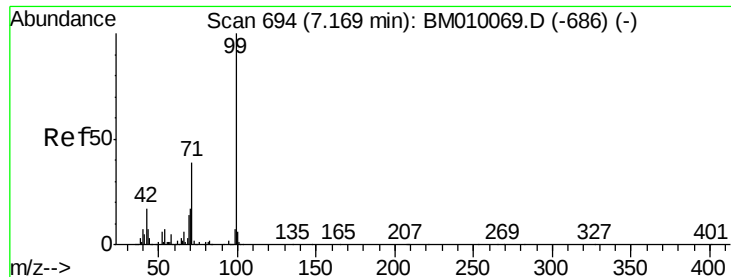


#5

2-Fluorophenol
Concen: 54.46 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010167.D
Acq: 24 May 2017 06:46

Tgt Ion:112 Resp: 361345
Ion Ratio Lower Upper
112 100
64 61.3 38.6 57.8#
63 39.7 19.3 28.9#





#7

Phenol-d6

Concen: 31.94 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010167.D

Acq: 24 May 2017 06:46

Instrument :

BNA_M

ClientSampleId :

GMW-2

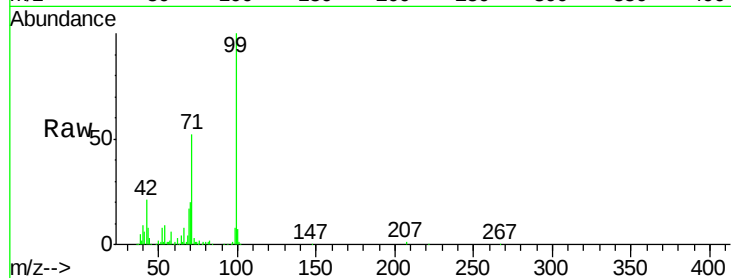
Tgt Ion: 99 Resp: 272699

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

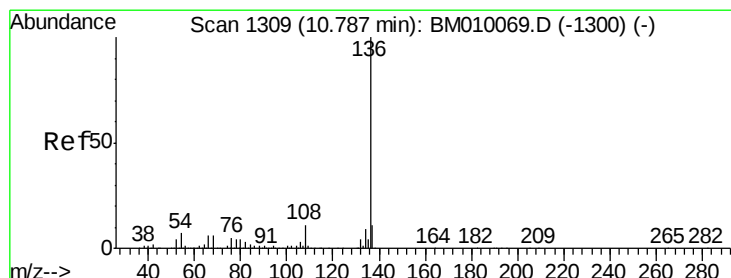
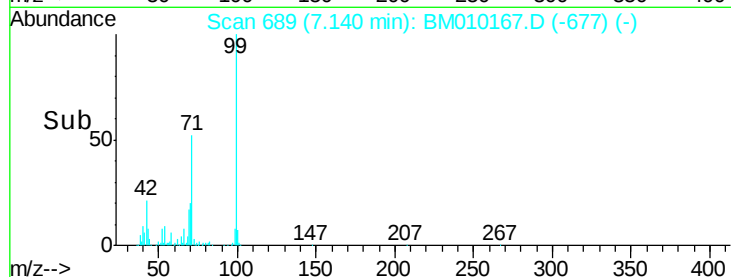
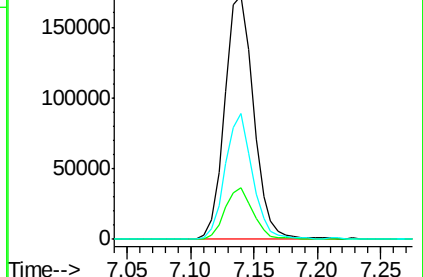
71 51.7 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010167.D

Acq: 24 May 2017 06:46

Tgt Ion: 136 Resp: 421481

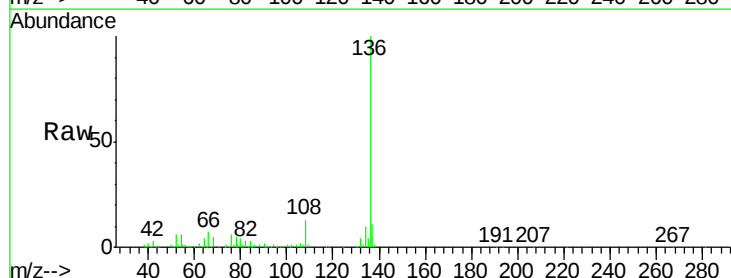
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.5 4.6 6.8

68 4.9 3.7 5.5

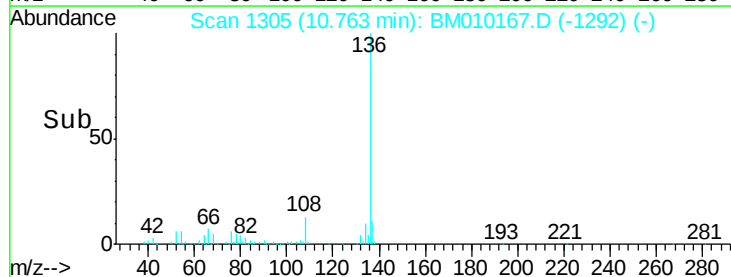
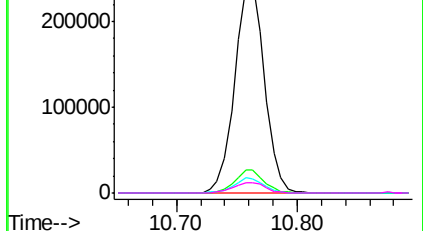


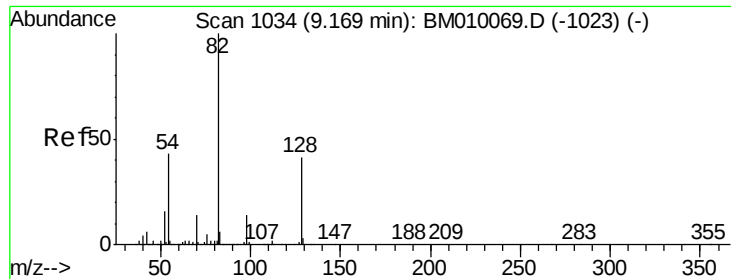
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

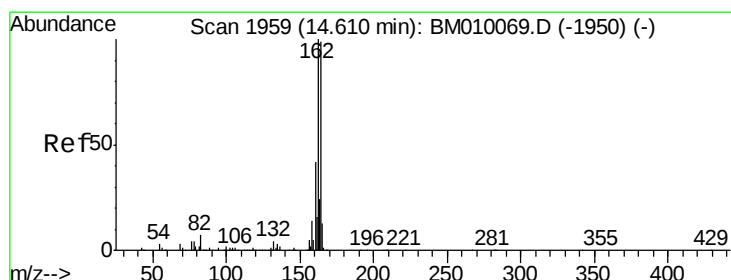
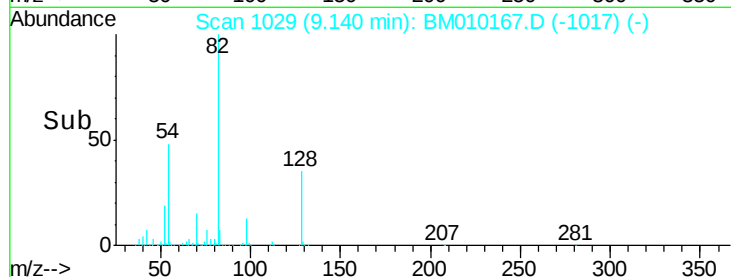
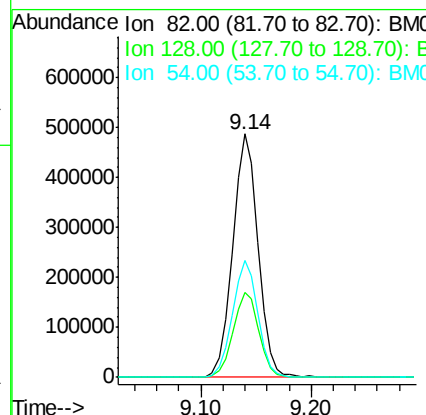
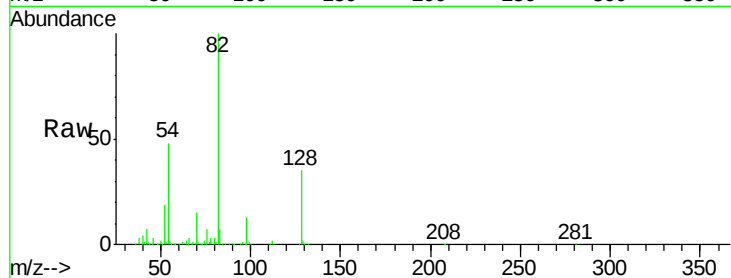




#23
 Nitrobenzene-d5
 Concen: 100.55 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010167.D
 Acq: 24 May 2017 06:46

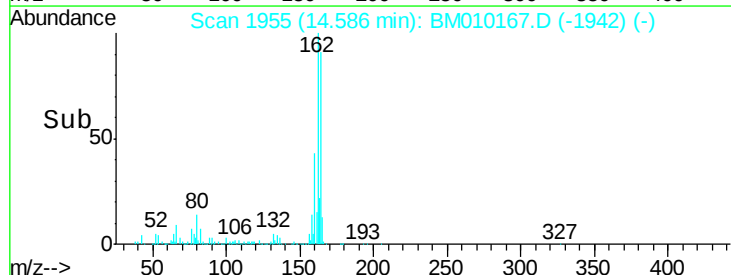
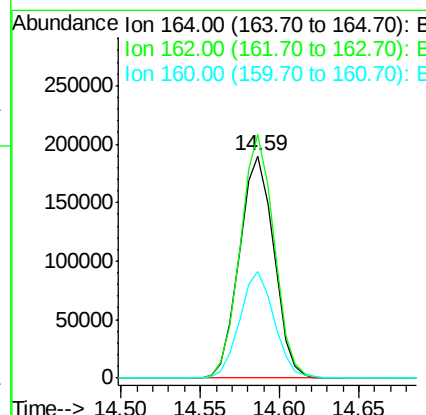
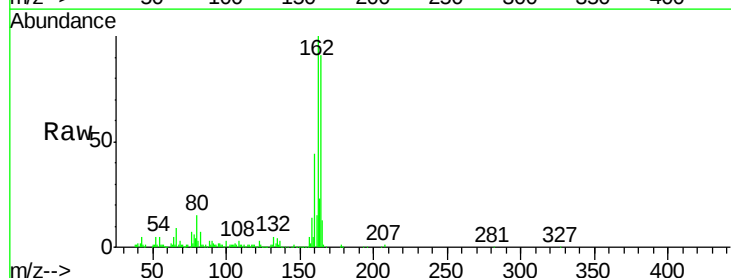
Instrument :
 BNA_M
 ClientSampleId :
 GMW-2

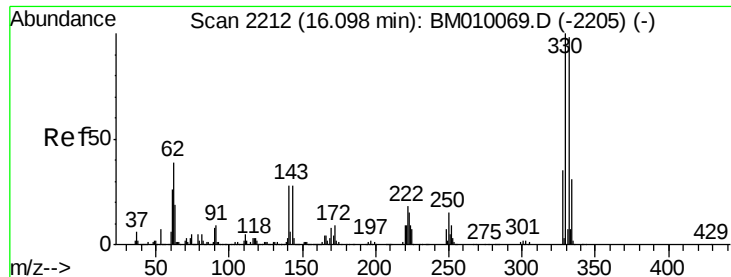
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	32.8	49.2
54	48.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010167.D
 Acq: 24 May 2017 06:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.6	82.4	123.6
160	47.7	35.8	53.6

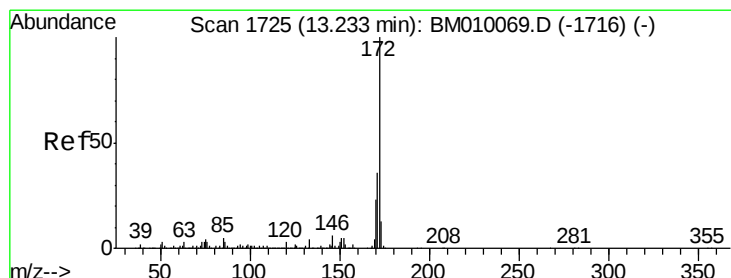
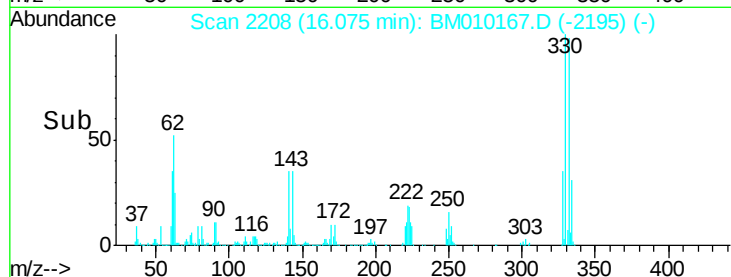
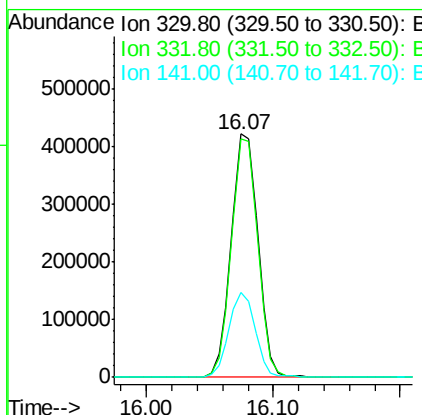
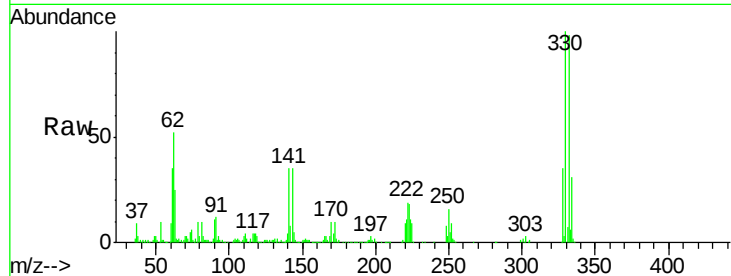




#41
2,4,6-Tribromophenol
Concen: 140.59 ng
RT: 16.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BM010167.D
Acq: 24 May 2017 06:46

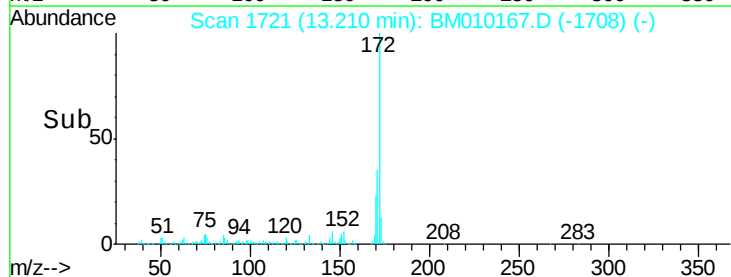
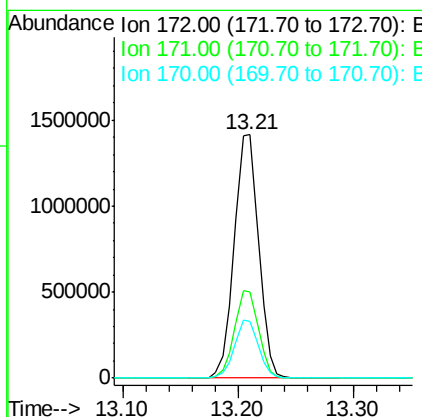
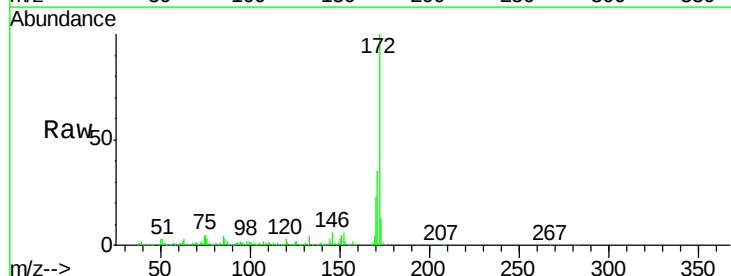
Instrument :
BNA_M
ClientSampleId :
GMW-2

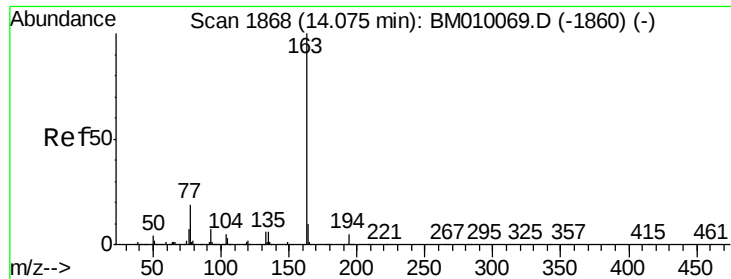
Tgt Ion:330 Resp: 615205
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 34.2 0.0 0.0#



#44
2-Fluorobiphenyl
Concen: 92.52 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010167.D
Acq: 24 May 2017 06:46

Tgt Ion:172 Resp: 2073511
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.4 18.8 28.2





#49

Dimethylphthalate

Concen: 4.82 ng

RT: 14.05 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010167.D

Acq: 24 May 2017 06:46

Instrument :

BNA_M

ClientSampleId :

GMW-2

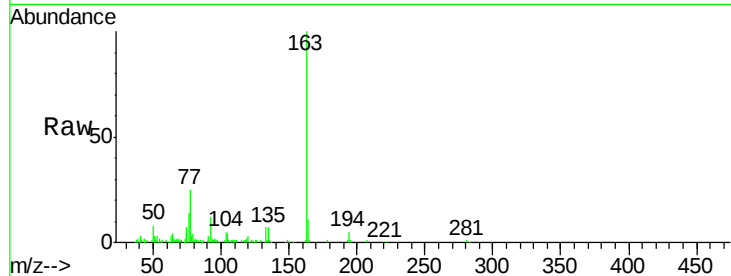
Tgt Ion:163 Resp: 123777

Ion Ratio Lower Upper

163 100

194 5.1 2.7 4.1#

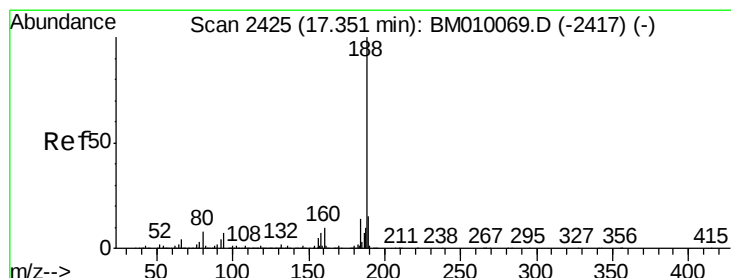
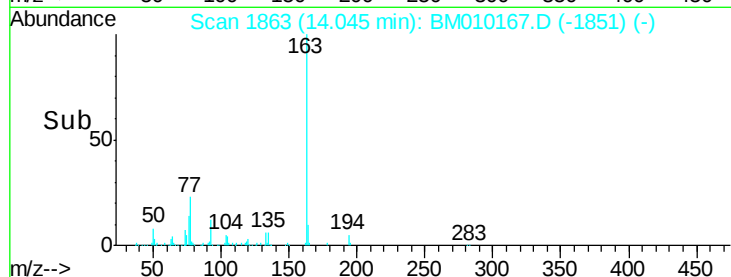
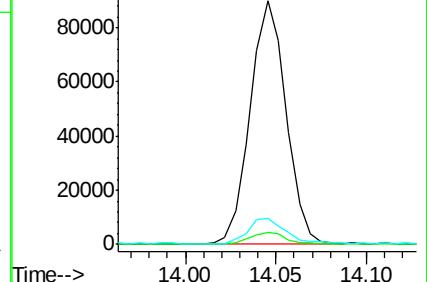
164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010167.D

Acq: 24 May 2017 06:46

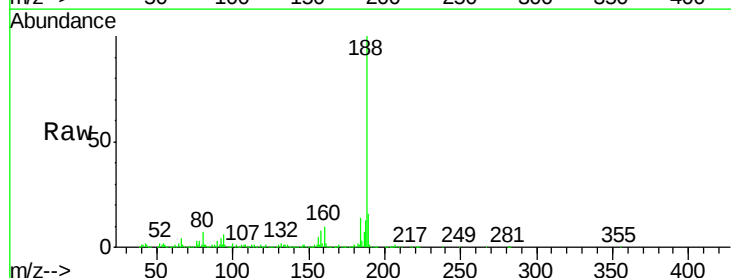
Tgt Ion:188 Resp: 777753

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

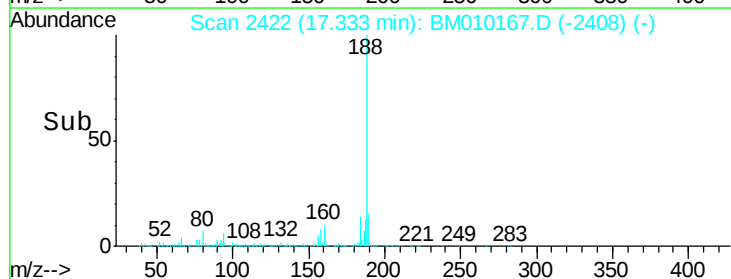
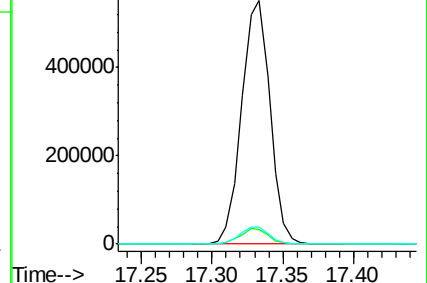
80 6.8 9.3 13.9#

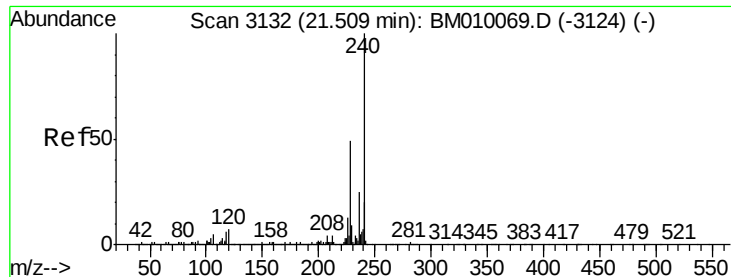


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010167.D

Acq: 24 May 2017 06:46

Instrument :

BNA_M

ClientSampleId :

GMW-2

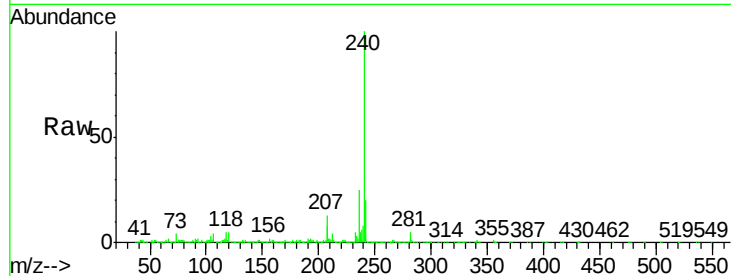
Tgt Ion:240 Resp: 1186271

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

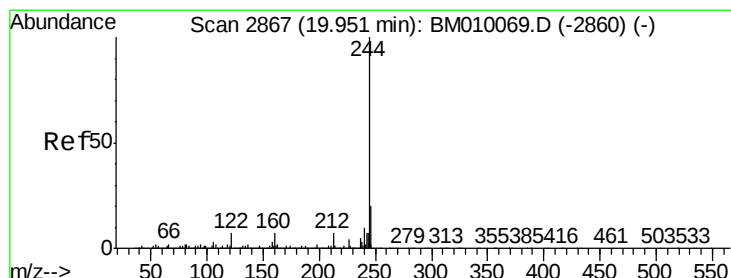
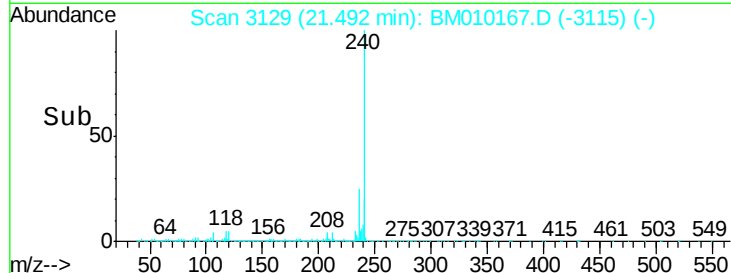
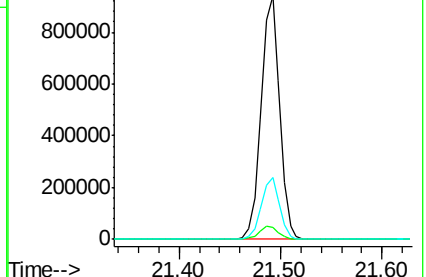
236 25.3 20.0 30.0



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: 80.27 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010167.D

Acq: 24 May 2017 06:46

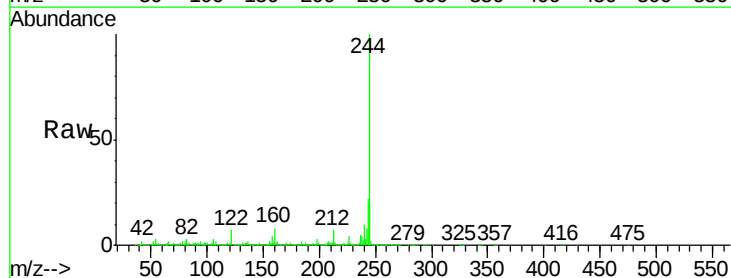
Tgt Ion:244 Resp: 4187766

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

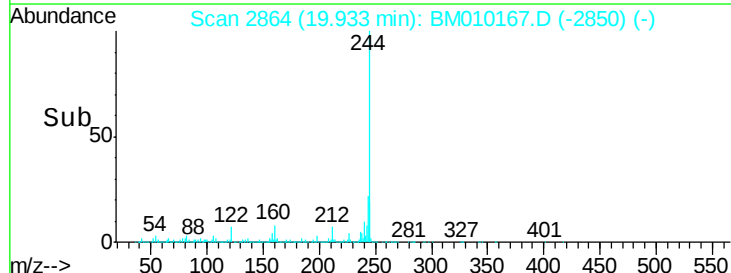
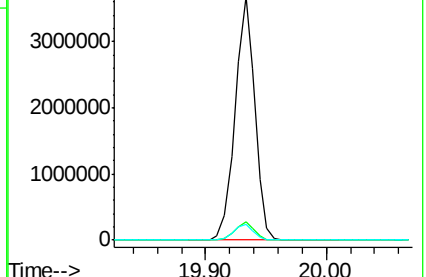
122 6.7 6.2 9.4

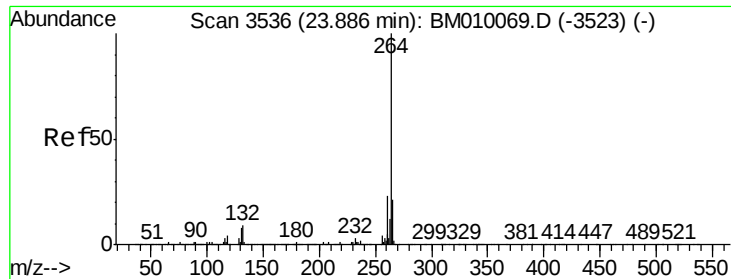


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010167.D

Acq: 24 May 2017 06:46

Instrument :

BNA_M

ClientSampleId :

GMW-2

Tgt Ion:264 Resp: 1322294

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.6 17.3 25.9

