

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010187.D
 Acq On : 24 May 2017 19:02
 Operator : SJ/MA
 Sample : I3282-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-11

Quant Time: May 25 06:57:47 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

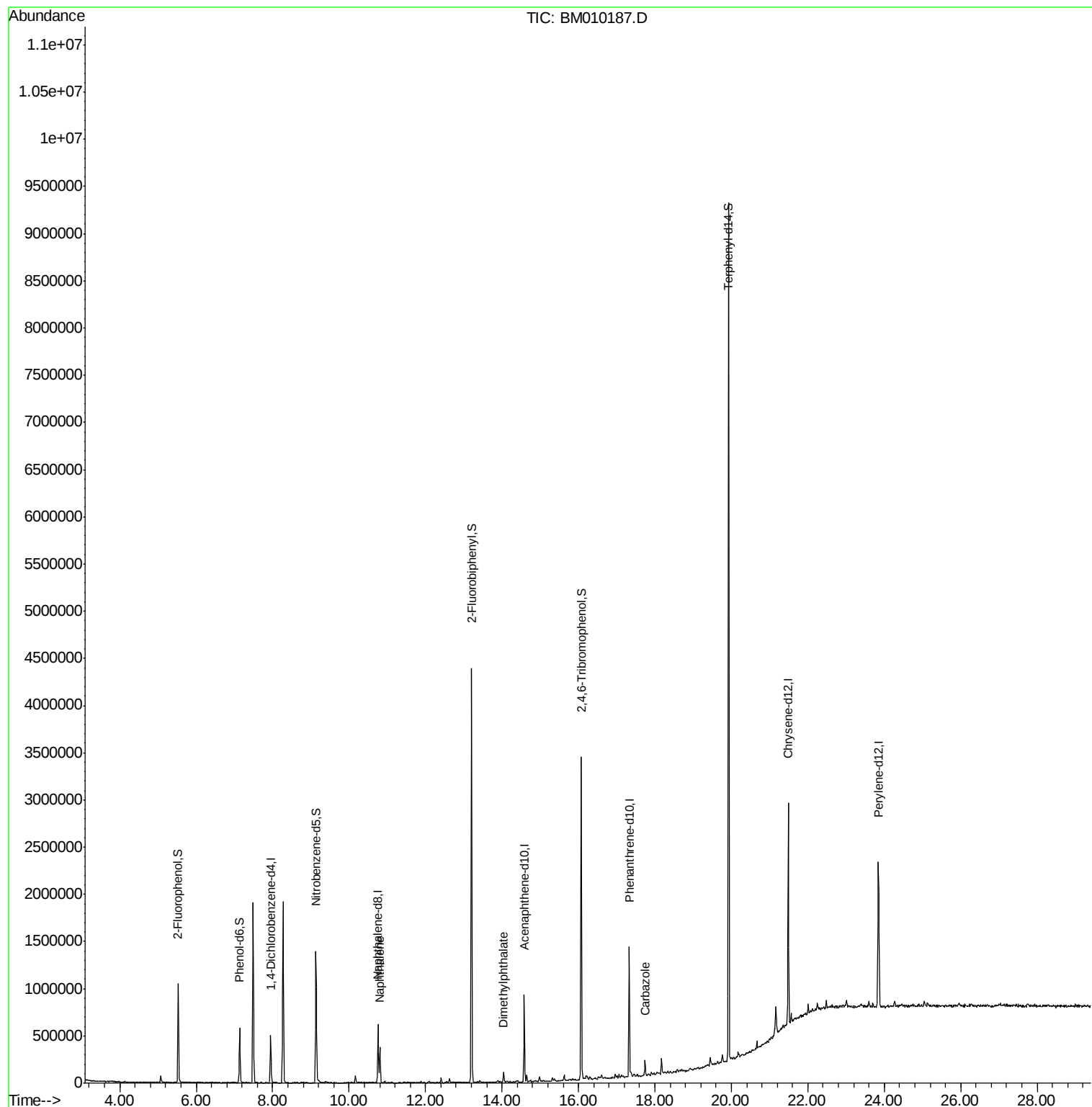
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	127915	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	444164	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	288686	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	752706	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1133543	20.00	ng	-0.02
86) Perylene-d12	23.84	264	1248285	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	377666	53.32	ng	-0.02
7) Phenol-d6	7.13	99	280653	30.79	ng	-0.04
23) Nitrobenzene-d5	9.13	82	791054	96.09	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	581831	132.70	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2039611	90.83	ng	-0.03
78) Terphenyl-d14	19.93	244	3877441	77.78	ng	-0.02
Target Compounds						
31) Naphthalene	10.81	128	249219	10.49	ng	Qvalue 98
49) Dimethylphthalate	14.05	163	61905	2.40	ng	# 97
72) Carbazole	17.74	167	94648	2.56	ng	98

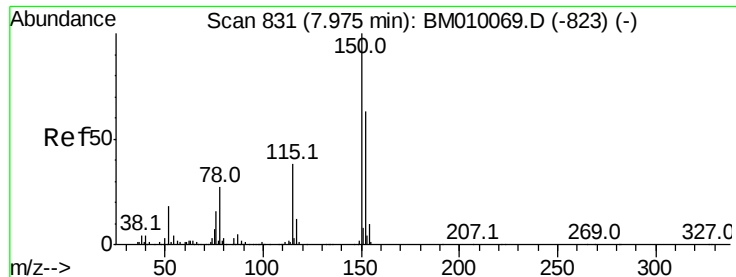
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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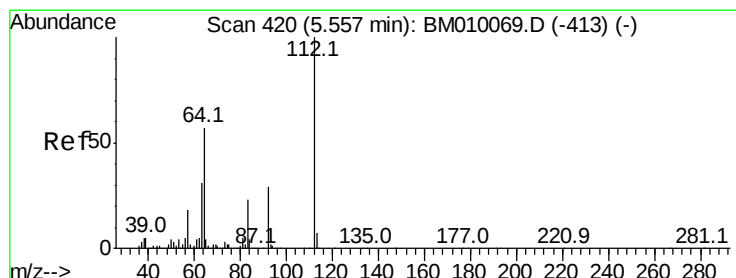
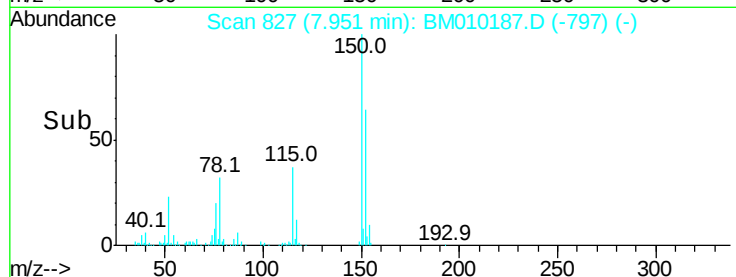
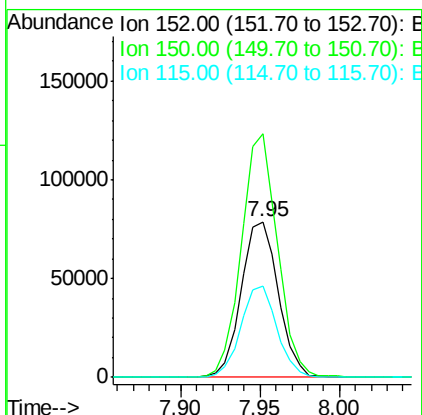
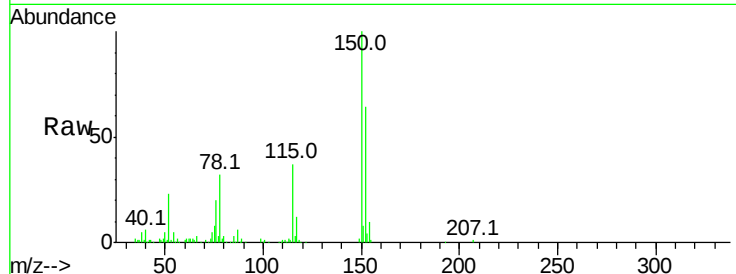


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010187.D
Acq: 24 May 2017 19:02

Instrument :
BNA_M
ClientSampleId :
GMW-11

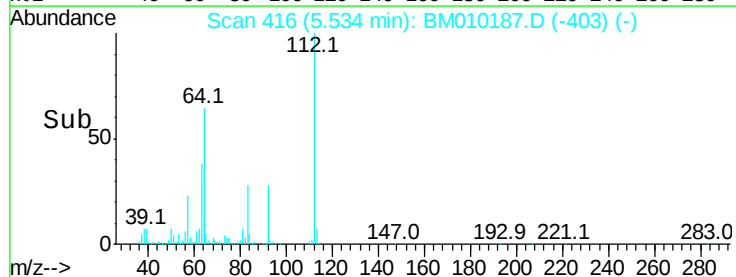
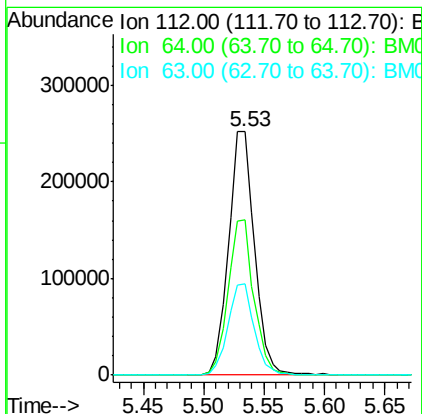
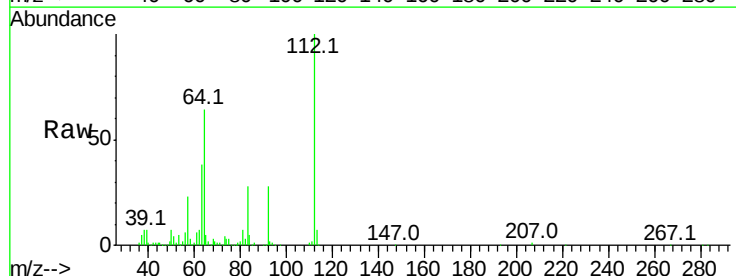
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	58.5	43.0	64.4



#5

2-Fluorophenol
Concen: 53.32 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010187.D
Acq: 24 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8#
63	37.6	19.3	28.9#





#7

Phenol-d6

Concen: 30.79 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010187.D

Acq: 24 May 2017 19:02

Instrument :

BNA_M

ClientSampleId :

GMW-11

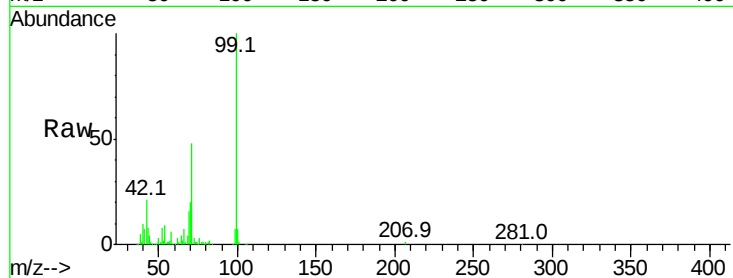
Tot Ion: 99 Resp: 280653

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

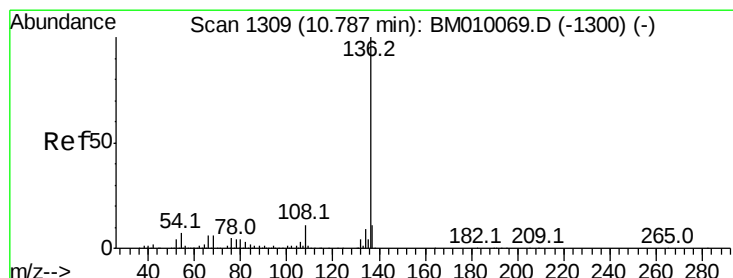
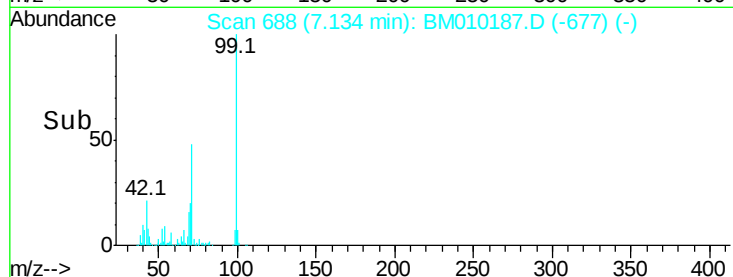
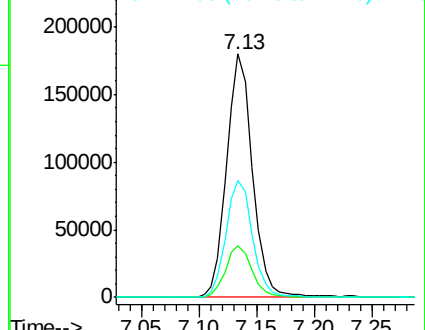
71 48.1 23.4 35.2#



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# 1304

Delta R.T. -0.03 min

Lab File: BM010187.D

Acq: 24 May 2017 19:02

Tgt Ion: 136 Resp: 444164

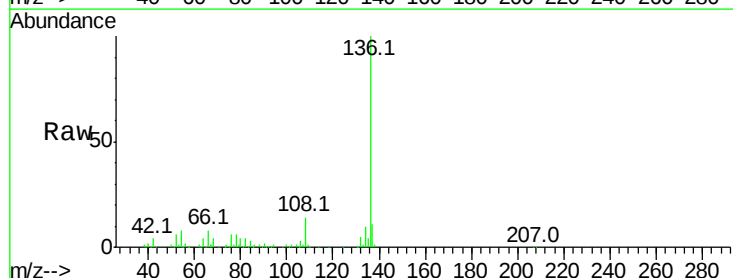
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.6 4.6 6.8#

68 4.1 3.7 5.5

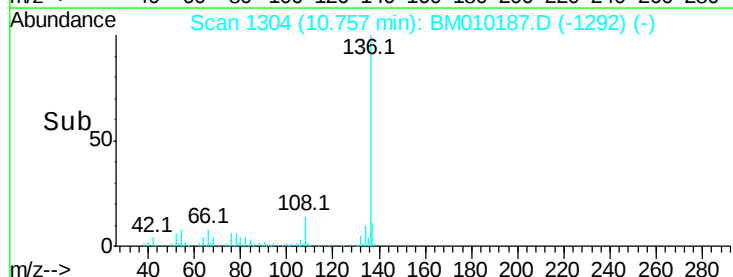
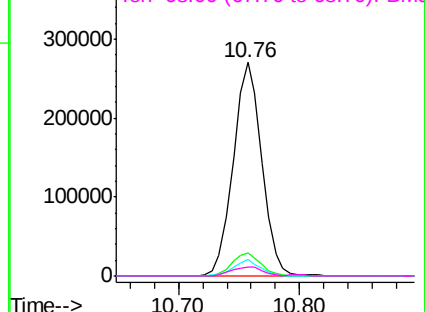


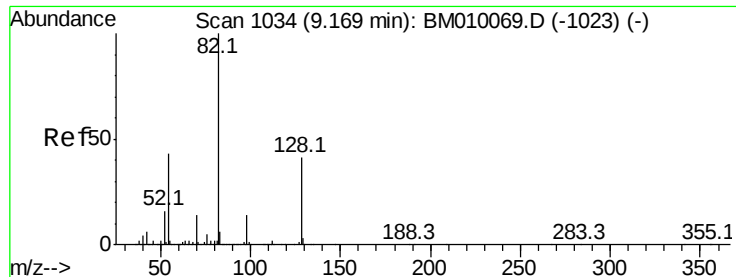
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

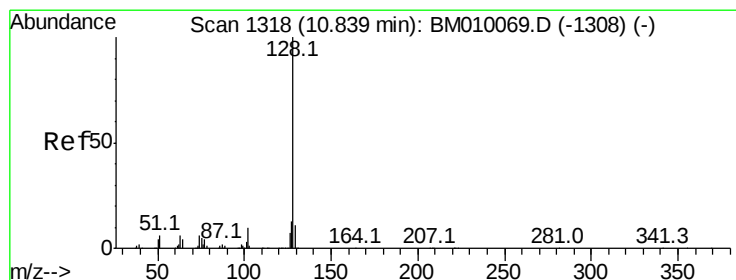
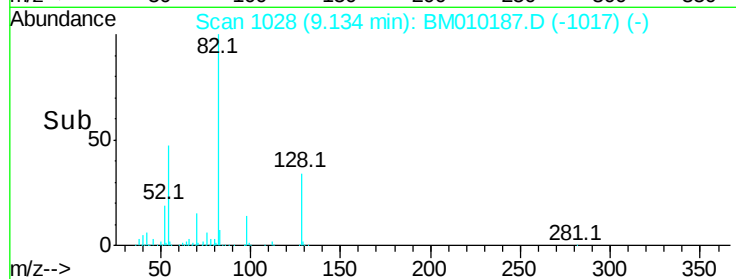
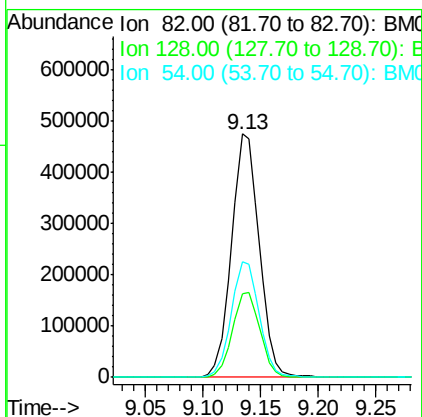
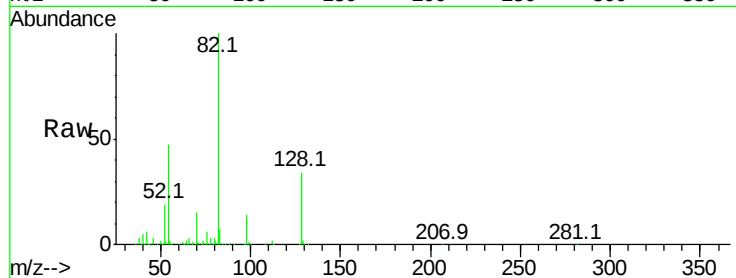




#23
Nitrobenzene-d5
Concen: 96.09 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010187.D
Acq: 24 May 2017 19:02

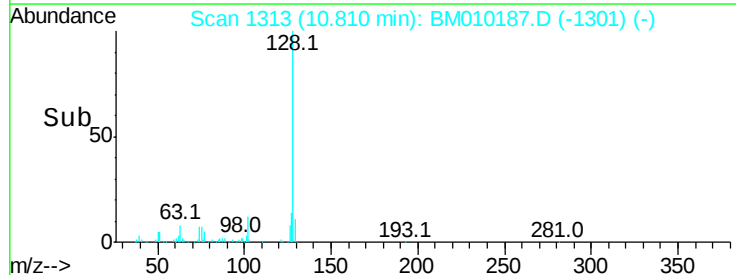
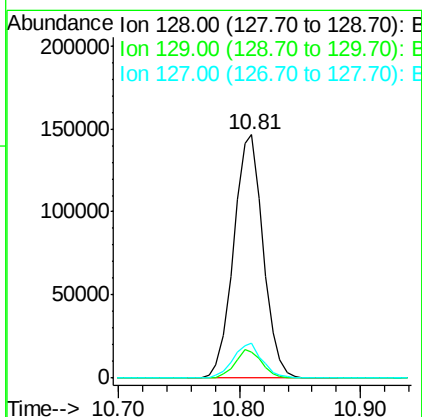
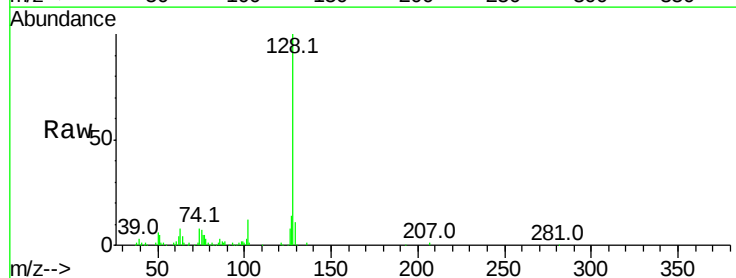
Instrument :
BNA_M
ClientSampleId :
GMW-11

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	32.8	49.2
54	47.5	40.6	60.8



#31
Naphthalene
Concen: 10.49 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BM010187.D
Acq: 24 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	14.4	10.4	15.6

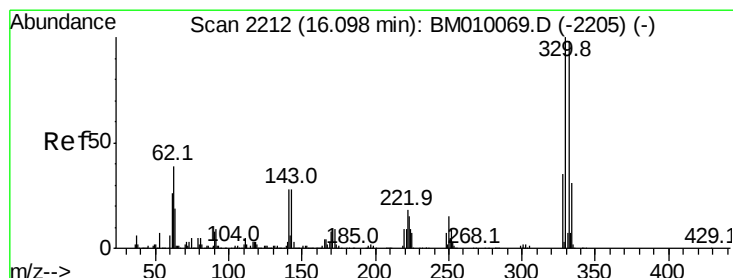
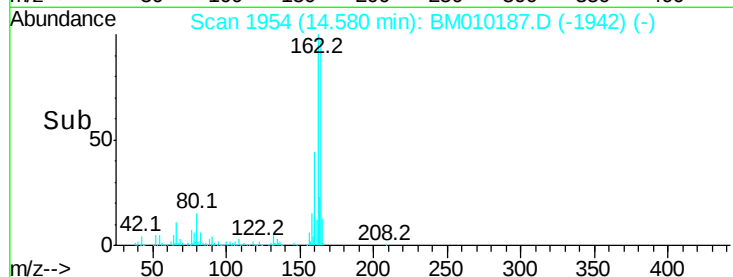
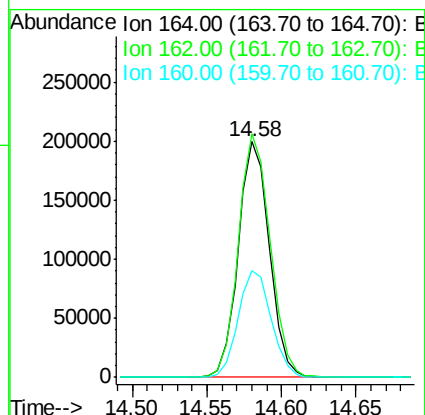
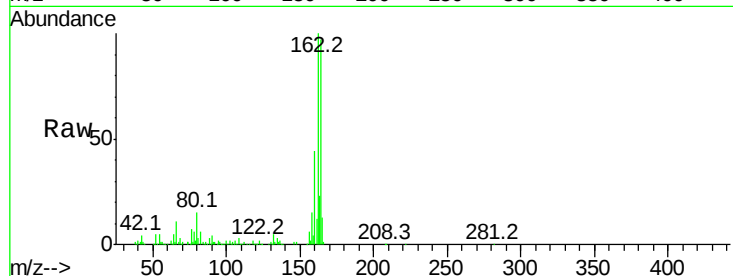




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BM010187.D
Acq: 24 May 2017 19:02

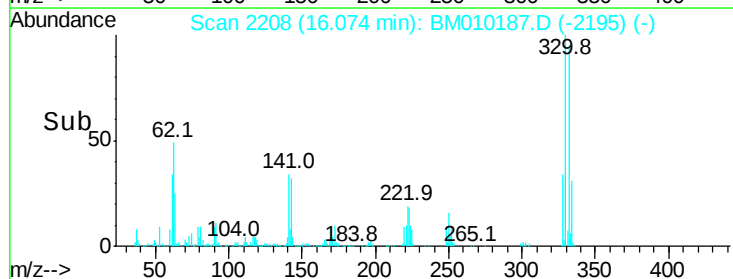
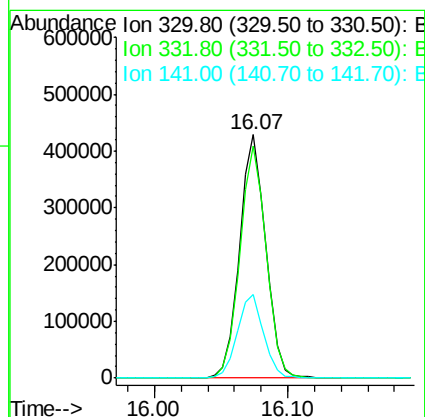
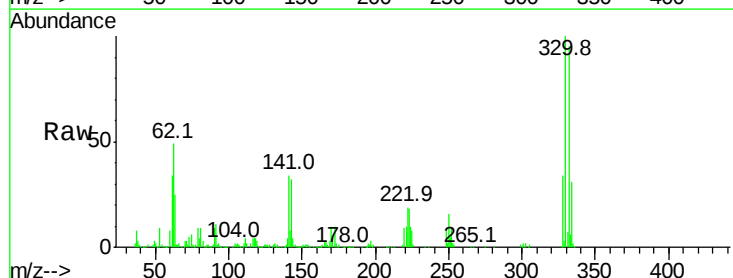
Instrument :
BNA_M
ClientSampleId :
GMW-11

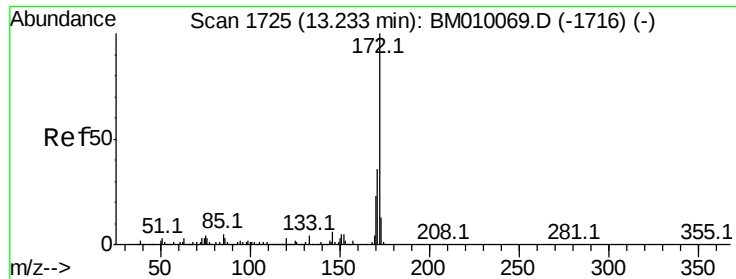
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.4	123.6
160	45.1	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 132.70 ng
RT: 16.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BM010187.D
Acq: 24 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	34.7	0.0	0.0#

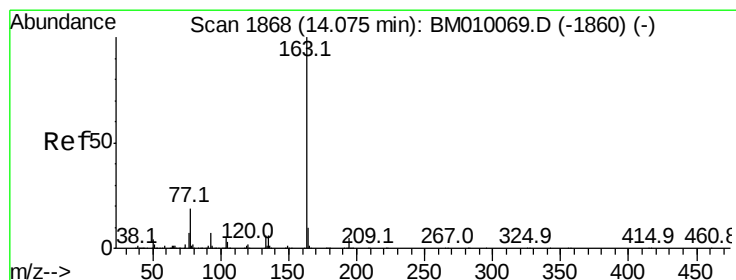
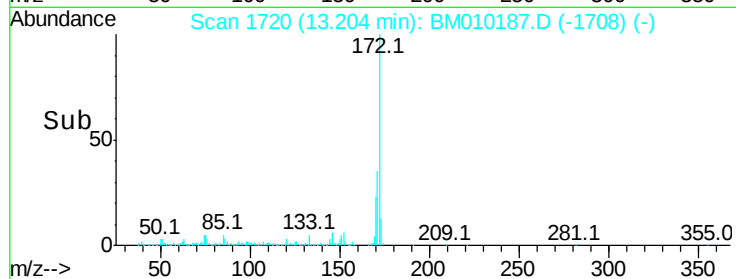
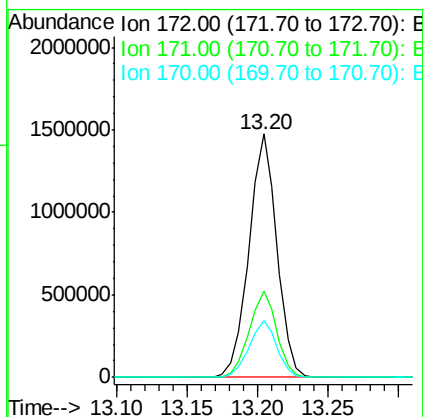
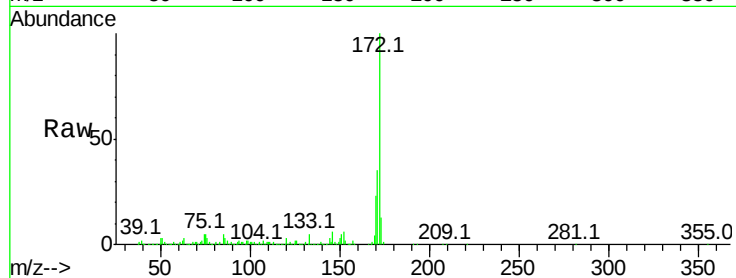




#44
2-Fluorobiphenyl
Concen: 90.83 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010187.D
Acq: 24 May 2017 19:02

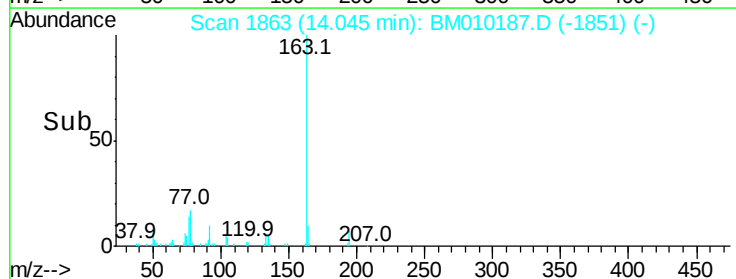
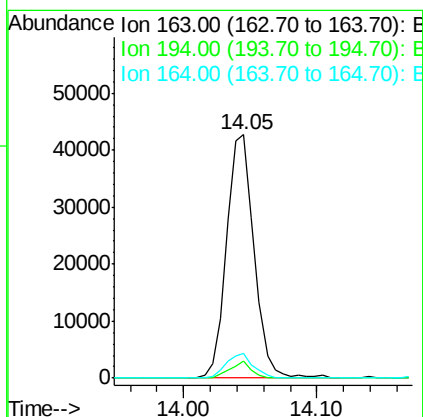
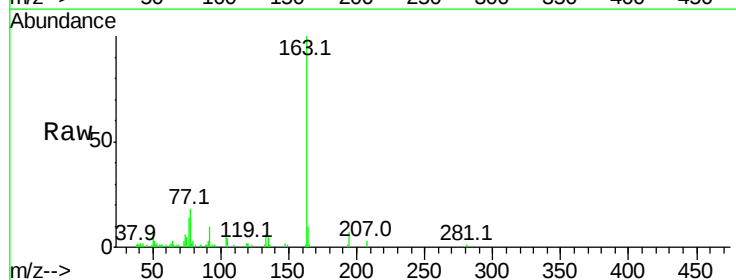
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GMW-11

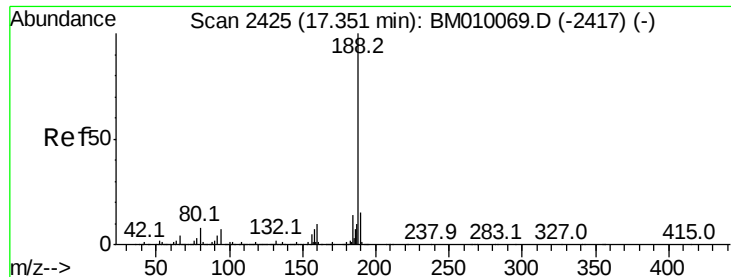
Tot Ion:172 Resp: 2039611
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 18.8 28.2



#49
Dimethylphthalate
Concen: 2.40 ng
RT: 14.05 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010187.D
Acq: 24 May 2017 19:02

Tgt Ion:163 Resp: 61905
Ion Ratio Lower Upper
163 100
194 7.1 2.7 4.1#
164 10.0 8.2 12.2

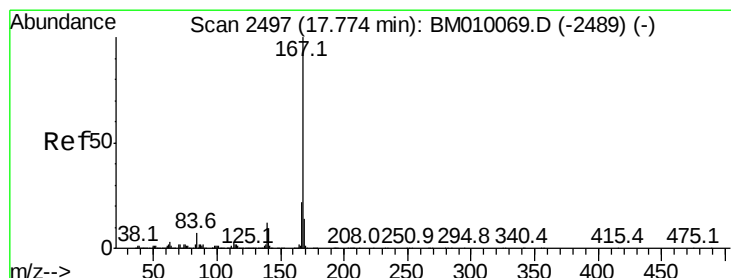
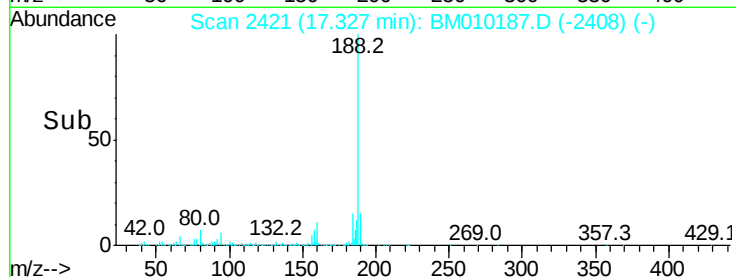
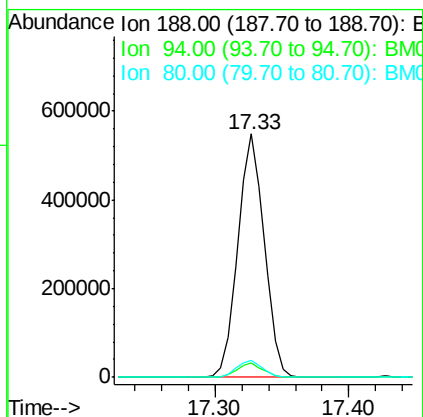
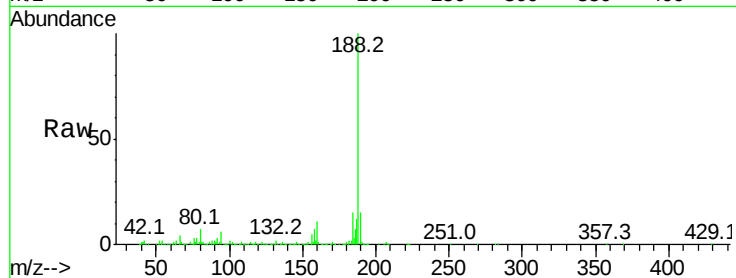




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.33 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BM010187.D
 Acq: 24 May 2017 19:02

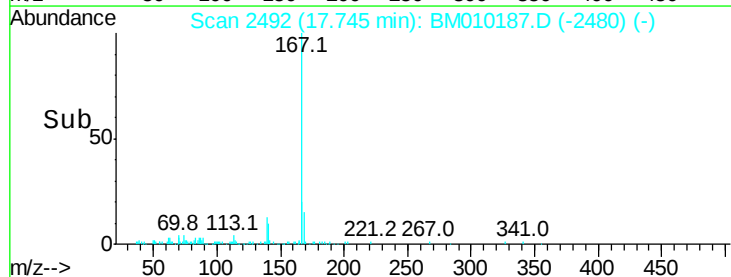
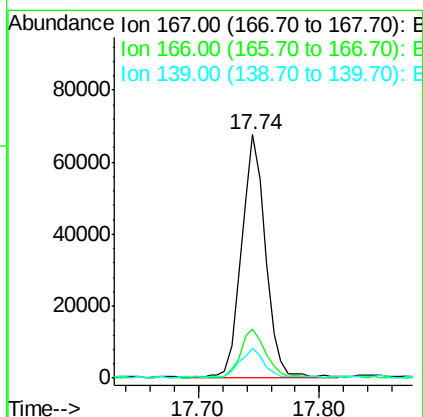
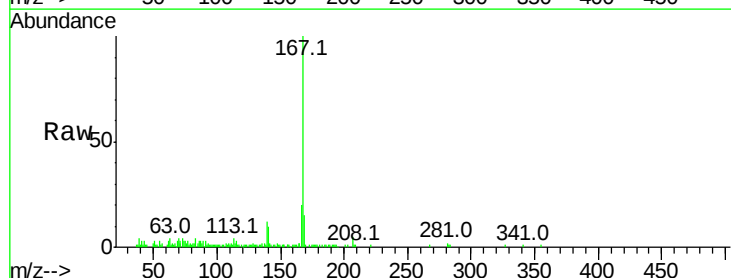
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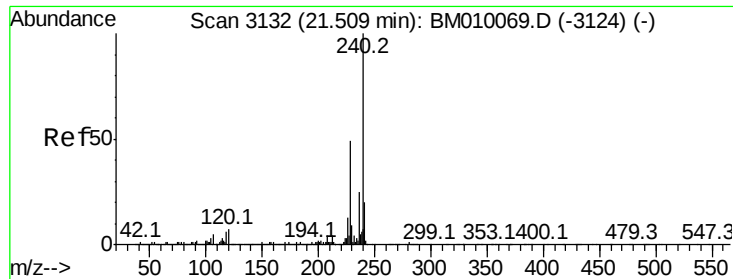
Tot Ion:188 Resp: 752706
 Ion Ratio Lower Upper
 188 100
 94 5.9 8.7 13.1#
 80 6.8 9.3 13.9#



#72
 Carbazole
 Concen: 2.56 ng
 RT: 17.74 min Scan# 2492
 Delta R.T. -0.03 min
 Lab File: BM010187.D
 Acq: 24 May 2017 19:02

Tgt Ion:167 Resp: 94648
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.2 25.8
 139 12.5 10.8 16.2

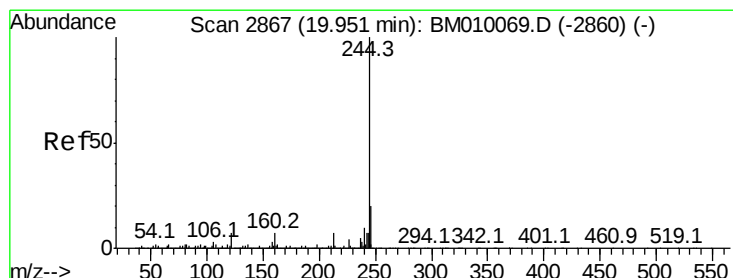
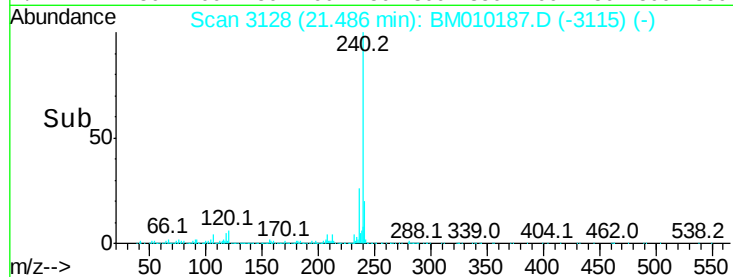
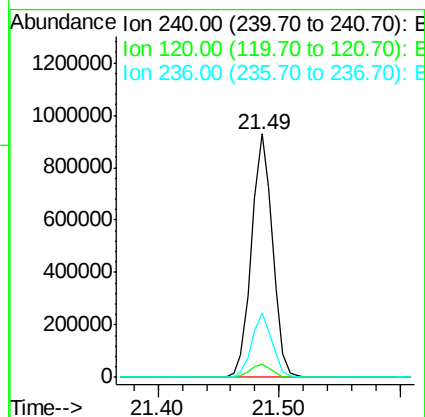
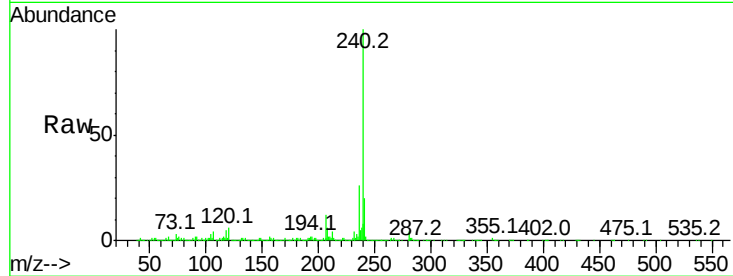




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.49 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BM010187.D
 Acq: 24 May 2017 19:02

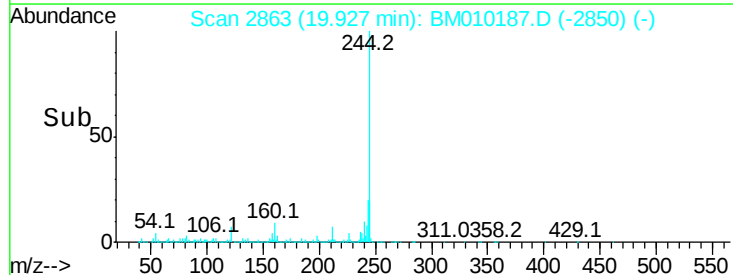
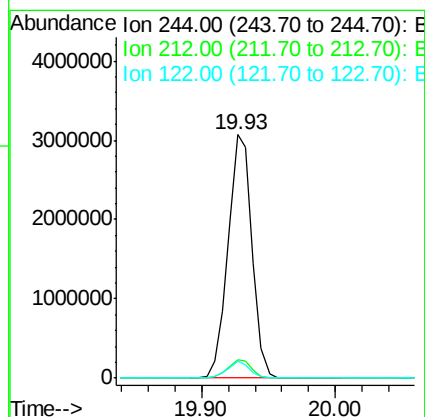
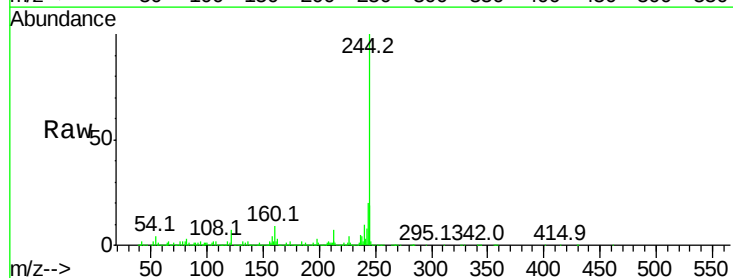
Instrument :
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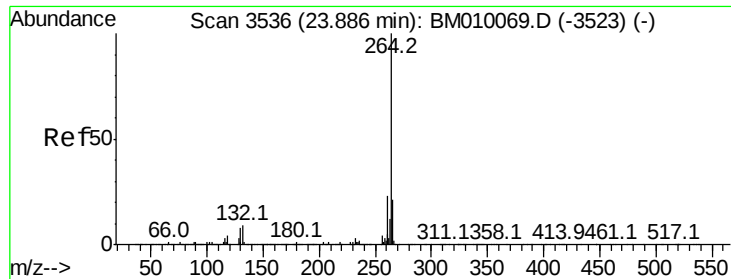
Tot Ion:240 Resp: 1133543
 Ion Ratio Lower Upper
 240 100
 120 5.6 8.2 12.2#
 236 26.4 20.0 30.0



#78
 Terphenyl-d14
 Concen: 77.78 ng
 RT: 19.93 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM010187.D
 Acq: 24 May 2017 19:02

Tgt Ion:244 Resp: 3877441
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.9 7.3#
 122 6.9 6.2 9.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.84 min Scan# 3529
 Delta R.T. -0.04 min
 Lab File: BM010187.D
 Acq: 24 May 2017 19:02

Instrument :
 BNA_M
 ClientSampleId :
 GMW-11

Tot Ion:264 Resp: 1248285

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.6	17.3	25.9

