

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010186.D
 Acq On : 24 May 2017 18:26
 Operator : SJ/MA
 Sample : I3221-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 25 05:28:22 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

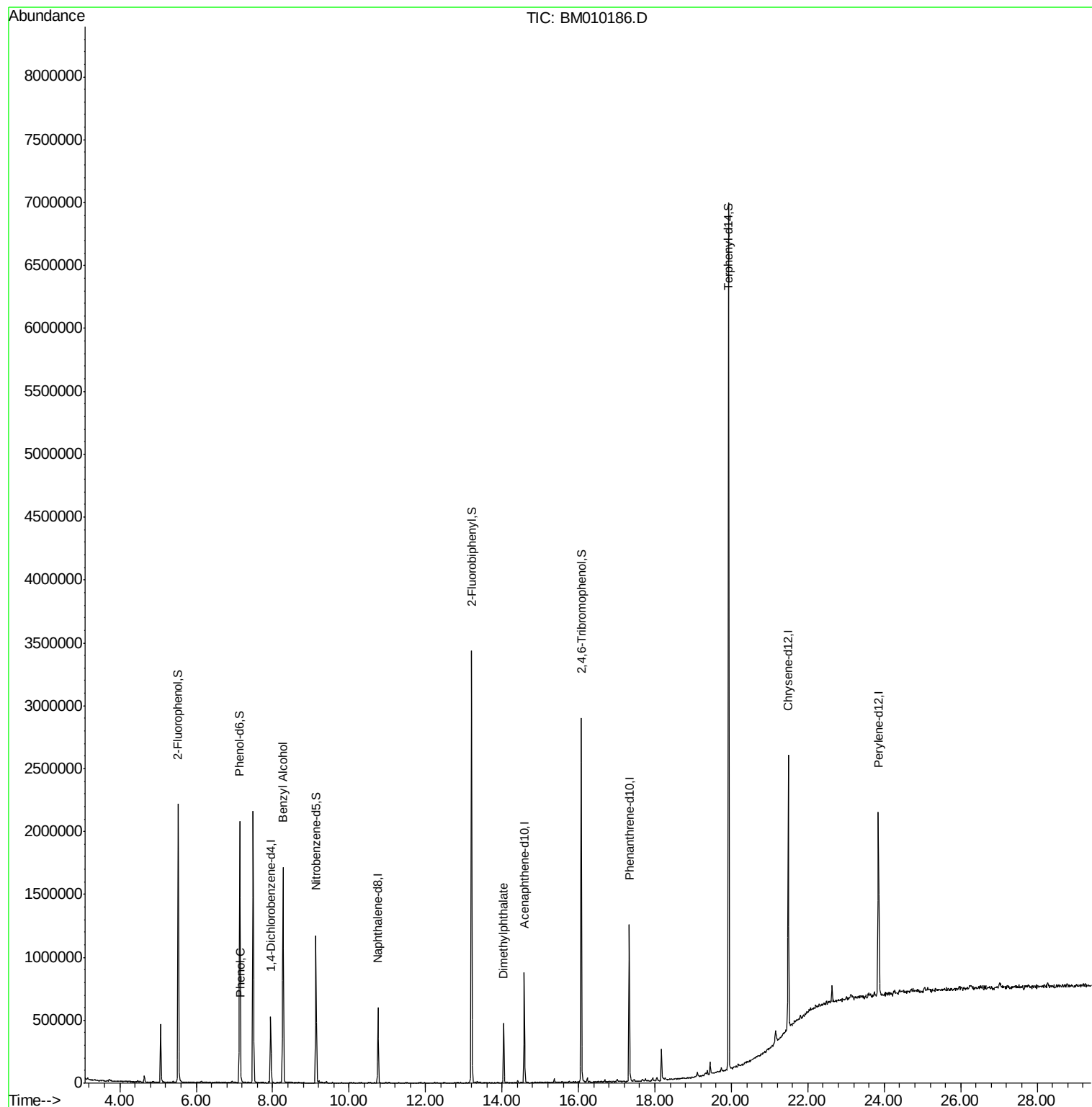
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	134071	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	435307	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	275270	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	694654	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1056261	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1177950	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	791779	106.65	ng	-0.02
7) Phenol-d6	7.14	99	1003714	105.07	ng	-0.03
23) Nitrobenzene-d5	9.13	82	667341	82.71	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	464441	111.09	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1609588	75.17	ng	-0.03
78) Terphenyl-d14	19.93	244	2833294	60.99	ng	-0.02
Target Compounds						
10) Phenol	7.16	94	20816	2.07	ng	Qvalue 86
15) Benzyl Alcohol	8.27	79	15066	2.08	ng	# 36
49) Dimethylphthalate	14.04	163	281239	11.45	ng	# 98

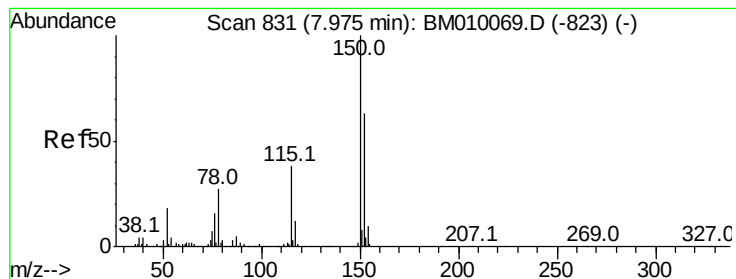
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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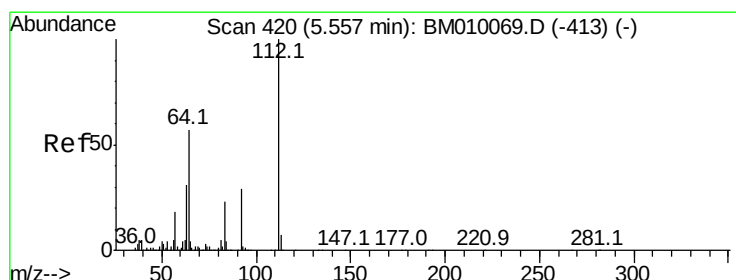
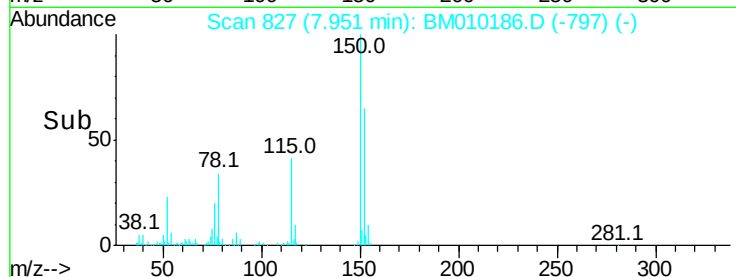
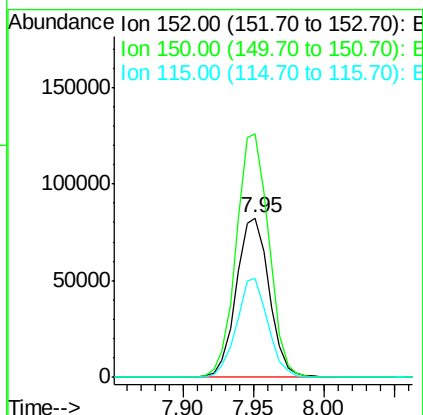
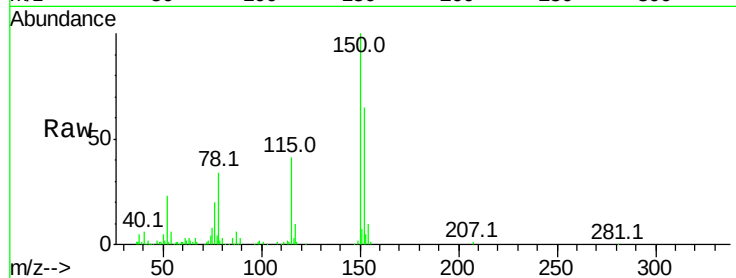


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010186.D
Acq: 24 May 2017 18:26

Instrument :
BNA_M
ClientSampleId :

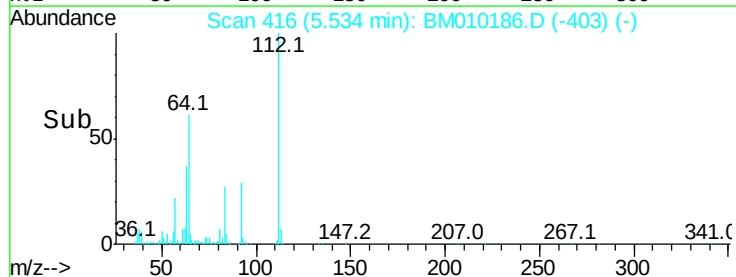
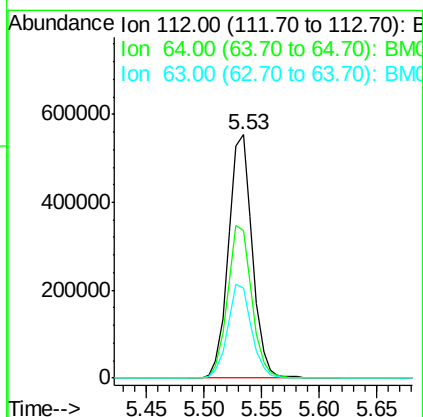
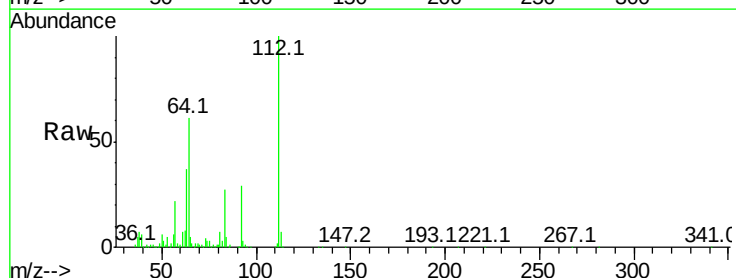
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	62.3	43.0	64.4

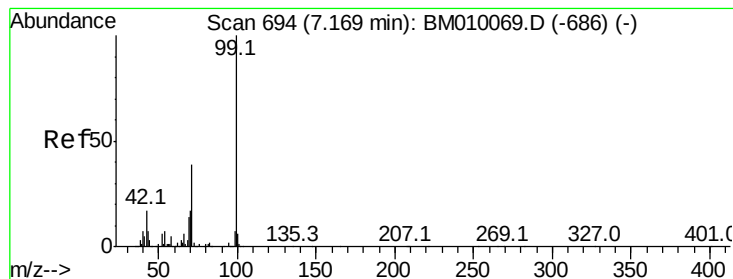


#5

2-Fluorophenol
Concen: 106.65 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010186.D
Acq: 24 May 2017 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	38.6	57.8#
63	36.9	19.3	28.9#





#7

Phenol-d6

Concen: 105.07 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

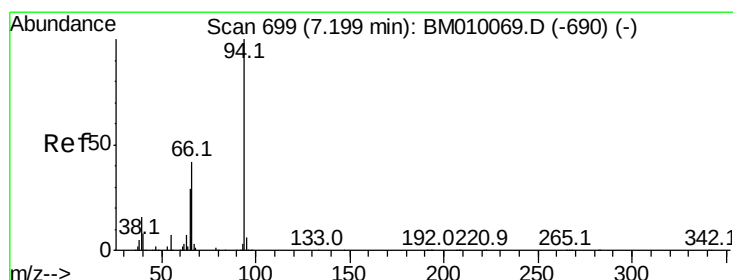
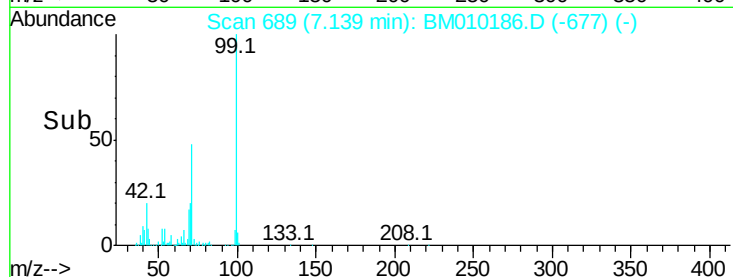
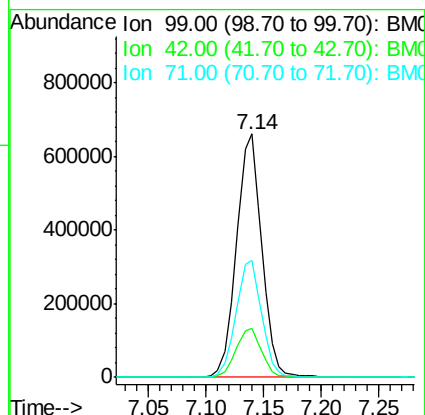
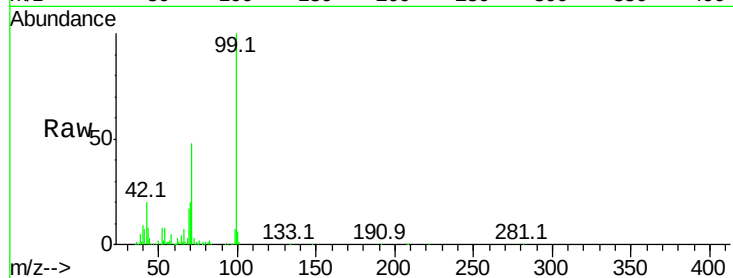
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1003714

Ion	Ratio	Lower	Upper
99	100		
42	20.0	11.0	16.4#
71	47.8	23.4	35.2#



#10

Phenol

Concen: 2.07 ng

RT: 7.16 min Scan# 693

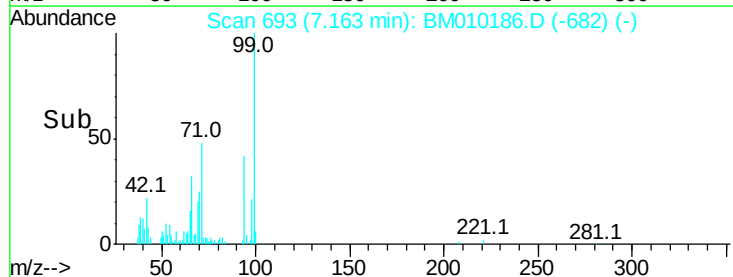
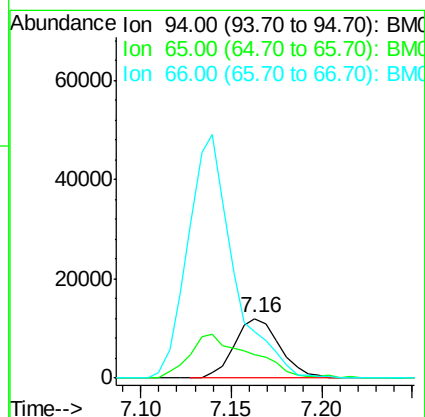
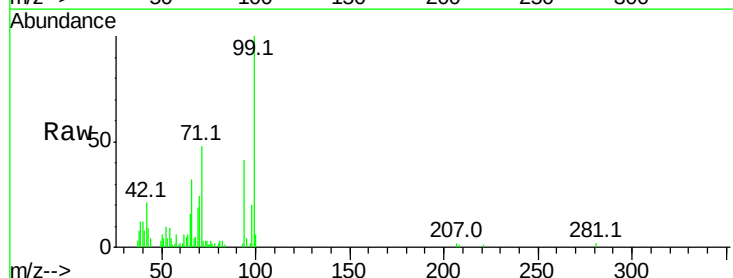
Delta R.T. -0.04 min

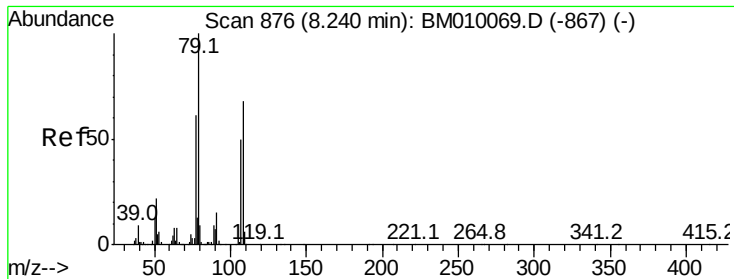
Lab File: BM010186.D

Acq: 24 May 2017 18:26

Tgt Ion: 94 Resp: 20816

Ion	Ratio	Lower	Upper
94	100		
65	39.3	18.8	58.8
66	77.1	39.9	79.9





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.27 min Scan# 881

Delta R.T. 0.03 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

Instrument :

BNA_M

ClientSampleId :

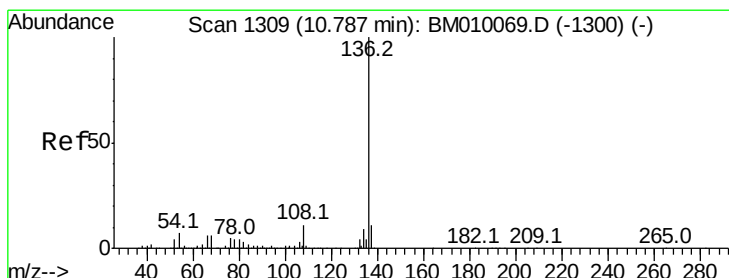
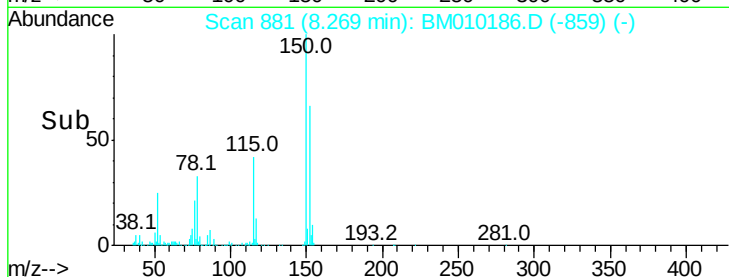
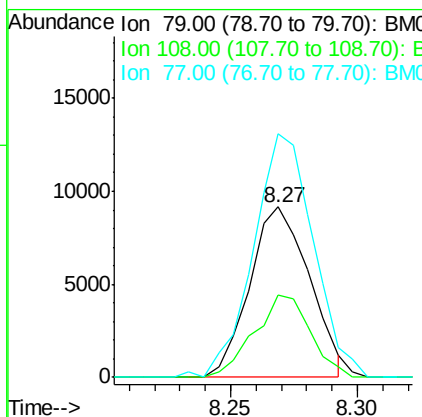
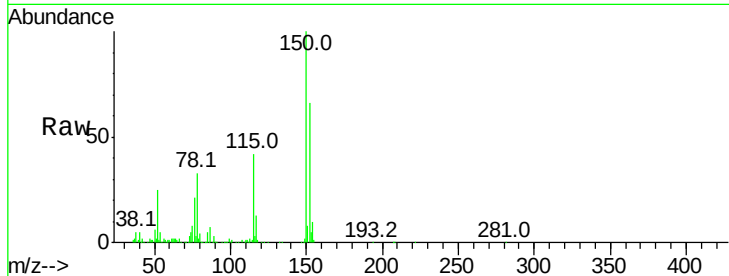
Tot Ion: 79 Resp: 15066

Ion Ratio Lower Upper

79 100

108 48.2 65.0 97.4#

77 143.1 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

Tgt Ion: 136 Resp: 435307

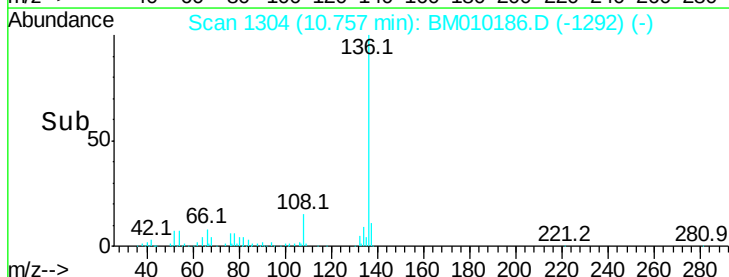
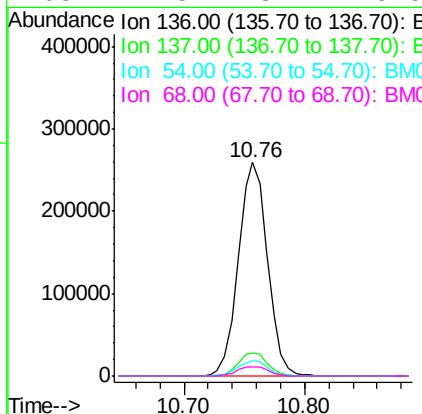
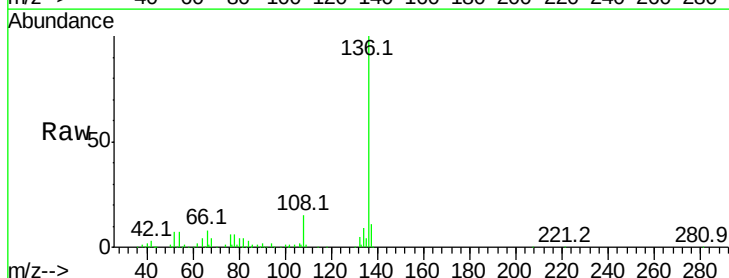
Ion Ratio Lower Upper

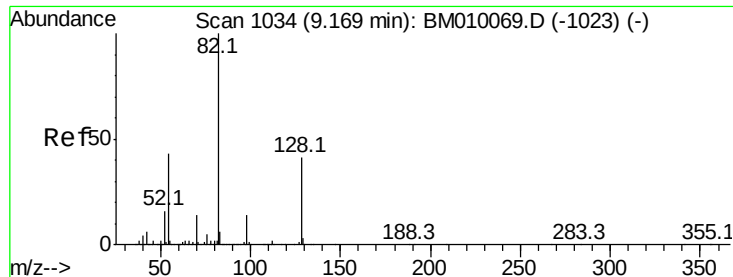
136 100

137 10.8 8.7 13.1

54 7.2 4.6 6.8#

68 4.5 3.7 5.5

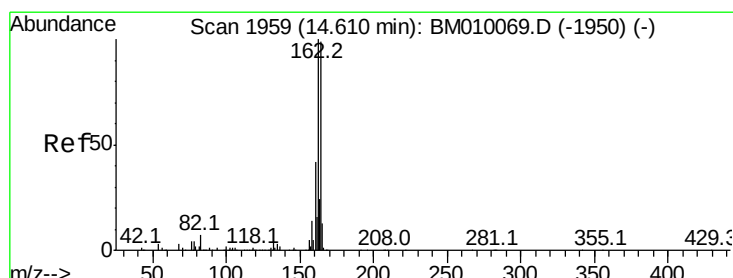
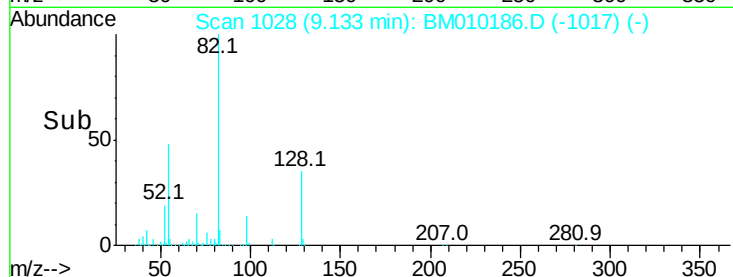
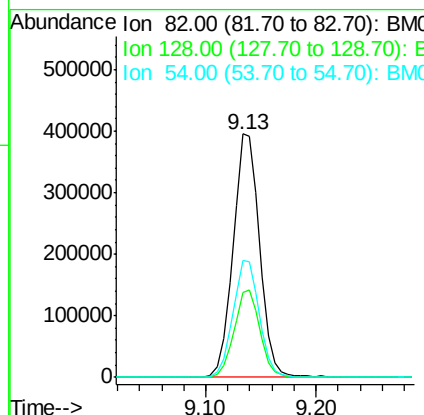
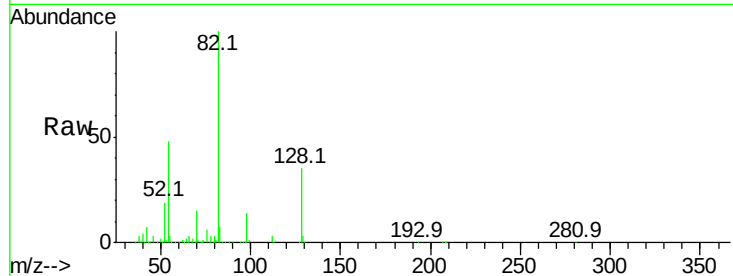




#23
 Nitrobenzene-d5
 Concen: 82.71 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010186.D
 Acq: 24 May 2017 18:26

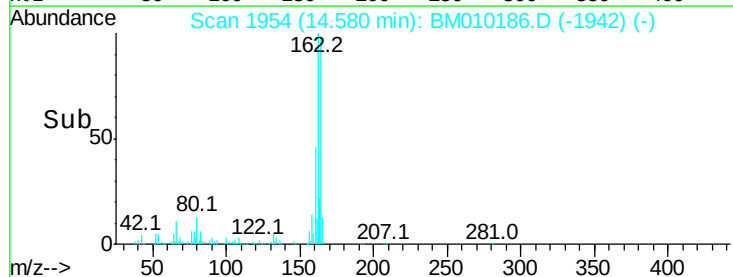
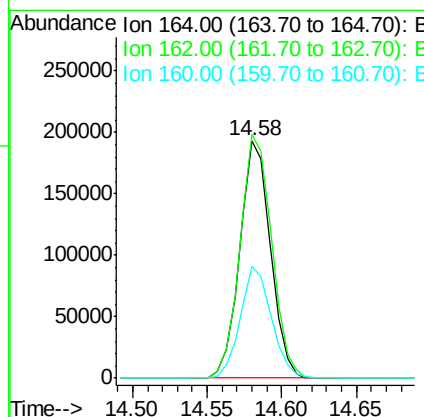
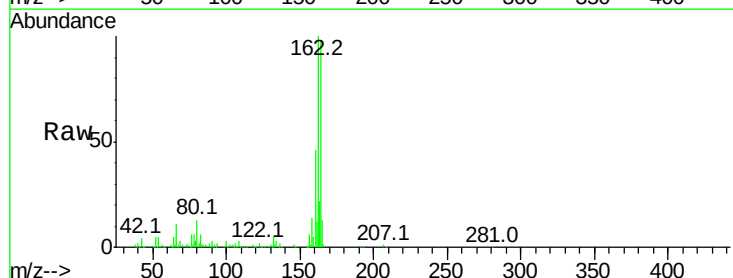
Instrument :
 BNA_M
 ClientSampled :

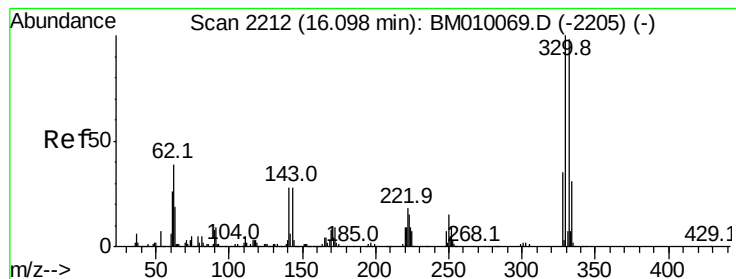
Tot Ion	82	Resp	667341
Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.8	49.2
54	48.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010186.D
 Acq: 24 May 2017 18:26

Tgt Ion	164	Resp	275270
Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.4	123.6
160	47.3	35.8	53.6

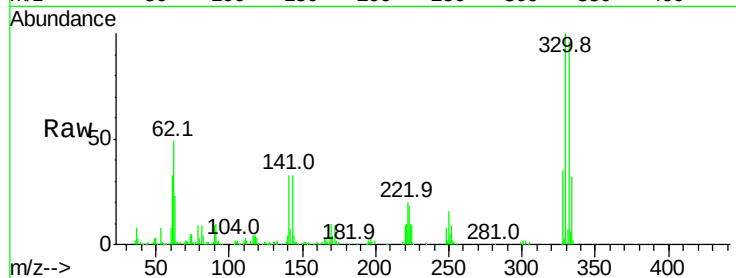




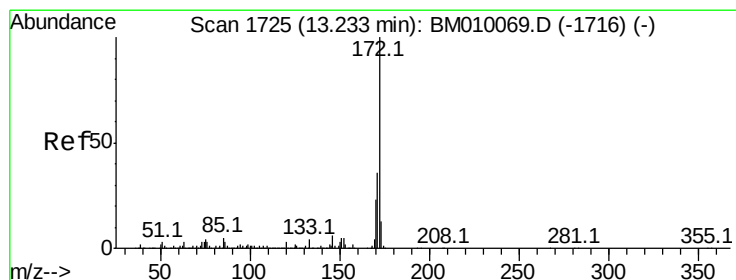
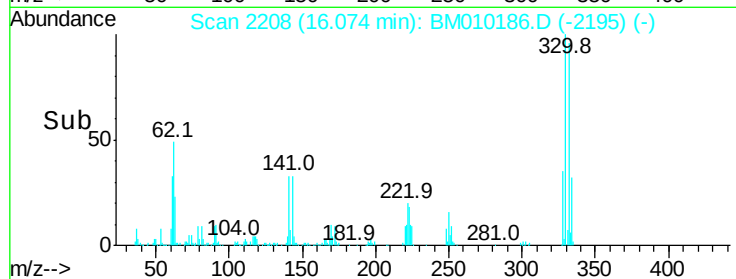
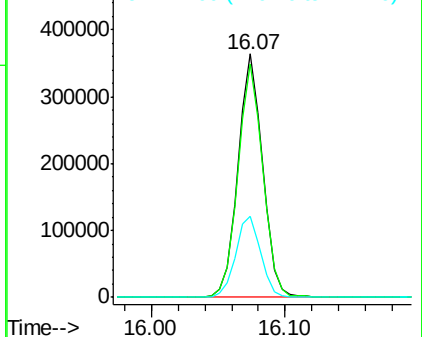
#41
 2,4,6-Tribromophenol
 Concen: 111.09 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010186.D
 Acq: 24 May 2017 18:26

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 464441
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 34.4 0.0 0.0#

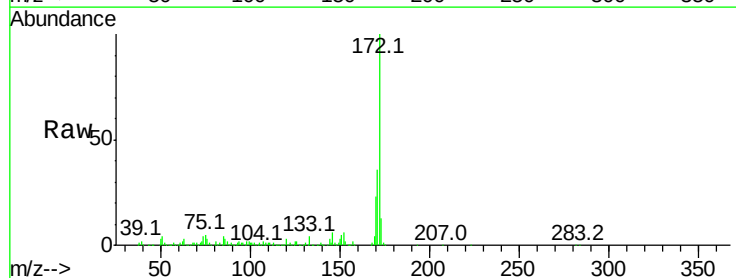


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

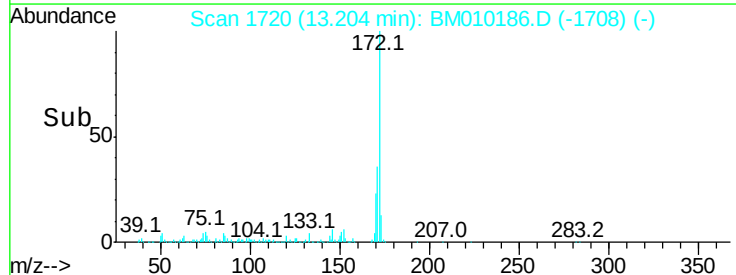
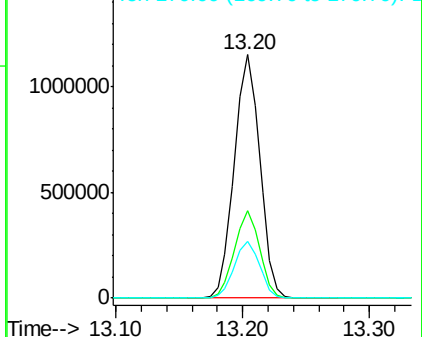


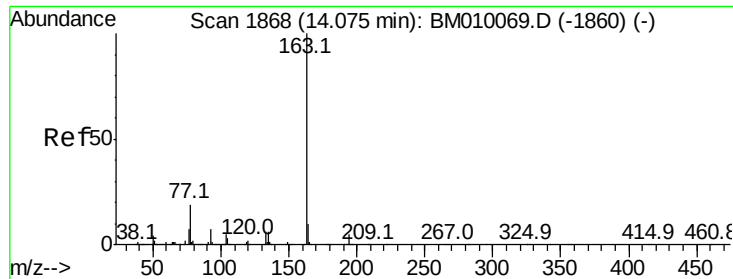
#44
 2-Fluorobiphenyl
 Concen: 75.17 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010186.D
 Acq: 24 May 2017 18:26

Tgt Ion:172 Resp: 1609588
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.5 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





#49

Dimethylphthalate

Concen: 11.45 ng

RT: 14.04 min Scan# 1862

Delta R.T. -0.04 min

Lab File: BM010186.D

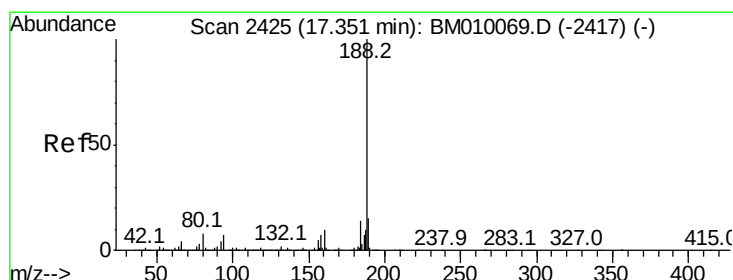
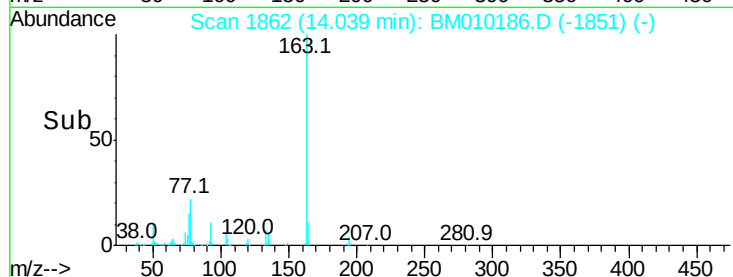
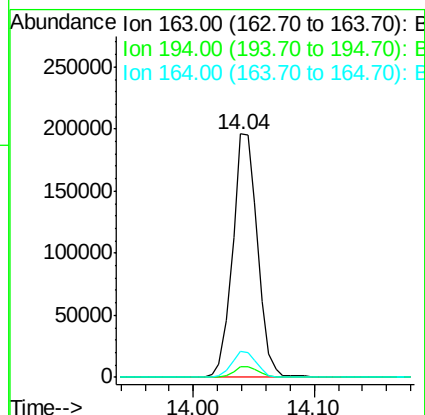
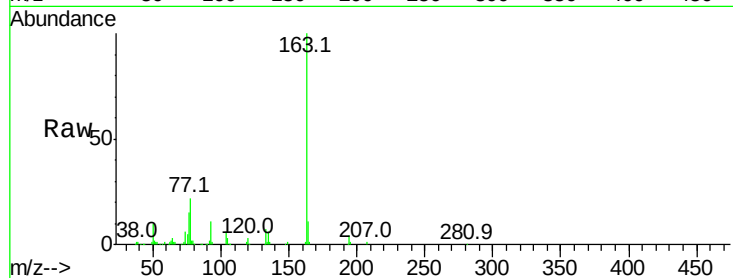
Acq: 24 May 2017 18:26

Instrument :

BNA_M

ClientSampled :

Tot Ion:163	Resp:	281239
Ion Ratio	Lower	Upper
163	100	
194	4.4	2.7 4.1#
164	10.6	8.2 12.2



#63

Phenanthrene-d10

Concen: 20.00 ng

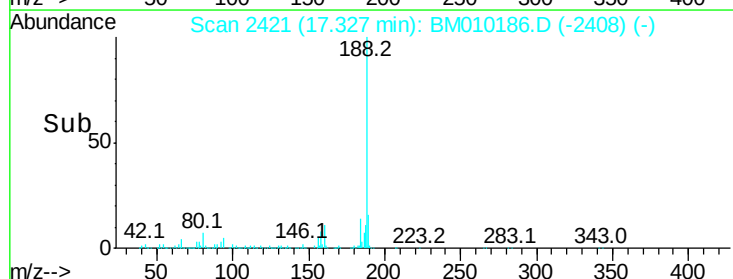
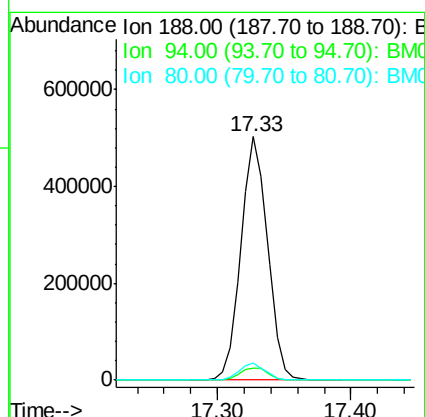
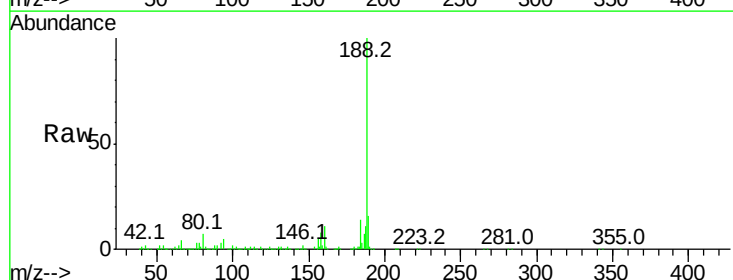
RT: 17.33 min Scan# 2421

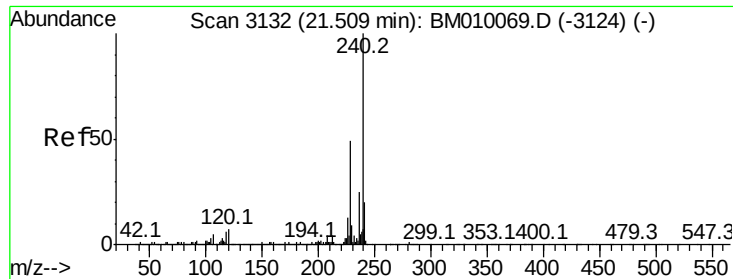
Delta R.T. -0.02 min

Lab File: BM010186.D

Acq: 24 May 2017 18:26

Tgt Ion:188	Resp:	694654
Ion Ratio	Lower	Upper
188	100	
94	5.1	8.7 13.1#
80	6.8	9.3 13.9#

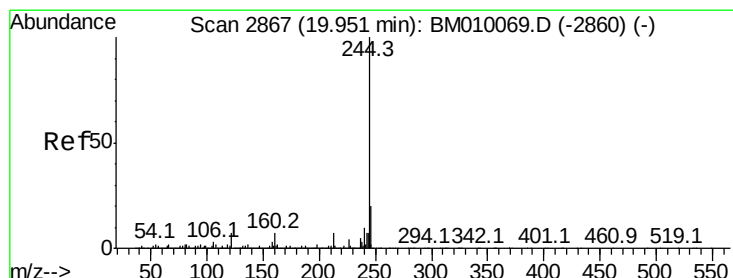
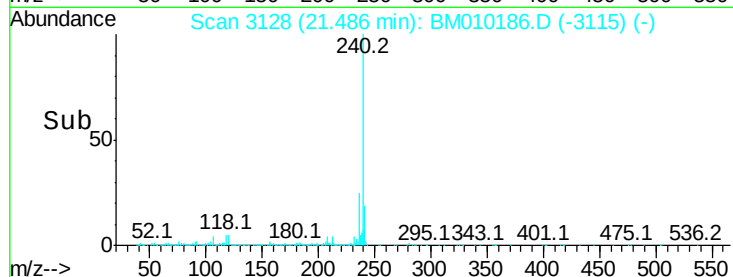
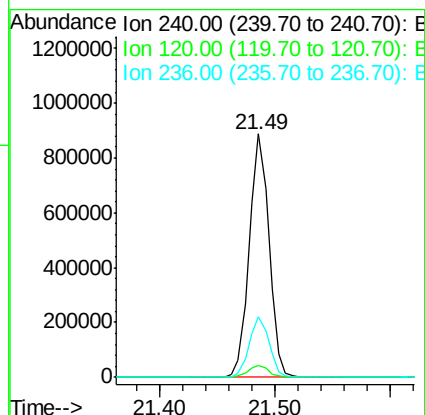
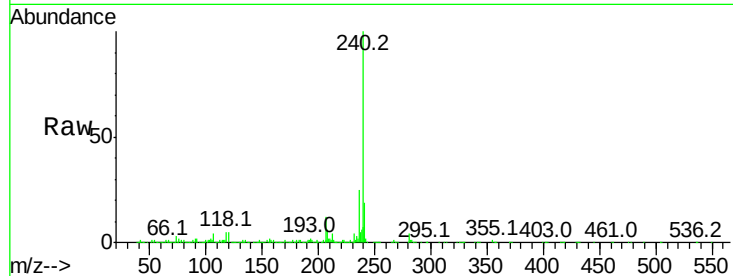




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.49 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BM010186.D
 Acq: 24 May 2017 18:26

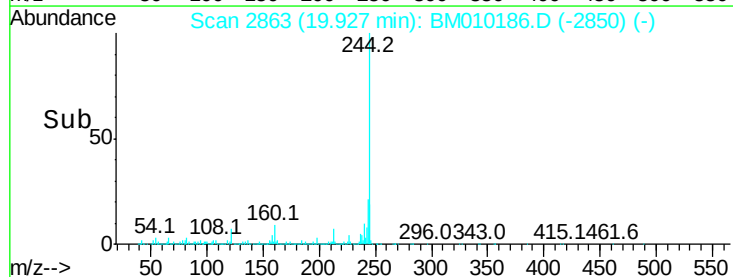
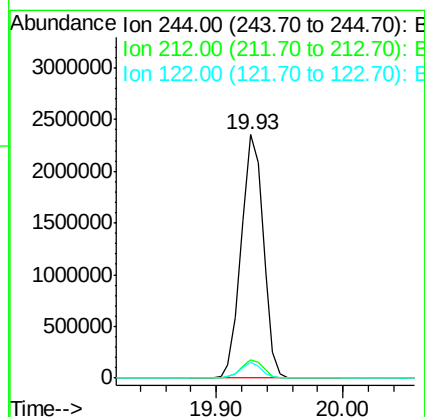
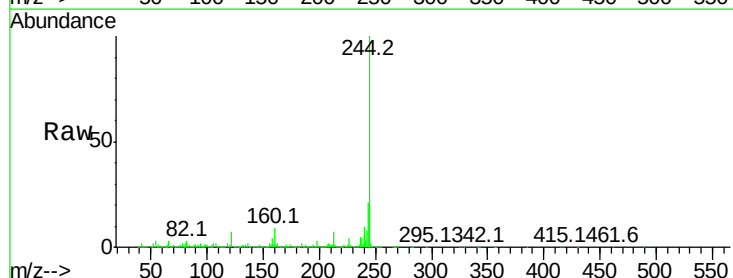
Instrument :
 BNA_M
 ClientSampleId :

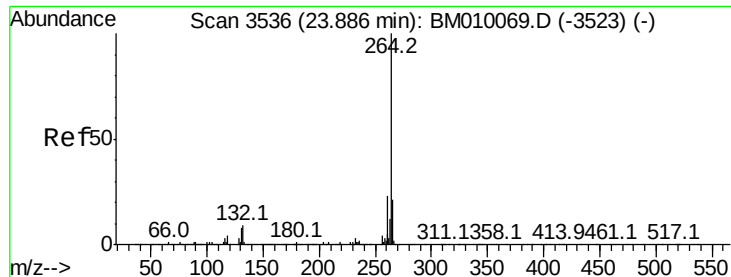
Tot Ion:240 Resp: 1056261
 Ion Ratio Lower Upper
 240 100
 120 5.0 8.2 12.2#
 236 24.8 20.0 30.0



#78
 Terphenyl-d14
 Concen: 60.99 ng
 RT: 19.93 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM010186.D
 Acq: 24 May 2017 18:26

Tgt Ion:244 Resp: 2833294
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.9 7.3
 122 6.6 6.2 9.4



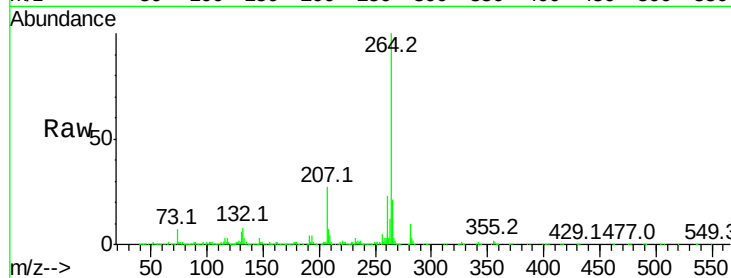


#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.85 min Scan# 3530
 Delta R.T. -0.04 min
 Lab File: BM010186.D
 Acq: 24 May 2017 18:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1177950

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.2	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

