

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010251.D
 Acq On : 26 May 2017 11:35
 Operator : SJ/MA
 Sample : I3340-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-DRUM-2-COMP

Quant Time: May 27 00:11:33 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

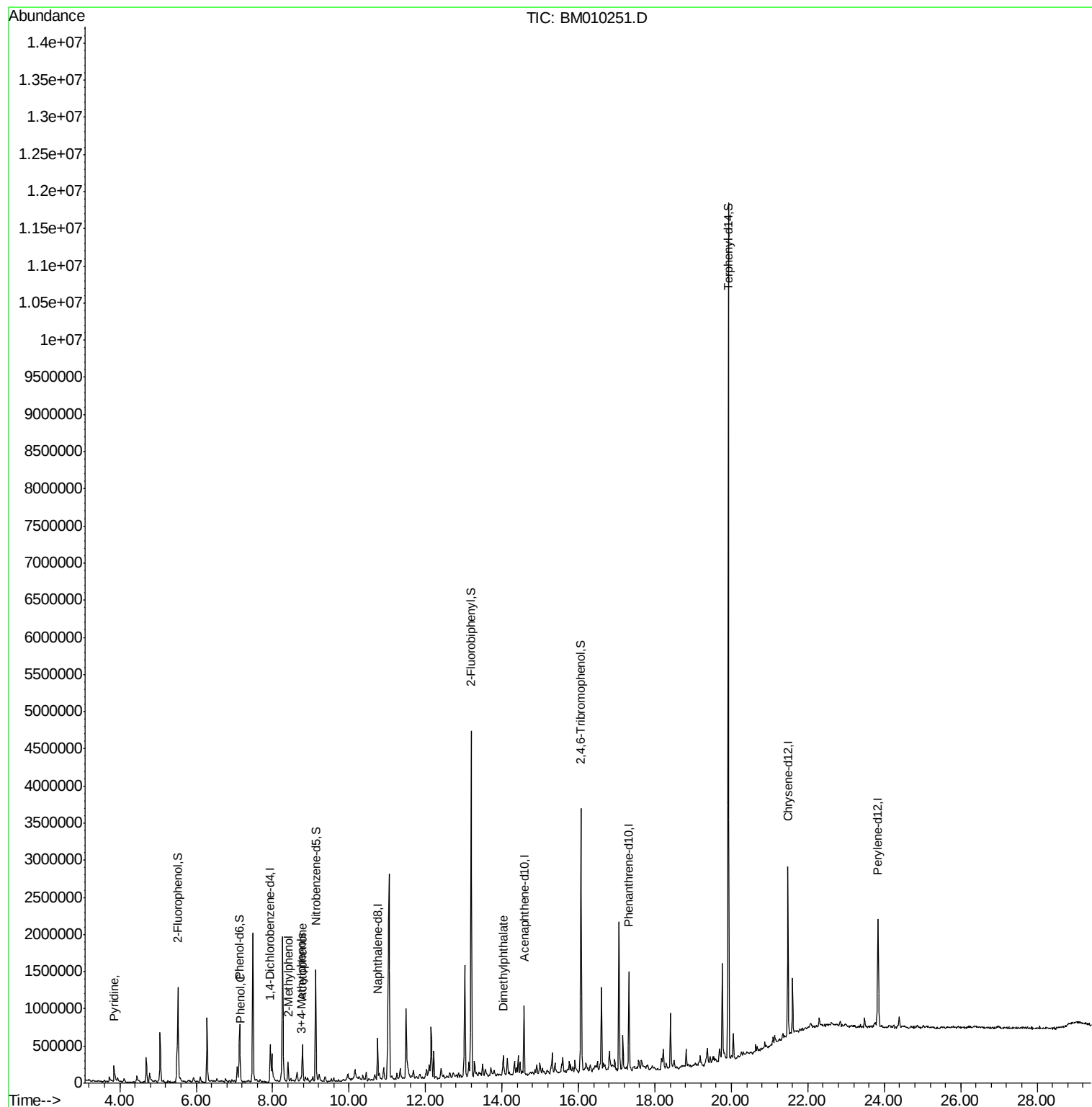
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	117702	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	413998	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	290337	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	758756	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	1092698	20.00	ng	-0.03
86) Perylene-d12	23.83	264	1150359	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	446609	68.52	ng	-0.03
7) Phenol-d6	7.13	99	372115	44.37	ng	-0.04
23) Nitrobenzene-d5	9.13	82	836786	109.05	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	631503	143.21	ng	-0.03
44) 2-Fluorobiphenyl	13.19	172	2190761	97.00	ng	-0.04
78) Terphenyl-d14	19.92	244	4297781	89.43	ng	-0.03
Target Compounds						Qvalue
3) Pyridine	3.85	79	149432	18.64	ng	89
10) Phenol	7.16	94	26367	2.98	ng	91
17) 2-Methylphenol	8.40	107	68658	10.92	ng	# 81
20) 3+4-Methylphenols	8.74	107	18894	2.22	ng	# 79
22) Acetophenone	8.77	105	232432	21.90	ng	# 96
49) Dimethylphthalate	14.03	163	111758	4.32	ng	# 98

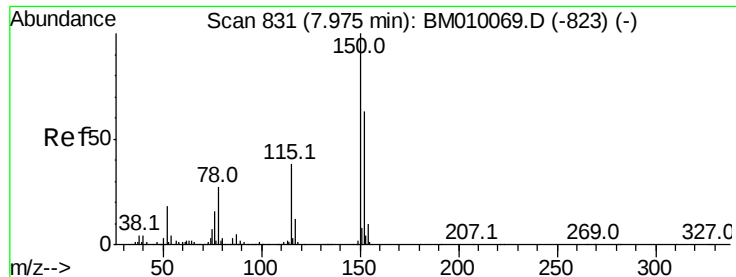
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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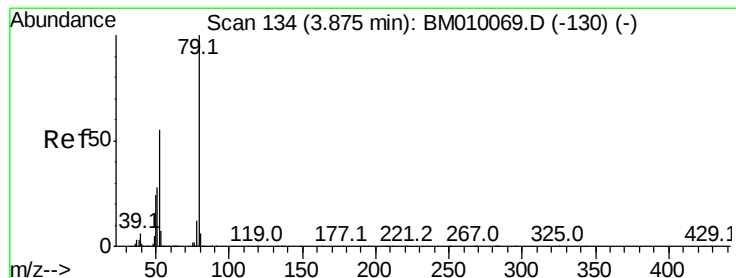
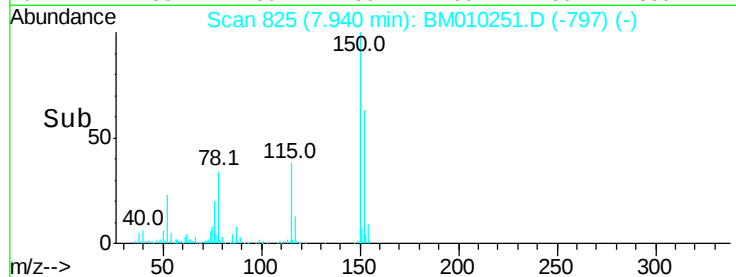
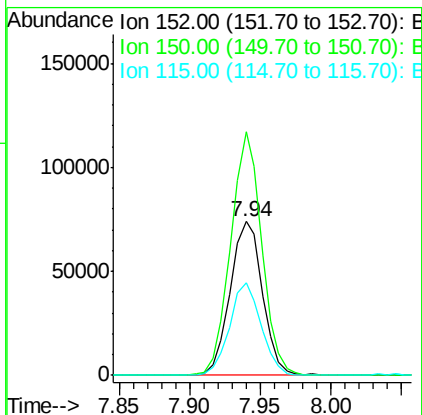
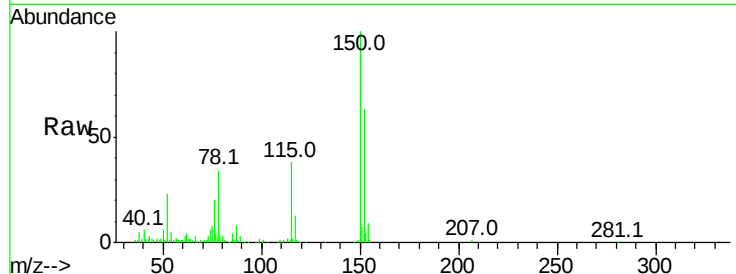


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

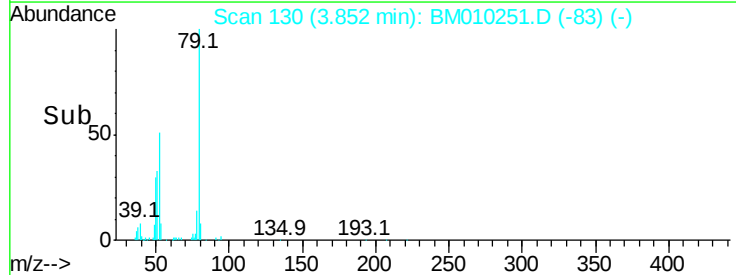
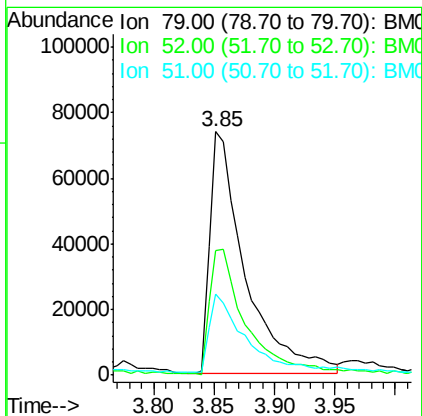
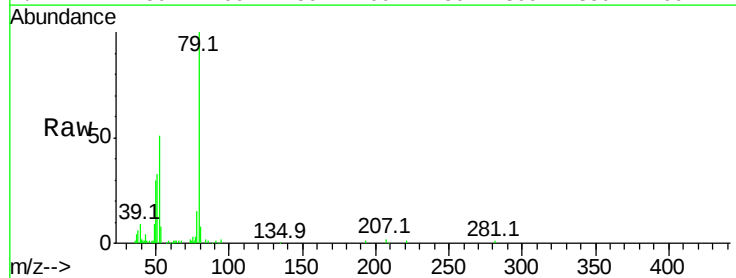
Tot Ion:152 Resp: 117702
Ion Ratio Lower Upper
152 100
150 158.7 119.5 179.3
115 60.3 43.0 64.4

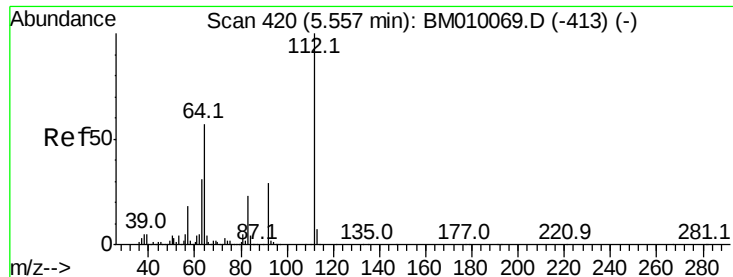


#3

Pyridine
Concen: 18.64 ng
RT: 3.85 min Scan# 130
Delta R.T. -0.02 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion: 79 Resp: 149432
Ion Ratio Lower Upper
79 100
52 51.1 51.1 76.7
51 33.3 26.1 39.1





#5

2-Fluorophenol

Concen: 68.52 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.03 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-COMP

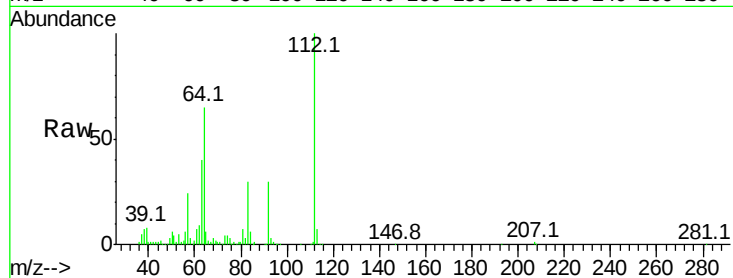
Tot Ion:112 Resp: 446609

Ion Ratio Lower Upper

112 100

64 65.3 38.6 57.8#

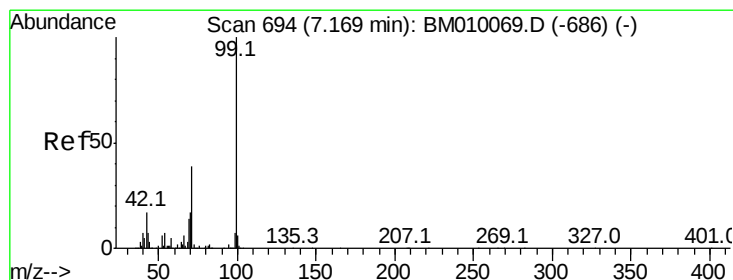
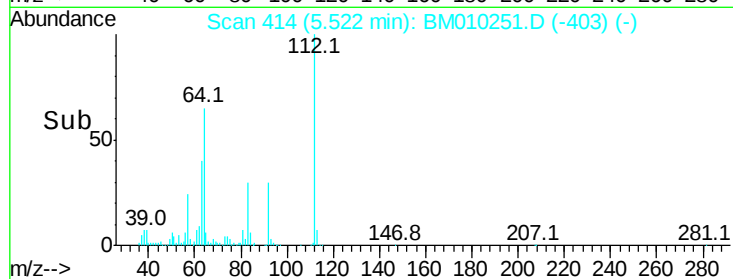
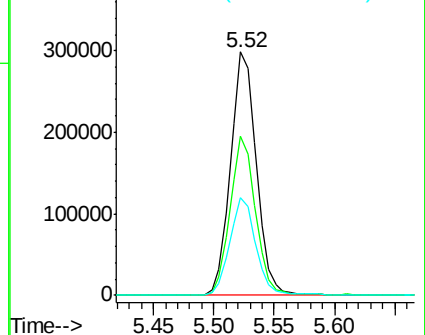
63 40.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BMO

Ion 63.00 (62.70 to 63.70): BMO



#7

Phenol-d6

Concen: 44.37 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

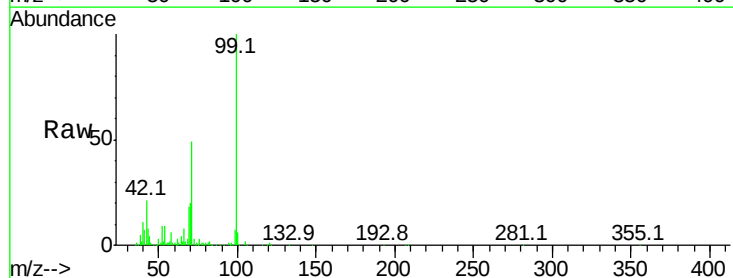
Tgt Ion: 99 Resp: 372115

Ion Ratio Lower Upper

99 100

42 21.0 11.0 16.4#

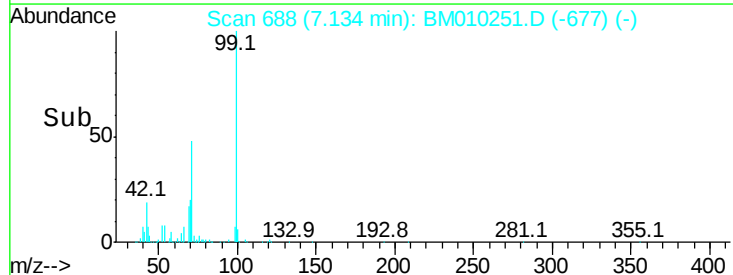
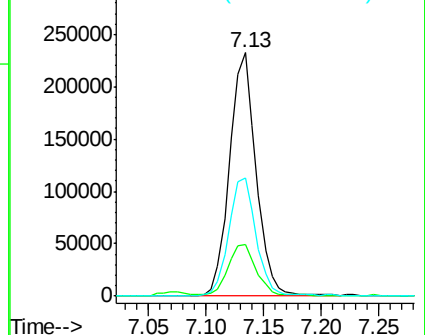
71 48.5 23.4 35.2#

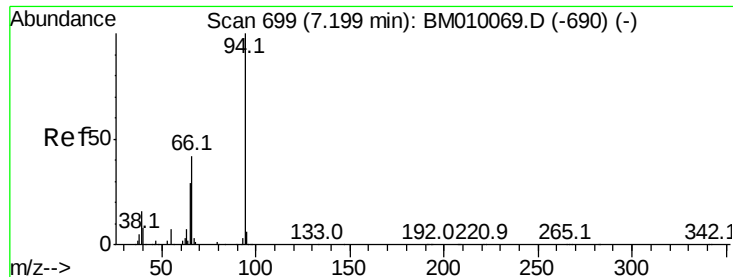


Abundance Ion 99.00 (98.70 to 99.70): BMO

Ion 42.00 (41.70 to 42.70): BMO

Ion 71.00 (70.70 to 71.70): BMO





#10

Phenol

Concen: 2.98 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.04 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-COMP

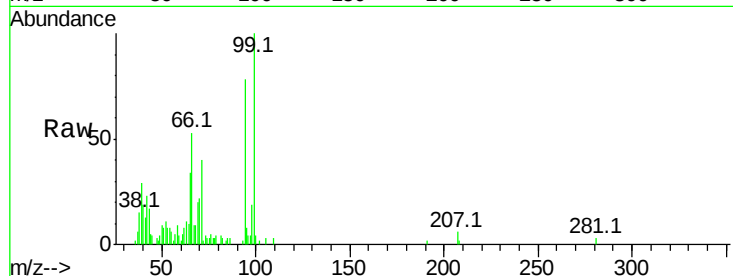
Tot Ion: 94 Resp: 26367

Ion Ratio Lower Upper

94 100

65 43.2 18.8 58.8

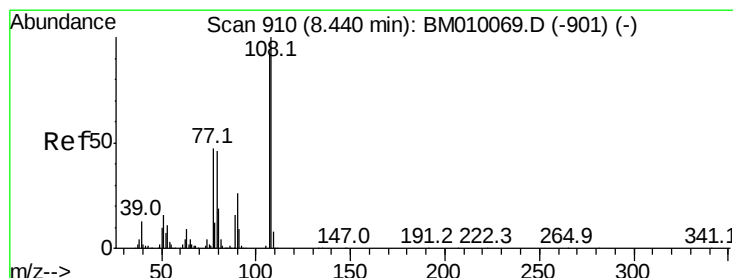
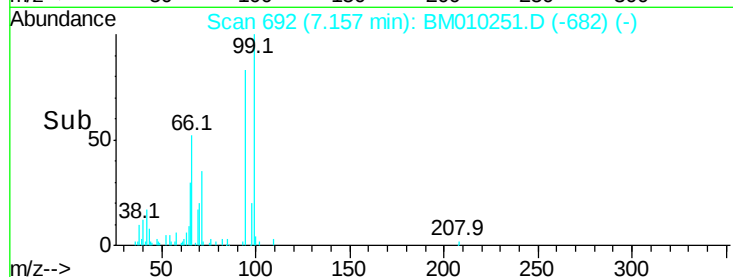
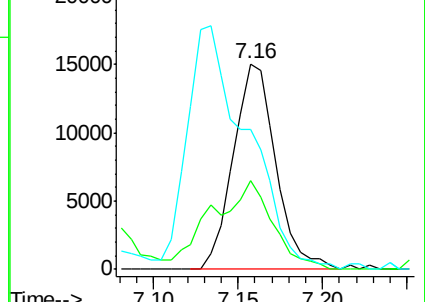
66 67.9 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)



#17

2-Methylphenol

Concen: 10.92 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.04 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Tgt Ion: 107 Resp: 68658

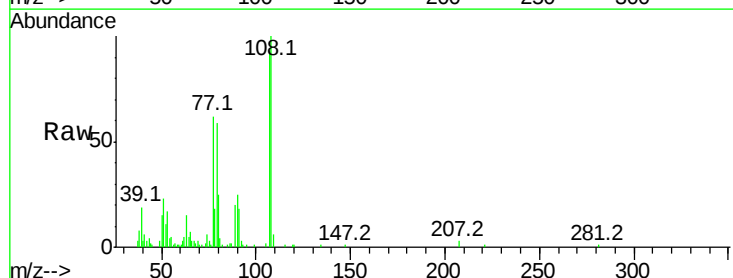
Ion Ratio Lower Upper

107 100

108 107.6 89.8 134.8

77 66.5 32.6 48.8#

79 63.1 32.8 49.2#

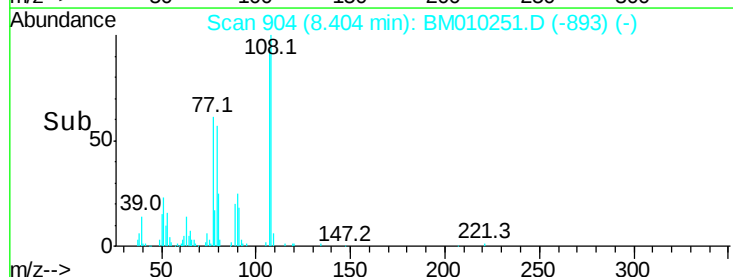
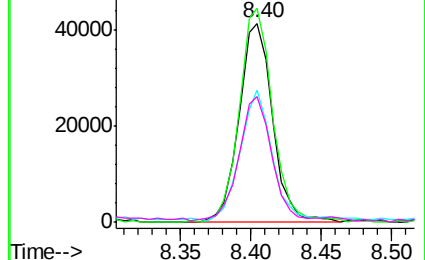


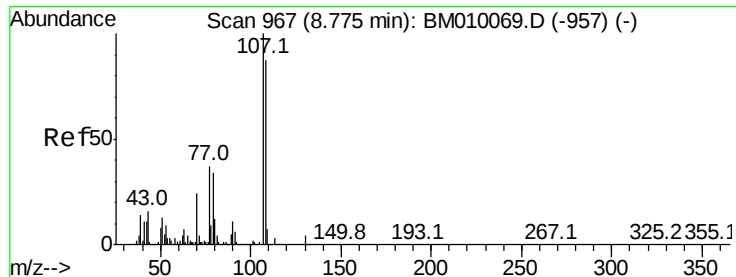
Abundance Ion 107.00 (106.70 to 107.70): BM010069.D (-901) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM010069.D (-901) (-)





#20

3+4-Methylphenols

Concen: 2.22 ng

RT: 8.74 min Scan# 961

Delta R.T. -0.04 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-COMP

Tot Ion:107 Resp: 18894

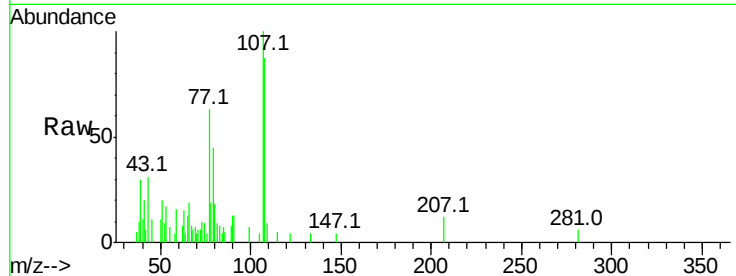
Ion Ratio Lower Upper

107 100

108 87.4 73.2 113.2

77 63.1 10.7 50.7#

79 45.4 9.6 49.6

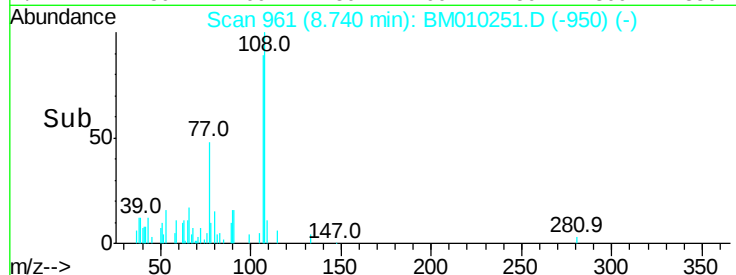


Abundance Ion 107.00 (106.70 to 107.70): E

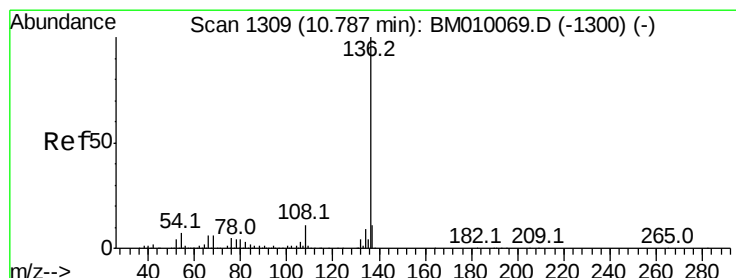
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Tgt Ion:136 Resp: 413998

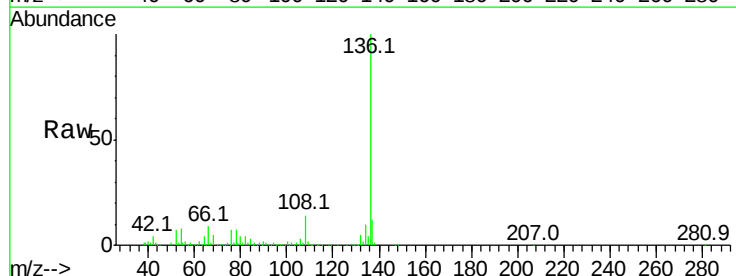
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 7.7 4.6 6.8#

68 4.9 3.7 5.5

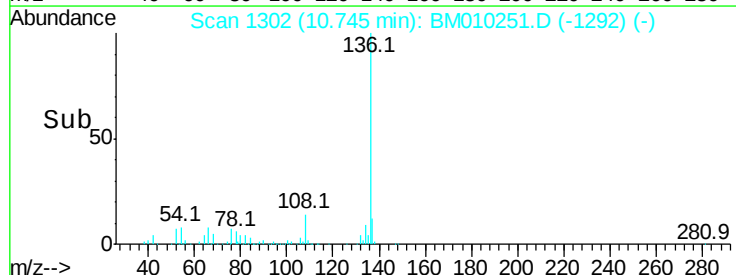


Abundance Ion 136.00 (135.70 to 136.70): E

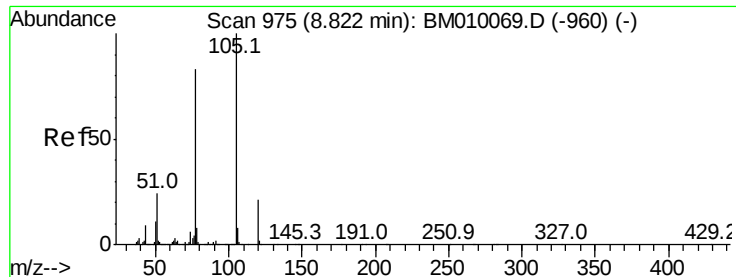
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



Time-->



#22

Acetophenone

Concen: 21.90 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.05 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-COMP

Tot Ion:105 Resp: 232432

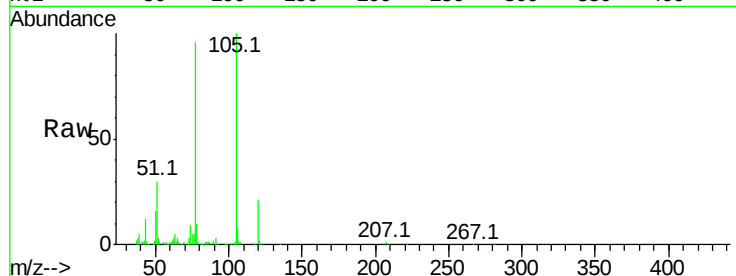
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 29.9 21.6 32.4

120 21.1 16.1 24.1

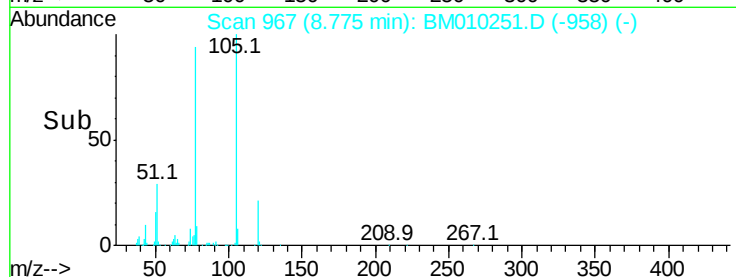


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



Abundance

8.77

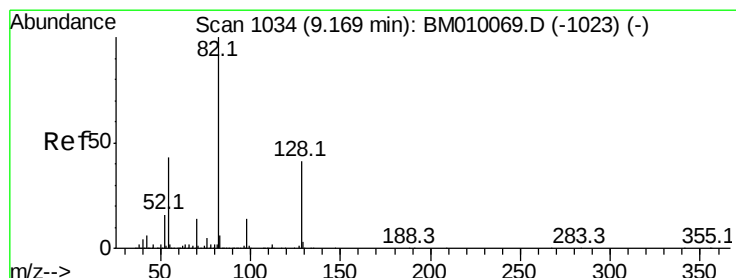
150000

100000

50000

0

Time-->



#23

Nitrobenzene-d5

Concen: 109.05 ng

RT: 9.13 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

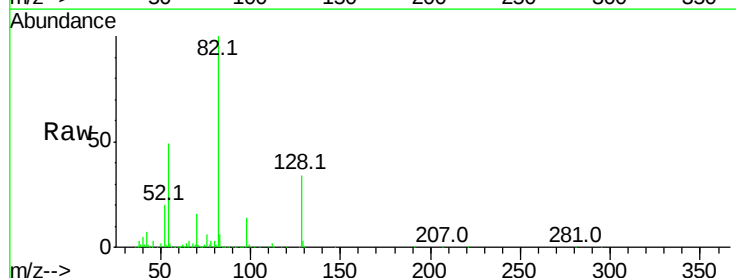
Tgt Ion: 82 Resp: 836786

Ion Ratio Lower Upper

82 100

128 34.0 32.8 49.2

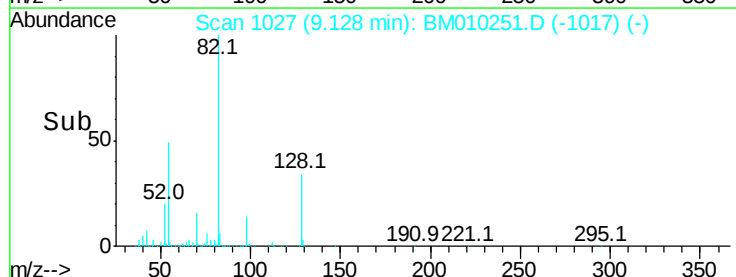
54 49.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0



Abundance

9.13

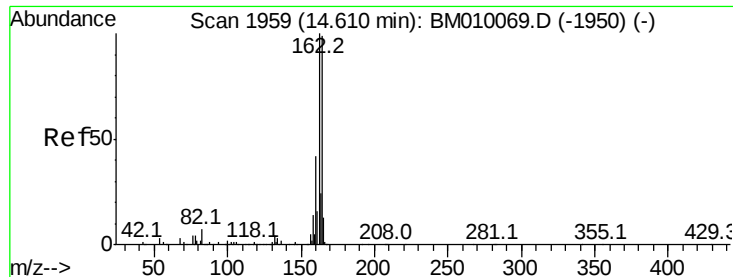
600000

400000

200000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Instrument :

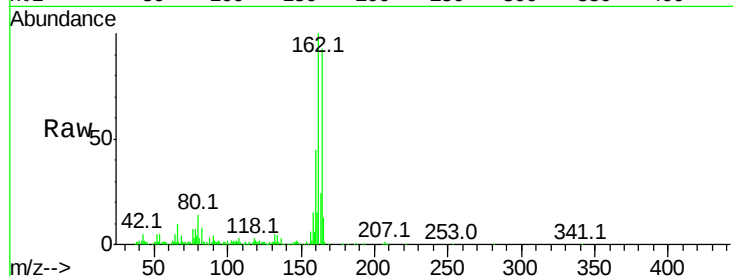
BNA_M

ClientSampleId :

DRUM-1-DRUM-2-COMP

Tot Ion:164 Resp: 290337

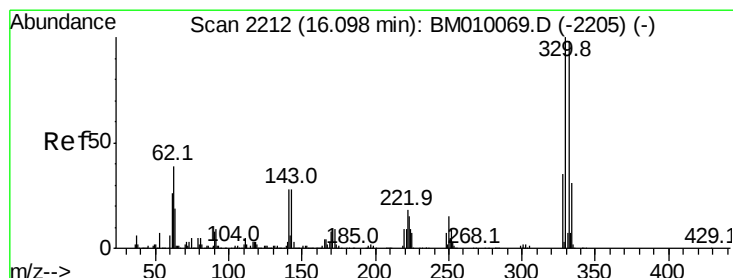
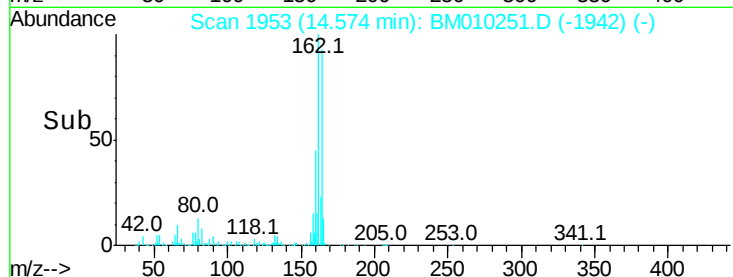
Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.4	123.6
160	47.7	35.8	53.6



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: 143.21 ng

RT: 16.07 min Scan# 2207

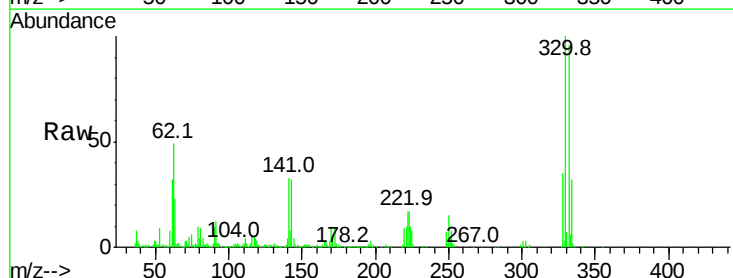
Delta R.T. -0.03 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Tgt Ion:330 Resp: 631503

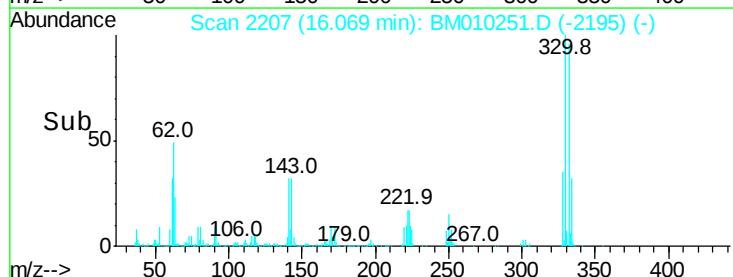
Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	35.0	0.0	0.0#

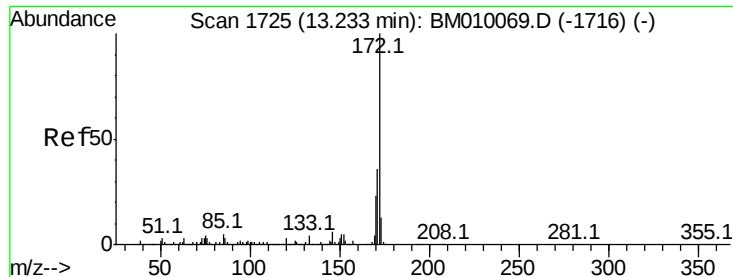


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

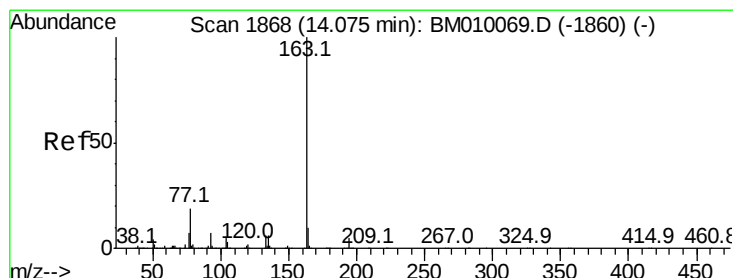
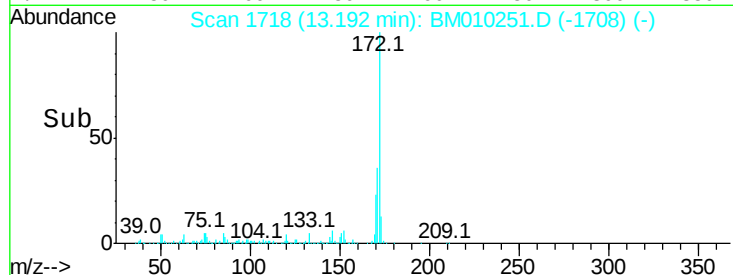
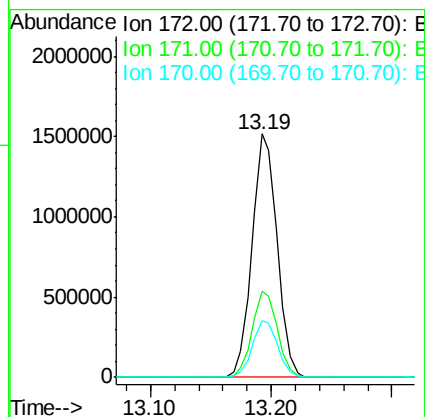
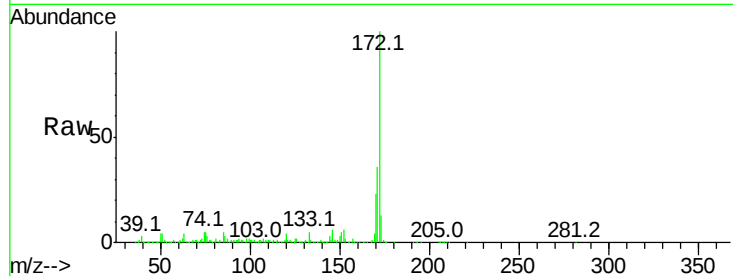




#44
2-Fluorobiphenyl
Concen: 97.00 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

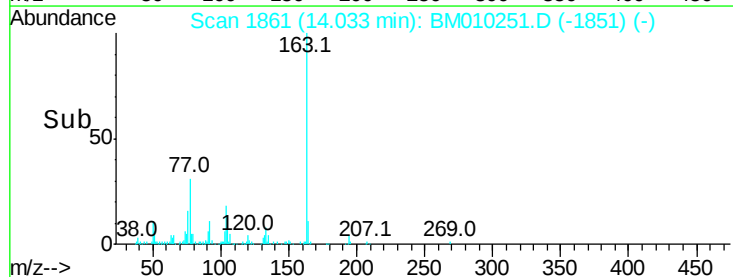
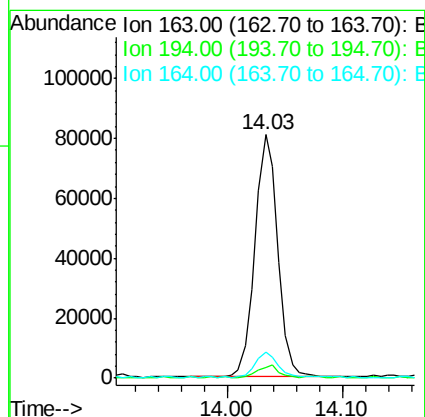
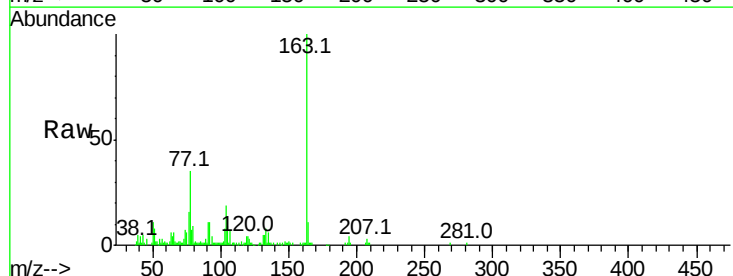
Instrument :
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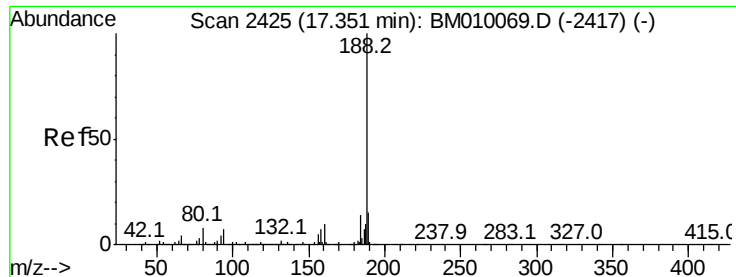
Tot Ion:172 Resp: 2190761
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.4 18.8 28.2



#49
Dimethylphthalate
Concen: 4.32 ng
RT: 14.03 min Scan# 1861
Delta R.T. -0.04 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion:163 Resp: 111758
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.8 8.2 12.2

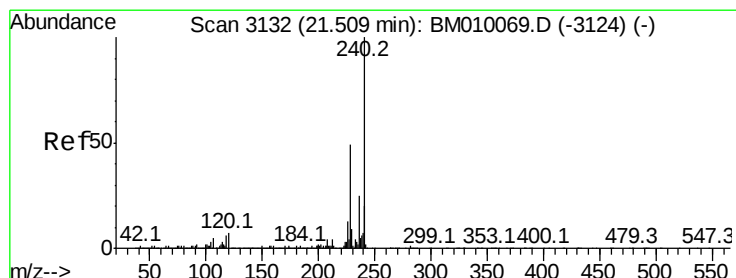
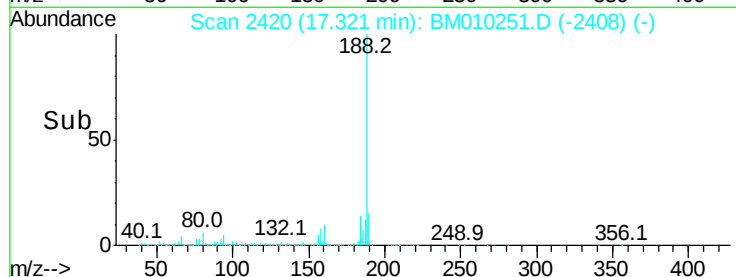
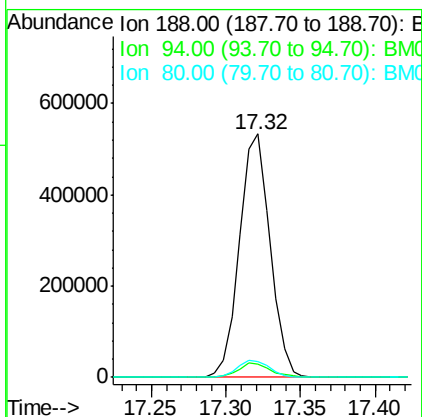
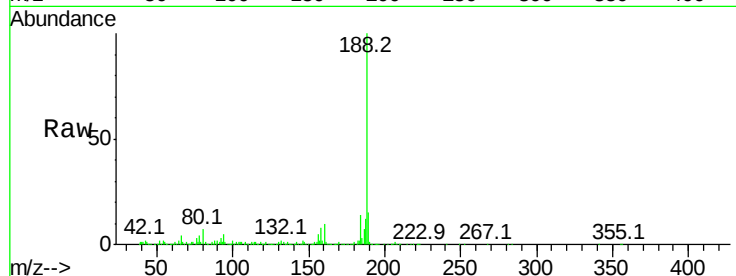




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

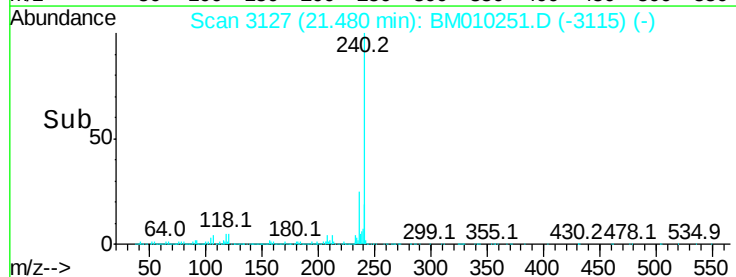
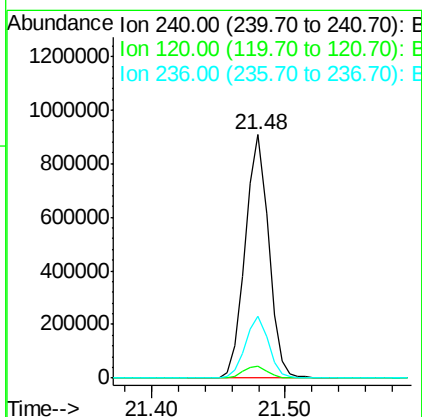
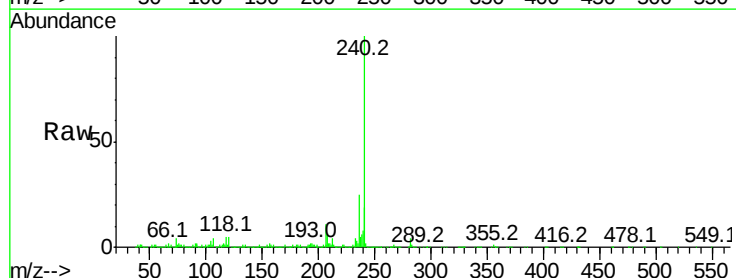
Instrument :
BNA_M
ClientSampleId :
DRUM-1-DRUM-2-COMP

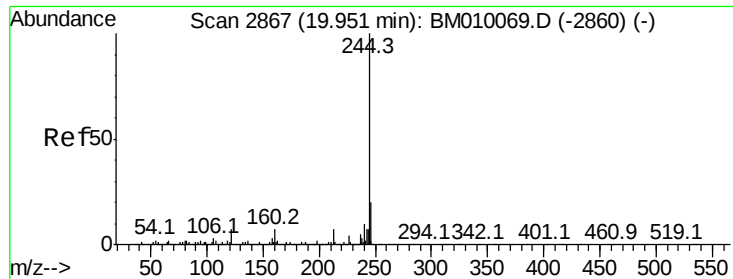
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	6.7	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010251.D
Acq: 26 May 2017 11:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	8.2	12.2#
236	25.4	20.0	30.0





#78

Terphenyl-d14

Concen: 89.43 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-COMP

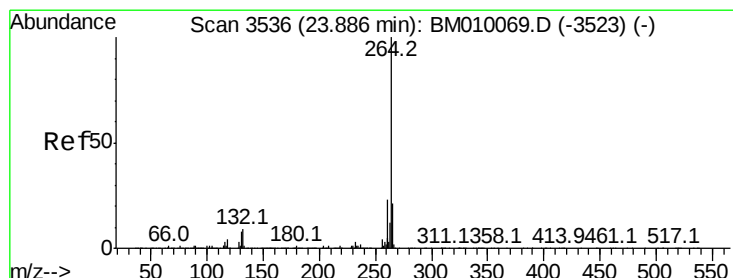
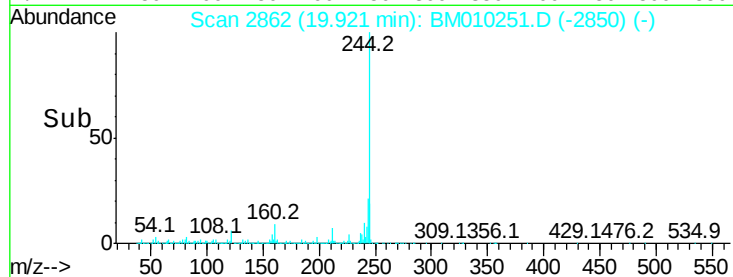
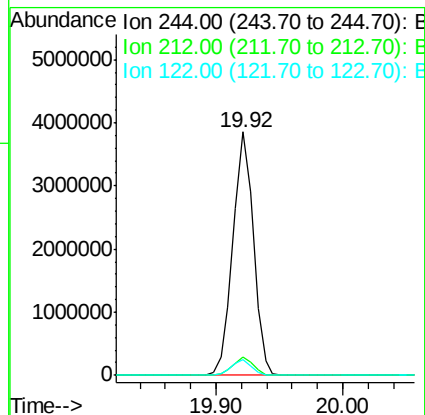
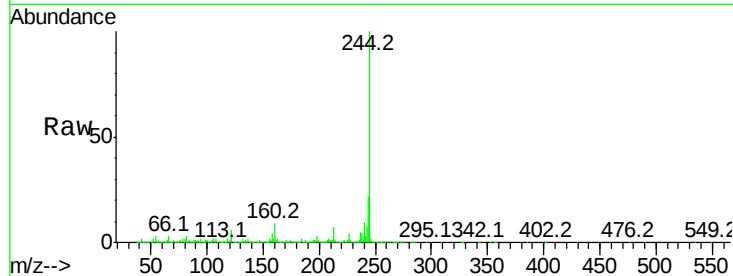
Tot Ion:244 Resp: 4297781

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

122 6.5 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.83 min Scan# 3527

Delta R.T. -0.05 min

Lab File: BM010251.D

Acq: 26 May 2017 11:35

Tgt Ion:264 Resp: 1150359

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.0 17.3 25.9

