

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010117.D
 Acq On : 22 May 2017 23:59
 Operator : SJ/MA
 Sample : I3221-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-06

Quant Time: May 23 06:37:32 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

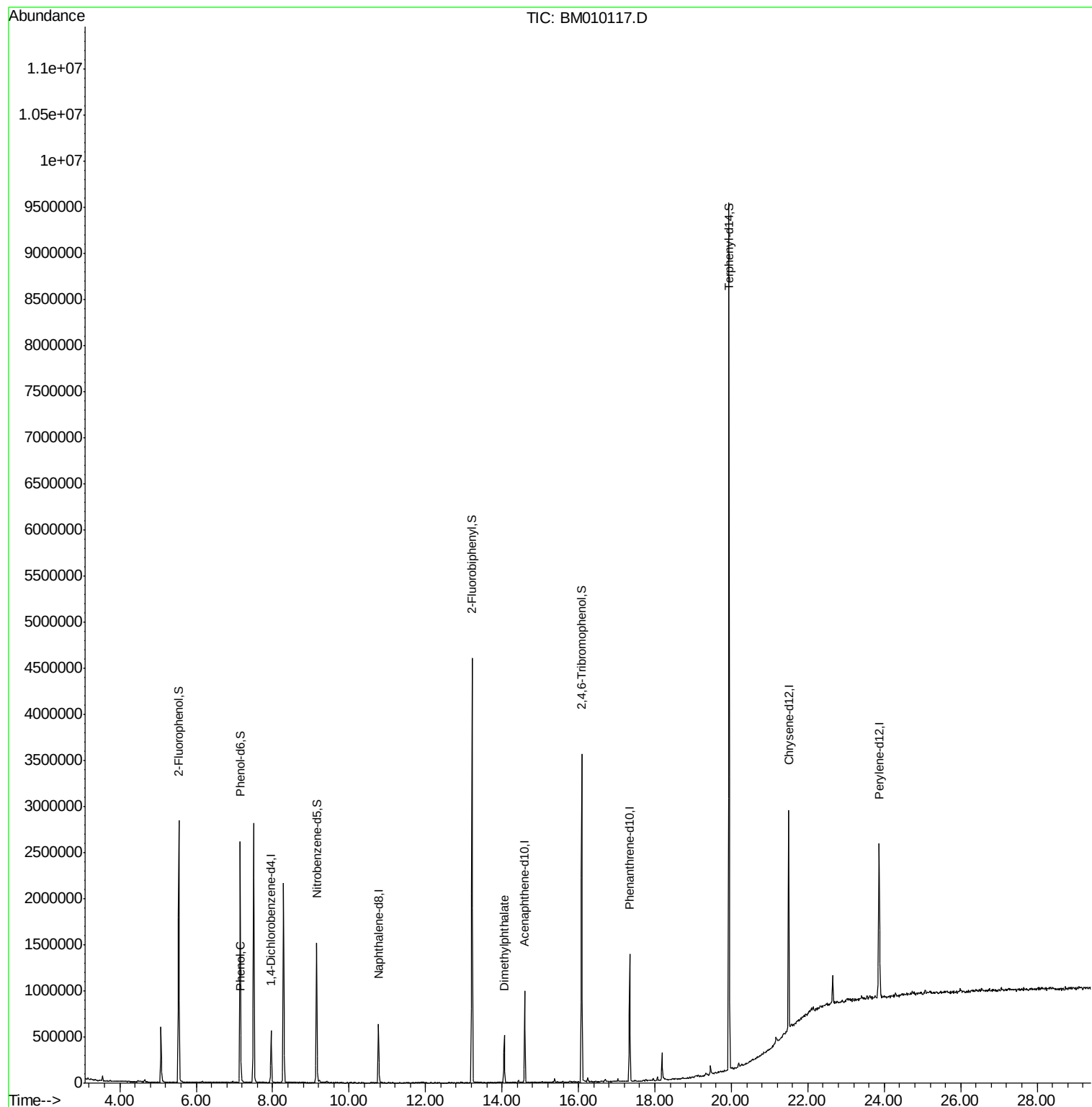
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	143734	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	484437	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	308695	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	781368	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1193336	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1349172	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1063566	133.62	ng	-0.01
7) Phenol-d6	7.15	99	1309050	127.81	ng	-0.02
23) Nitrobenzene-d5	9.15	82	844938	94.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	639902	136.49	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	2145452	89.35	ng	-0.02
78) Terphenyl-d14	19.94	244	3829962	72.98	ng	-0.01
Target Compounds						
10) Phenol	7.17	94	25487	2.36	ng	Qvalue 90
49) Dimethylphthalate	14.06	163	309899	11.25	ng	# 99

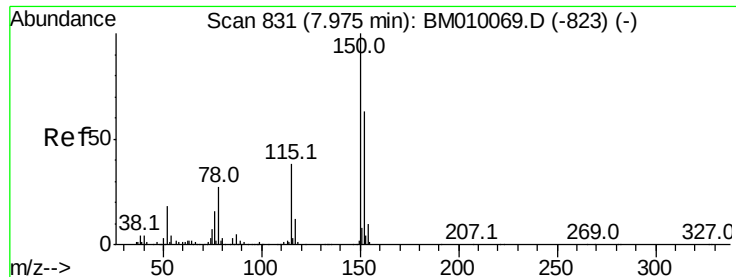
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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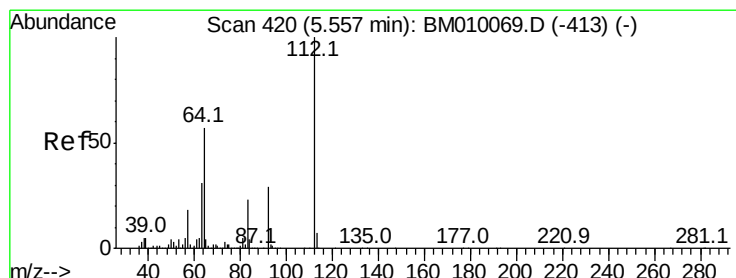
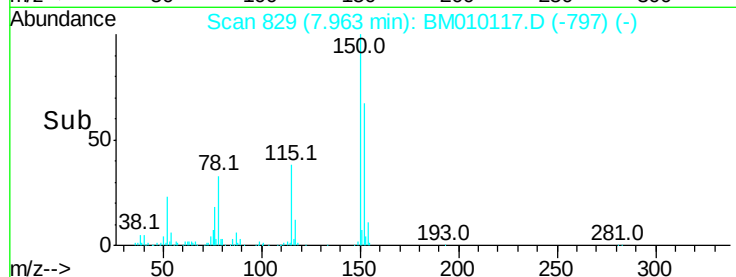
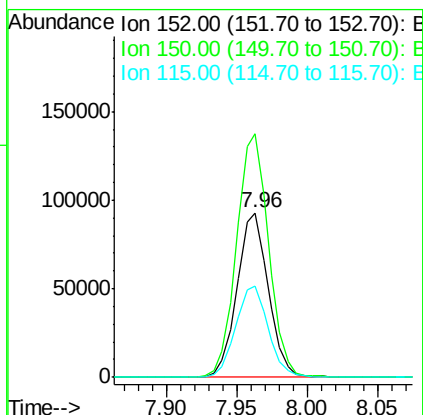
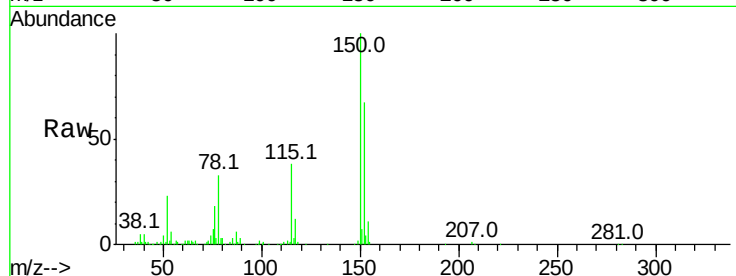


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010117.D
Acq: 22 May 2017 23:59

Instrument :
BNA_M
ClientSampleId :
EX-06

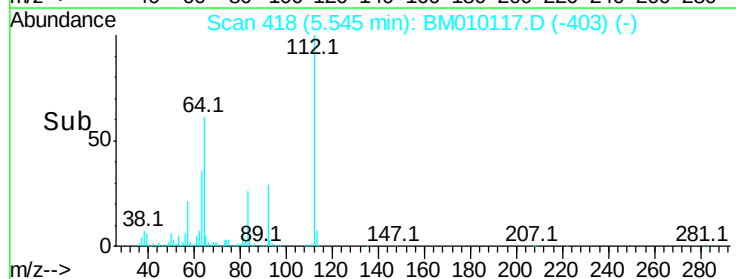
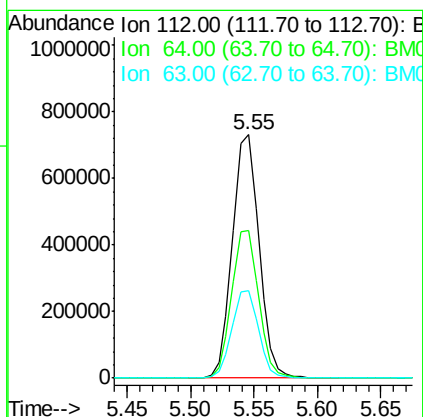
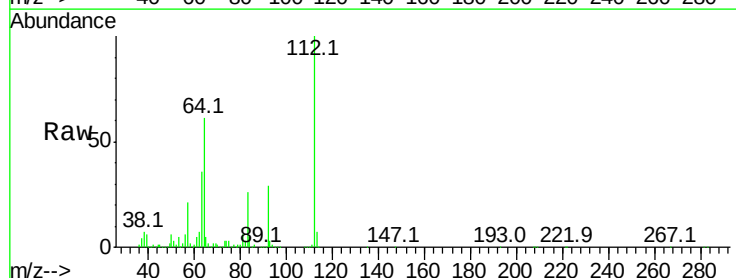
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.5	179.3
115	55.9	43.0	64.4

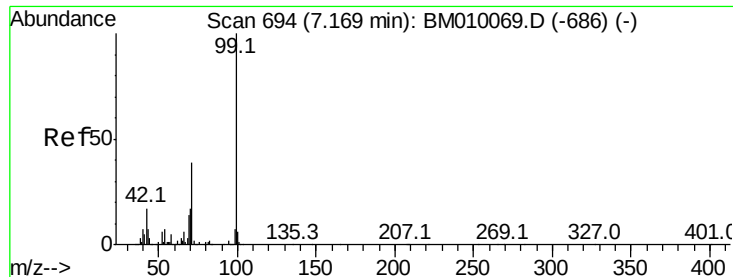


#5

2-Fluorophenol
Concen: 133.62 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010117.D
Acq: 22 May 2017 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	38.6	57.8#
63	36.1	19.3	28.9#





#7

Phenol-d6

Concen: 127.81 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010117.D

Acq: 22 May 2017 23:59

Instrument :

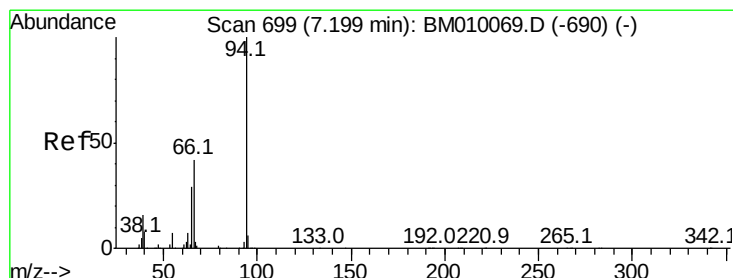
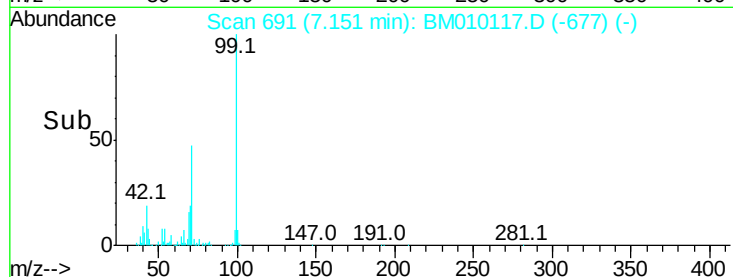
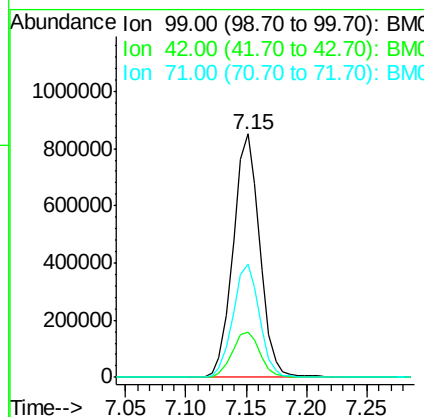
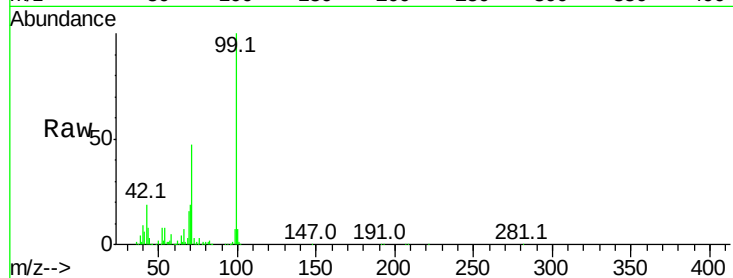
BNA_M

ClientSampled :

EX-06

Tot Ion: 99 Resp: 1309050

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.0	16.4#
71	46.5	23.4	35.2#



#10

Phenol

Concen: 2.36 ng

RT: 7.17 min Scan# 695

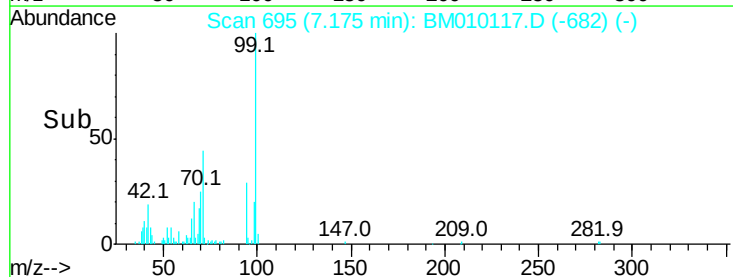
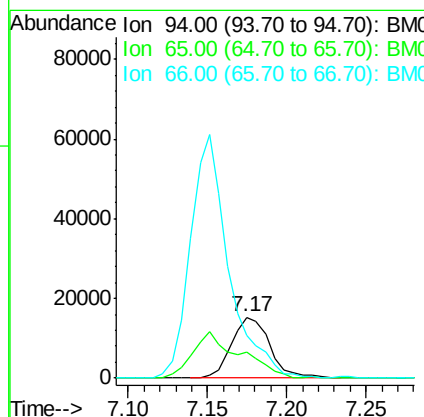
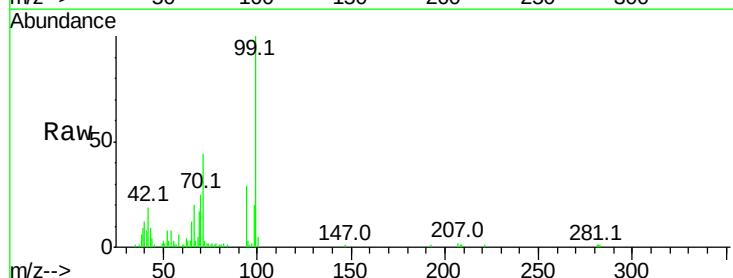
Delta R.T. -0.02 min

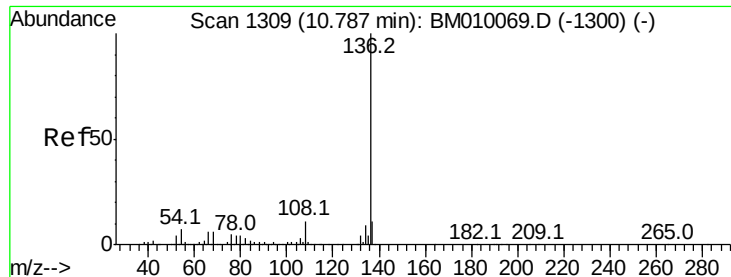
Lab File: BM010117.D

Acq: 22 May 2017 23:59

Tgt Ion: 94 Resp: 25487

Ion	Ratio	Lower	Upper
94	100		
65	42.4	18.8	58.8
66	69.2	39.9	79.9

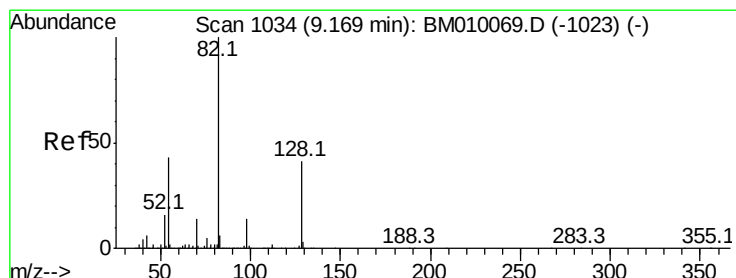
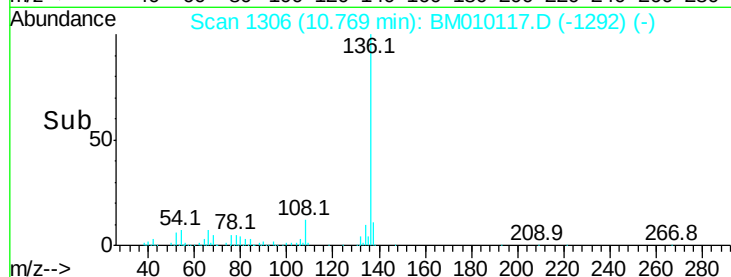
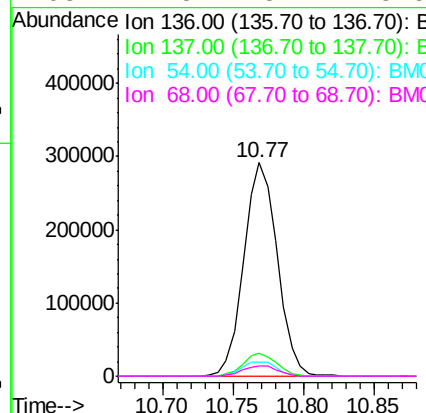
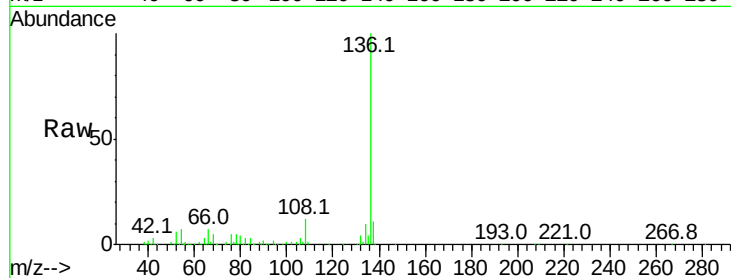




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010117.D
Acq: 22 May 2017 23:59

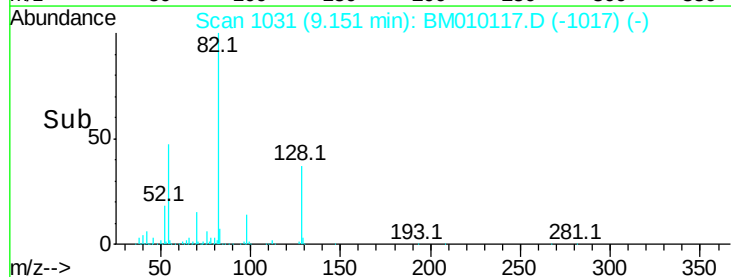
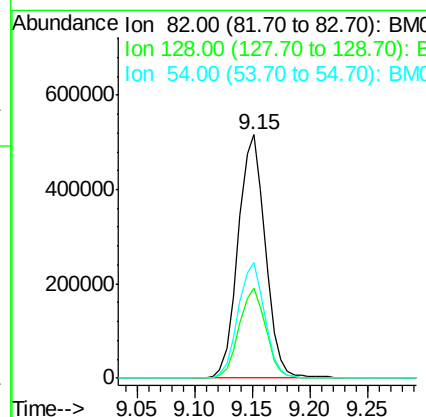
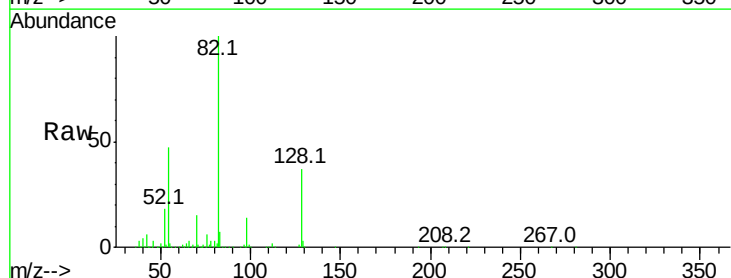
Instrument :
BNA_M
ClientSampleId :
EX-06

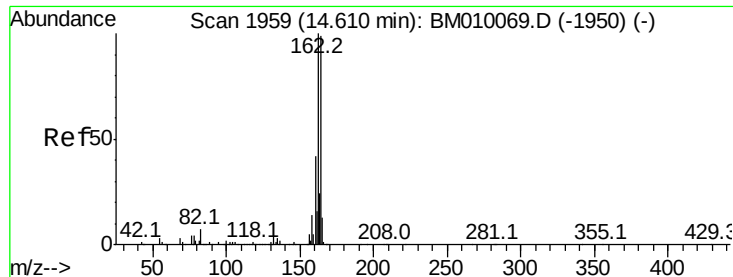
Tot Ion:136	Resp:	484437	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.7	13.1	
54 6.8	4.6	6.8	
68 4.8	3.7	5.5	



#23
Nitrobenzene-d5
Concen: 94.10 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010117.D
Acq: 22 May 2017 23:59

Tgt	Ion: 82	Resp:	844938
Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.8	49.2
54	47.3	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: BM010117.D

Acq: 22 May 2017 23:59

Instrument :

BNA_M

ClientSampleId :

EX-06

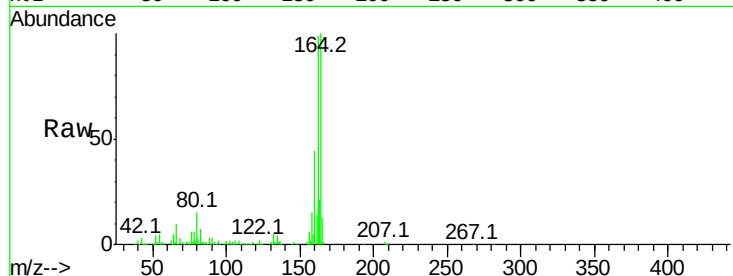
Tot Ion:164 Resp: 308695

Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.4	123.6
160	43.6	35.8	53.6

164 100

162 99.0 82.4 123.6

160 43.6 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

14.59

200000

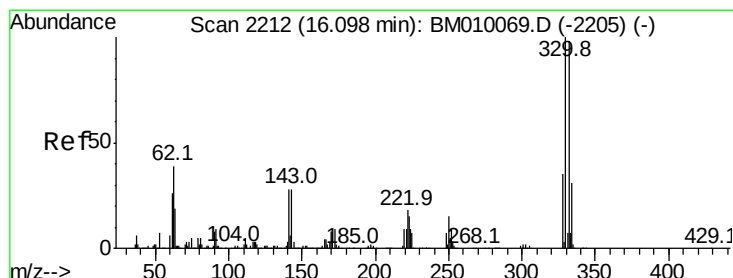
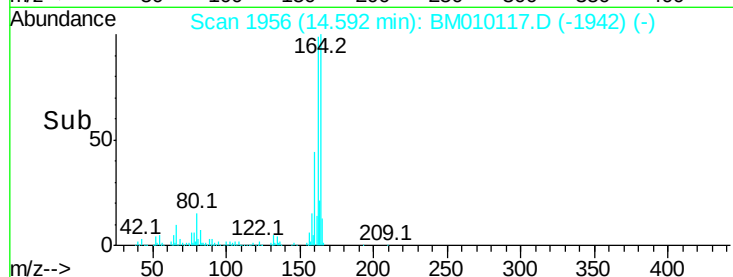
150000

100000

50000

0

Time--> 14.50 14.60



#41

2,4,6-Tribromophenol

Concen: 136.49 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010117.D

Acq: 22 May 2017 23:59

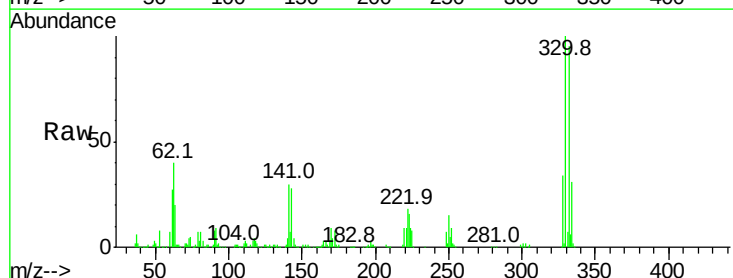
Tgt Ion:330 Resp: 639902

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	31.5	0.0	0.0#

330 100

332 94.9 0.0 0.0#

141 31.5 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

16.09

600000

500000

400000

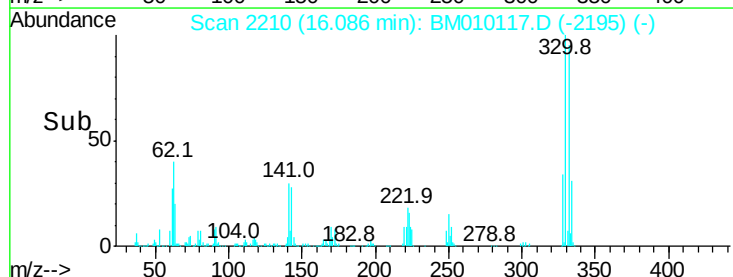
300000

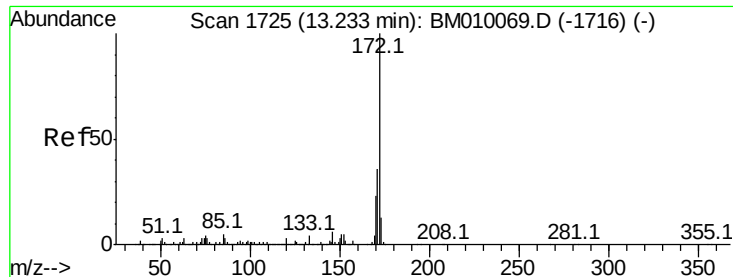
200000

100000

0

Time--> 16.00 16.10

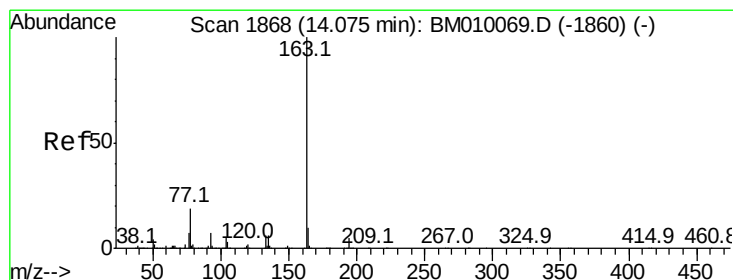
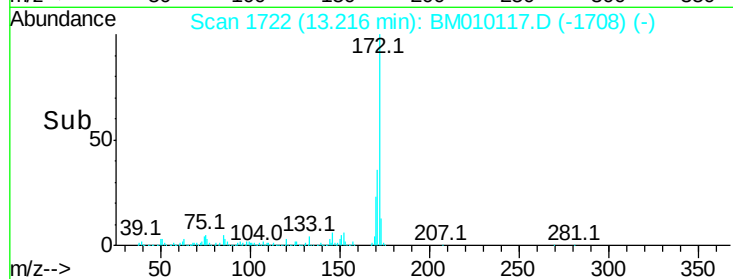
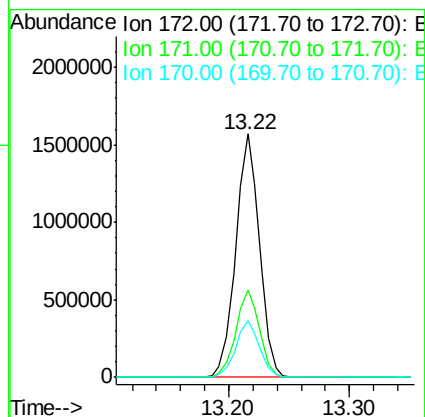
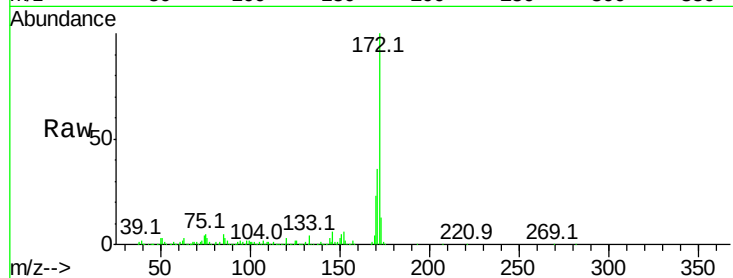




#44
2-Fluorobiphenyl
Concen: 89.35 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010117.D
Acq: 22 May 2017 23:59

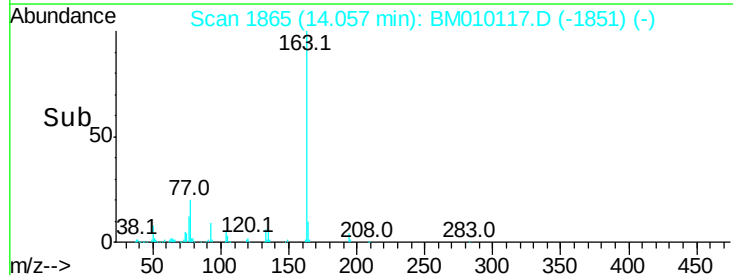
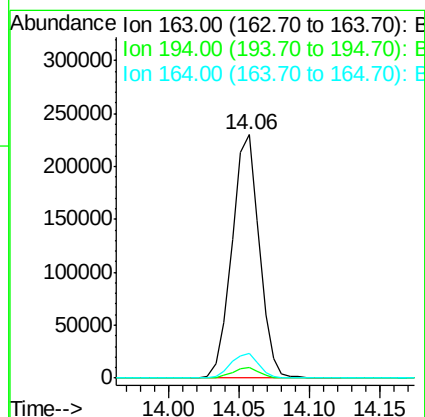
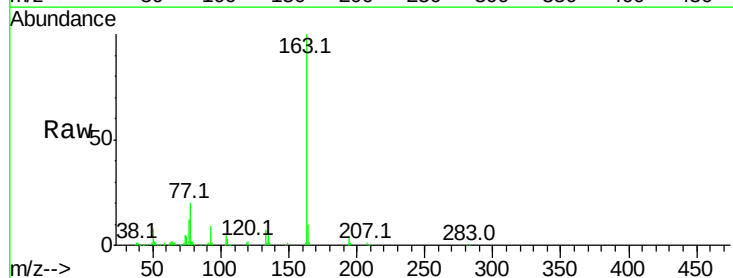
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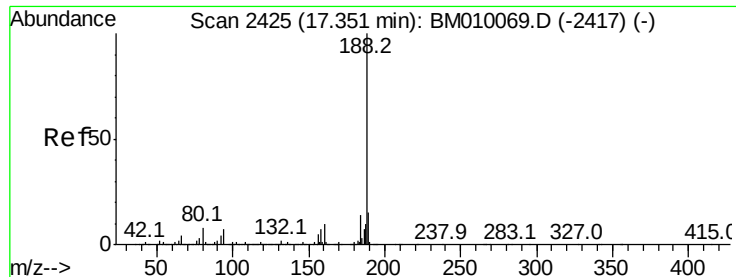
Tot Ion:172 Resp: 2145452
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.2 18.8 28.2



#49
Dimethylphthalate
Concen: 11.25 ng
RT: 14.06 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BM010117.D
Acq: 22 May 2017 23:59

Tgt Ion:163 Resp: 309899
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.9 8.2 12.2

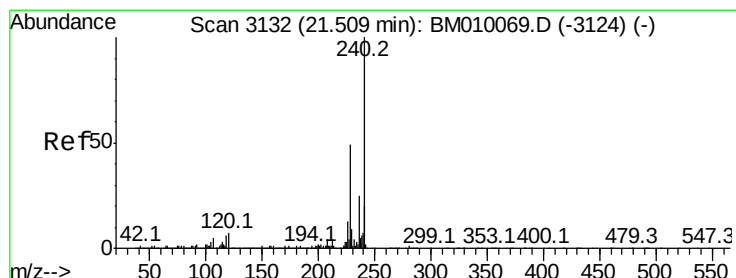
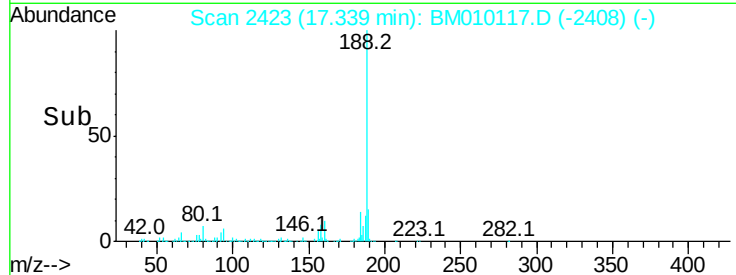
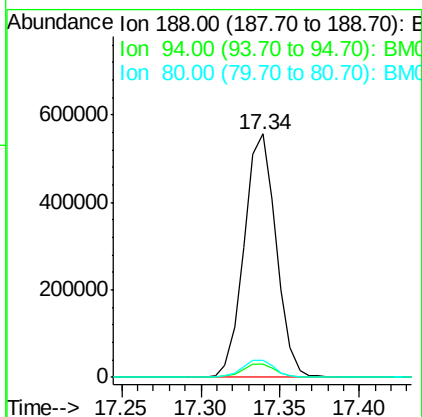
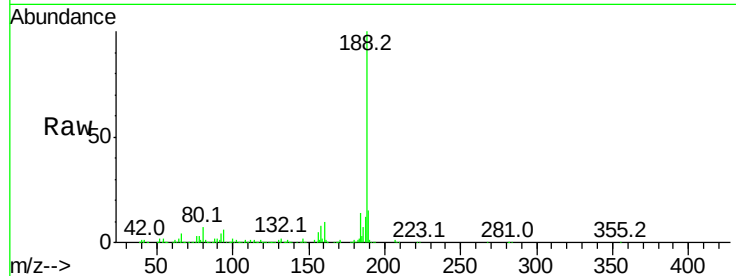




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010117.D
Acq: 22 May 2017 23:59

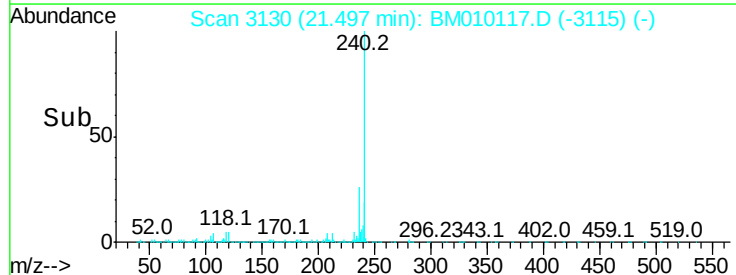
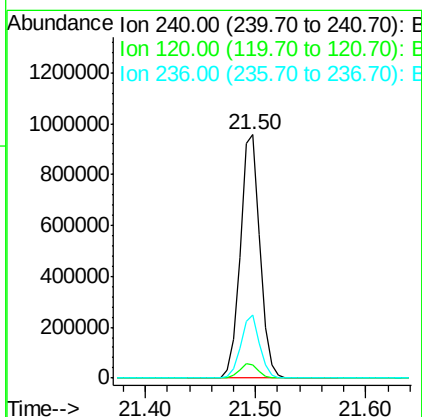
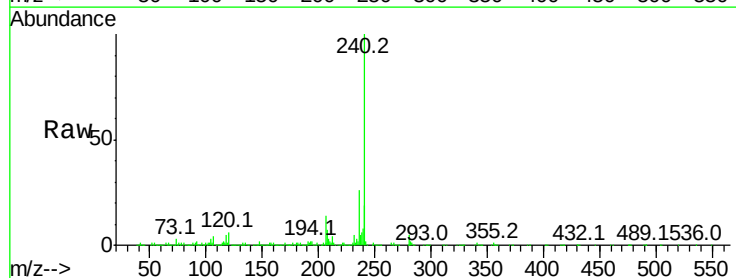
Instrument :
BNA_M
ClientSampleId :
EX-06

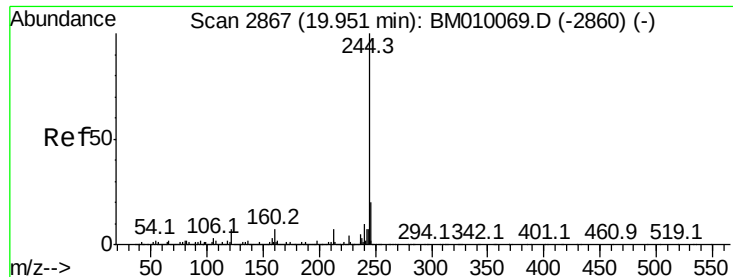
Tot Ion:188 Resp: 781368
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 6.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010117.D
Acq: 22 May 2017 23:59

Tgt Ion:240 Resp: 1193336
Ion Ratio Lower Upper
240 100
120 5.6 8.2 12.2#
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 72.98 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010117.D

Acq: 22 May 2017 23:59

Instrument :

BNA_M

ClientSampleId :

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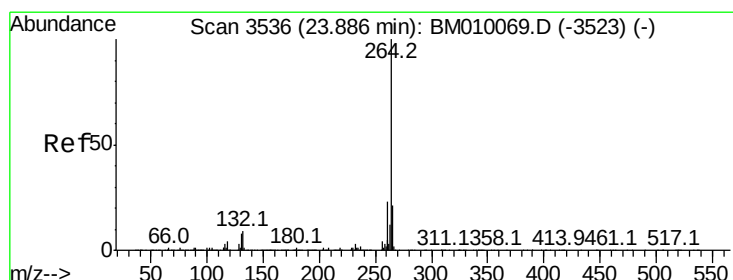
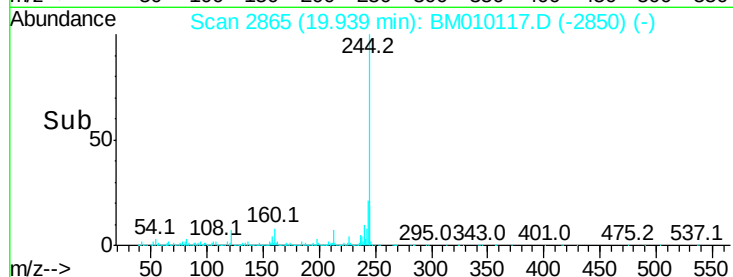
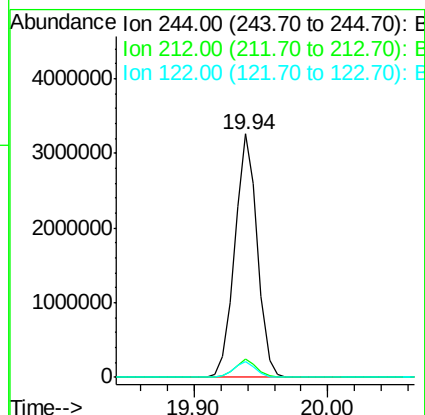
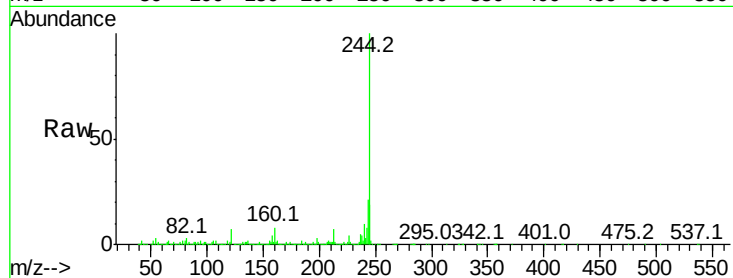
Tot Ion:244 Resp: 3829962

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

122 6.6 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BM010117.D

Acq: 22 May 2017 23:59

Tgt Ion:264 Resp: 1349172

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.0 17.3 25.9

