

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010178.D
 Acq On : 24 May 2017 13:39
 Operator : SJ/MA
 Sample : PB99207BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99207BL

Quant Time: May 25 06:34:49 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	144732	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	469287	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	283169	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	635824	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	951504	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1132824	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1106673	138.08	ng	-0.02
7) Phenol-d6	7.14	99	1313989	127.41	ng	-0.03
23) Nitrobenzene-d5	9.14	82	865886	99.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	540203	125.61	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2129250	96.67	ng	-0.03
78) Terphenyl-d14	19.93	244	3181419	76.03	ng	-0.02

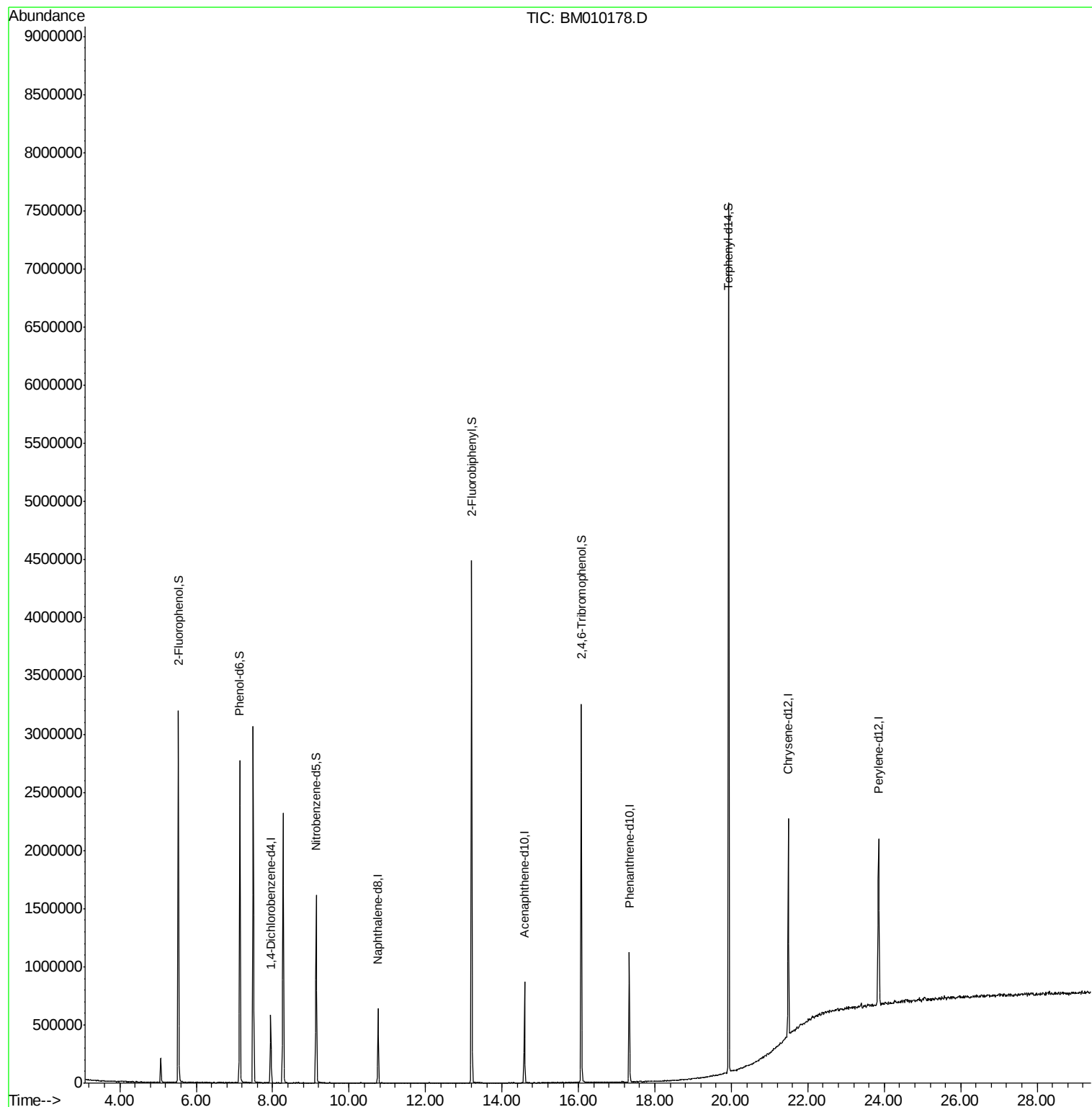
Target Compounds Qvalue

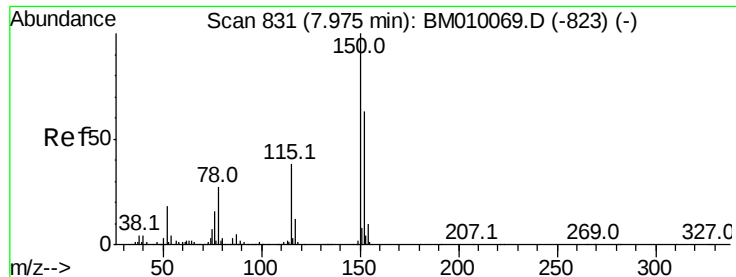
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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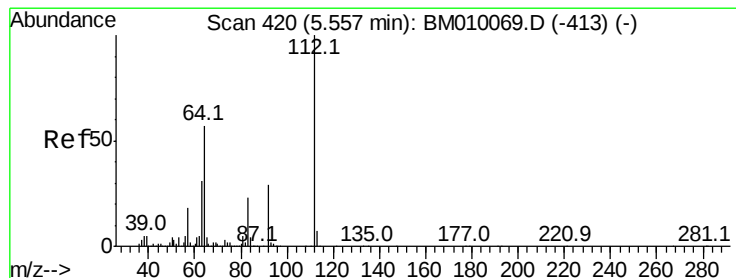
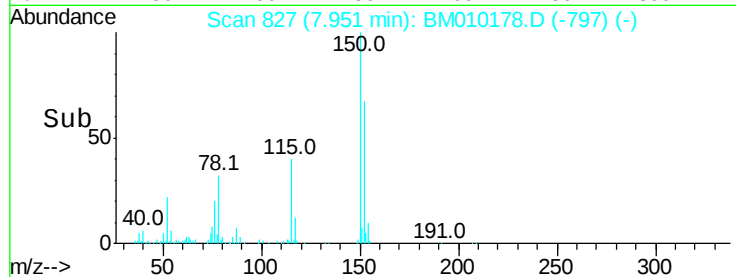
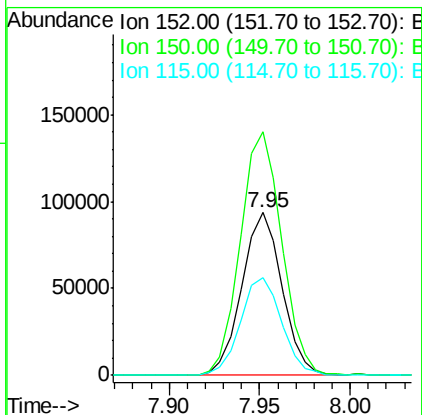
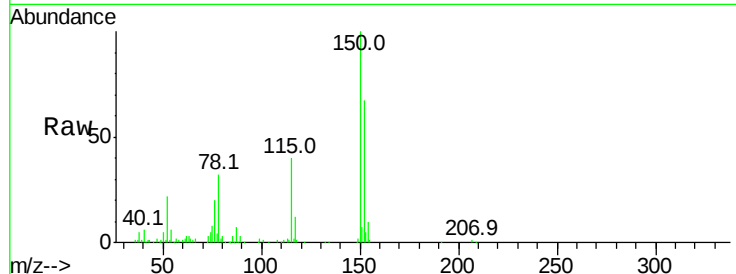


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010178.D
Acq: 24 May 2017 13:39

Instrument :
BNA_M
ClientSampleId :
PB99207BL

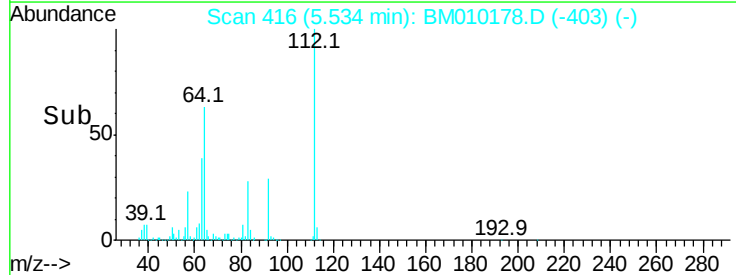
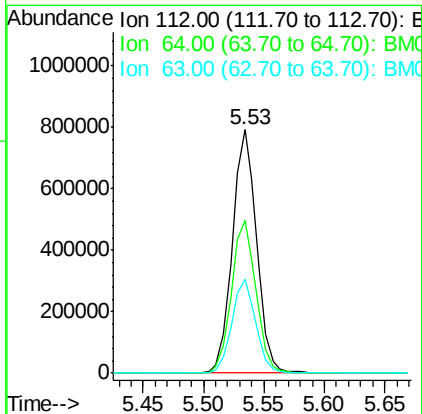
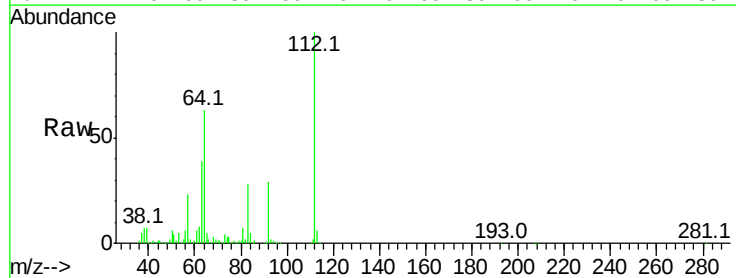
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	60.4	43.0	64.4



#5

2-Fluorophenol
Concen: 138.08 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010178.D
Acq: 24 May 2017 13:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	38.6	57.8#
63	38.5	19.3	28.9#





#7

Phenol-d6

Concen: 127.41 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010178.D

Acq: 24 May 2017 13:39

Instrument :

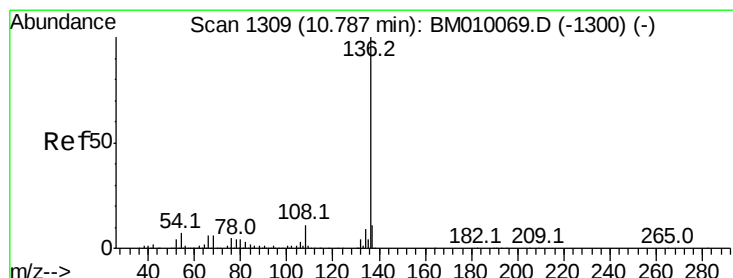
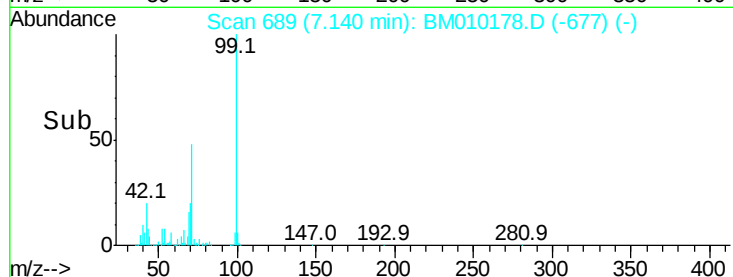
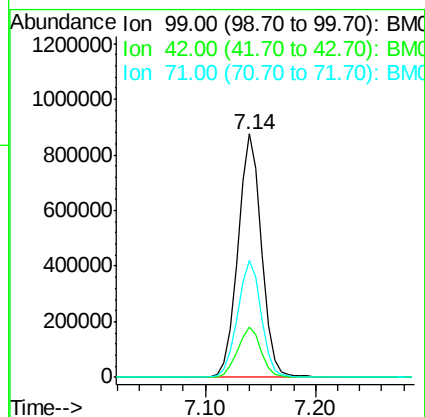
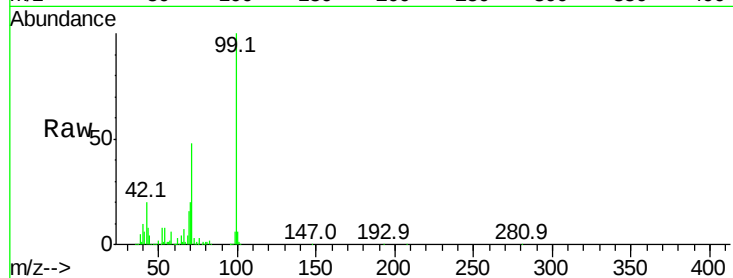
BNA_M

ClientSampleId :

PB99207BL

Tot Ion: 99 Resp: 1313989

Ion	Ratio	Lower	Upper
99	100		
42	20.4	11.0	16.4#
71	48.1	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

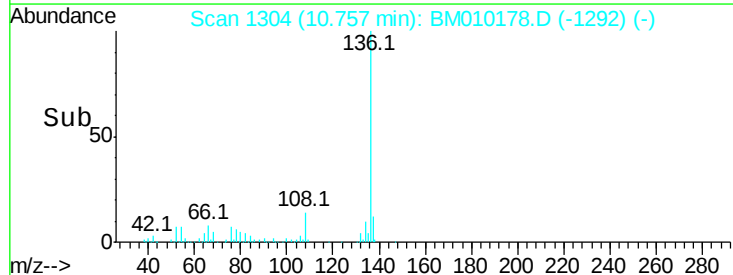
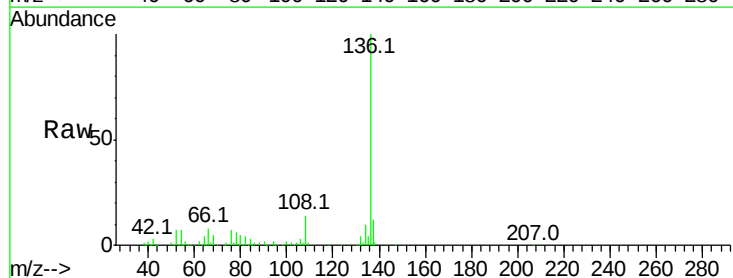
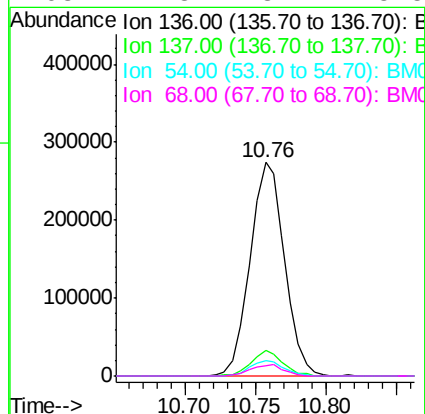
Delta R.T. -0.03 min

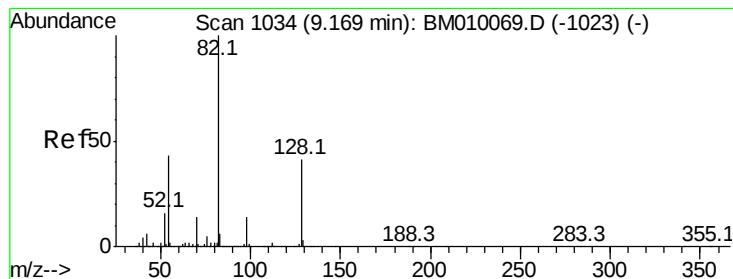
Lab File: BM010178.D

Acq: 24 May 2017 13:39

Tgt Ion: 136 Resp: 469287

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.7	13.1
54	7.1	4.6	6.8#
68	4.8	3.7	5.5





#23

Nitrobenzene-d5

Concen: 99.55 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BM010178.D

Acq: 24 May 2017 13:39

Instrument :

BNA_M

ClientSampleId :

PB99207BL

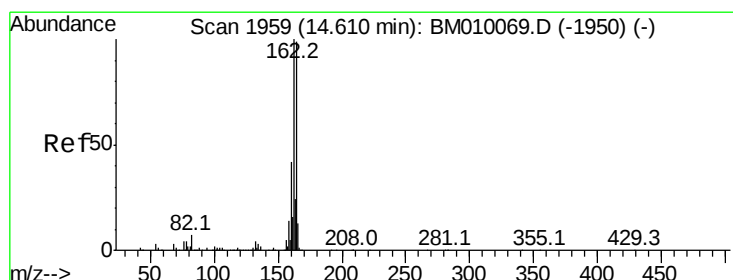
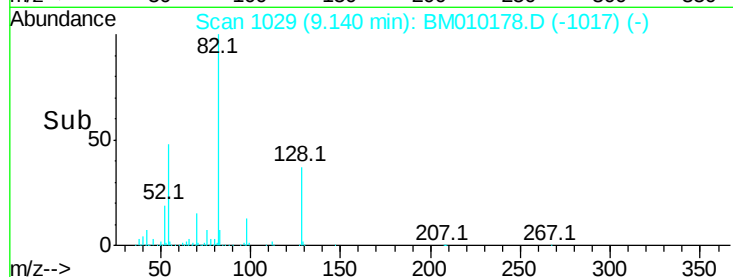
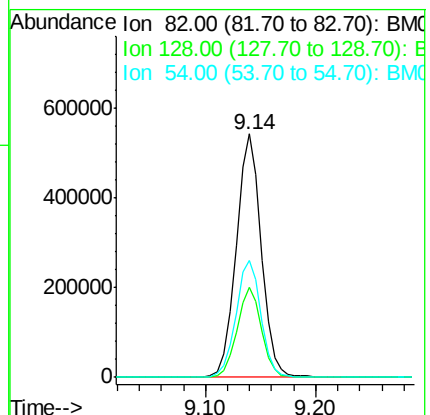
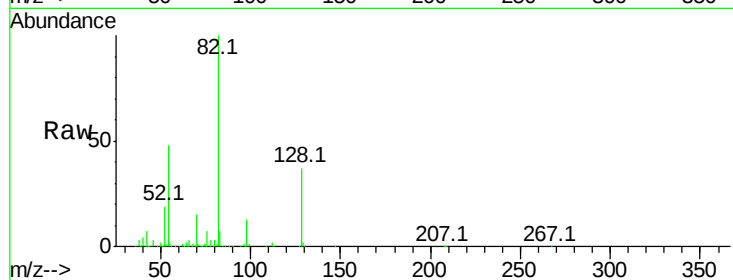
Tot Ion: 82 Resp: 865886

Ion Ratio Lower Upper

82 100

128 36.9 32.8 49.2

54 47.8 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: BM010178.D

Acq: 24 May 2017 13:39

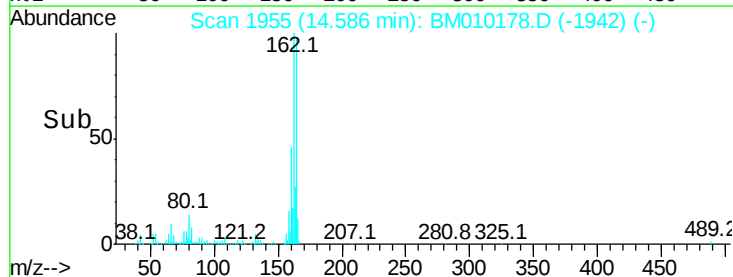
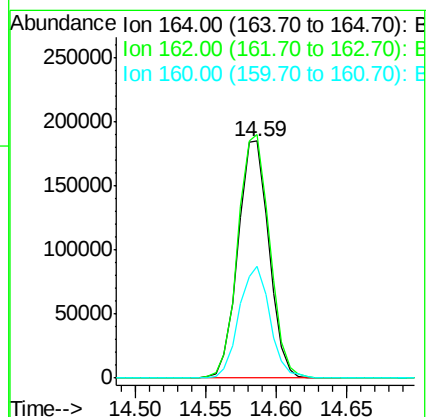
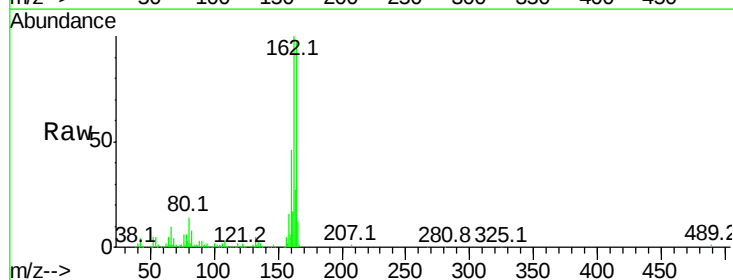
Tgt Ion: 164 Resp: 283169

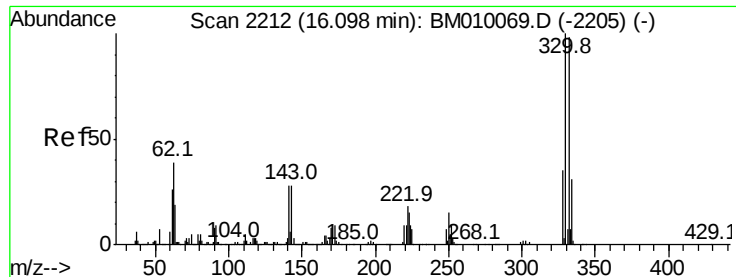
Ion Ratio Lower Upper

164 100

162 102.8 82.4 123.6

160 47.3 35.8 53.6

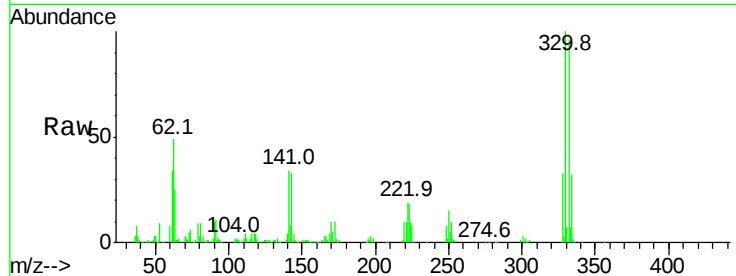




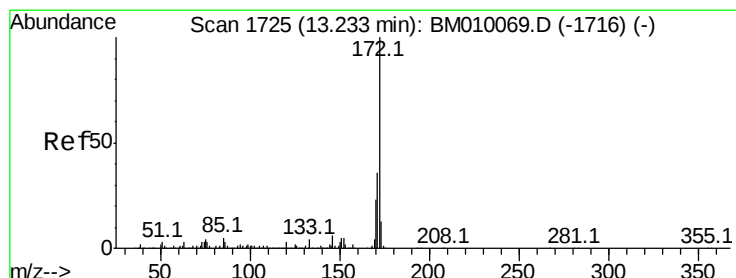
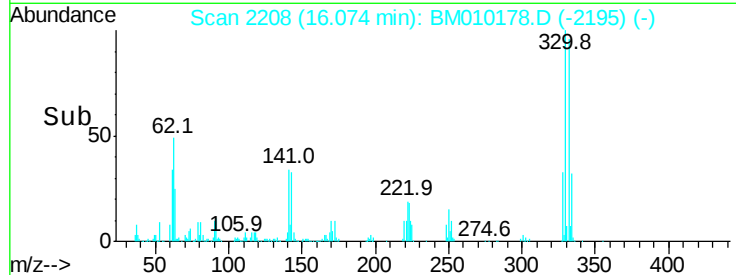
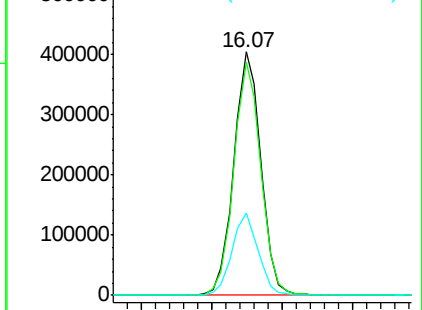
#41
2,4,6-Tribromophenol
Concen: 125.61 ng
RT: 16.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BM010178.D
Acq: 24 May 2017 13:39

Instrument :
BNA_M
ClientSampled :
PB99207BL

Tot Ion:330 Resp: 540203
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 32.9 0.0 0.0#

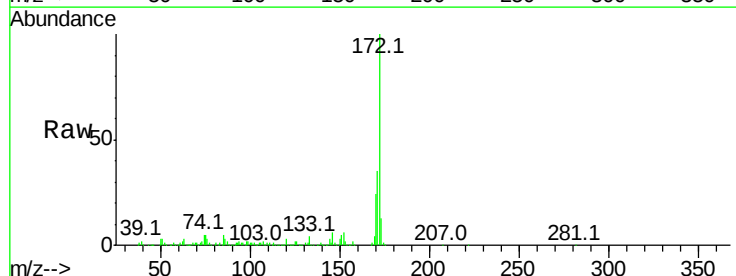


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

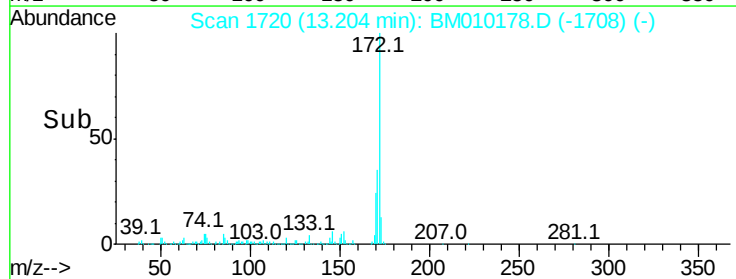
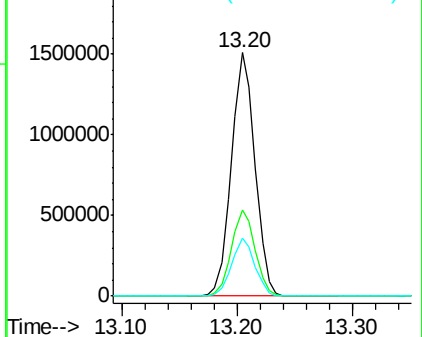


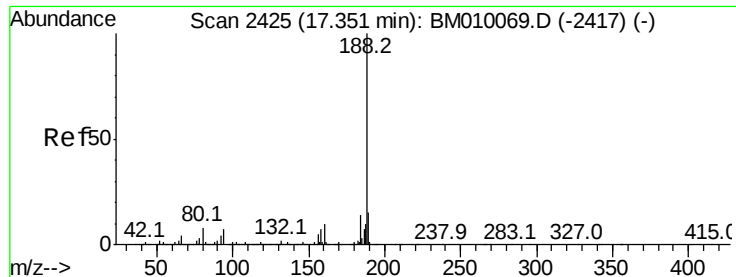
#44
2-Fluorobiphenyl
Concen: 96.67 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010178.D
Acq: 24 May 2017 13:39

Tgt Ion:172 Resp: 2129250
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010178.D

Acq: 24 May 2017 13:39

Instrument :

BNA_M

ClientSampleID :

PB99207BL

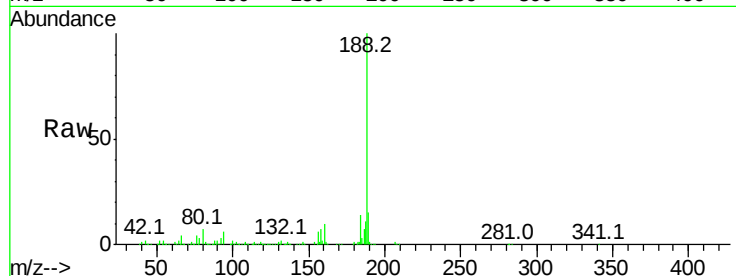
Tot Ion:188 Resp: 635824

Ion Ratio Lower Upper

188 100

94 5.7 8.7 13.1#

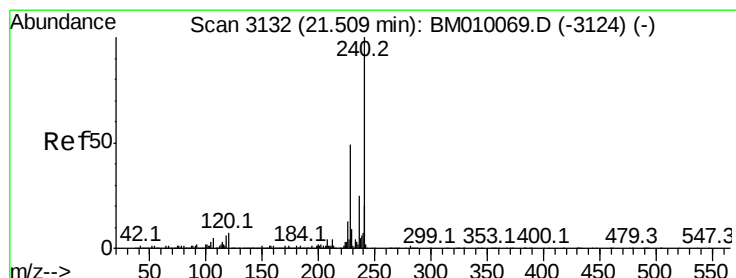
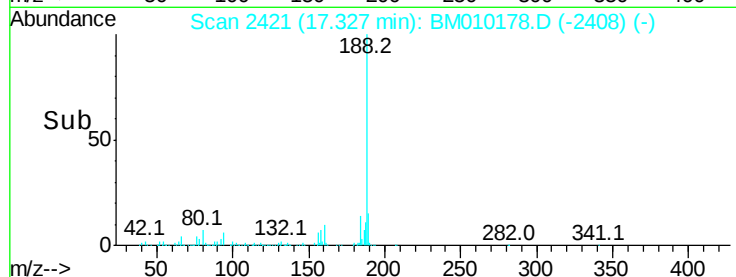
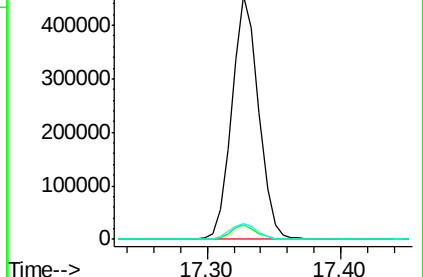
80 6.5 9.3 13.9#



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# 3128

Delta R.T. -0.02 min

Lab File: BM010178.D

Acq: 24 May 2017 13:39

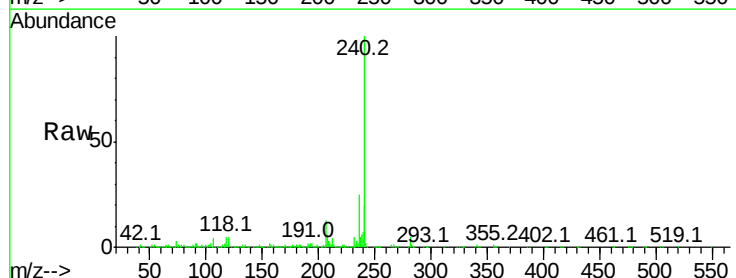
Tgt Ion:240 Resp: 951504

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

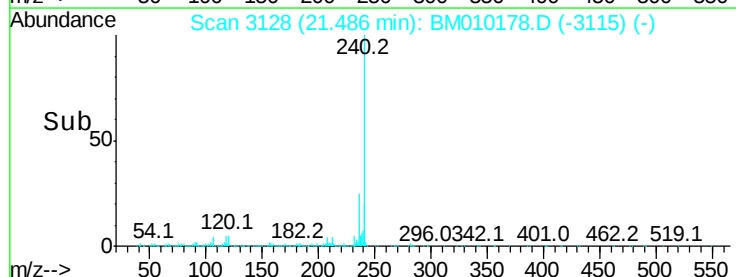
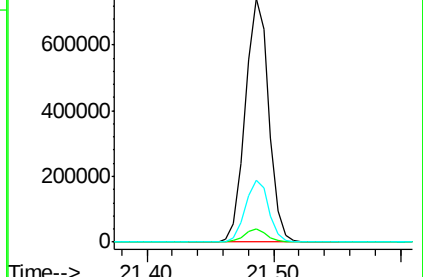
236 25.4 20.0 30.0

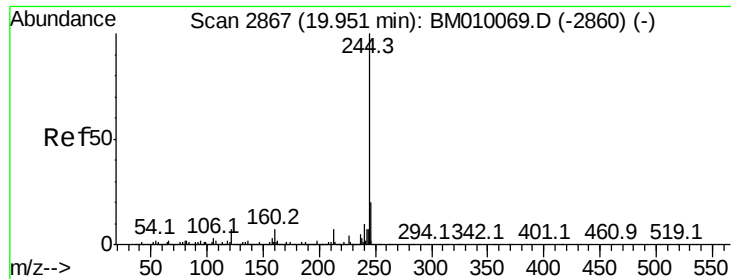


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.03 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010178.D

Acq: 24 May 2017 13:39

Instrument :

BNA_M

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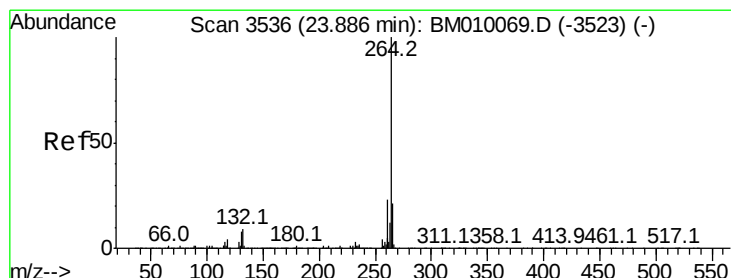
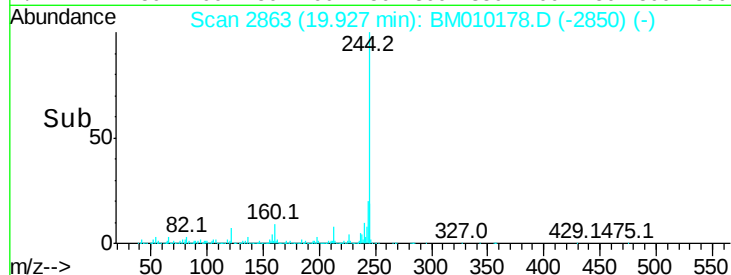
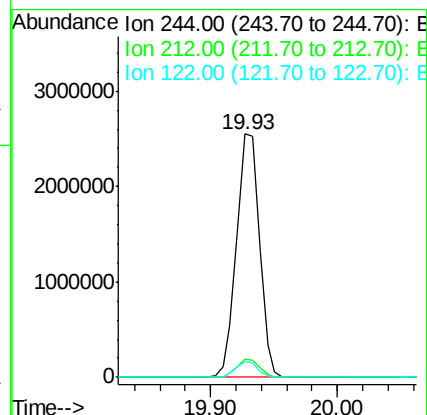
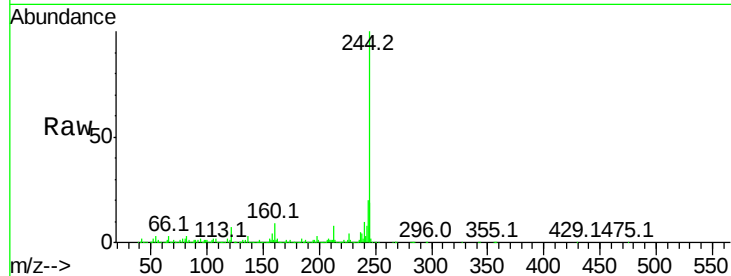
Tot Ion:244 Resp: 3181419

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

122 6.7 6.2 9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010178.D

Acq: 24 May 2017 13:39

Tgt Ion:264 Resp: 1132824

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.6 17.3 25.9

