

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
 Data File : BM010235.D
 Acq On : 26 May 2017 01:58
 Operator : SJ/MA
 Sample : I3340-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 05:19:53 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	101844	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	350175	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	239205	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	668404	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	1013951	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1114212	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	368178	65.28	ng	-0.04
7) Phenol-d6	7.13	99	261909	36.09	ng	-0.04
23) Nitrobenzene-d5	9.13	82	739514	113.94	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	630105	173.44	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	1996663	107.31	ng	-0.04
78) Terphenyl-d14	19.93	244	4221278	94.66	ng	-0.02

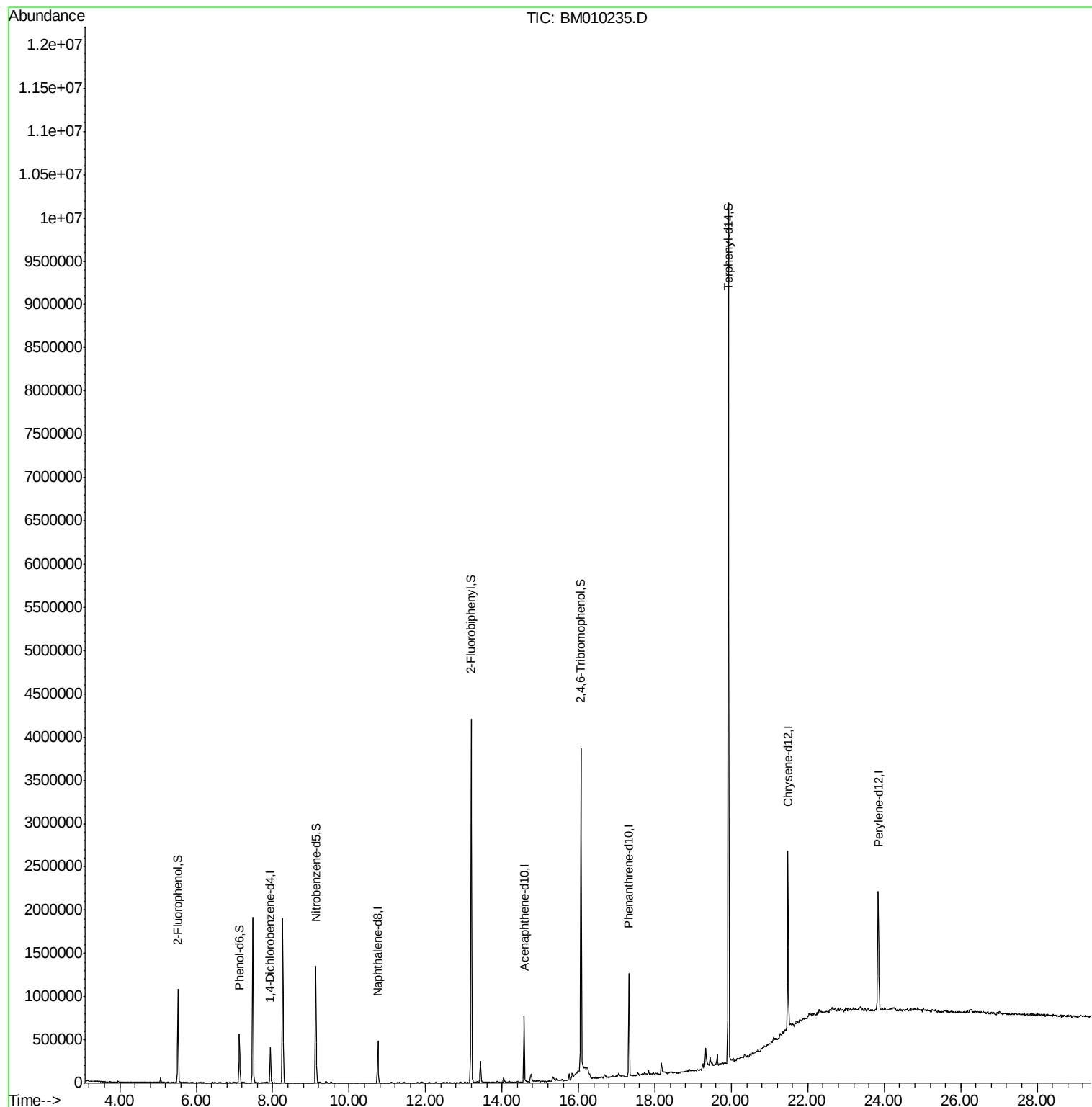
Target Compounds Qvalue

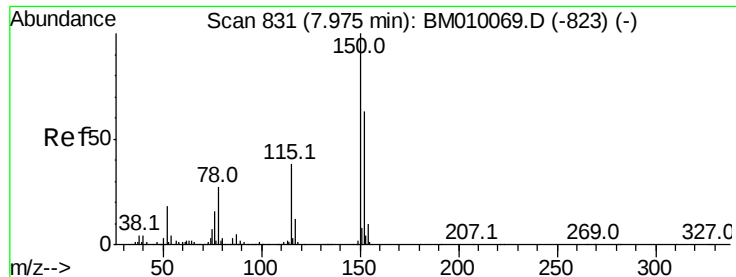
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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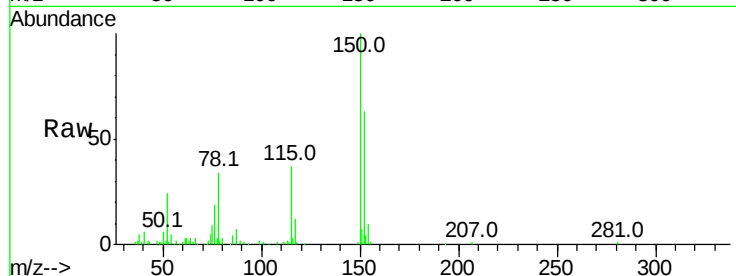


#1

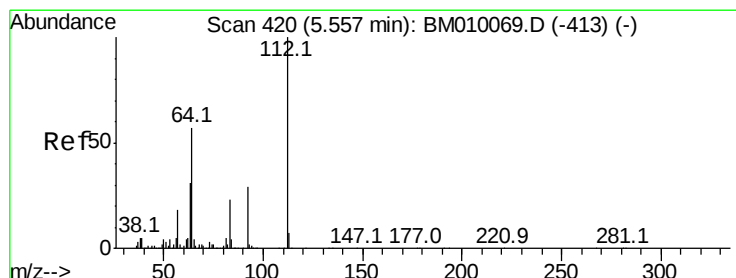
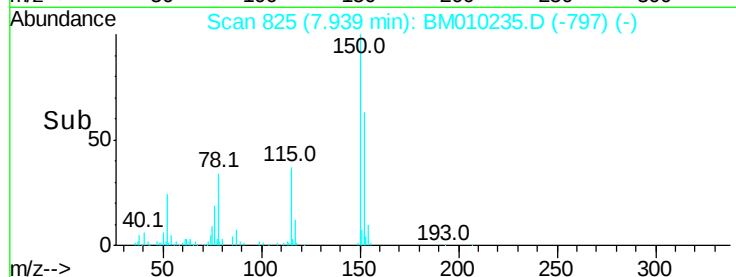
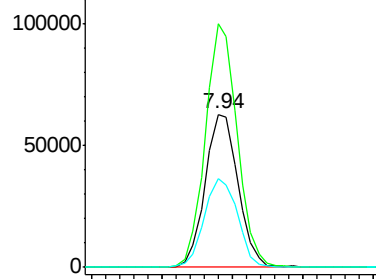
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010235.D
Acq: 26 May 2017 01:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	119.5	179.3
115	58.1	43.0	64.4



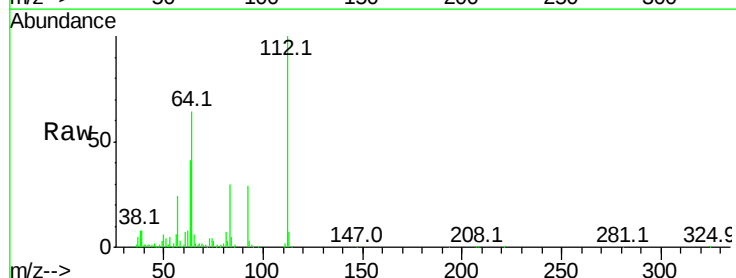
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



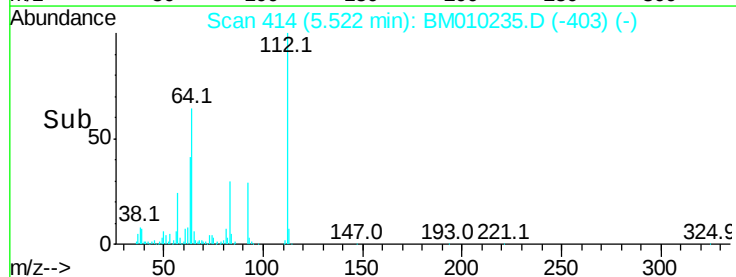
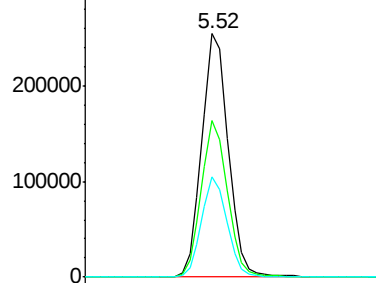
#5

2-Fluorophenol
Concen: 65.28 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.04 min
Lab File: BM010235.D
Acq: 26 May 2017 01:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	38.6	57.8#
63	41.3	19.3	28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 36.09 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010235.D

Acq: 26 May 2017 01:58

Instrument :

BNA_M

ClientSampleId :

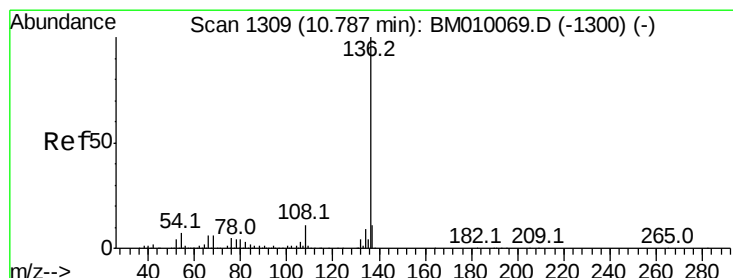
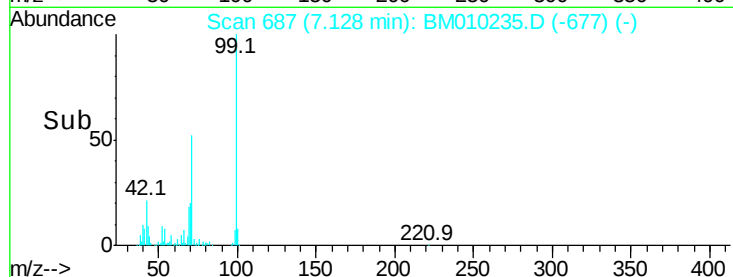
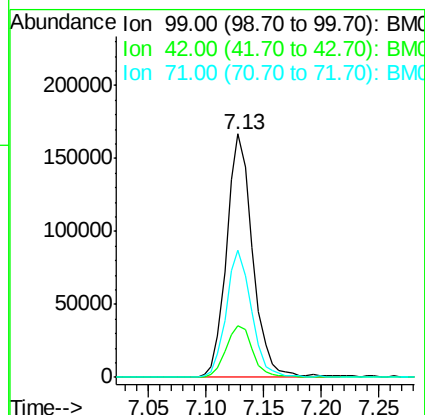
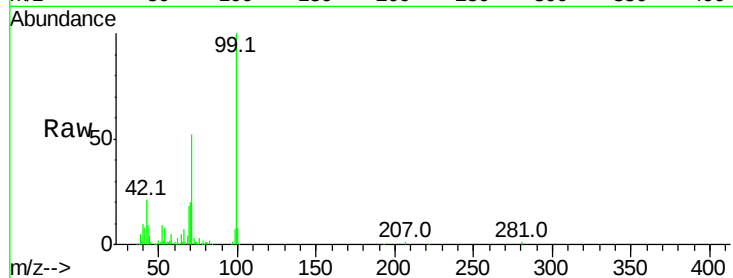
Tot Ion: 99 Resp: 261909

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

71 52.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010235.D

Acq: 26 May 2017 01:58

Tgt Ion: 136 Resp: 350175

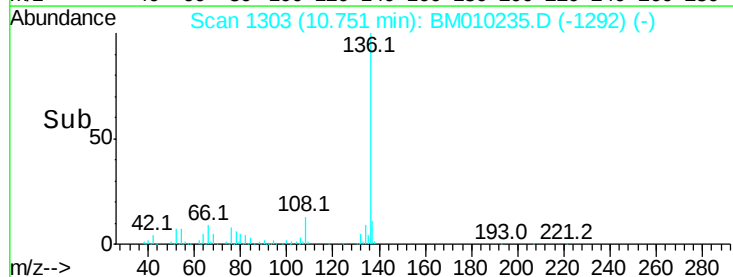
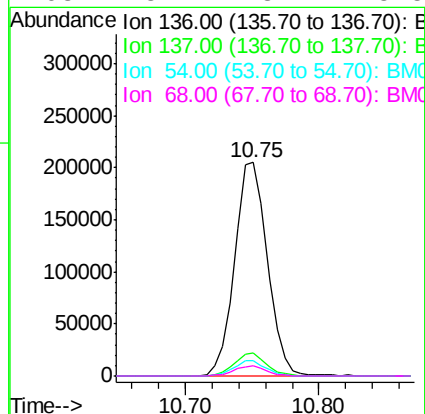
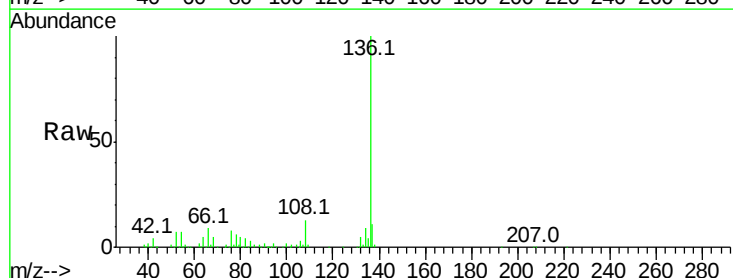
Ion Ratio Lower Upper

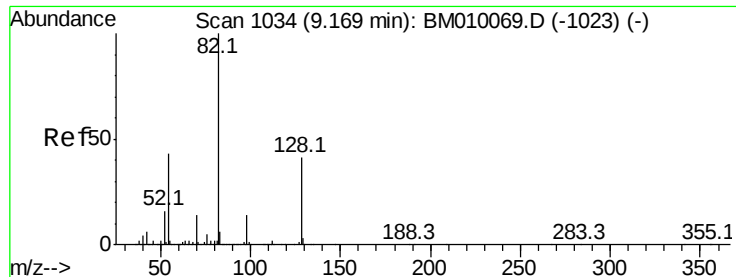
136 100

137 10.6 8.7 13.1

54 7.4 4.6 6.8#

68 5.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 113.94 ng

RT: 9.13 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BM010235.D

Acq: 26 May 2017 01:58

Instrument :

BNA_M

ClientSampleId :

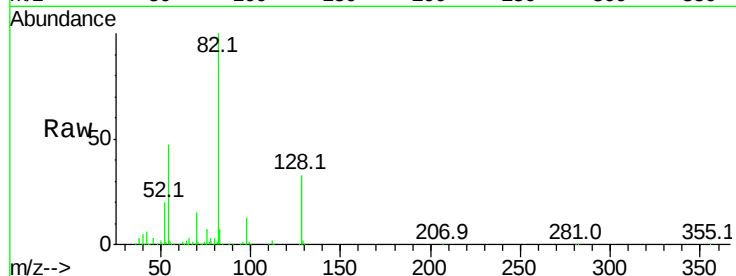
Tot Ion: 82 Resp: 739514

Ion Ratio Lower Upper

82 100

128 33.0 32.8 49.2

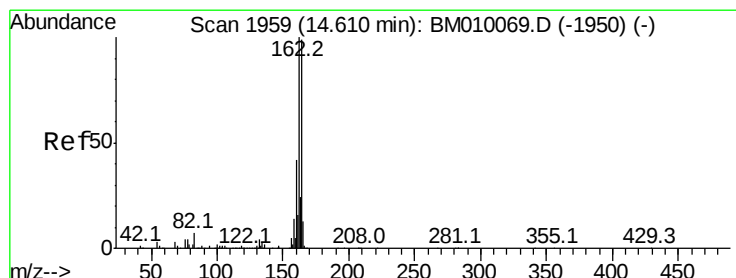
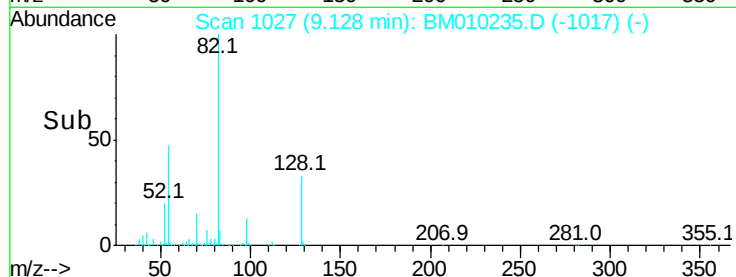
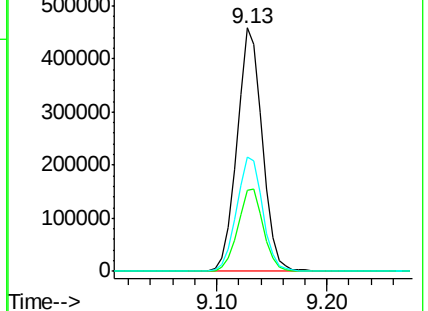
54 46.7 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1023) (-)

Ion 128.00 (127.70 to 128.70): BM010069.D (-1023) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1023) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010235.D

Acq: 26 May 2017 01:58

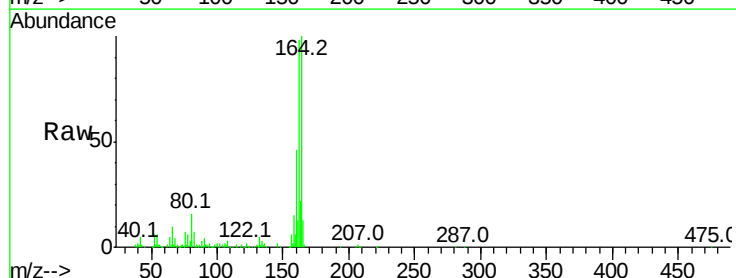
Tgt Ion: 164 Resp: 239205

Ion Ratio Lower Upper

164 100

162 98.0 82.4 123.6

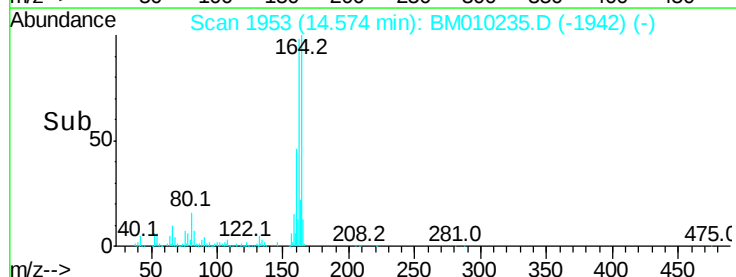
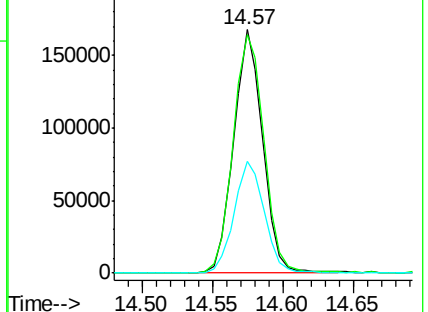
160 45.9 35.8 53.6

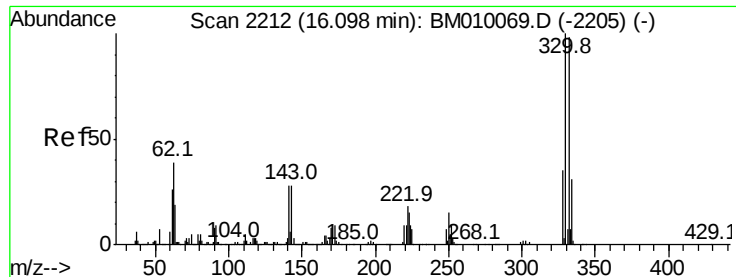


Abundance Ion 164.00 (163.70 to 164.70): BM010069.D (-1950) (-)

Ion 162.00 (161.70 to 162.70): BM010069.D (-1950) (-)

Ion 160.00 (159.70 to 160.70): BM010069.D (-1950) (-)

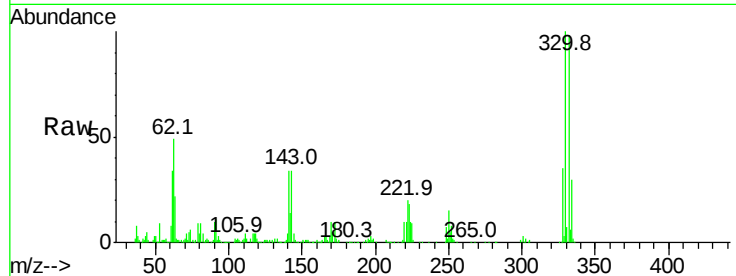




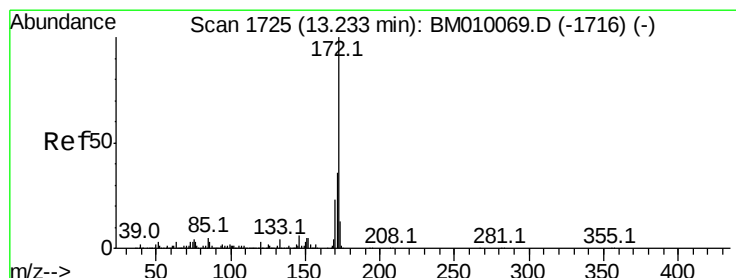
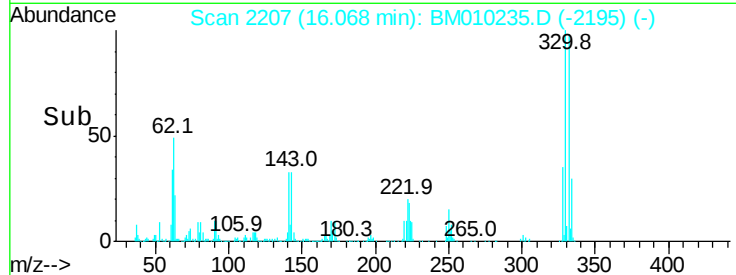
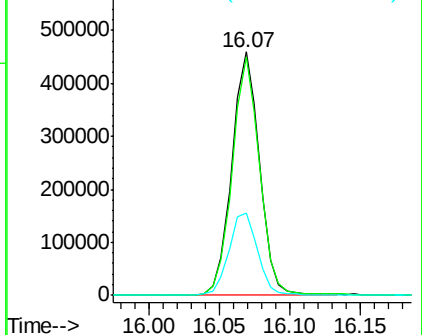
#41
2,4,6-Tribromophenol
Concen: 173.44 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010235.D
Acq: 26 May 2017 01:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	35.2	0.0	0.0#

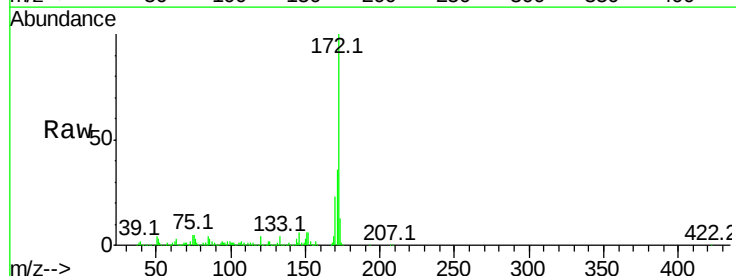


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

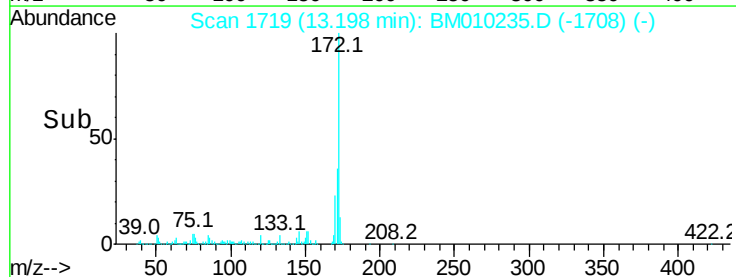
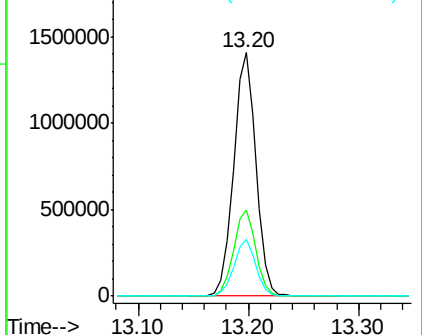


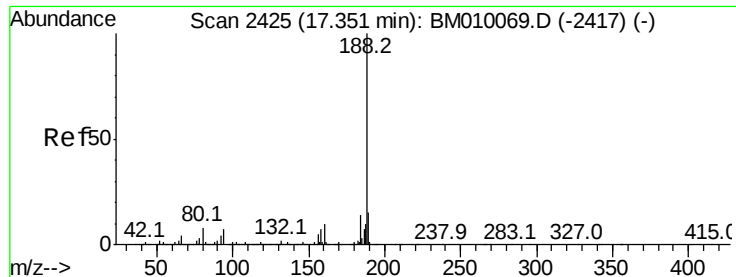
#44
2-Fluorobiphenyl
Concen: 107.31 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010235.D
Acq: 26 May 2017 01:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.4	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

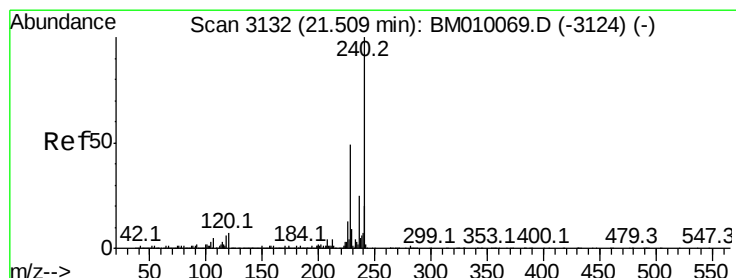
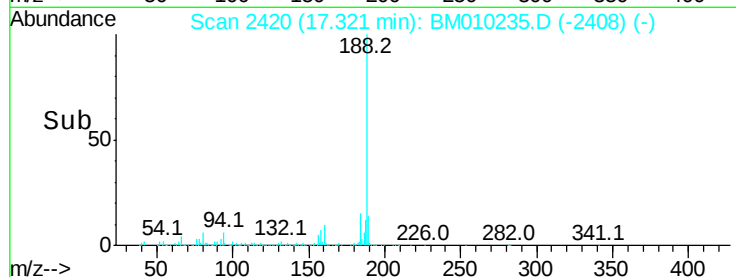
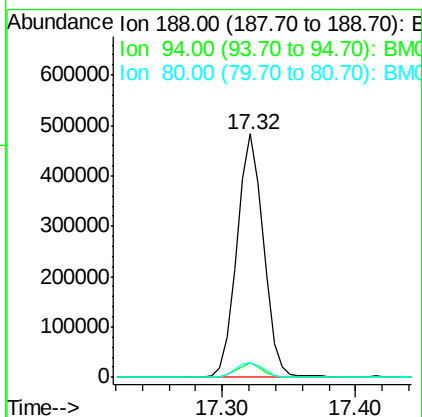
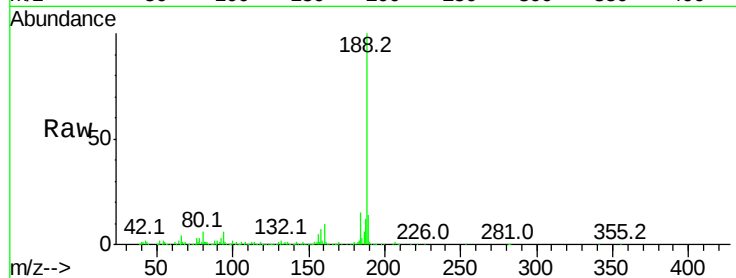




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010235.D
Acq: 26 May 2017 01:58

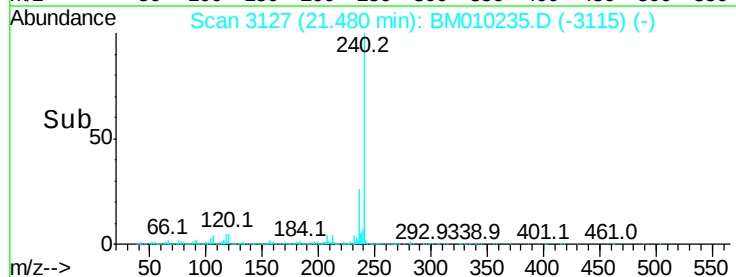
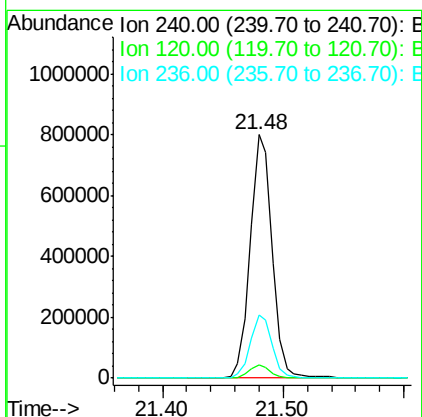
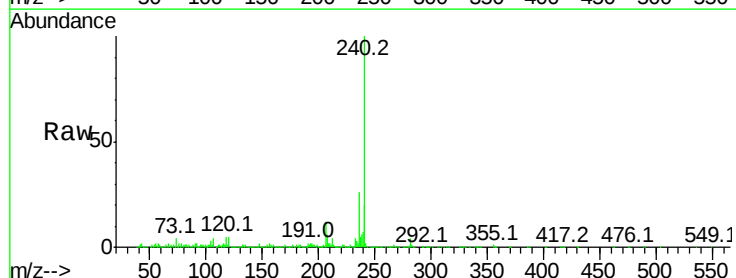
Instrument :
BNA_M
ClientSampleId :

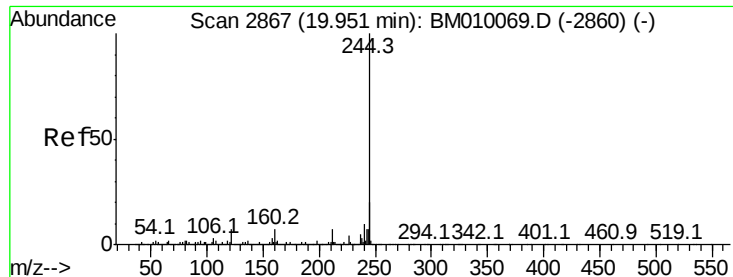
Tot Ion:188 Resp: 668404
Ion Ratio Lower Upper
188 100
94 5.9 8.7 13.1#
80 6.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010235.D
Acq: 26 May 2017 01:58

Tgt Ion:240 Resp: 1013951
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 94.66 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010235.D

Acq: 26 May 2017 01:58

Instrument :

BNA_M

ClientSampleId :

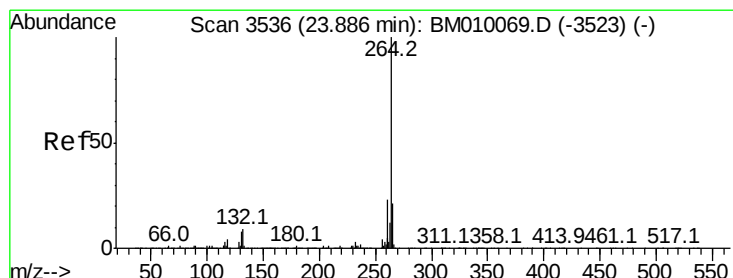
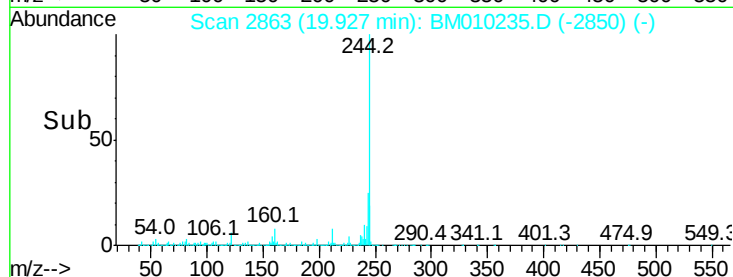
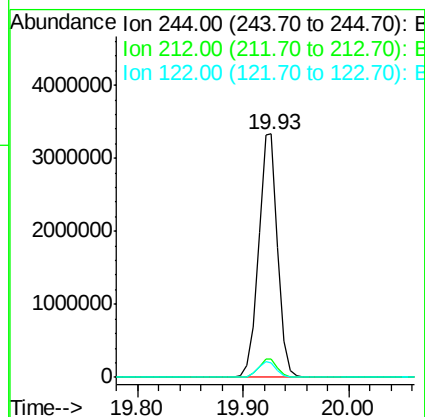
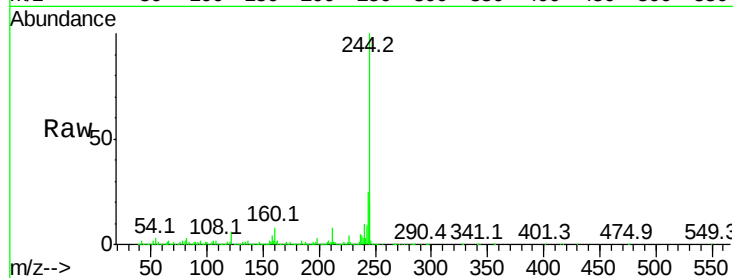
Tot Ion:244 Resp: 4221278

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.1 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3528

Delta R.T. -0.05 min

Lab File: BM010235.D

Acq: 26 May 2017 01:58

Tgt Ion:264 Resp: 1114212

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.0 17.3 25.9

