

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010197.D
 Acq On : 25 May 2017 02:26
 Operator : SJ/MA
 Sample : I3214-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 25 05:31:40 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

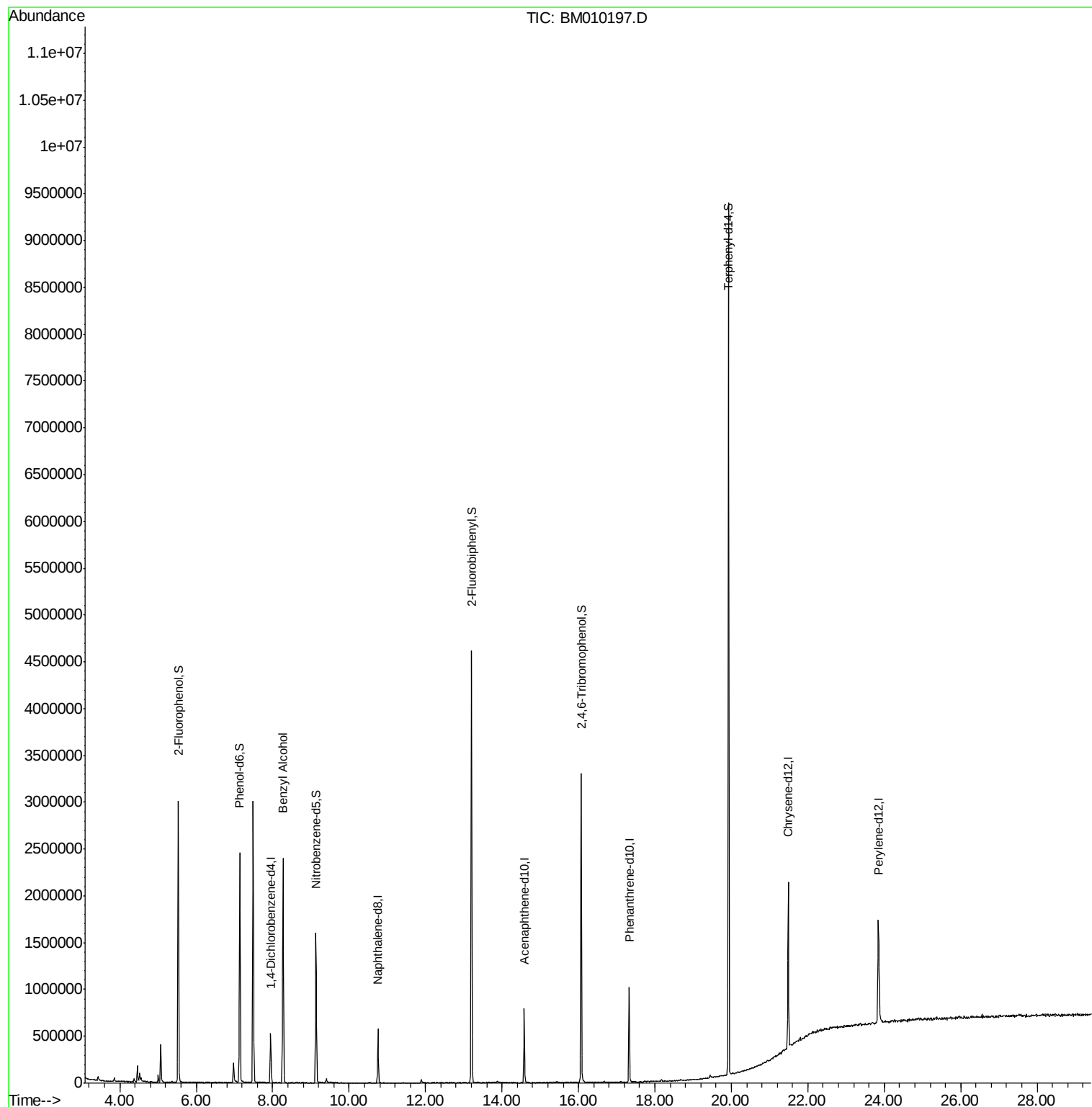
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	131681	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	426777	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	253981	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	592419	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	895535	20.00	ng	-0.02
86) Perylene-d12	23.84	264	775731	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1061223	145.53	ng	-0.02
7) Phenol-d6	7.14	99	1169435	124.63	ng	-0.03
23) Nitrobenzene-d5	9.13	82	898855	113.63	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	586073	151.93	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2233541	113.05	ng	-0.03
78) Terphenyl-d14	19.93	244	3646746	92.59	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.27	79	19157	2.70	ng	Qvalue # 39

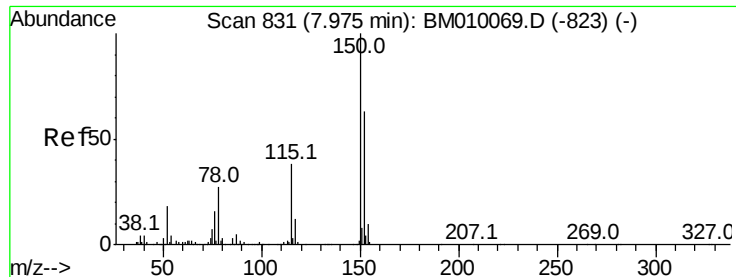
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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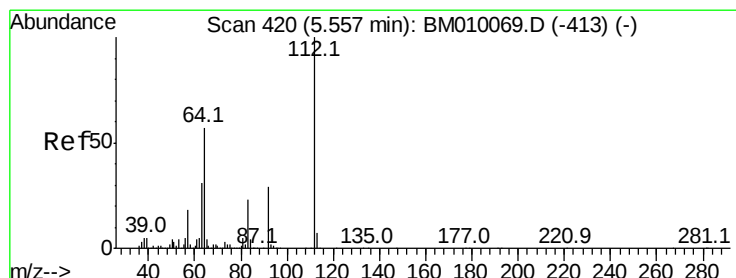
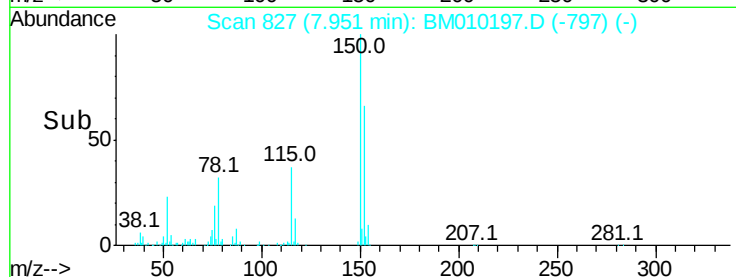
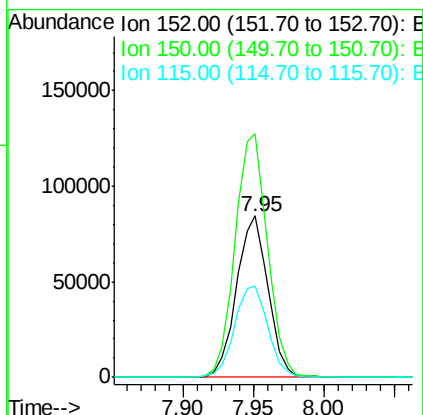
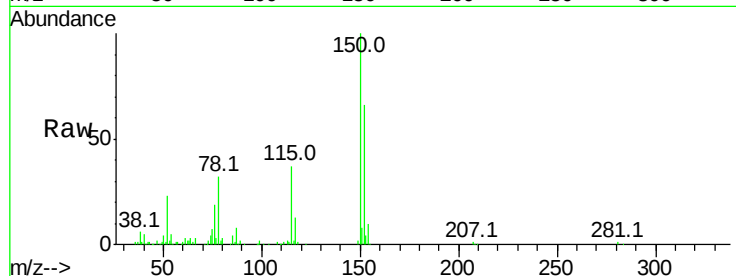


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010197.D
Acq: 25 May 2017 02:26

Instrument :
BNA_M
ClientSampleId :

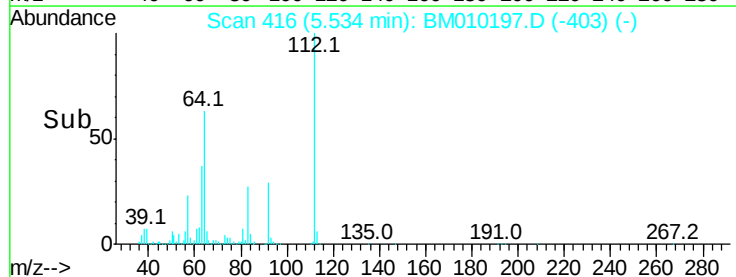
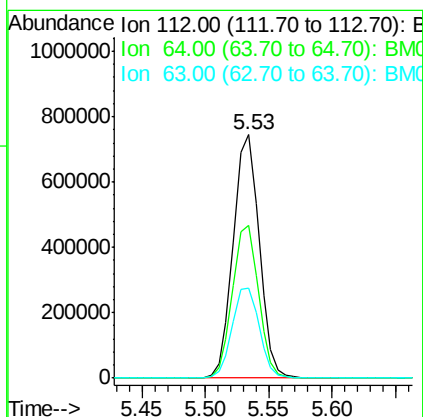
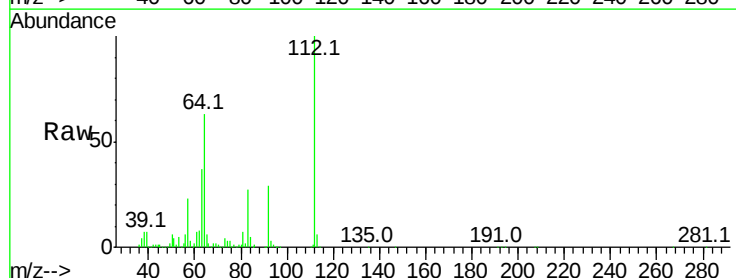
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	56.5	43.0	64.4

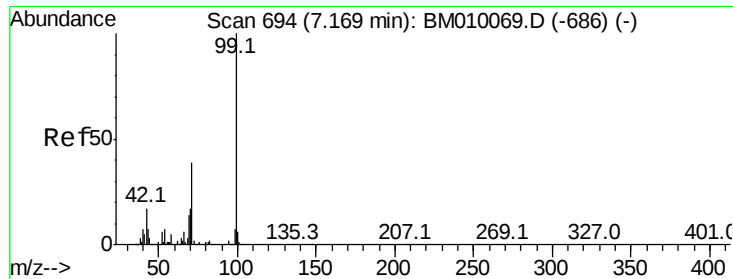


#5

2-Fluorophenol
Concen: 145.53 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010197.D
Acq: 25 May 2017 02:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	38.6	57.8#
63	37.0	19.3	28.9#





#7

Phenol-d6

Concen: 124.63 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

Instrument :

BNA_M

ClientSampled :

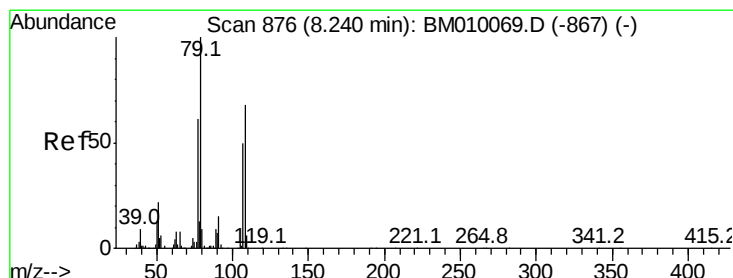
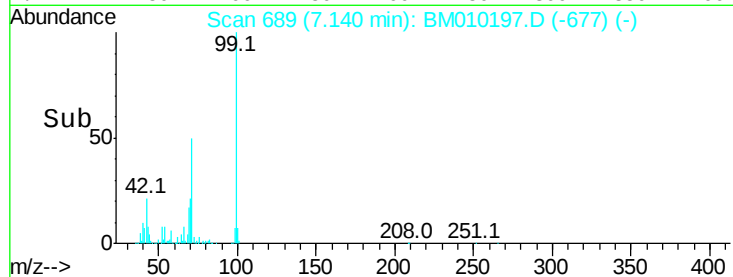
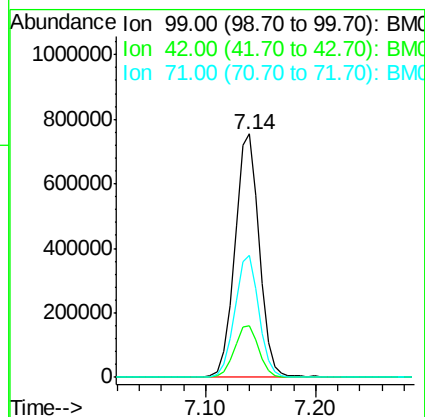
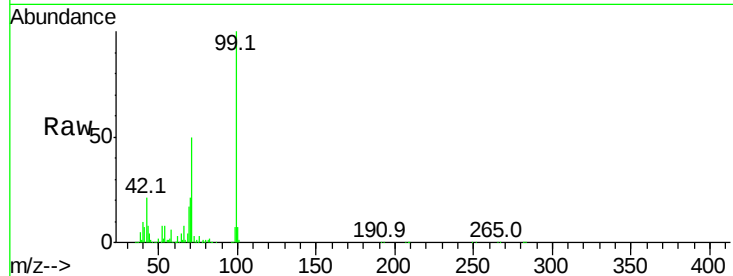
Tot Ion: 99 Resp: 1169435

Ion Ratio Lower Upper

99 100

42 21.4 11.0 16.4#

71 49.9 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.70 ng

RT: 8.27 min Scan# 881

Delta R.T. 0.03 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

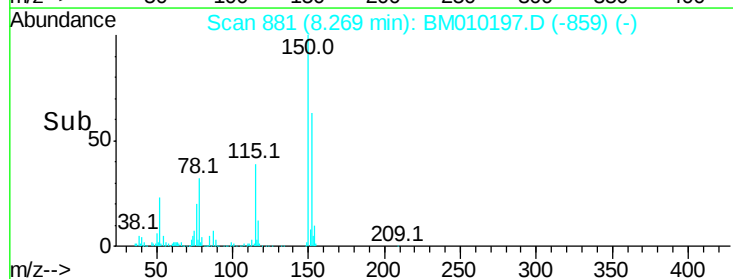
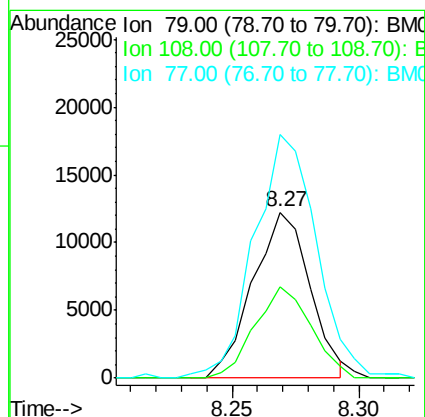
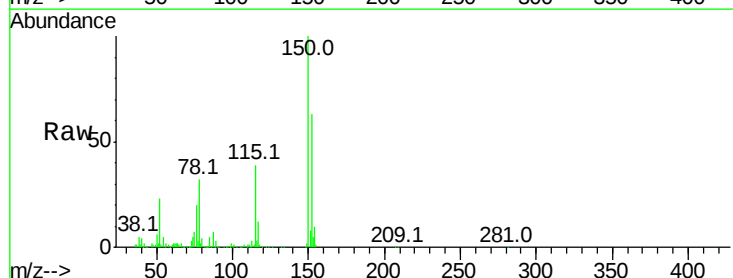
Tgt Ion: 79 Resp: 19157

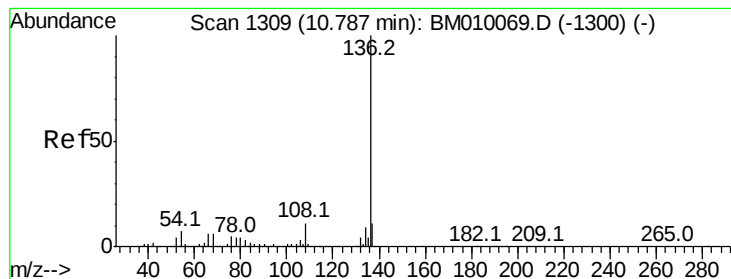
Ion Ratio Lower Upper

79 100

108 55.3 65.0 97.4#

77 146.7 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: BM010197.D

Acq: 25 May 2017 02:26

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 426777

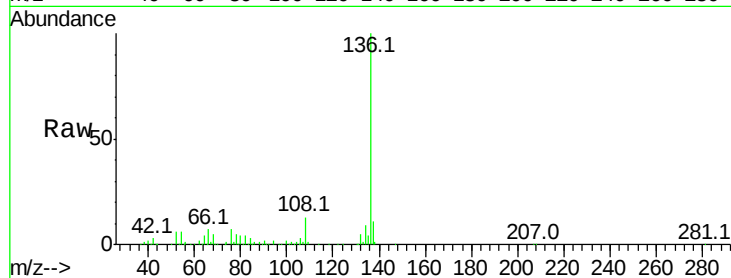
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.5 4.6 6.8

68 4.6 3.7 5.5

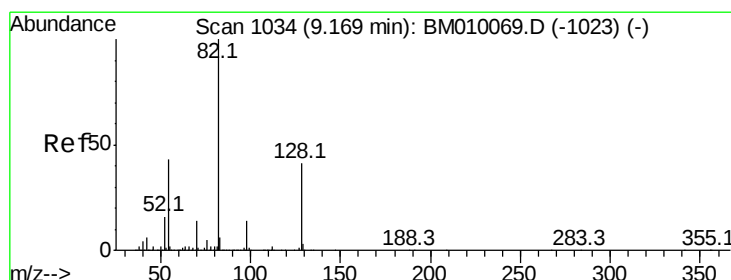
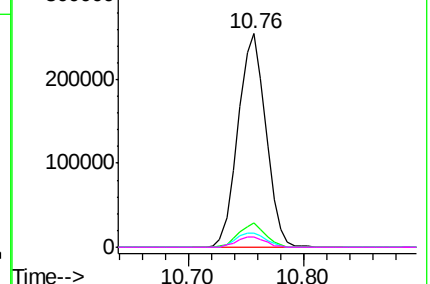
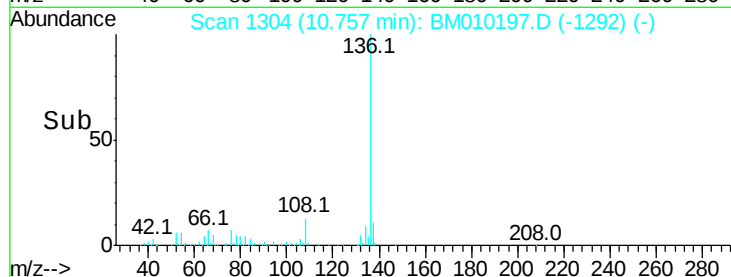


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 113.63 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.04 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

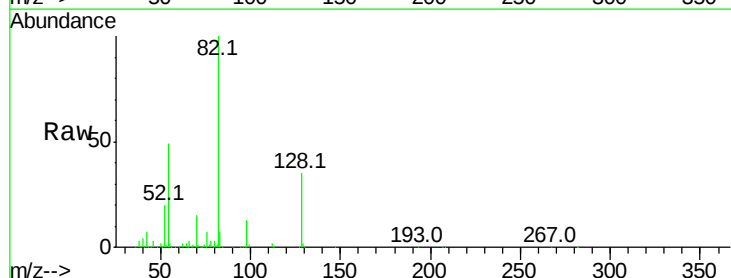
Tgt Ion: 82 Resp: 898855

Ion Ratio Lower Upper

82 100

128 35.2 32.8 49.2

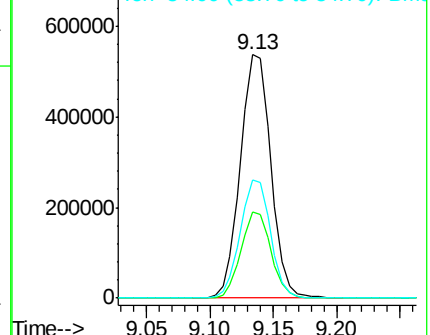
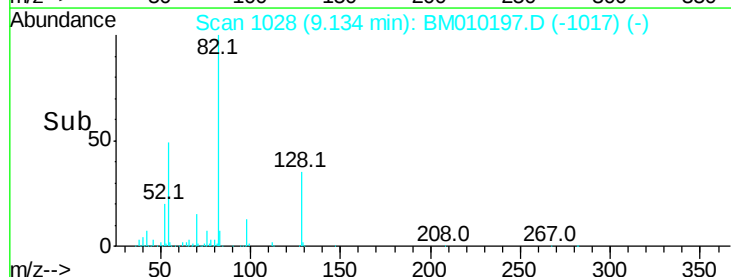
54 48.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

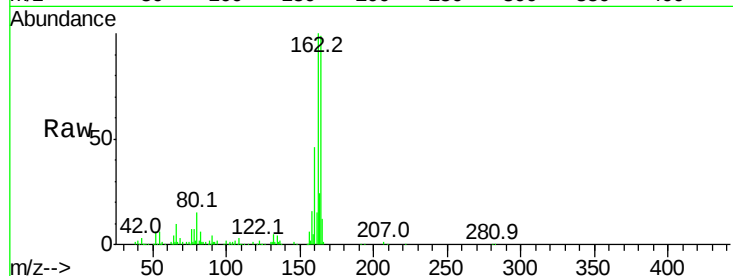
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 253981

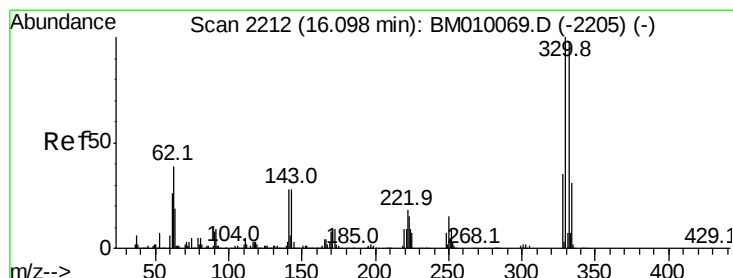
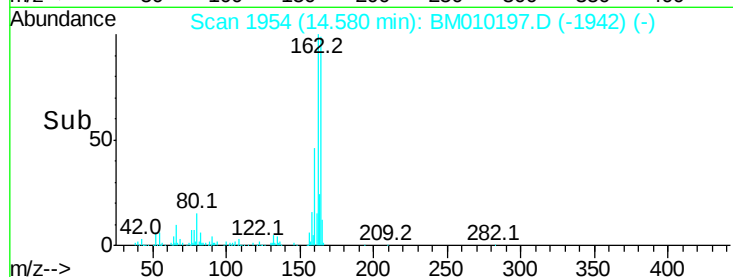
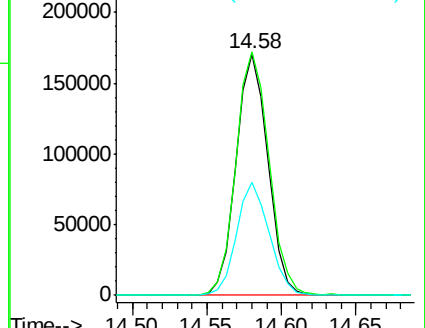
Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	46.7	35.8	53.6



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: 151.93 ng

RT: 16.07 min Scan# 2208

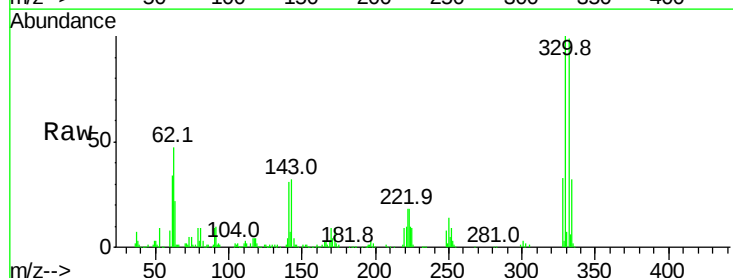
Delta R.T. -0.02 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

Tgt Ion:330 Resp: 586073

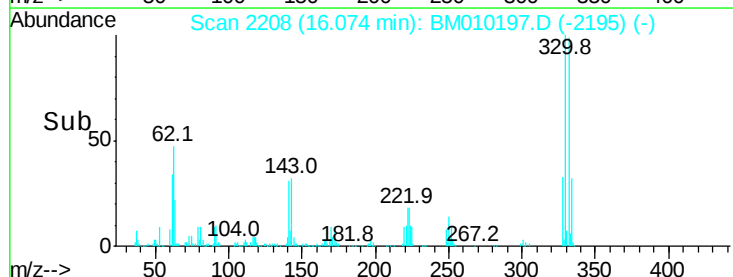
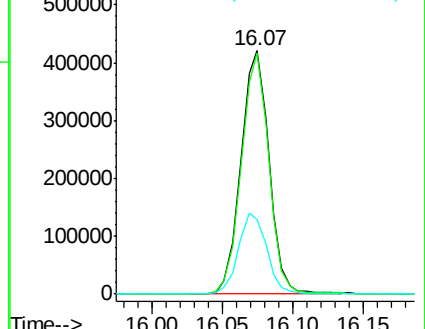
Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	33.6	0.0	0.0#



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



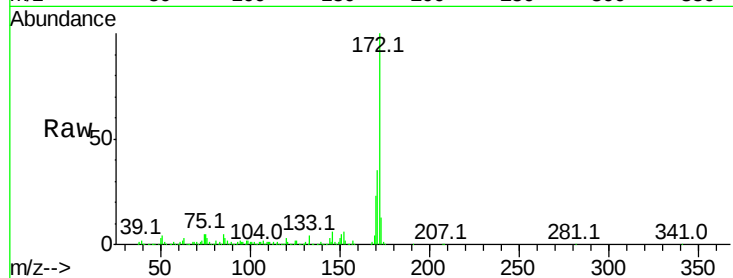


#44
 2-Fluorobiphenyl
 Concen: 113.05 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010197.D
 Acq: 25 May 2017 02:26

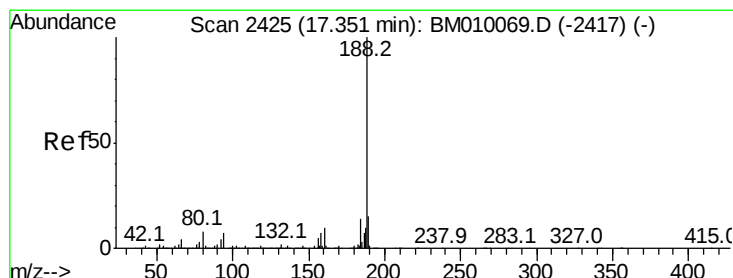
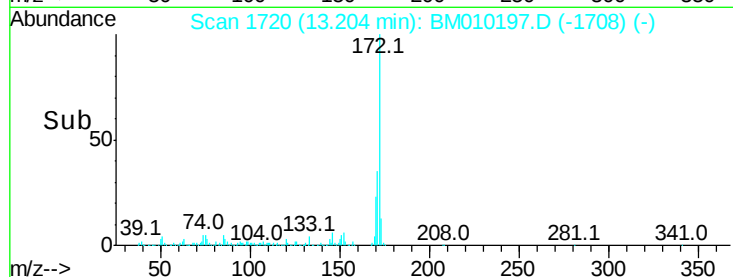
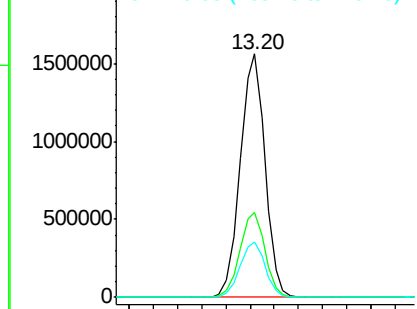
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2233541

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.6	18.8	28.2



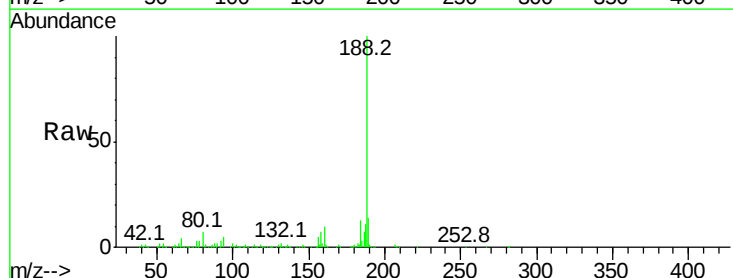
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



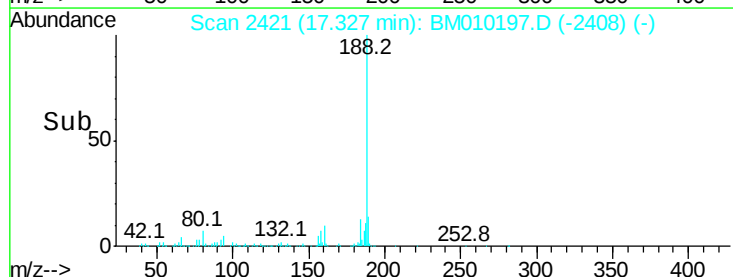
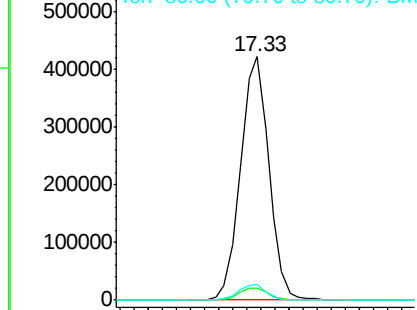
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.33 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BM010197.D
 Acq: 25 May 2017 02:26

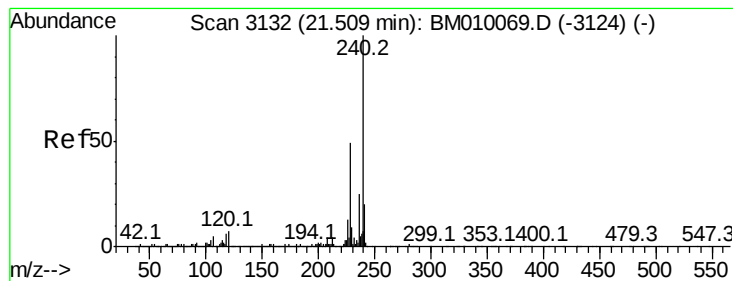
Tgt Ion:188 Resp: 592419

Ion	Ratio	Lower	Upper
188	100		
94	5.1	8.7	13.1#
80	6.6	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: BM010197.D

Acq: 25 May 2017 02:26

Instrument :

BNA_M

ClientSampleId :

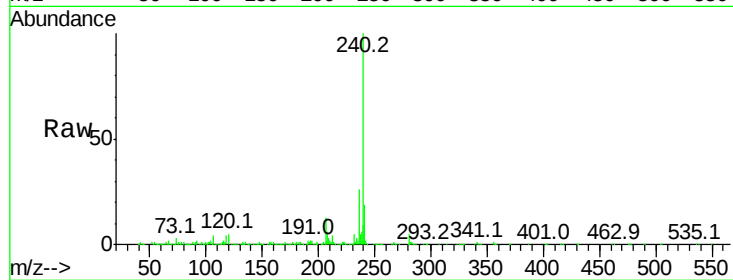
Tot Ion:240 Resp: 895535

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

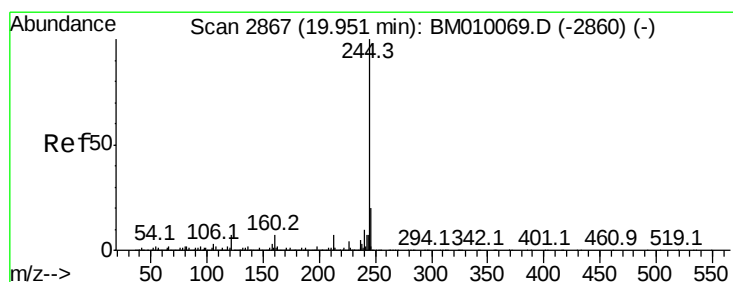
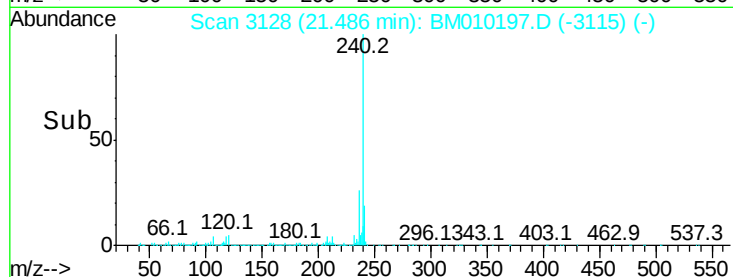
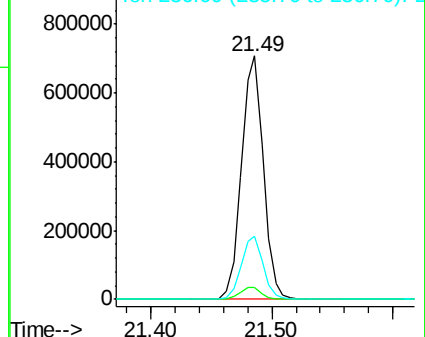
236 26.0 20.0 30.0



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: 92.59 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

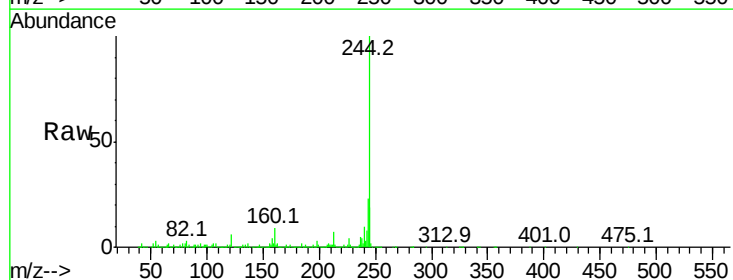
Tgt Ion:244 Resp: 3646746

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

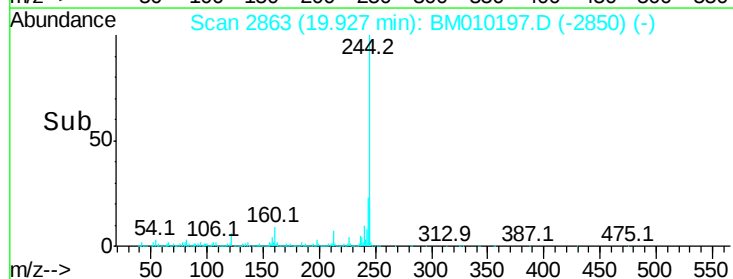
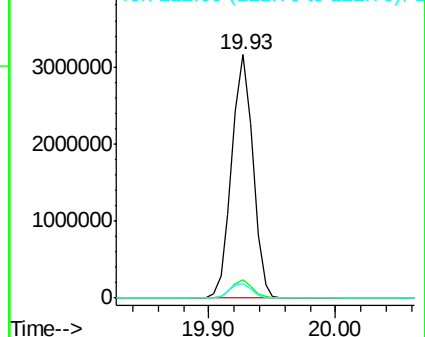
122 6.2 6.2 9.4#

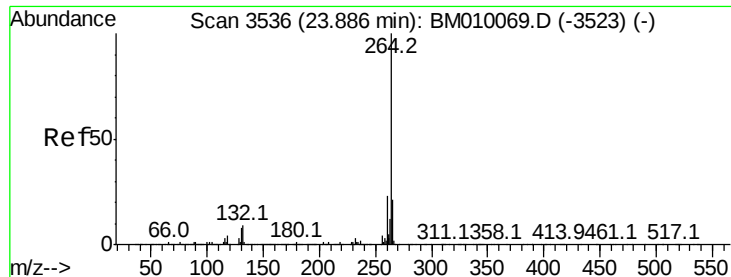


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3529
Delta R.T. -0.04 min
Lab File: BM010197.D
Acq: 25 May 2017 02:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	264	Resp:	775731
Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.6	27.8
265	22.3	17.3	25.9

