

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010196.D
 Acq On : 25 May 2017 01:50
 Operator : SJ/MA
 Sample : I3214-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 25 05:31:21 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

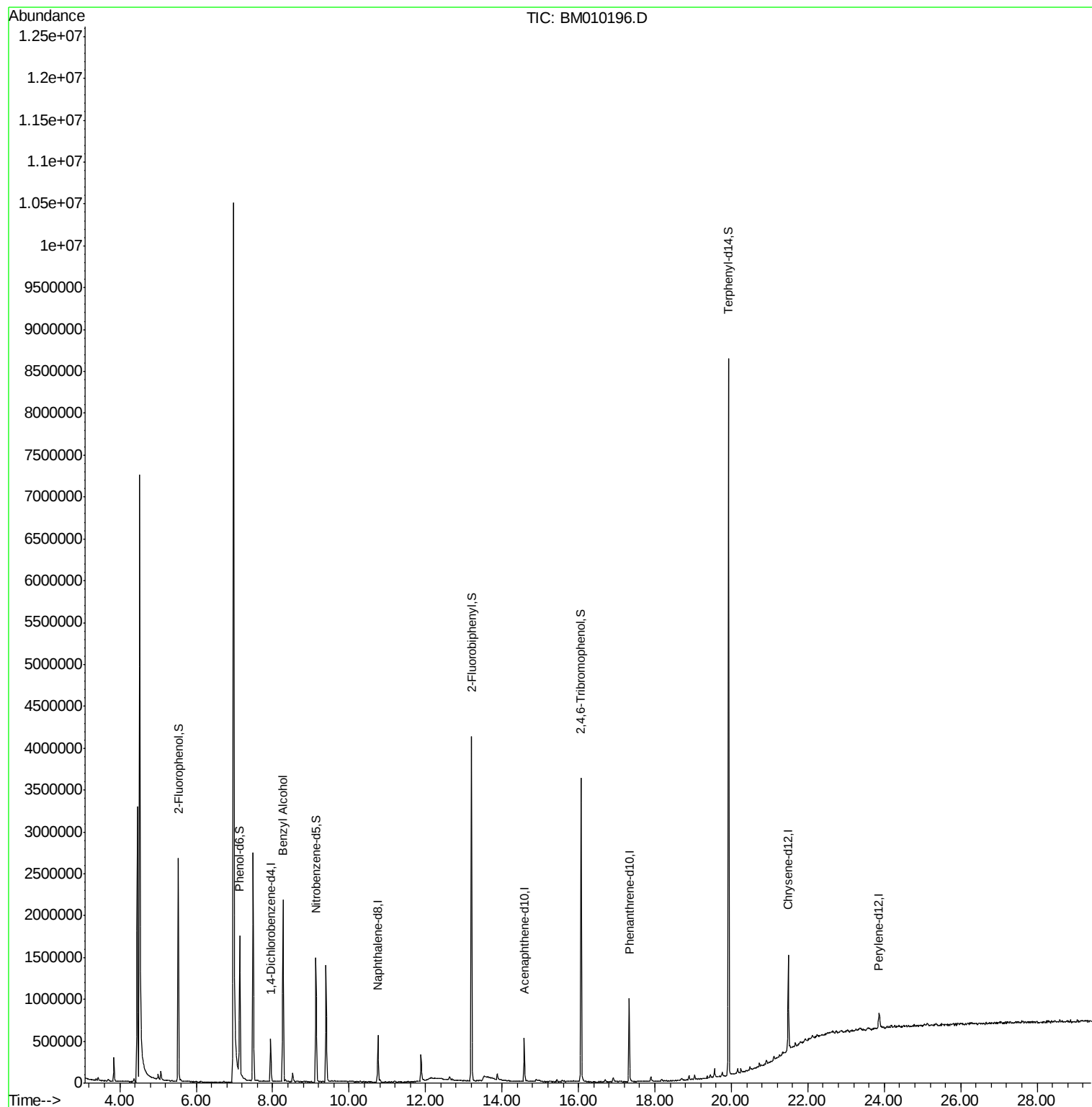
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	124800	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	402149	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	133295	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	522418	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	432769	20.00	ng	-0.02
86) Perylene-d12	23.85	264	18168	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	936354	135.49	ng	-0.02
7) Phenol-d6	7.13	99	722635	81.26	ng	-0.04
23) Nitrobenzene-d5	9.13	82	826962	110.94	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	598215	295.49	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2061043	198.78	ng	-0.03
78) Terphenyl-d14	19.93	244	3098340	162.79	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.27	79	18340	2.73	ng	Qvalue # 28

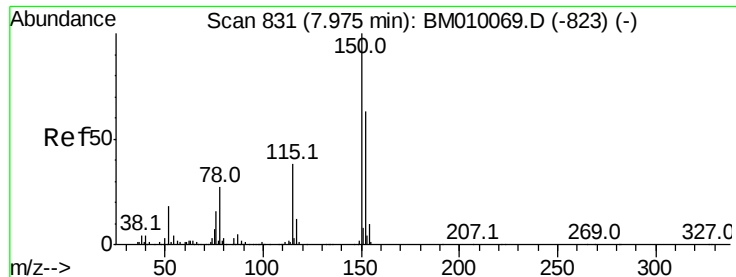
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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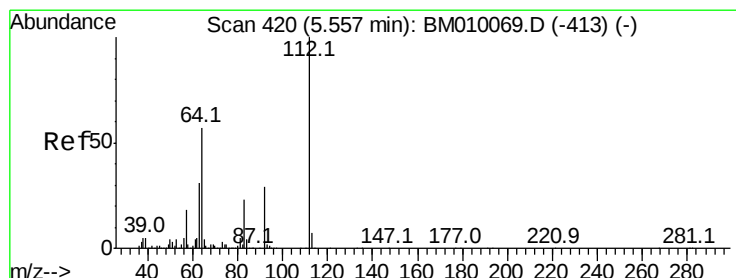
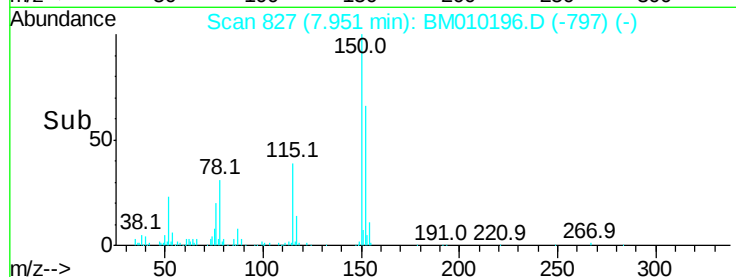
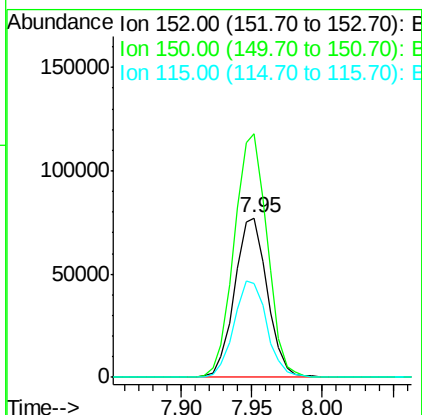
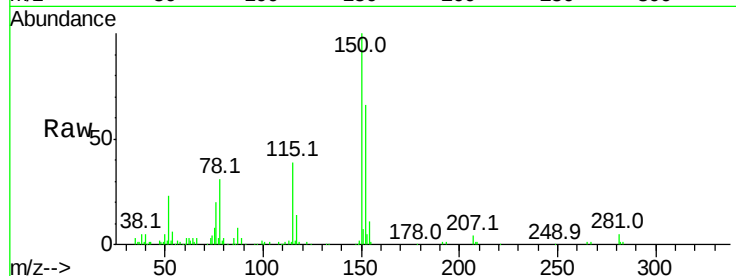


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010196.D
Acq: 25 May 2017 01:50

Instrument :
BNA_M
ClientSampleId :

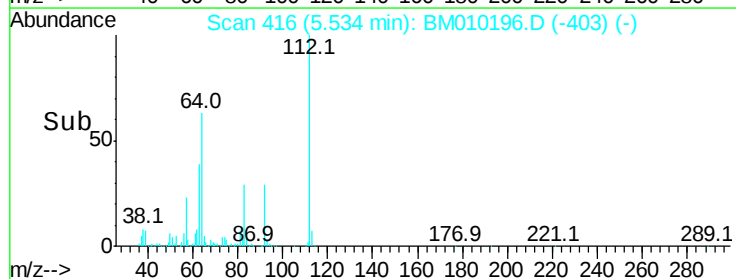
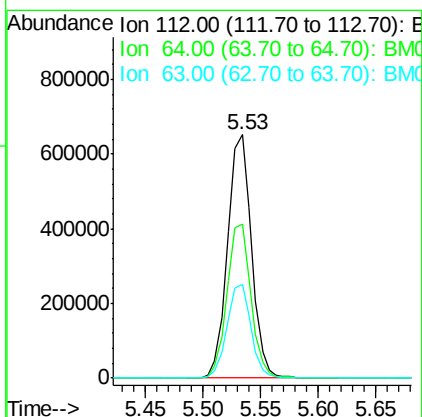
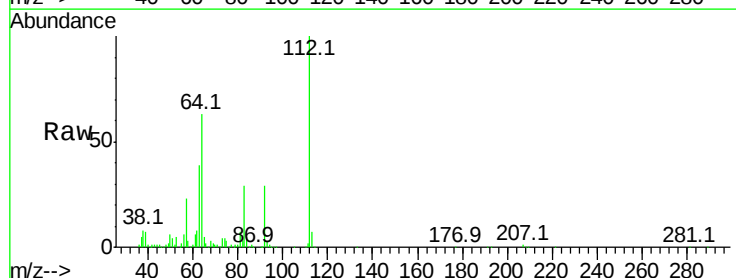
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	59.1	43.0	64.4

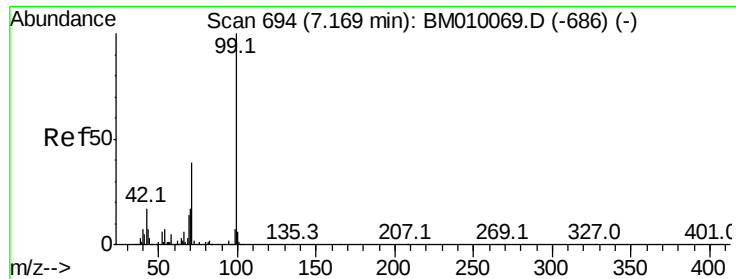


#5

2-Fluorophenol
Concen: 135.49 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010196.D
Acq: 25 May 2017 01:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	38.6	57.8#
63	38.6	19.3	28.9#





#7

Phenol-d6

Concen: 81.26 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

Instrument :

BNA_M

ClientSampled :

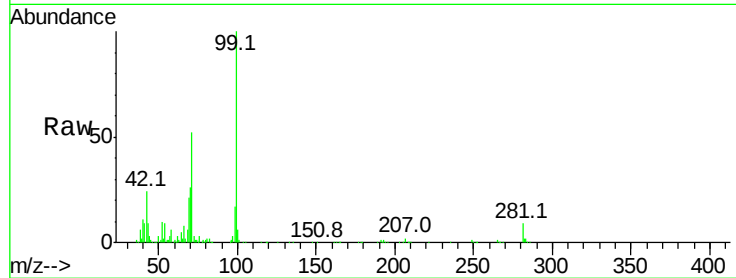
Tot Ion: 99 Resp: 722635

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

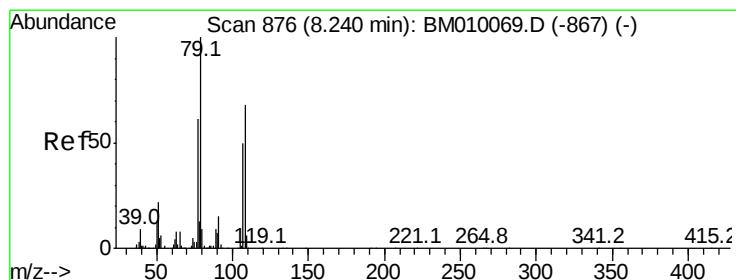
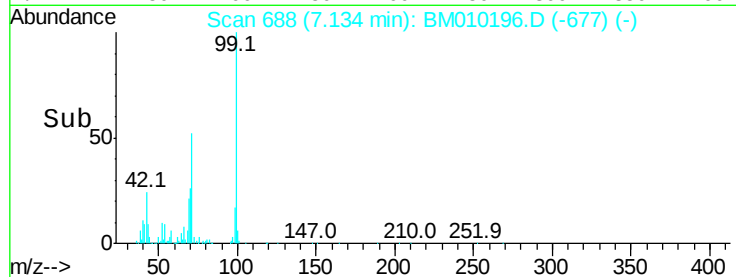
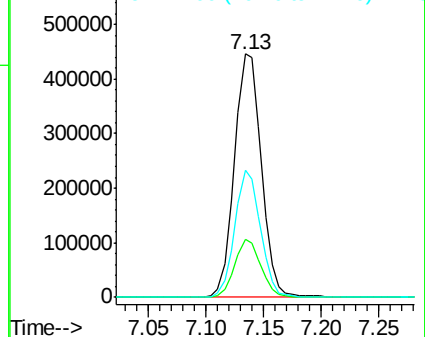
71 52.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#15

Benzyl Alcohol

Concen: 2.73 ng

RT: 8.27 min Scan# 881

Delta R.T. 0.03 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

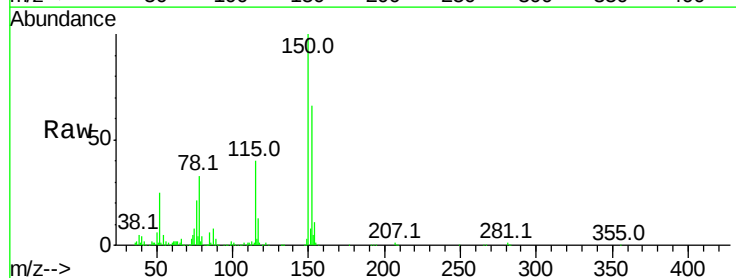
Tgt Ion: 79 Resp: 18340

Ion Ratio Lower Upper

79 100

108 46.1 65.0 97.4#

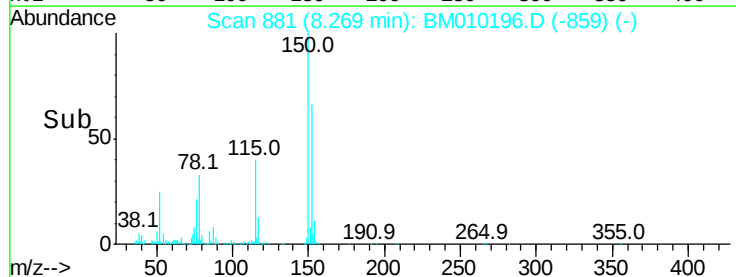
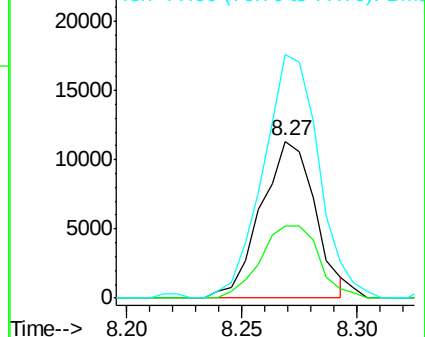
77 155.3 53.0 79.6#

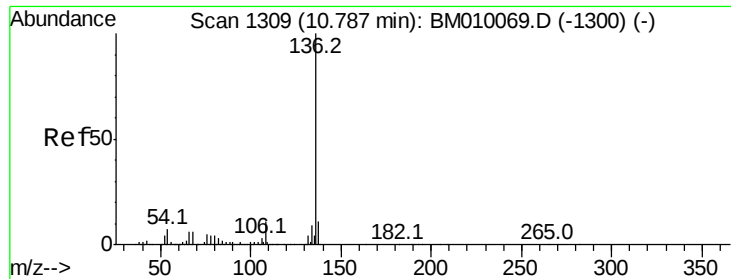


Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-867) (-)

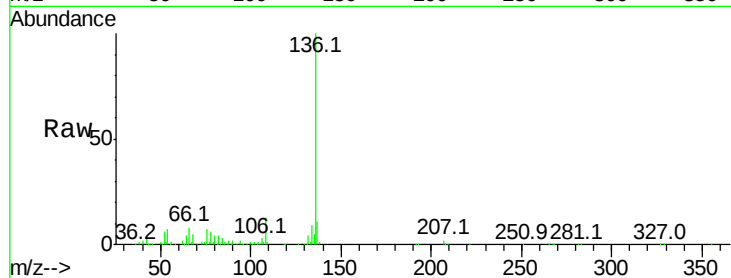




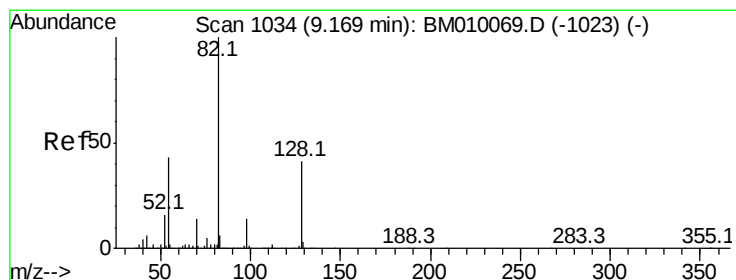
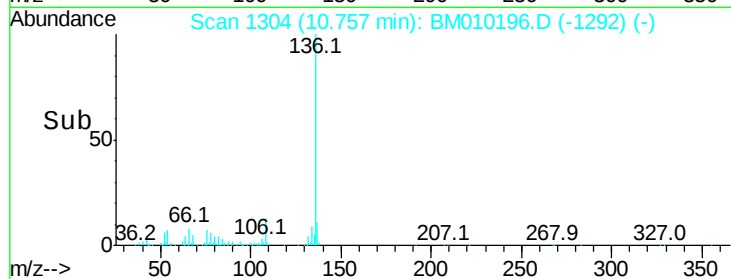
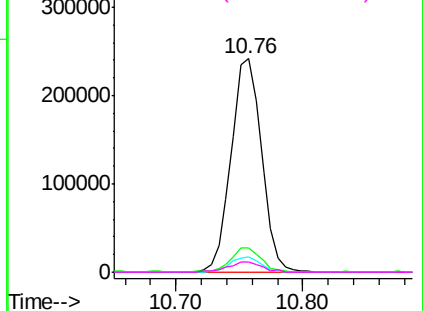
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM010196.D
Acq: 25 May 2017 01:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	402149
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	7.3	4.6 6.8#
68	4.8	3.7 5.5

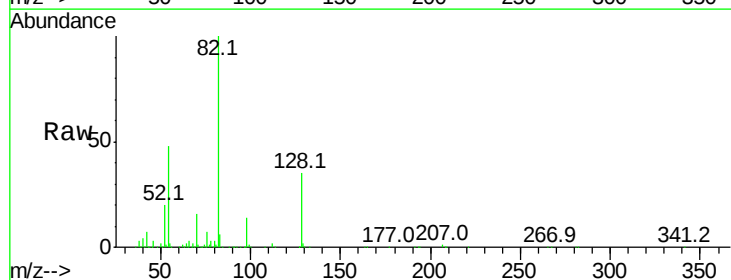


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

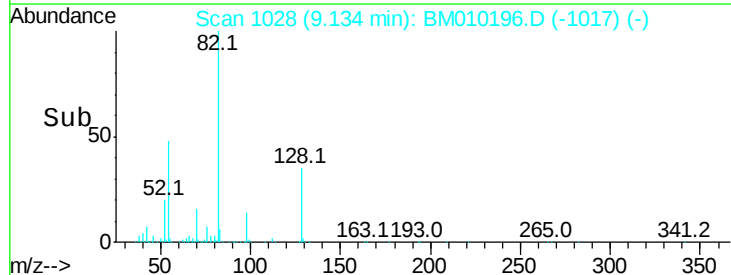
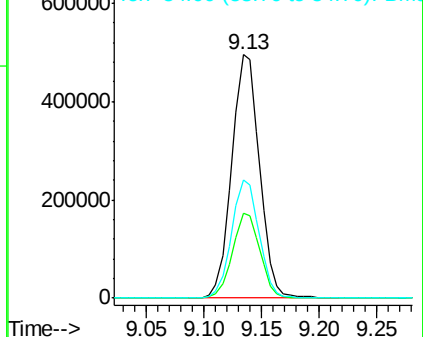


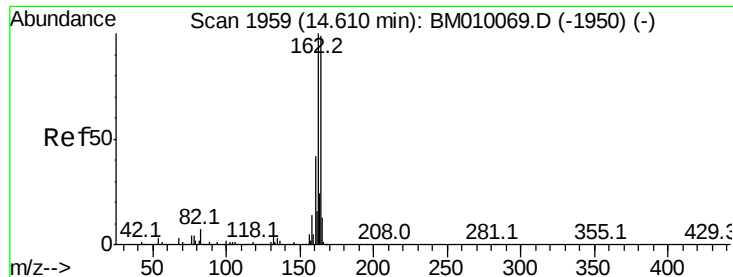
#23
Nitrobenzene-d5
Concen: 110.94 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010196.D
Acq: 25 May 2017 01:50

Tgt Ion: 82	Resp:	826962
Ion	Ratio	Lower Upper
82	100	
128	34.9	32.8 49.2
54	48.4	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: BM010196.D

Acq: 25 May 2017 01:50

Instrument :

BNA_M

ClientSampled :

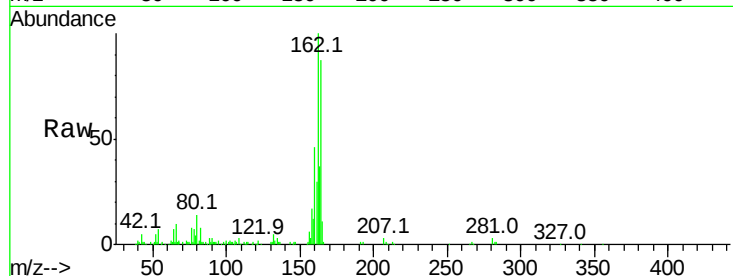
Tot Ion:164 Resp: 133295

Ion	Ratio	Lower	Upper
164	100		
162	115.1	82.4	123.6
160	53.1	35.8	53.6

164 100

162 115.1 82.4 123.6

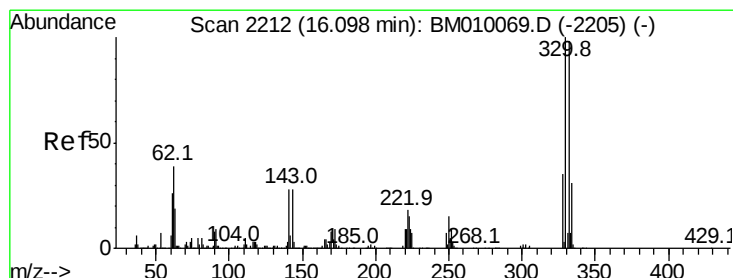
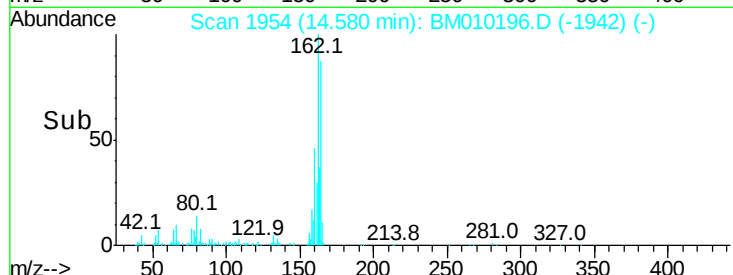
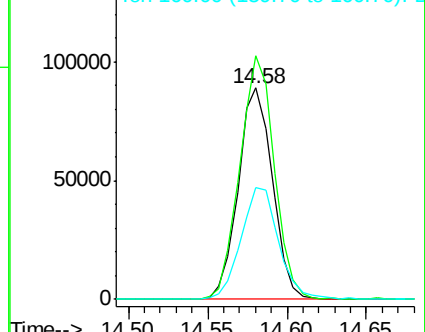
160 53.1 35.8 53.6



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: 295.49 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

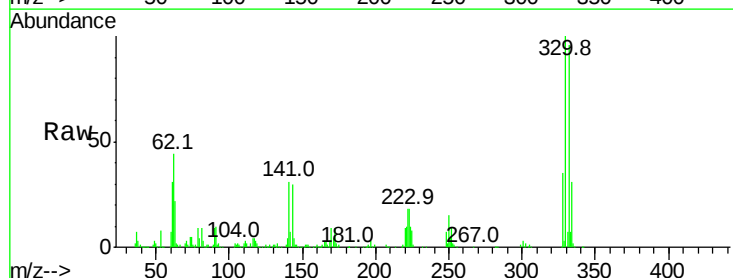
Tgt Ion:330 Resp: 598215

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	33.7	0.0	0.0#

330 100

332 96.0 0.0 0.0#

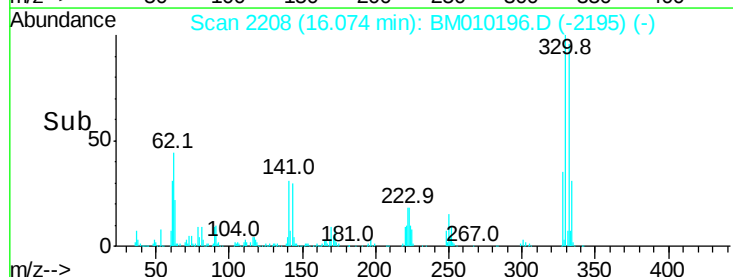
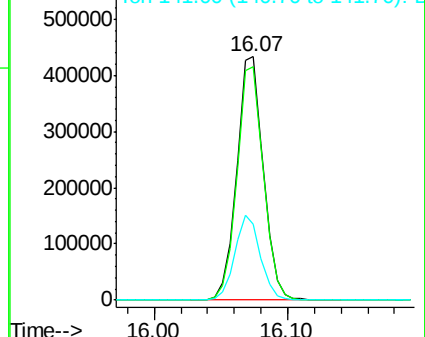
141 33.7 0.0 0.0#



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: 198.78 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

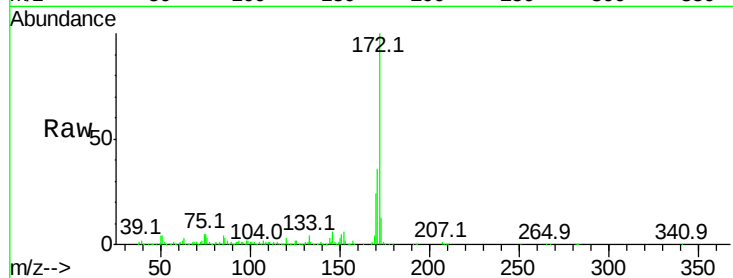
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 2061043

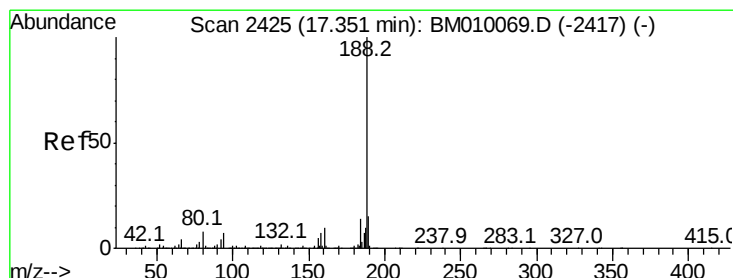
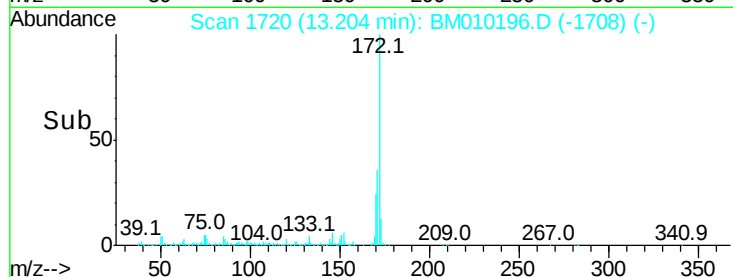
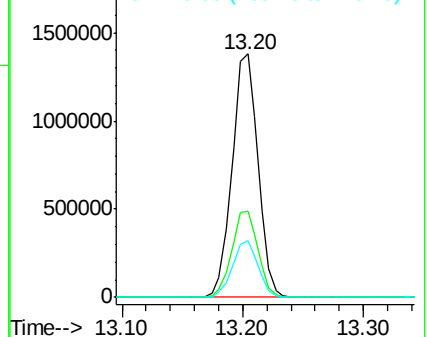
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.5	18.8	28.2



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

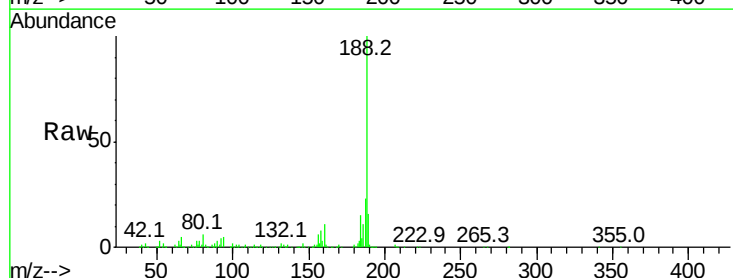
Delta R.T. -0.02 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

Tgt Ion:188 Resp: 522418

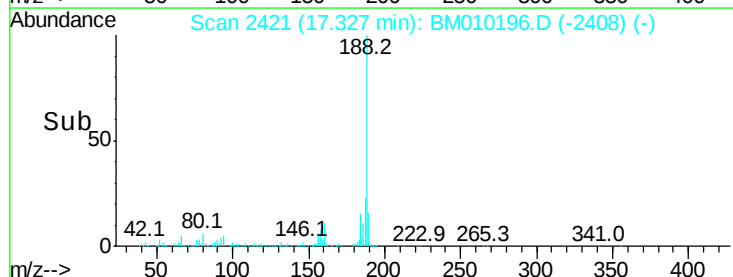
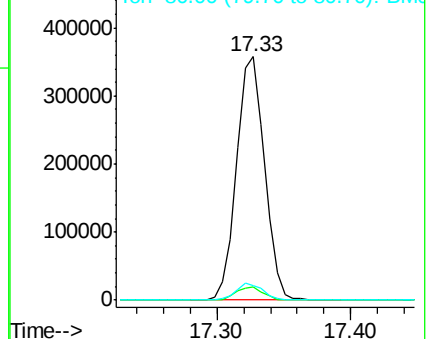
Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	6.0	9.3	13.9#

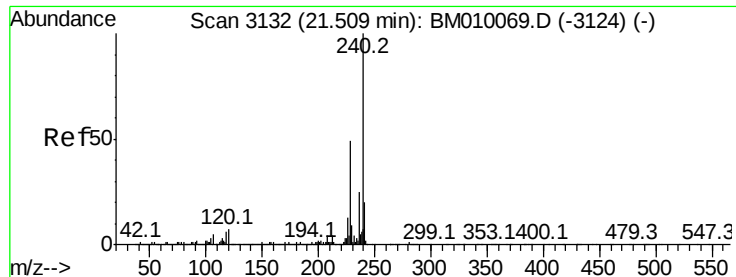


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM010196.D

Acq: 25 May 2017 01:50

Instrument :

BNA_M

ClientSampleId :

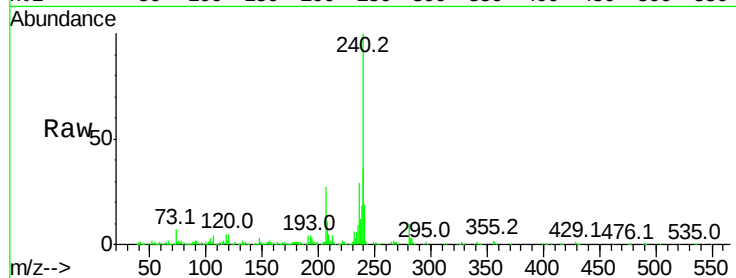
Tot Ion:240 Resp: 432769

Ion Ratio Lower Upper

240 100

120 4.7 8.2 12.2#

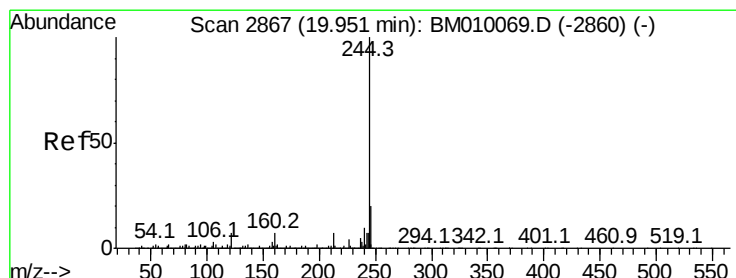
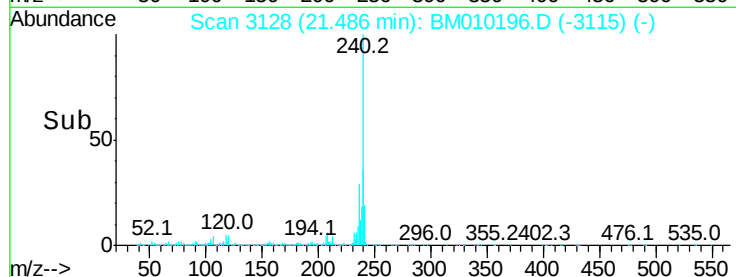
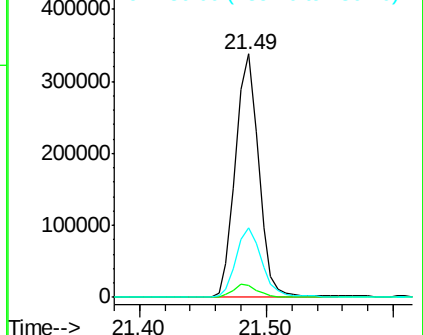
236 28.8 20.0 30.0



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: 162.79 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010196.D

Acq: 25 May 2017 01:50

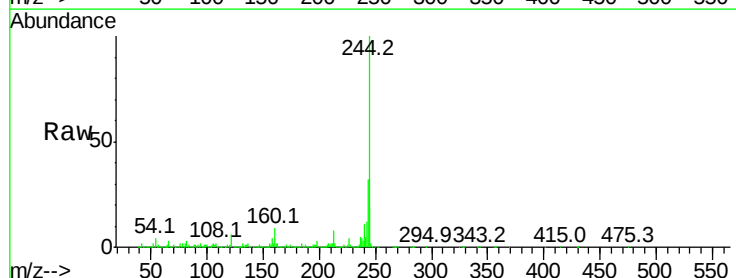
Tgt Ion:244 Resp: 3098340

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

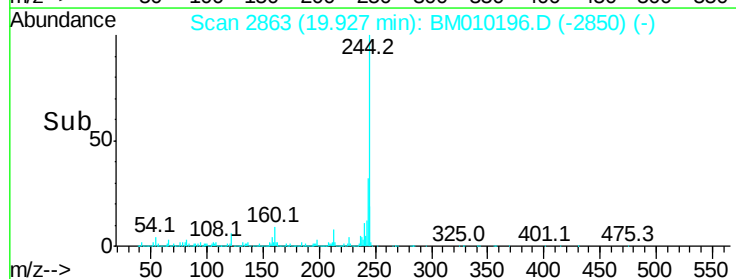
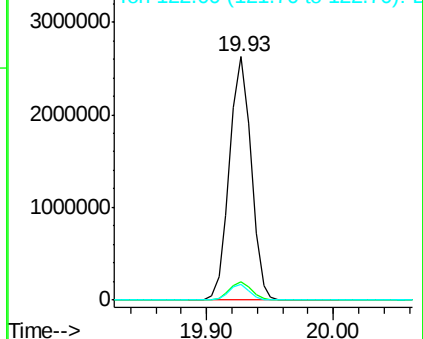
122 6.3 6.2 9.4

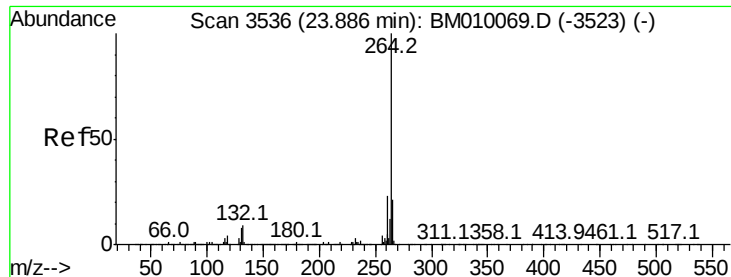


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.85 min Scan# 3530
 Delta R.T. -0.04 min
 Lab File: BM010196.D
 Acq: 25 May 2017 01:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	148.7	18.6	27.8#
265	93.1	17.3	25.9#

