

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010077.D
 Acq On : 19 May 2017 20:03
 Operator : SJ/MA
 Sample : I3202-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-1COMP

Quant Time: May 20 03:59:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 14:14:03 2017
 Response via : Initial Calibration

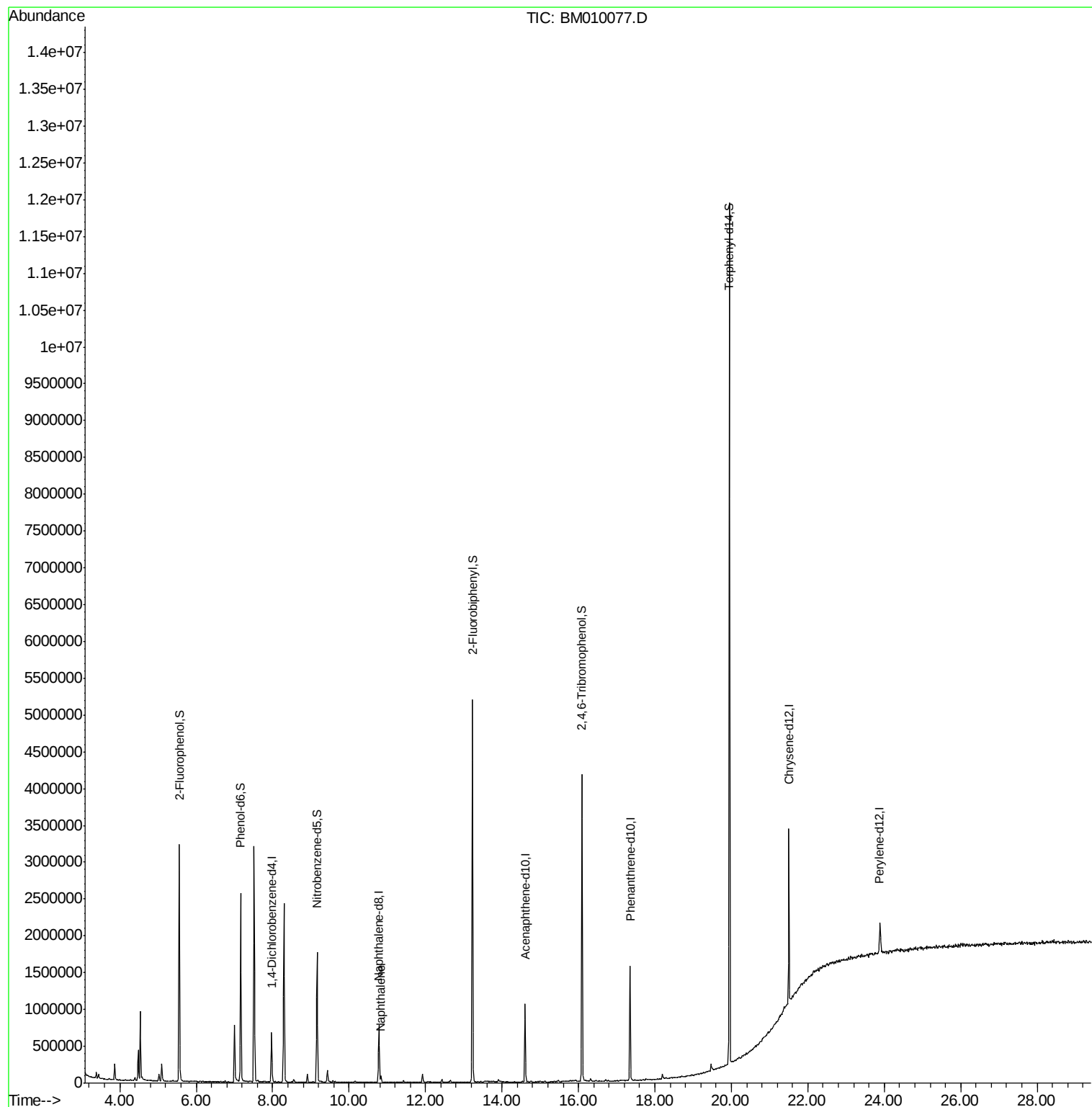
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	177269	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	604420	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	295887	20.00	ng	0.00
63) Phenanthrene-d10	17.35	188	894712	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1057217	20.00	ng	0.00
86) Perylene-d12	23.87	264	96488	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1225442	124.84	ng	0.00
7) Phenol-d6	7.16	99	1316509	104.23	ng	0.00
23) Nitrobenzene-d5	9.16	82	996431	88.94	ng	0.00
41) 2,4,6-Tribromophenol	16.09	330	741294	164.96	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	2505878	108.87	ng	0.00
78) Terphenyl-d14	19.95	244	4820895	103.69	ng	0.00
Target Compounds						
31) Naphthalene	10.83	128	67837	2.10	ng	Qvalue # 95

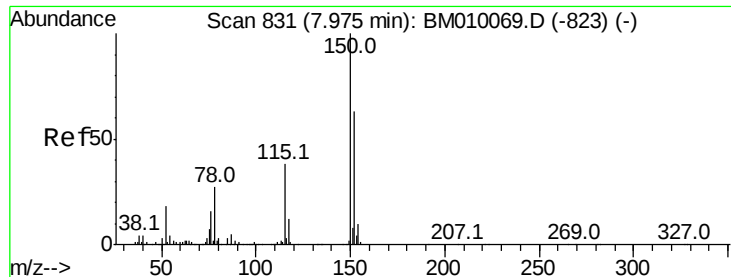
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

SB-1COMP

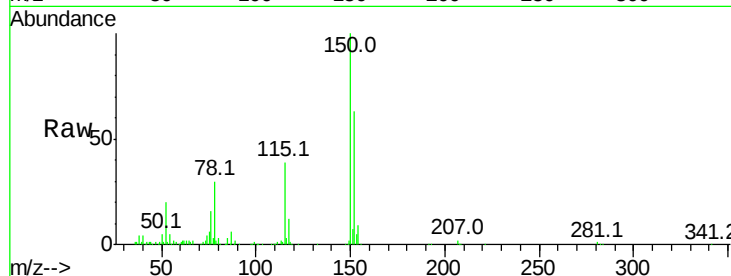
Tot Ion:152 Resp: 177269

Ion Ratio Lower Upper

152 100

150 159.0 119.5 179.3

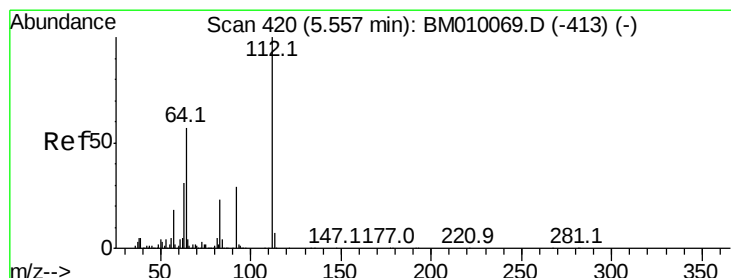
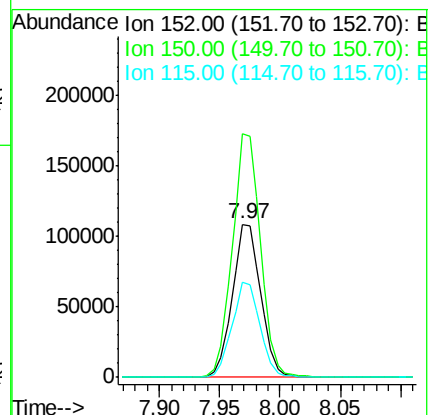
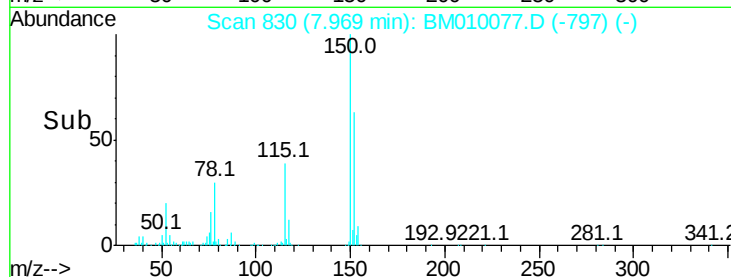
115 62.3 43.0 64.4



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: 124.84 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

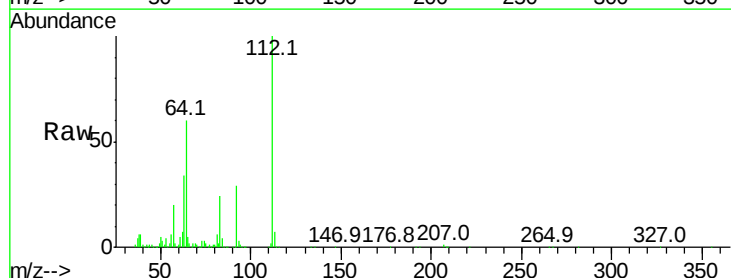
Tgt Ion:112 Resp: 1225442

Ion Ratio Lower Upper

112 100

64 60.5 38.6 57.8#

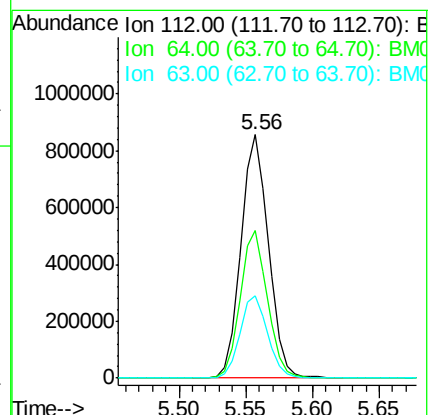
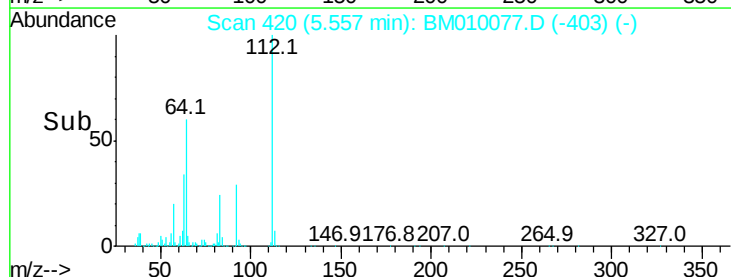
63 34.0 19.3 28.9#



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: 104.23 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

SB-1COMP

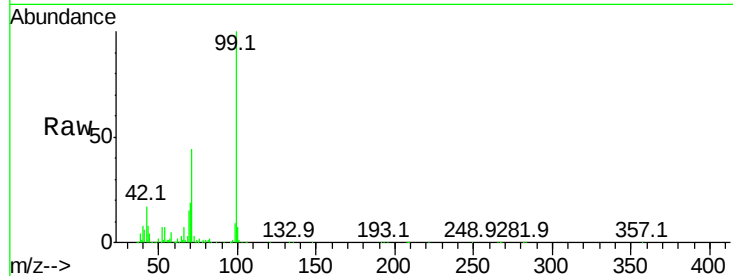
Tot Ion: 99 Resp: 1316509

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

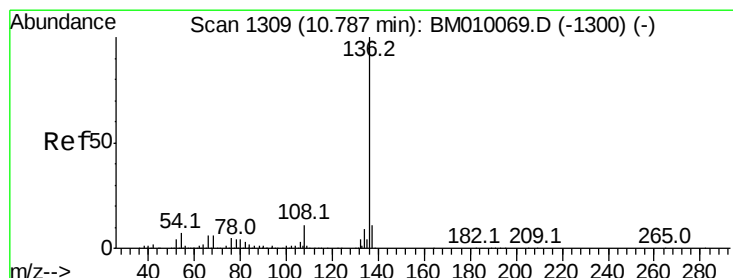
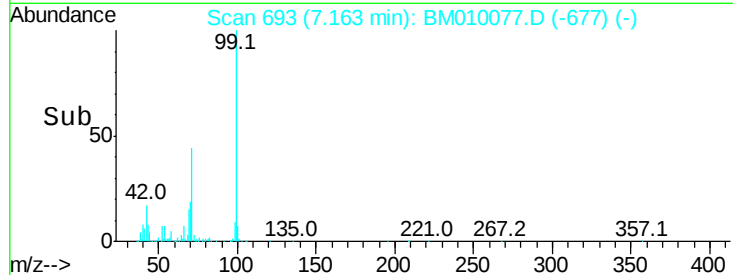
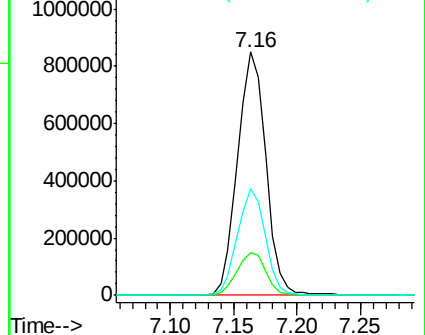
71 43.8 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Tgt Ion: 136 Resp: 604420

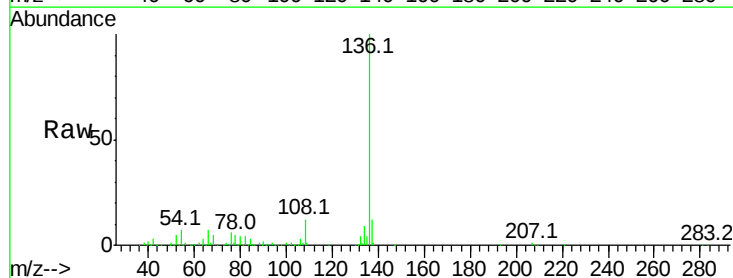
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 6.6 4.6 6.8

68 5.5 3.7 5.5

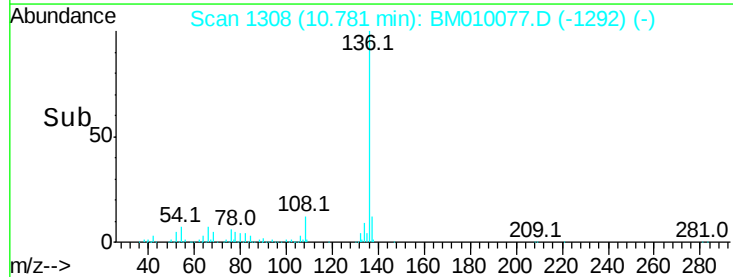
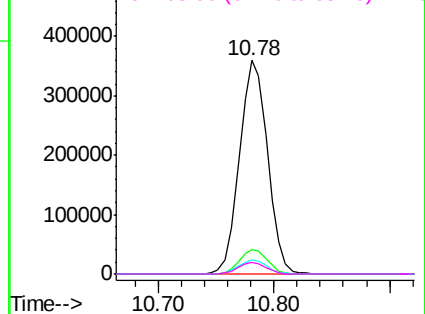


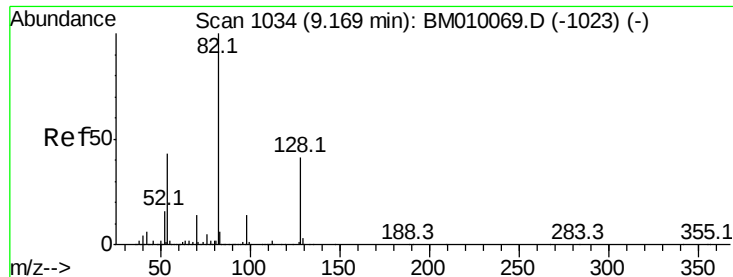
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

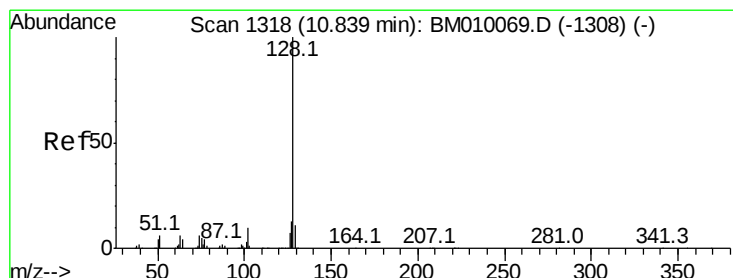
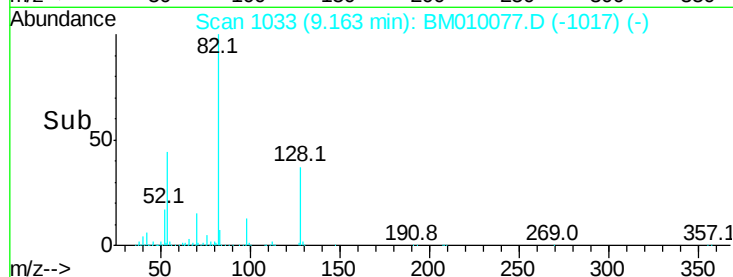
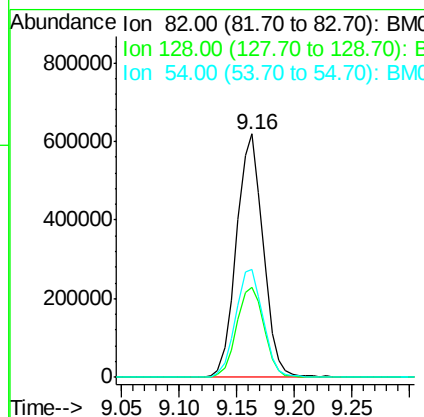
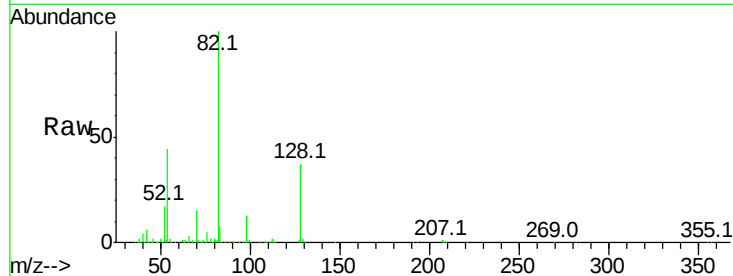




#23
 Nitrobenzene-d5
 Concen: 88.94 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

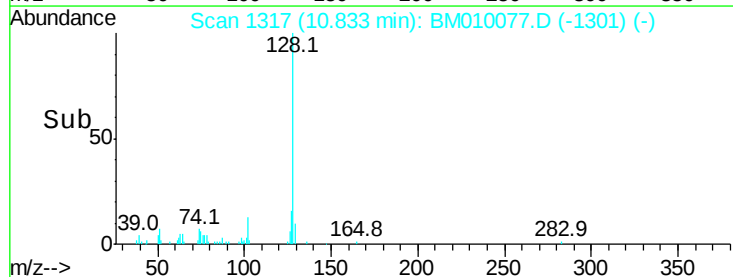
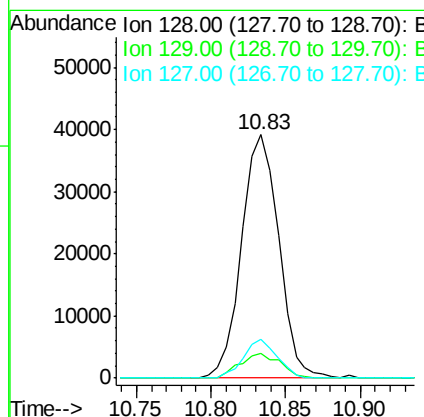
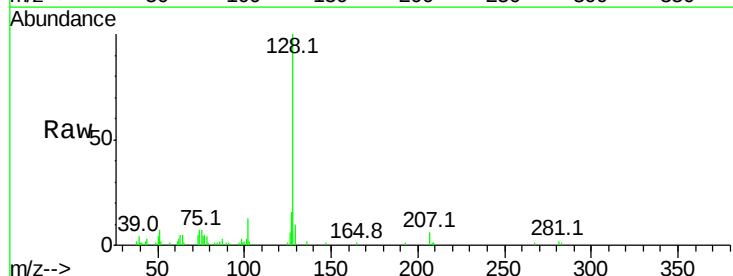
Instrument :
 BNA_M
 ClientSampleId :
 SB-1COMP

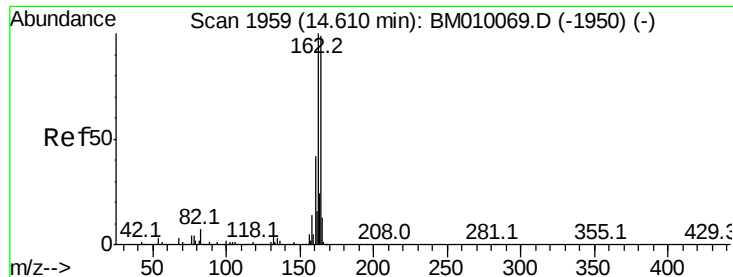
Tot Ion	82	Resp	996431
Ion Ratio	Lower	Upper	
82	100		
128	37.2	32.8	49.2
54	44.5	40.6	60.8



#31
 Naphthalene
 Concen: 2.10 ng
 RT: 10.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Tgt Ion	128	Resp	67837
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.9	13.3
127	16.0	10.4	15.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

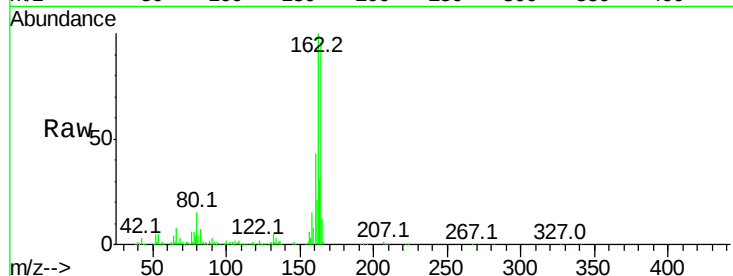
BNA_M

ClientSampleId :

SB-1COMP

Tot Ion:164 Resp: 295887

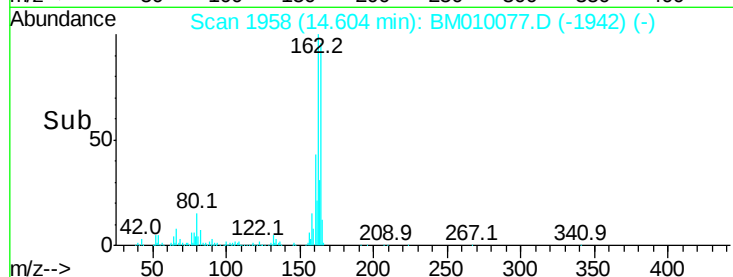
Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.4	123.6
160	45.1	35.8	53.6



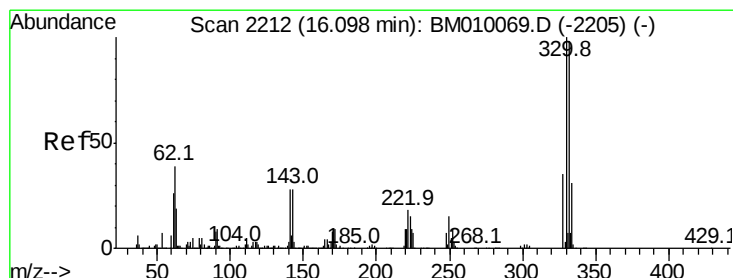
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 164.96 ng

RT: 16.09 min Scan# 2211

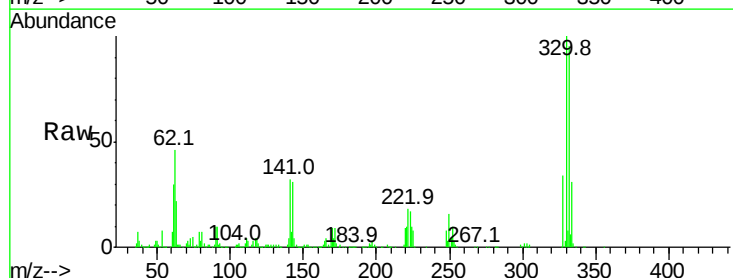
Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Tgt Ion:330 Resp: 741294

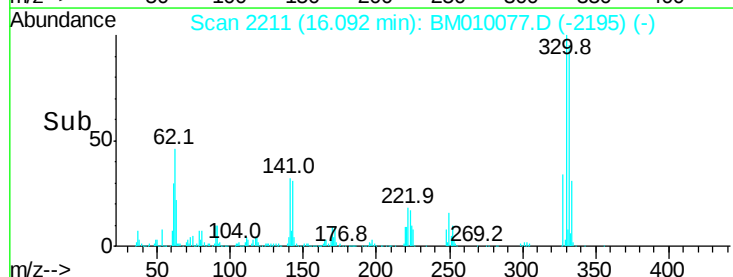
Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	31.0	0.0	0.0#



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



Time-->

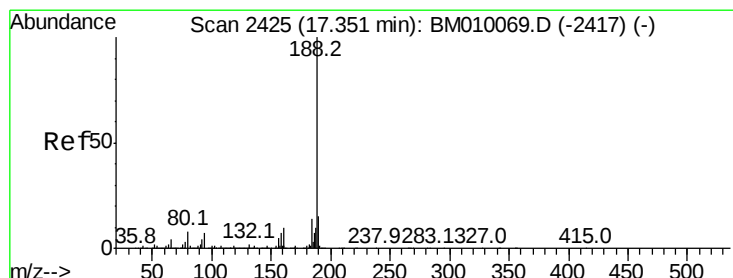
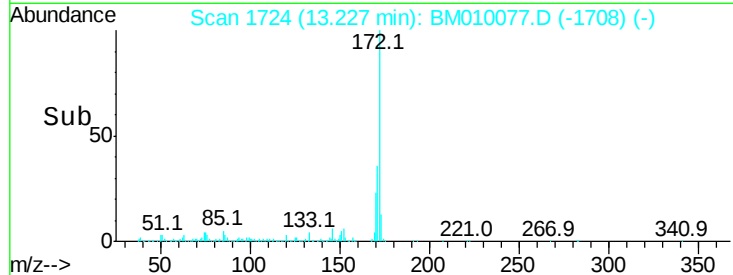
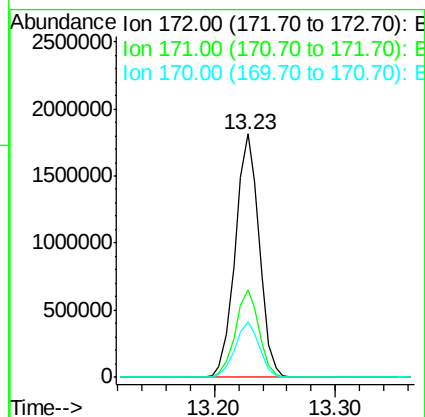
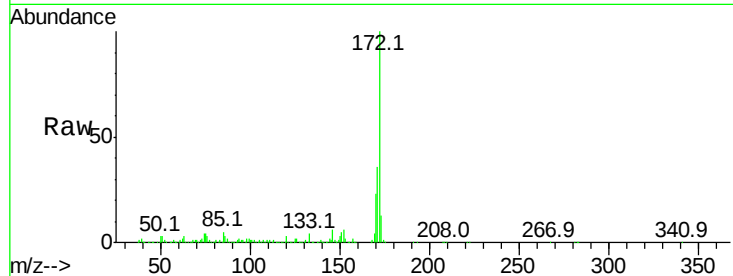


#44
 2-Fluorobiphenyl
 Concen: 108.87 ng
 RT: 13.23 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Instrument :
 BNA_M
 ClientSampleId :
 SB-1COMP

Tot Ion:172 Resp: 2505878

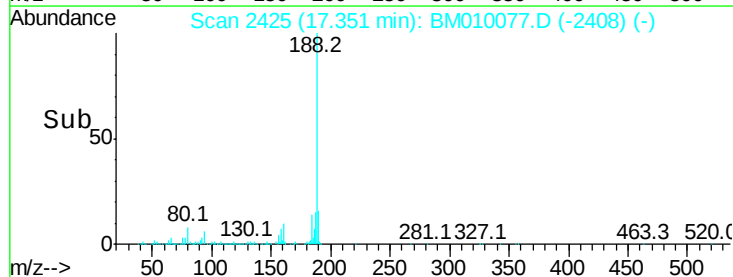
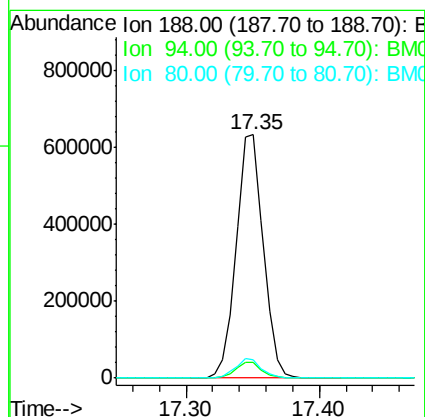
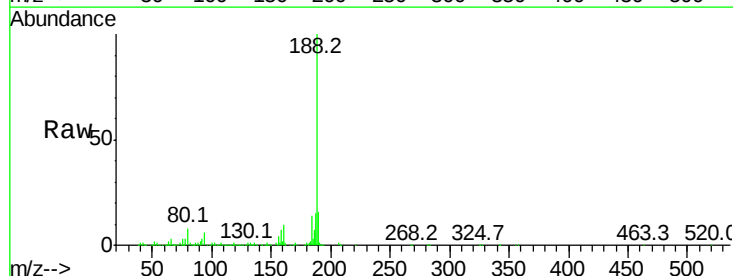
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	22.8	18.8	28.2

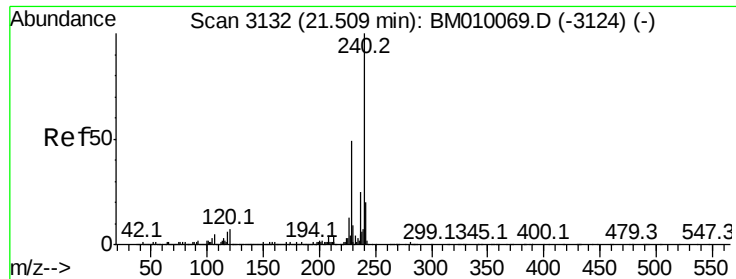


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.35 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Tgt Ion:188 Resp: 894712

Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	7.7	9.3	13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

SB-1COMP

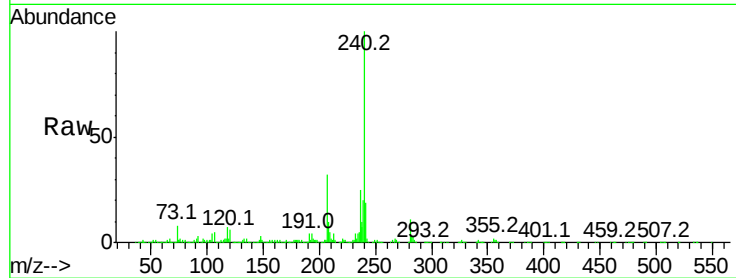
Tot Ion:240 Resp: 1057217

Ion	Ratio	Lower	Upper
240	100		
120	6.5	8.2	12.2#
236	25.5	20.0	30.0

240 100

120 6.5 8.2 12.2#

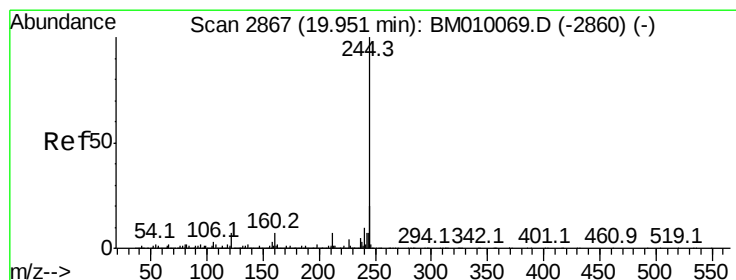
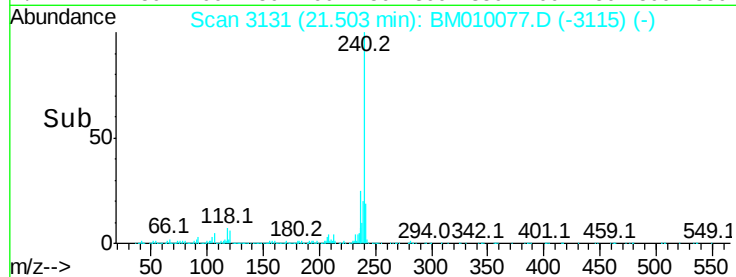
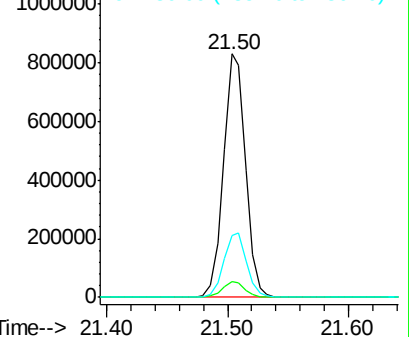
236 25.5 20.0 30.0



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: 103.69 ng

RT: 19.95 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

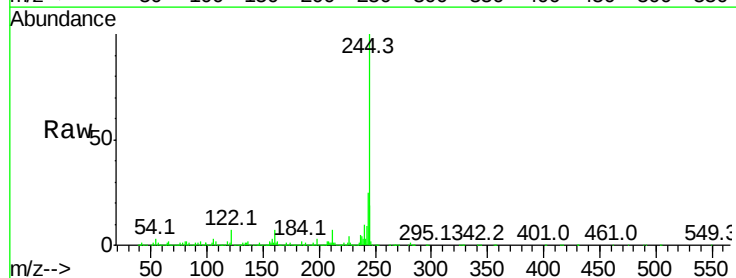
Tgt Ion:244 Resp: 4820895

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.6	6.2	9.4

244 100

212 7.2 4.9 7.3

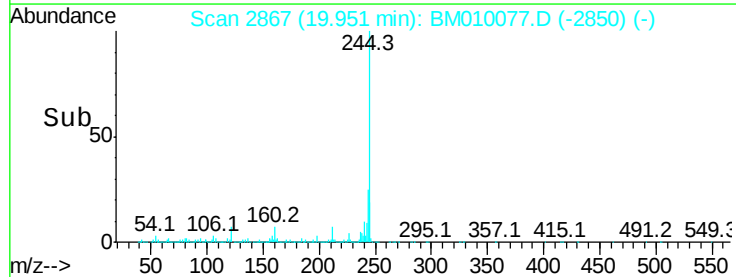
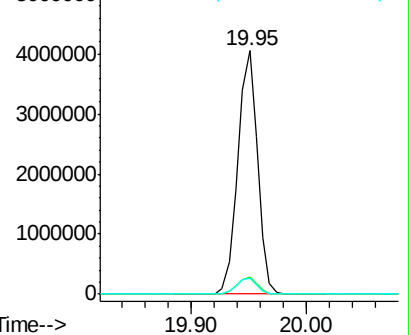
122 6.6 6.2 9.4

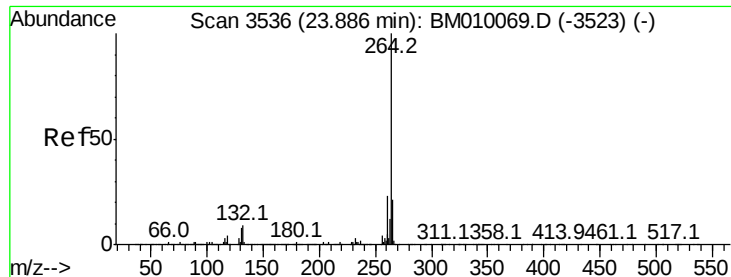


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.87 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

Instrument :
BNA_M
ClientSampleId :
SB-1COMP

Tot Ion: 264 Resp: 96488
Ion Ratio Lower Upper
264 100
260 44.7 18.6 27.8#
265 51.5 17.3 25.9#

