

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010118.D
 Acq On : 23 May 2017 00:35
 Operator : SJ/MA
 Sample : I3222-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 05:32:27 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

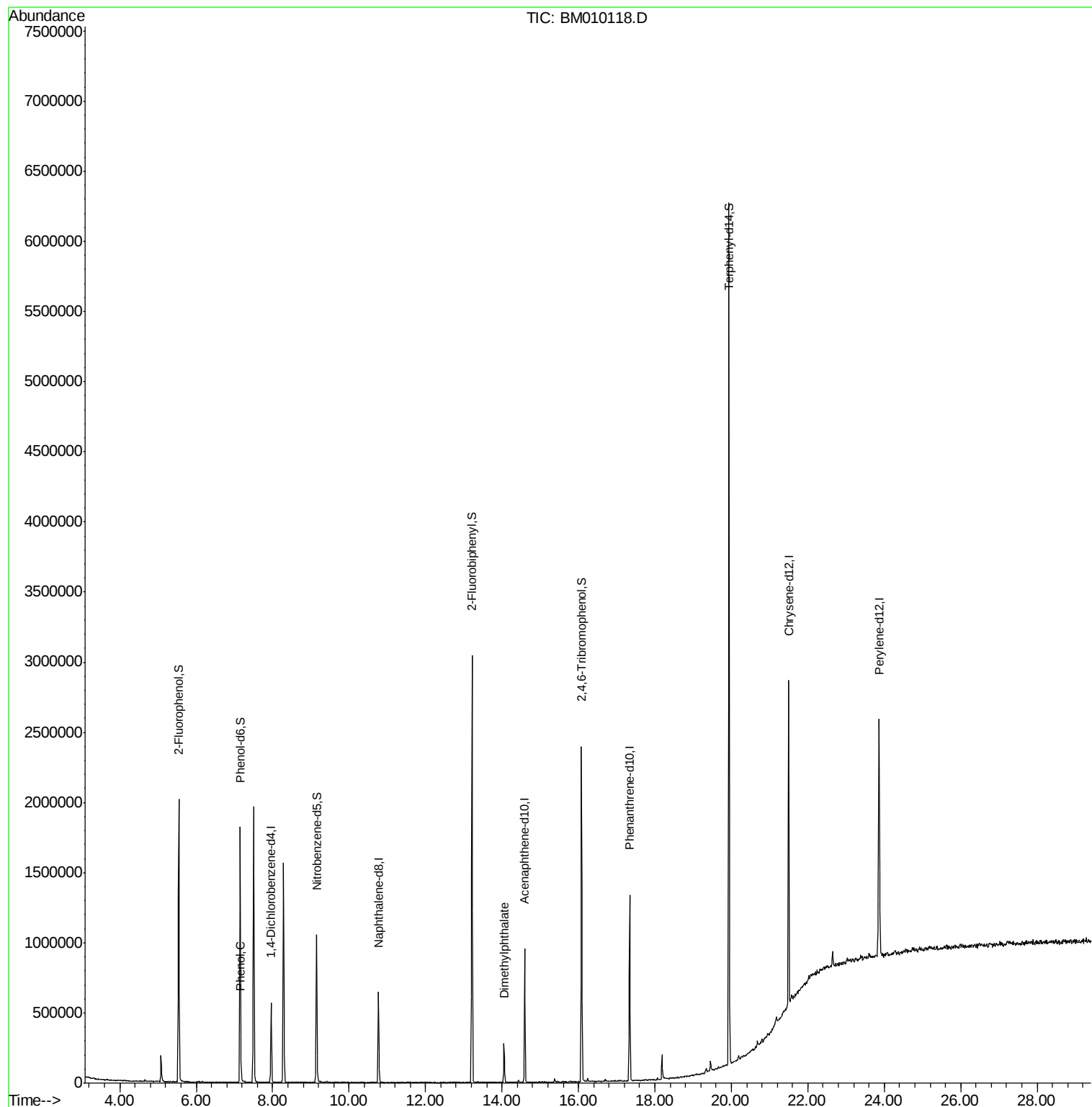
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	144154	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	488363	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	306108	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	770919	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1186766	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1352533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	768097	96.22	ng	-0.01
7) Phenol-d6	7.15	99	933646	90.89	ng	-0.02
23) Nitrobenzene-d5	9.15	82	600526	66.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	424881	91.39	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1479069	62.12	ng	-0.02
78) Terphenyl-d14	19.94	244	2613359	50.07	ng	-0.01
Target Compounds						
10) Phenol	7.17	94	22534	2.08	ng	Qvalue 83
49) Dimethylphthalate	14.05	163	166990	6.12	ng	# 97

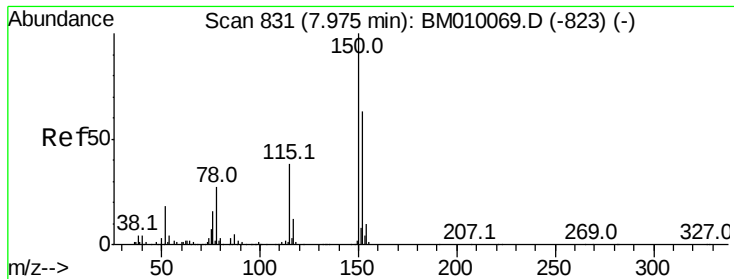
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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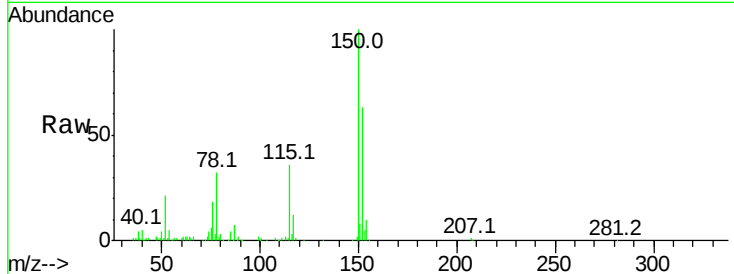


#1

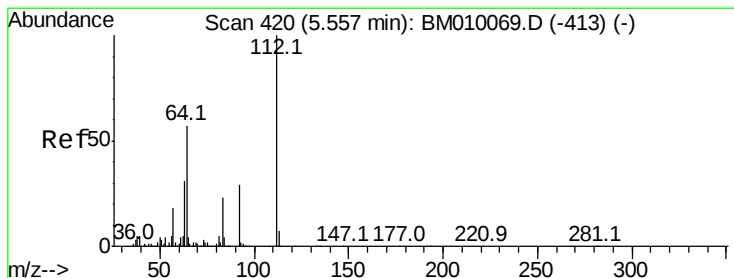
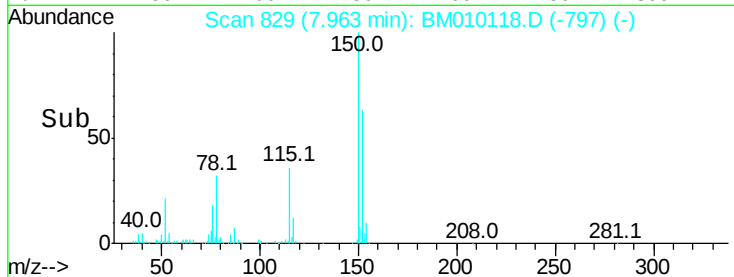
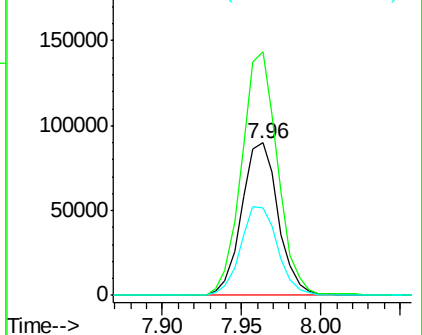
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	119.5	179.3
115	57.4	43.0	64.4



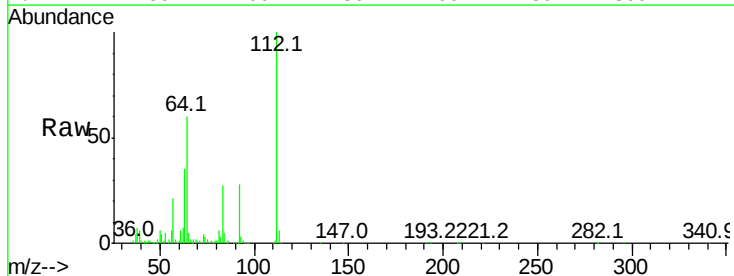
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



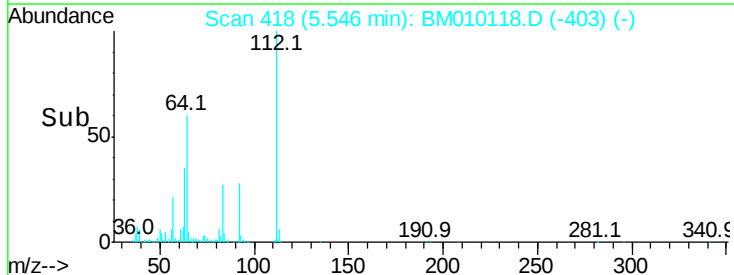
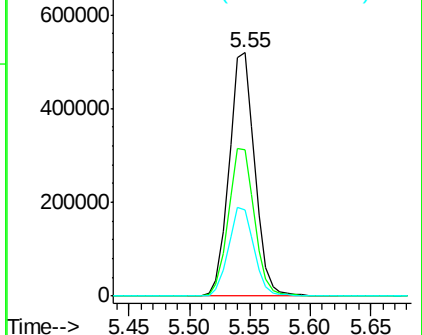
#5

2-Fluorophenol
Concen: 96.22 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	38.6	57.8#
63	35.3	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: 90.89 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

Instrument :

BNA_M

ClientSampleId :

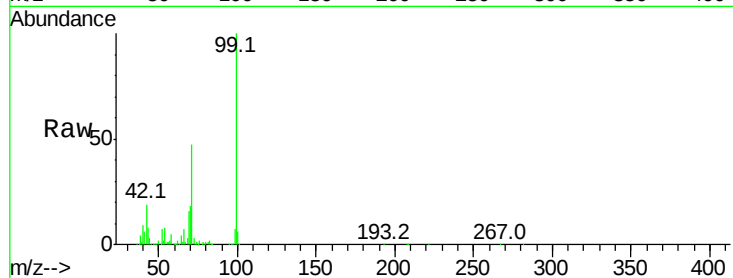
Tot Ion: 99 Resp: 933646

Ion Ratio Lower Upper

99 100

42 18.9 11.0 16.4#

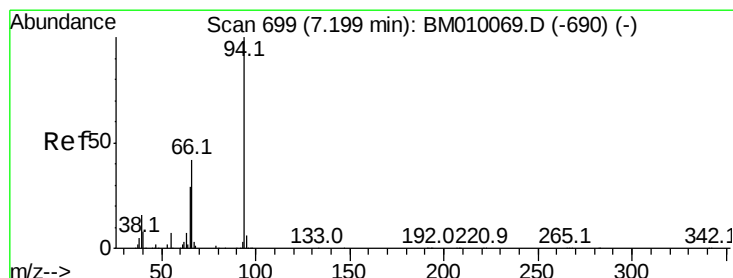
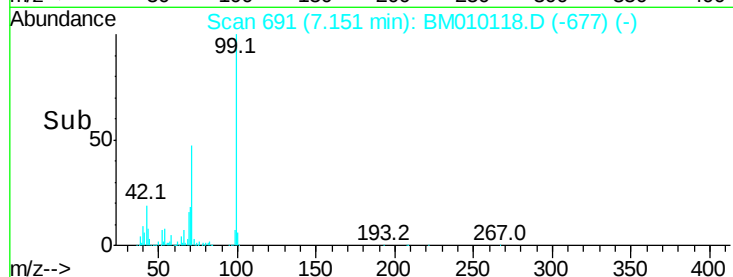
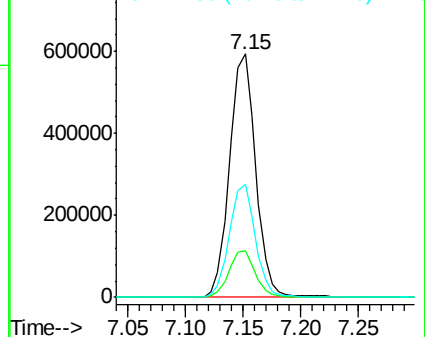
71 46.6 23.4 35.2#



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) (-)



#10

Phenol

Concen: 2.08 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

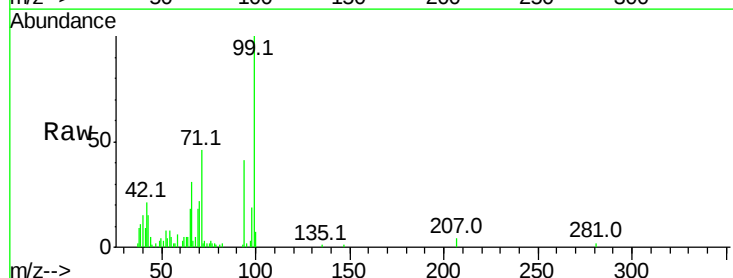
Tgt Ion: 94 Resp: 22534

Ion Ratio Lower Upper

94 100

65 44.9 18.8 58.8

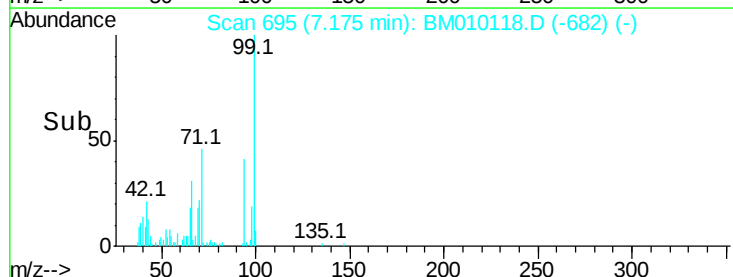
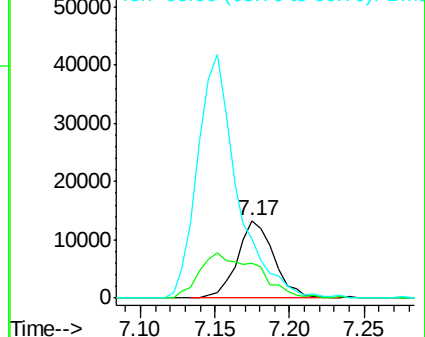
66 75.7 39.9 79.9

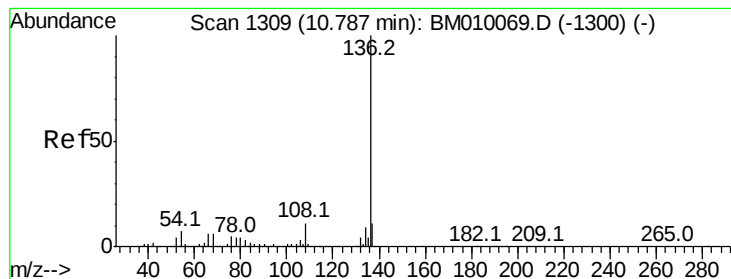


Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 488363

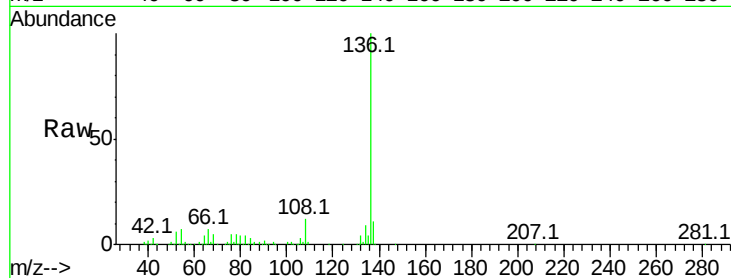
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.2 4.6 6.8#

68 5.4 3.7 5.5

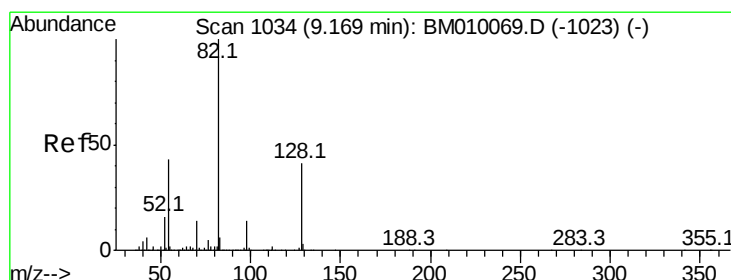
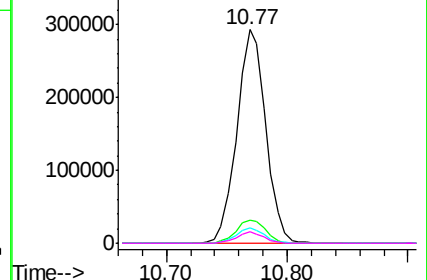
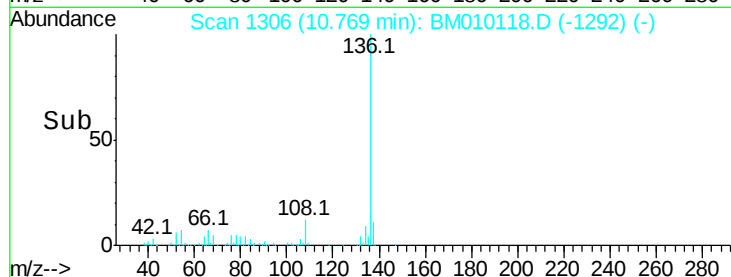


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.34 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

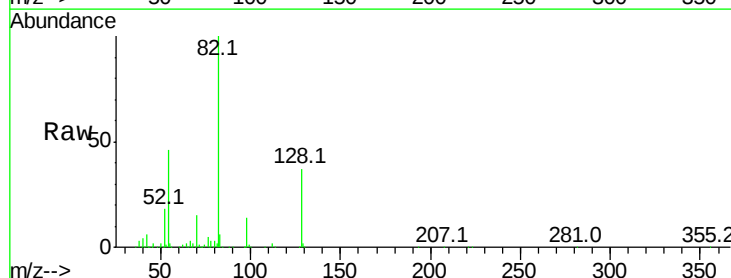
Tgt Ion: 82 Resp: 600526

Ion Ratio Lower Upper

82 100

128 37.4 32.8 49.2

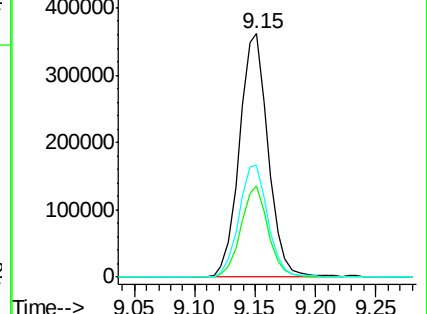
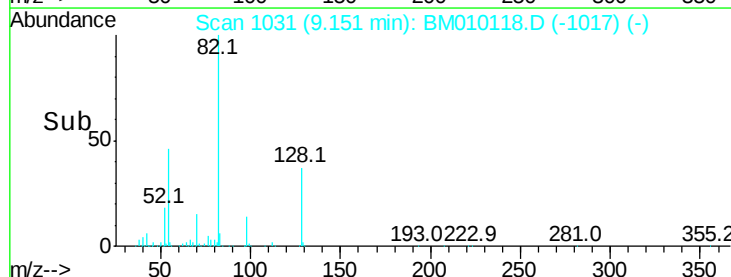
54 45.9 40.6 60.8



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: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

Instrument :

BNA_M

ClientSampled :

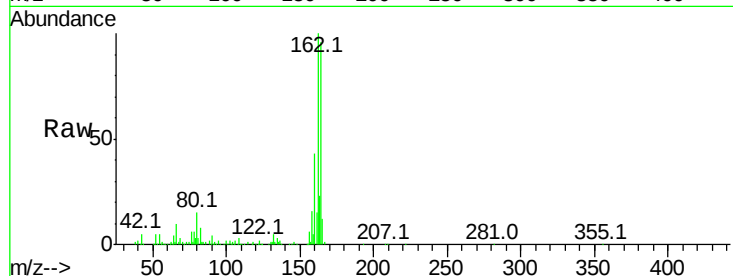
Tot Ion:164 Resp: 306108

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	45.1	35.8	53.6

164 100

162 104.7 82.4 123.6

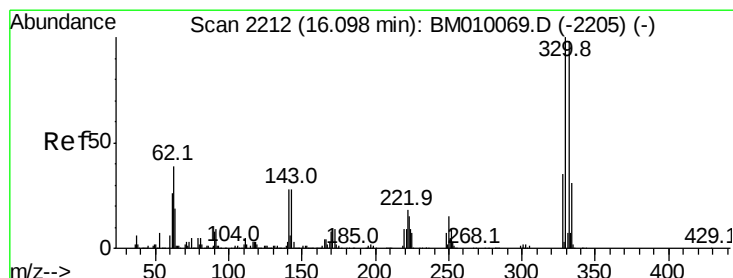
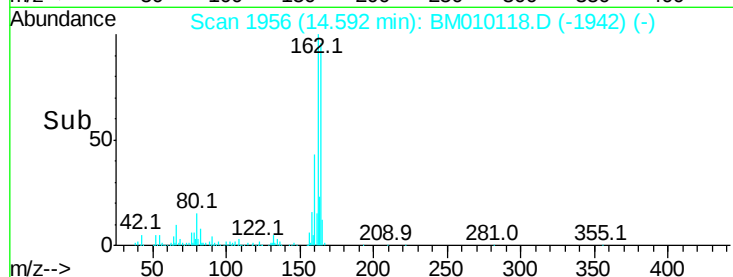
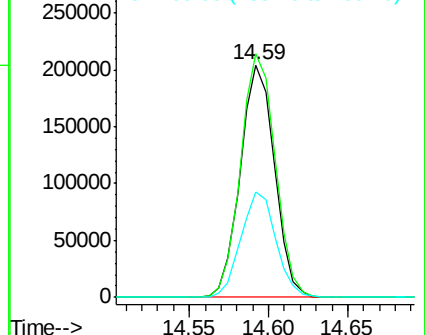
160 45.1 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 91.39 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

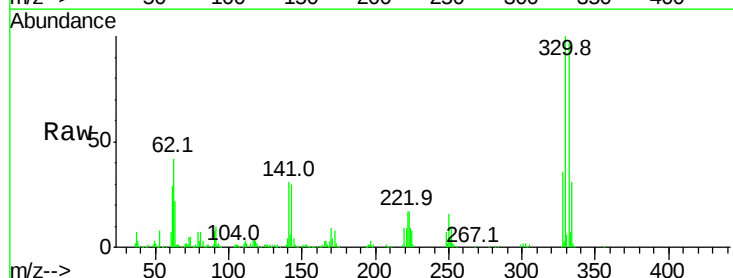
Tgt Ion:330 Resp: 424881

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	31.7	0.0	0.0#

330 100

332 96.3 0.0 0.0#

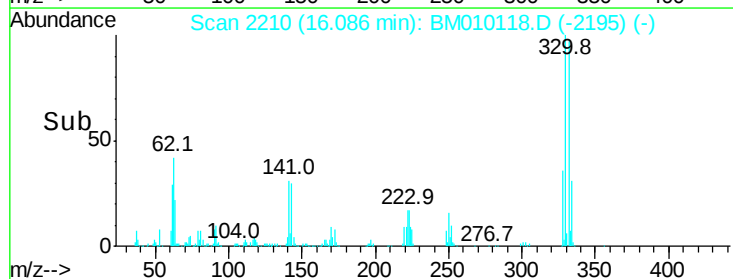
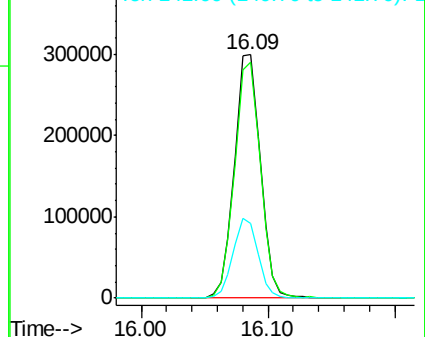
141 31.7 0.0 0.0#



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

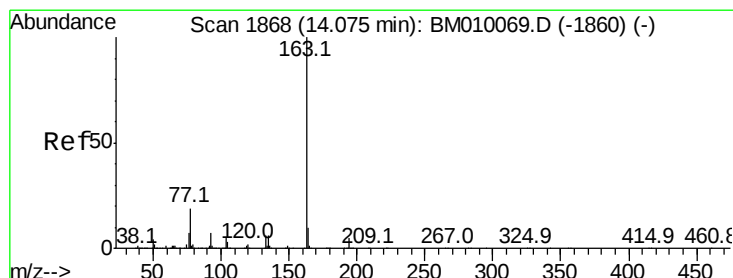
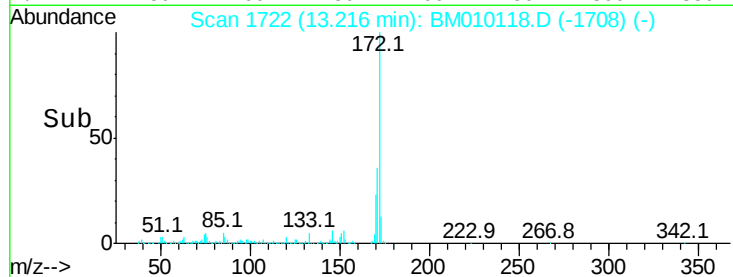
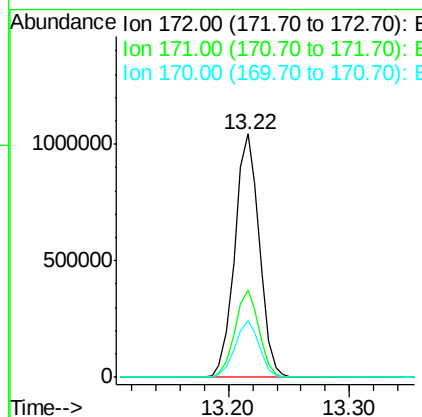
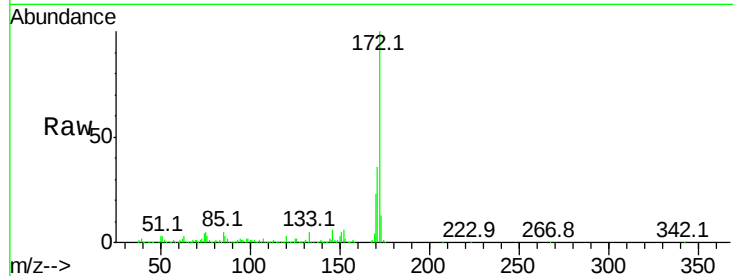




#44
2-Fluorobiphenyl
Concen: 62.12 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

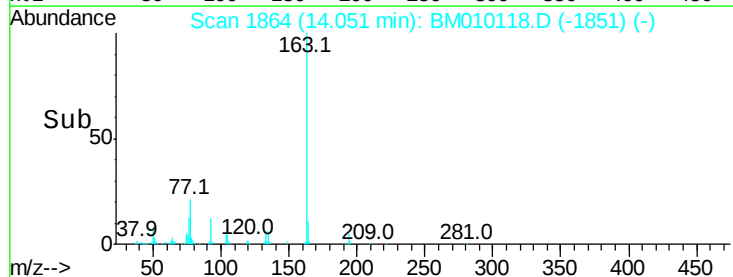
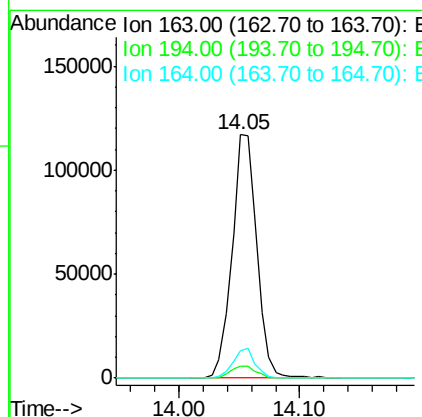
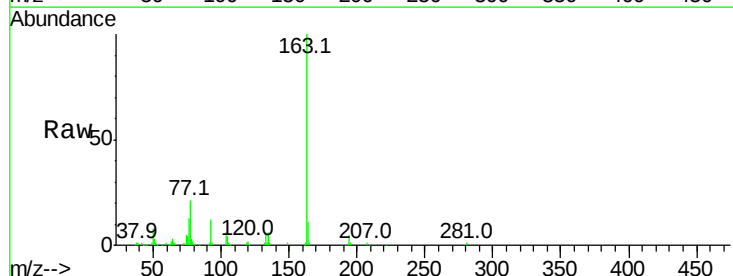
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1479069
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.2 18.8 28.2



#49
Dimethylphthalate
Concen: 6.12 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Tgt Ion:163 Resp: 166990
Ion Ratio Lower Upper
163 100
194 5.0 2.7 4.1#
164 11.2 8.2 12.2

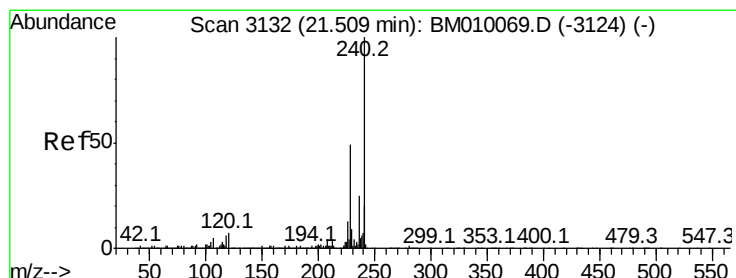
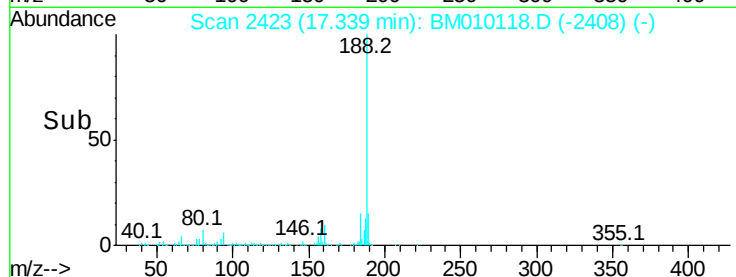
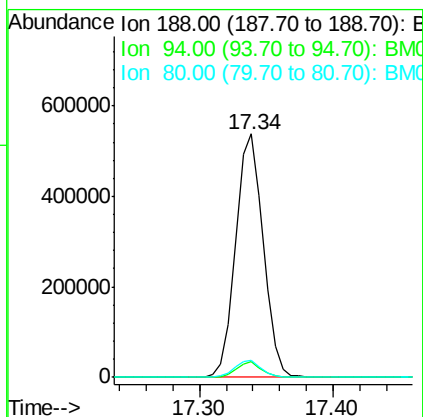
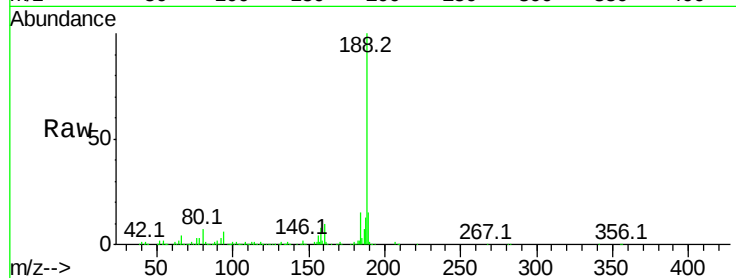




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

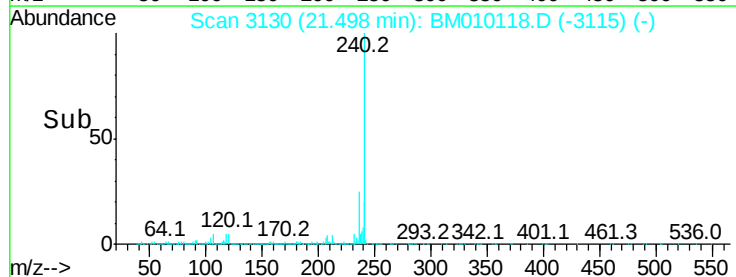
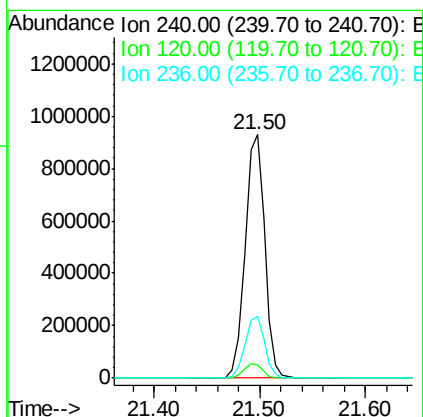
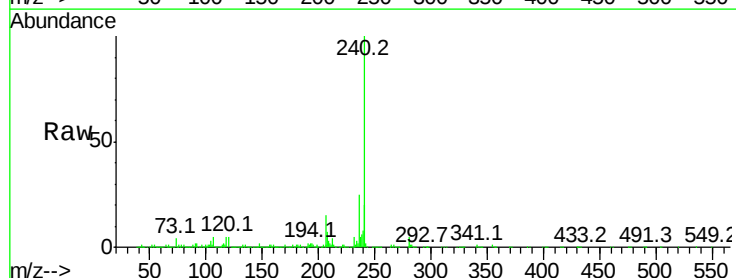
Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 770919
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 7.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM010118.D
Acq: 23 May 2017 00:35

Tgt Ion:240 Resp: 1186766
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 50.07 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

Instrument :

BNA_M

ClientSampled :

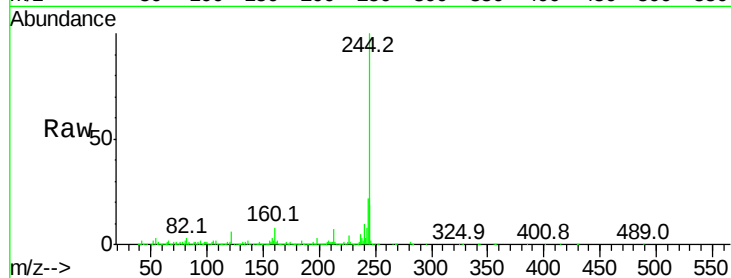
Tot Ion:244 Resp: 2613359

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

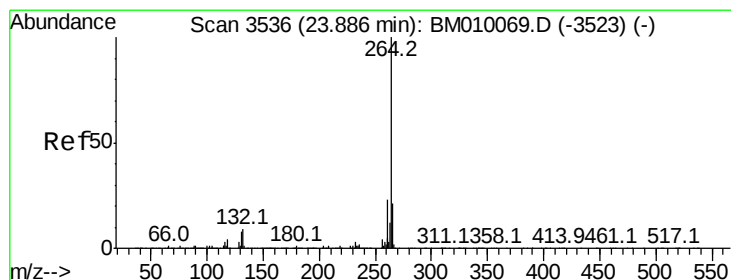
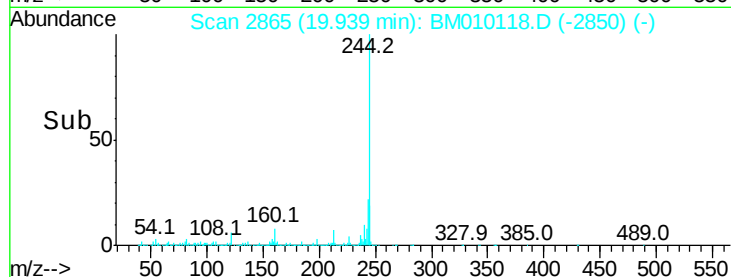
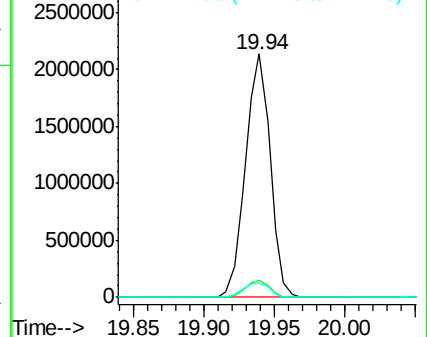
122 6.2 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BM010118.D

Acq: 23 May 2017 00:35

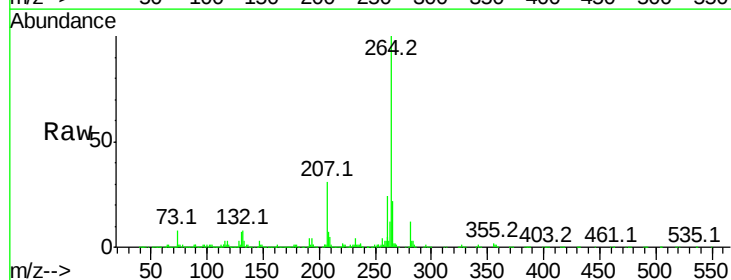
Tgt Ion:264 Resp: 1352533

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

