

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010123.D
 Acq On : 23 May 2017 03:35
 Operator : SJ/MA
 Sample : I3222-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-18

Quant Time: May 23 06:49:32 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

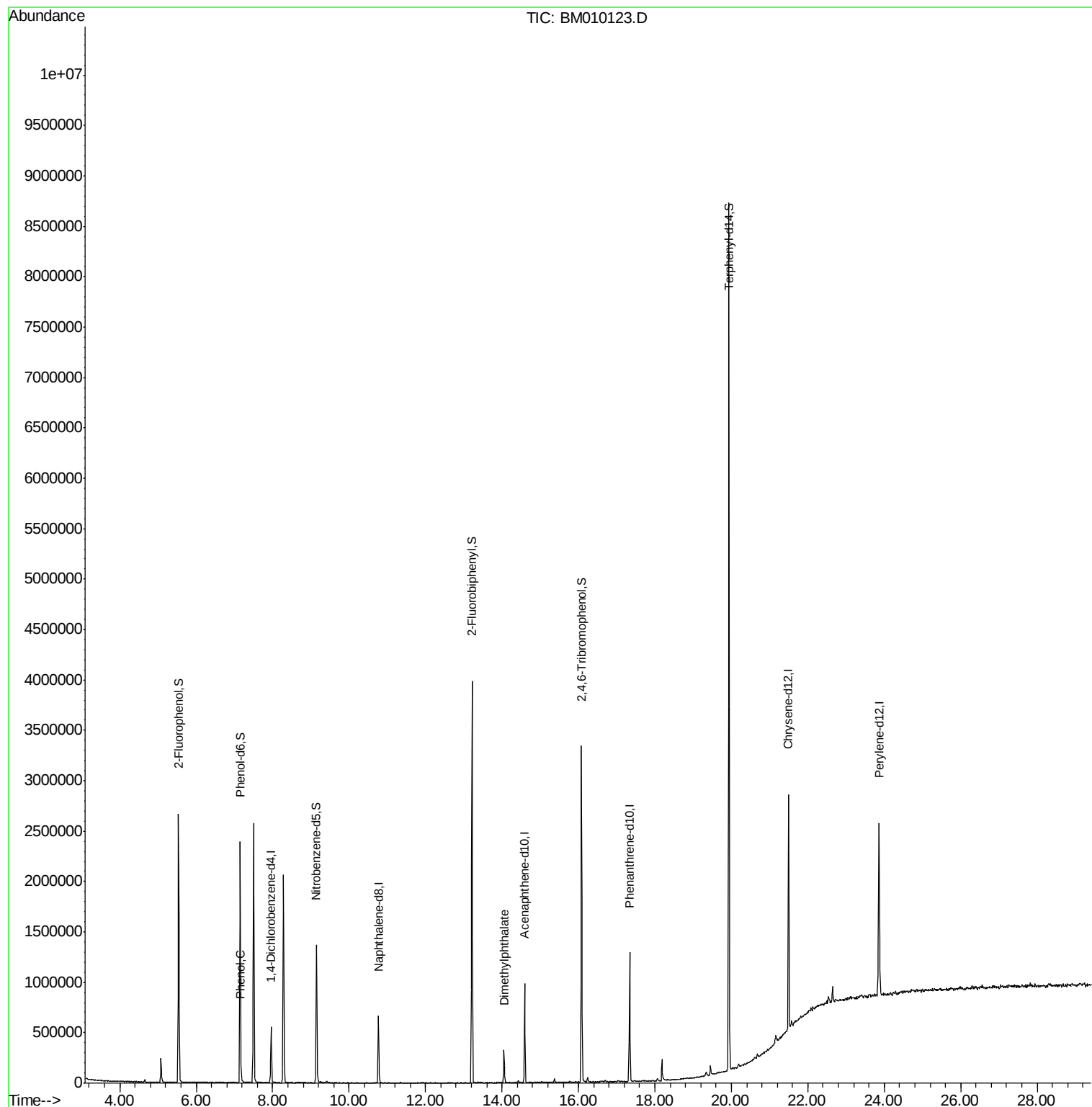
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	144408	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	493180	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	304637	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	771221	20.00	ng	-0.02
75) Chrysene-d12	21.50	240	1213240	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1361446	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	979719	122.52	ng	-0.02
7) Phenol-d6	7.15	99	1191519	115.80	ng	-0.02
23) Nitrobenzene-d5	9.15	82	768780	84.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	582464	125.89	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1936256	81.71	ng	-0.02
78) Terphenyl-d14	19.94	244	3506536	65.72	ng	-0.01
Target Compounds						
10) Phenol	7.17	94	24826	2.29	ng	Qvalue 92
49) Dimethylphthalate	14.05	163	193048	7.10	ng	# 98

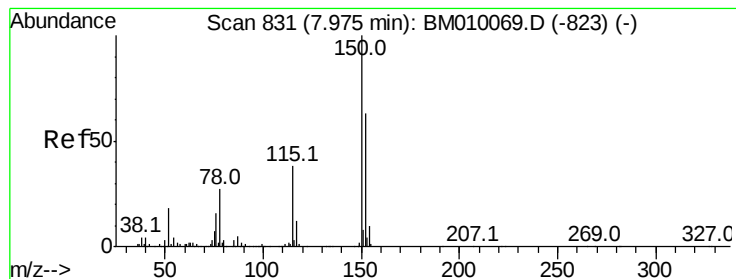
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010123.D

Acq: 23 May 2017 03:35

Instrument :

BNA_M

ClientSampleId :

EX-18

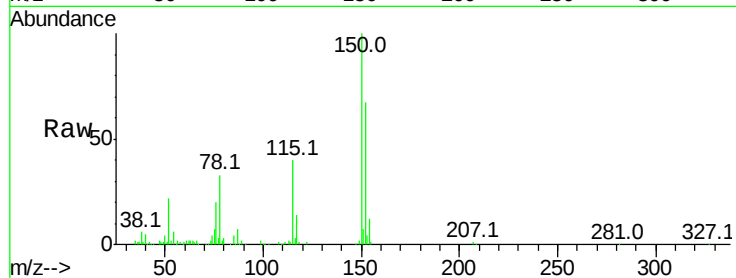
Tot Ion:152 Resp: 144408

Ion Ratio Lower Upper

152 100

150 149.1 119.5 179.3

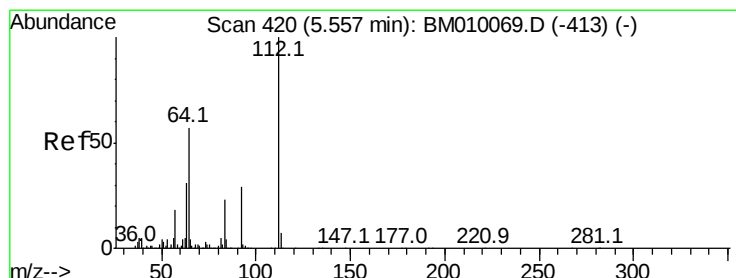
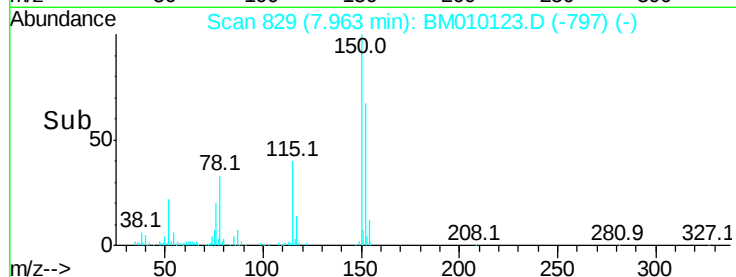
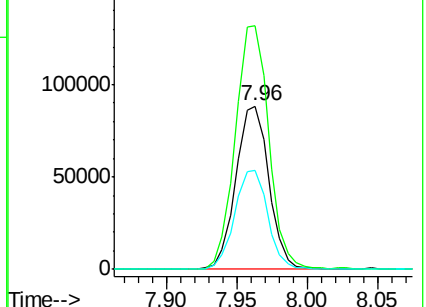
115 60.3 43.0 64.4



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: 122.52 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010123.D

Acq: 23 May 2017 03:35

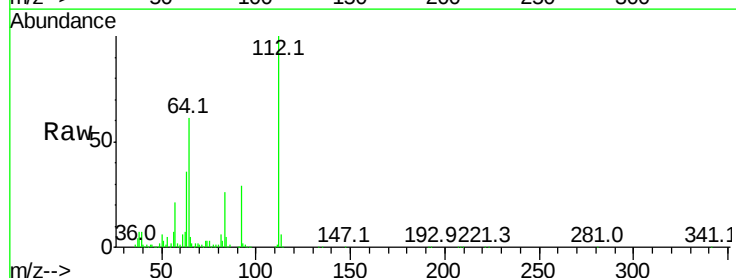
Tgt Ion:112 Resp: 979719

Ion Ratio Lower Upper

112 100

64 61.4 38.6 57.8#

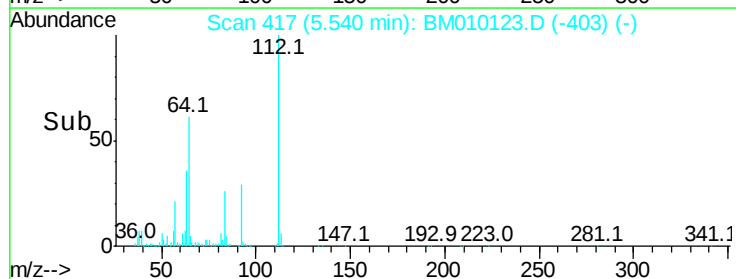
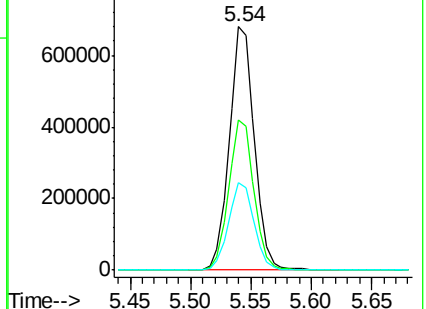
63 36.1 19.3 28.9#

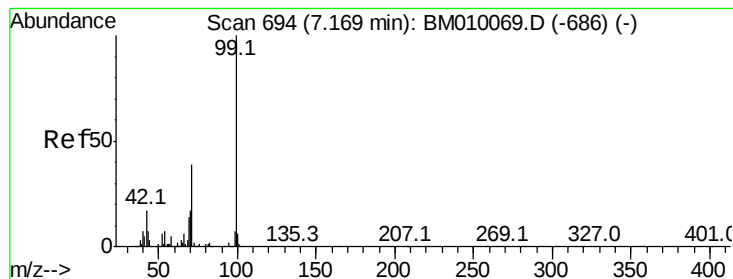


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 115.80 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010123.D

Acq: 23 May 2017 03:35

Instrument :

BNA_M

ClientSampleId :

EX-18

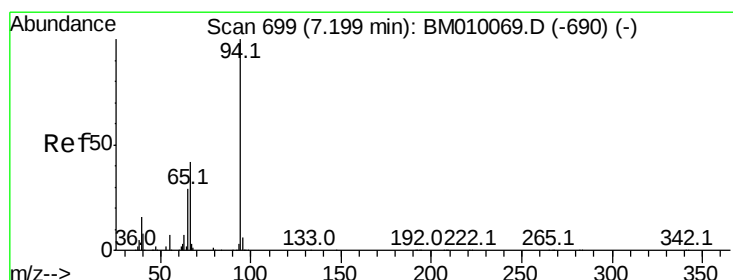
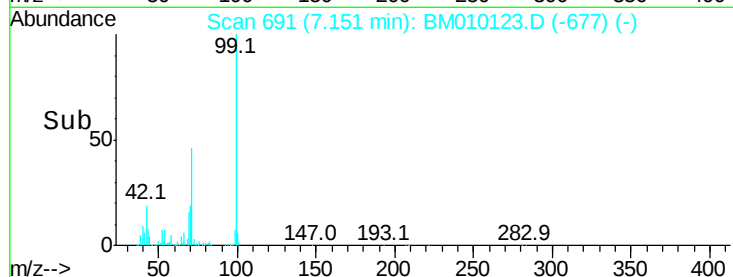
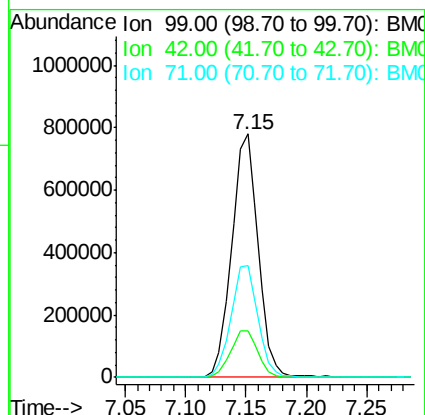
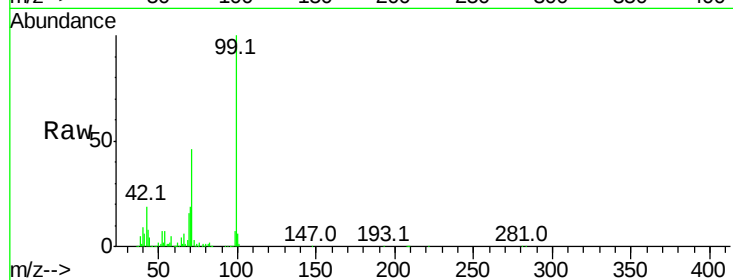
Tot Ion: 99 Resp: 1191519

Ion Ratio Lower Upper

99 100

42 19.2 11.0 16.4#

71 45.9 23.4 35.2#



#10

Phenol

Concen: 2.29 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BM010123.D

Acq: 23 May 2017 03:35

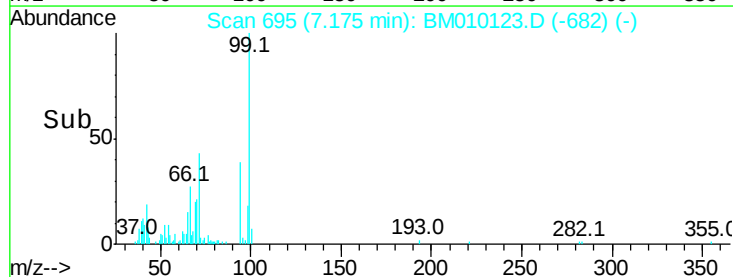
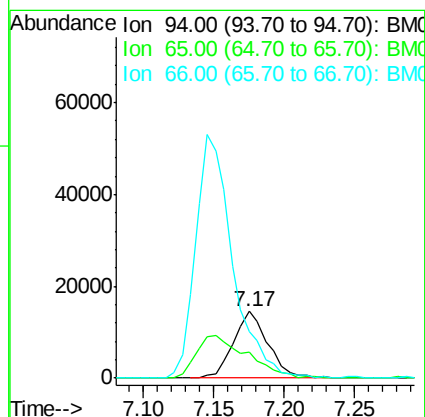
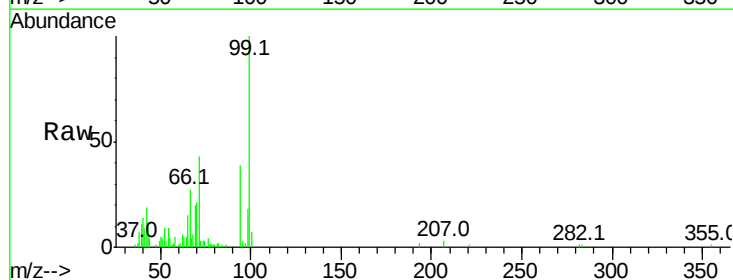
Tgt Ion: 94 Resp: 24826

Ion Ratio Lower Upper

94 100

65 38.8 18.8 58.8

66 70.2 39.9 79.9

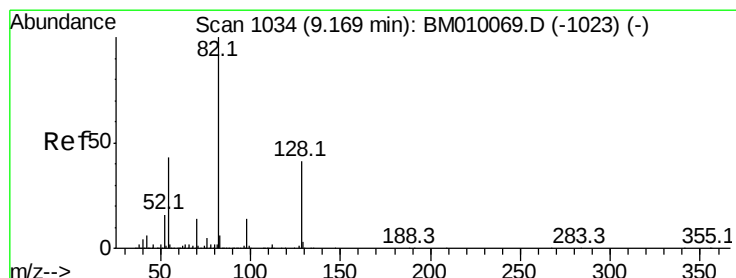
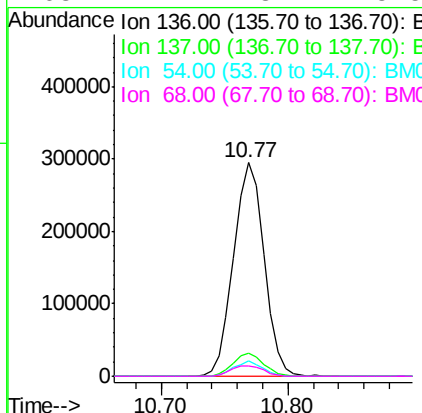
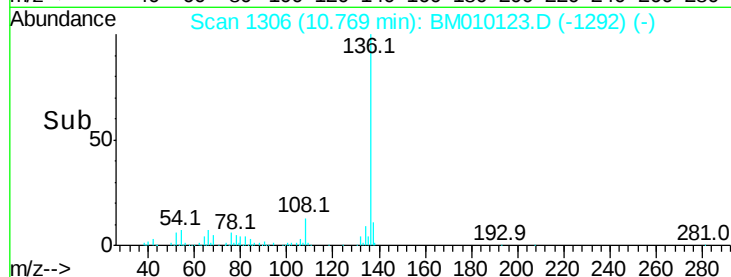
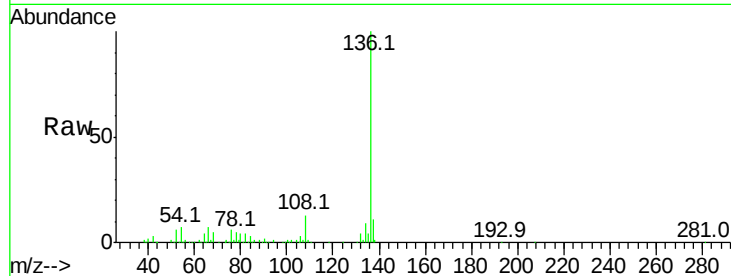




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010123.D
Acq: 23 May 2017 03:35

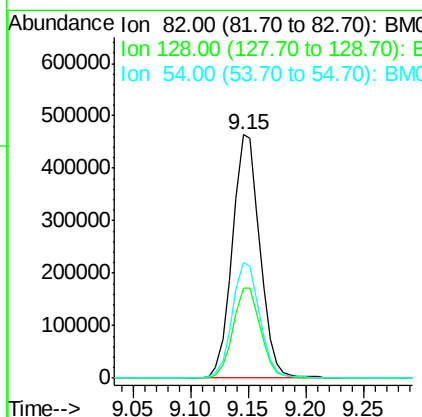
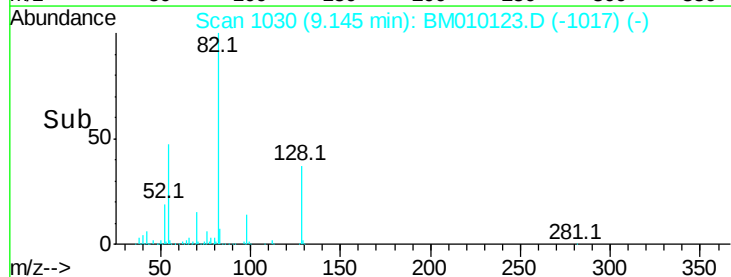
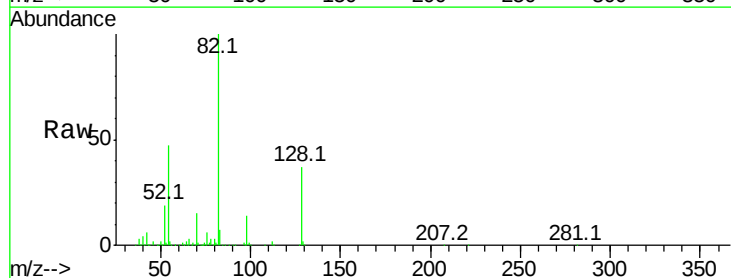
Instrument :
BNA_M
ClientSampled :
EX-18

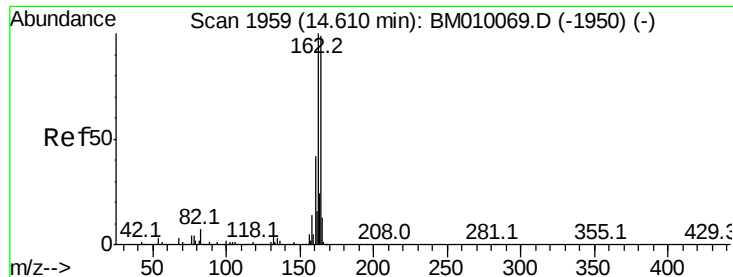
Tot Ion:	136	Resp:	493180
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.4	4.6	6.8#
68	4.7	3.7	5.5



#23
Nitrobenzene-d5
Concen: 84.10 ng
RT: 9.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BM010123.D
Acq: 23 May 2017 03:35

Tgt Ion:	82	Resp:	768780
Ion	Ratio	Lower	Upper
82	100		
128	36.8	32.8	49.2
54	47.4	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010123.D

Acq: 23 May 2017 03:35

Instrument :

BNA_M

ClientSampleId :

EX-18

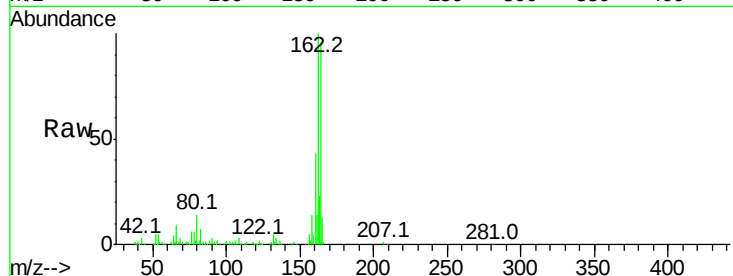
Tot Ion:164 Resp: 304637

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	44.5	35.8	53.6

164 100

162 104.1 82.4 123.6

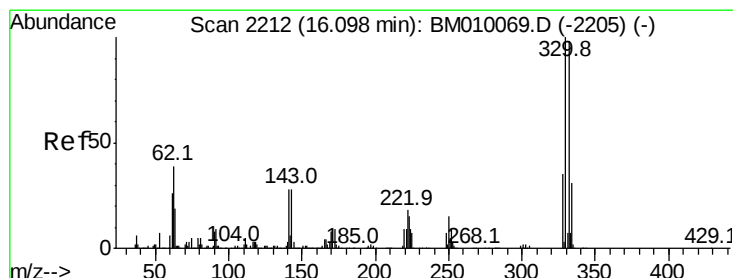
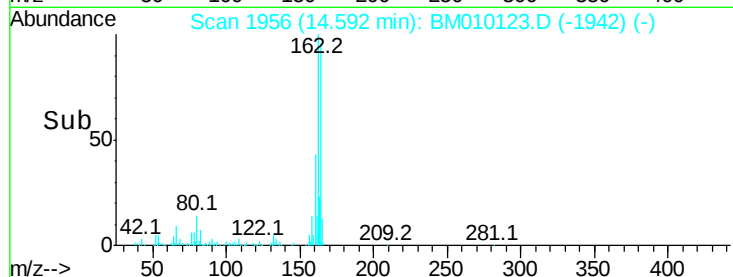
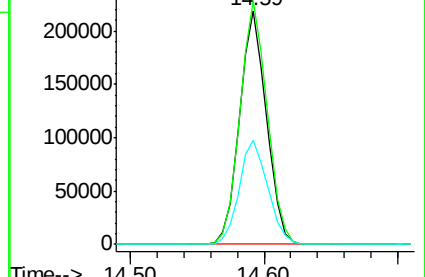
160 44.5 35.8 53.6



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: 125.89 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010123.D

Acq: 23 May 2017 03:35

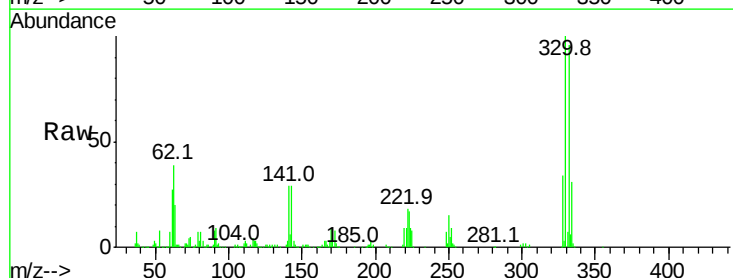
Tgt Ion:330 Resp: 582464

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	31.1	0.0	0.0#

330 100

332 96.2 0.0 0.0#

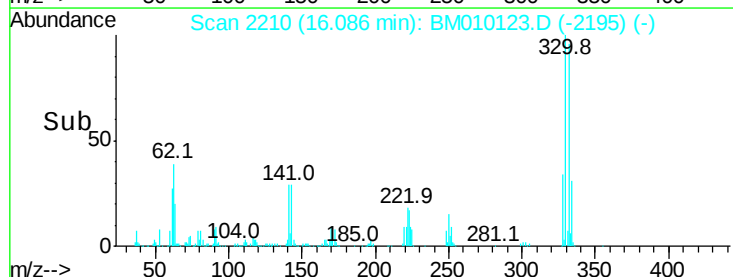
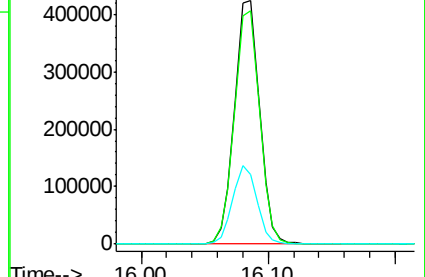
141 31.1 0.0 0.0#



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

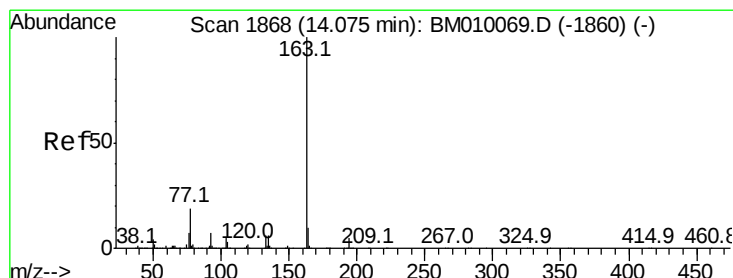
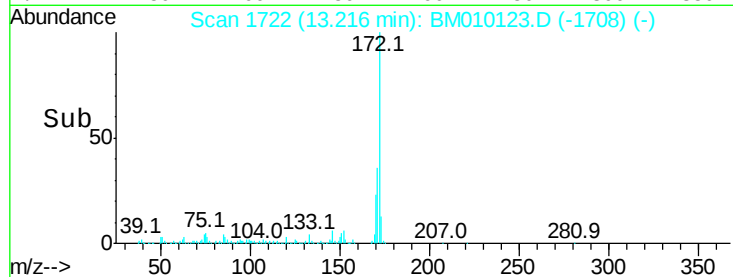
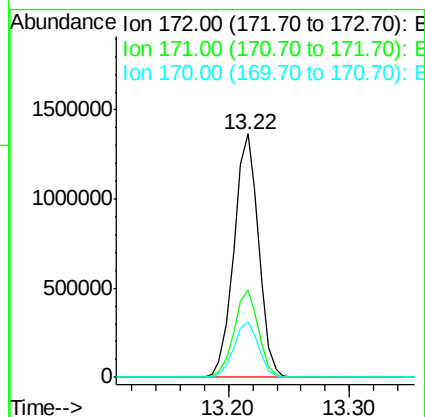
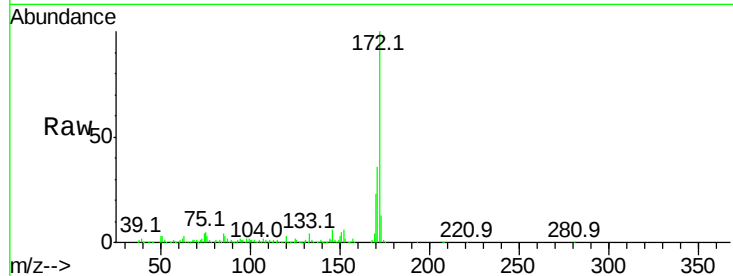




#44
2-Fluorobiphenyl
Concen: 81.71 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010123.D
Acq: 23 May 2017 03:35

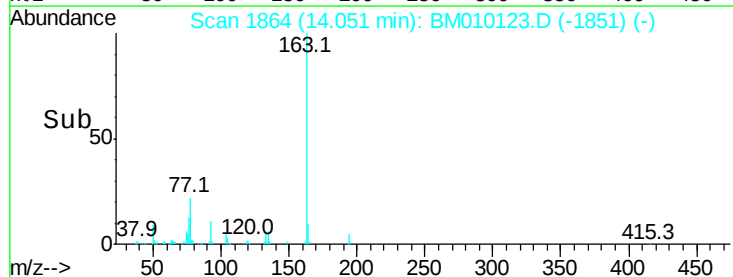
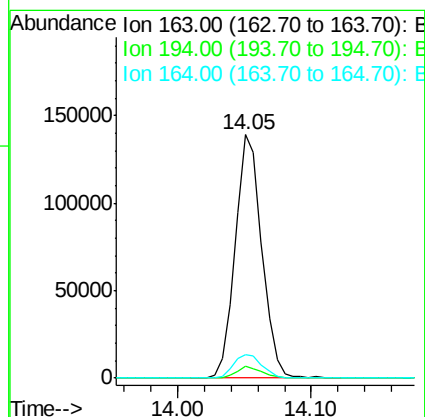
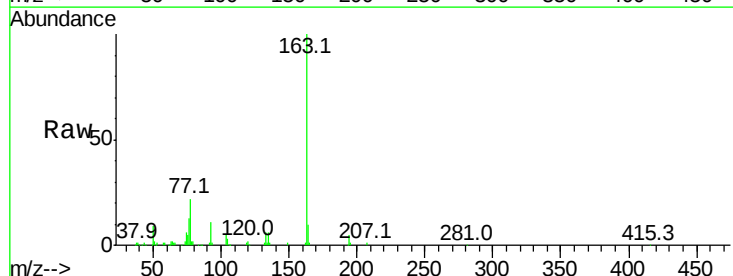
Instrument :
BNA_M
ClientSampleId :
EX-18

Tot Ion:172 Resp: 1936256
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 22.8 18.8 28.2



#49
Dimethylphthalate
Concen: 7.10 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010123.D
Acq: 23 May 2017 03:35

Tgt Ion:163 Resp: 193048
Ion Ratio Lower Upper
163 100
194 5.0 2.7 4.1#
164 9.7 8.2 12.2

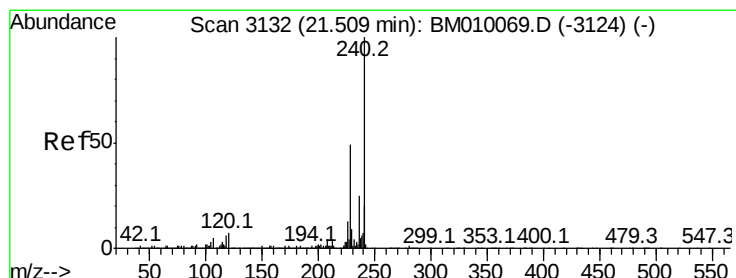
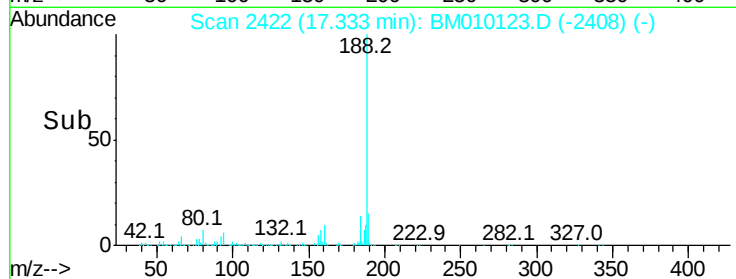
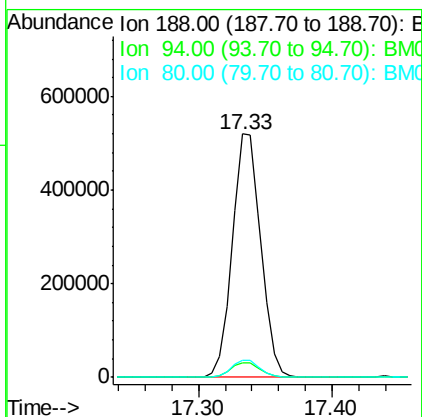
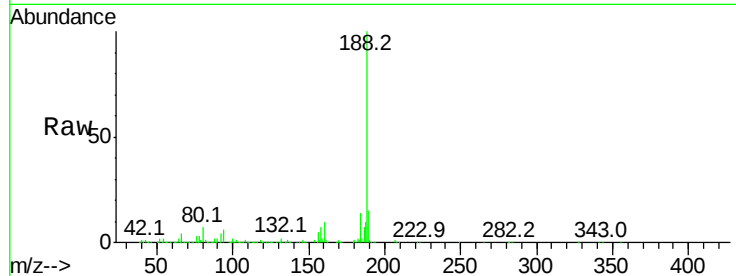




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010123.D
Acq: 23 May 2017 03:35

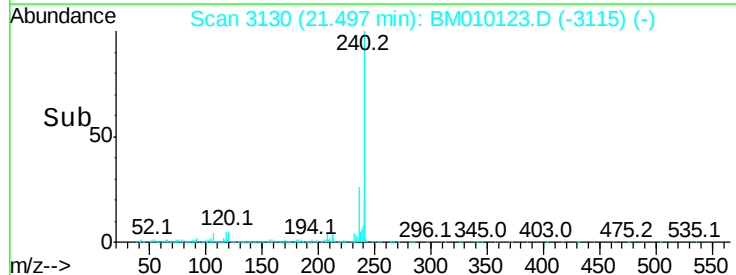
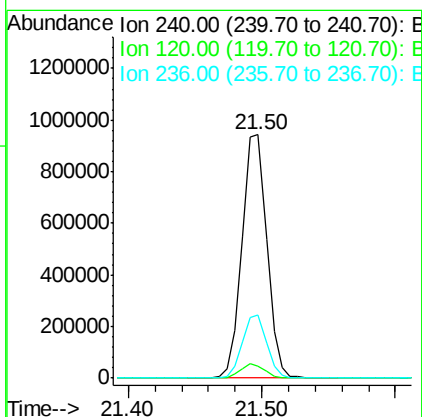
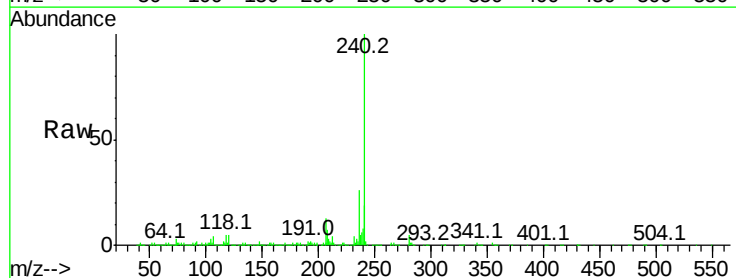
Instrument :
BNA_M
ClientSampleId :
EX-18

Tot Ion:188 Resp: 771221
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 7.3 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: BM010123.D
Acq: 23 May 2017 03:35

Tgt Ion:240 Resp: 1213240
Ion Ratio Lower Upper
240 100
120 5.1 8.2 12.2#
236 25.7 20.0 30.0

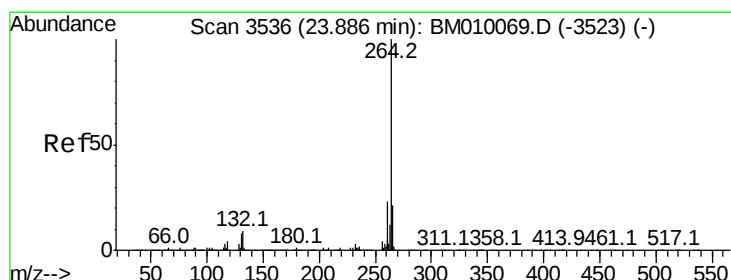
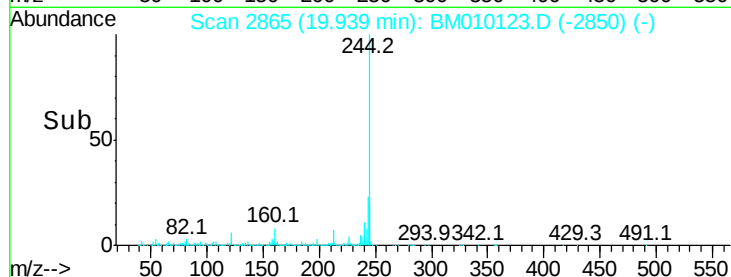
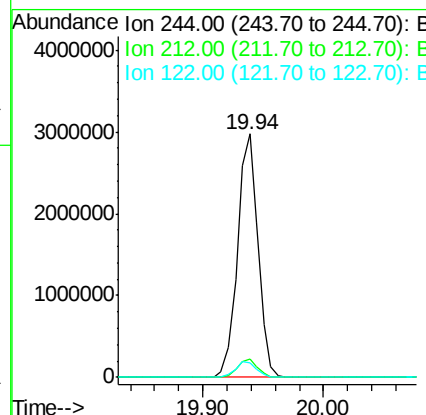
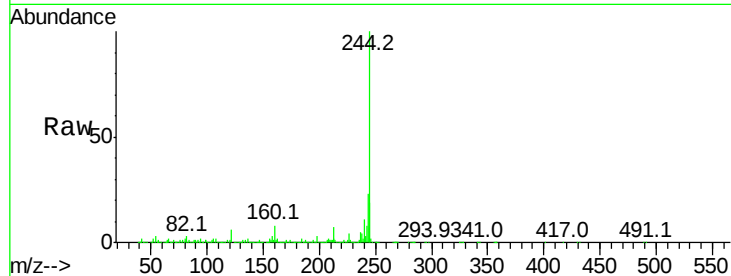




#78
 Terphenyl-d14
 Concen: 65.72 ng
 RT: 19.94 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM010123.D
 Acq: 23 May 2017 03:35

Instrument :
 BNA_M
 ClientSampleId :
 EX-18

Tot Ion:244 Resp: 3506536
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.9 7.3#
 122 5.8 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.86 min Scan# 3532
 Delta R.T. -0.02 min
 Lab File: BM010123.D
 Acq: 23 May 2017 03:35

Tgt Ion:264 Resp: 1361446
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.7 17.3 25.9

