

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031219.D
 Acq On : 23 Nov 2017 10:42
 Operator : SJ/JU
 Sample : I6560-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-MWRV4

Quant Time: Nov 24 00:55:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

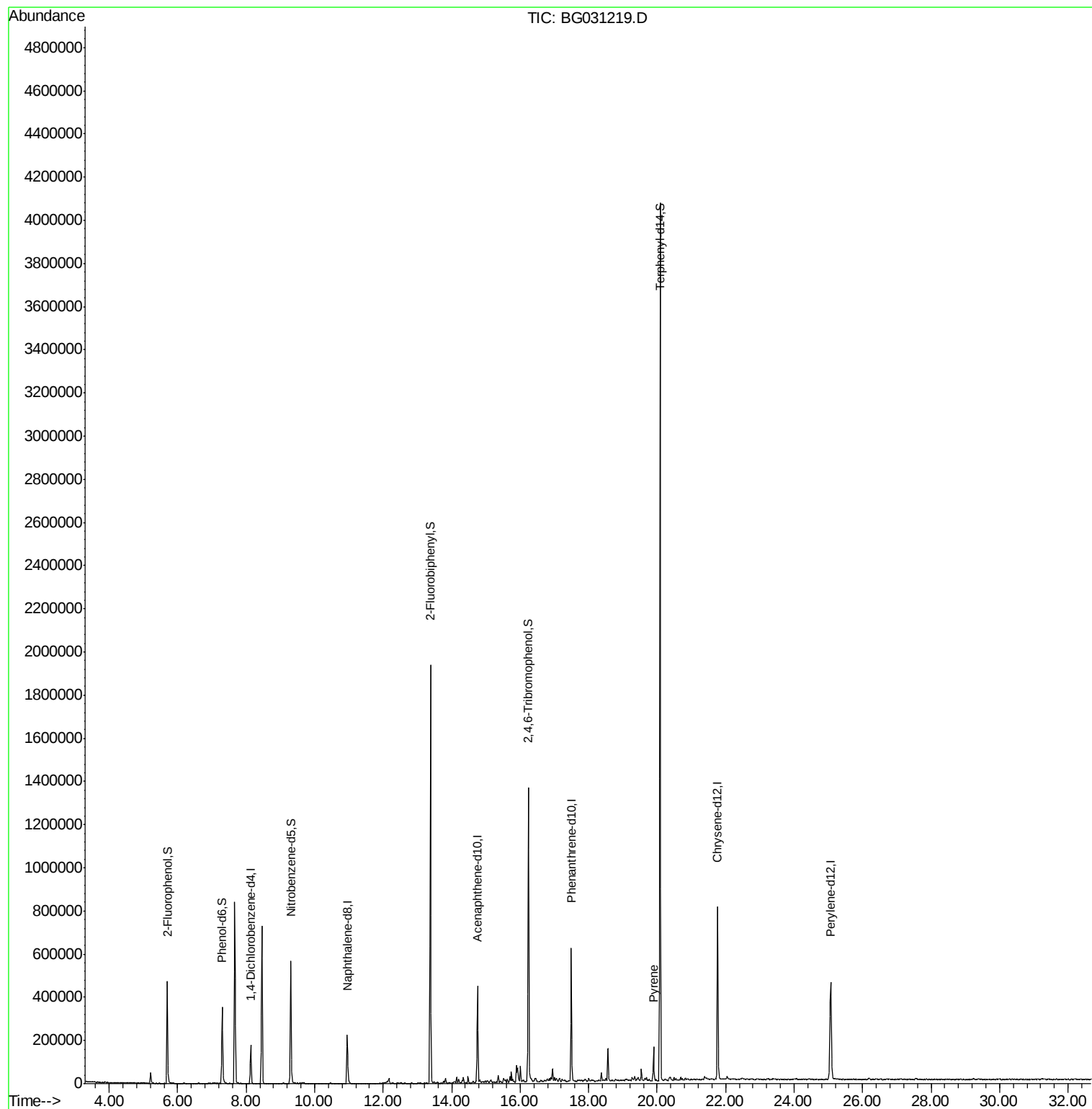
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	54624	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	241959	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	159003	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	409030	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	531275	20.00	ng	-0.02
86) Perylene-d12	25.07	264	522841	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	247911	77.82	ng	-0.01
7) Phenol-d6	7.30	99	238258	55.52	ng	0.00
23) Nitrobenzene-d5	9.30	82	373819	91.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	291052	113.16	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1094683	98.93	ng	-0.02
78) Terphenyl-d14	20.09	244	2109867	87.69	ng	0.00
Target Compounds						
77) Pyrene	19.90	202	115005	3.648	ng	Qvalue 99

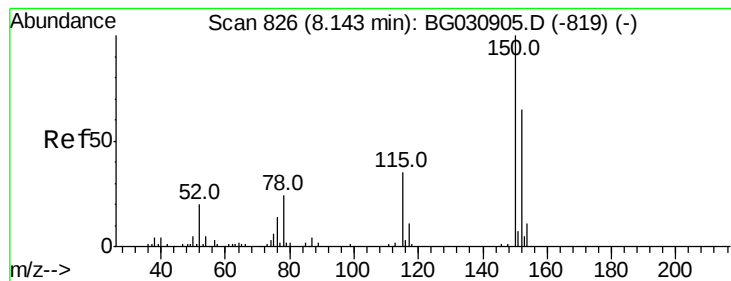
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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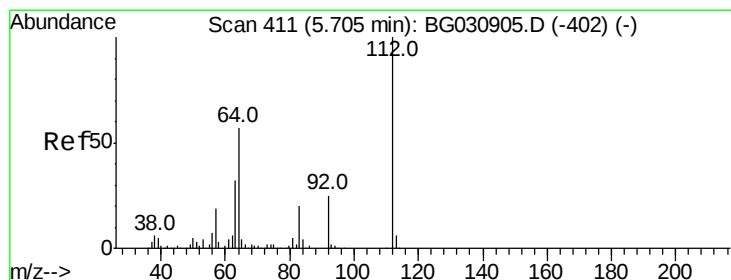
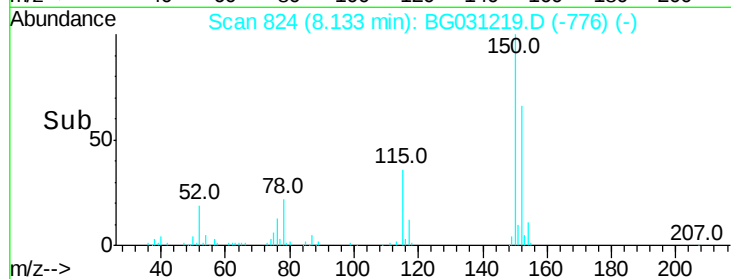
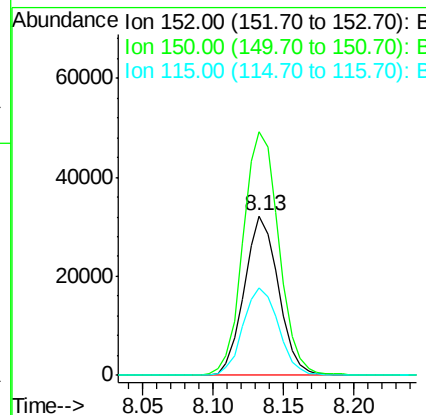
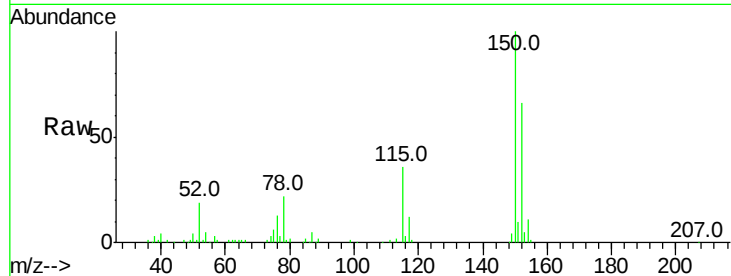


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031219.D
Acq: 23 Nov 2017 10:42

Instrument :
BNA_G
ClientSampleId :
RAV-MWRV4

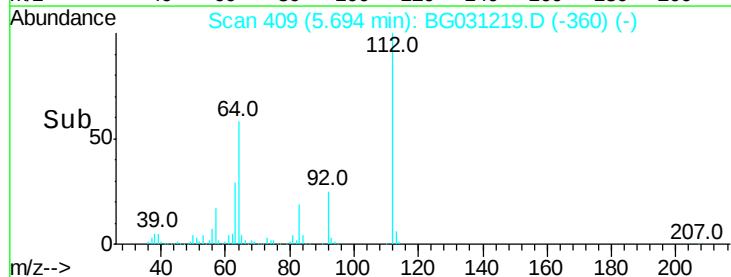
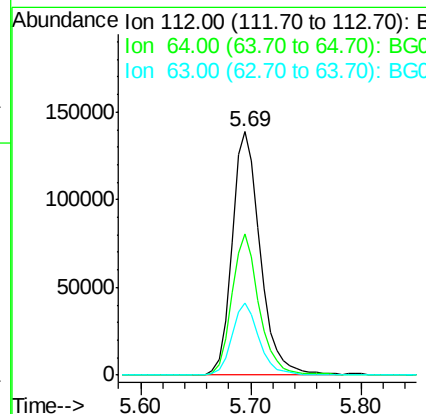
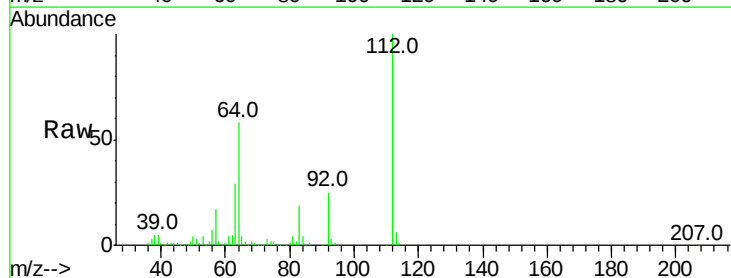
Tot Ion:152 Resp: 54624
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 54.6 53.0 79.4

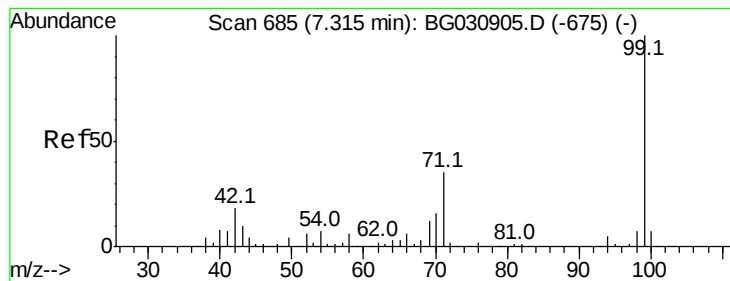


#5

2-Fluorophenol
Concen: 77.824 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031219.D
Acq: 23 Nov 2017 10:42

Tgt Ion:112 Resp: 247911
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 29.5 30.1 45.1#





#7

Phenol-d6

Concen: 55.517 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031219.D

Acq: 23 Nov 2017 10:42

Instrument :

BNA_G

ClientSampleId :

RAV-MWRV4

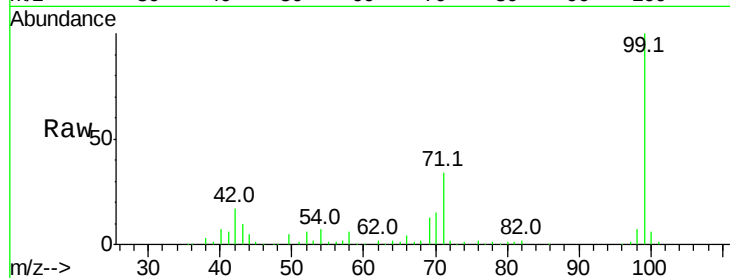
Tot Ion: 99 Resp: 238258

Ion Ratio Lower Upper

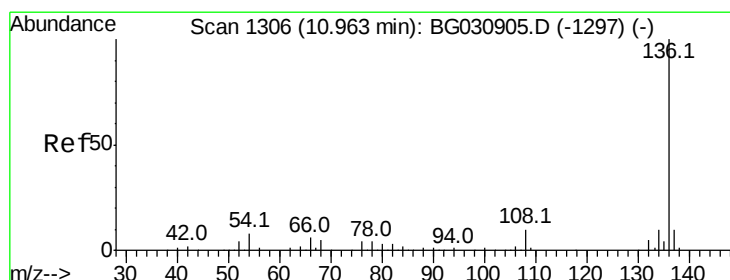
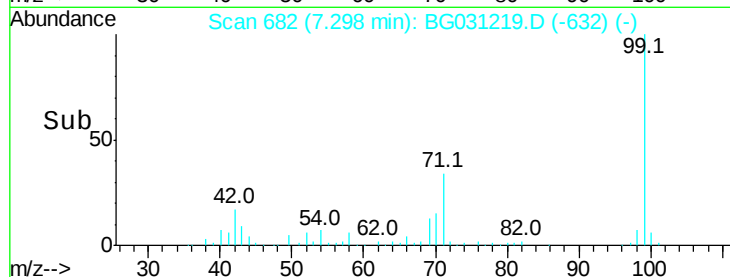
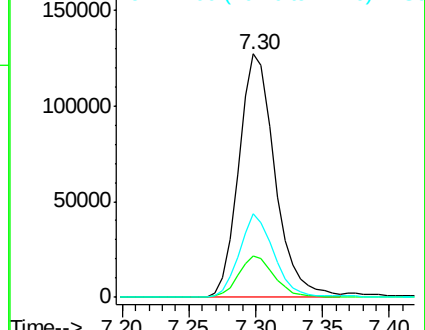
99 100

42 16.8 14.1 21.1

71 34.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG031219.D

Acq: 23 Nov 2017 10:42

Tgt Ion: 136 Resp: 241959

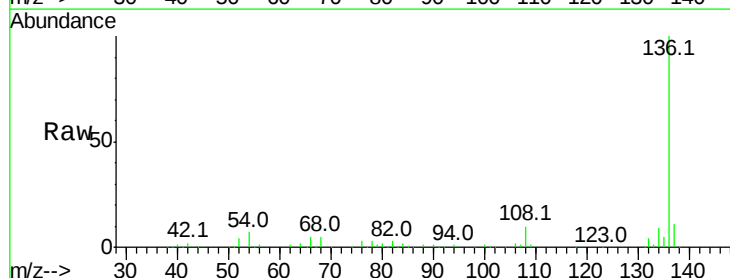
Ion Ratio Lower Upper

136 100

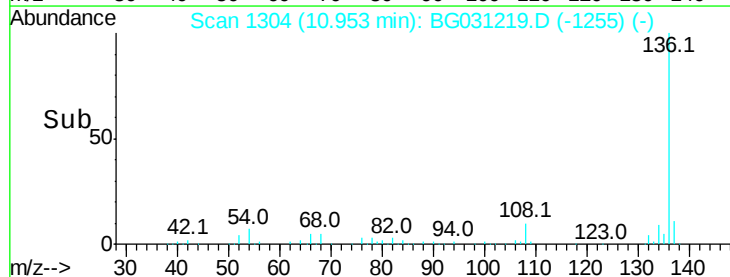
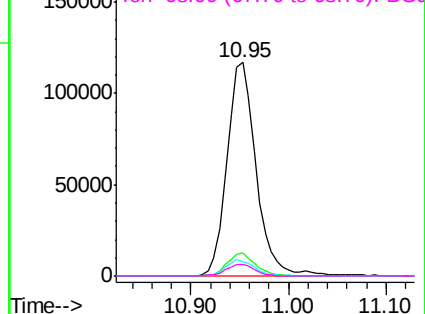
137 10.9 9.2 13.8

54 6.9 10.3 15.5#

68 5.3 4.5 6.7



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

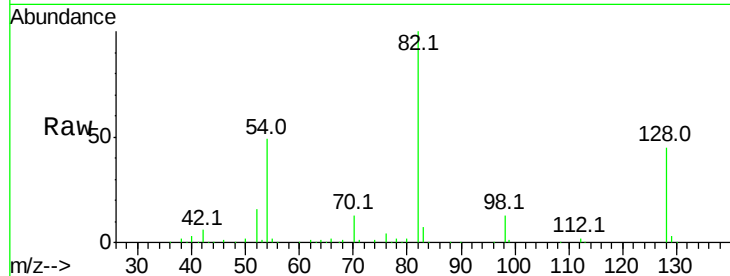




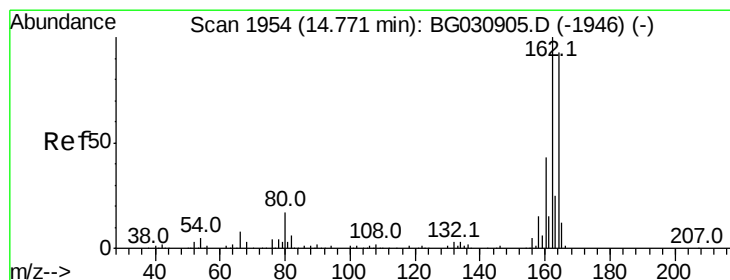
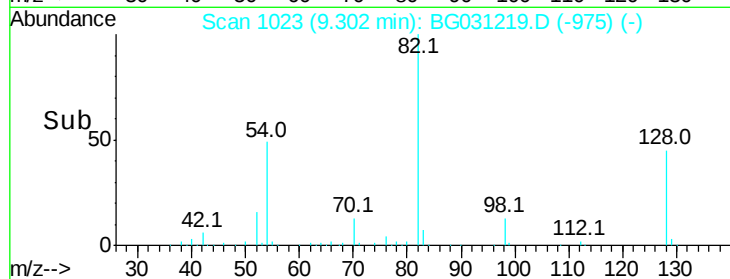
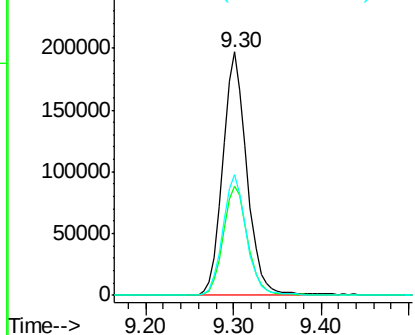
#23
Nitrobenzene-d5
Concen: 91.549 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031219.D
Acq: 23 Nov 2017 10:42

Instrument :
BNA_G
ClientSampleId :
RAV-MWRV4

Tot Ion	82	Resp	373819
Ion Ratio	100		
Lower	29.7		
Upper	44.5#		
54	49.5	43.1	64.7

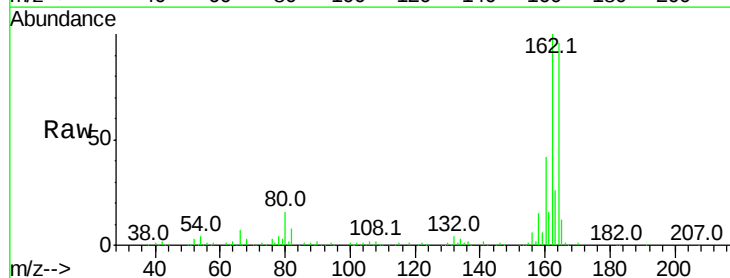


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

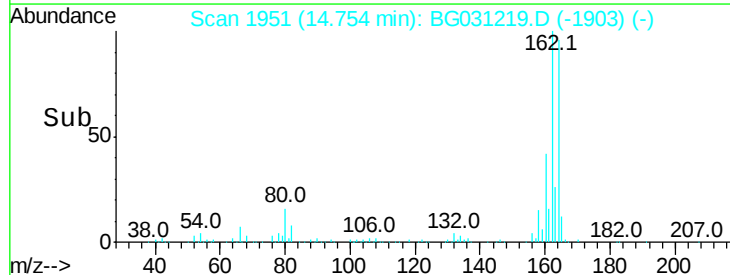
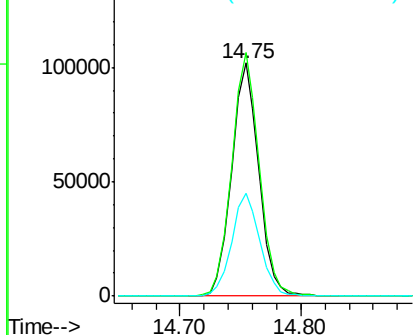


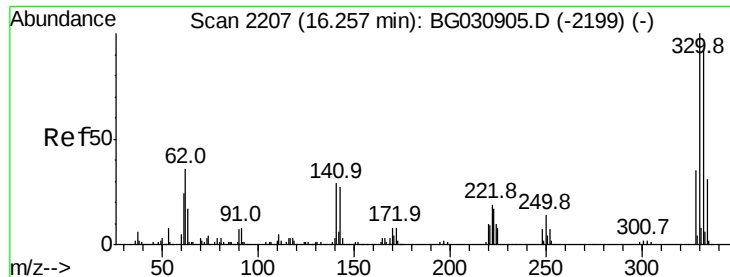
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031219.D
Acq: 23 Nov 2017 10:42

Tgt Ion	164	Resp	159003
Ion Ratio	100		
Lower	78.8		
Upper	118.2		
162	104.5	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

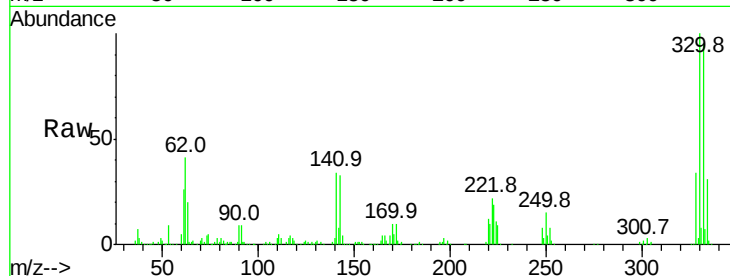




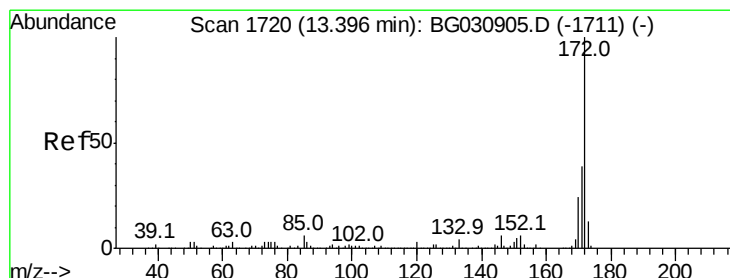
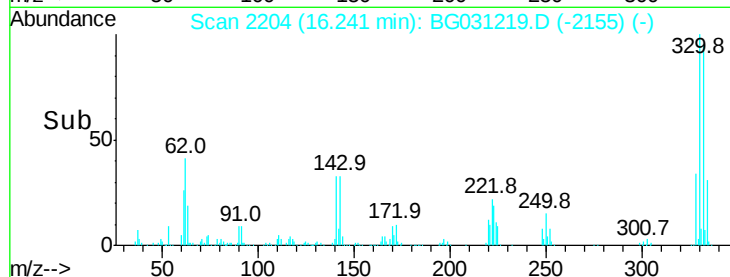
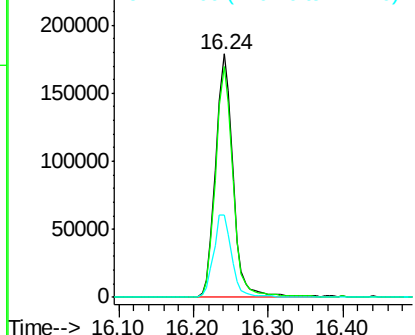
#41
 2,4,6-Tribromophenol
 Concen: 113.155 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031219.D
 Acq: 23 Nov 2017 10:42

Instrument :
 BNA_G
 ClientSampleId :
 RAV-MWRV4

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.2	25.2	37.8

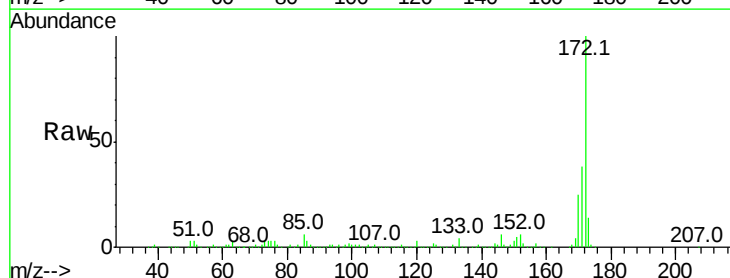


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

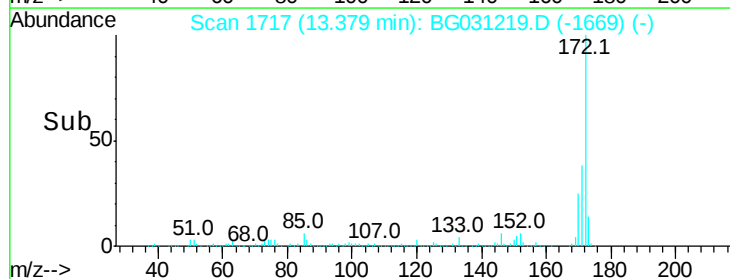
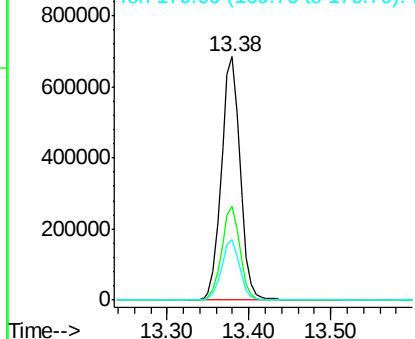


#44
 2-Fluorobiphenyl
 Concen: 98.925 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031219.D
 Acq: 23 Nov 2017 10:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.6	19.5	29.3



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: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031219.D

Acq: 23 Nov 2017 10:42

Instrument :

BNA_G

ClientSampleId :

RAV-MWRV4

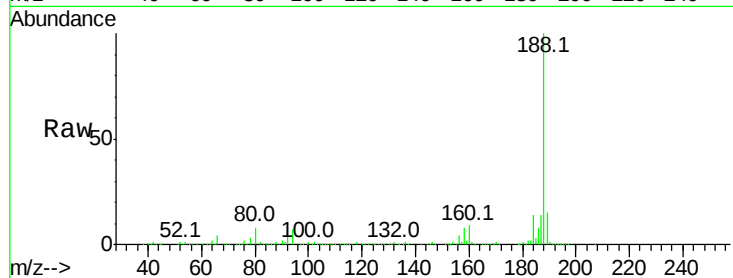
Tot Ion:188 Resp: 409030

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

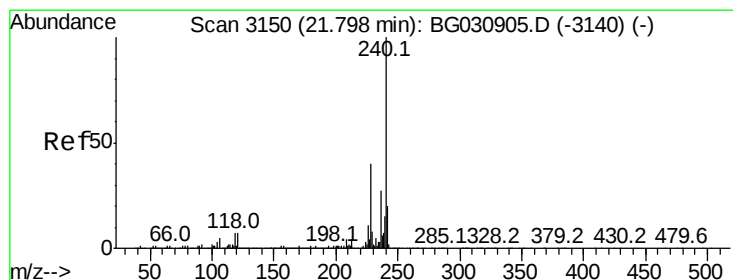
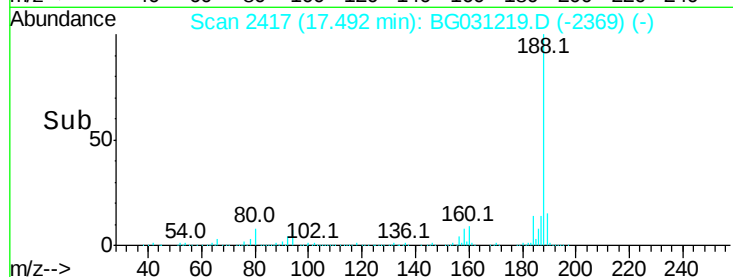
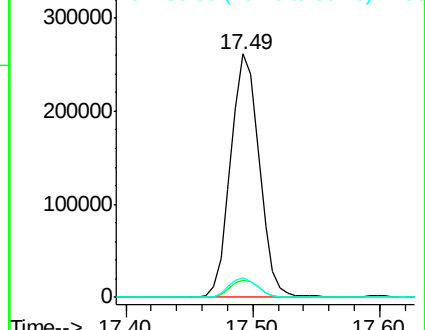
80 8.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031219.D

Acq: 23 Nov 2017 10:42

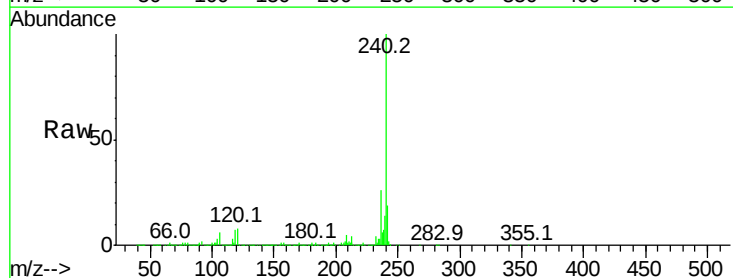
Tgt Ion:240 Resp: 531275

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

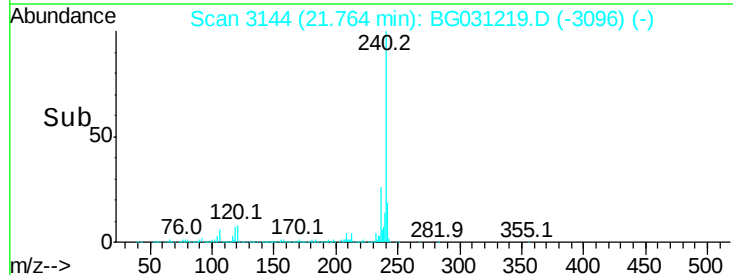
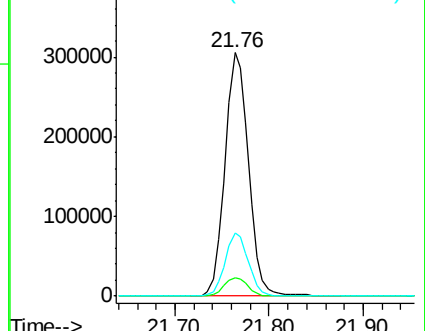
236 26.1 20.9 31.3

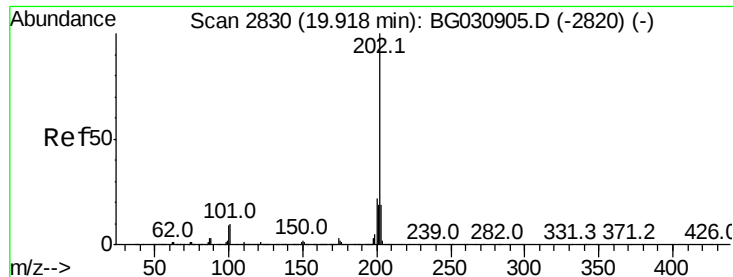


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.648 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG031219.D

Acq: 23 Nov 2017 10:42

Instrument :

BNA_G

ClientSampleId :

RAV-MWRV4

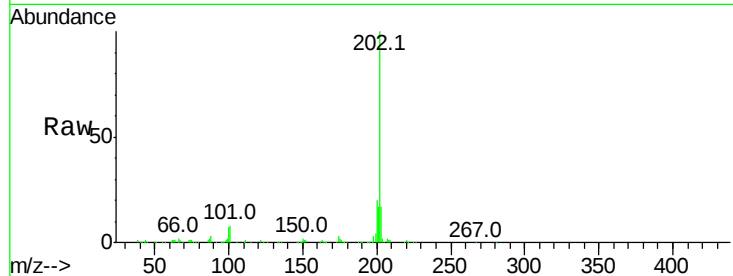
Tot Ion:202 Resp: 115005

Ion Ratio Lower Upper

202 100

200 20.2 16.9 25.3

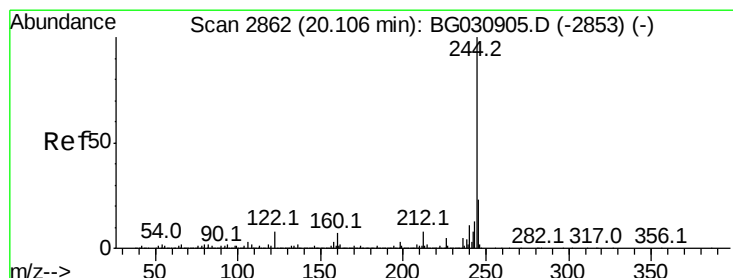
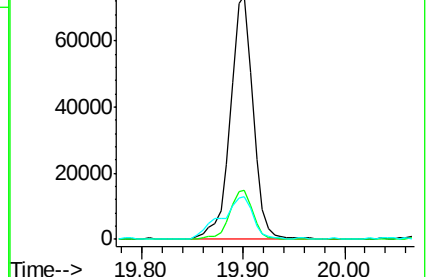
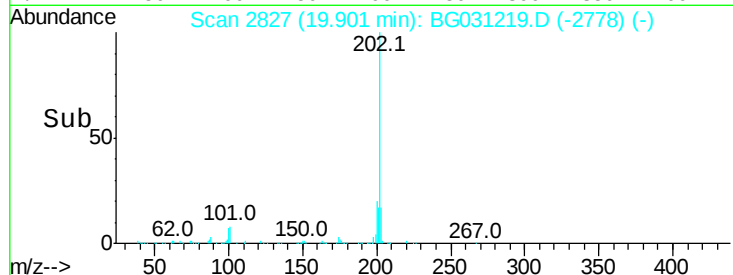
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.690 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031219.D

Acq: 23 Nov 2017 10:42

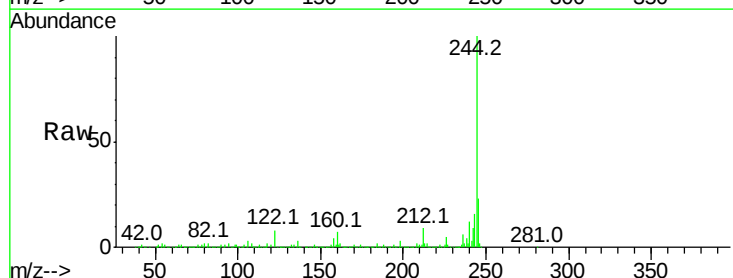
Tgt Ion:244 Resp: 2109867

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

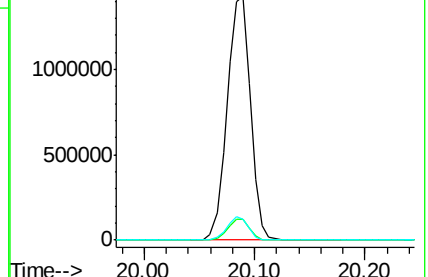
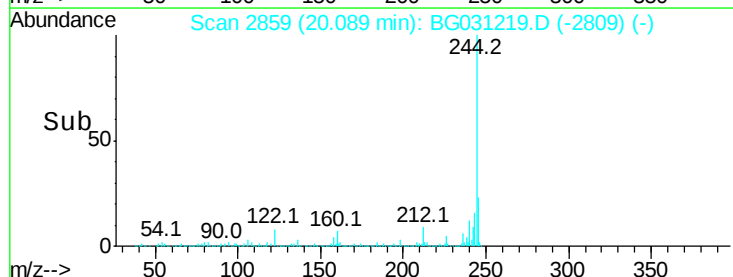
122 8.4 7.0 10.4



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: 20.000 ng
RT: 25.07 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031219.D
Acq: 23 Nov 2017 10:42

Instrument :
BNA_G
ClientSampleId :
RAV-MWRV4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.4	17.7	26.5

