

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031194.D
 Acq On : 22 Nov 2017 18:03
 Operator : SJ/JU
 Sample : I6525-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Quant Time: Nov 22 23:53:21 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	8.14	152	54165	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	244099	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	164903	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	432916	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	513871	20.00	ng	-0.02
86) Perylene-d12	25.06	264	494572	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	208629	66.05	ng	-0.01
7) Phenol-d6	7.30	99	169444	39.82	ng	0.00
23) Nitrobenzene-d5	9.30	82	364471	88.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	308266	115.56	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1096233	95.52	ng	-0.02
78) Terphenyl-d14	20.09	244	2002818	86.06	ng	0.00

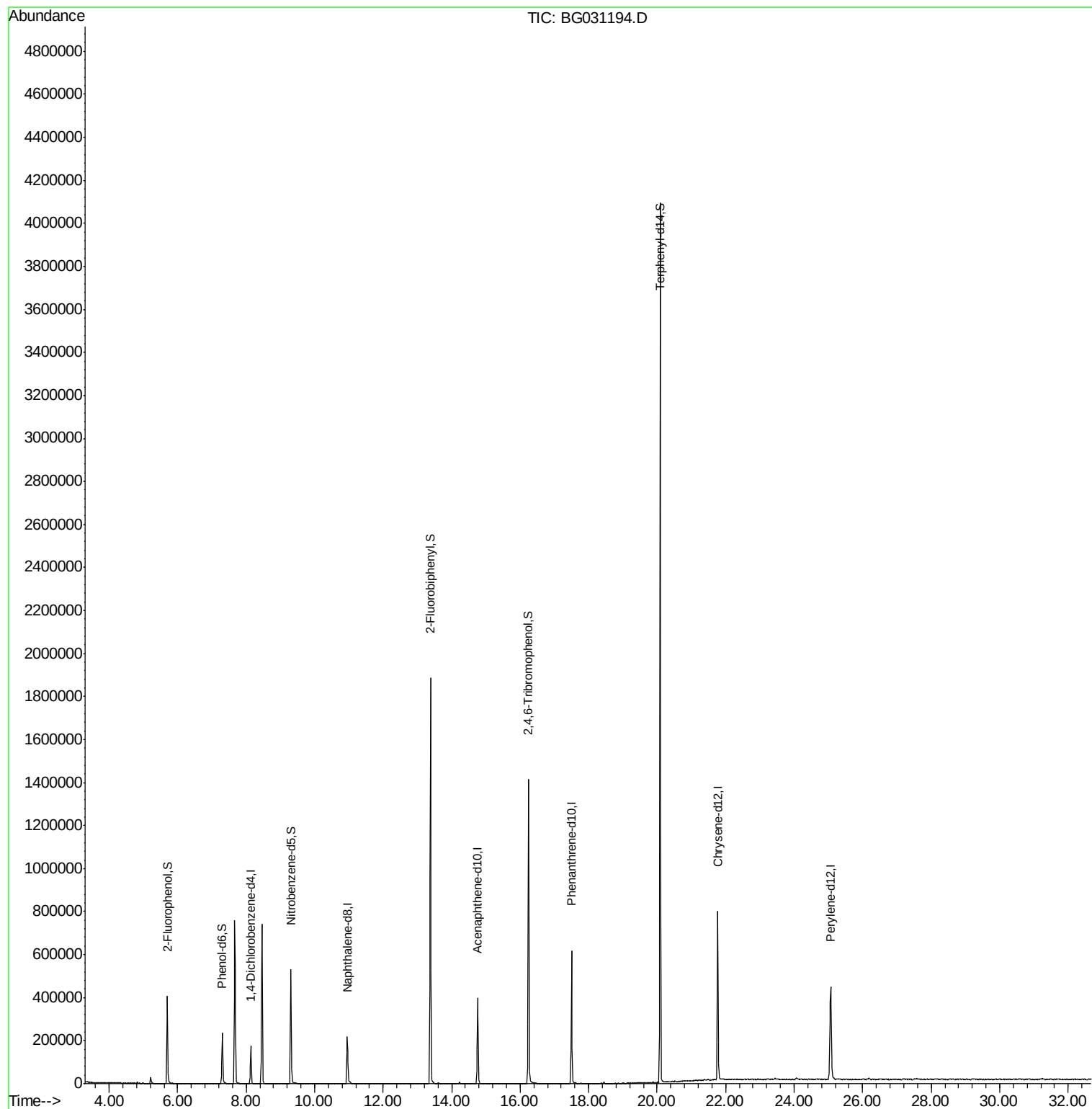
Target Compounds Qvalue

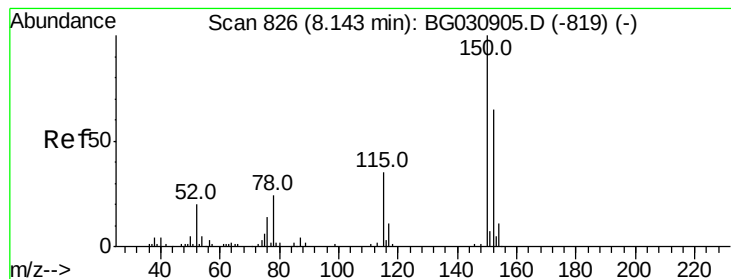
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 15:38:25 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG031194.D

Acq: 22 Nov 2017 18:03

Instrument :

BNA_G

ClientSampleId :

MW-12

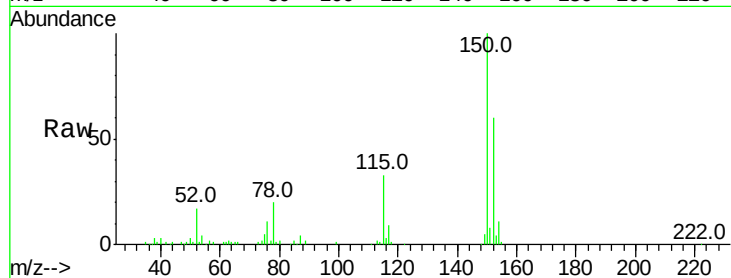
Tot Ion:152 Resp: 54165

Ion Ratio Lower Upper

152 100

150 167.5 126.6 189.8

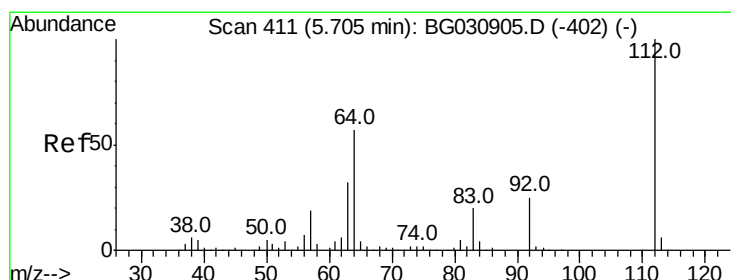
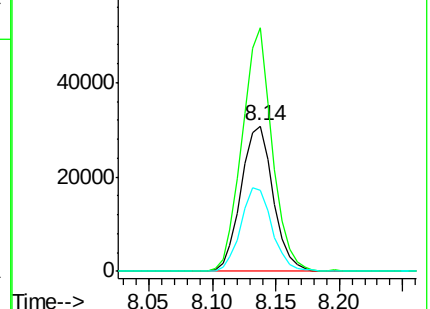
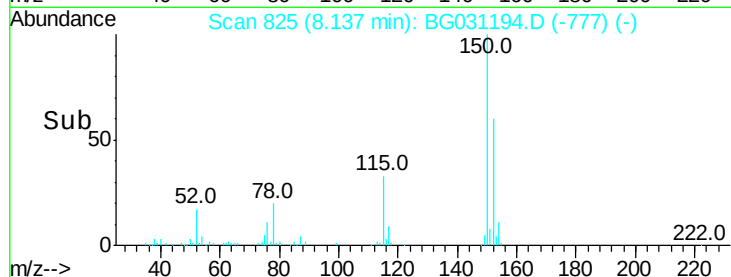
115 56.1 53.0 79.4



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: 66.048 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.01 min

Lab File: BG031194.D

Acq: 22 Nov 2017 18:03

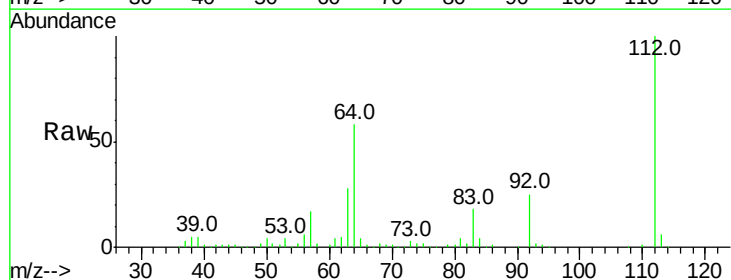
Tgt Ion:112 Resp: 208629

Ion Ratio Lower Upper

112 100

64 57.6 56.3 84.5

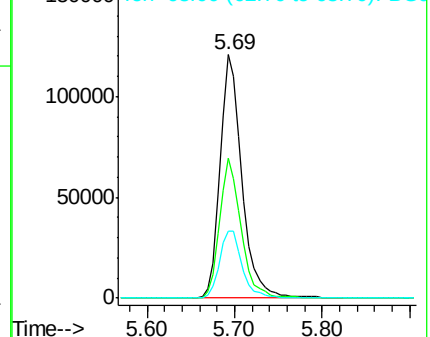
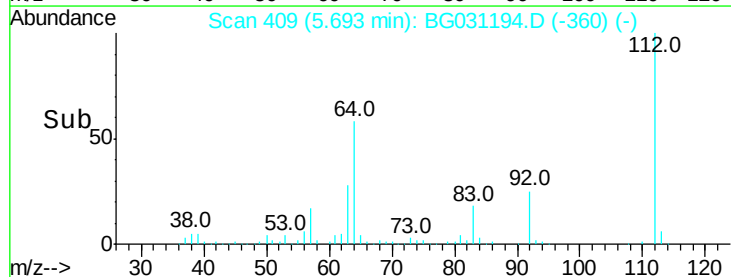
63 27.7 30.1 45.1#

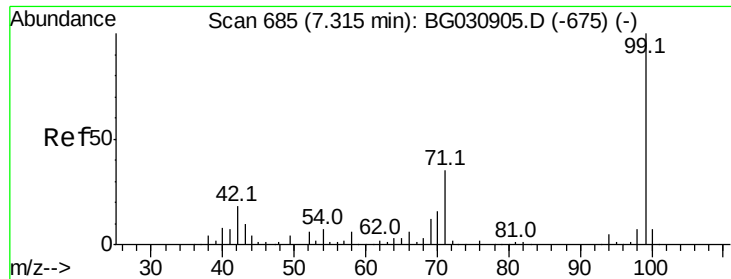


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.817 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031194.D

Acq: 22 Nov 2017 18:03

Instrument :

BNA_G

ClientSampleId :

MW-12

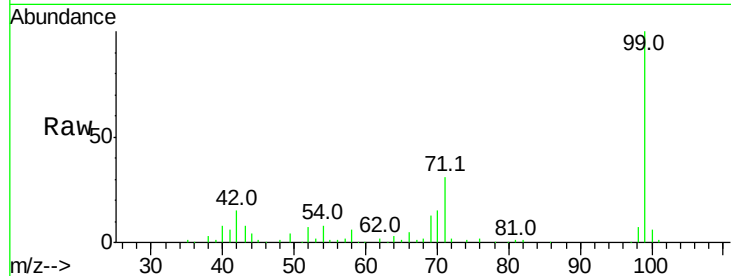
Tot Ion: 99 Resp: 169444

Ion Ratio Lower Upper

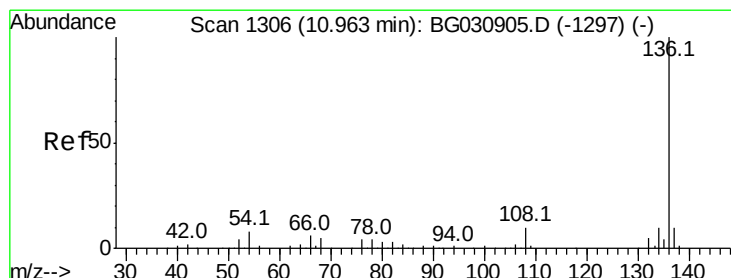
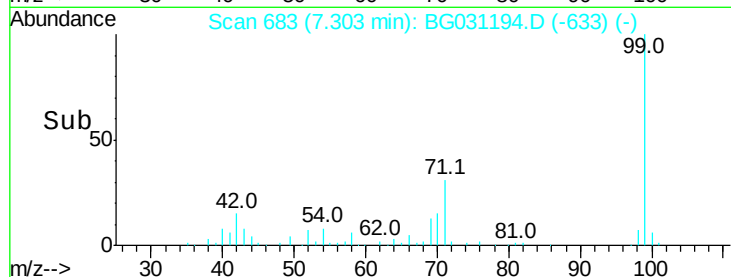
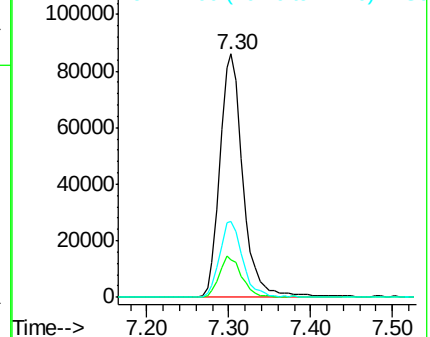
99 100

42 15.5 14.1 21.1

71 31.1 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. -0.02 min

Lab File: BG031194.D

Acq: 22 Nov 2017 18:03

Tgt Ion: 136 Resp: 244099

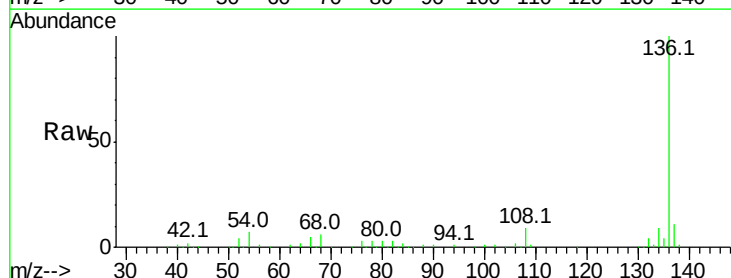
Ion Ratio Lower Upper

136 100

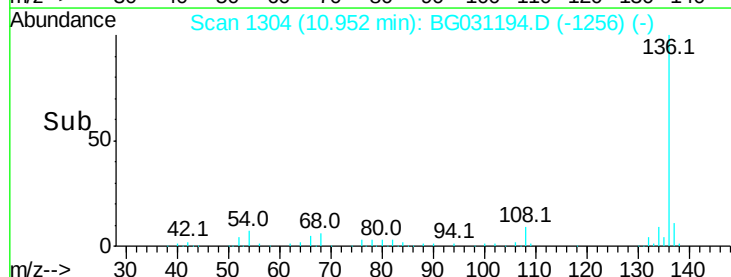
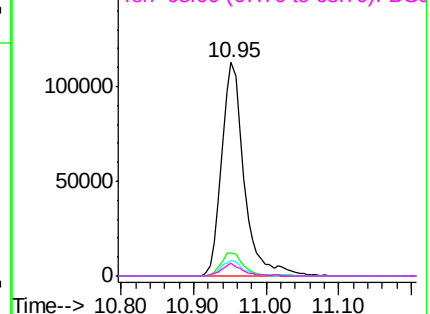
137 10.6 9.2 13.8

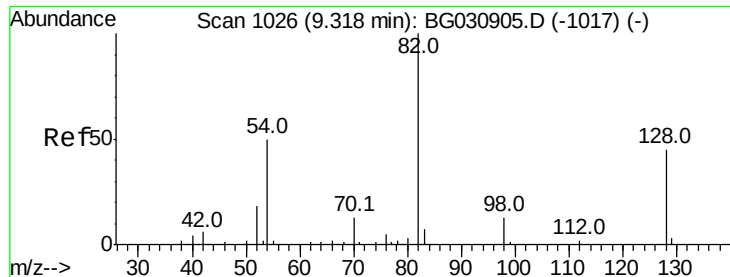
54 7.1 10.3 15.5#

68 5.7 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

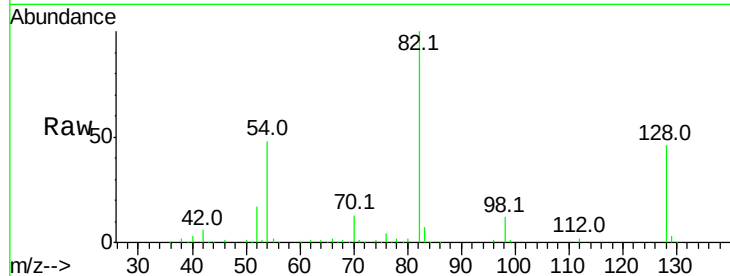




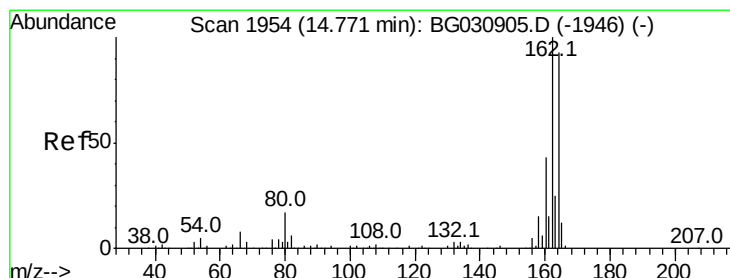
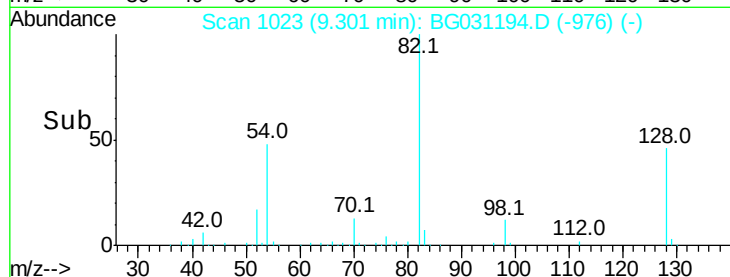
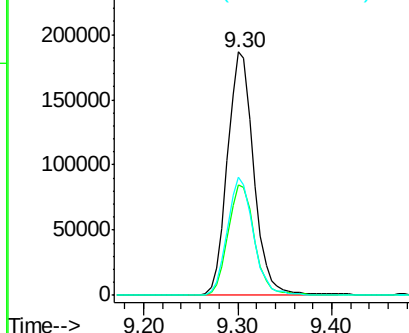
#23
Nitrobenzene-d5
Concen: 88.477 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031194.D
Acq: 22 Nov 2017 18:03

Instrument :
BNA_G
ClientSampleId :
MW-12

Tot Ion: 82 Resp: 364471
Ion Ratio Lower Upper
82 100
128 45.5 29.7 44.5#
54 48.4 43.1 64.7

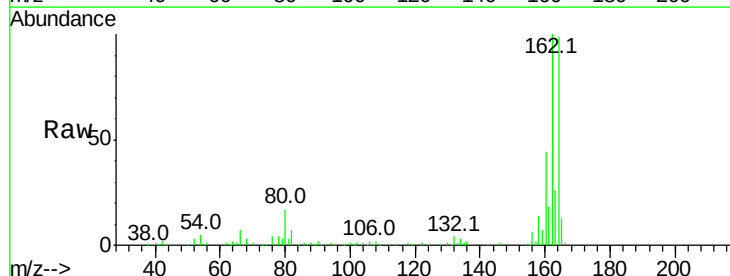


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

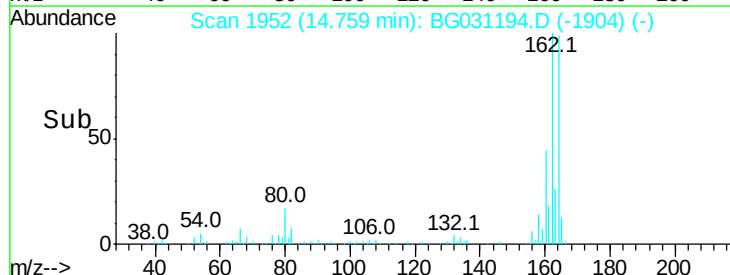
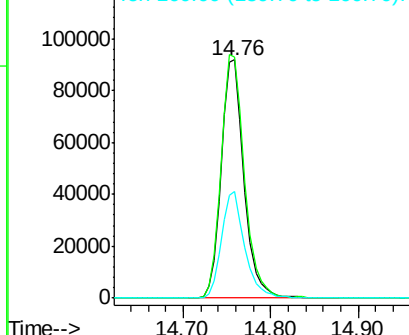


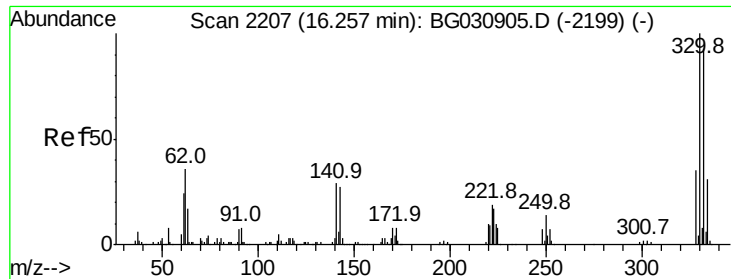
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031194.D
Acq: 22 Nov 2017 18:03

Tgt Ion:164 Resp: 164903
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 44.9 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

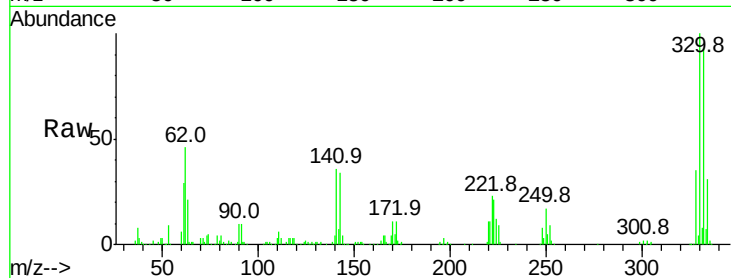




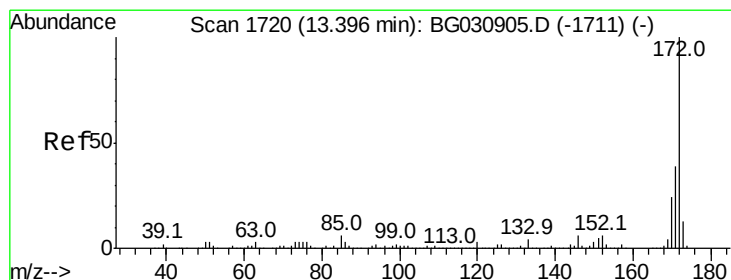
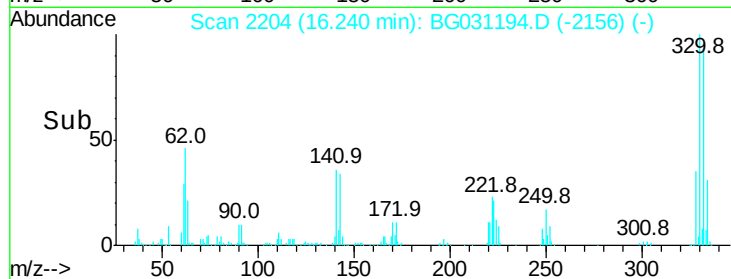
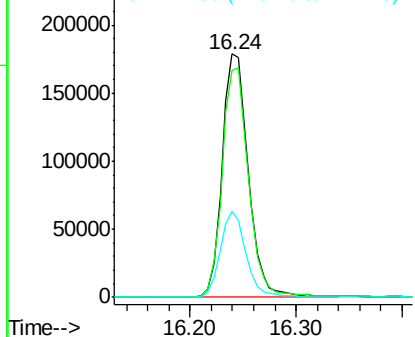
#41
 2,4,6-Tribromophenol
 Concen: 115.560 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031194.D
 Acq: 22 Nov 2017 18:03

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	34.8	25.2	37.8

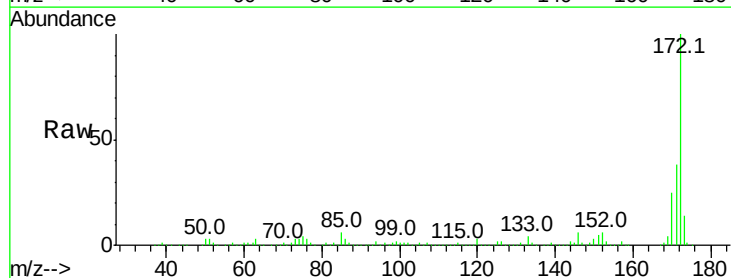


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

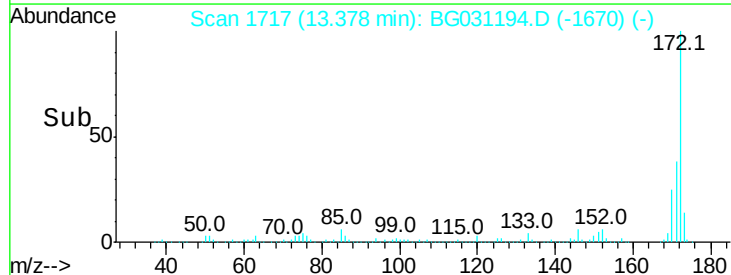
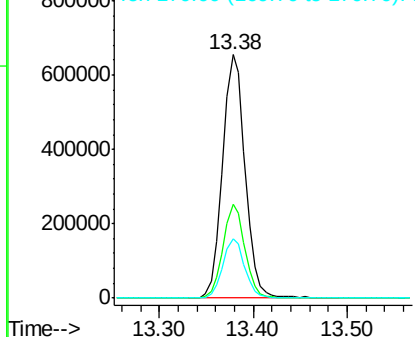


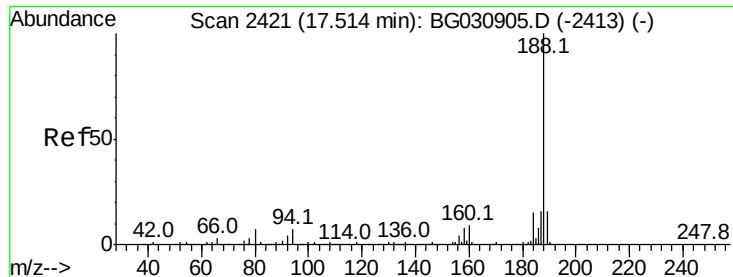
#44
 2-Fluorobiphenyl
 Concen: 95.521 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031194.D
 Acq: 22 Nov 2017 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	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

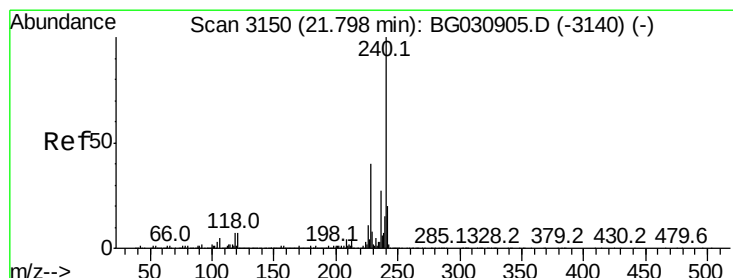
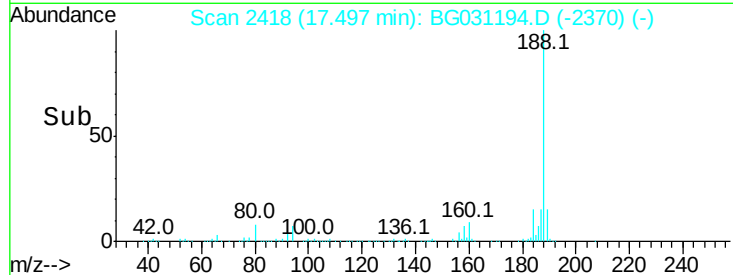
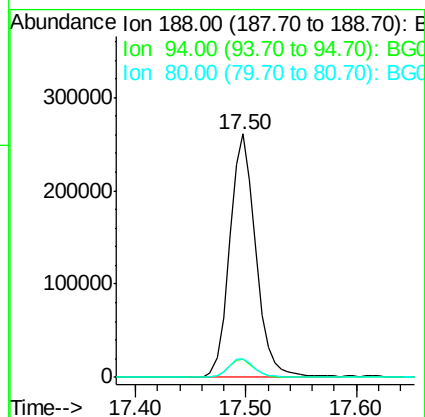
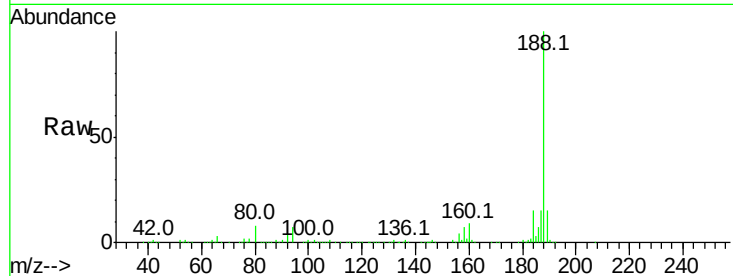




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031194.D
Acq: 22 Nov 2017 18:03

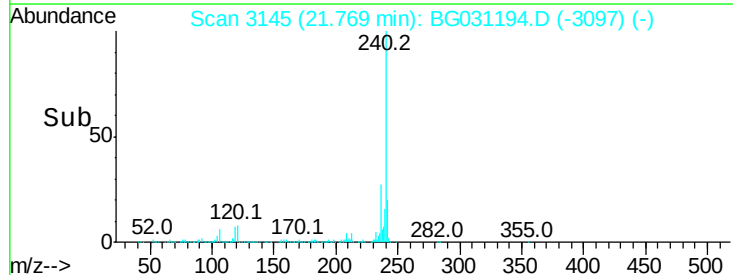
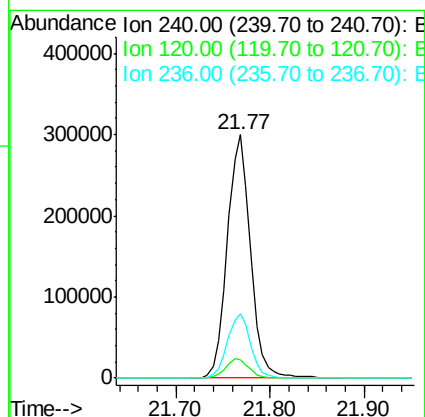
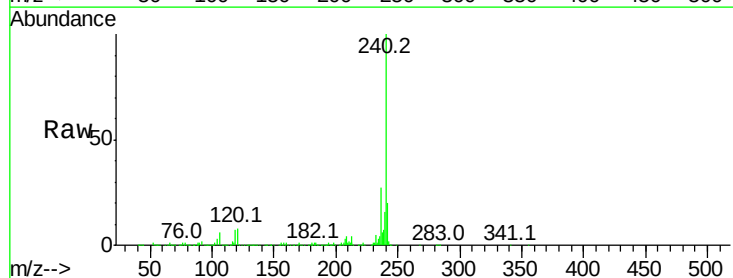
Instrument :
BNA_G
ClientSampleId :
MW-12

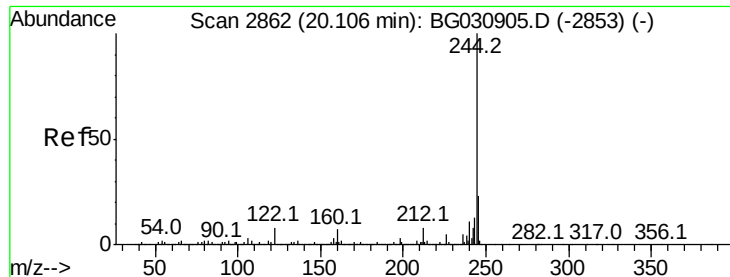
Tot Ion:188 Resp: 432916
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031194.D
Acq: 22 Nov 2017 18:03

Tgt Ion:240 Resp: 513871
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 86.060 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031194.D

Acq: 22 Nov 2017 18:03

Instrument :

BNA_G

ClientSampleId :

MW-12

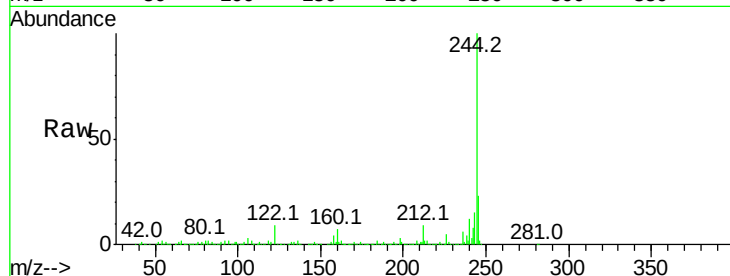
Tot Ion:244 Resp: 2002818

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

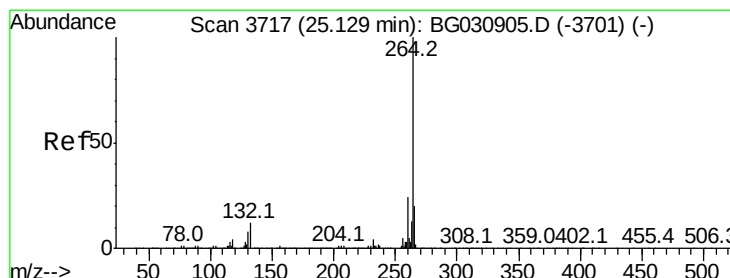
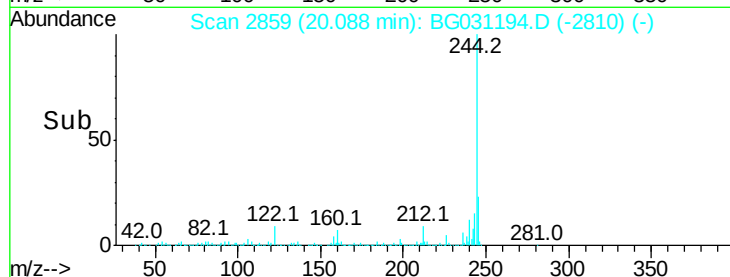
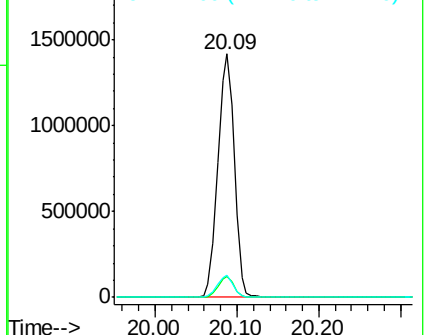
122 9.1 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031194.D

Acq: 22 Nov 2017 18:03

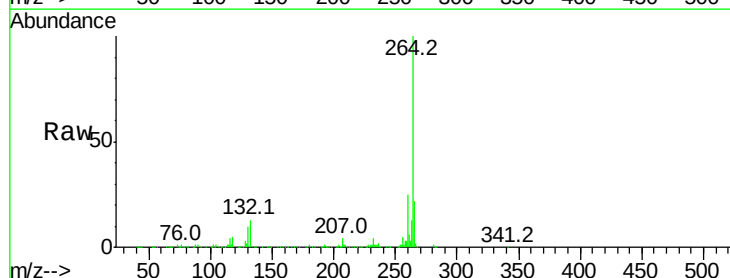
Tgt Ion:264 Resp: 494572

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.5 17.7 26.5



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

