

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031201.D
 Acq On : 22 Nov 2017 22:26
 Operator : SJ/JU
 Sample : I6525-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T71-MW4

Quant Time: Nov 22 23:54:57 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

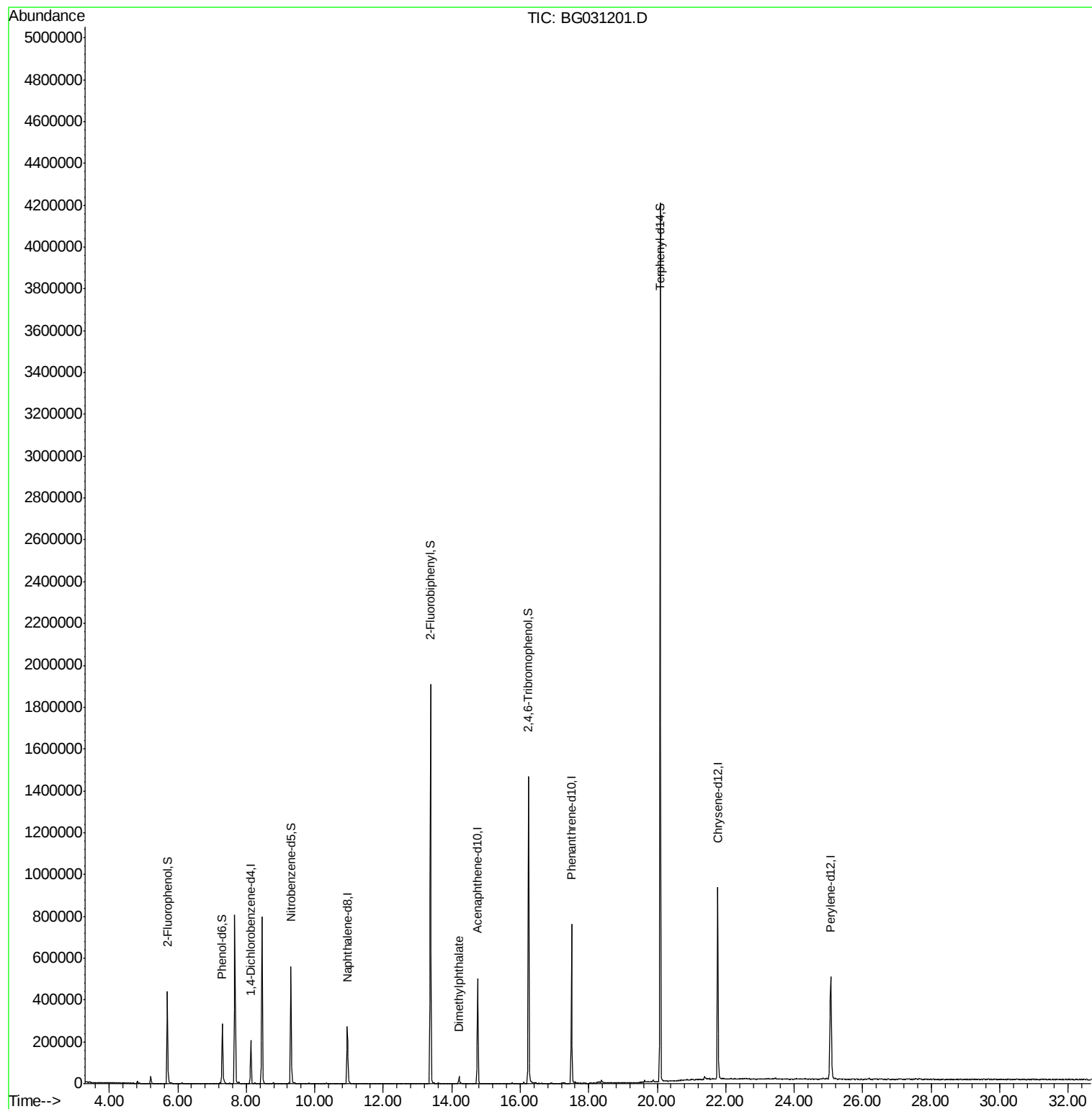
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	64656	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	287850	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	192586	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	499037	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	593160	20.00	ng	-0.02
86) Perylene-d12	25.06	264	567767	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	236452	62.71	ng	-0.01
7) Phenol-d6	7.30	99	198073	38.99	ng	0.00
23) Nitrobenzene-d5	9.30	82	380251	78.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	312925	100.44	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1135441	84.72	ng	-0.02
78) Terphenyl-d14	20.09	244	2083268	77.55	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.21	163	34529	2.074	ng	Qvalue # 96

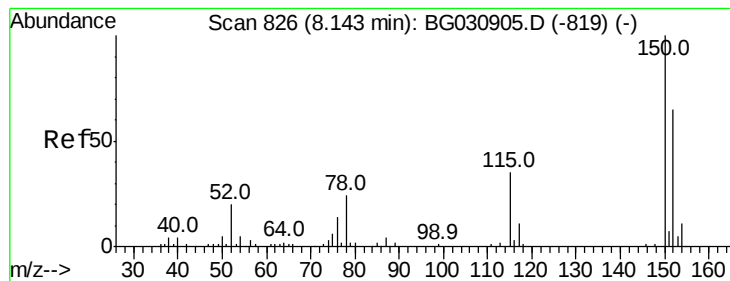
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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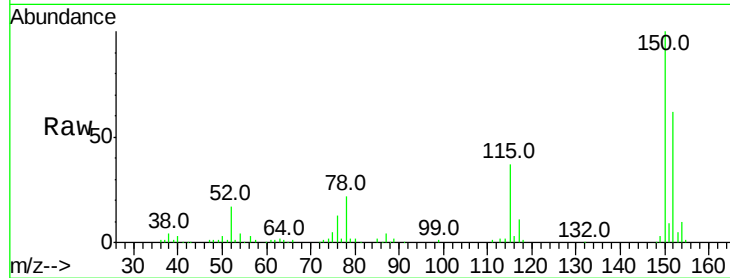


#1

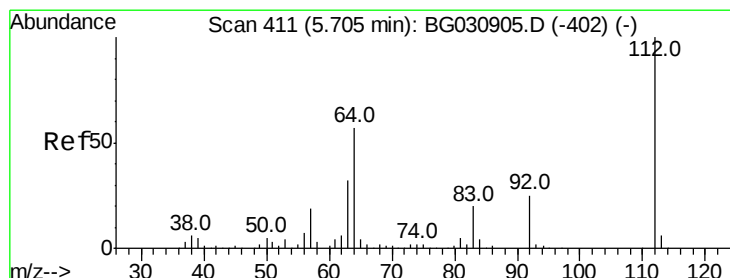
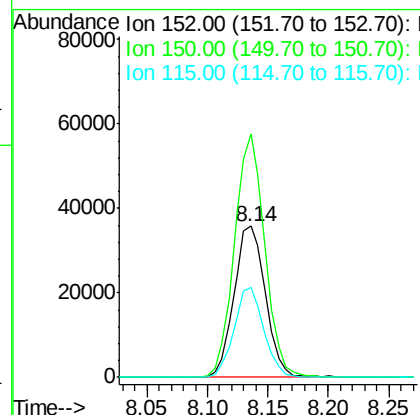
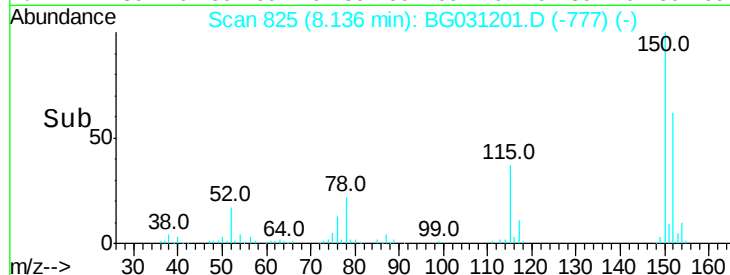
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031201.D
 Acq: 22 Nov 2017 22:26

Instrument :
 BNA_G
 ClientSampleId :
 T71-MW4

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	189.8
115	59.7	53.0	79.4



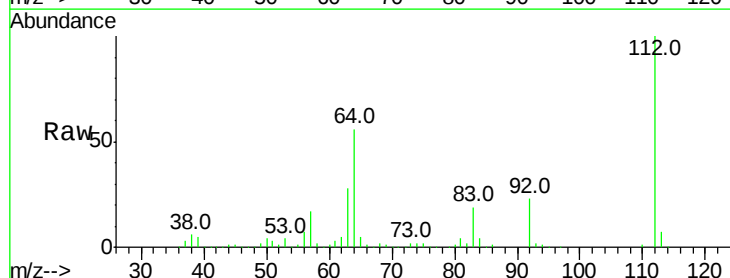
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



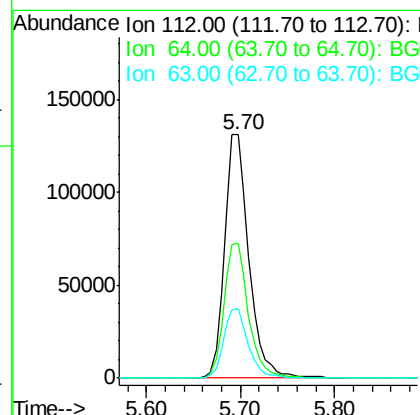
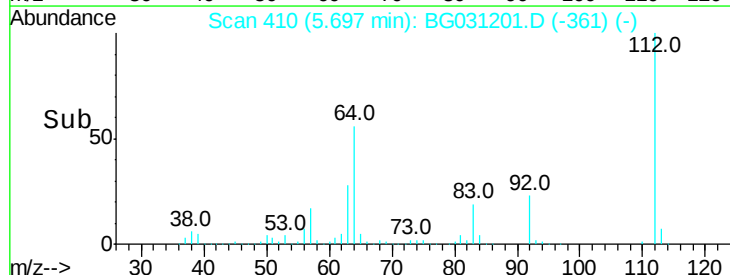
#5

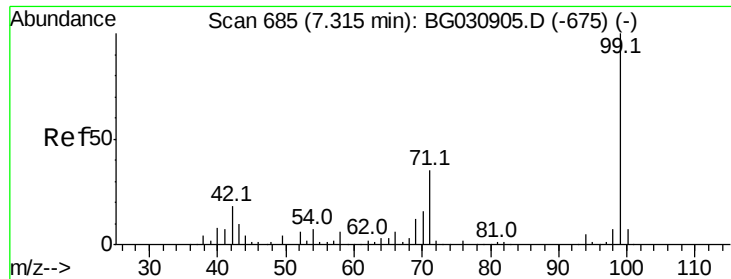
2-Fluorophenol
 Concen: 62.710 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031201.D
 Acq: 22 Nov 2017 22:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	56.3	84.5#
63	28.3	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: 38.993 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031201.D

Acq: 22 Nov 2017 22:26

Instrument :

BNA_G

ClientSampled :

T71-MW4

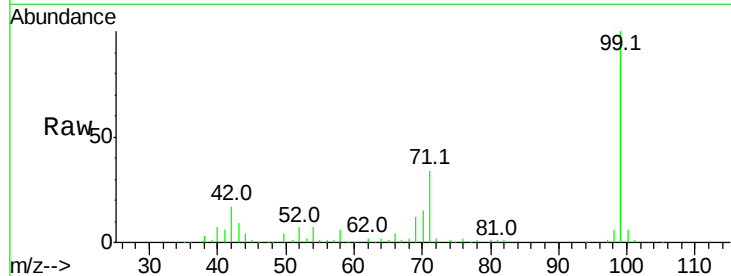
Tot Ion: 99 Resp: 198073

Ion Ratio Lower Upper

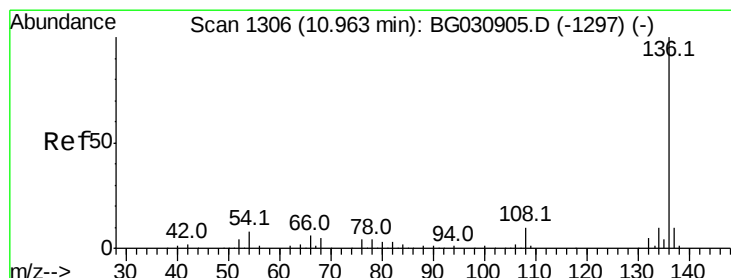
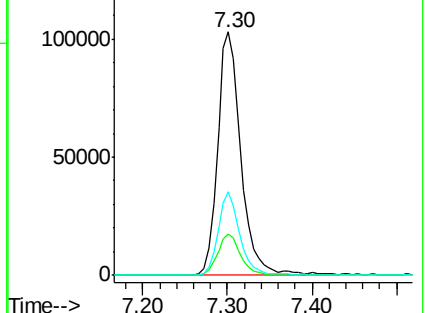
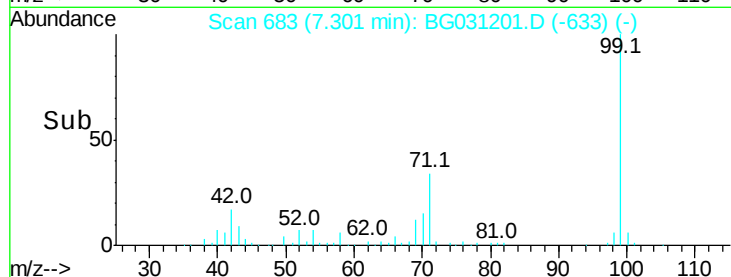
99 100

42 17.1 14.1 21.1

71 34.2 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: BG031201.D

Acq: 22 Nov 2017 22:26

Tgt Ion: 136 Resp: 287850

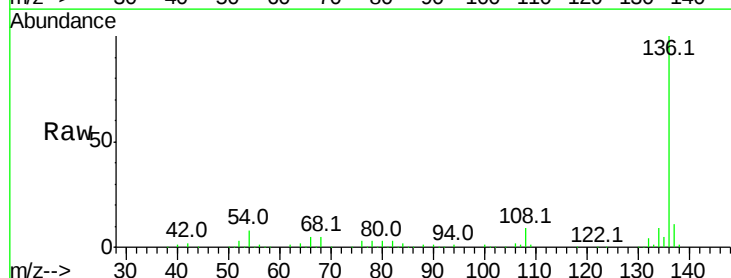
Ion Ratio Lower Upper

136 100

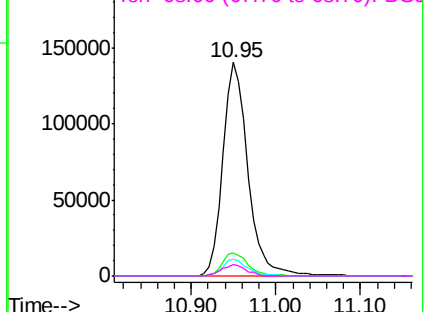
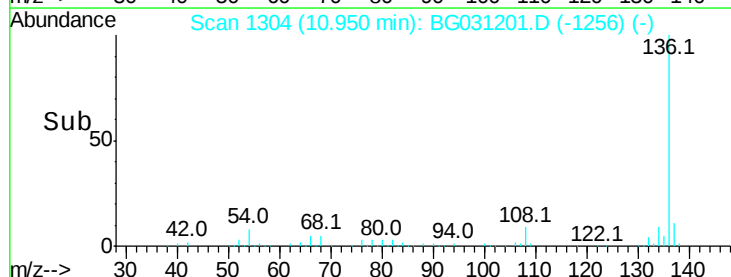
137 11.0 9.2 13.8

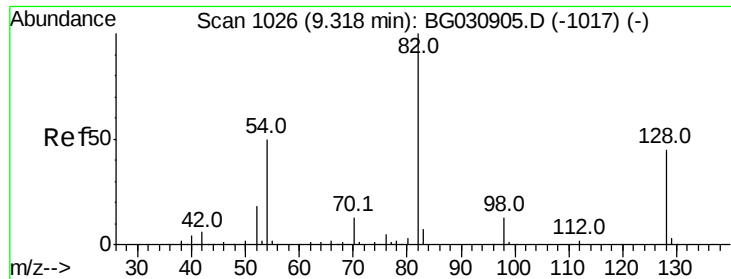
54 7.6 10.3 15.5#

68 5.2 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

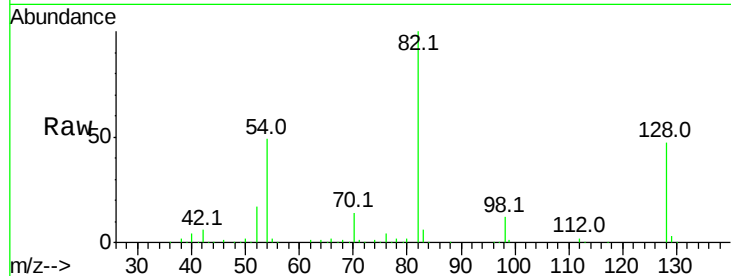




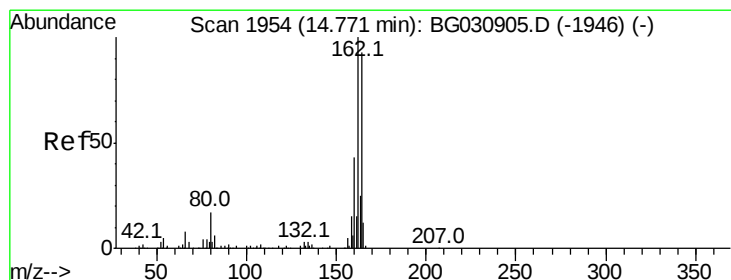
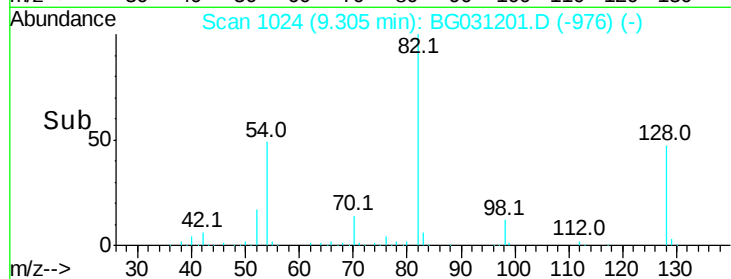
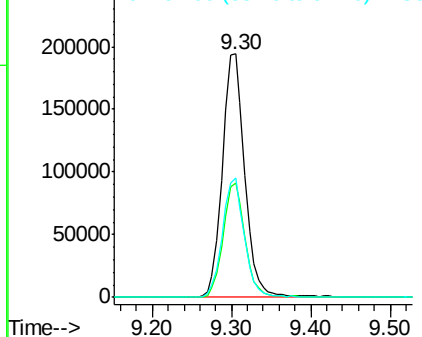
#23
 Nitrobenzene-d5
 Concen: 78.278 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031201.D
 Acq: 22 Nov 2017 22:26

Instrument :
 BNA_G
 ClientSampleId :
 T71-MW4

Tot Ion	82	Resp	380251
Ion	Ratio	Lower	Upper
82	100		
128	47.2	29.7	44.5#
54	49.0	43.1	64.7

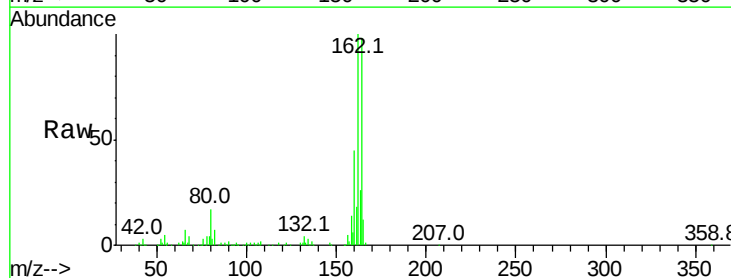


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

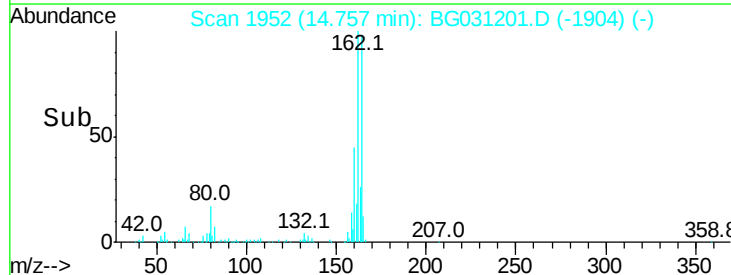
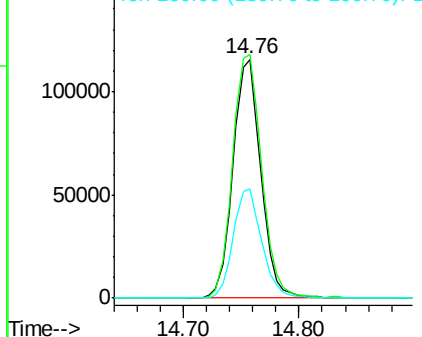


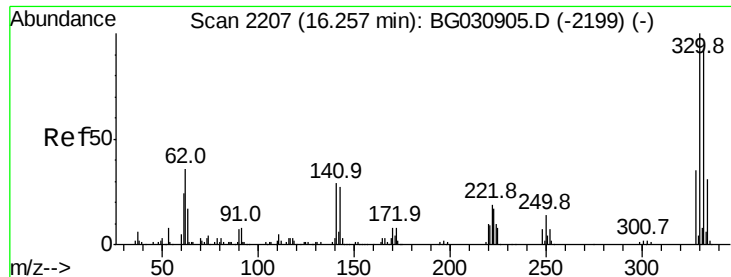
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031201.D
 Acq: 22 Nov 2017 22:26

Tgt Ion	164	Resp	192586
Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	45.7	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

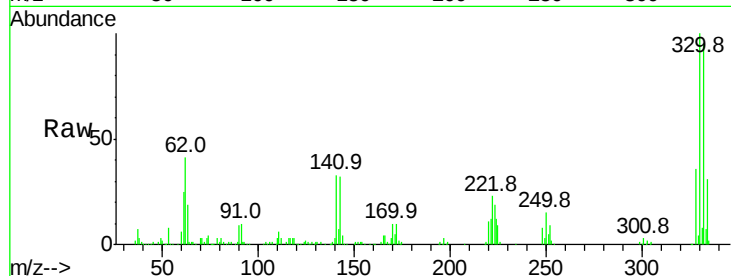




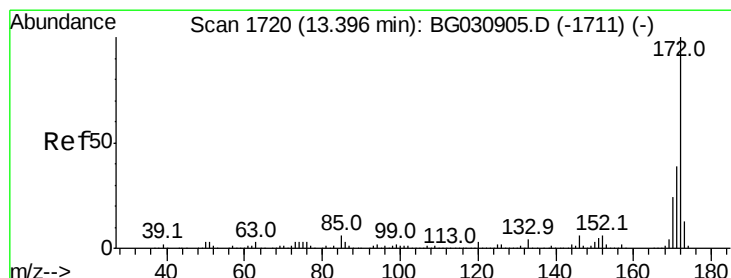
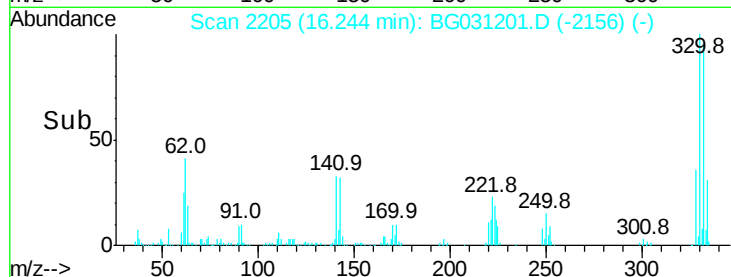
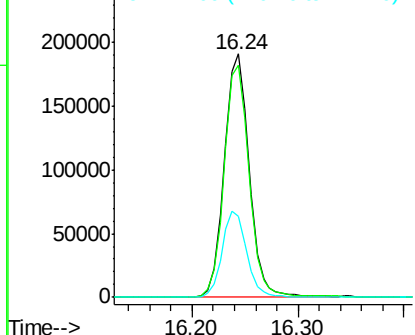
#41
 2,4,6-Tribromophenol
 Concen: 100.444 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031201.D
 Acq: 22 Nov 2017 22:26

Instrument :
 BNA_G
 ClientSampleId :
 T71-MW4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.2	25.2	37.8

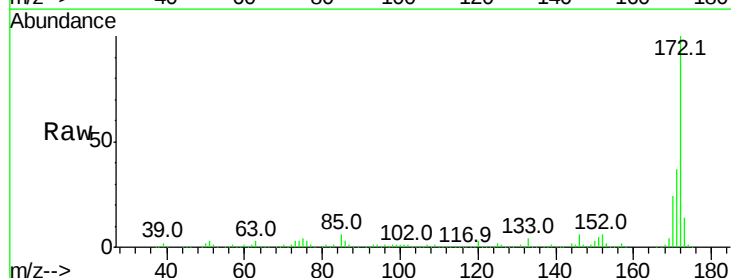


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

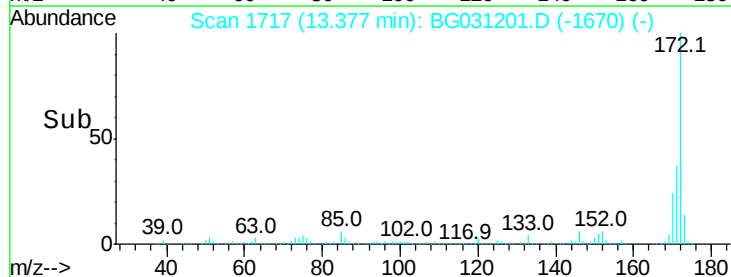
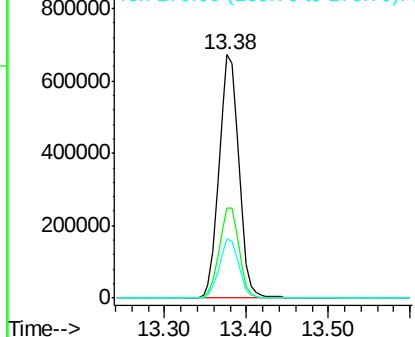


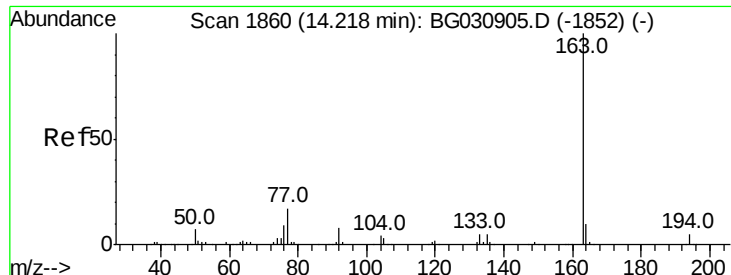
#44
 2-Fluorobiphenyl
 Concen: 84.716 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031201.D
 Acq: 22 Nov 2017 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.3	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





#49

Dimethylphthalate

Concen: 2.074 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG031201.D

Acq: 22 Nov 2017 22:26

Instrument :

BNA_G

ClientSampleId :

T71-MW4

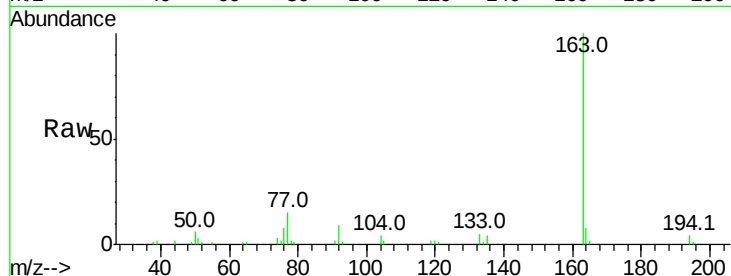
Tot Ion:163 Resp: 34529

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

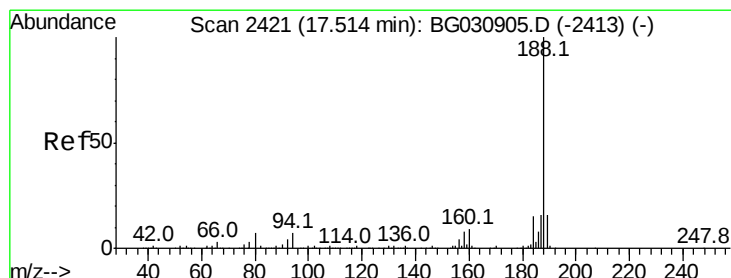
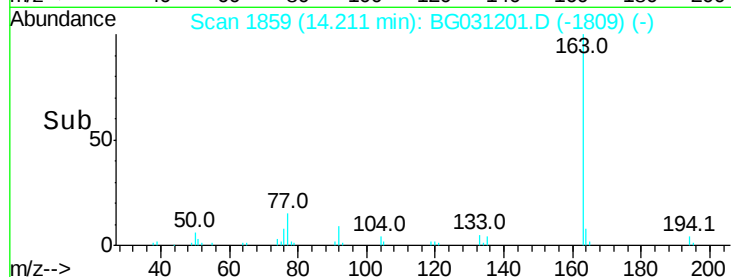
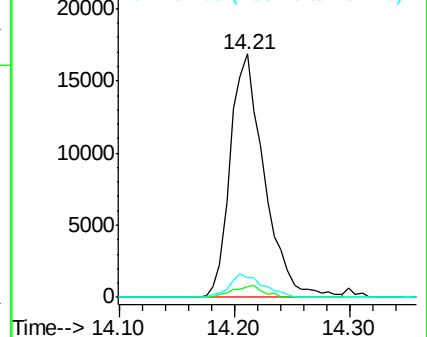
164 8.2 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031201.D

Acq: 22 Nov 2017 22:26

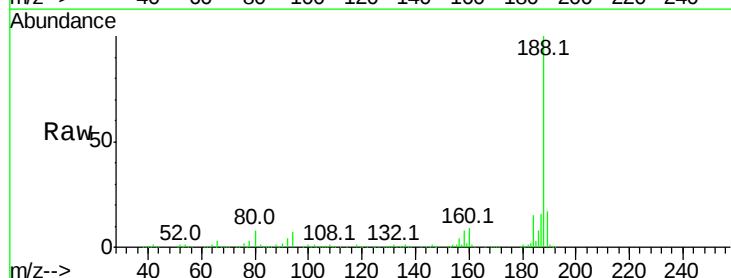
Tgt Ion:188 Resp: 499037

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

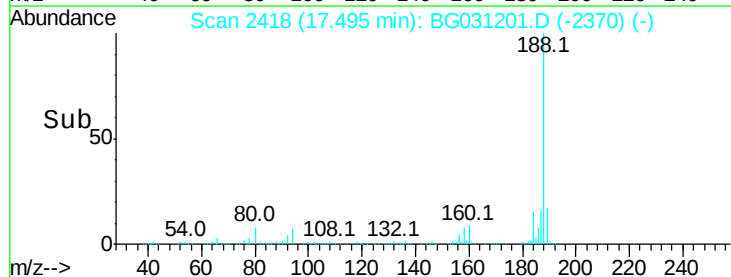
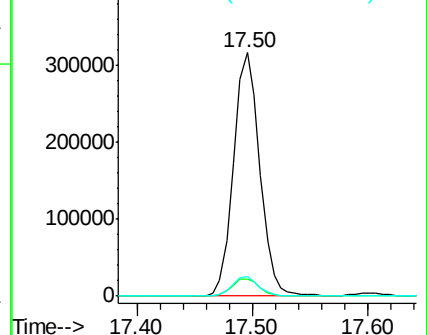
80 8.1 7.7 11.5

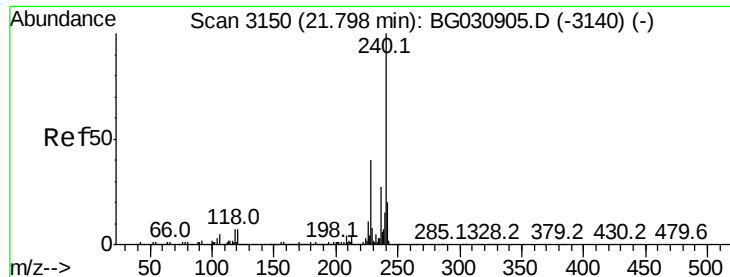


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031201.D

Acq: 22 Nov 2017 22:26

Instrument :

BNA_G

ClientSampleId :

T71-MW4

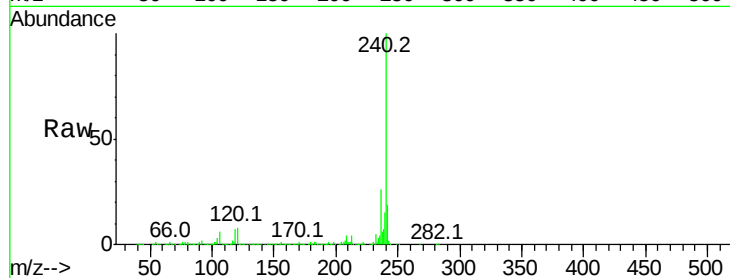
Tot Ion:240 Resp: 593160

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

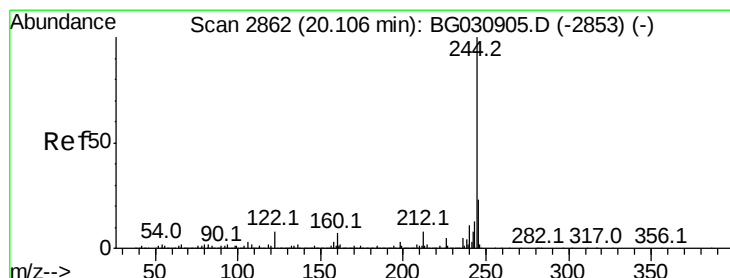
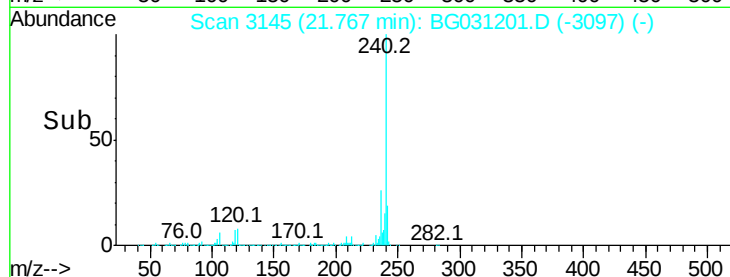
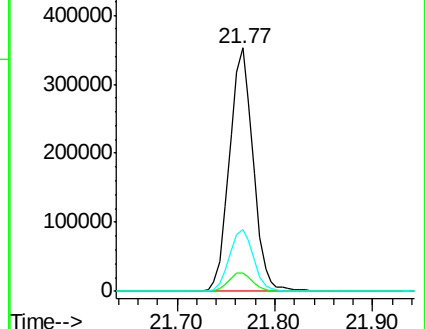
236 25.6 20.9 31.3



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



#78

Terphenyl-d14

Concen: 77.551 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031201.D

Acq: 22 Nov 2017 22:26

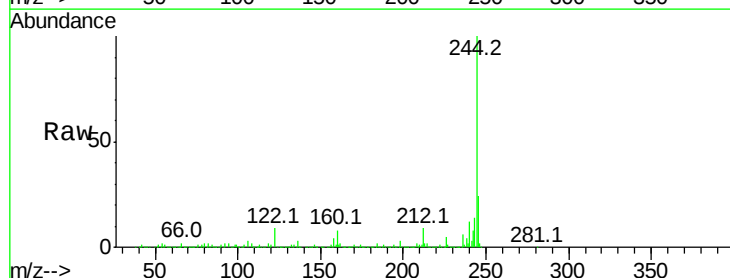
Tgt Ion:244 Resp: 2083268

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

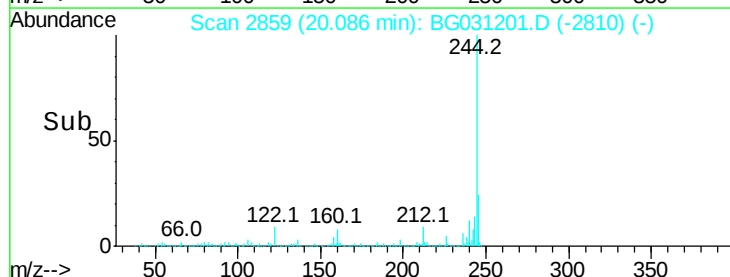
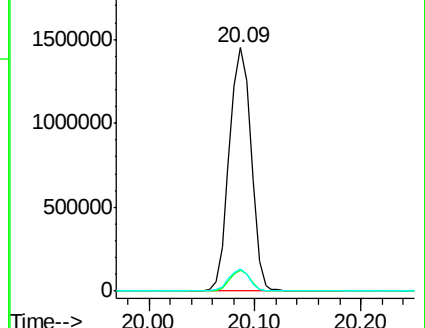
122 9.0 7.0 10.4

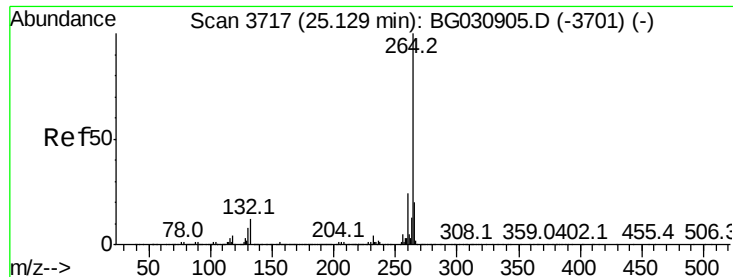


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031201.D
Acq: 22 Nov 2017 22:26

Instrument :
BNA_G
ClientSampleId :
T71-MW4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.9	17.7	26.5

