

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031216.D
 Acq On : 23 Nov 2017 8:50
 Operator : SJ/JU
 Sample : I6557-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3407-RT-1867-2077

Quant Time: Nov 23 23:21:49 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	60785	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	257331	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	165420	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	429543	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	547999	20.00	ng	-0.02
86) Perylene-d12	25.07	264	541734	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	518157	146.17	ng	-0.01
7) Phenol-d6	7.30	99	607011	127.11	ng	0.00
23) Nitrobenzene-d5	9.30	82	439855	101.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	346412	129.45	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1194258	103.74	ng	-0.02
78) Terphenyl-d14	20.08	244	2375366	95.71	ng	-0.01

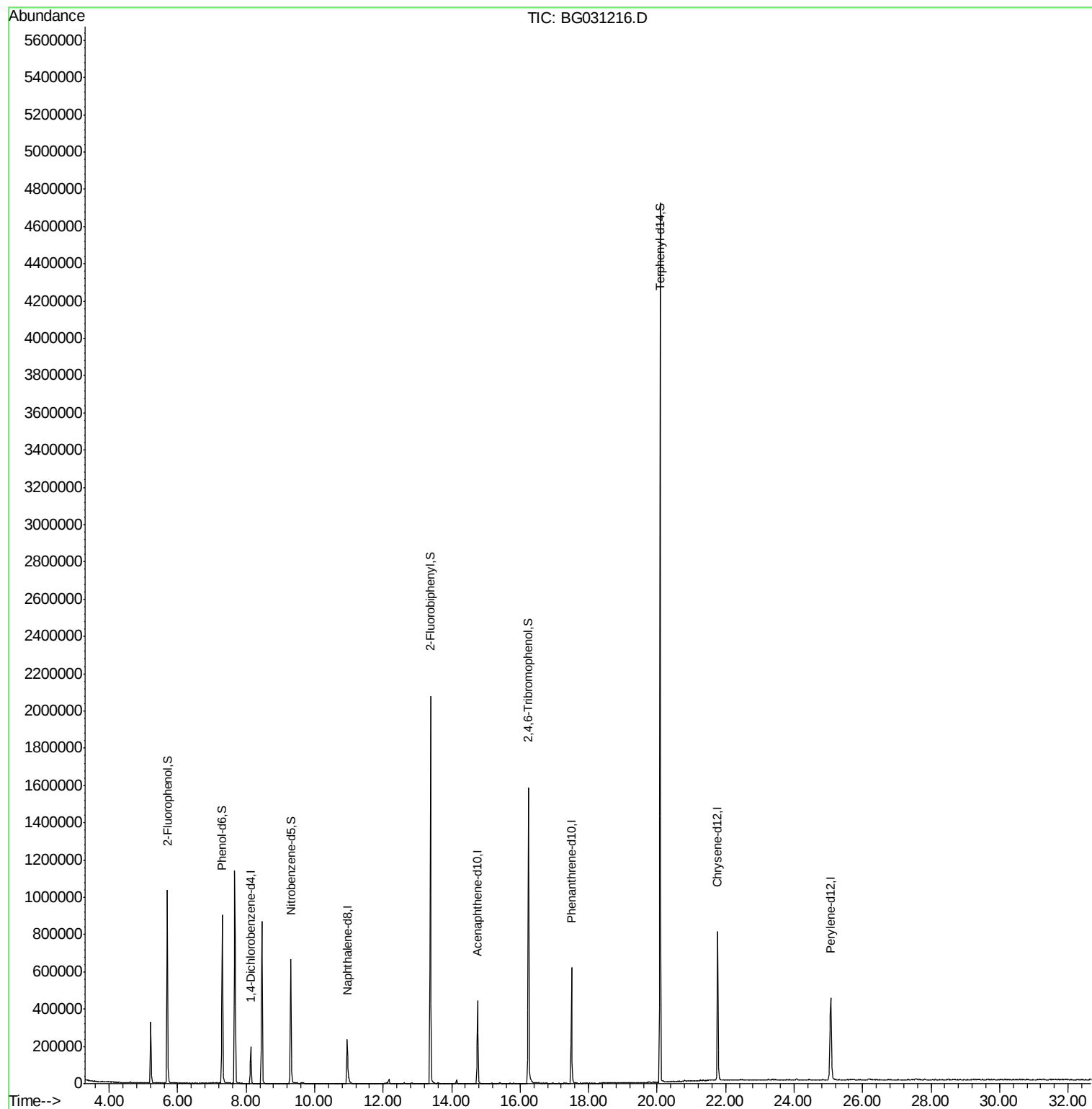
Target Compounds Qvalue

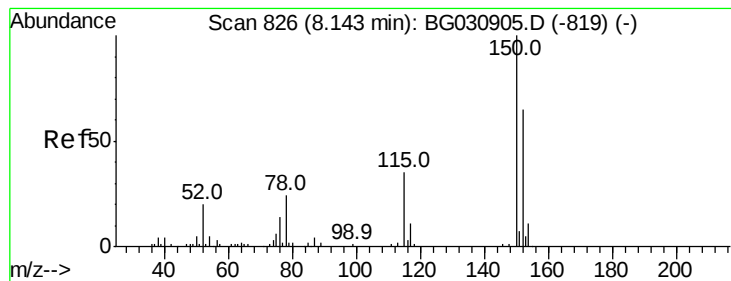
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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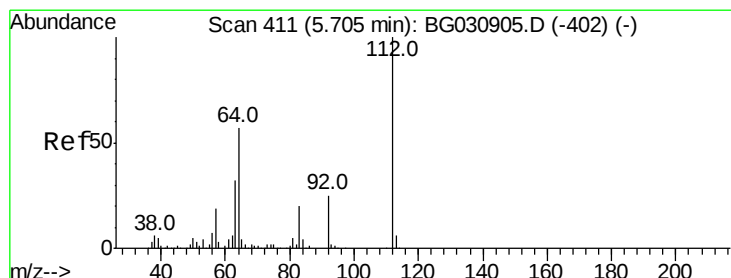
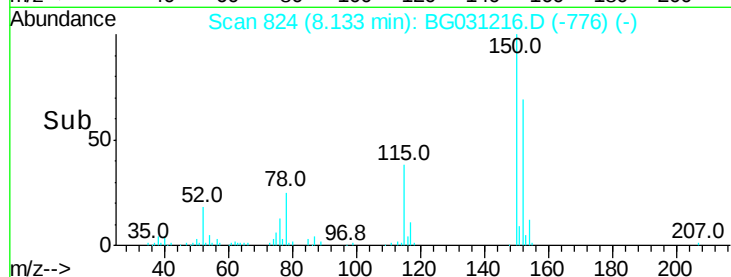
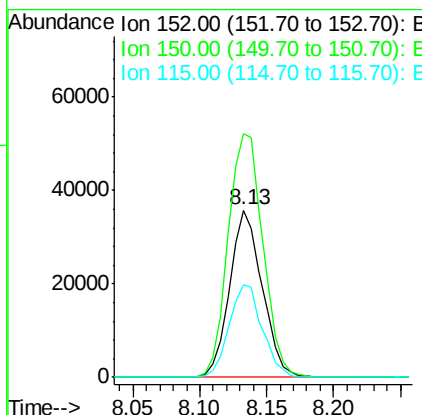
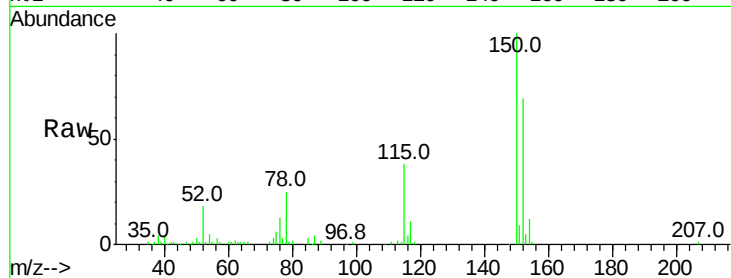


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031216.D
Acq: 23 Nov 2017 8:50

Instrument :
BNA_G
ClientSampleId :
RT-3407-RT-1867-2077

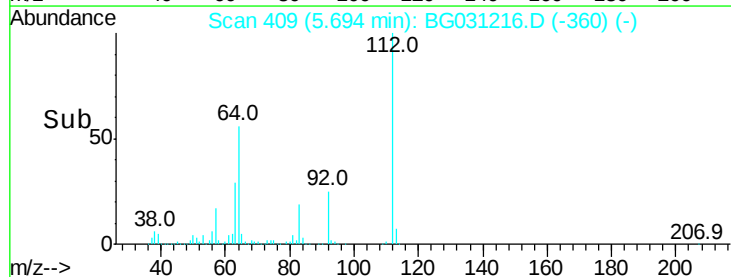
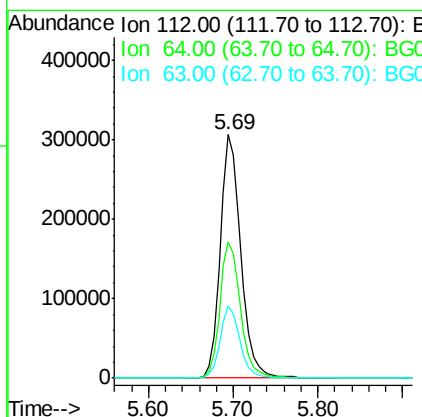
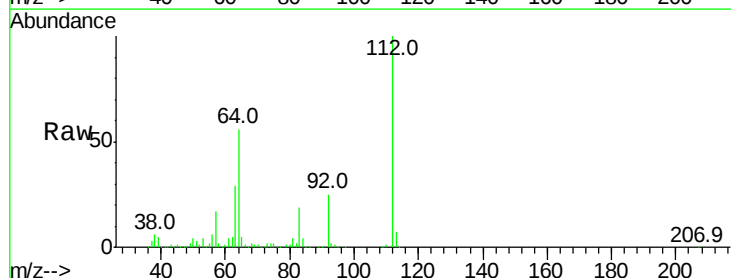
Tot Ion:152 Resp: 60785
Ion Ratio Lower Upper
152 100
150 145.5 126.6 189.8
115 55.7 53.0 79.4

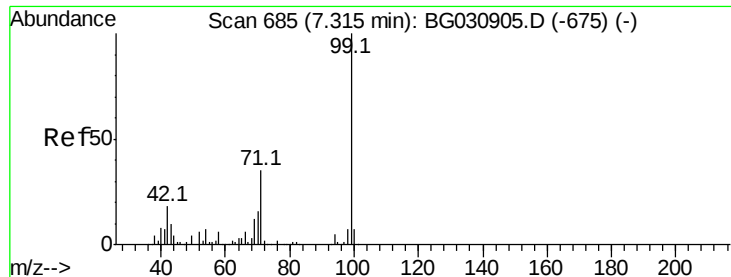


#5

2-Fluorophenol
Concen: 146.173 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031216.D
Acq: 23 Nov 2017 8:50

Tgt Ion:112 Resp: 518157
Ion Ratio Lower Upper
112 100
64 55.9 56.3 84.5#
63 29.4 30.1 45.1#





#7

Phenol-d6

Concen: 127.106 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031216.D

Acq: 23 Nov 2017 8:50

Instrument :

BNA_G

ClientSampleId :

RT-3407-RT-1867-2077

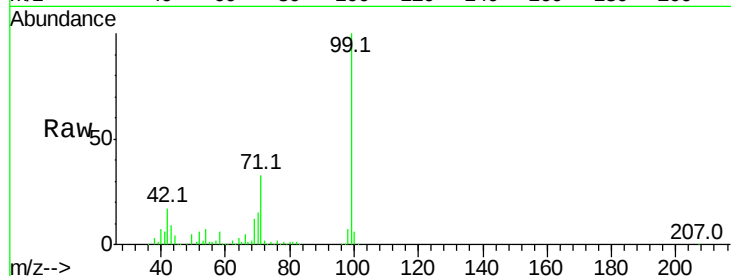
Tot Ion: 99 Resp: 607011

Ion Ratio Lower Upper

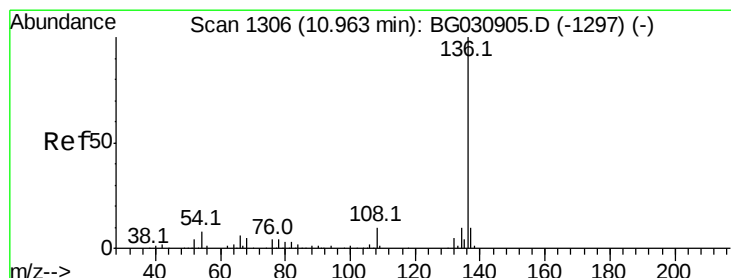
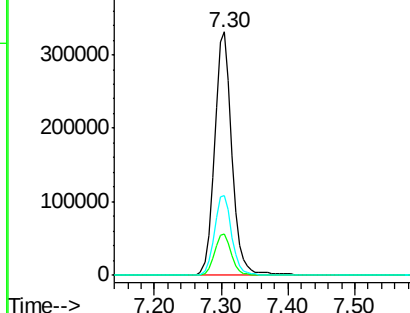
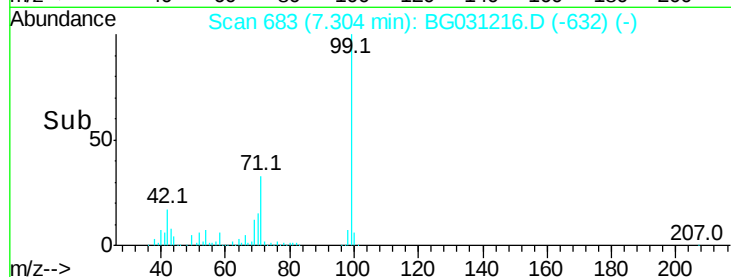
99 100

42 16.7 14.1 21.1

71 32.8 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: BG031216.D

Acq: 23 Nov 2017 8:50

Tgt Ion: 136 Resp: 257331

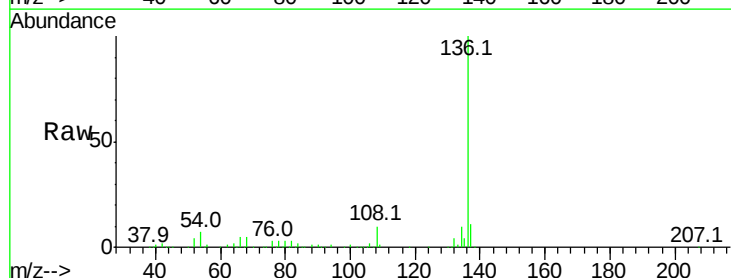
Ion Ratio Lower Upper

136 100

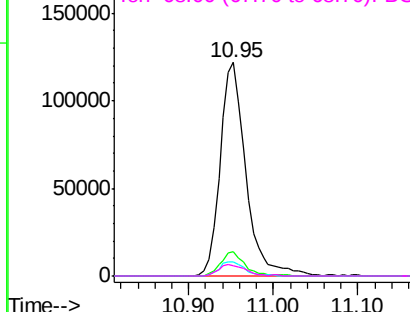
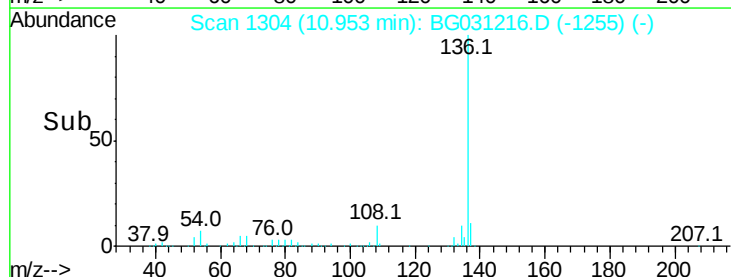
137 11.4 9.2 13.8

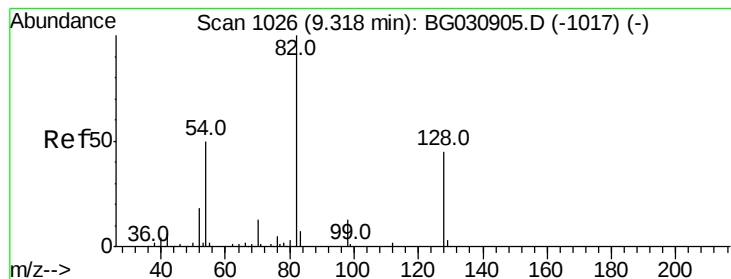
54 6.7 10.3 15.5#

68 4.6 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: 101.287 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BG031216.D

Acq: 23 Nov 2017 8:50

Instrument :

BNA_G

ClientSampleId :

RT-3407-RT-1867-2077

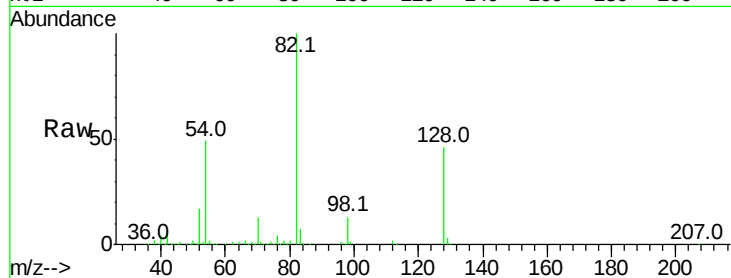
Tot Ion: 82 Resp: 439855

Ion Ratio Lower Upper

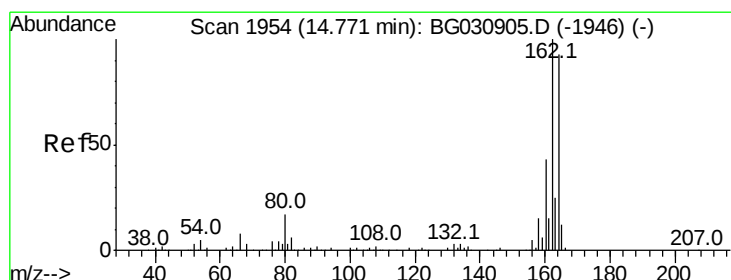
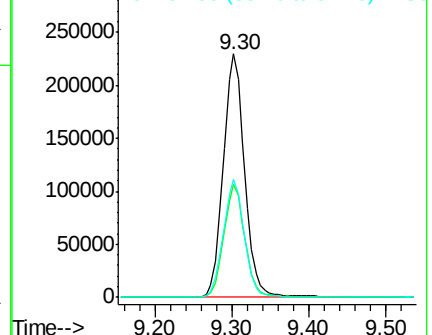
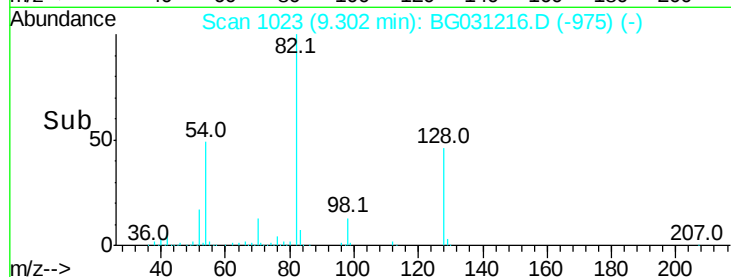
82 100

128 46.2 29.7 44.5#

54 48.6 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: BG031216.D

Acq: 23 Nov 2017 8:50

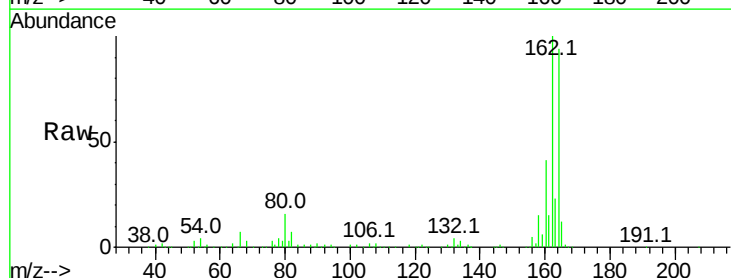
Tgt Ion:164 Resp: 165420

Ion Ratio Lower Upper

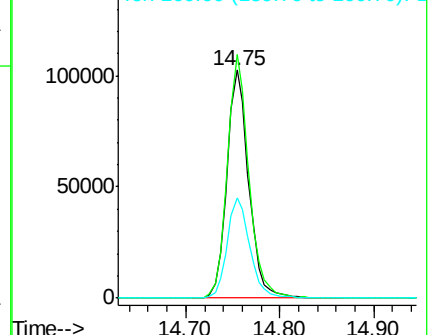
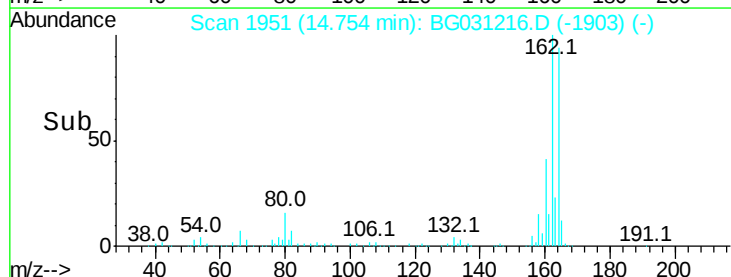
164 100

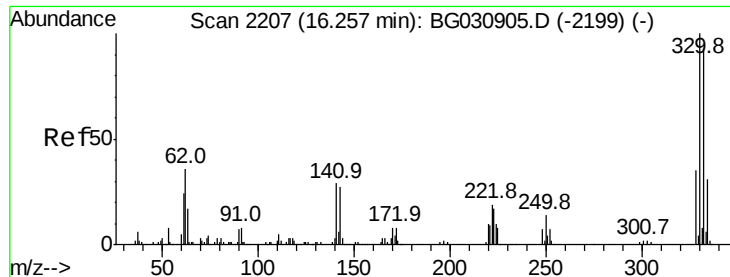
162 106.8 78.8 118.2

160 44.2 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

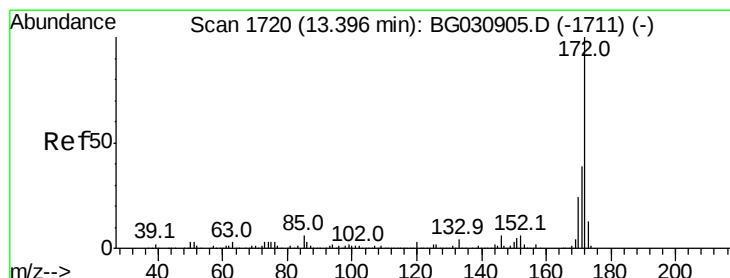
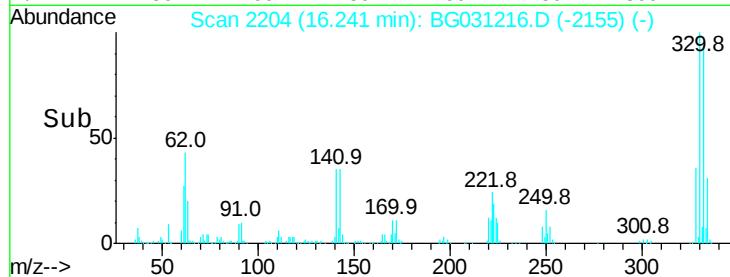
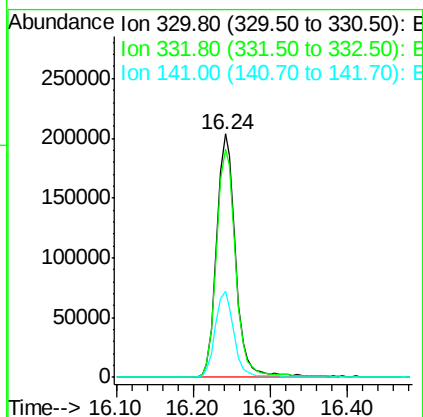
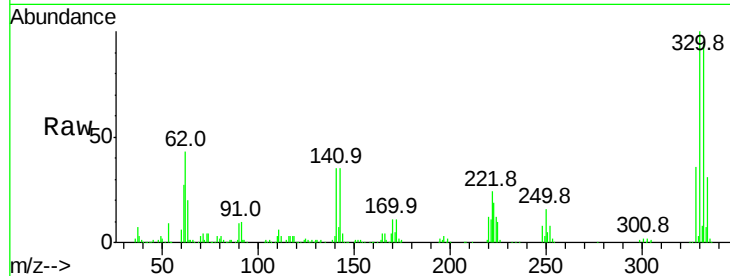




#41
 2,4,6-Tribromophenol
 Concen: 129.453 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031216.D
 Acq: 23 Nov 2017 8:50

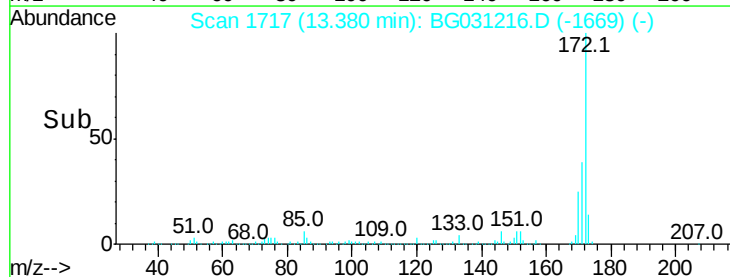
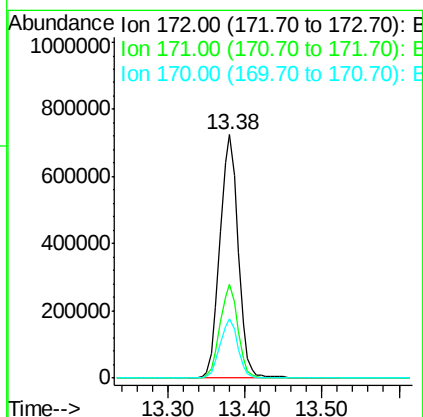
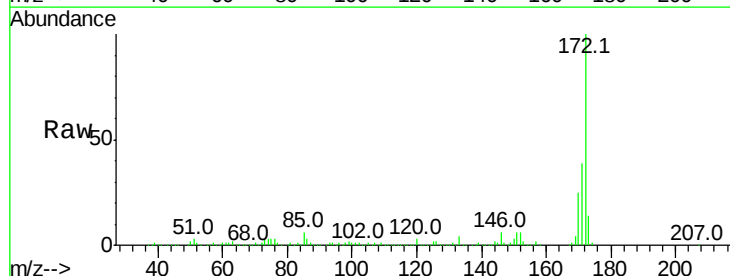
Instrument :
 BNA_G
 ClientSampleId :
 RT-3407-RT-1867-2077

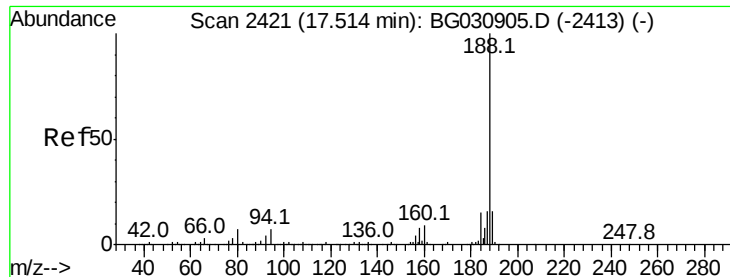
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 103.737 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031216.D
 Acq: 23 Nov 2017 8:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.6	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG031216.D

Acq: 23 Nov 2017 8:50

Instrument :

BNA_G

ClientSampleId :

RT-3407-RT-1867-2077

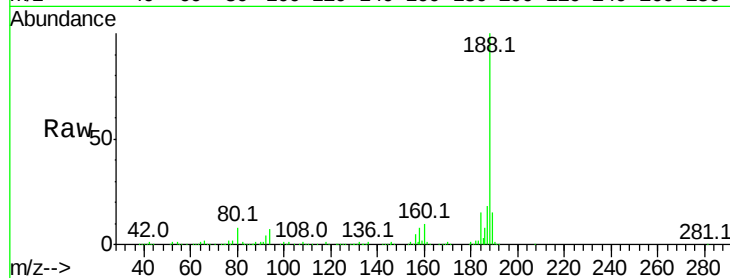
Tot Ion:188 Resp: 429543

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

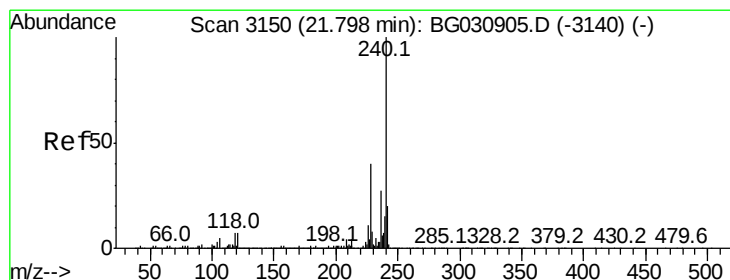
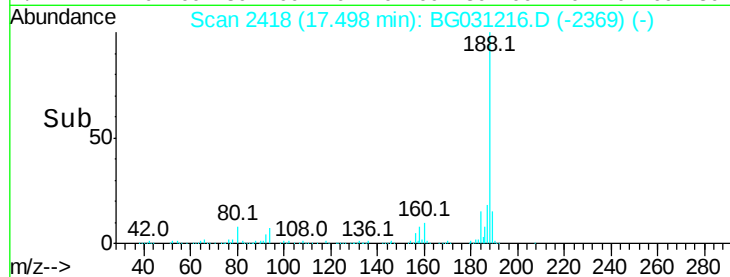
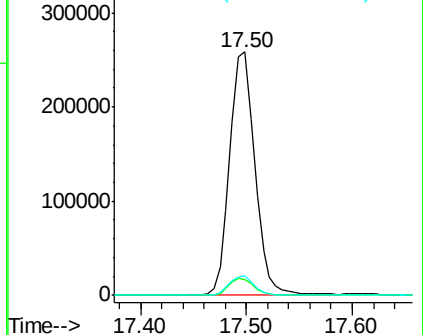
80 8.0 7.7 11.5



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: BG031216.D

Acq: 23 Nov 2017 8:50

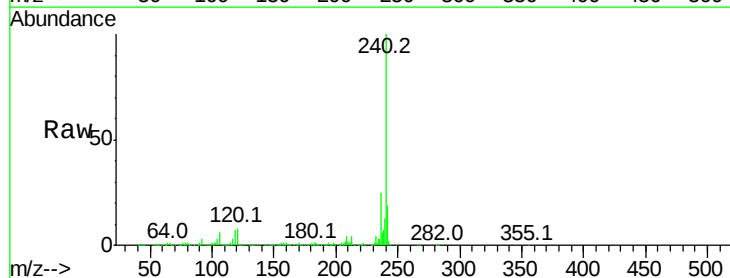
Tgt Ion:240 Resp: 547999

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

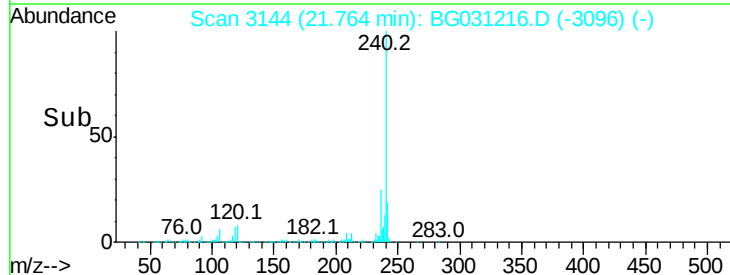
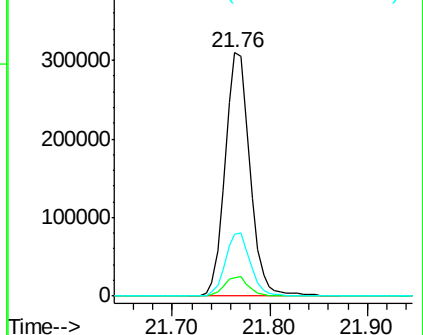
236 25.5 20.9 31.3



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: 95.712 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031216.D

Acq: 23 Nov 2017 8:50

Instrument :

BNA_G

ClientSampleId :

RT-3407-RT-1867-2077

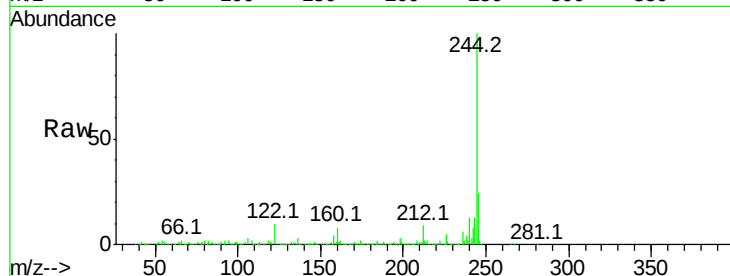
Tot Ion:244 Resp: 2375366

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 9.5 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

2000000

1500000

1000000

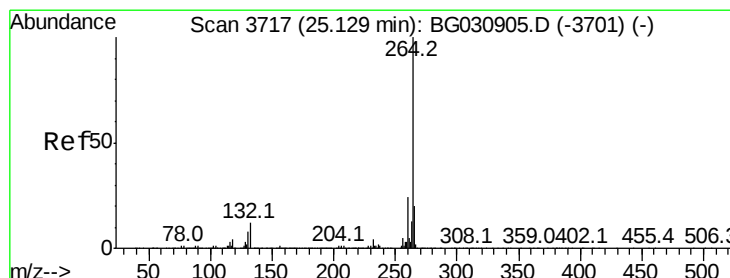
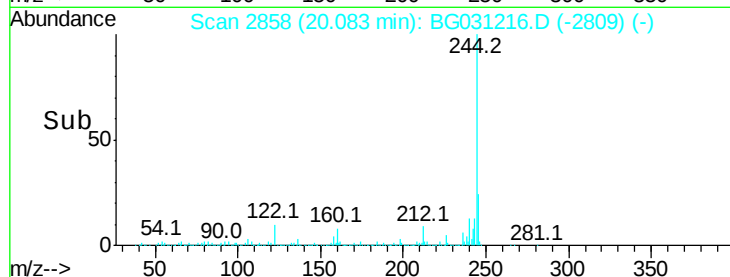
500000

0

20.08

20.00 20.10 20.20

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031216.D

Acq: 23 Nov 2017 8:50

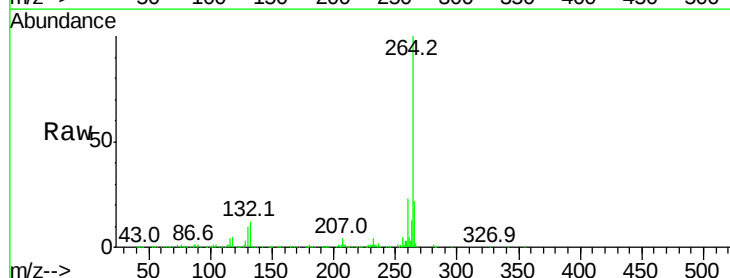
Tgt Ion:264 Resp: 541734

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.9 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

200000

150000

100000

50000

0

25.07

25.00 25.20

Time-->

