

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036013.D
 Acq On : 31 Jul 2018 22:41
 Operator : JU/SJ
 Sample : J3825-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-C

Quant Time: Aug 01 01:41:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37337	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	128480	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	90457	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	261895	20.00	ng	0.00
75) Chrysene-d12	21.65	240	295862	20.00	ng	0.00
86) Perylene-d12	24.85	264	269177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	274368	122.00	ng	0.00
7) Phenol-d6	7.19	99	341618	101.81	ng	0.00
23) Nitrobenzene-d5	9.19	82	279714	90.95	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	188316	157.95	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	637503	94.42	ng	0.00
78) Terphenyl-d14	19.99	244	1285441	95.77	ng	0.00

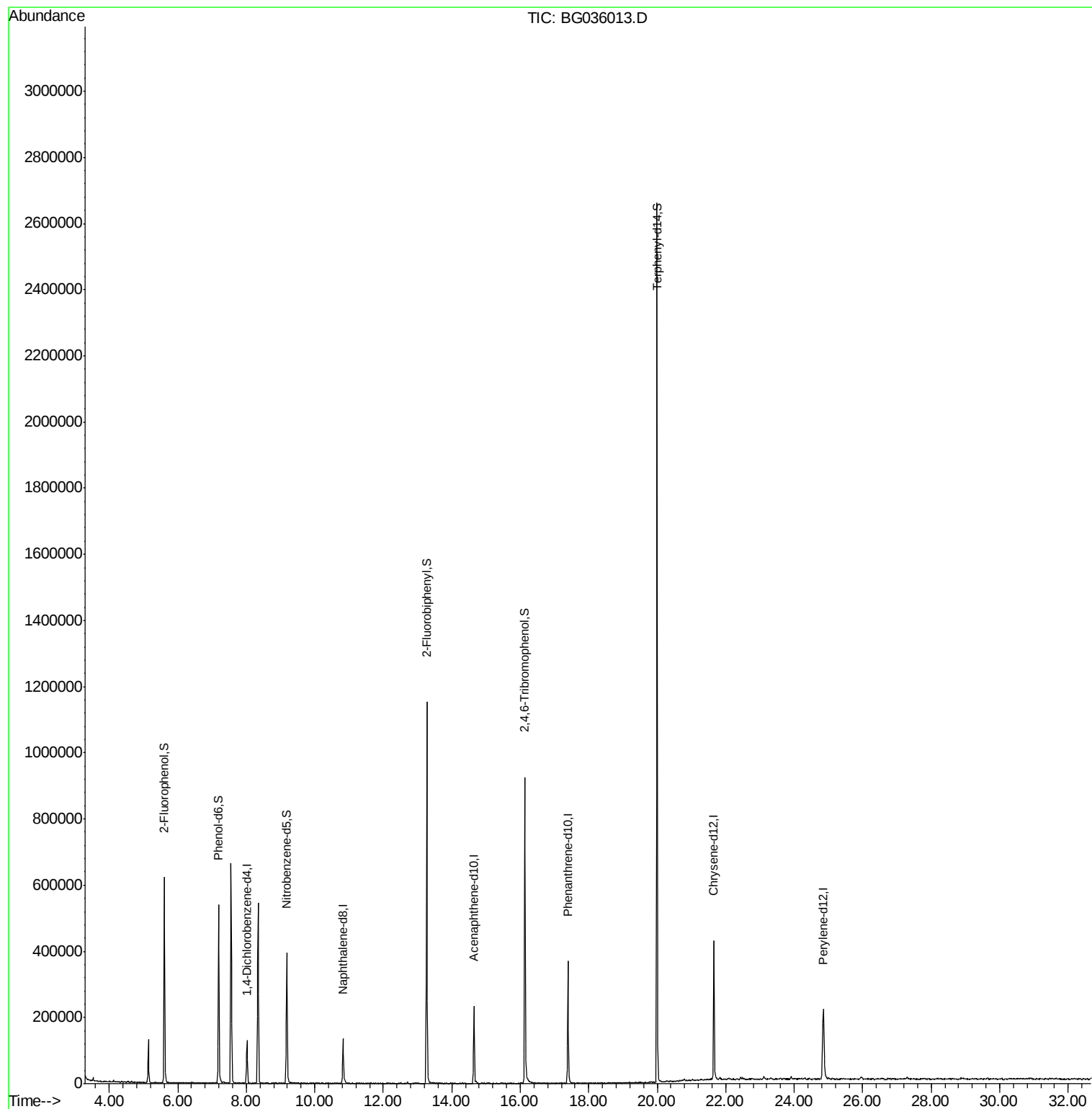
Target Compounds Qvalue

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

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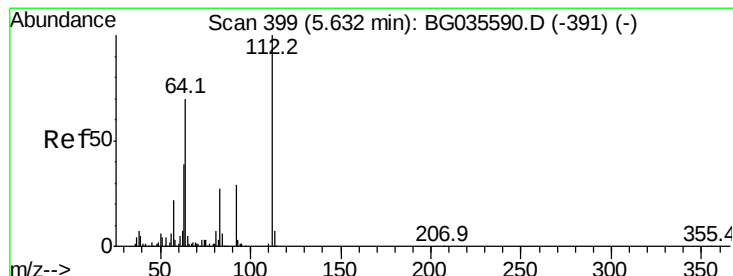
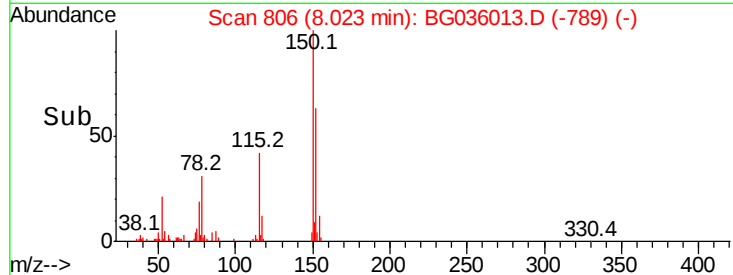
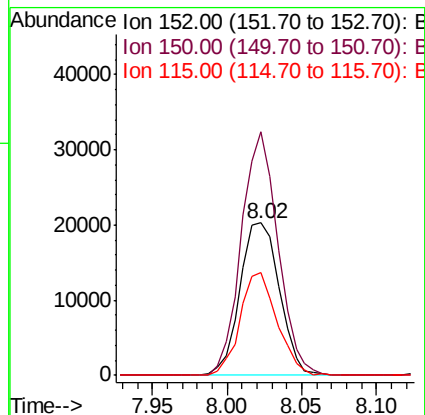
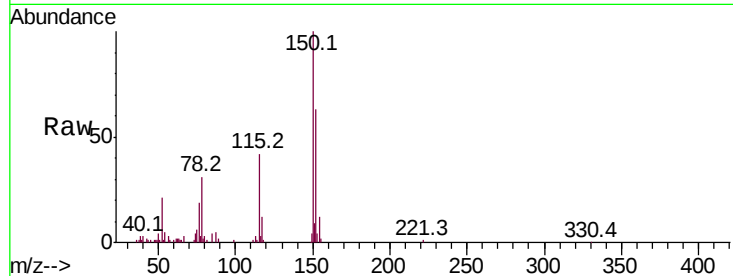


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Instrument :
BNA_G
ClientSampleId :
CL-01-073018-C

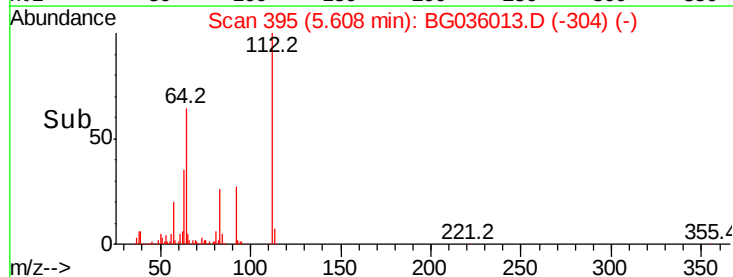
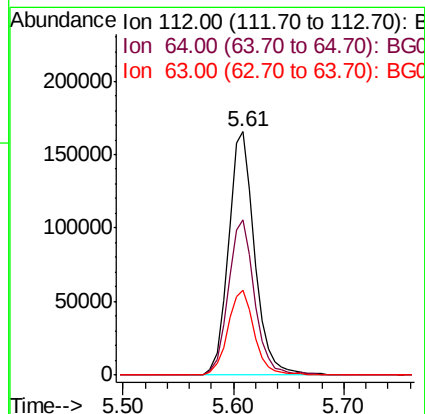
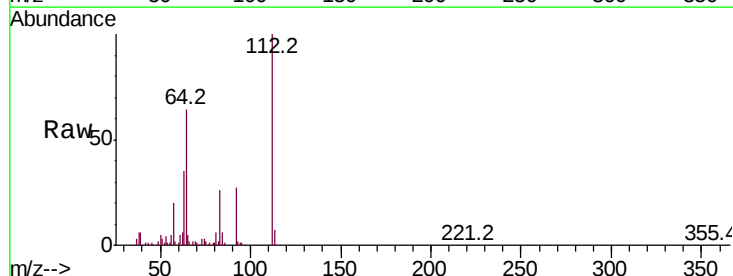
Tot Ion:152 Resp: 37337
Ion Ratio Lower Upper
152 100
150 159.8 126.6 189.8
115 67.4 53.0 79.4

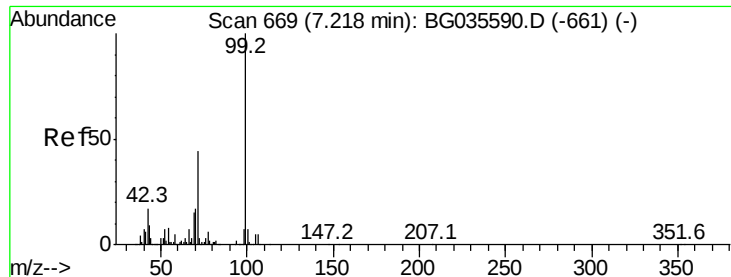


#5

2-Fluorophenol
Concen: 122.001 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Tgt Ion:112 Resp: 274368
Ion Ratio Lower Upper
112 100
64 64.0 56.3 84.5
63 34.8 30.1 45.1





#7

Phenol-d6

Concen: 101.814 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-C

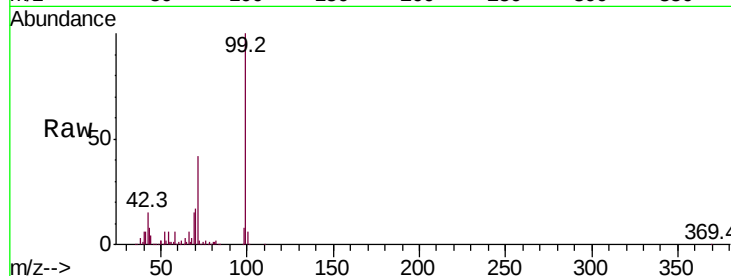
Tot Ion: 99 Resp: 341618

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

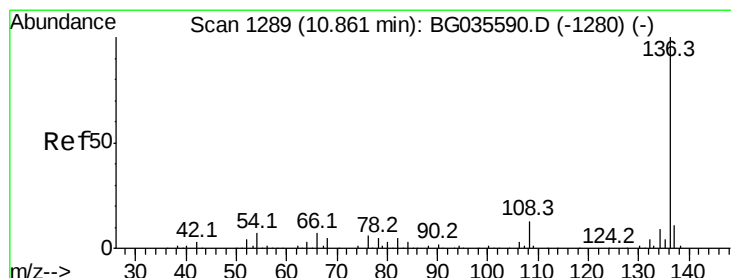
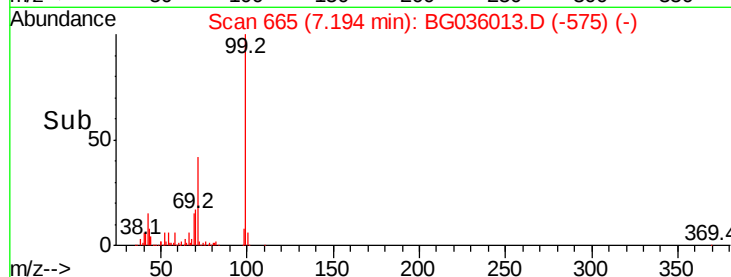
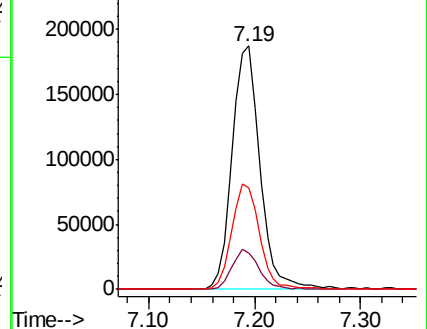
71 41.5 26.1 39.1#



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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

Tgt Ion: 136 Resp: 128480

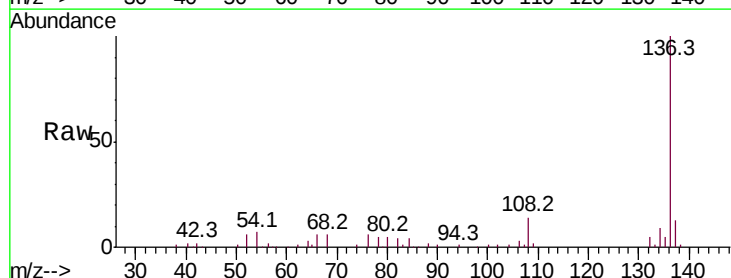
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 7.4 10.3 15.5#

68 6.4 4.5 6.7

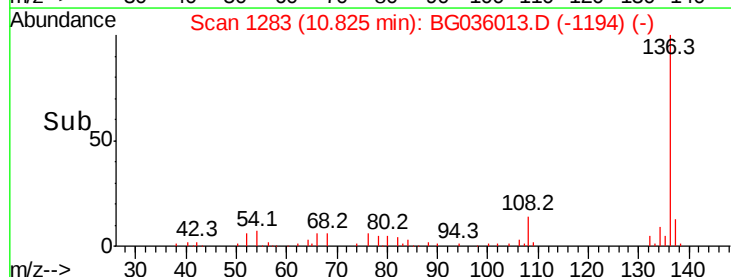
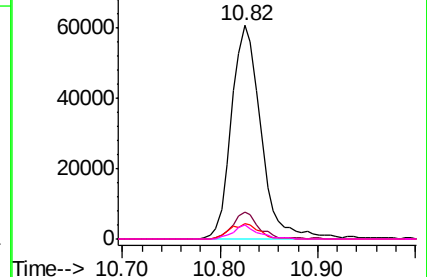


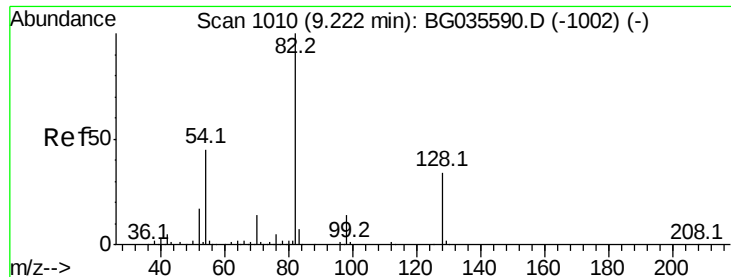
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 90.948 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-C

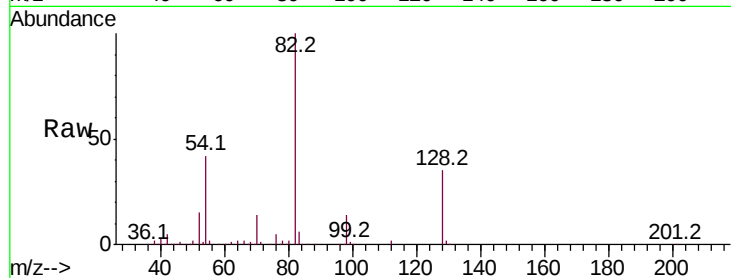
Tot Ion: 82 Resp: 279714

Ion Ratio Lower Upper

82 100

128 34.9 29.7 44.5

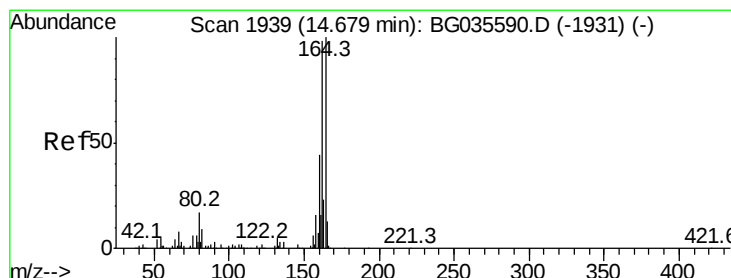
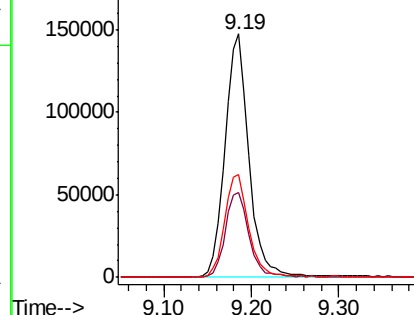
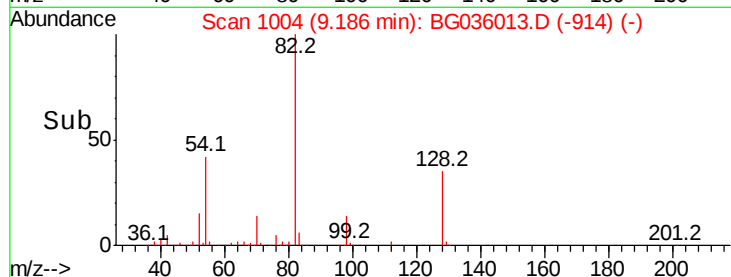
54 42.4 43.1 64.7#



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: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

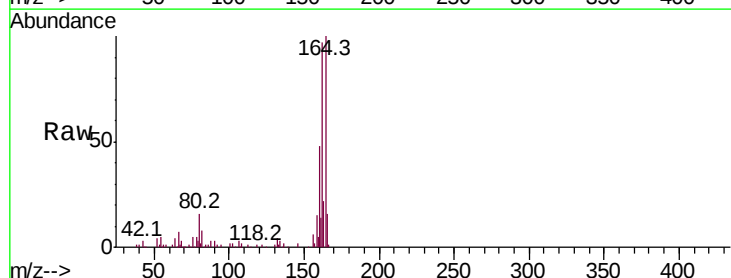
Tgt Ion:164 Resp: 90457

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

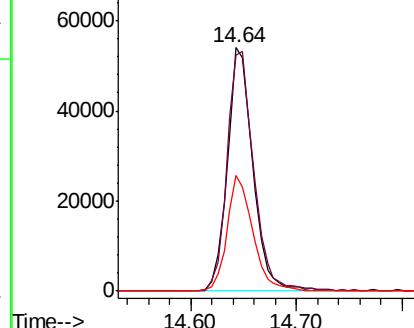
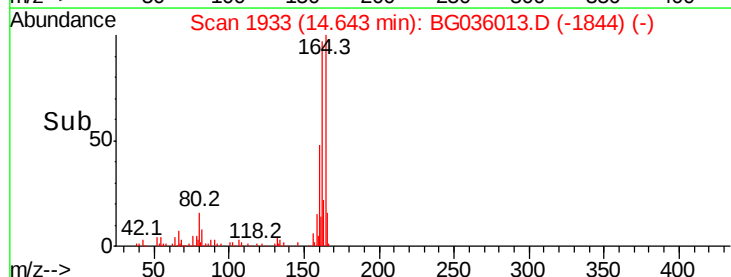
160 47.7 35.4 53.0

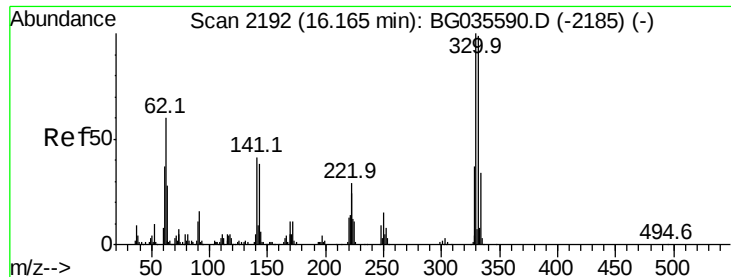


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

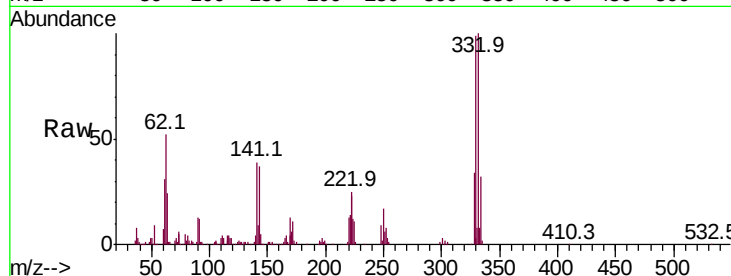




#41
 2,4,6-Tribromophenol
 Concen: 157.946 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036013.D
 Acq: 31 Jul 2018 22:41

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	39.1	25.2	37.8#

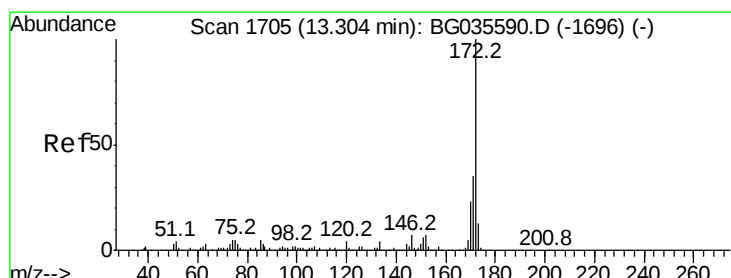
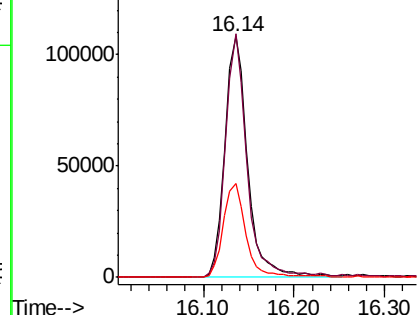
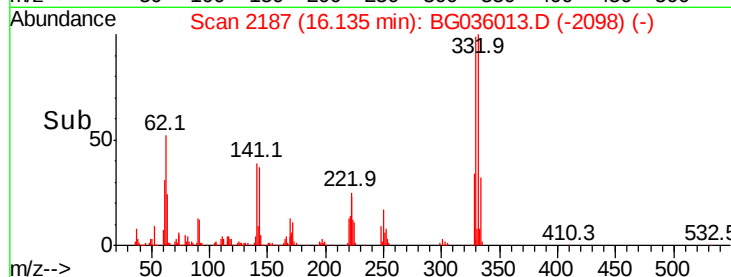


Abundance

Ion 329.80 (329.50 to 330.50): E

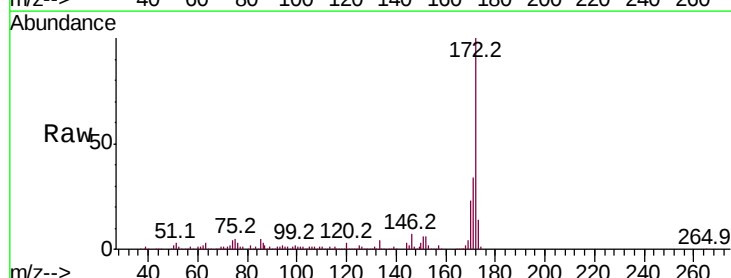
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.419 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036013.D
 Acq: 31 Jul 2018 22:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.1	19.5	29.3

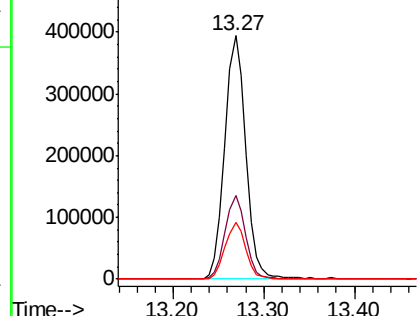
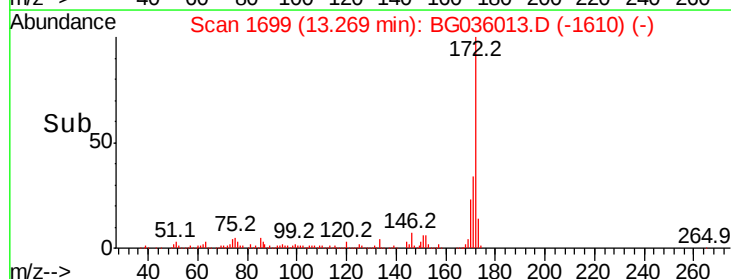


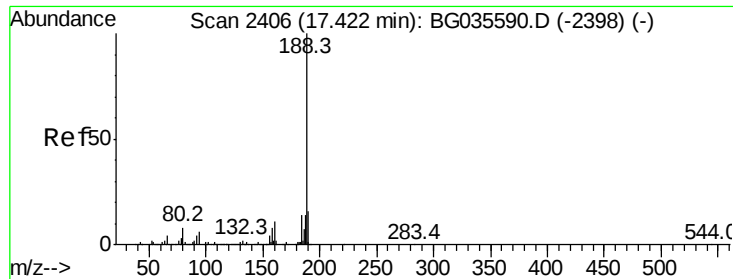
Abundance

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

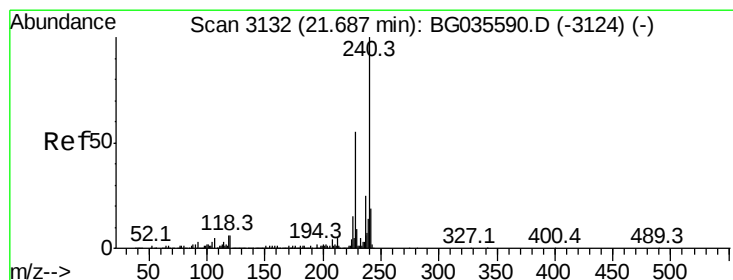
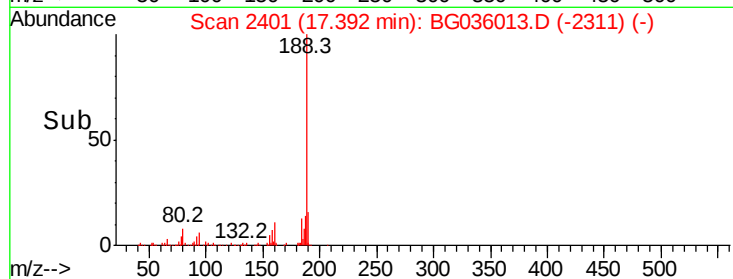
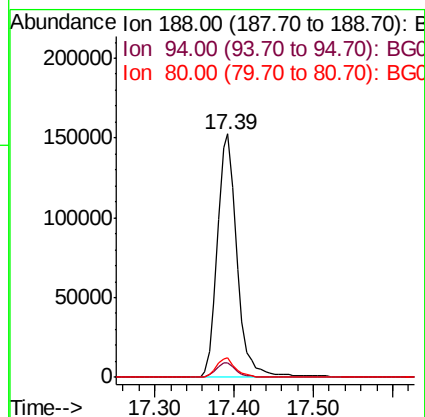
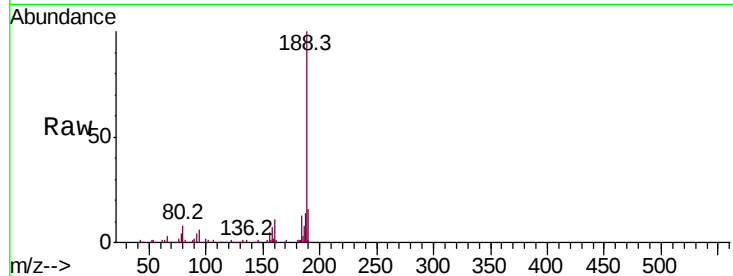




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

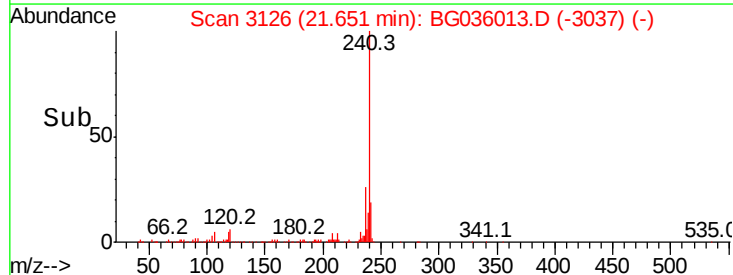
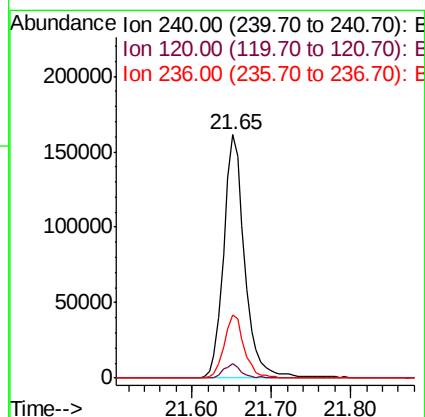
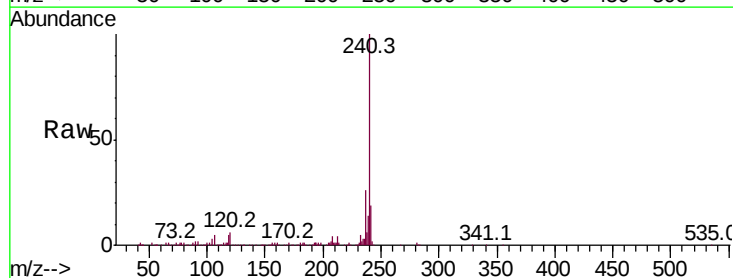
Instrument :
BNA_G
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CL-01-073018-C

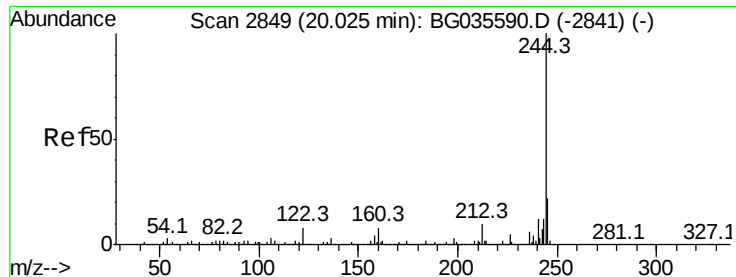
Tot Ion:188 Resp: 261895
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036013.D
Acq: 31 Jul 2018 22:41

Tgt Ion:240 Resp: 295862
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 95.771 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-C

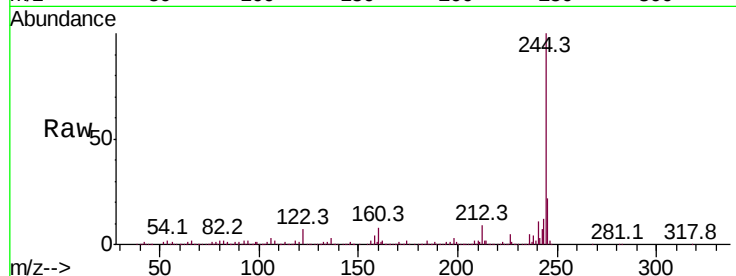
Tot Ion:244 Resp: 1285441

Ion Ratio Lower Upper

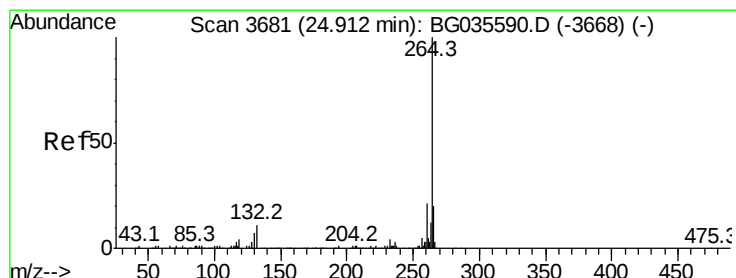
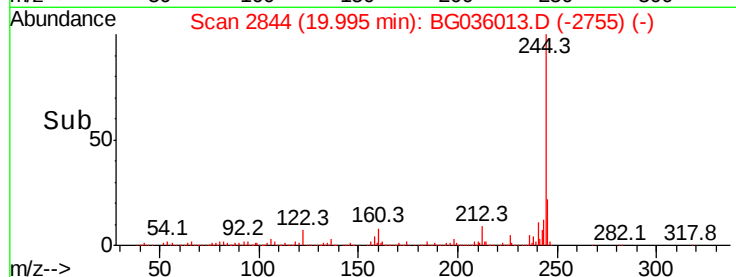
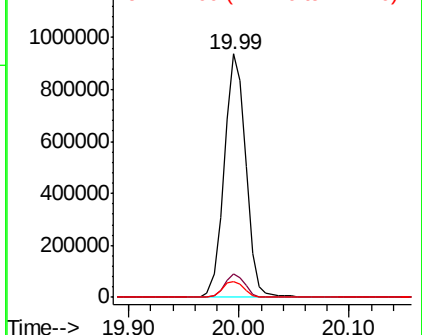
244 100

212 9.4 5.8 8.8#

122 6.6 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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036013.D

Acq: 31 Jul 2018 22:41

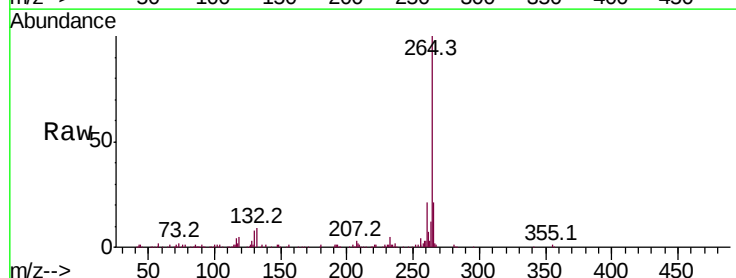
Tgt Ion:264 Resp: 269177

Ion Ratio Lower Upper

264 100

260 20.8 17.4 26.0

265 20.5 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

