

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036014.D
 Acq On : 31 Jul 2018 23:20
 Operator : JU/SJ
 Sample : J3825-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 01 01:43:26 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	39437	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	136136	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	95154	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	261837	20.00	ng	0.00
75) Chrysene-d12	21.65	240	283269	20.00	ng	0.00
86) Perylene-d12	24.85	264	263112	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	299961	126.28	ng	0.00
7) Phenol-d6	7.19	99	373139	105.29	ng	0.00
23) Nitrobenzene-d5	9.18	82	309953	95.11	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	200092	159.54	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	713371	100.44	ng	0.00
78) Terphenyl-d14	20.00	244	1322578	102.92	ng	0.00

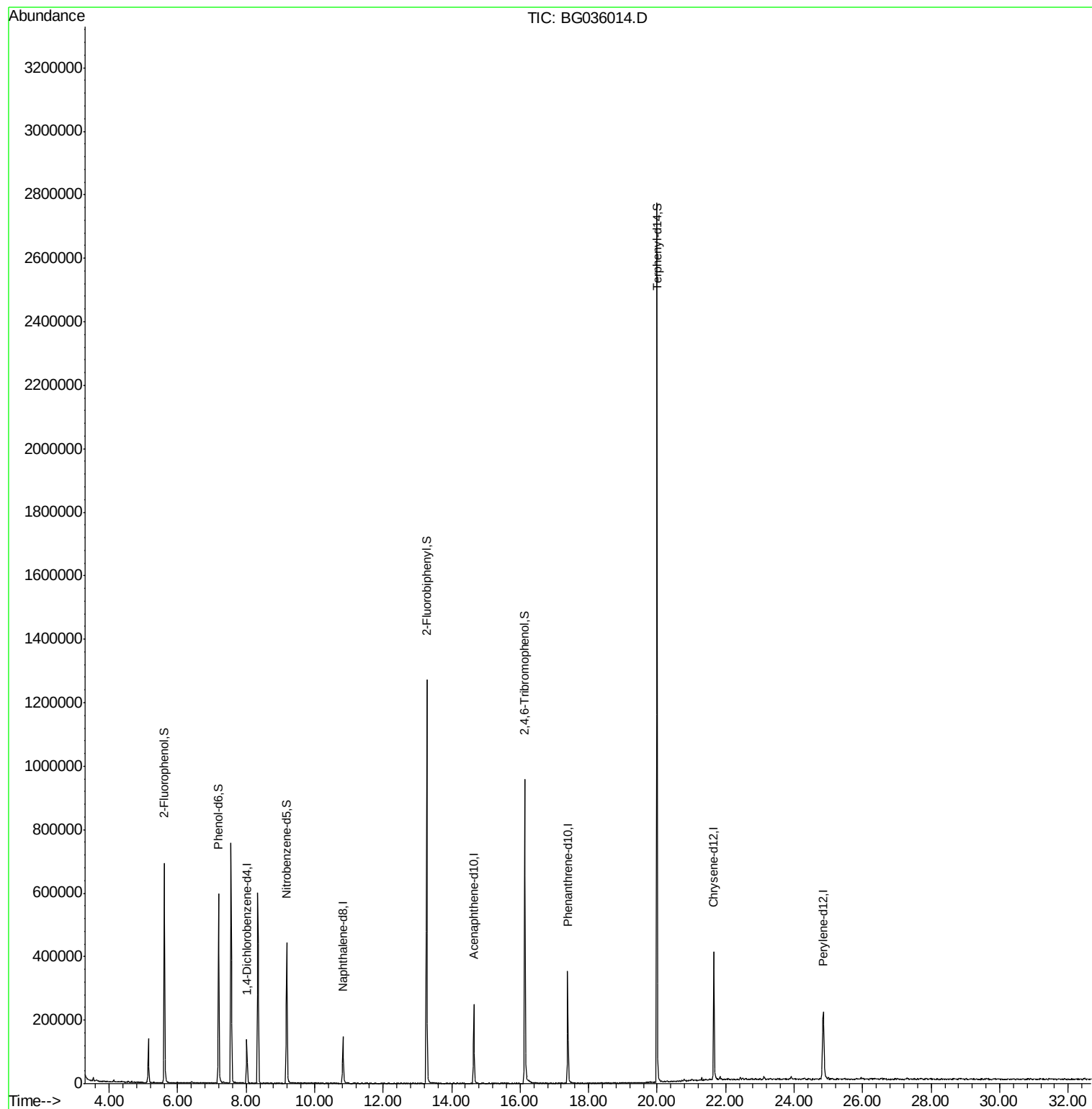
Target Compounds Qvalue

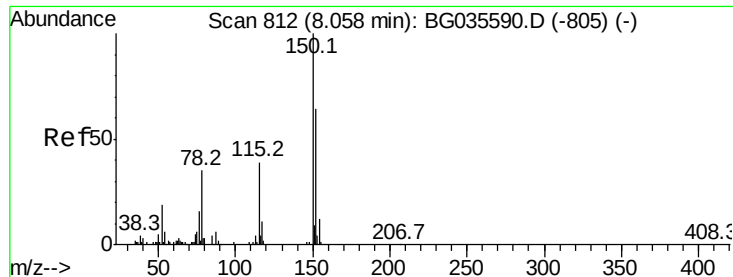
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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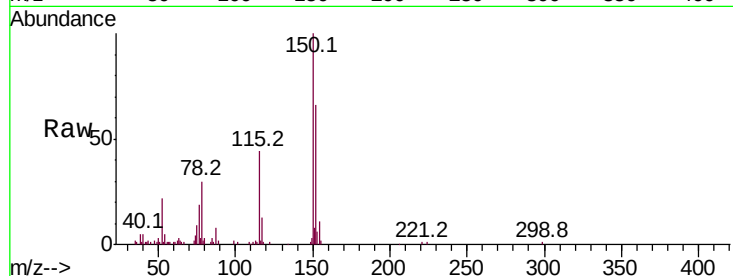


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BG036014.D
 Acq: 31 Jul 2018 23:20

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	66.1	53.0	79.4

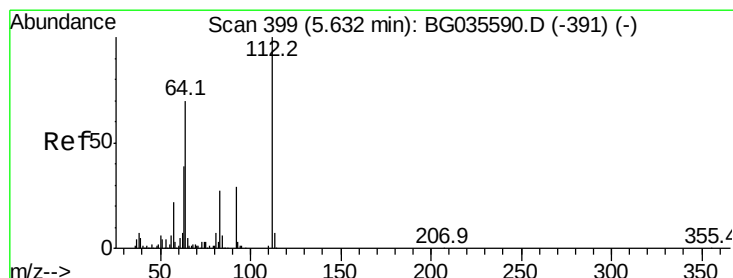
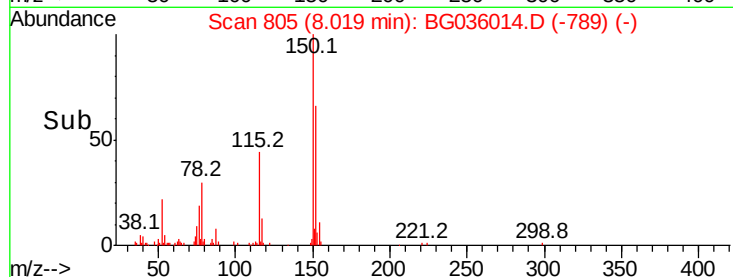
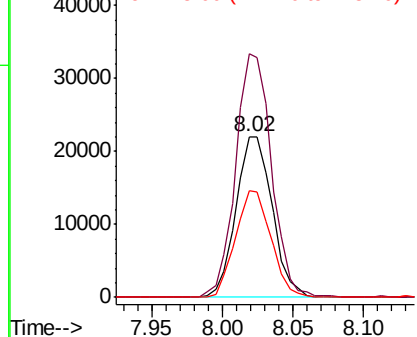


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

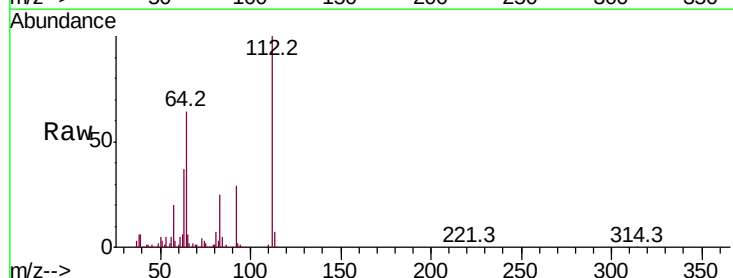
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 126.279 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.01 min
 Lab File: BG036014.D
 Acq: 31 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	56.3	84.5
63	37.2	30.1	45.1

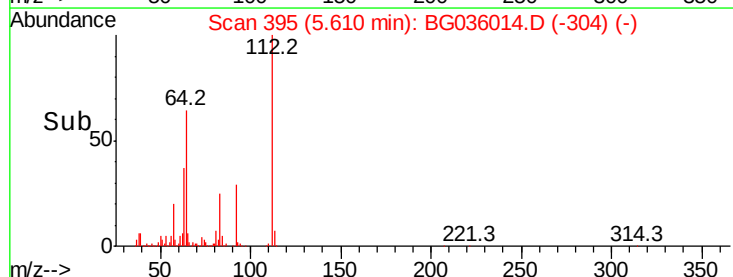
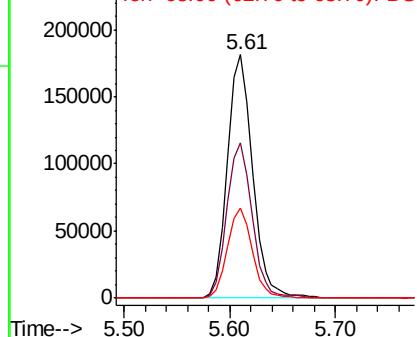


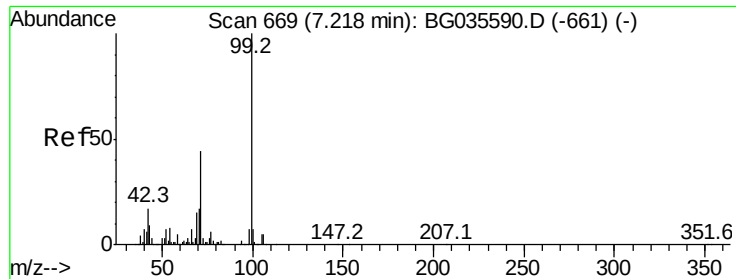
Abundance

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: 105.286 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-D

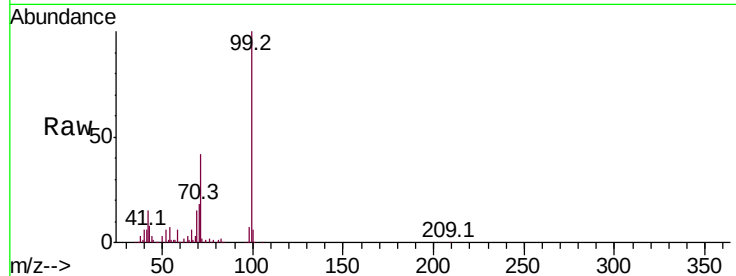
Tot Ion: 99 Resp: 373139

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

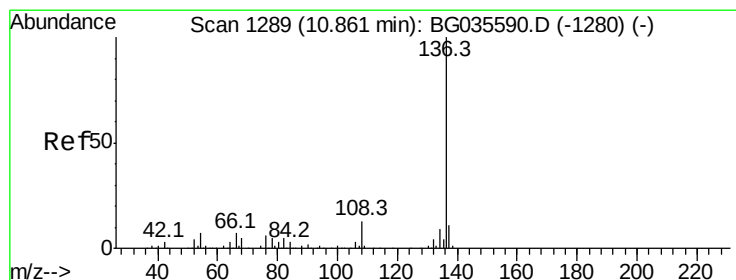
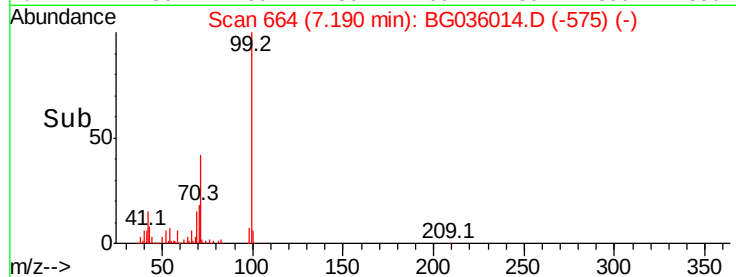
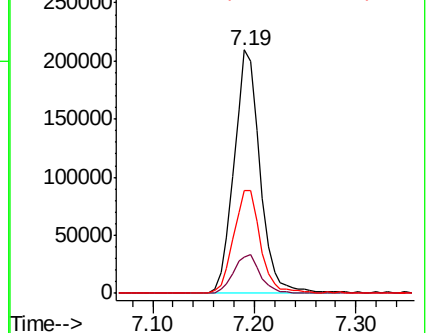
71 42.2 26.1 39.1#



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: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Tgt Ion: 136 Resp: 136136

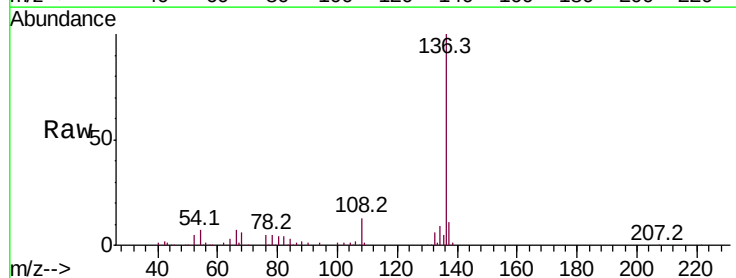
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 6.6 10.3 15.5#

68 6.2 4.5 6.7

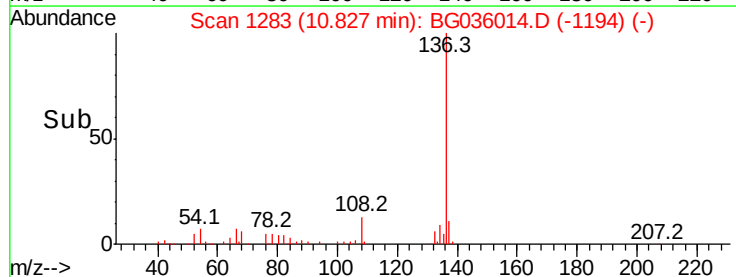
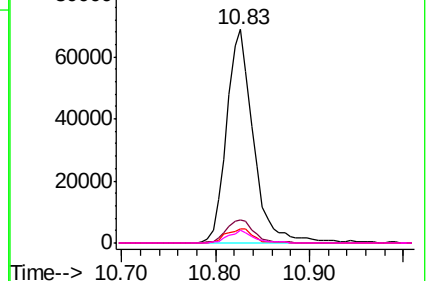


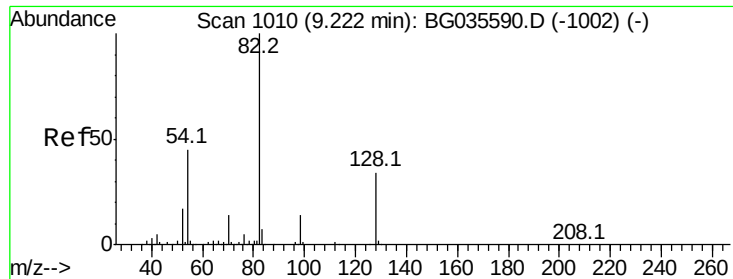
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 95.112 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-D

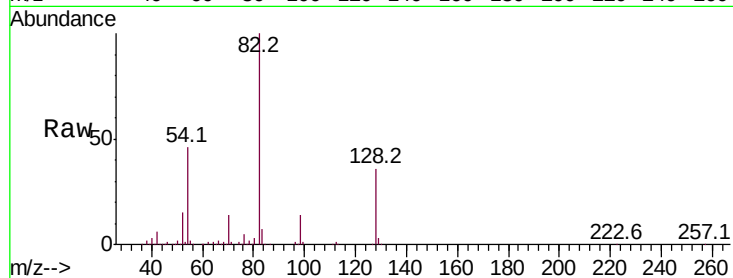
Tot Ion: 82 Resp: 309953

Ion Ratio Lower Upper

82 100

128 36.2 29.7 44.5

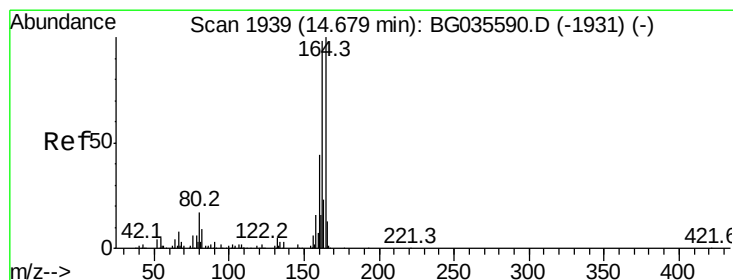
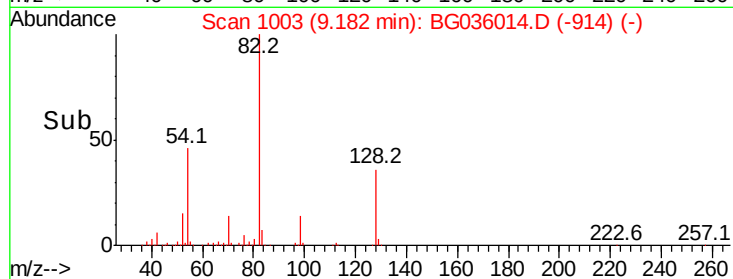
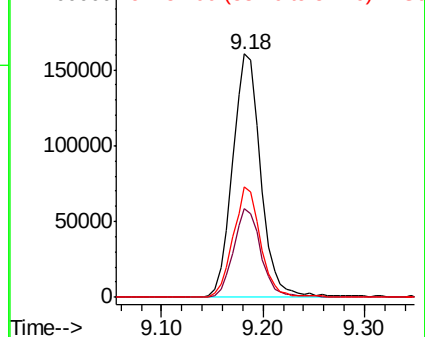
54 45.6 43.1 64.7



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: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

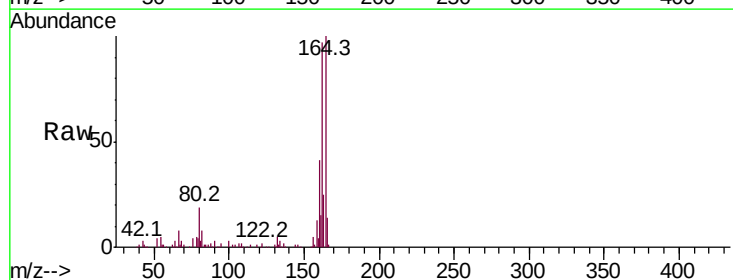
Tgt Ion:164 Resp: 95154

Ion Ratio Lower Upper

164 100

162 97.2 78.8 118.2

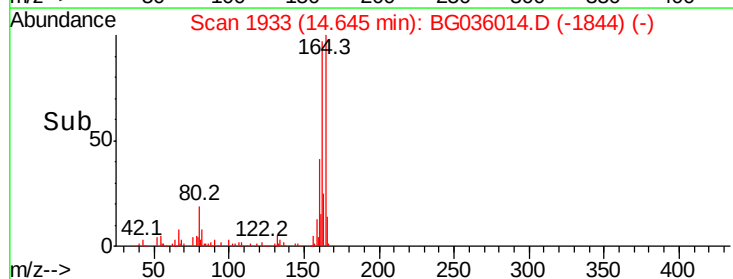
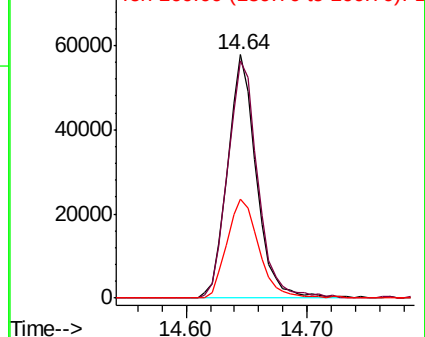
160 40.9 35.4 53.0

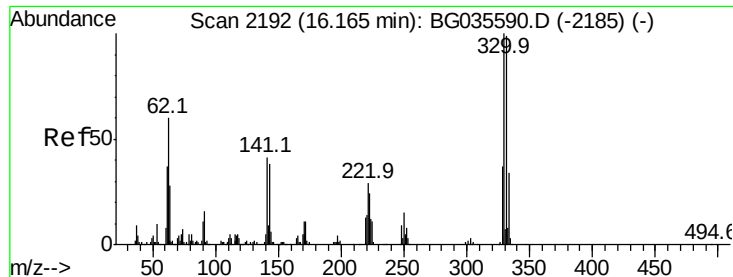


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

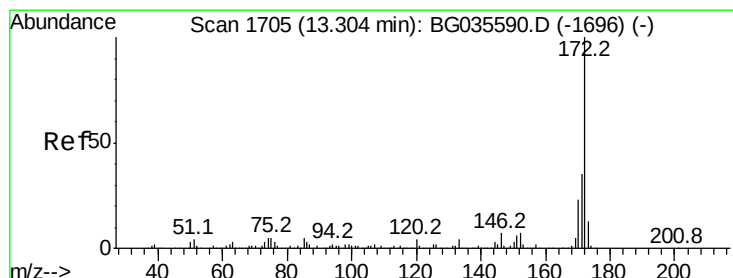
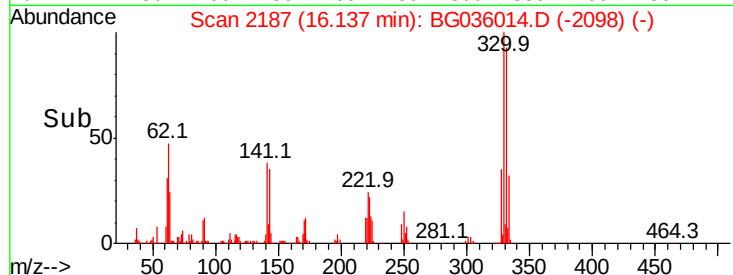
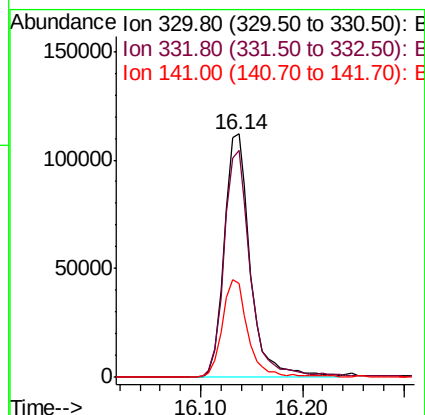
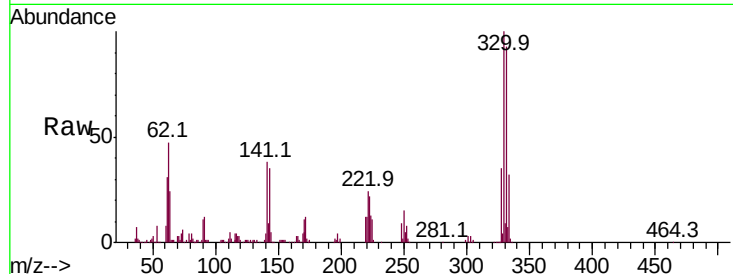




#41
 2,4,6-Tribromophenol
 Concen: 159.539 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036014.D
 Acq: 31 Jul 2018 23:20

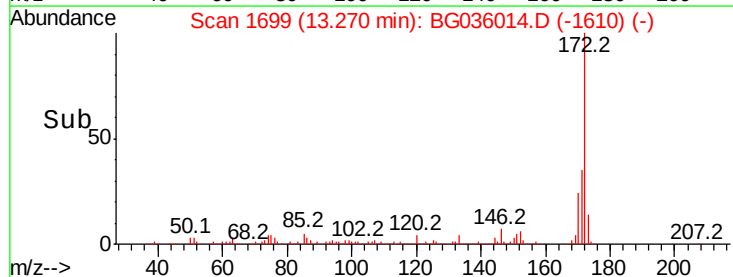
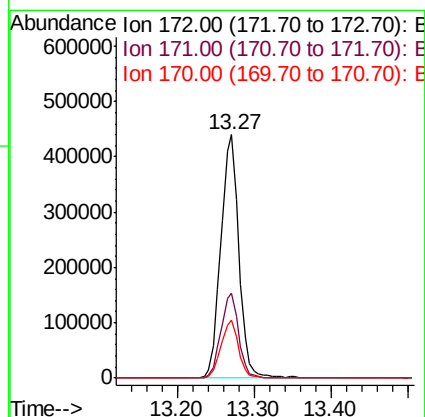
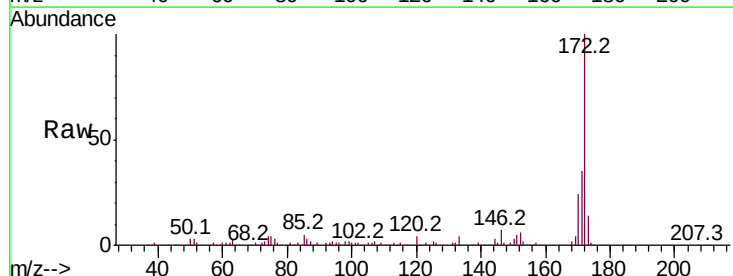
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-073018-D

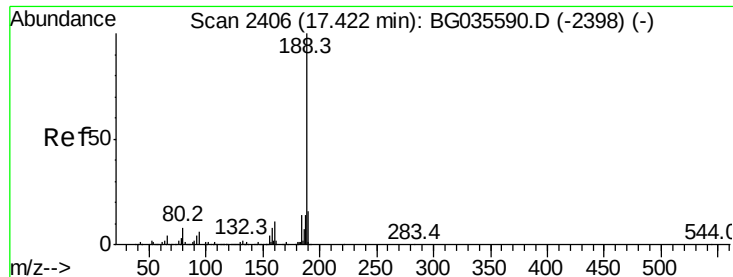
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	38.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 100.441 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036014.D
 Acq: 31 Jul 2018 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

Instrument :

BNA_G

ClientSampleId :

CL-01-073018-D

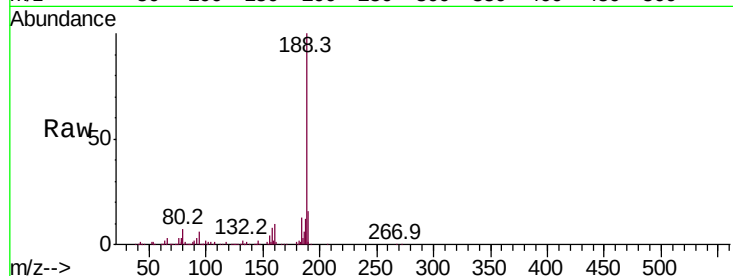
Tot Ion:188 Resp: 261837

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

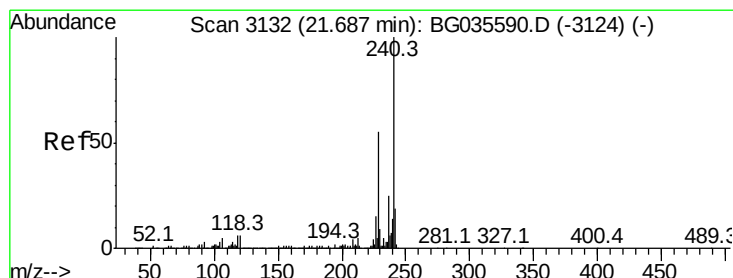
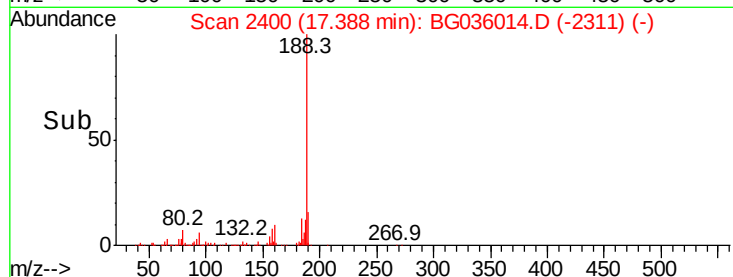
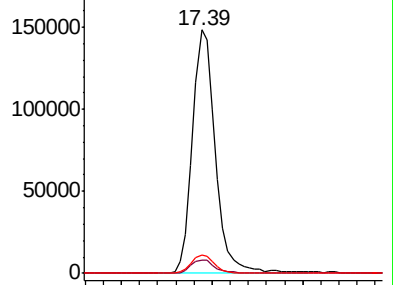
80 7.3 7.7 11.5#



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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036014.D

Acq: 31 Jul 2018 23:20

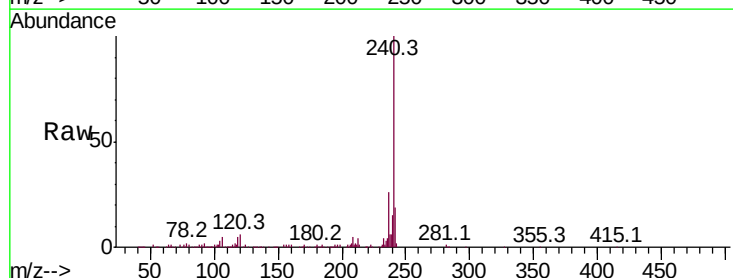
Tgt Ion:240 Resp: 283269

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

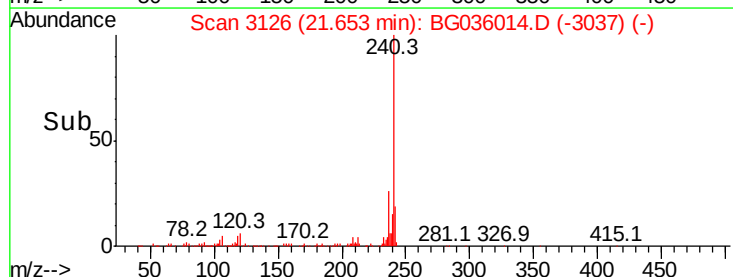
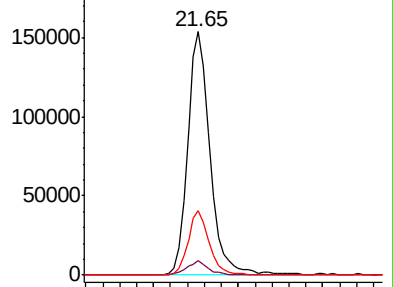
236 26.3 20.9 31.3

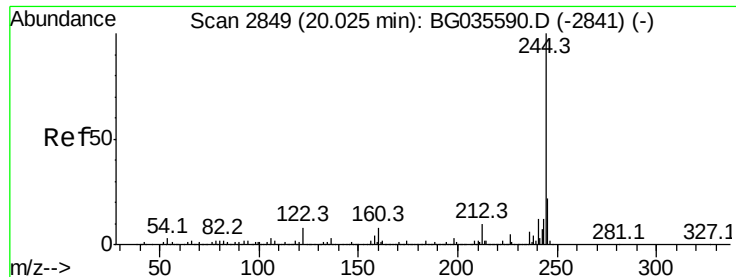


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



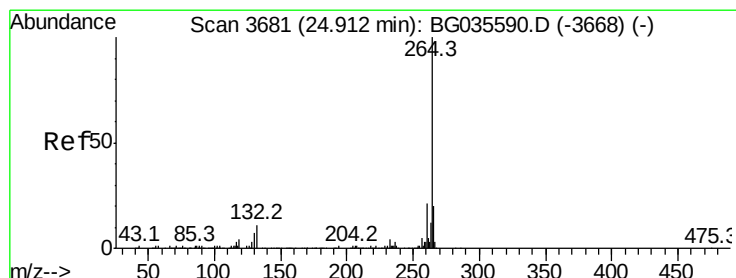
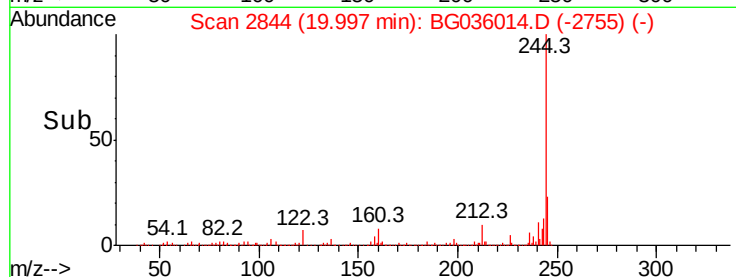
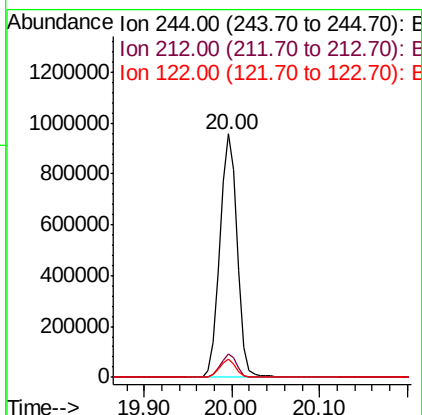
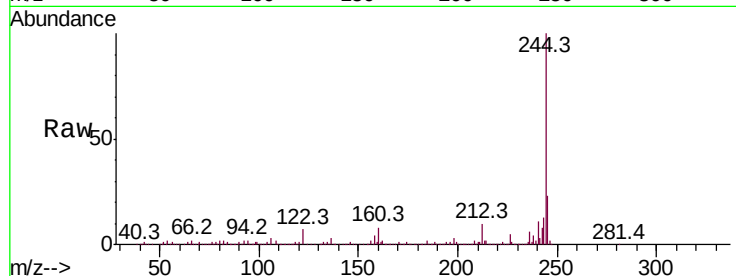


#78
 Terphenyl-d14
 Concen: 102.918 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036014.D
 Acq: 31 Jul 2018 23:20

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

Tot Ion:244 Resp: 1322578

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.3	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036014.D
 Acq: 31 Jul 2018 23:20

Tgt Ion:264 Resp: 263112

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.3	17.7	26.5

