

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036072.D
 Acq On : 3 Aug 2018 00:01
 Operator : JU/SJ
 Sample : J4251-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-4-0718

Quant Time: Aug 03 01:41:57 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	30870	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	108153	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	79558	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	232139	20.00	ng	0.00
75) Chrysene-d12	21.66	240	264100	20.00	ng	0.00
86) Perylene-d12	24.85	264	239583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	253452	136.31	ng	0.00
7) Phenol-d6	7.19	99	323296	116.54	ng	0.00
23) Nitrobenzene-d5	9.18	82	269247	104.00	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	178522	170.24	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	619813	104.38	ng	0.00
78) Terphenyl-d14	19.99	244	1305394	108.95	ng	0.00

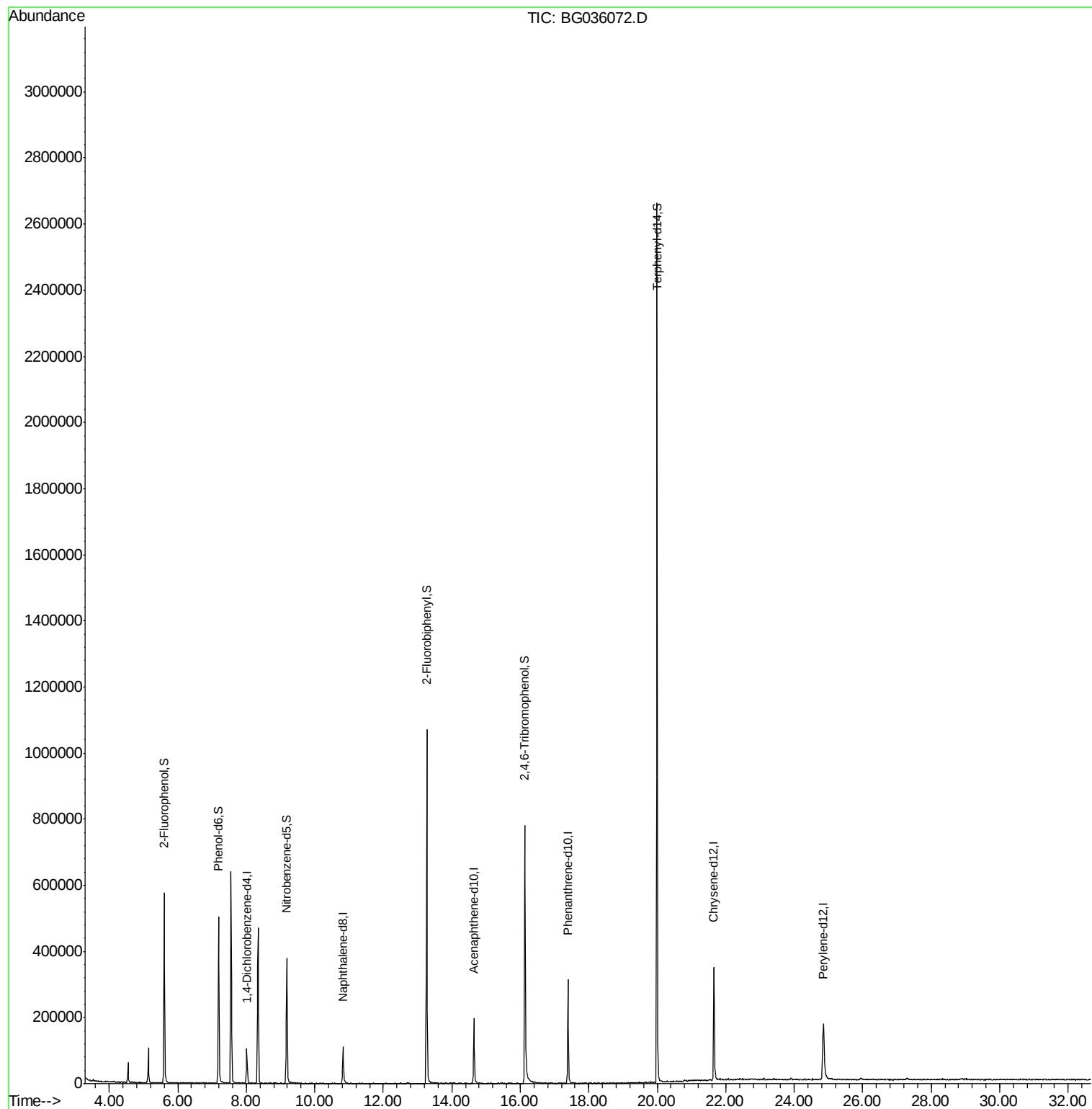
Target Compounds Qvalue

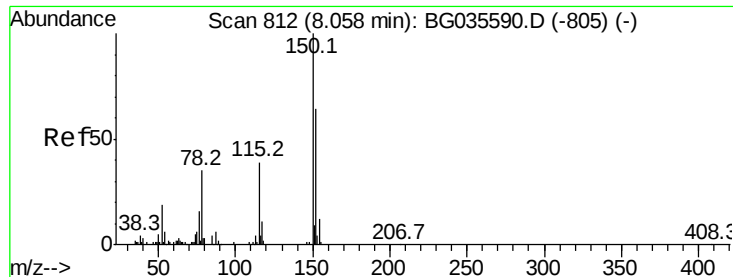
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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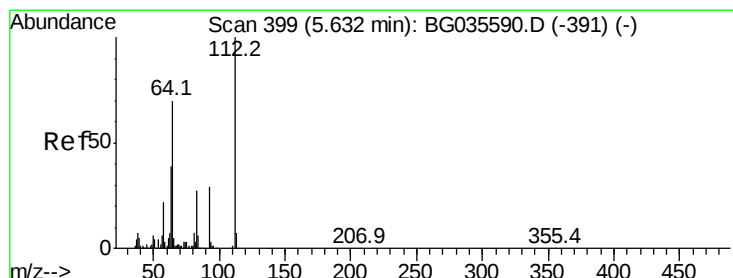
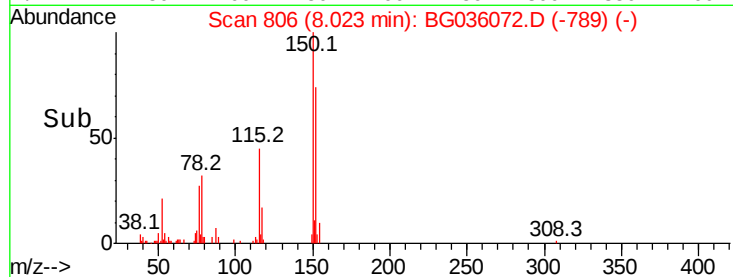
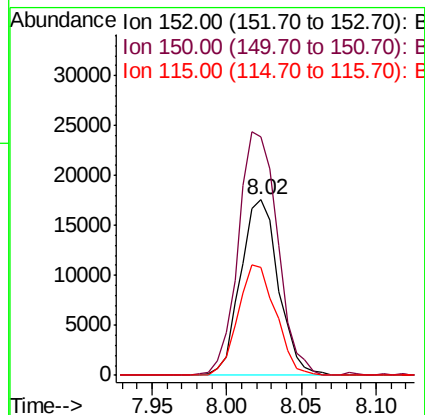
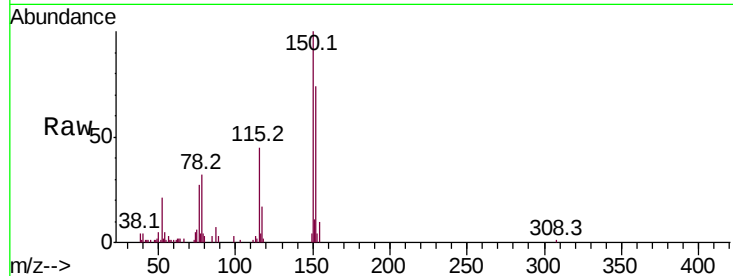


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036072.D
Acq: 3 Aug 2018 00:01

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-4-0718

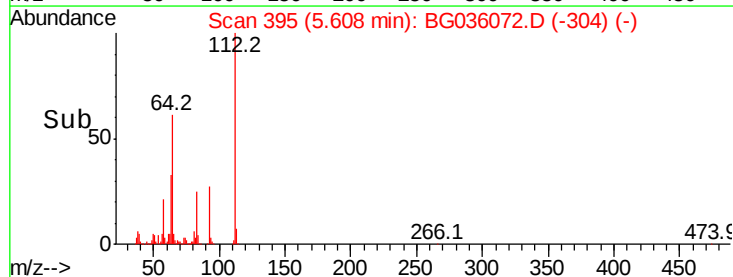
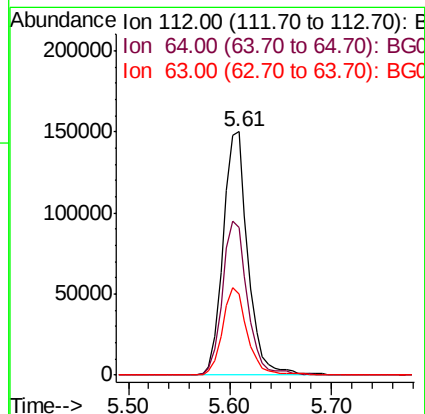
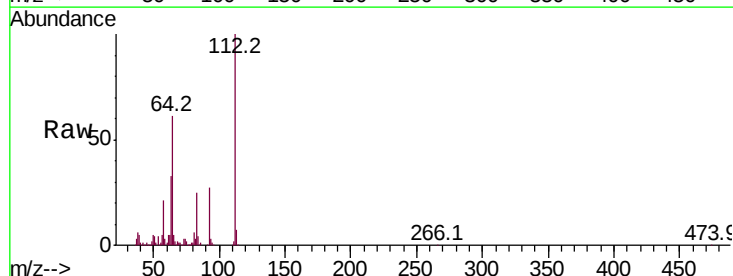
Tot Ion:152 Resp: 30870
Ion Ratio Lower Upper
152 100
150 135.8 126.6 189.8
115 61.5 53.0 79.4

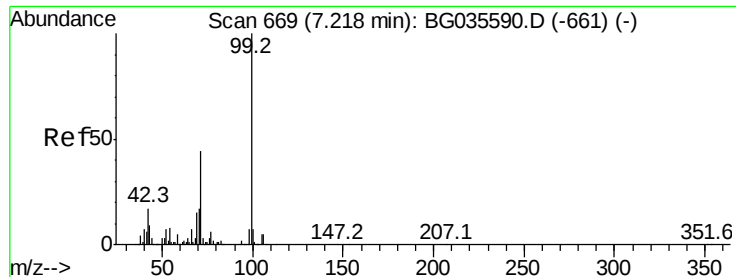


#5

2-Fluorophenol
Concen: 136.310 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036072.D
Acq: 3 Aug 2018 00:01

Tgt Ion:112 Resp: 253452
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 33.2 30.1 45.1





#7

Phenol-d6

Concen: 116.538 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-4-0718

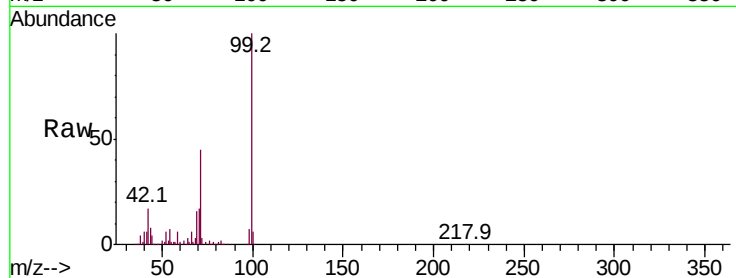
Tot Ion: 99 Resp: 323296

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

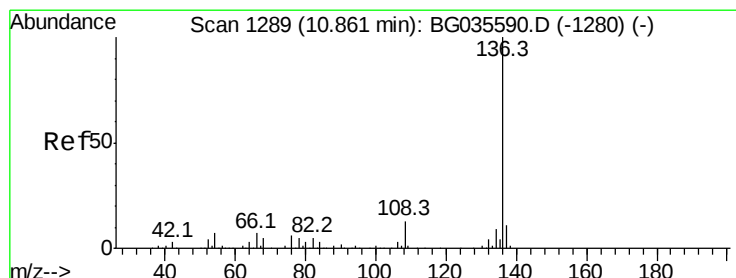
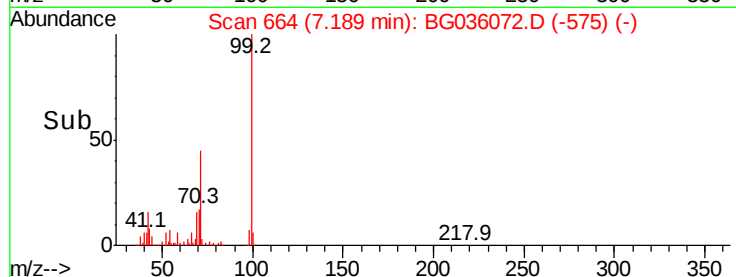
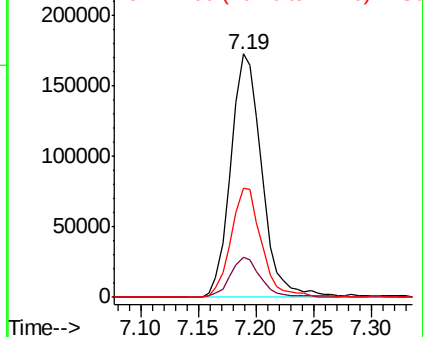
71 44.7 26.1 39.1#



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: BG036072.D

Acq: 3 Aug 2018 00:01

Tgt Ion:136 Resp: 108153

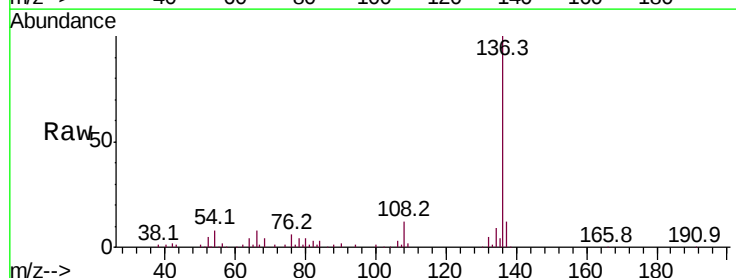
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 7.9 10.3 15.5#

68 4.3 4.5 6.7#

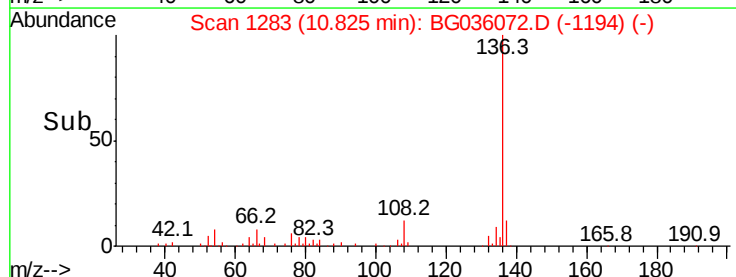
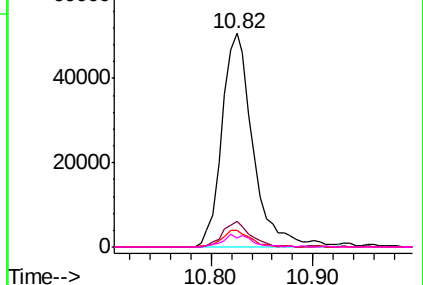


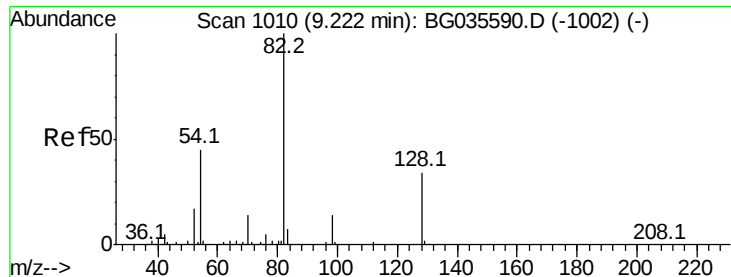
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

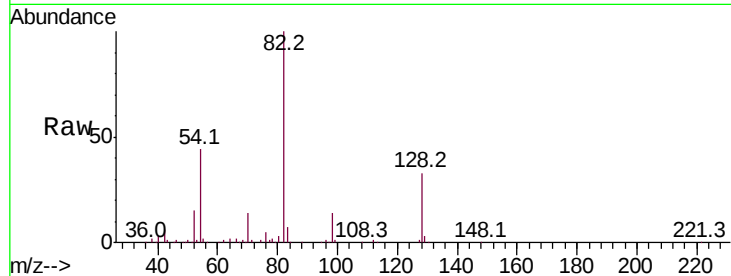




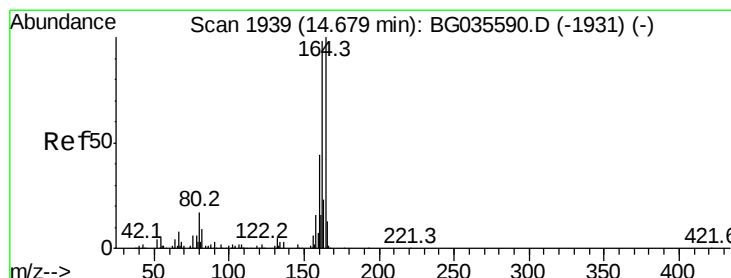
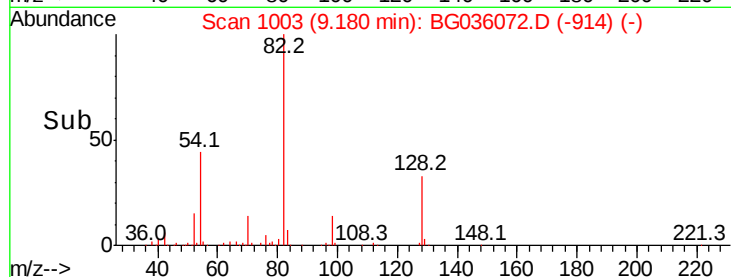
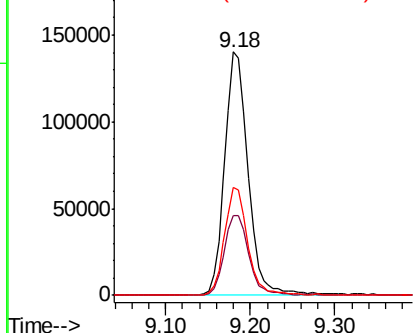
#23
 Nitrobenzene-d5
 Concen: 103.998 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-4-0718

Tot Ion	82	Resp	269247
Ion Ratio	Lower	Upper	
82	100		
128	32.7	29.7	44.5
54	44.4	43.1	64.7

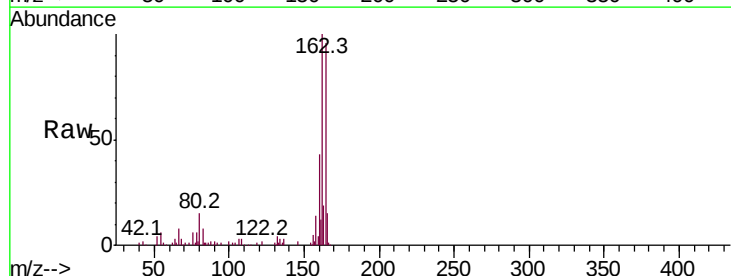


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

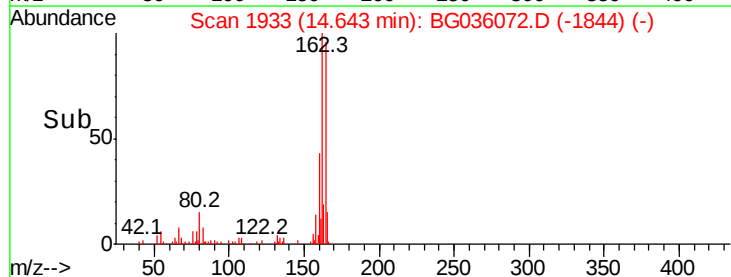
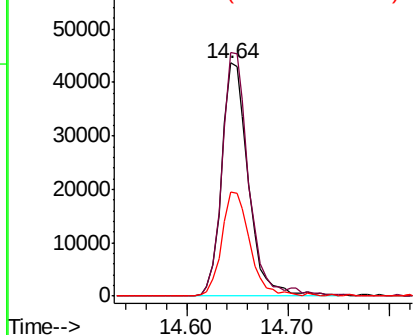


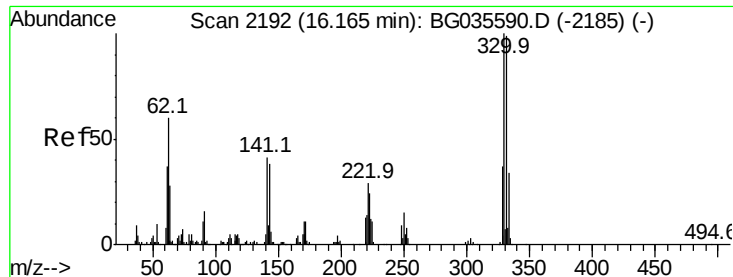
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

Tgt Ion	164	Resp	79558
Ion Ratio	Lower	Upper	
164	100		
162	104.5	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

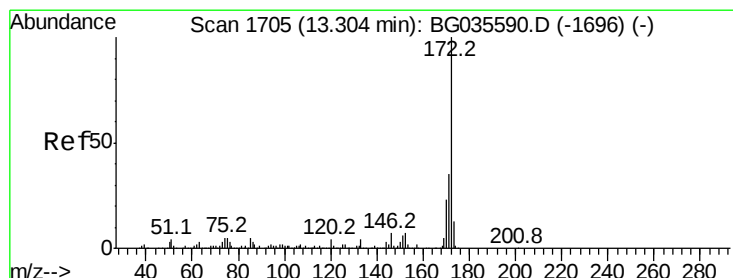
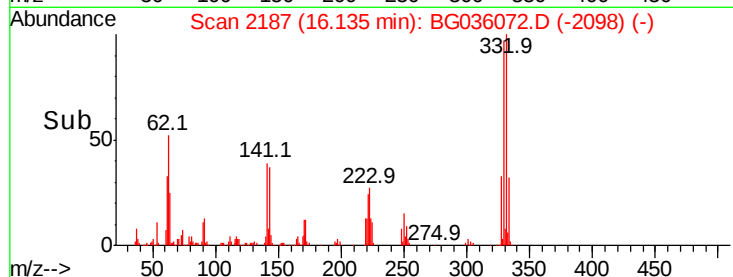
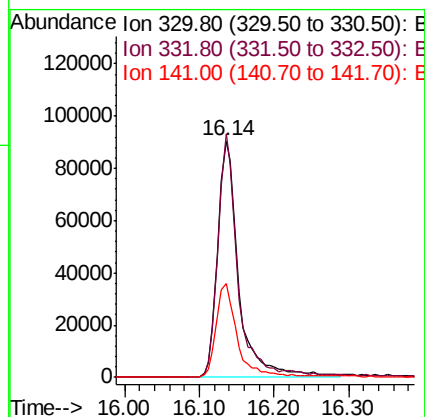
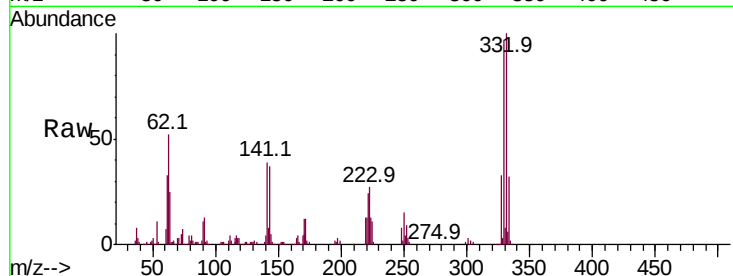




#41
 2,4,6-Tribromophenol
 Concen: 170.244 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

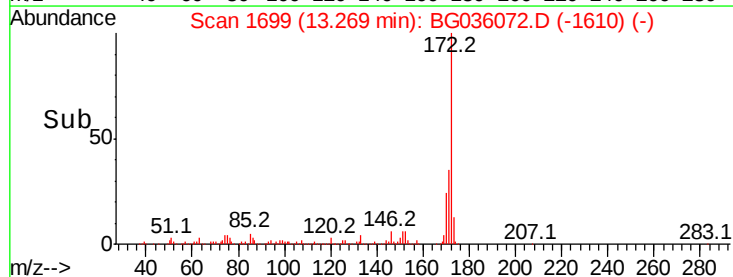
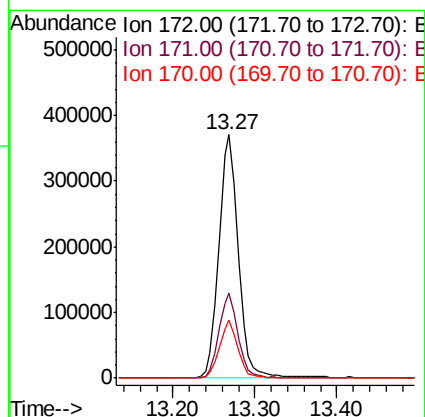
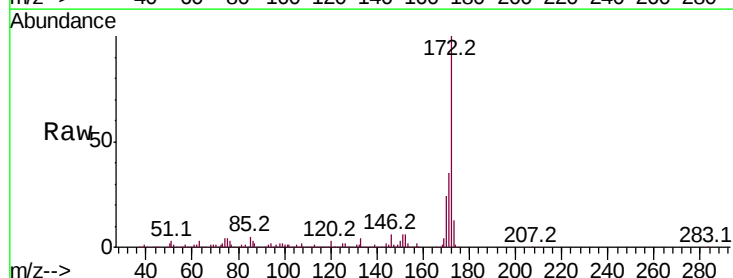
Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-11-4-0718

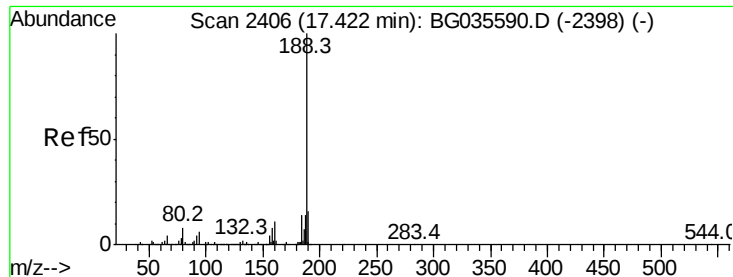
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	38.4	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 104.375 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036072.D
 Acq: 3 Aug 2018 00:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.7	19.5	29.3

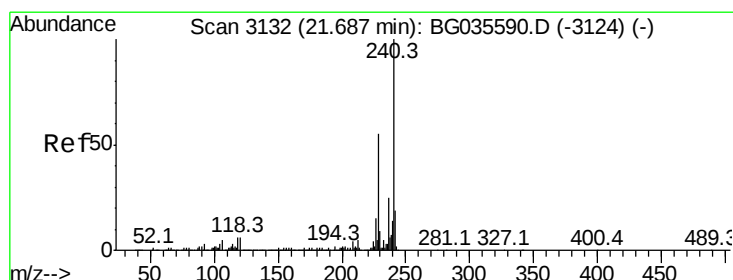
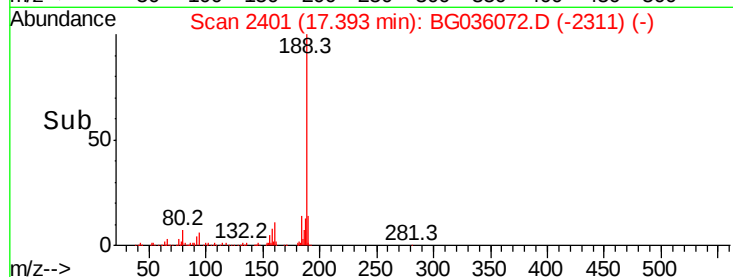
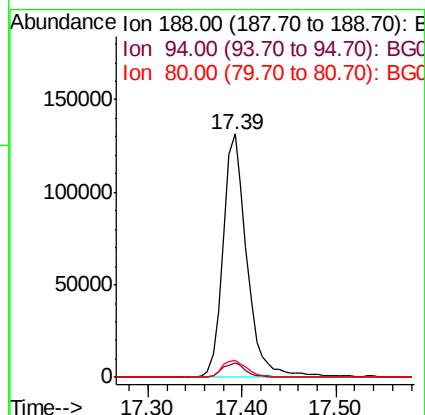
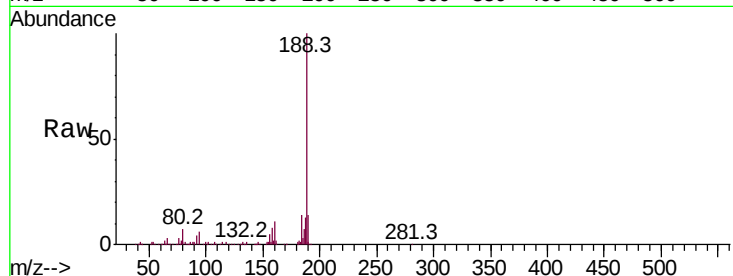




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036072.D
Acq: 3 Aug 2018 00:01

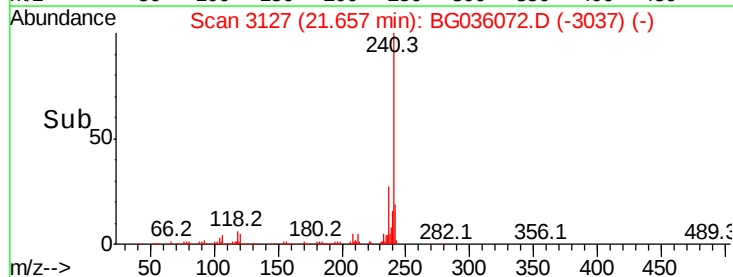
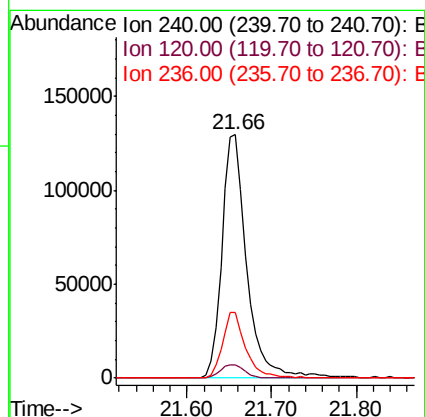
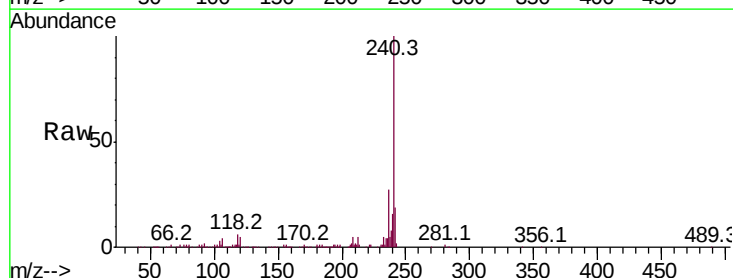
Instrument :
BNA_G
ClientSampleId :
CB-TCLP-11-4-0718

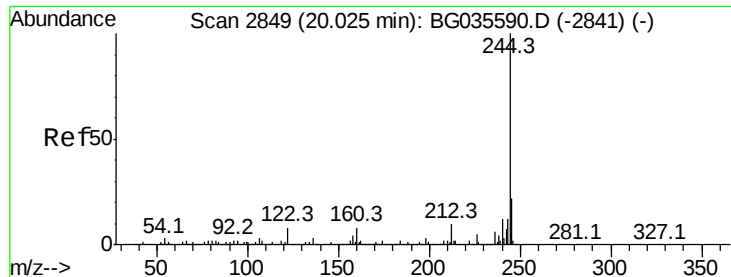
Tot Ion:188 Resp: 232139
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG036072.D
Acq: 3 Aug 2018 00:01

Tgt Ion:240 Resp: 264100
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 108.954 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-11-4-0718

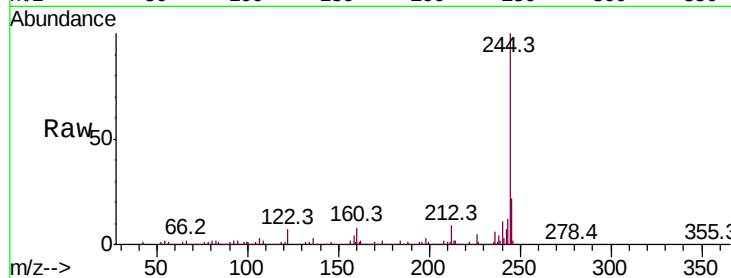
Tot Ion:244 Resp: 1305394

Ion Ratio Lower Upper

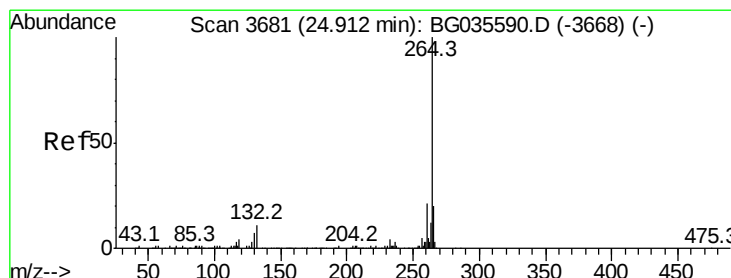
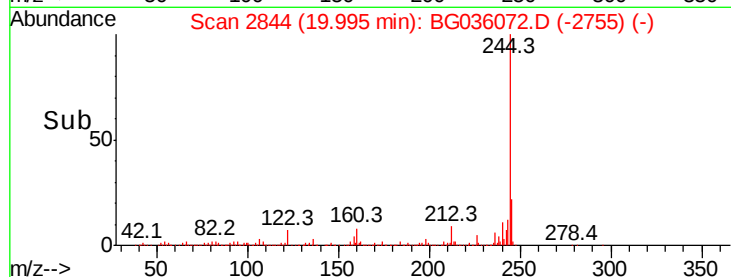
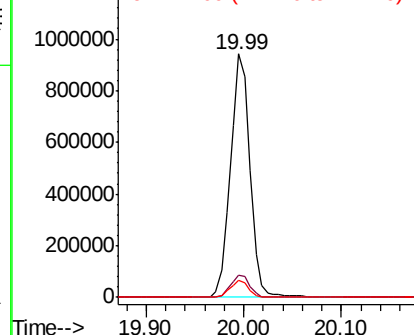
244 100

212 9.4 5.8 8.8#

122 6.9 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# 3671

Delta R.T. -0.01 min

Lab File: BG036072.D

Acq: 3 Aug 2018 00:01

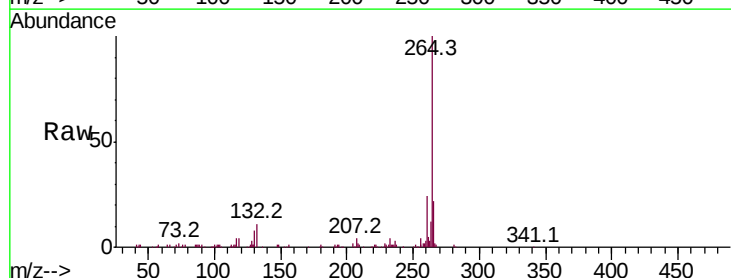
Tgt Ion:264 Resp: 239583

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.3 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

