

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036132.D
 Acq On : 6 Aug 2018 18:07
 Operator : JU/SJ
 Sample : J4313-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-8

Quant Time: Aug 07 01:15:24 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	8.01	152	30930	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	101148	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	71277	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	213631	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	246289	20.00	ng	-0.02
86) Perylene-d12	24.83	264	125232	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235518	126.42	ng	0.00
7) Phenol-d6	7.18	99	296441	106.65	ng	-0.01
23) Nitrobenzene-d5	9.17	82	258902	106.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	184074	195.93	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	548846	103.16	ng	-0.02
78) Terphenyl-d14	19.99	244	1261723	112.92	ng	-0.01

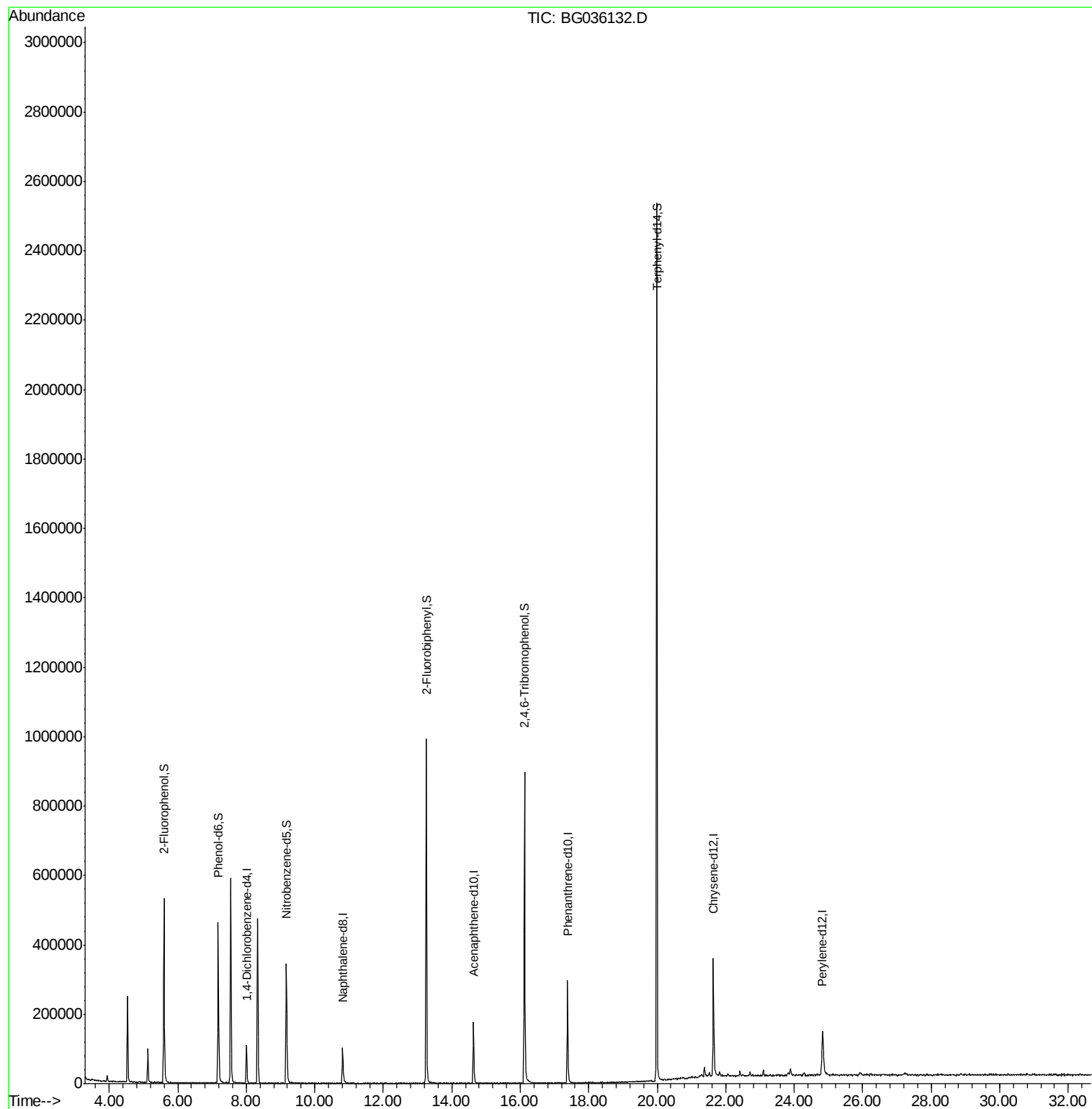
Target Compounds Qvalue

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

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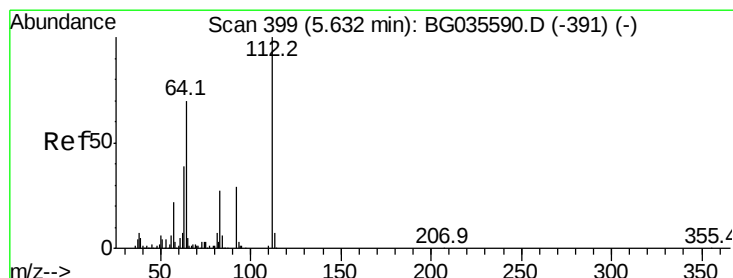
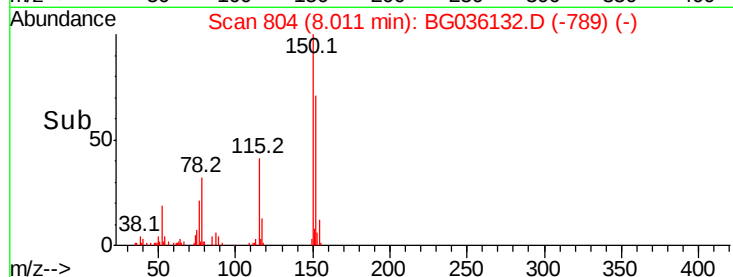
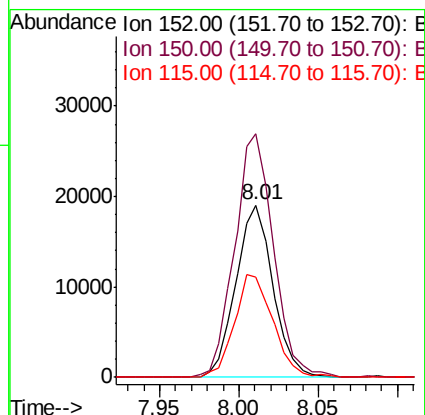
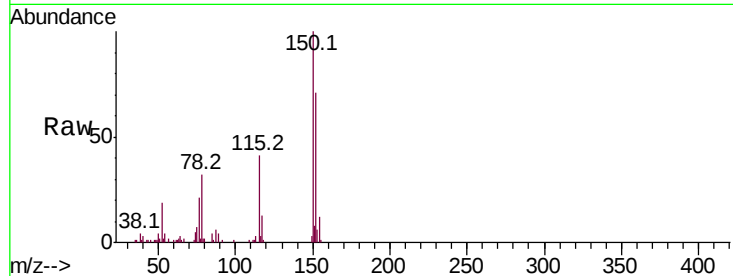


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036132.D
Acq: 6 Aug 2018 18:07

Instrument :
BNA_G
ClientSampleId :
C-8

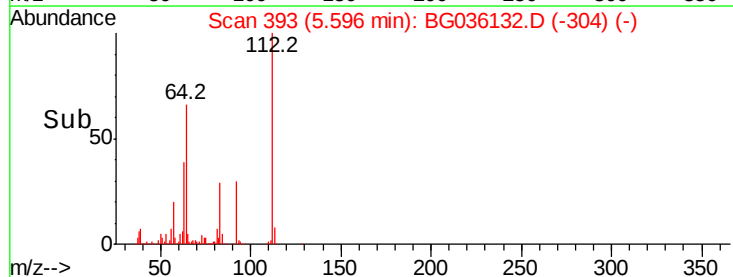
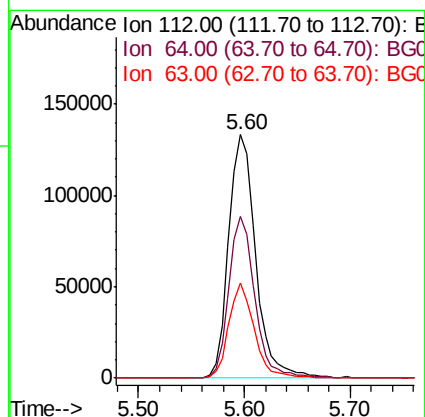
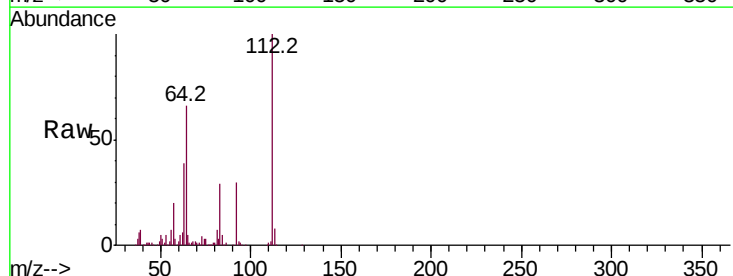
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	126.6	189.8
115	58.0	53.0	79.4

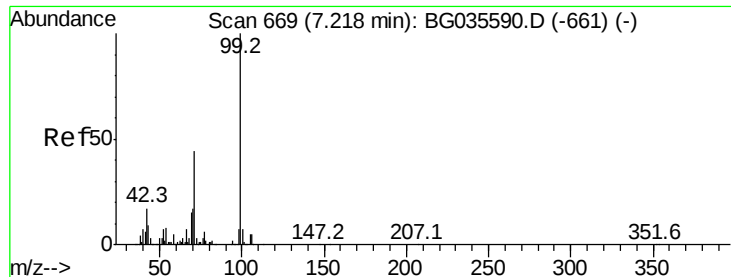


#5

2-Fluorophenol
Concen: 126.419 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036132.D
Acq: 6 Aug 2018 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	56.3	84.5
63	38.9	30.1	45.1





#7

Phenol-d6

Concen: 106.650 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

C-8

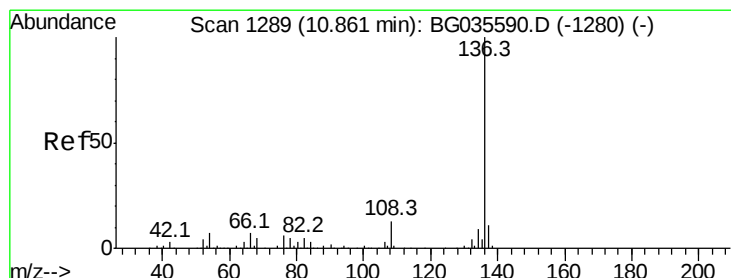
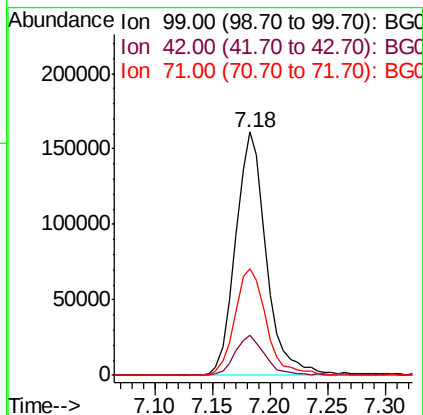
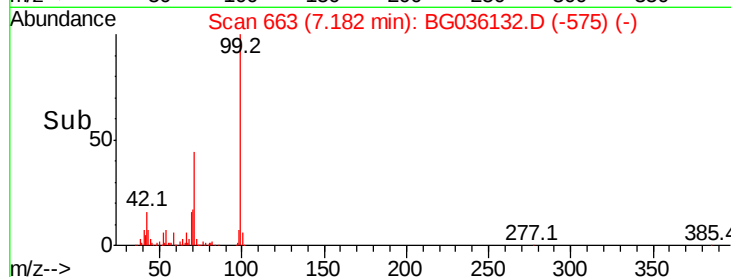
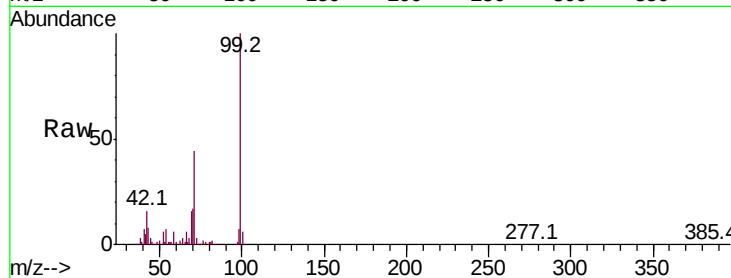
Tot Ion: 99 Resp: 296441

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 43.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Tgt Ion: 136 Resp: 101148

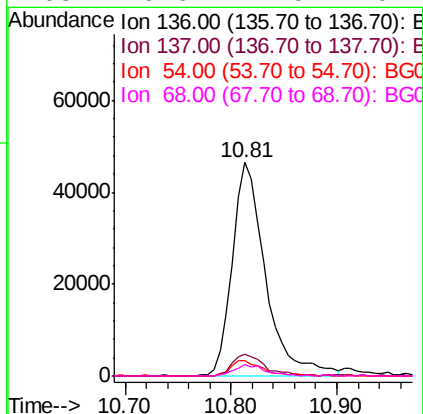
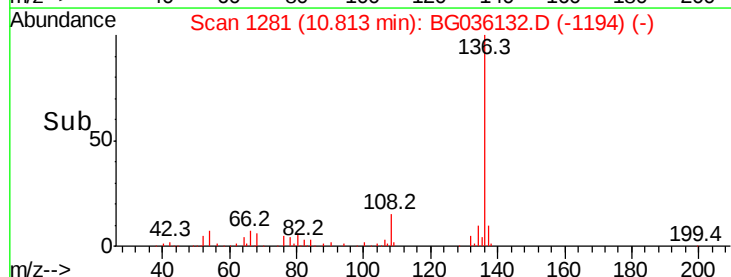
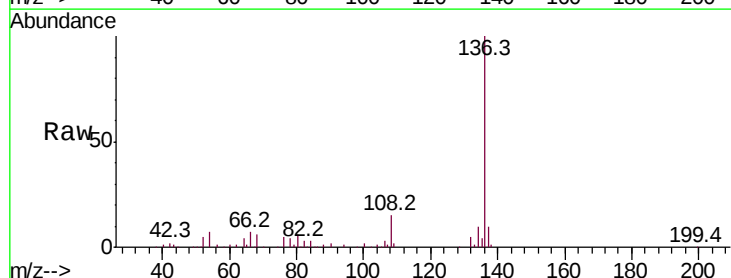
Ion Ratio Lower Upper

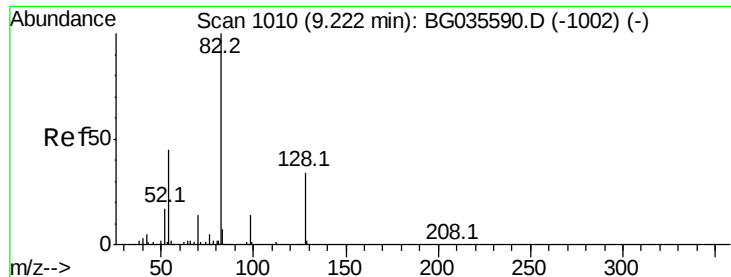
136 100

137 10.3 9.2 13.8

54 7.4 10.3 15.5#

68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 106.928 ng

RT: 9.17 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

C-8

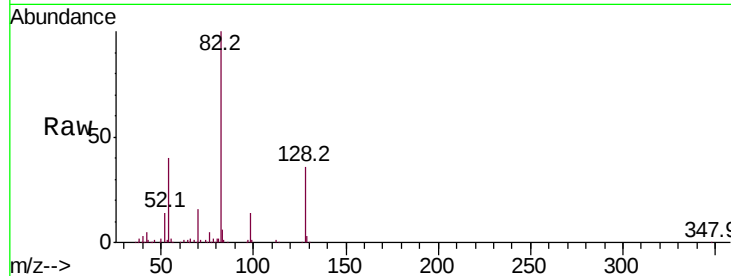
Tot Ion: 82 Resp: 258902

Ion Ratio Lower Upper

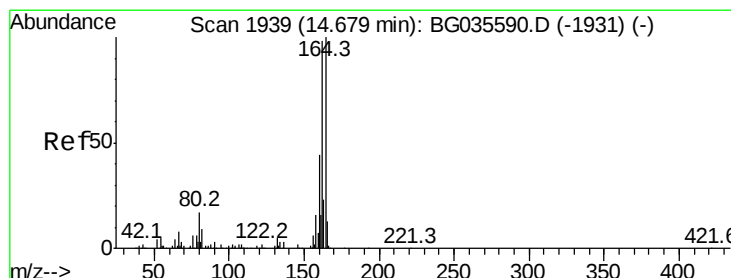
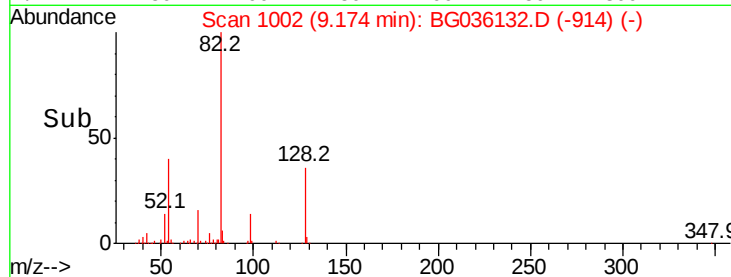
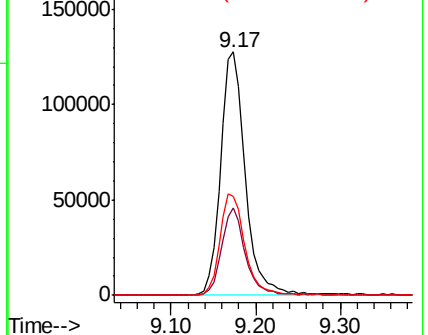
82 100

128 36.0 29.7 44.5

54 40.4 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# 1932

Delta R.T. -0.01 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

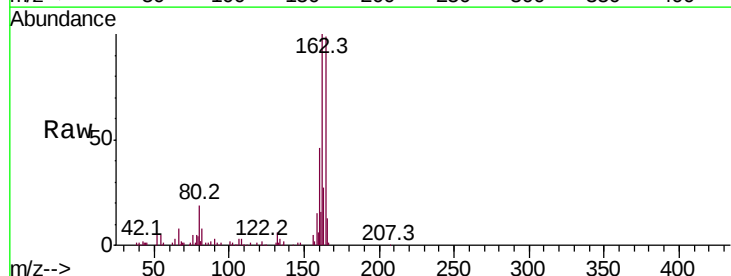
Tgt Ion: 164 Resp: 71277

Ion Ratio Lower Upper

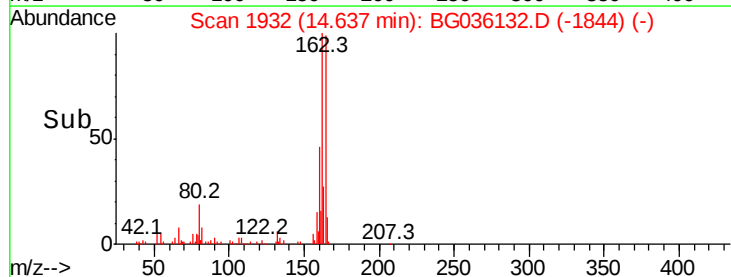
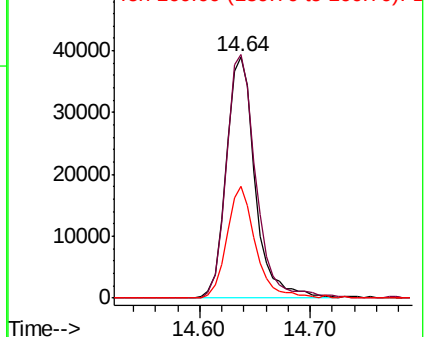
164 100

162 101.0 78.8 118.2

160 46.3 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

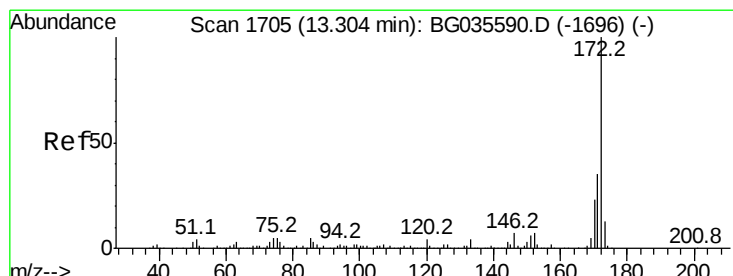
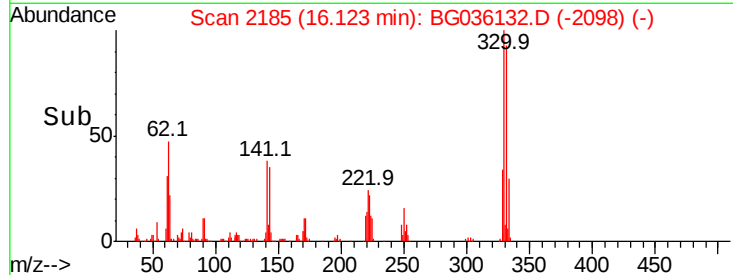
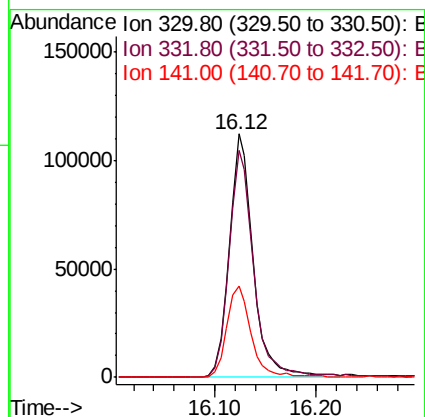
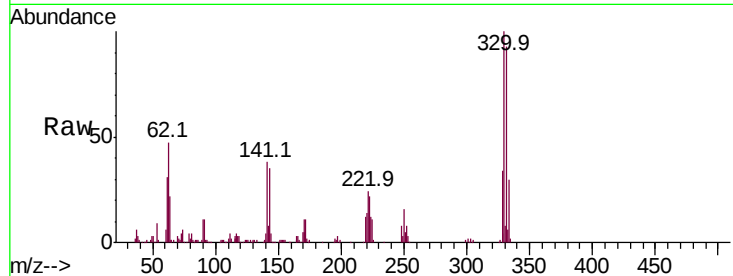




#41
 2,4,6-Tribromophenol
 Concen: 195.932 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036132.D
 Acq: 6 Aug 2018 18:07

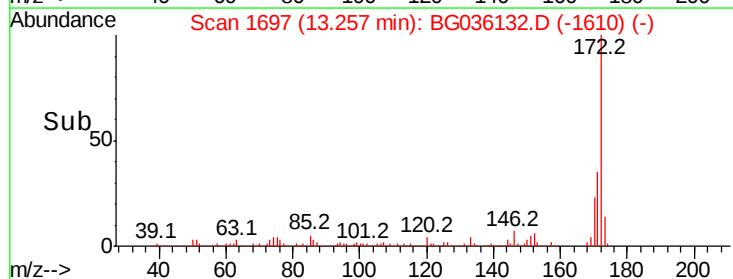
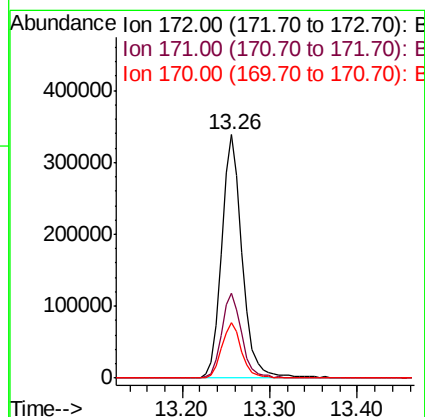
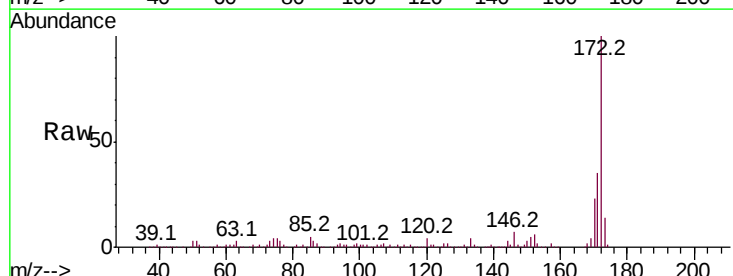
Instrument :
 BNA_G
 ClientSampled :
 C-8

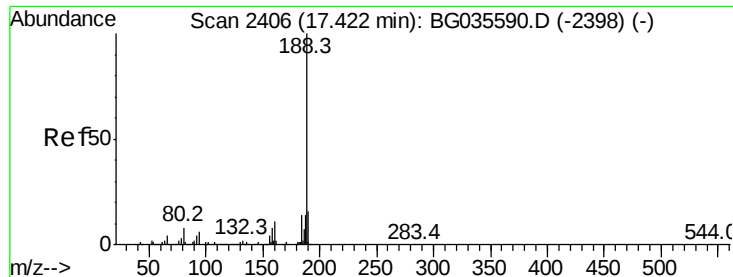
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 103.163 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036132.D
 Acq: 6 Aug 2018 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	22.8	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

Instrument :

BNA_G

ClientSampleId :

C-8

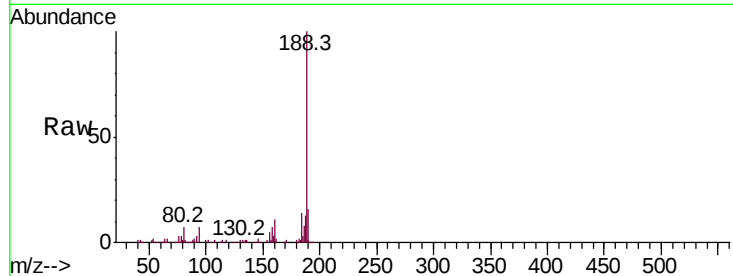
Tot Ion:188 Resp: 213631

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

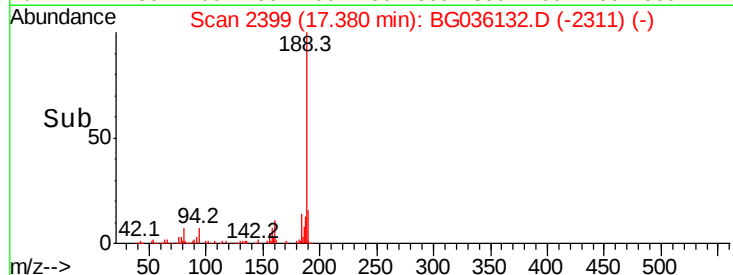
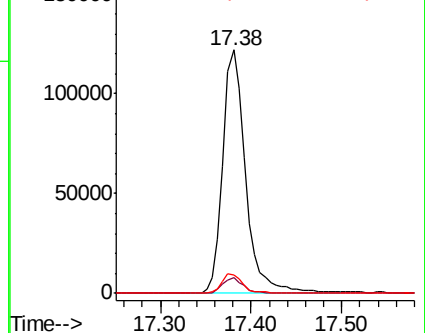
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036132.D

Acq: 6 Aug 2018 18:07

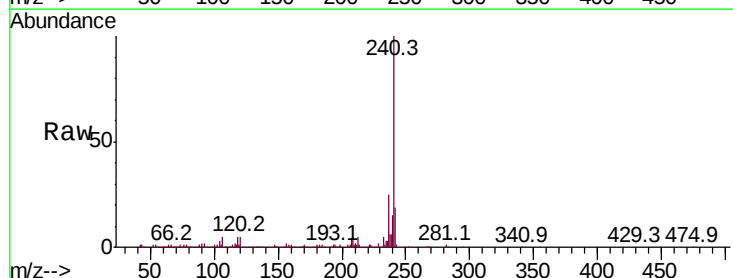
Tgt Ion:240 Resp: 246289

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

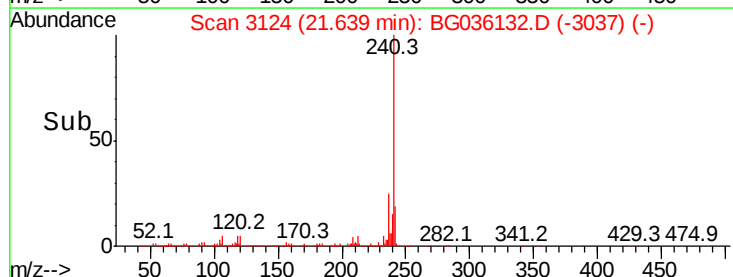
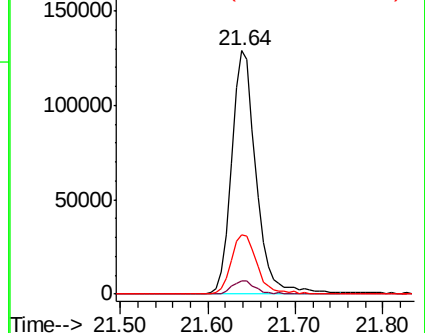
236 24.6 20.9 31.3

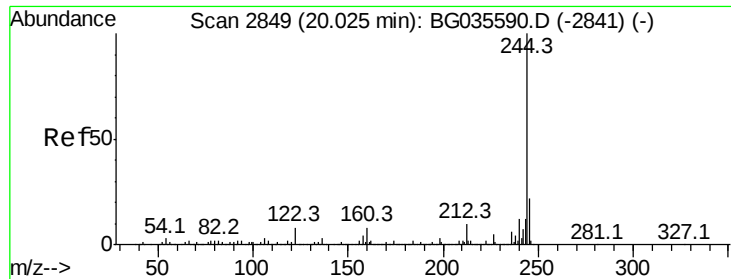


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

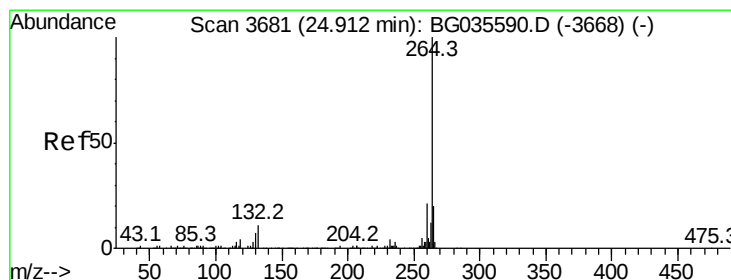
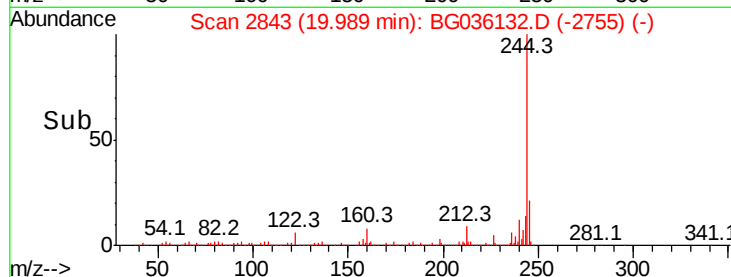
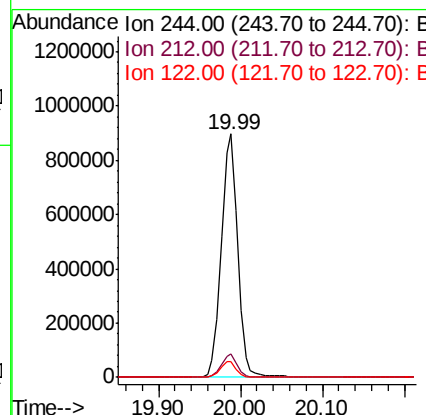
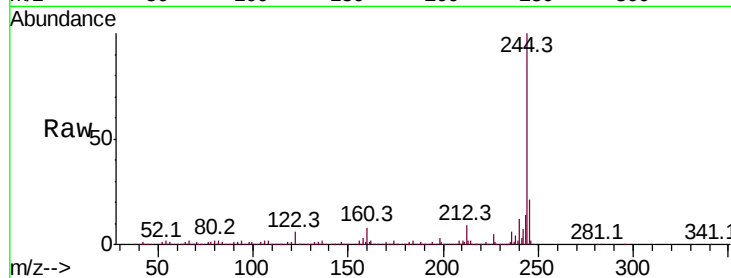




#78
 Terphenyl-d14
 Concen: 112.925 ng
 RT: 19.99 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG036132.D
 Acq: 6 Aug 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :
 C-8

Tot Ion:244 Resp: 1261723
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 6.4 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036132.D
 Acq: 6 Aug 2018 18:07

Tgt Ion:264 Resp: 125232
 Ion Ratio Lower Upper
 264 100
 260 26.8 17.4 26.0#
 265 23.4 17.7 26.5

