

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037162.D
 Acq On : 4 Oct 2018 19:28
 Operator : JU/SJ
 Sample : J5198-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-C

Quant Time: Oct 05 01:48:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40646	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	163577	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	112277	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	299773	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	310900	20.00	ng	-0.02
86) Perylene-d12	24.86	264	307727	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	254483	120.07	ng	-0.01
7) Phenol-d6	7.20	99	339303	103.47	ng	-0.02
23) Nitrobenzene-d5	9.19	82	259796	85.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	173647	129.27	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	557494	73.95	ng	-0.02
78) Terphenyl-d14	20.01	244	1089785	92.17	ng	-0.02

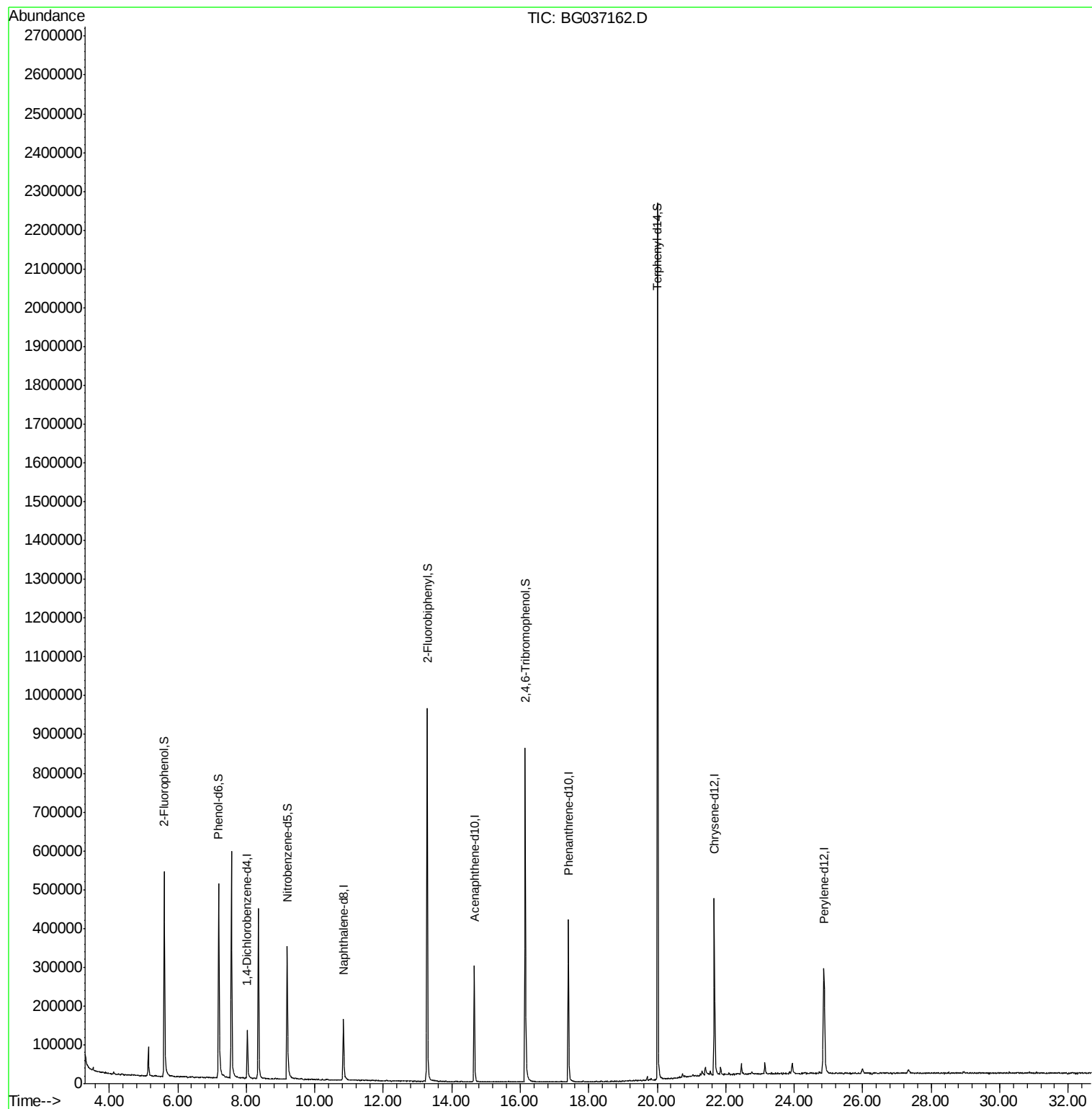
Target Compounds Qvalue

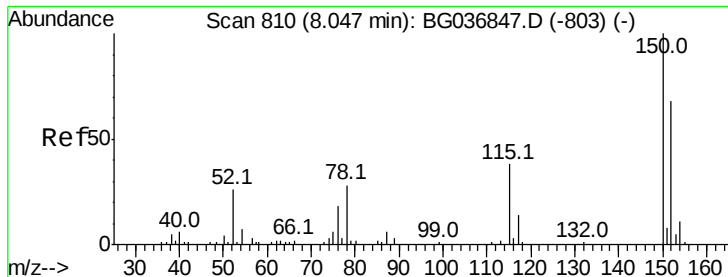
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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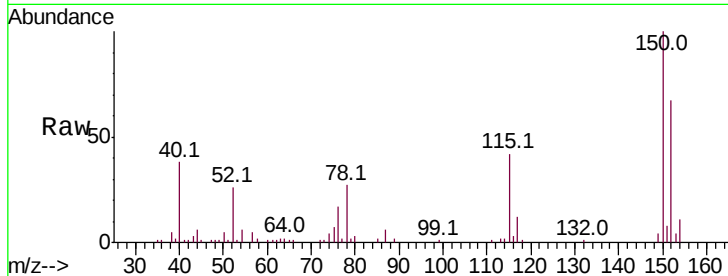


#1

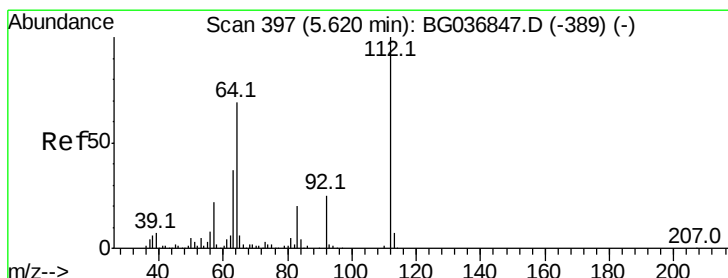
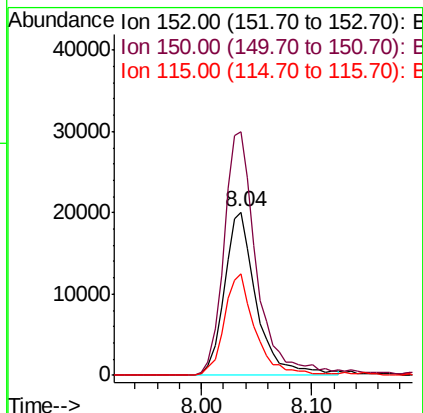
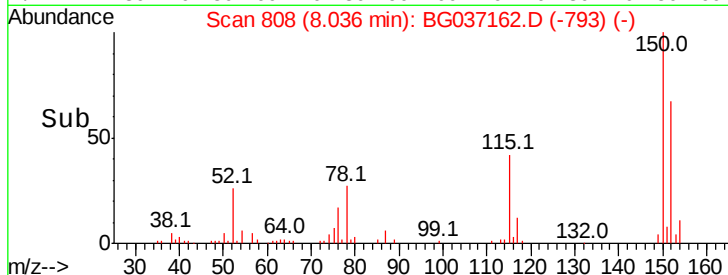
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.5	179.3
115	62.5	44.5	66.7



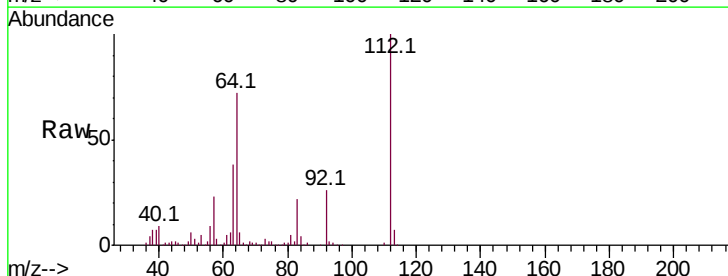
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



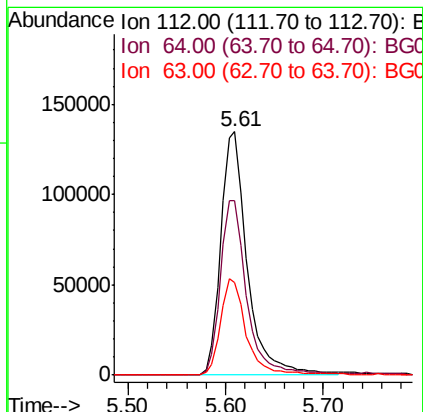
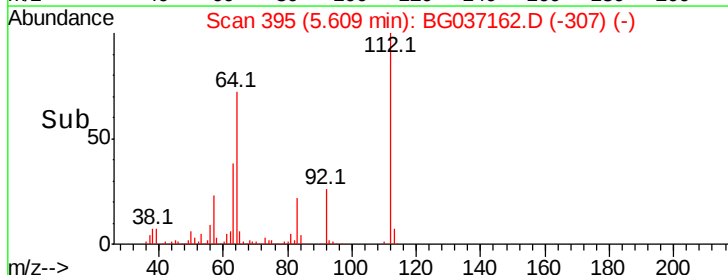
#5

2-Fluorophenol
 Concen: 120.072 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	57.2	85.8
63	38.1	30.8	46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 103.474 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037162.D

Acq: 4 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-C

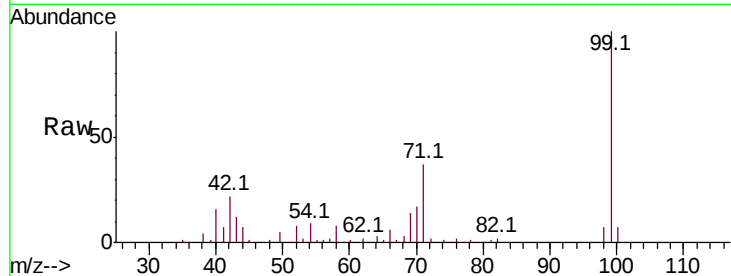
Tot Ion: 99 Resp: 339303

Ion Ratio Lower Upper

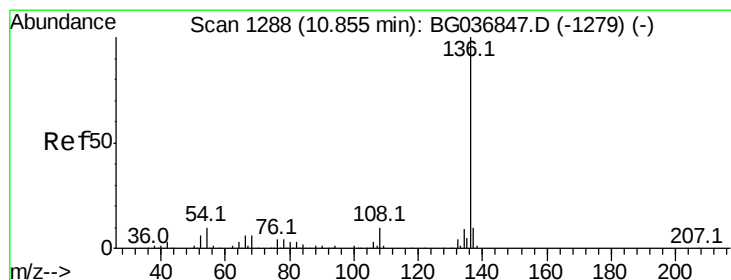
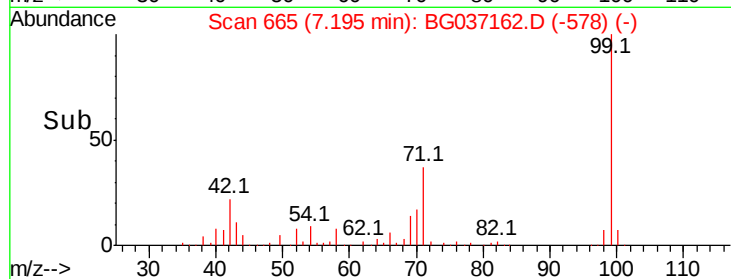
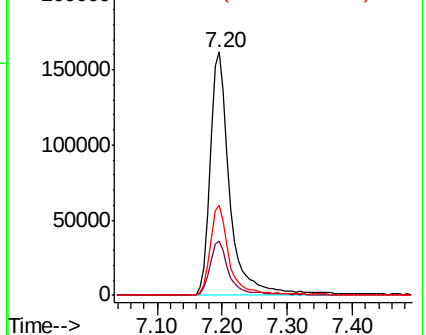
99 100

42 22.2 16.5 24.7

71 36.8 29.4 44.2



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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037162.D

Acq: 4 Oct 2018 19:28

Tgt Ion:136 Resp: 163577

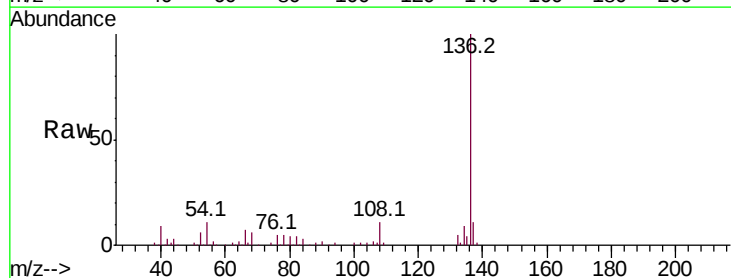
Ion Ratio Lower Upper

136 100

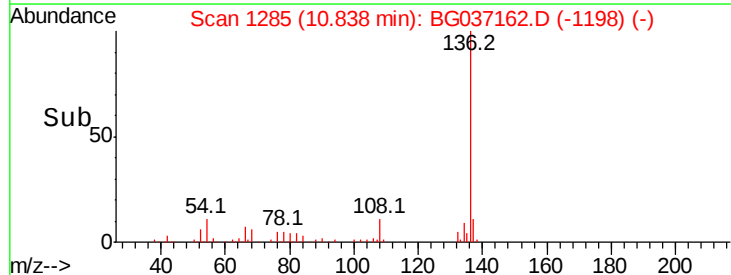
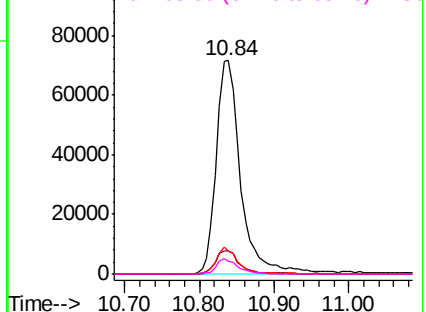
137 10.6 8.8 13.2

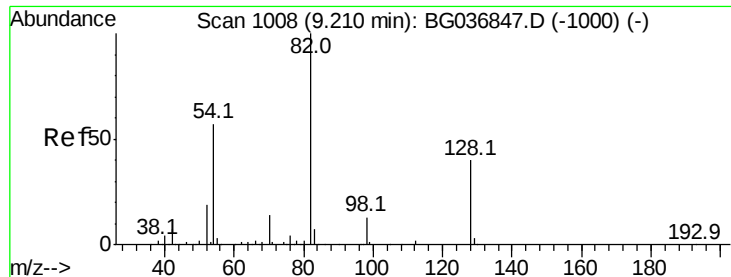
54 10.7 9.2 13.8

68 6.3 5.8 8.6



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

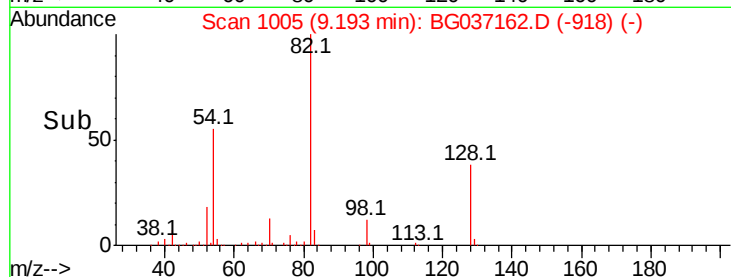
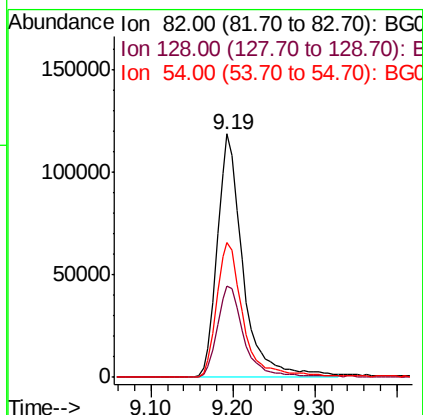
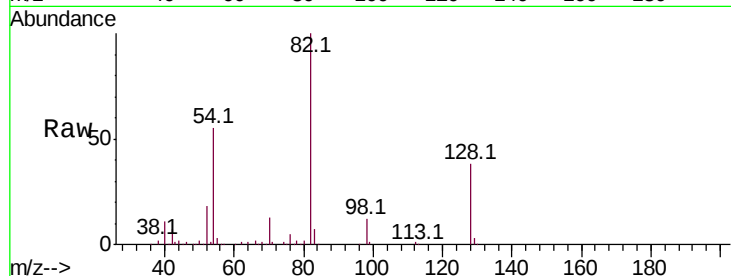




#23
Nitrobenzene-d5
Concen: 85.051 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

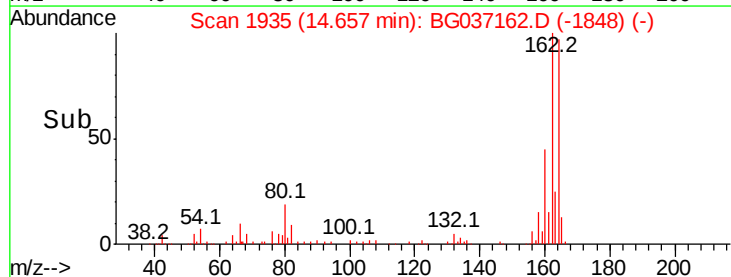
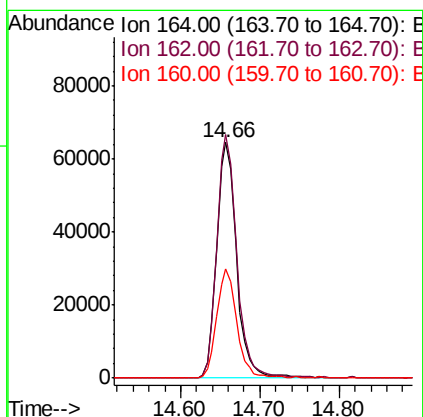
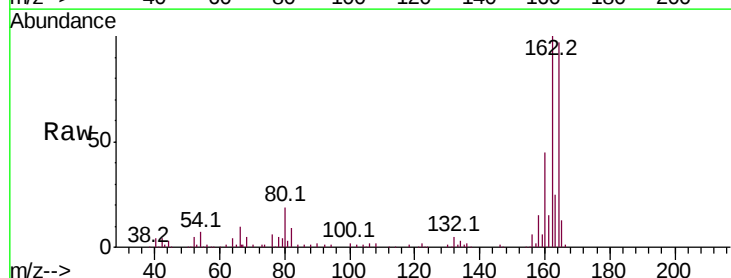
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-C

Tot Ion	82	Resp	259796
Ion Ratio	Lower	Upper	
82	100		
128	37.7	33.3	49.9
54	55.2	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

Tgt Ion	164	Resp	112277
Ion Ratio	Lower	Upper	
164	100		
162	103.3	80.7	121.1
160	46.5	35.3	52.9

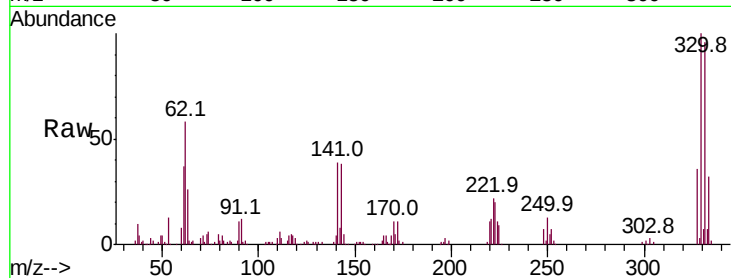




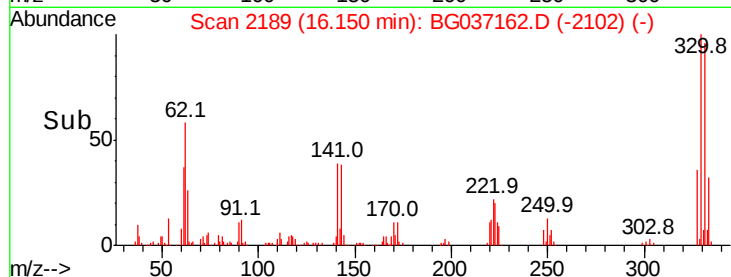
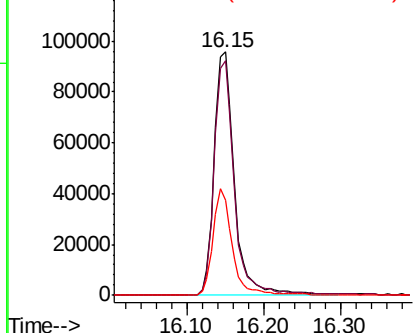
#41
 2,4,6-Tribromophenol
 Concen: 129.267 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-C

Tot Ion:330 Resp: 173647
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.2
 141 42.0 30.7 46.1

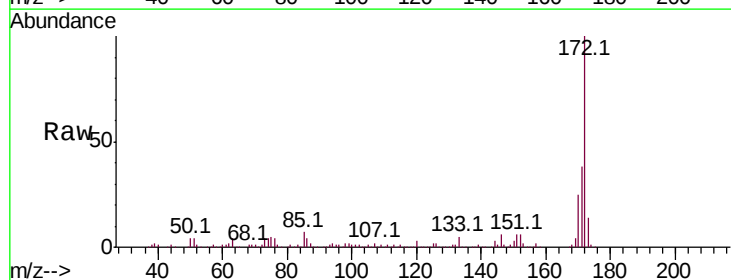


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

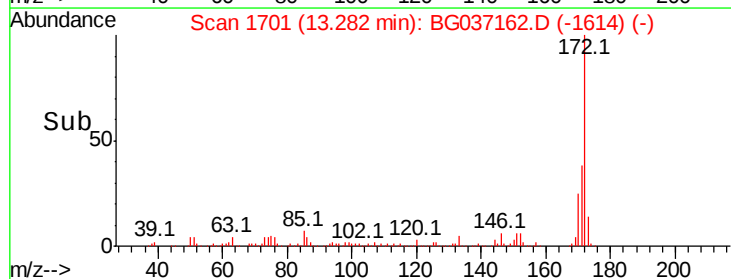
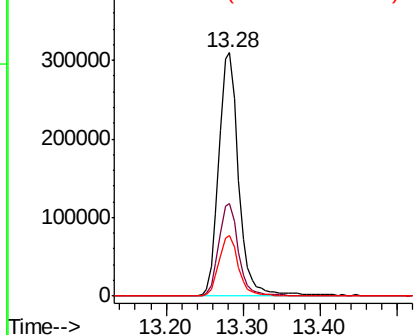


#44
 2-Fluorobiphenyl
 Concen: 73.953 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037162.D
 Acq: 4 Oct 2018 19:28

Tgt Ion:172 Resp: 557494
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.1 21.0 31.6



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

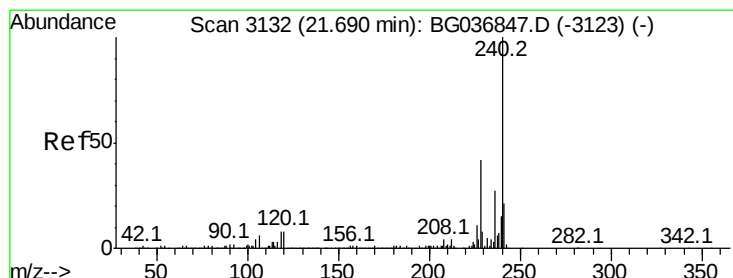
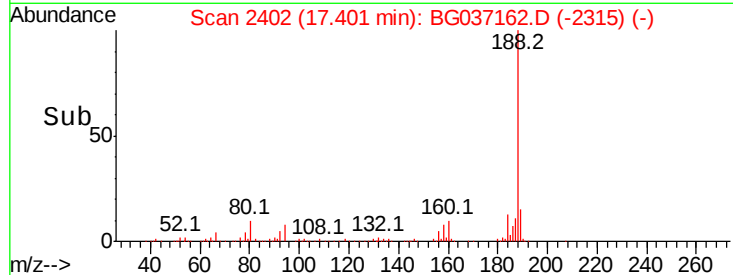
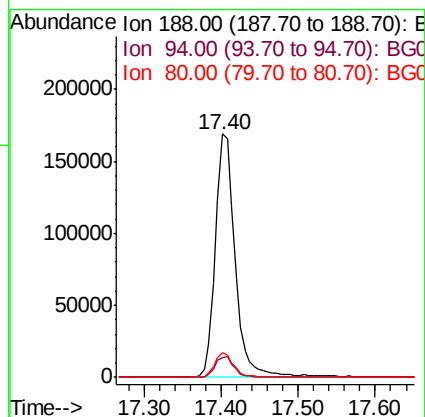
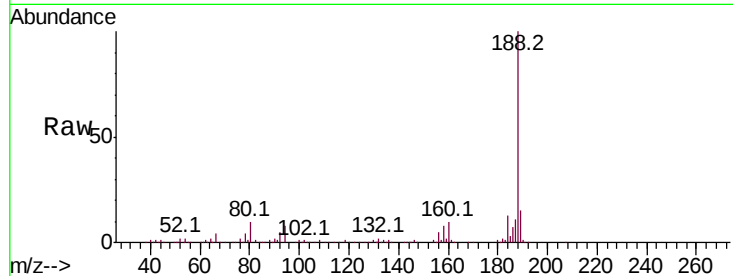




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

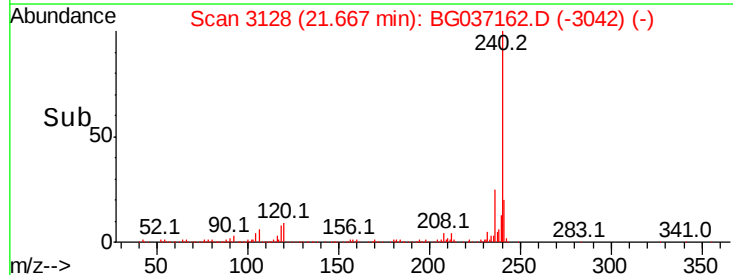
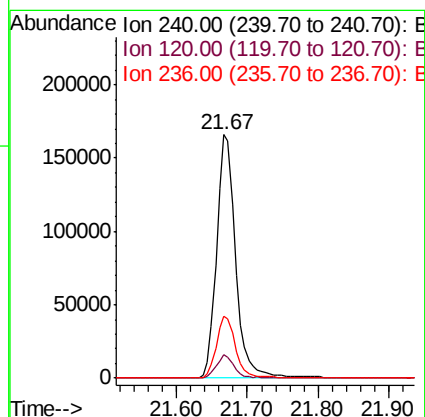
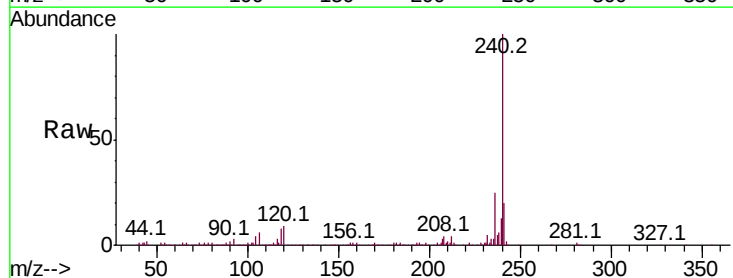
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-C

Tot Ion:188 Resp: 299773
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 10.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037162.D
Acq: 4 Oct 2018 19:28

Tgt Ion:240 Resp: 310900
Ion Ratio Lower Upper
240 100
120 9.4 6.9 10.3
236 25.3 21.2 31.8





#78

Terphenyl-d14

Concen: 92.170 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037162.D

Acq: 4 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-C

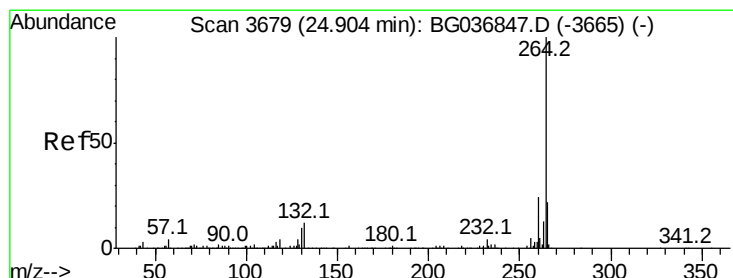
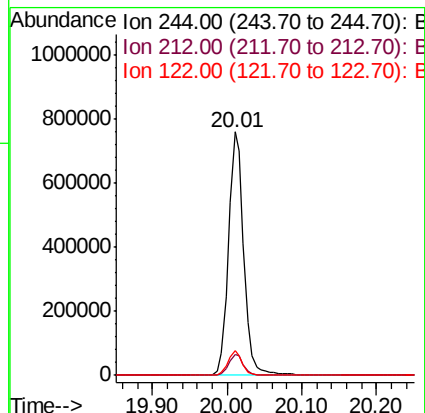
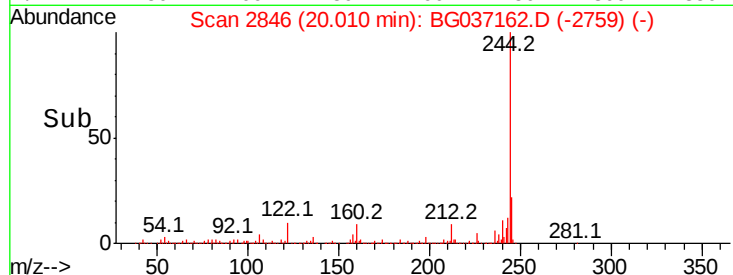
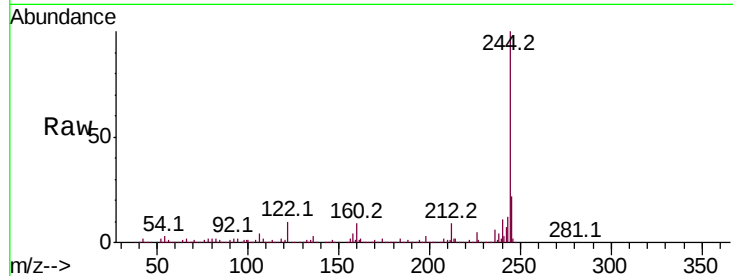
Tot Ion:244 Resp: 1089785

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

122 10.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG037162.D

Acq: 4 Oct 2018 19:28

Tgt Ion:264 Resp: 307727

Ion Ratio Lower Upper

264 100

260 22.3 19.6 29.4

265 21.6 17.4 26.0

