

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG037013.D
 Acq On : 27 Sep 2018 12:02
 Operator : JU/SJ
 Sample : J4773-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-C

Quant Time: Sep 27 13:24:01 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	45330	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	183734	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	114095	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	283201	20.00	ng	0.00
75) Chrysene-d12	21.67	240	294869	20.00	ng	-0.02
86) Perylene-d12	24.88	264	219686	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	294311	124.51	ng	0.00
7) Phenol-d6	7.20	99	375504	102.68	ng	0.00
23) Nitrobenzene-d5	9.20	82	303547	88.47	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	156502	114.65	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	636613	83.10	ng	0.00
78) Terphenyl-d14	20.02	244	1100358	98.12	ng	0.00

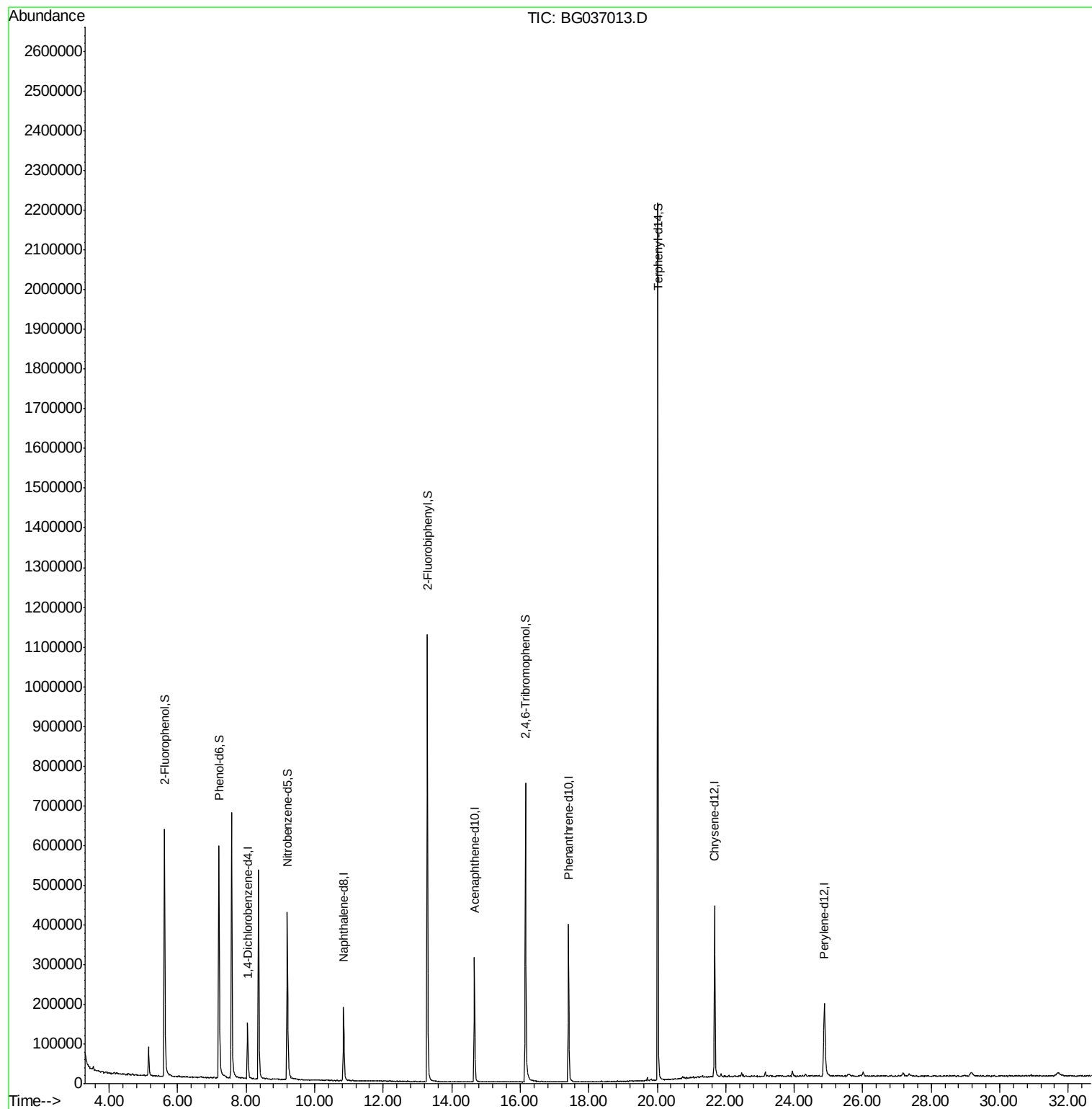
Target Compounds Qvalue

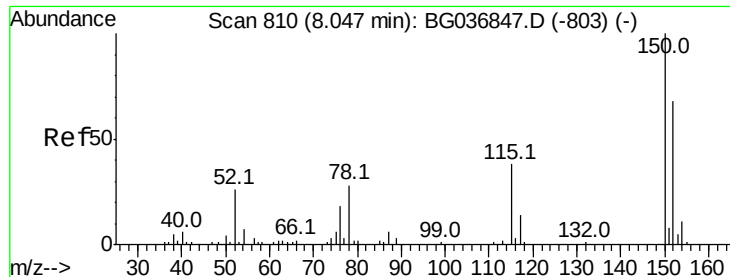
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037013.D

Acq: 27 Sep 2018 12:02

Instrument :

BNA_G

ClientSampleId :

CL-02-092518-C

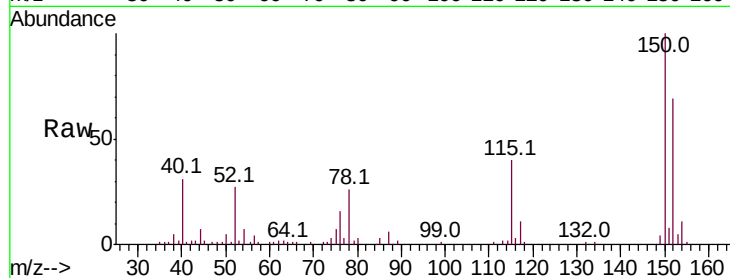
Tot Ion:152 Resp: 45330

Ion Ratio Lower Upper

152 100

150 144.3 119.5 179.3

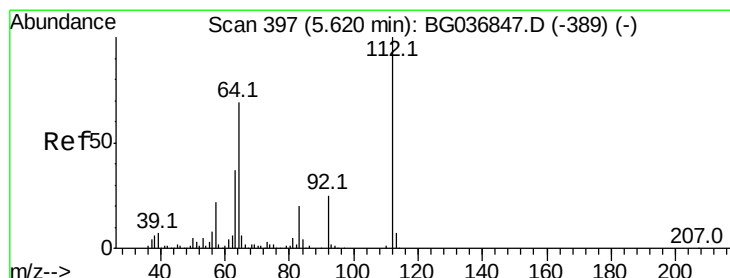
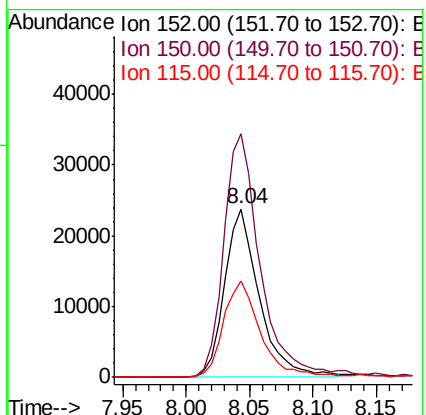
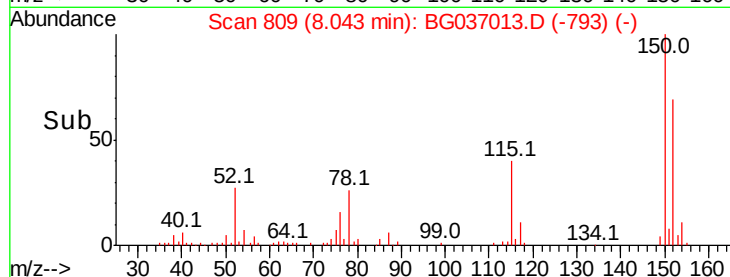
115 57.3 44.5 66.7



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: 124.515 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037013.D

Acq: 27 Sep 2018 12:02

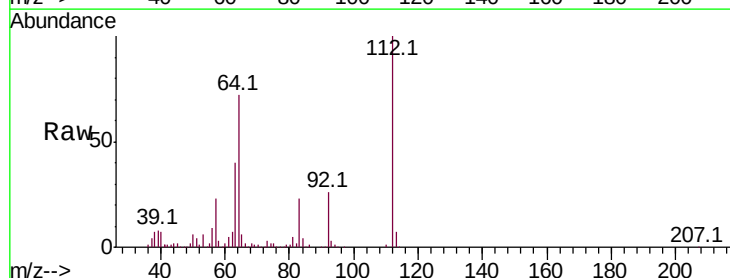
Tgt Ion:112 Resp: 294311

Ion Ratio Lower Upper

112 100

64 72.2 57.2 85.8

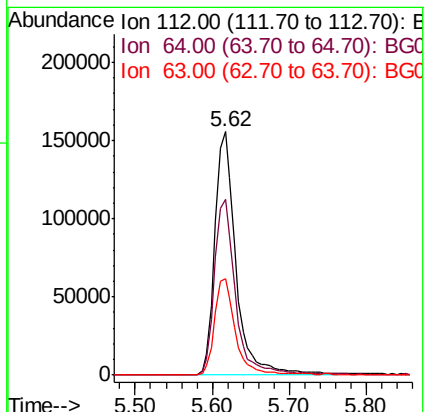
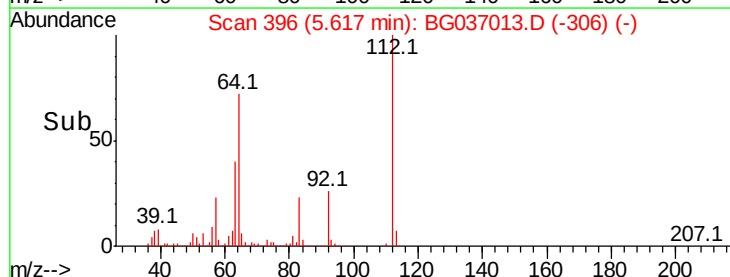
63 39.7 30.8 46.2

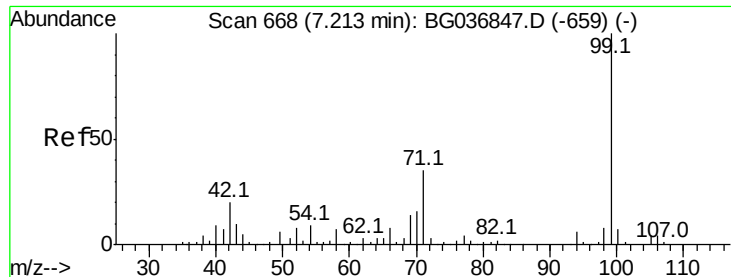


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.681 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037013.D

Acq: 27 Sep 2018 12:02

Instrument :

BNA_G

ClientSampleId :

CL-02-092518-C

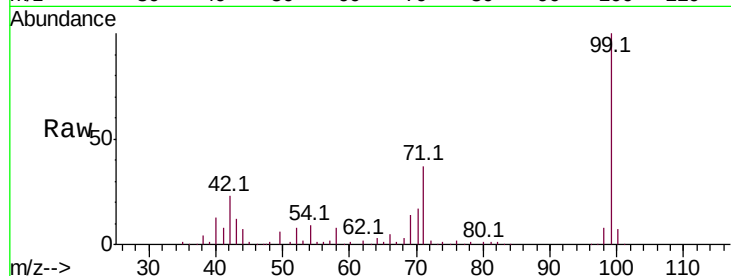
Tot Ion: 99 Resp: 375504

Ion Ratio Lower Upper

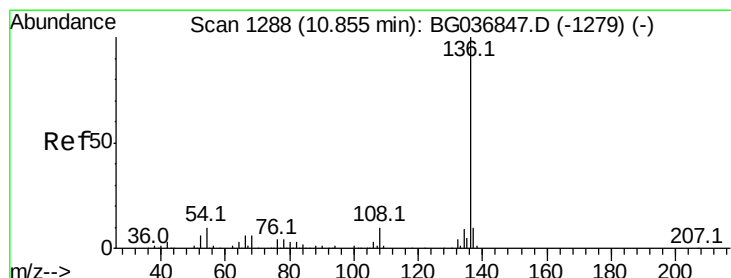
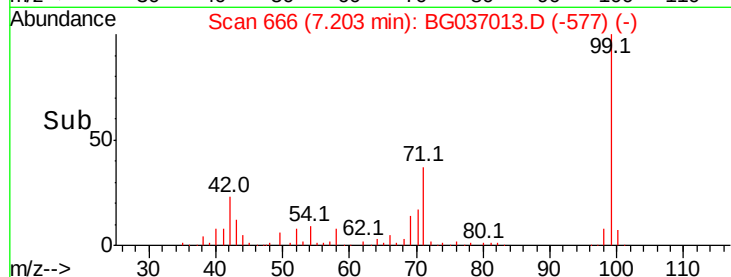
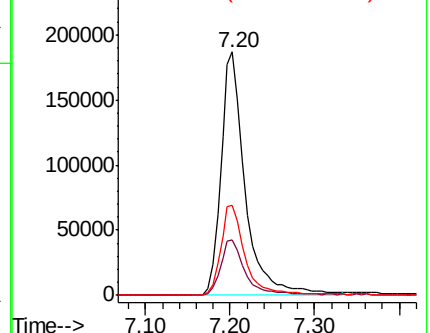
99 100

42 22.9 16.5 24.7

71 36.9 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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037013.D

Acq: 27 Sep 2018 12:02

Tgt Ion: 136 Resp: 183734

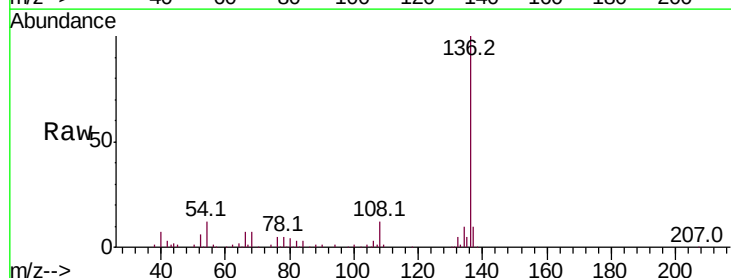
Ion Ratio Lower Upper

136 100

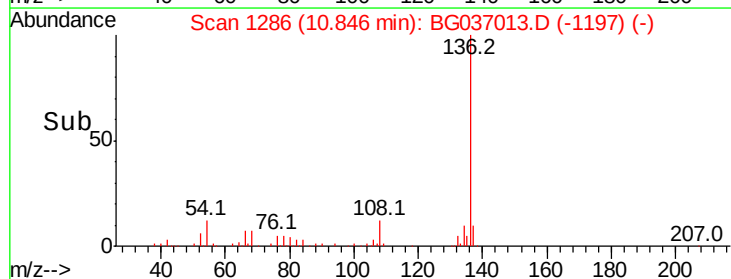
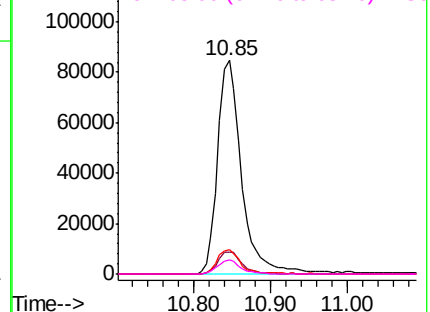
137 10.3 8.8 13.2

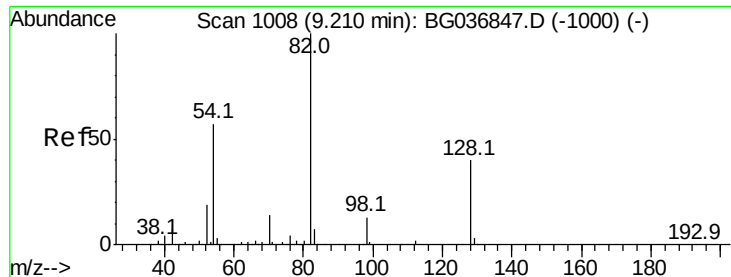
54 11.7 9.2 13.8

68 6.7 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

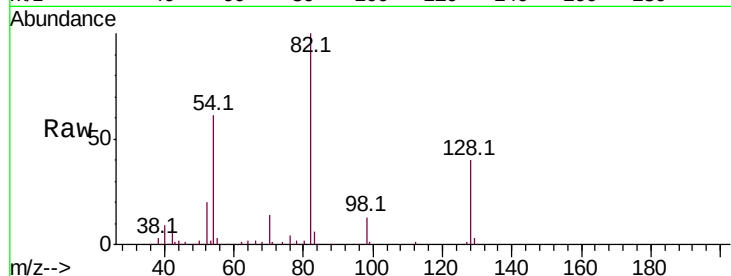




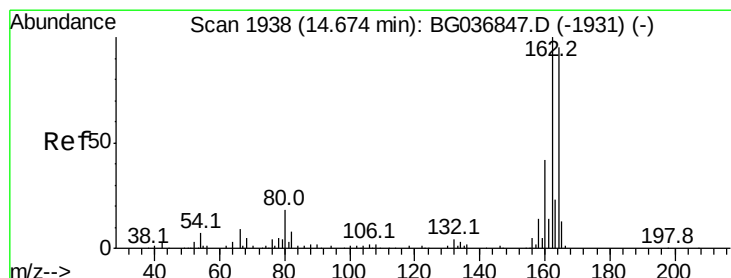
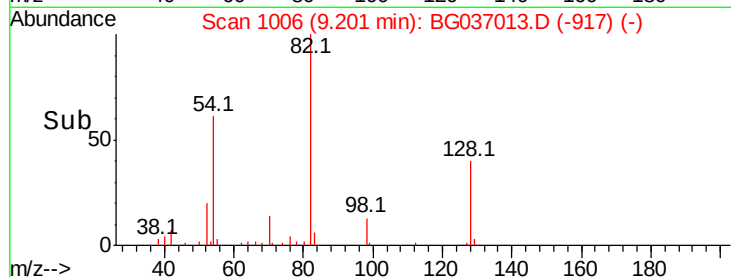
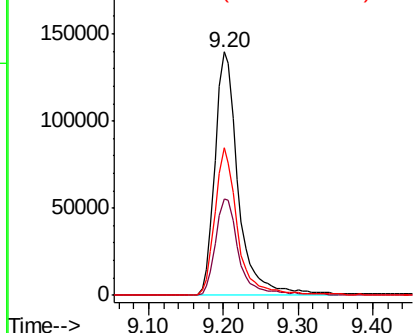
#23
Nitrobenzene-d5
Concen: 88.472 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037013.D
Acq: 27 Sep 2018 12:02

Instrument :
BNA_G
ClientSampleId :
CL-02-092518-C

Tot Ion	82	Resp	303547
Ion Ratio	Lower	Upper	
82	100		
128	39.8	33.3	49.9
54	60.8	45.1	67.7

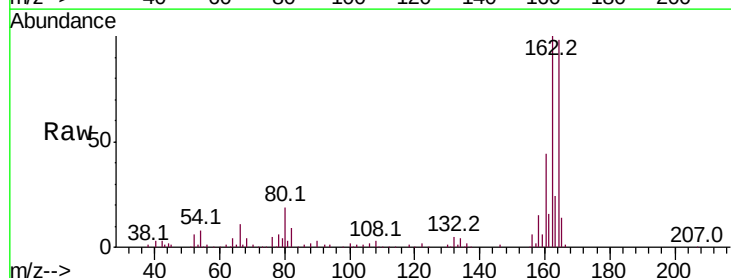


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

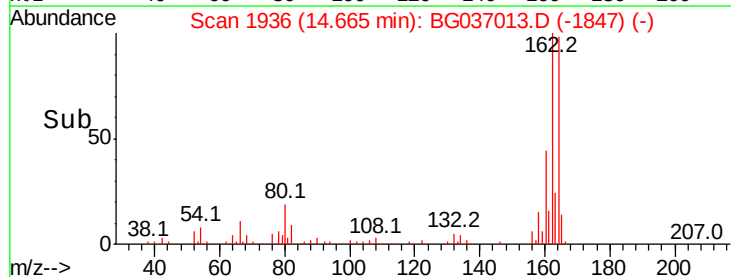
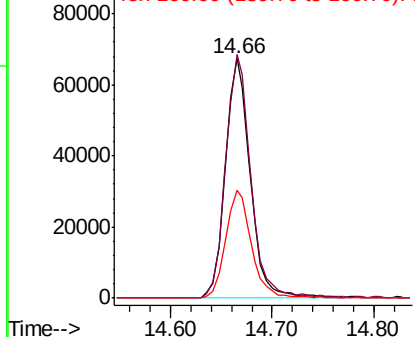


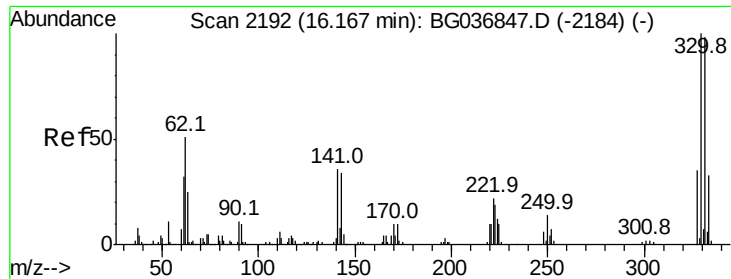
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037013.D
Acq: 27 Sep 2018 12:02

Tgt Ion	164	Resp	114095
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.7	121.1
160	45.0	35.3	52.9



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

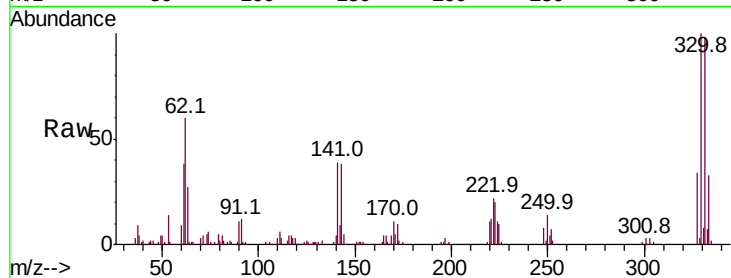




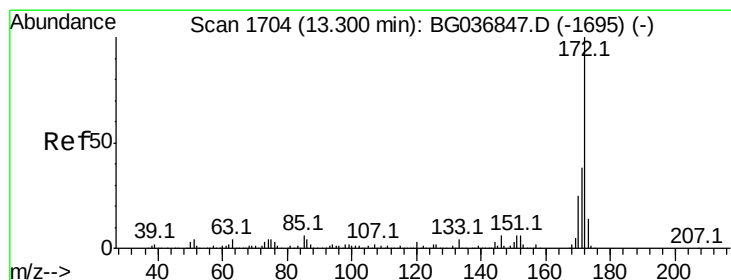
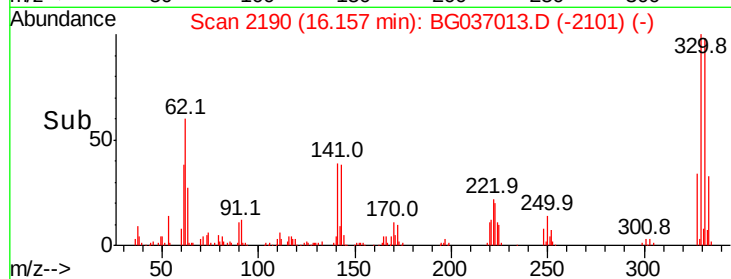
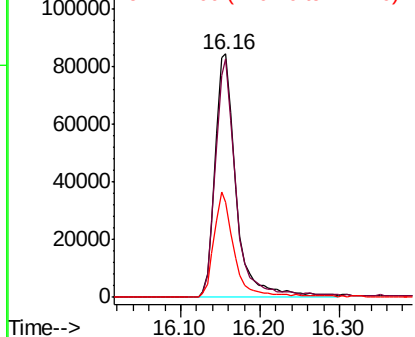
#41
 2,4,6-Tribromophenol
 Concen: 114.647 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037013.D
 Acq: 27 Sep 2018 12:02

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-C

Tot Ion:330 Resp: 156502
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.2
 141 40.5 30.7 46.1

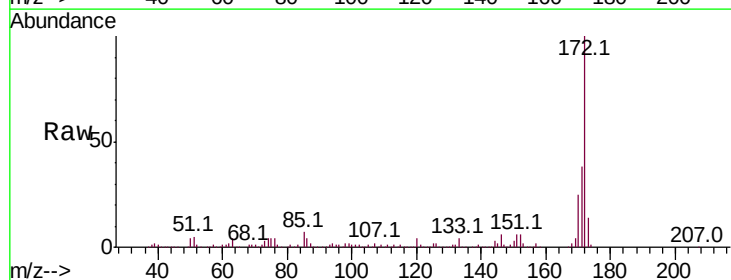


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

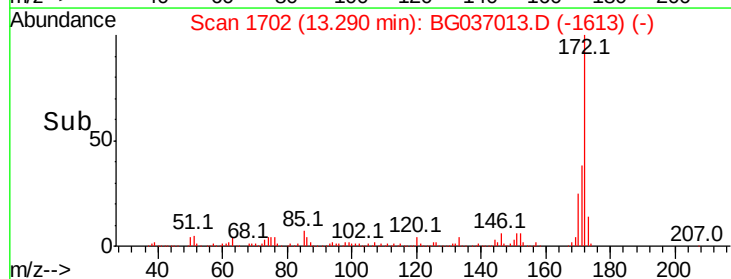
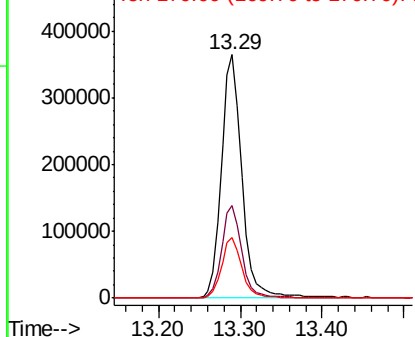


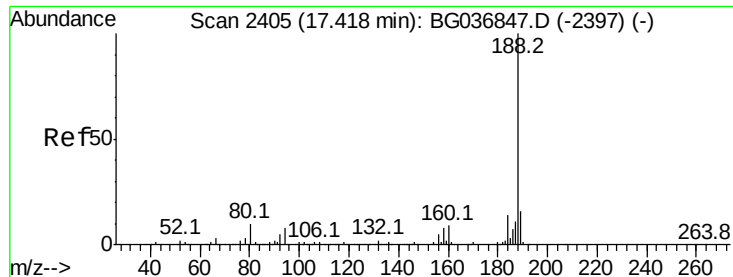
#44
 2-Fluorobiphenyl
 Concen: 83.103 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037013.D
 Acq: 27 Sep 2018 12:02

Tgt Ion:172 Resp: 636613
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 24.7 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

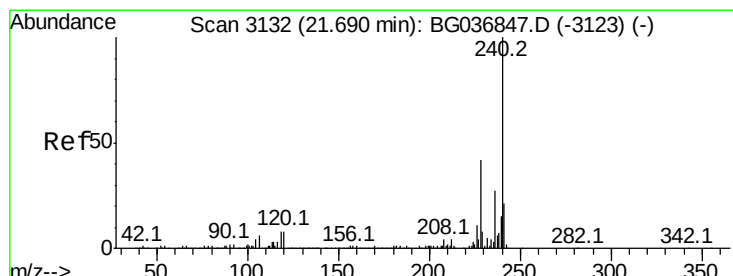
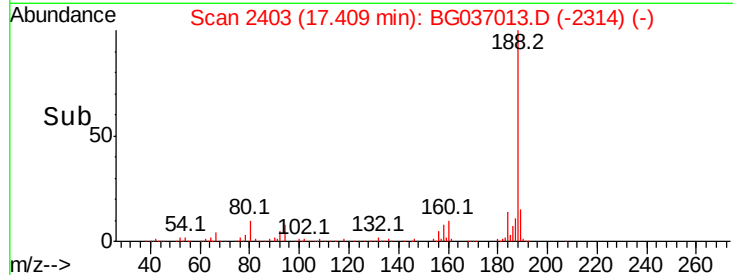
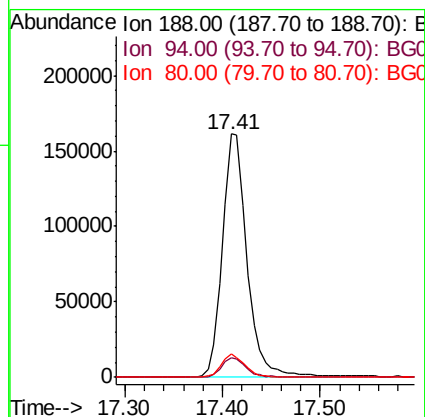
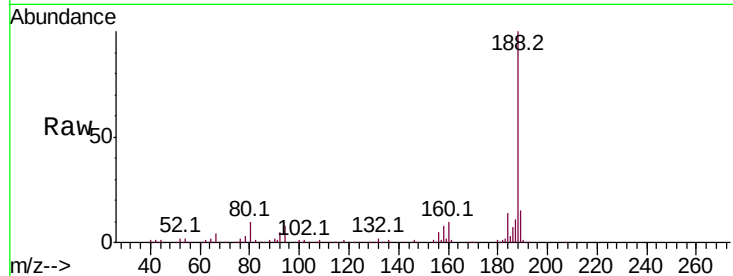




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037013.D
Acq: 27 Sep 2018 12:02

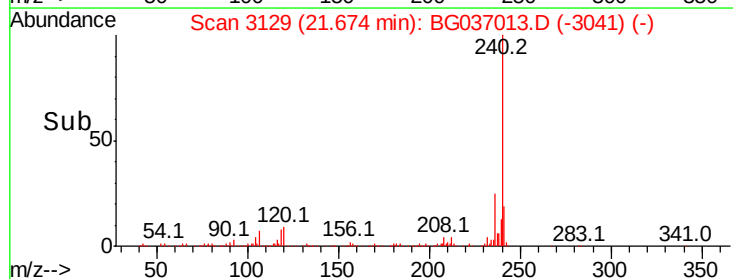
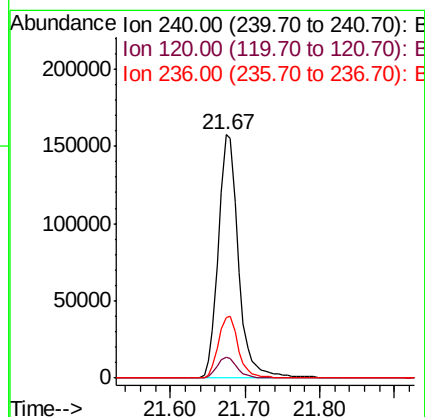
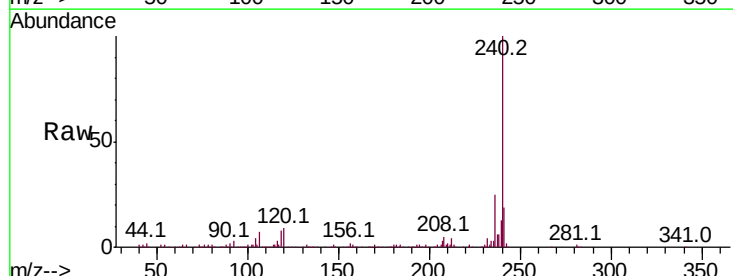
Instrument :
BNA_G
ClientSampleId :
CL-02-092518-C

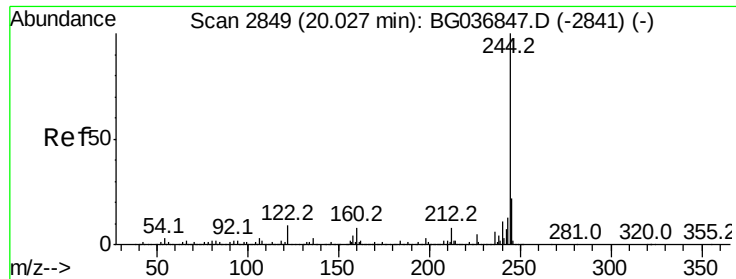
Tot Ion:188 Resp: 283201
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037013.D
Acq: 27 Sep 2018 12:02

Tgt Ion:240 Resp: 294869
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.0 21.2 31.8



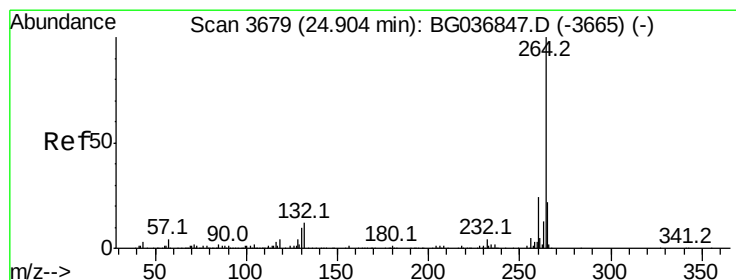
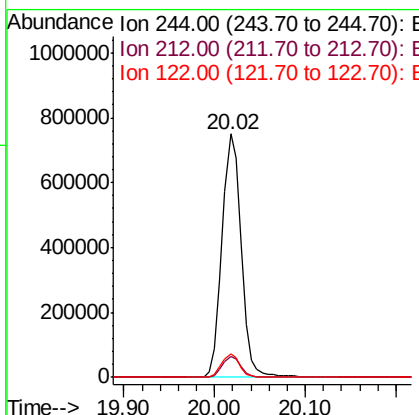
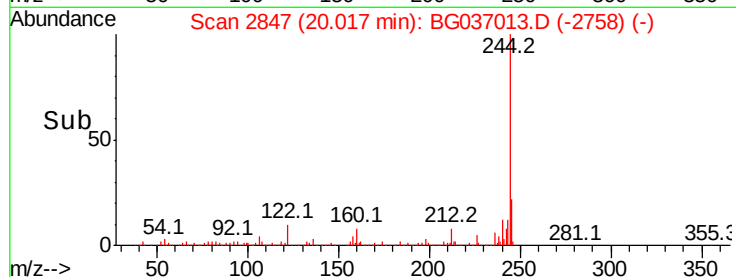
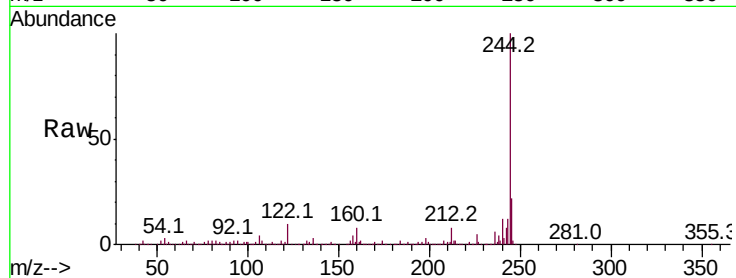


#78
 Terphenyl-d14
 Concen: 98.124 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037013.D
 Acq: 27 Sep 2018 12:02

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-092518-C

Tot Ion:244 Resp: 1100358

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037013.D
 Acq: 27 Sep 2018 12:02

Tgt Ion:264 Resp: 219686

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.0	17.4	26.0

