

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037152.D
 Acq On : 4 Oct 2018 8:49
 Operator : JU/SJ
 Sample : J5198-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 04 09:31:11 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	47888	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	197027	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	118320	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	307648	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	329879	20.00	ng	-0.02
86) Perylene-d12	24.87	264	310806	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	321647	128.81	ng	0.00
7) Phenol-d6	7.20	99	386278	99.98	ng	-0.01
23) Nitrobenzene-d5	9.20	82	328034	89.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	156720	110.71	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	672165	84.61	ng	-0.02
78) Terphenyl-d14	20.02	244	1143154	91.12	ng	-0.01

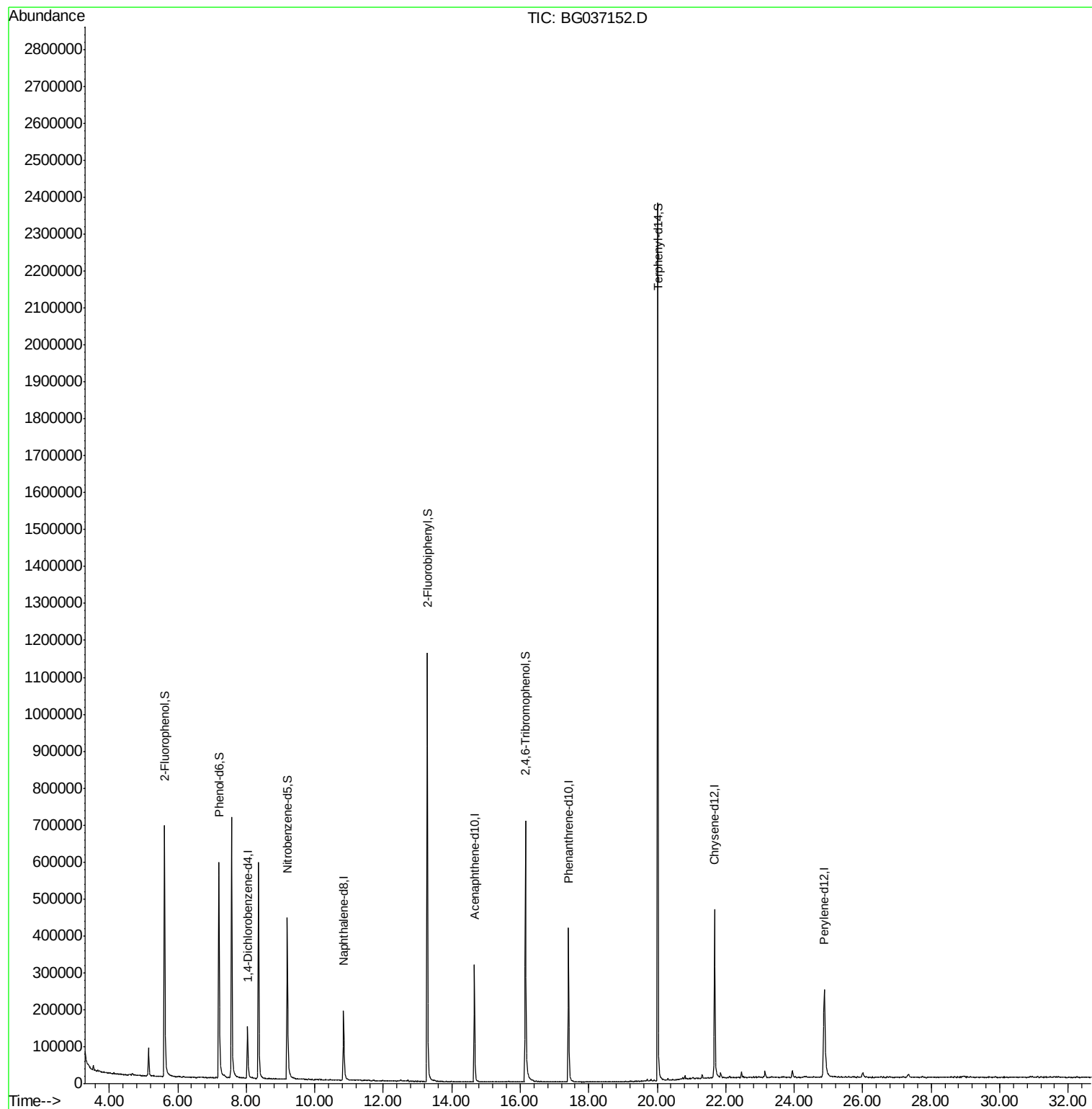
Target Compounds Qvalue

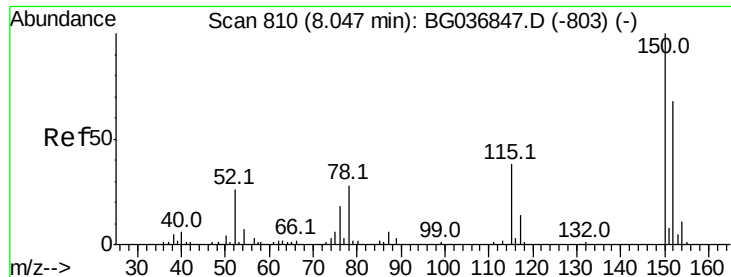
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-A

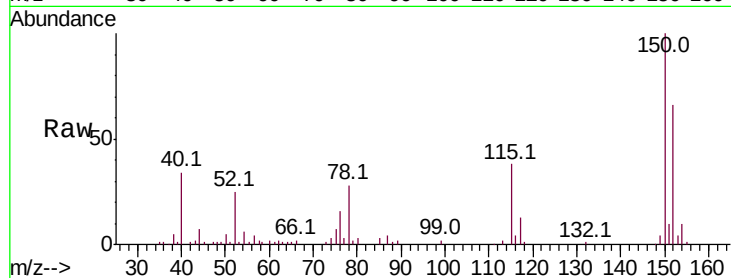
Tot Ion:152 Resp: 47888

Ion Ratio Lower Upper

152 100

150 151.1 119.5 179.3

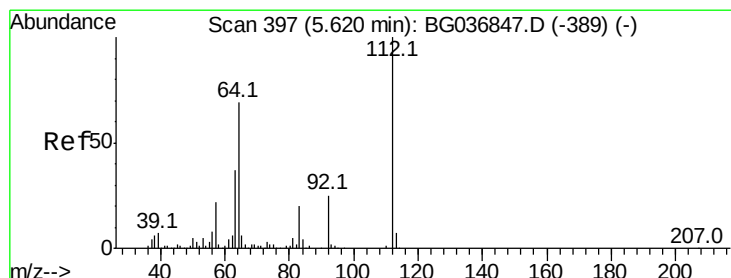
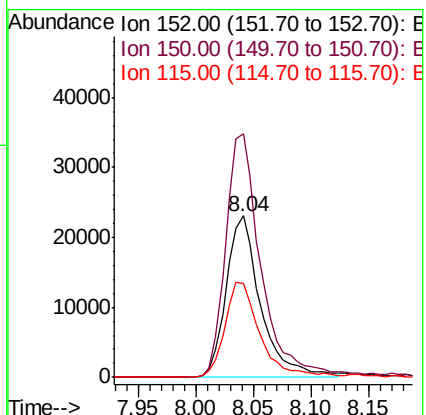
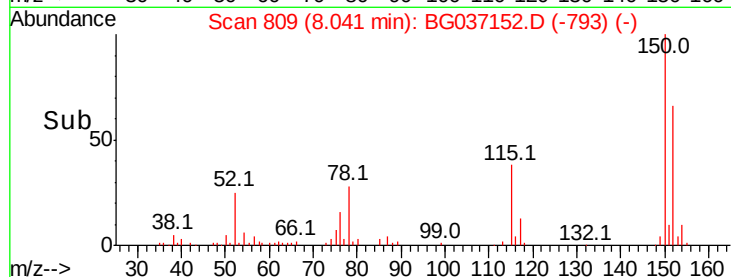
115 58.0 44.5 66.7



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: 128.811 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

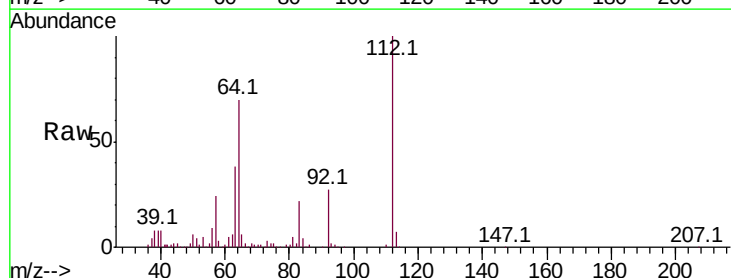
Tgt Ion:112 Resp: 321647

Ion Ratio Lower Upper

112 100

64 70.1 57.2 85.8

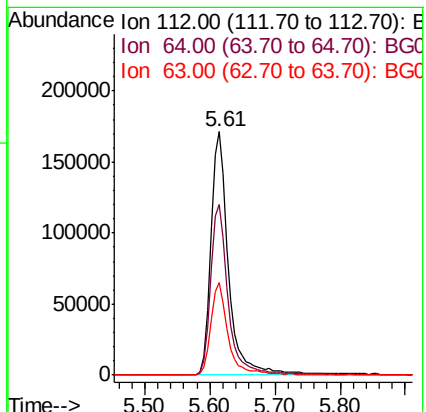
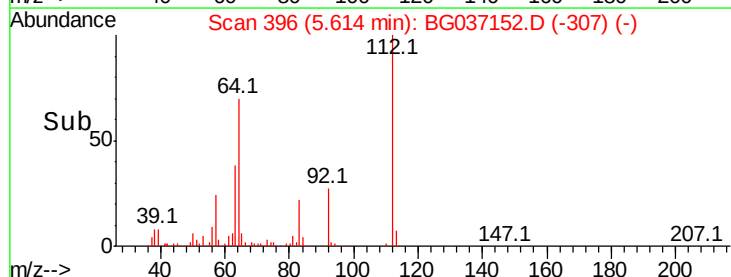
63 38.2 30.8 46.2

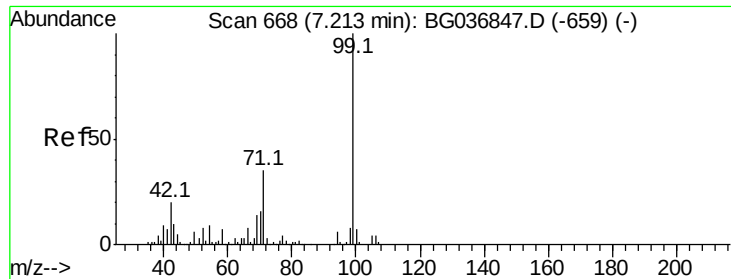


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.985 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-A

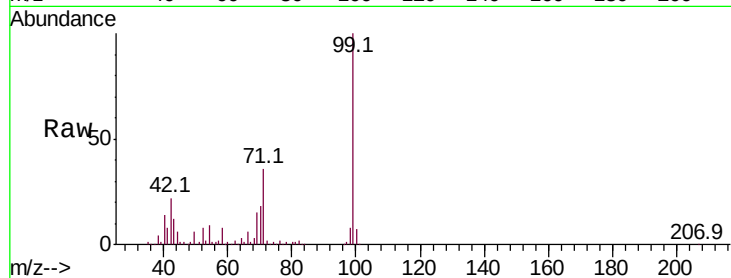
Tot Ion: 99 Resp: 386278

Ion Ratio Lower Upper

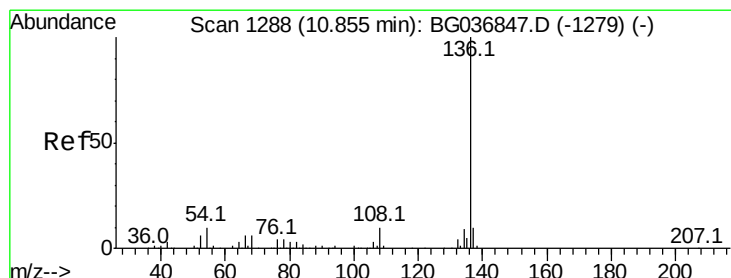
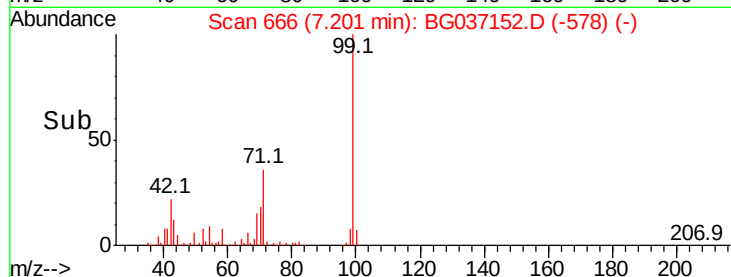
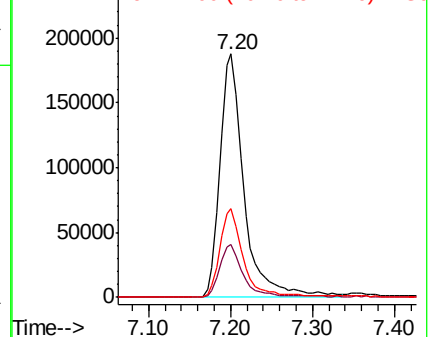
99 100

42 21.7 16.5 24.7

71 36.3 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# 1286

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Tgt Ion: 136 Resp: 197027

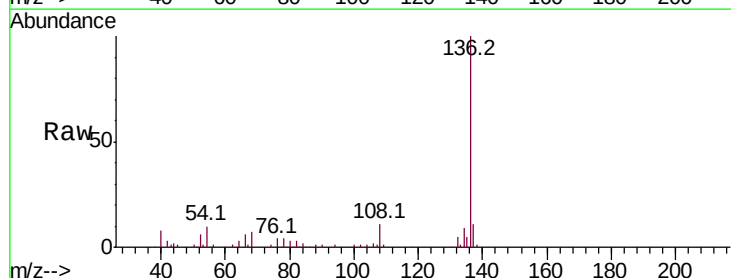
Ion Ratio Lower Upper

136 100

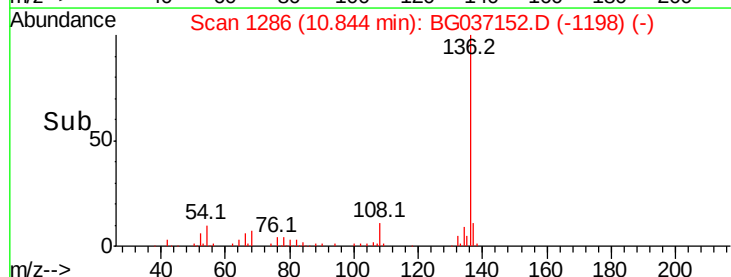
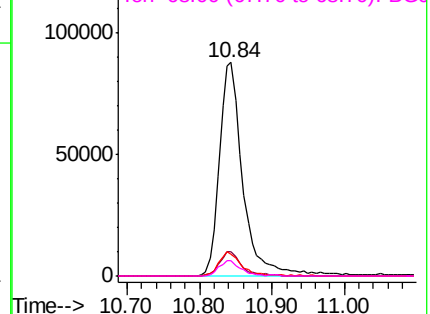
137 11.2 8.8 13.2

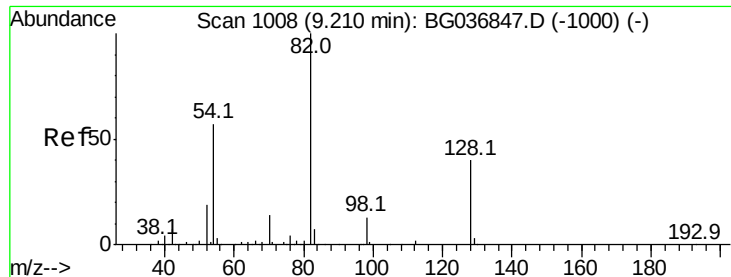
54 10.5 9.2 13.8

68 7.3 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

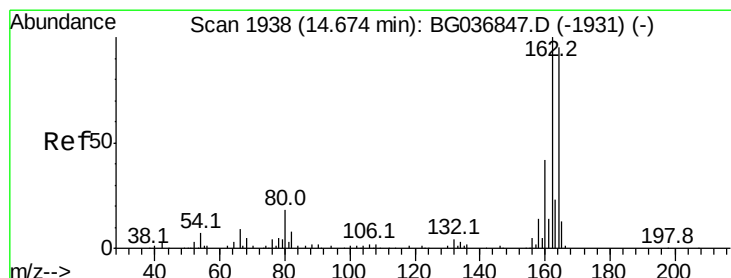
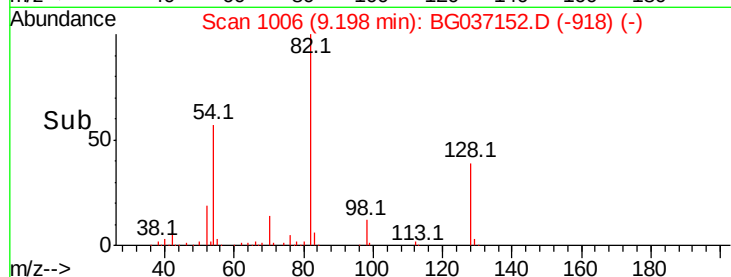
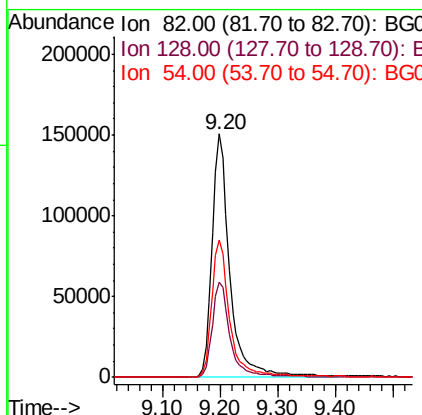
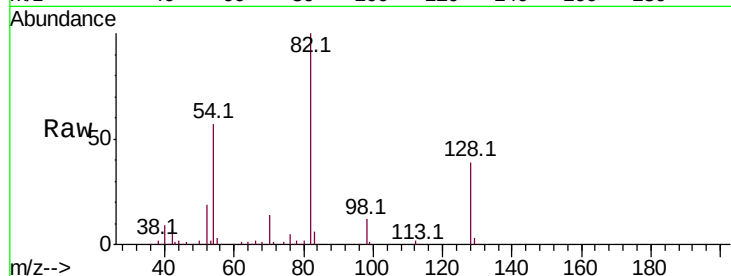




#23
 Nitrobenzene-d5
 Concen: 89.158 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037152.D
 Acq: 4 Oct 2018 8:49

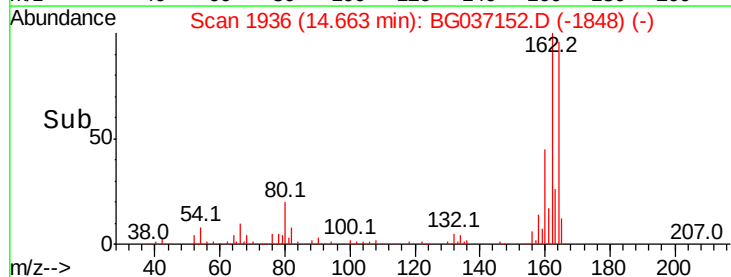
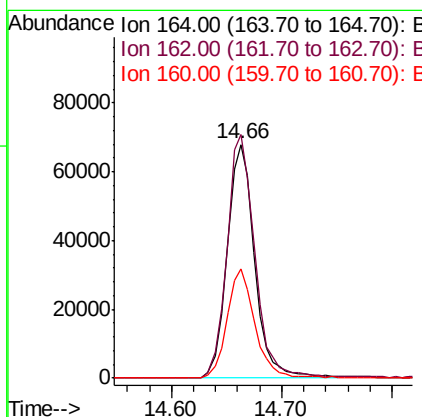
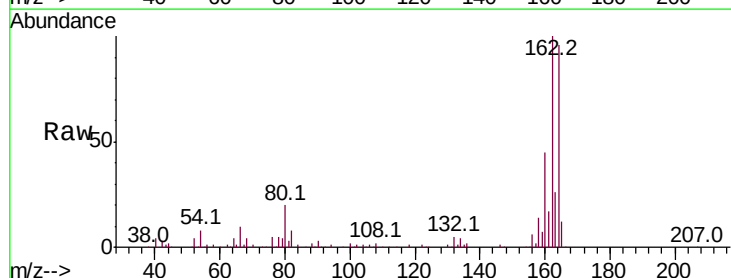
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-100218-A

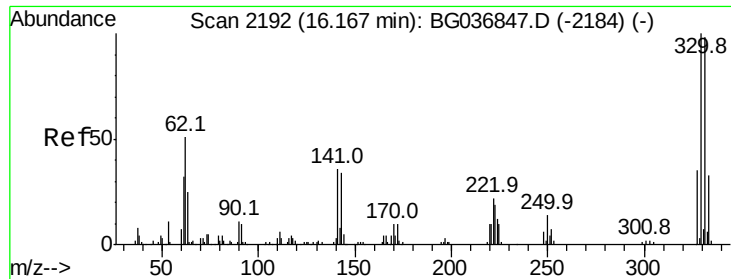
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.3	49.9
54	56.6	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037152.D
 Acq: 4 Oct 2018 8:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.7	121.1
160	46.8	35.3	52.9

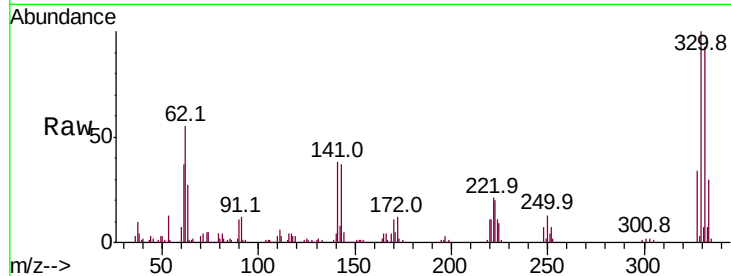




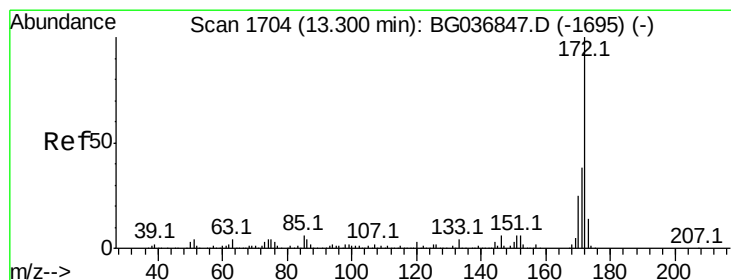
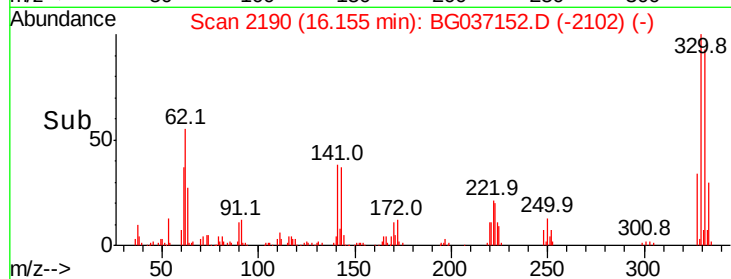
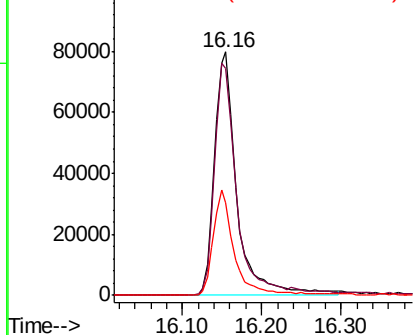
#41
 2,4,6-Tribromophenol
 Concen: 110.707 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037152.D
 Acq: 4 Oct 2018 8:49

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.2
141	40.6	30.7	46.1

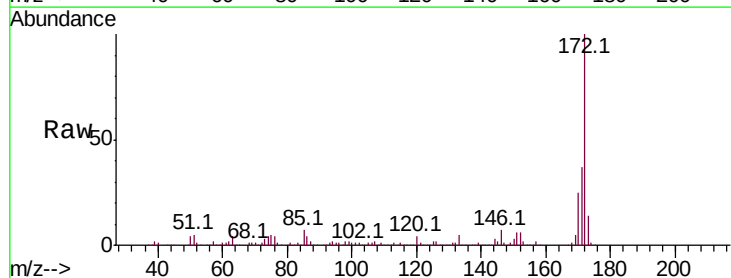


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

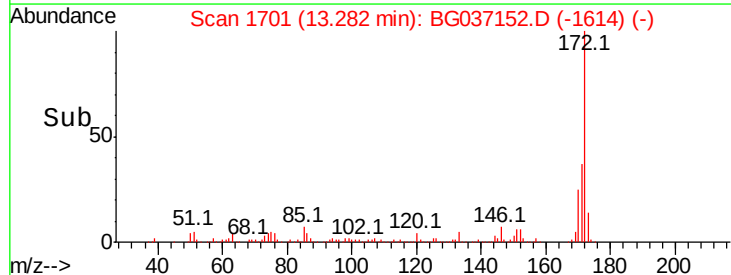
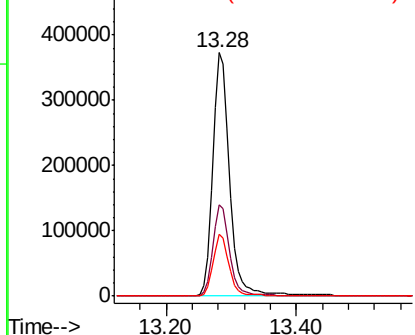


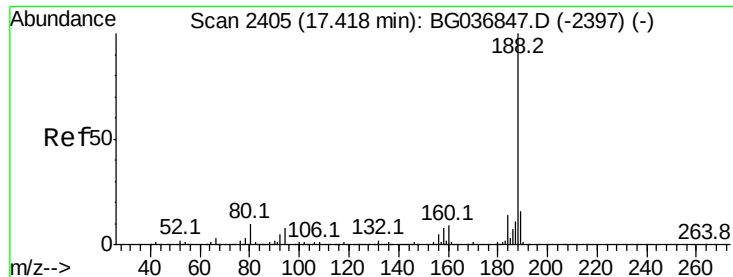
#44
 2-Fluorobiphenyl
 Concen: 84.611 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037152.D
 Acq: 4 Oct 2018 8:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	25.2	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

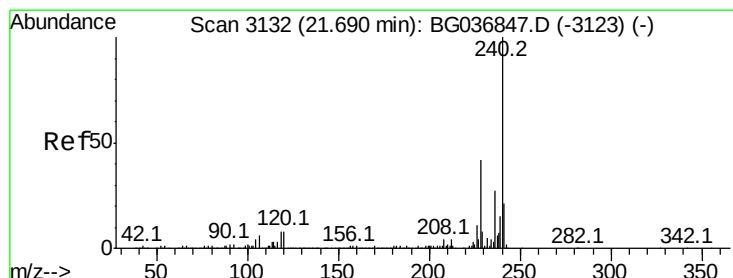
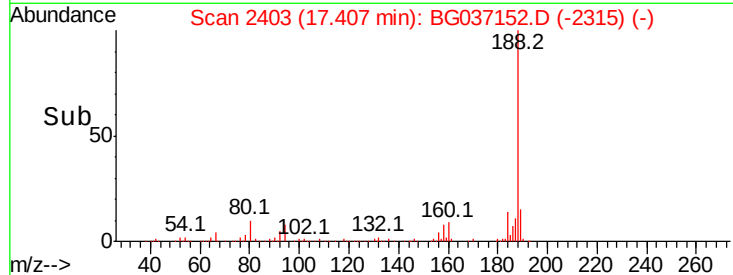
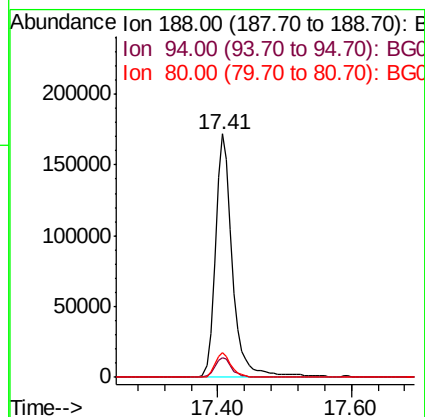
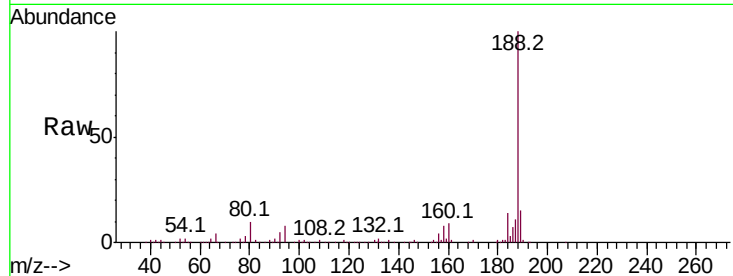




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037152.D
Acq: 4 Oct 2018 8:49

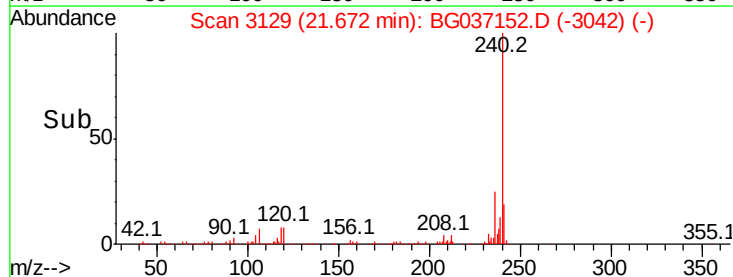
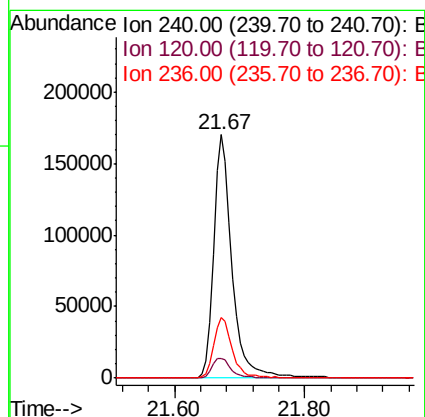
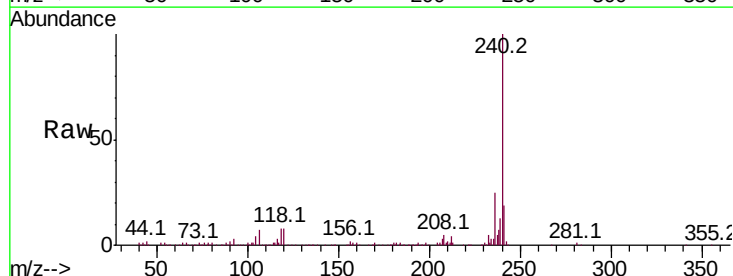
Instrument :
BNA_G
ClientSampleId :
CL-01-100218-A

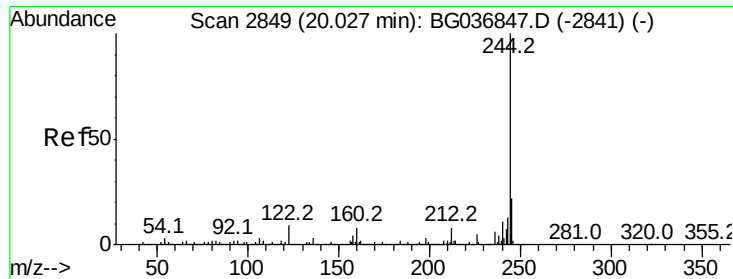
Tot Ion:188 Resp: 307648
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037152.D
Acq: 4 Oct 2018 8:49

Tgt Ion:240 Resp: 329879
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.1 21.2 31.8





#78

Terphenyl-d14

Concen: 91.122 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

Instrument :

BNA_G

ClientSampleId :

CL-01-100218-A

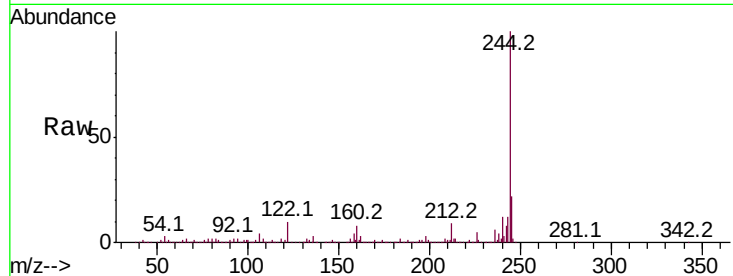
Tot Ion:244 Resp: 1143154

Ion Ratio Lower Upper

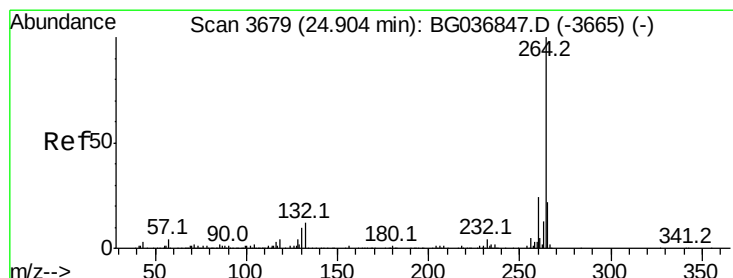
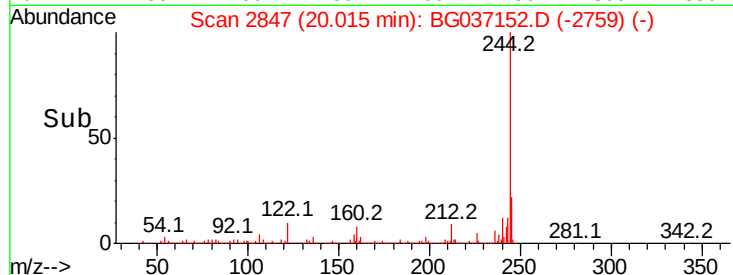
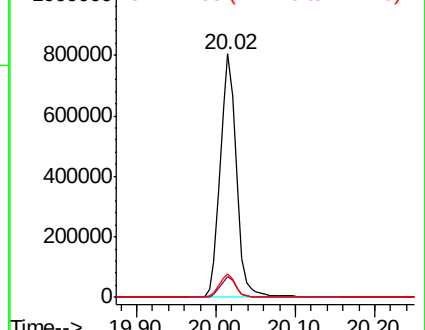
244 100

212 8.8 7.0 10.6

122 9.7 7.1 10.7



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: 24.87 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037152.D

Acq: 4 Oct 2018 8:49

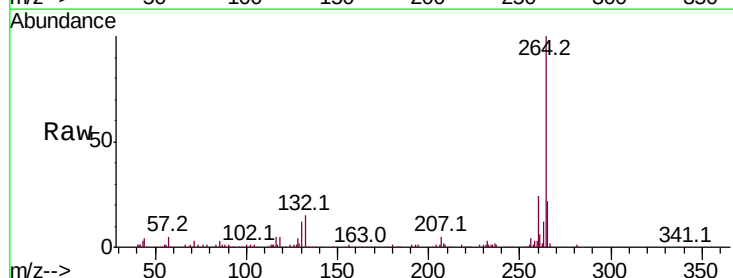
Tgt Ion:264 Resp: 310806

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.8 17.4 26.0



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

