

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037381.D
 Acq On : 17 Oct 2018 8:15
 Operator : JU/SJ
 Sample : J5198-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-C

Quant Time: Oct 17 09:08:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	72326	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	306565	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	206699	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	516759	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	496454	20.00	ng	-0.02
87) Perylene-d12	25.12	264	485956	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	436860	106.30	ng	0.00
7) Phenol-d6	7.25	99	572706	91.81	ng	0.00
23) Nitrobenzene-d5	9.29	82	394564	84.62	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	210129	103.66	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	965055	70.12	ng	-0.01
79) Terphenyl-d14	20.09	244	1533973	64.88	ng	-0.01

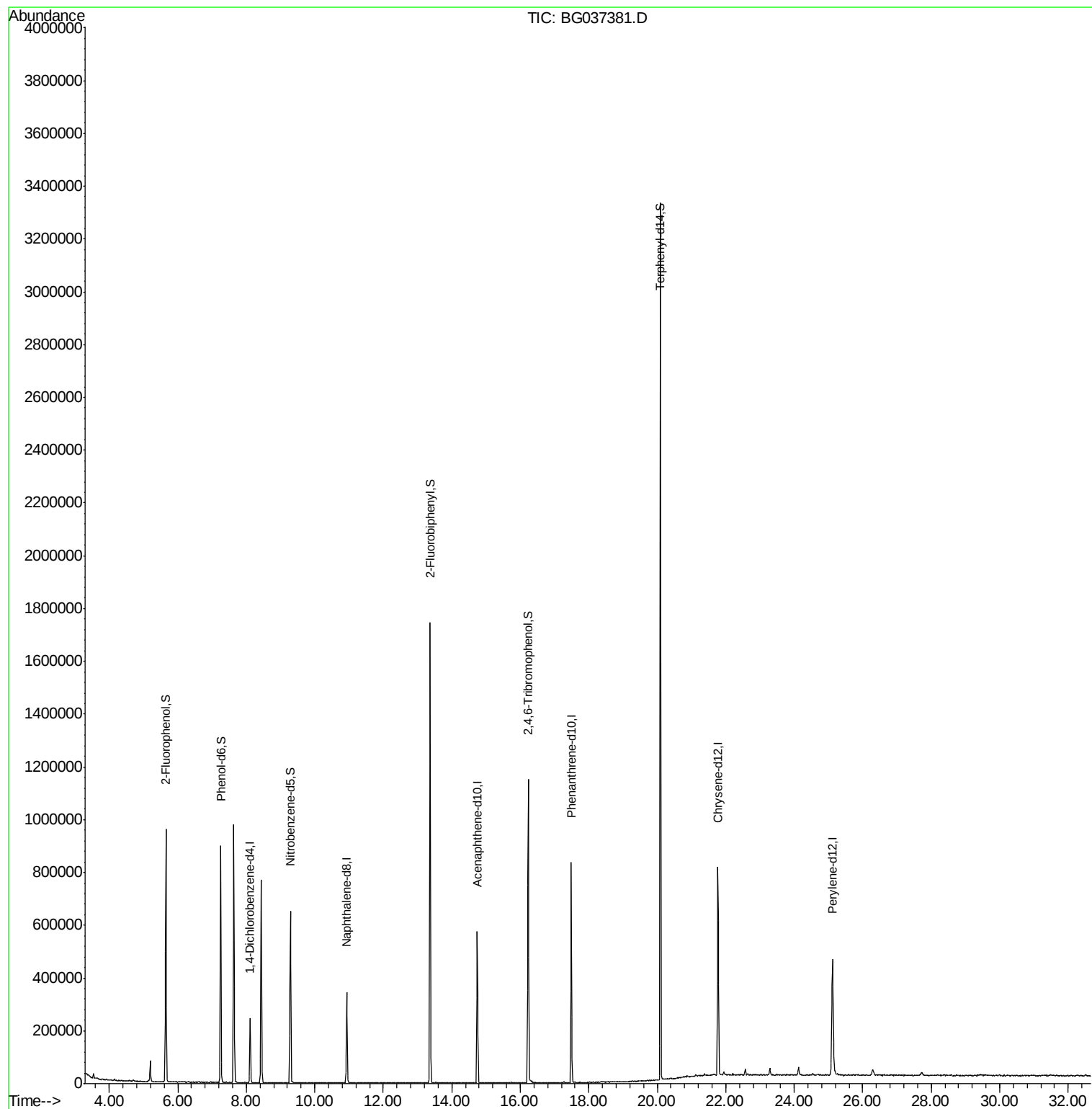
Target Compounds Qvalue

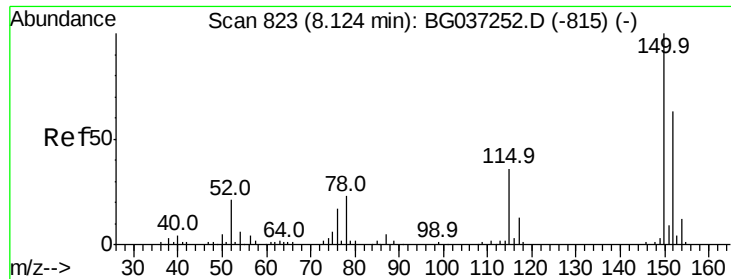
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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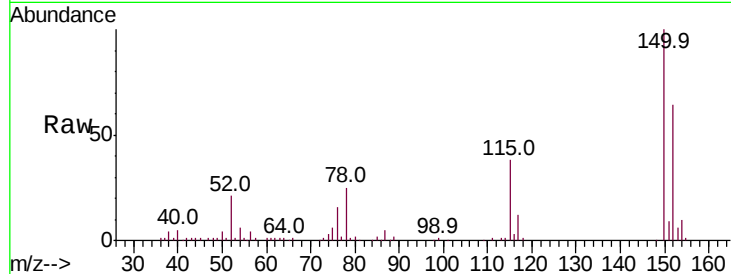


#1

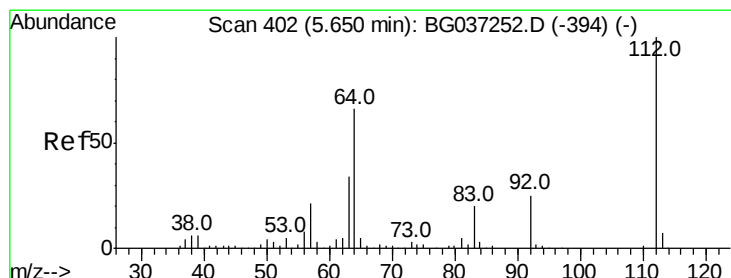
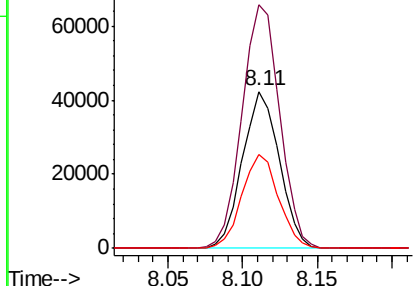
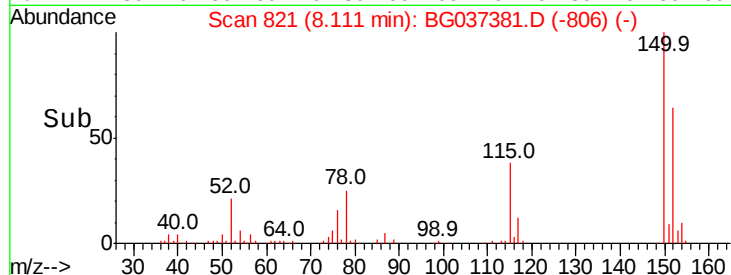
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037381.D
 Acq: 17 Oct 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-C

Tot Ion:152 Resp: 72326
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.0 189.0
 115 59.5 45.5 68.3



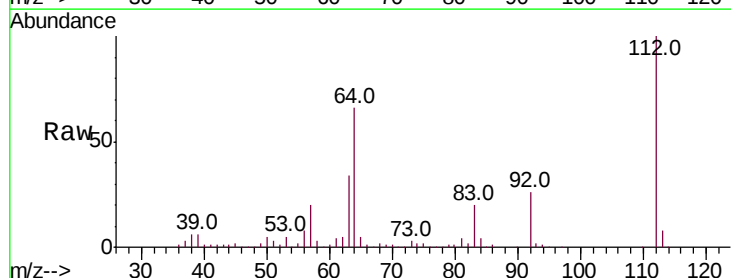
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



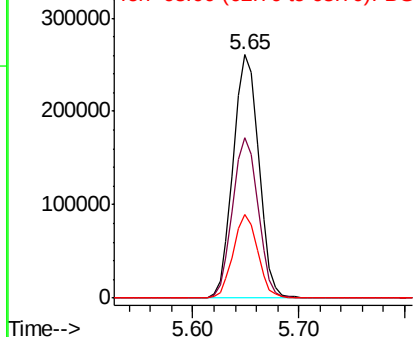
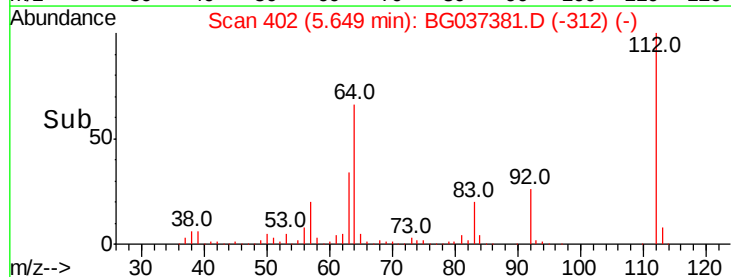
#5

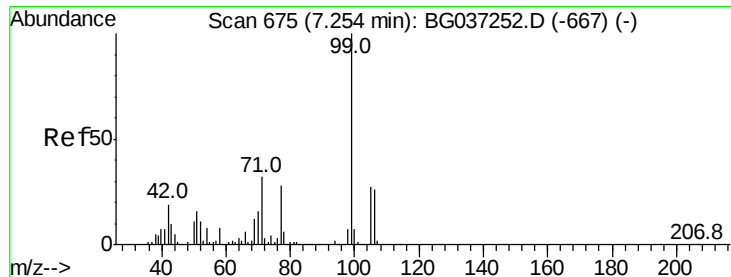
2-Fluorophenol
 Concen: 106.301 ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BG037381.D
 Acq: 17 Oct 2018 8:15

Tgt Ion:112 Resp: 436860
 Ion Ratio Lower Upper
 112 100
 64 66.0 53.1 79.7
 63 34.2 27.3 40.9



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: 91.812 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037381.D

Acq: 17 Oct 2018 8:15

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-C

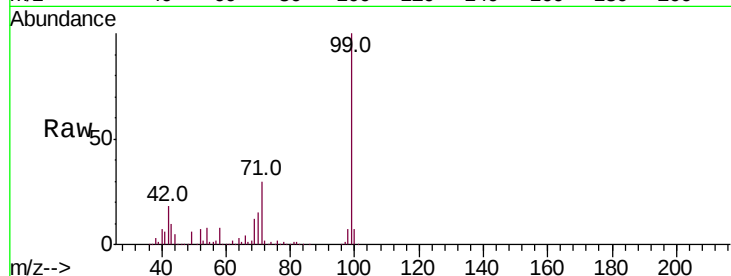
Tot Ion: 99 Resp: 572706

Ion Ratio Lower Upper

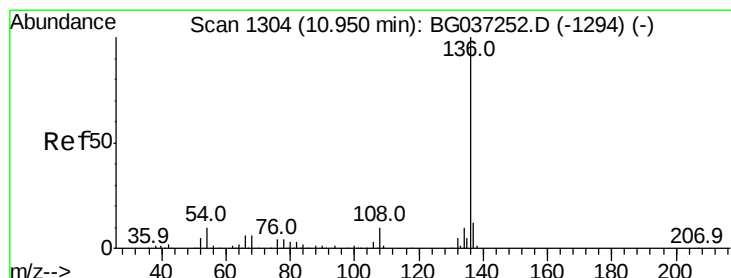
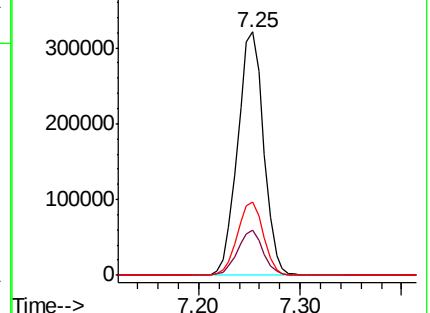
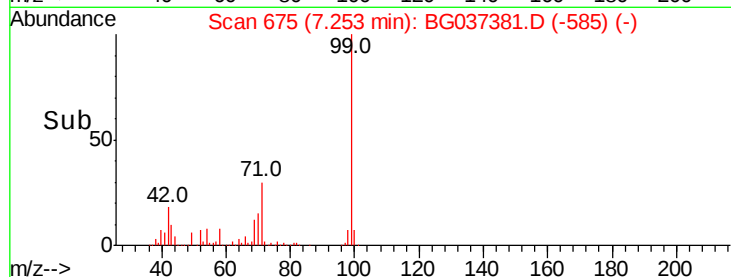
99 100

42 18.5 15.0 22.4

71 30.3 25.5 38.3



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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037381.D

Acq: 17 Oct 2018 8:15

Tgt Ion: 136 Resp: 306565

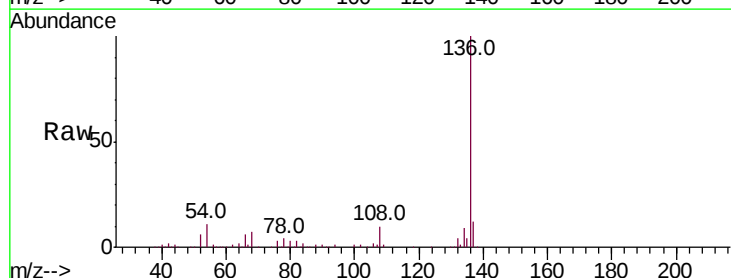
Ion Ratio Lower Upper

136 100

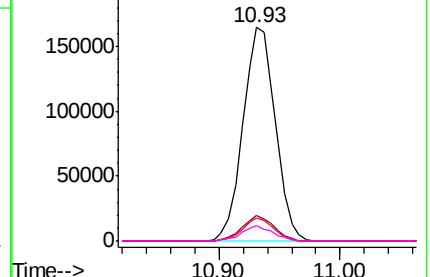
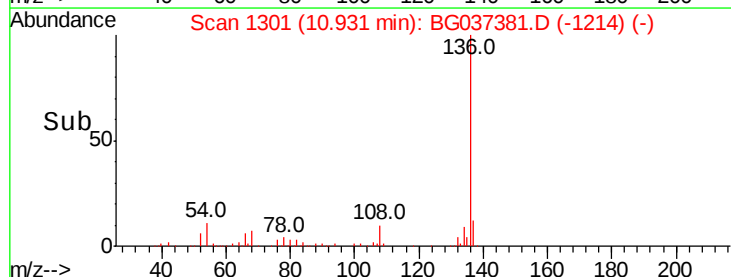
137 12.1 9.6 14.4

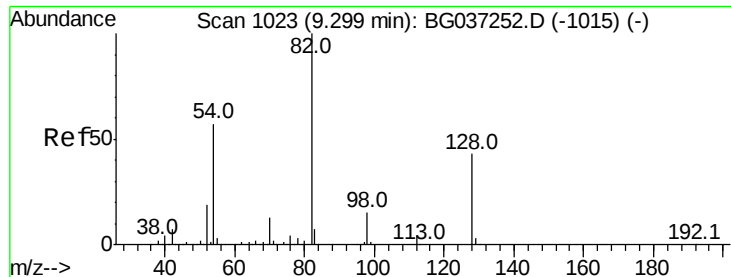
54 11.0 7.9 11.9

68 7.4 4.8 7.2#



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

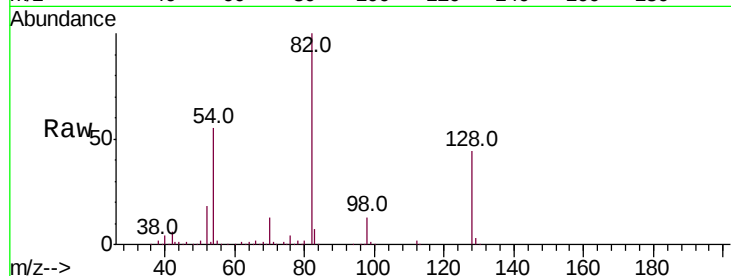




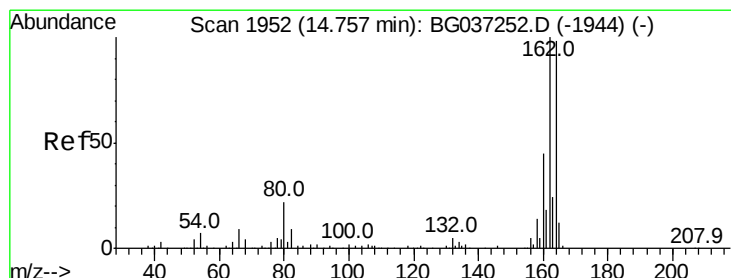
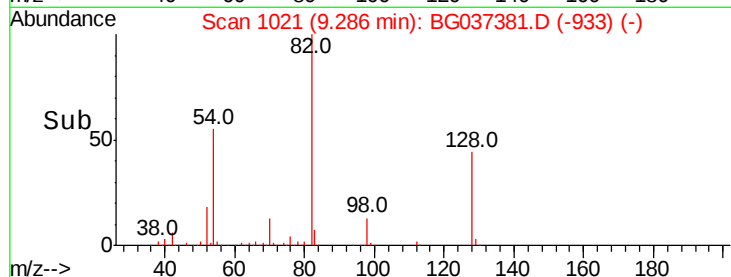
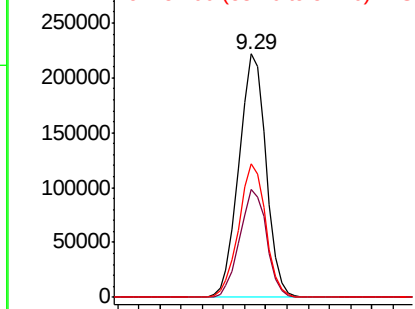
#23
Nitrobenzene-d5
Concen: 84.617 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037381.D
Acq: 17 Oct 2018 8:15

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-C

Tot Ion	82	Resp	394564
Ion Ratio	100	Lower	Upper
128	44.3	34.6	51.8
54	55.0	45.3	67.9

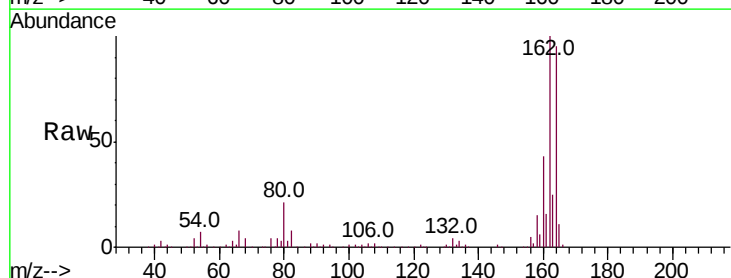


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

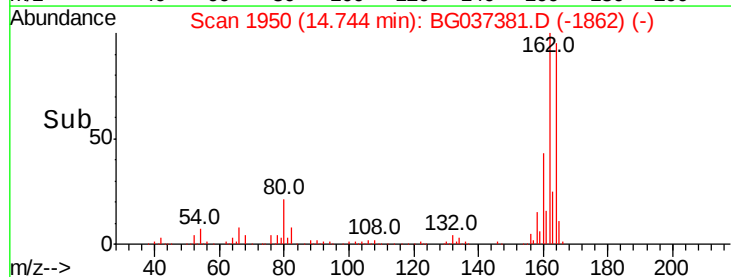
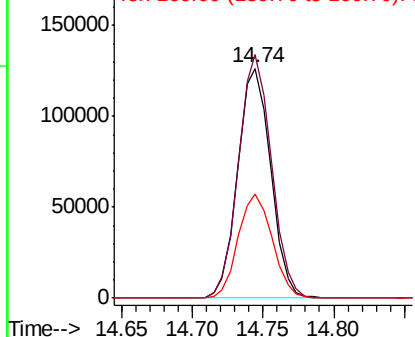


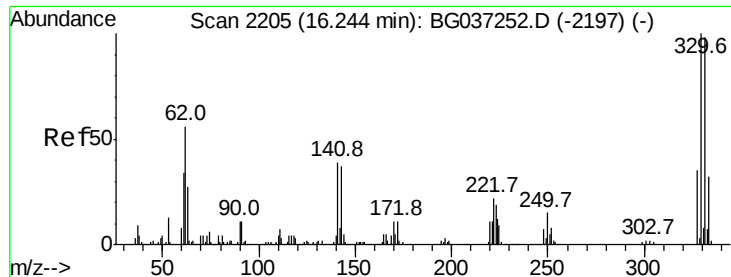
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037381.D
Acq: 17 Oct 2018 8:15

Tgt Ion	164	Resp	206699
Ion Ratio	100	Lower	Upper
162	105.8	81.3	121.9
160	45.1	36.3	54.5



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





#42

2,4,6-Tribromophenol

Concen: 103.658 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037381.D

Acq: 17 Oct 2018 8:15

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-C

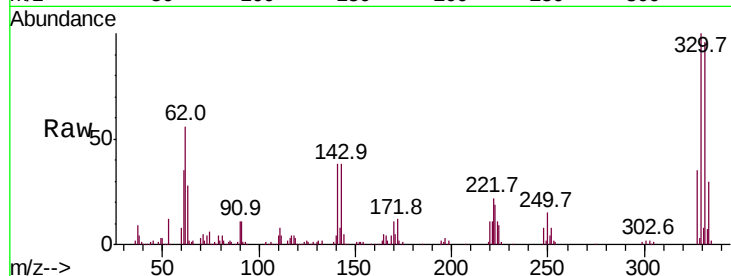
Tot Ion:330 Resp: 210129

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

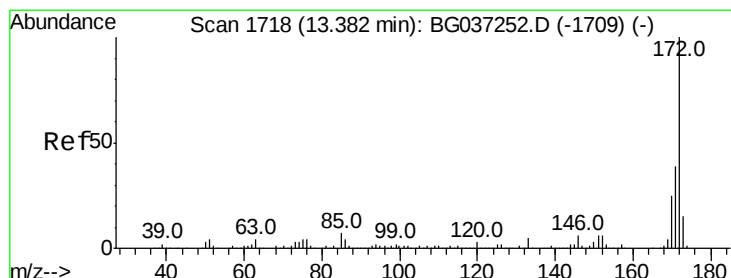
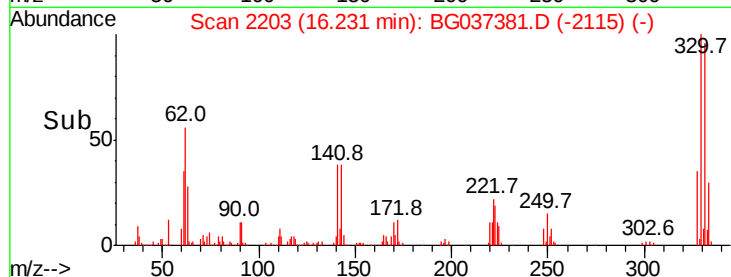
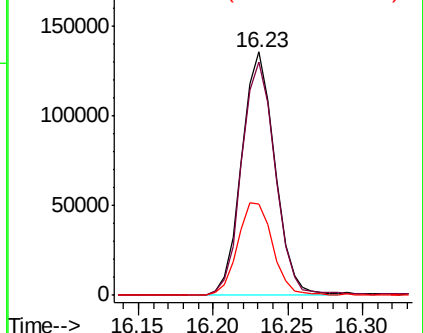
141 40.6 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 70.116 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG037381.D

Acq: 17 Oct 2018 8:15

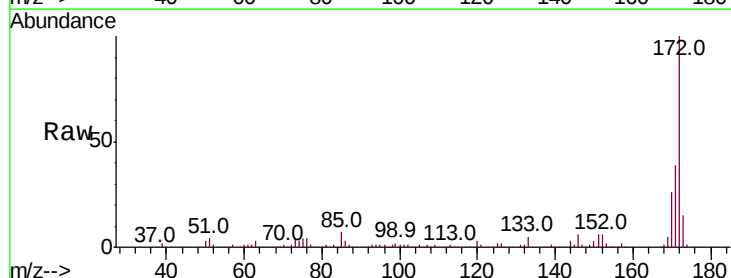
Tgt Ion:172 Resp: 965055

Ion Ratio Lower Upper

172 100

171 38.9 31.0 46.4

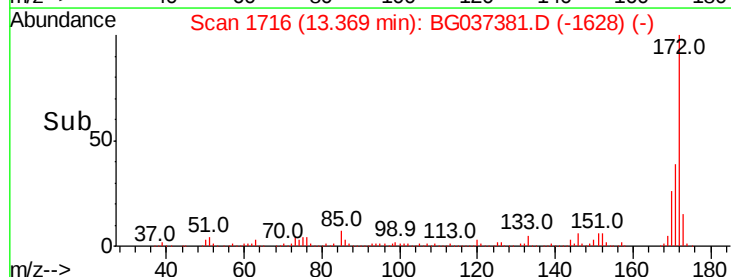
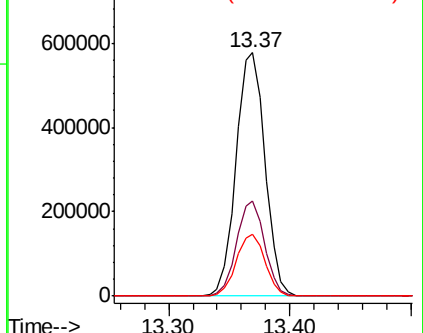
170 25.5 20.2 30.2

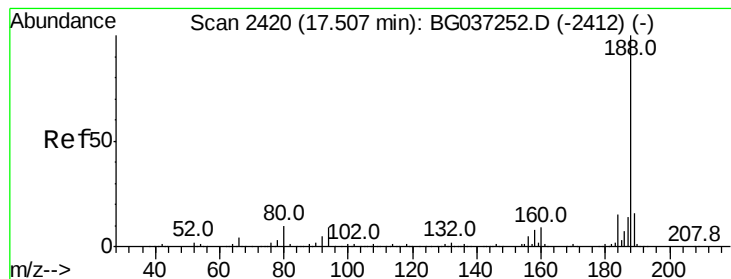


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037381.D

Acq: 17 Oct 2018 8:15

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-C

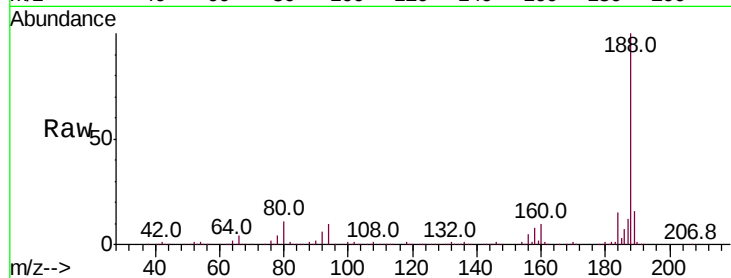
Tot Ion:188 Resp: 516759

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

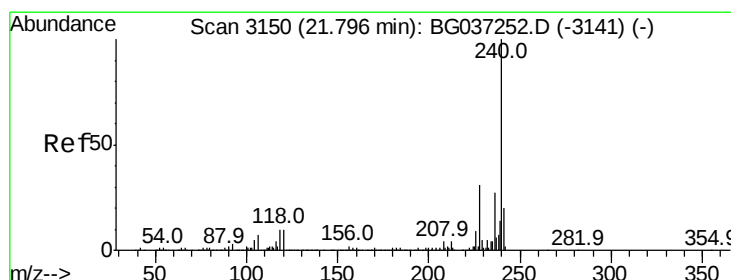
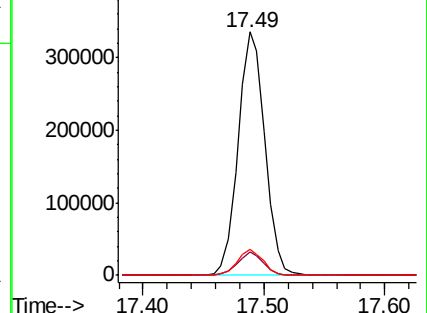
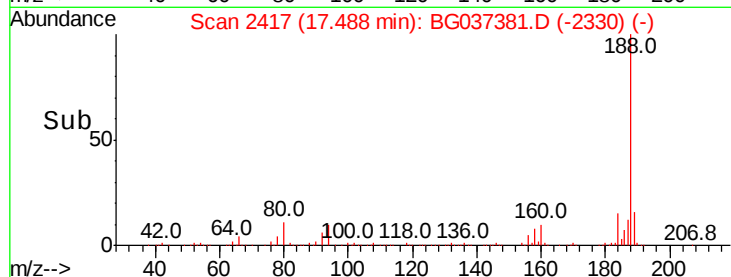
80 10.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037381.D

Acq: 17 Oct 2018 8:15

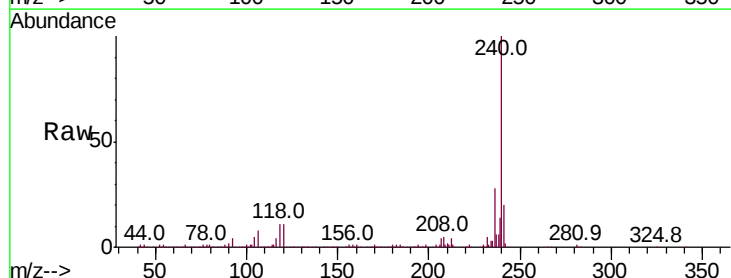
Tgt Ion:240 Resp: 496454

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

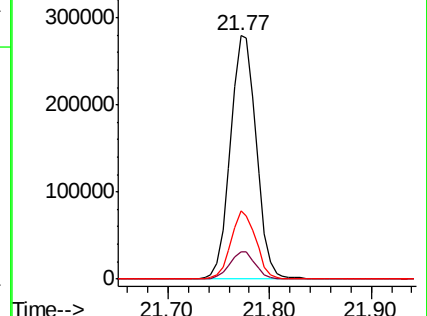
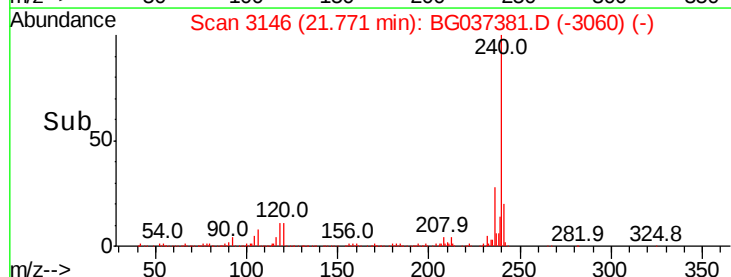
236 27.9 21.4 32.0

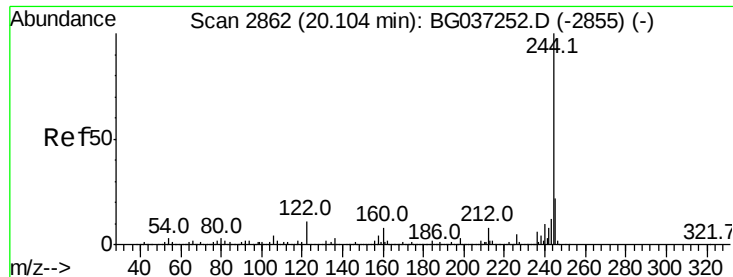


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.879 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037381.D

Acq: 17 Oct 2018 8:15

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CL-02-101218-C

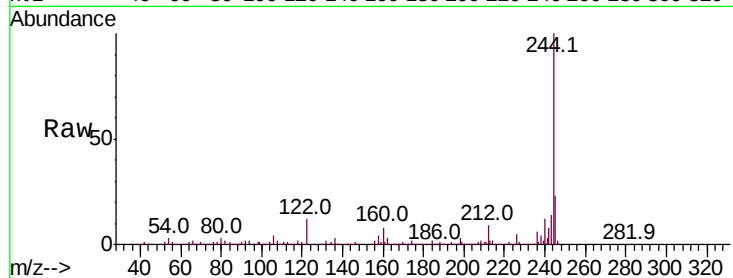
Tot Ion:244 Resp: 1533973

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

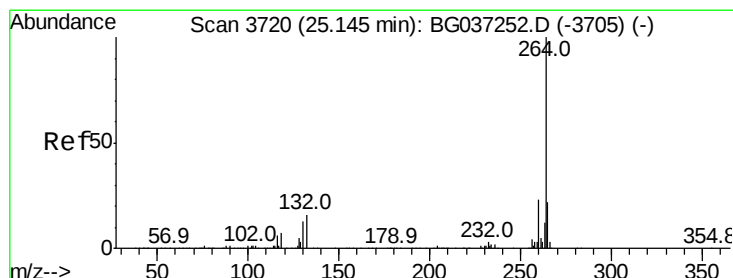
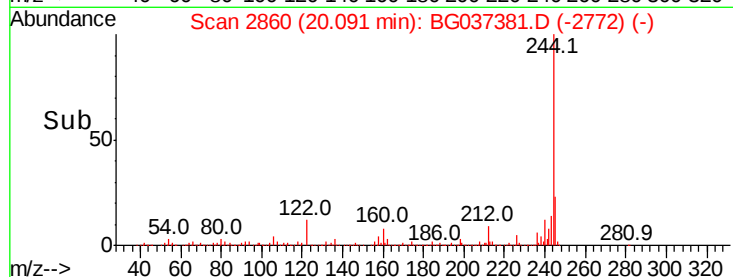
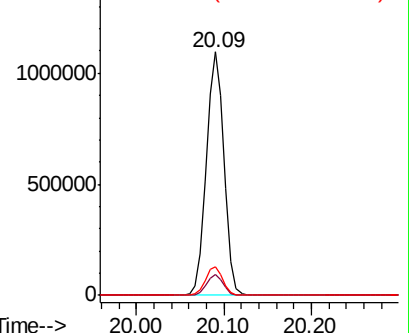
122 11.7 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037381.D

Acq: 17 Oct 2018 8:15

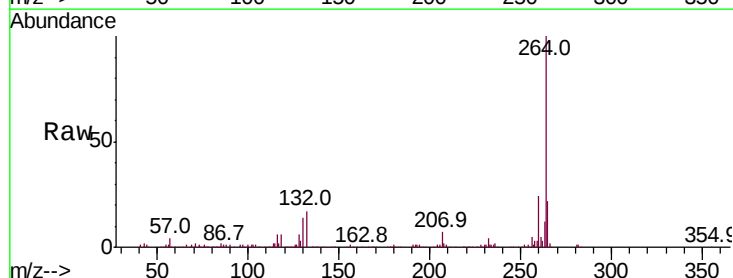
Tgt Ion:264 Resp: 485956

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 21.8 17.9 26.9



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

