

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037599.D
 Acq On : 27 Oct 2018 2:59
 Operator : JU/SJ
 Sample : J5683-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-SAMPLE

Quant Time: Oct 27 04:10:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51244	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	221264	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	145345	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	364570	20.00	ng	0.00
76) Chrysene-d12	21.76	240	343836	20.00	ng	-0.01
87) Perylene-d12	25.10	264	237166	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	355918	116.12	ng	0.00
7) Phenol-d6	7.24	99	466856	100.73	ng	0.00
23) Nitrobenzene-d5	9.28	82	335659	84.98	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	194836	122.90	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	800633	83.07	ng	0.00
79) Terphenyl-d14	20.08	244	1305884	81.15	ng	0.00

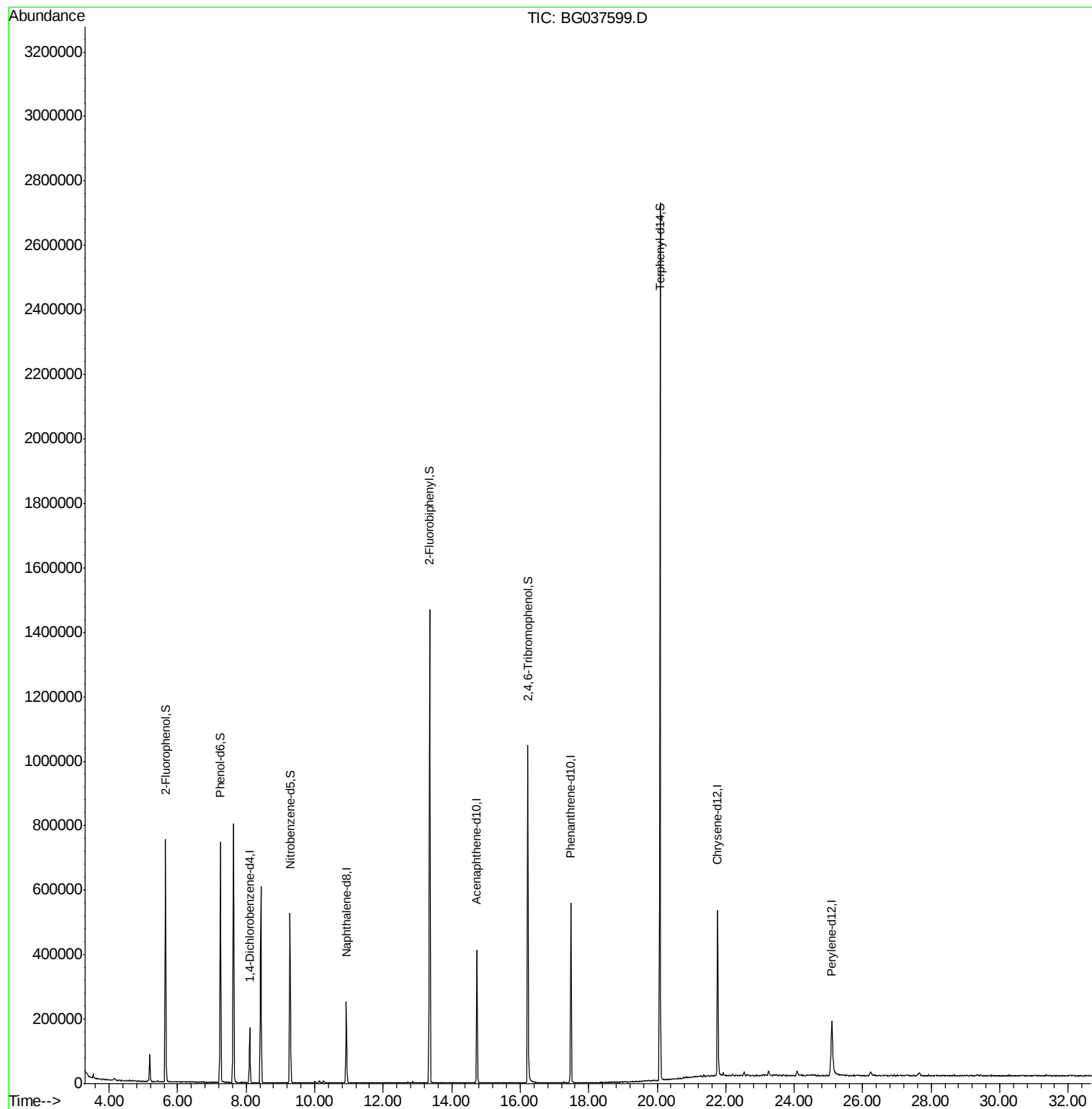
Target Compounds Qvalue

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

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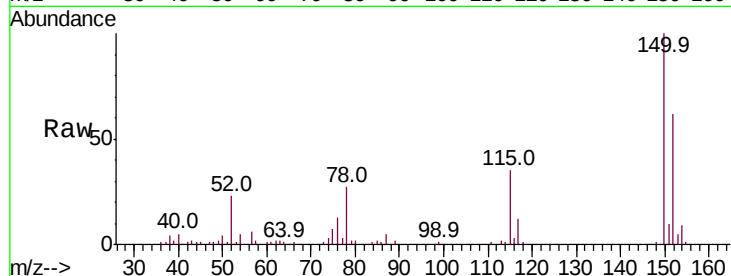




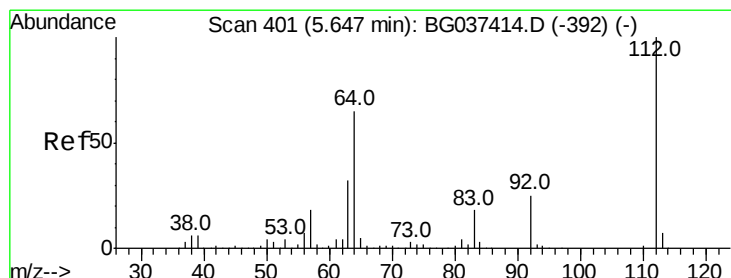
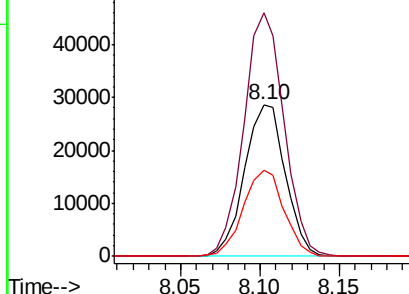
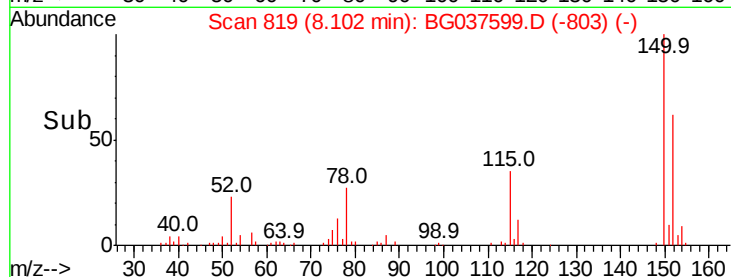
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037599.D
 Acq: 27 Oct 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :
 SP-SAMPLE

Tot Ion:152 Resp: 51244
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.0 189.0
 115 56.7 45.5 68.3

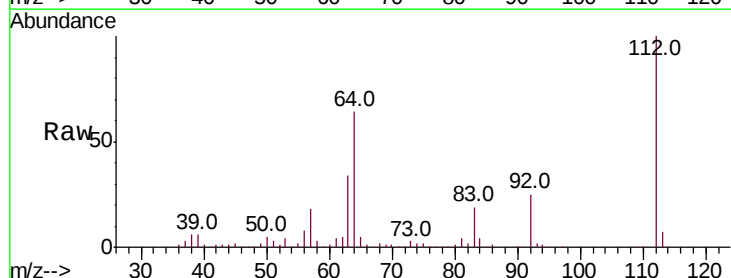


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

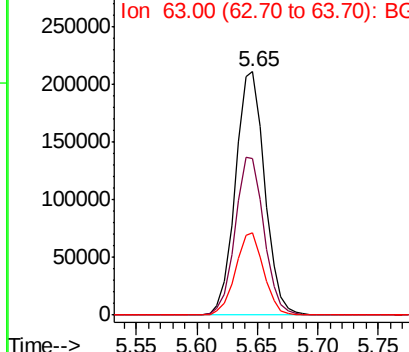
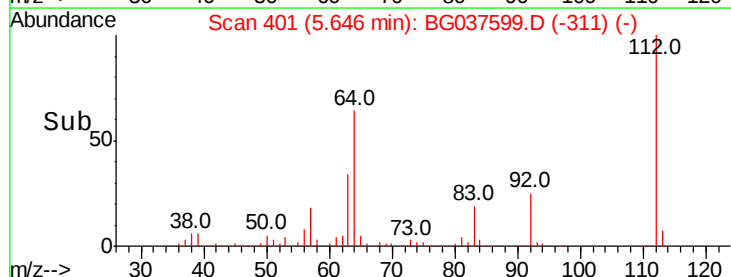


#5
 2-Fluorophenol
 Concen: 116.119 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037599.D
 Acq: 27 Oct 2018 2:59

Tgt Ion:112 Resp: 355918
 Ion Ratio Lower Upper
 112 100
 64 64.3 53.1 79.7
 63 33.6 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: 100.728 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

SP-SAMPLE

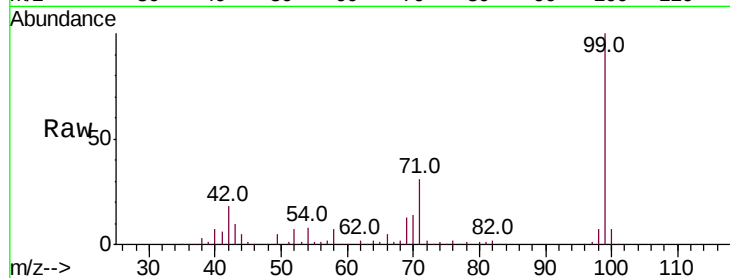
Tot Ion: 99 Resp: 466856

Ion Ratio Lower Upper

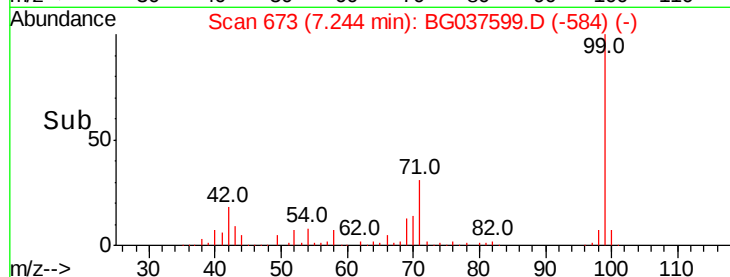
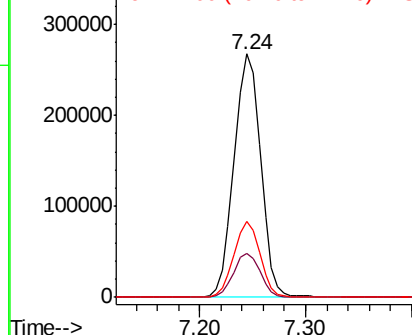
99 100

42 18.0 15.0 22.4

71 30.9 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Tgt Ion: 136 Resp: 221264

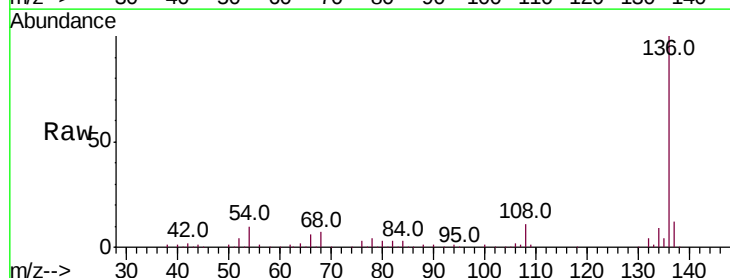
Ion Ratio Lower Upper

136 100

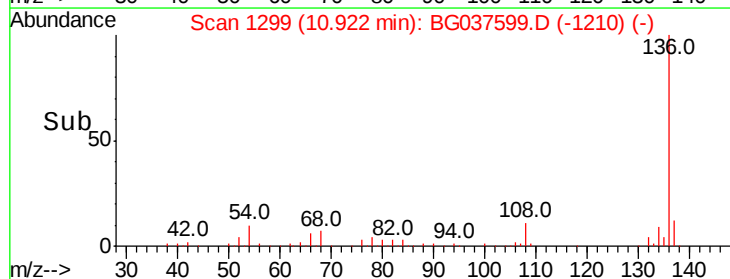
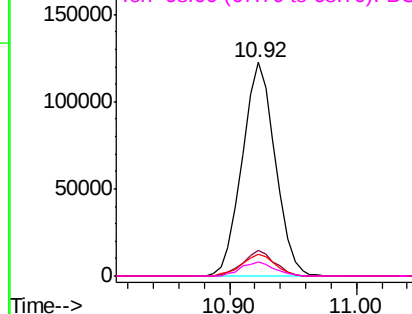
137 11.7 9.6 14.4

54 10.3 7.9 11.9

68 6.7 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

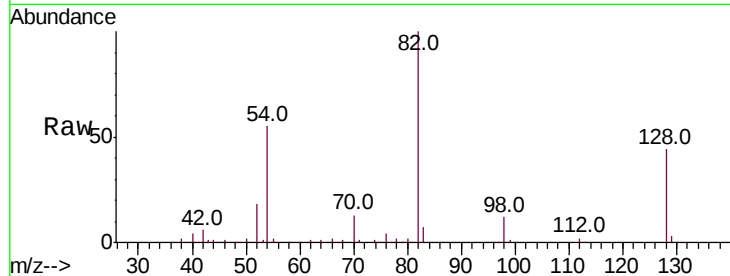




#23
Nitrobenzene-d5
Concen: 84.981 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Instrument :
BNA_G
ClientSampleId :
SP-SAMPLE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	54.7	45.3	67.9

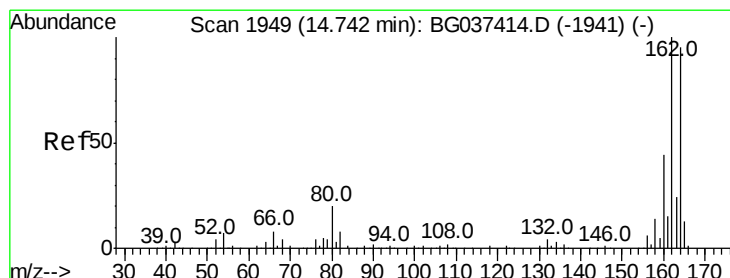
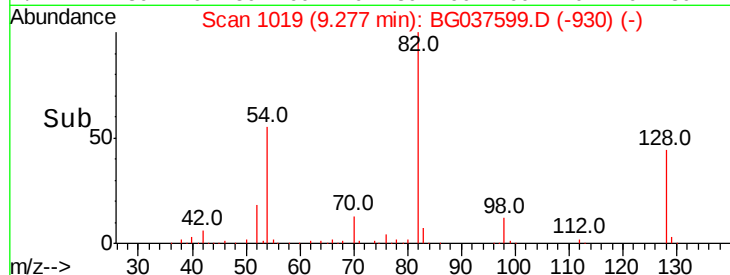
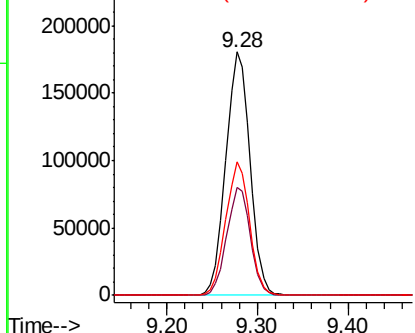


Abundance

Ion 82.00 (81.70 to 82.70): BGC

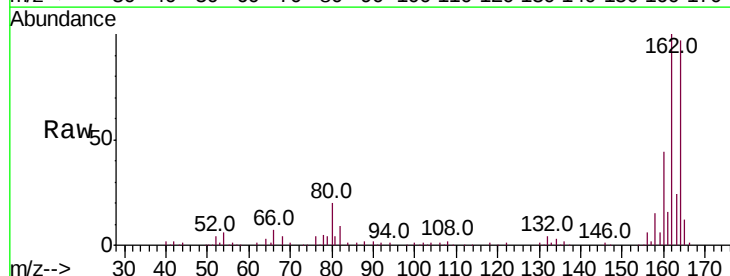
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037599.D
Acq: 27 Oct 2018 2:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.3	121.9
160	45.5	36.3	54.5

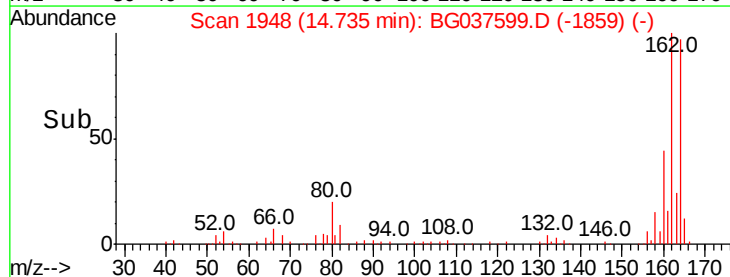
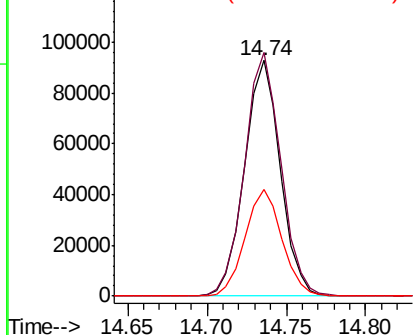


Abundance

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: 122.905 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Instrument :

BNA_G

ClientSampleId :

SP-SAMPLE

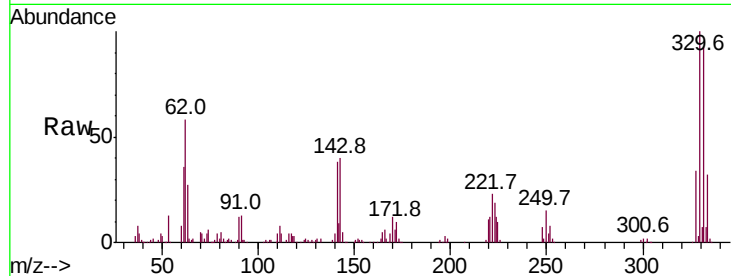
Tot Ion:330 Resp: 194836

Ion Ratio Lower Upper

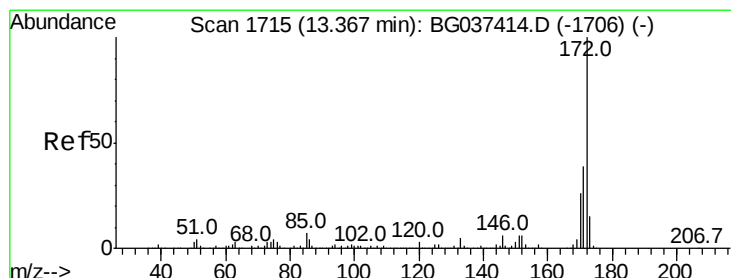
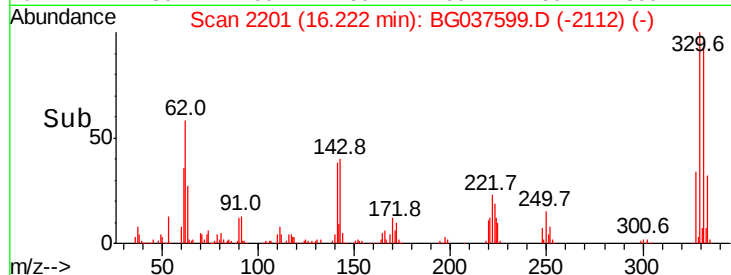
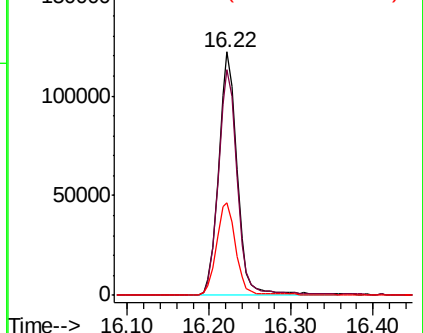
330 100

332 93.8 78.4 117.6

141 39.7 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: 83.065 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

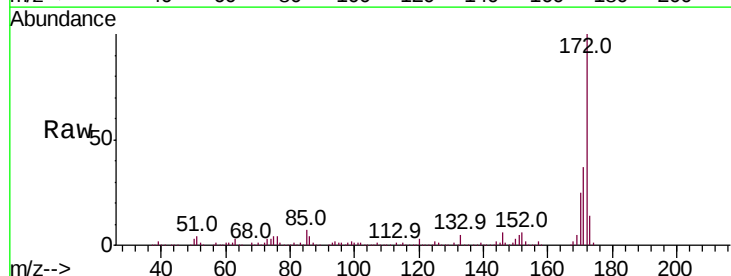
Tgt Ion:172 Resp: 800633

Ion Ratio Lower Upper

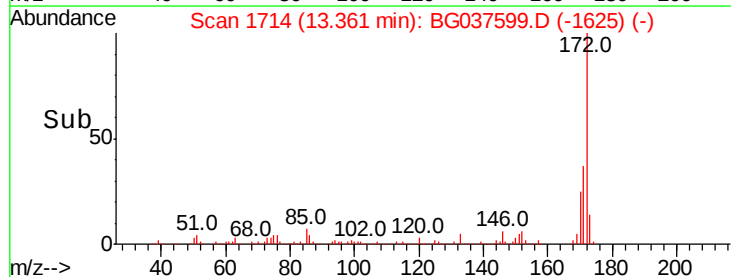
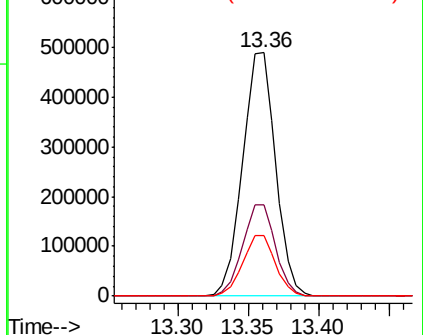
172 100

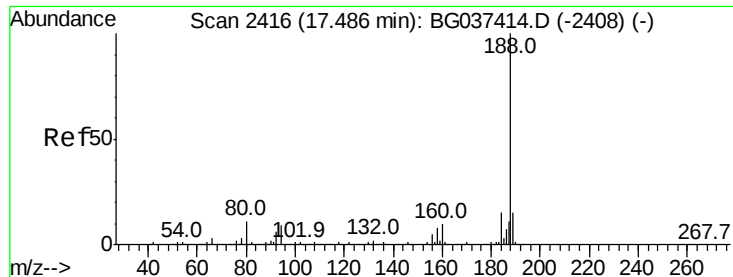
171 37.4 31.0 46.4

170 24.7 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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Instrument :

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ClientSampleId :

SP-SAMPLE

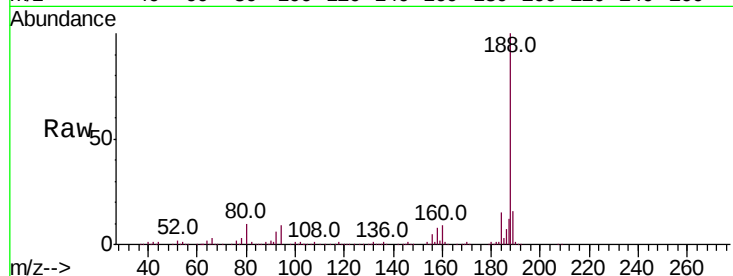
Tot Ion:188 Resp: 364570

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

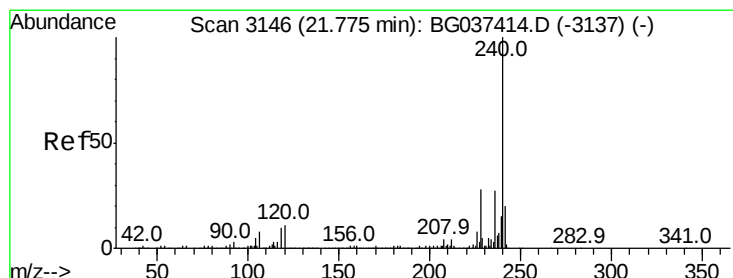
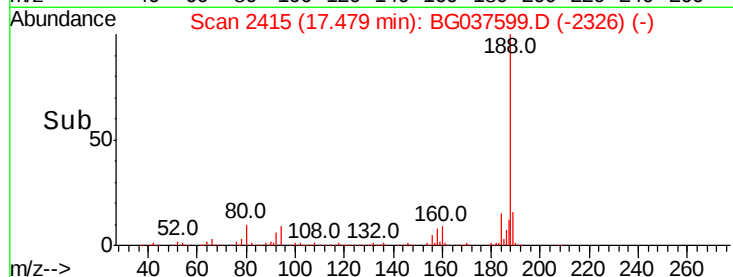
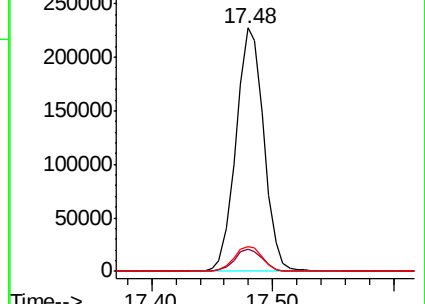
80 10.3 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

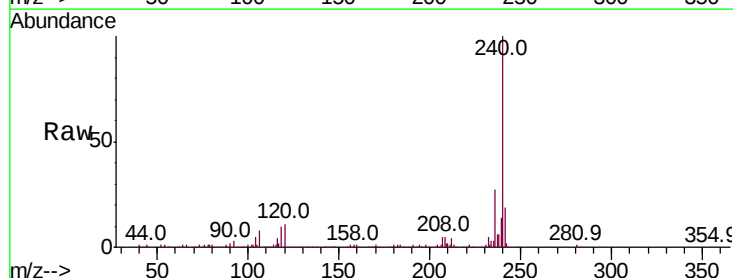
Tgt Ion:240 Resp: 343836

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

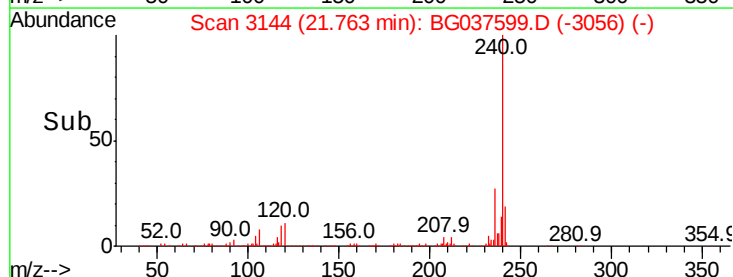
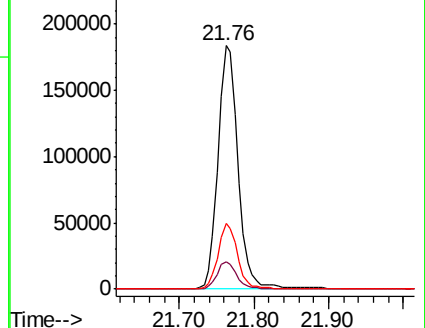
236 27.2 21.4 32.0



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: 81.154 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Instrument :

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ClientSampleId :

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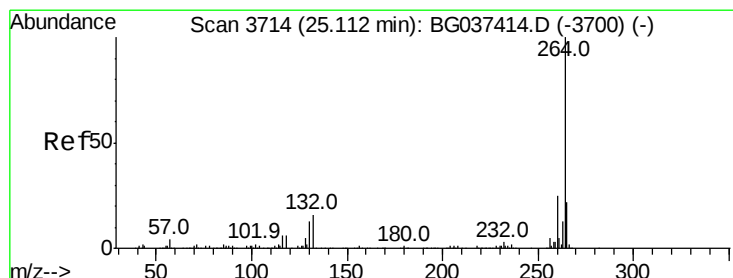
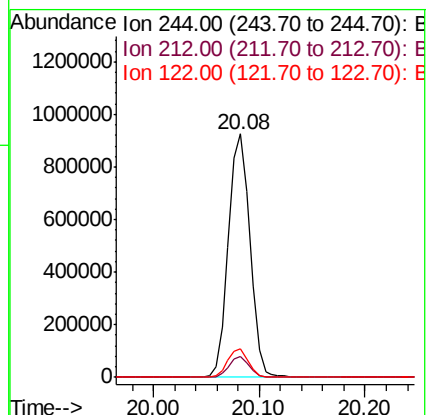
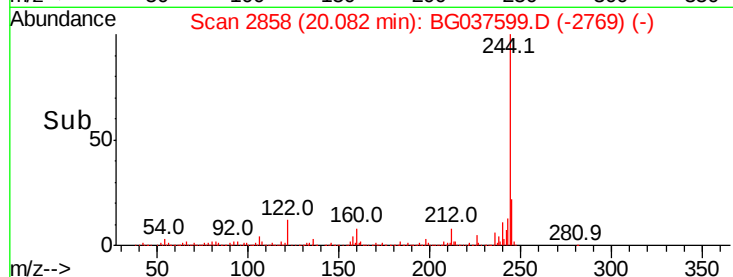
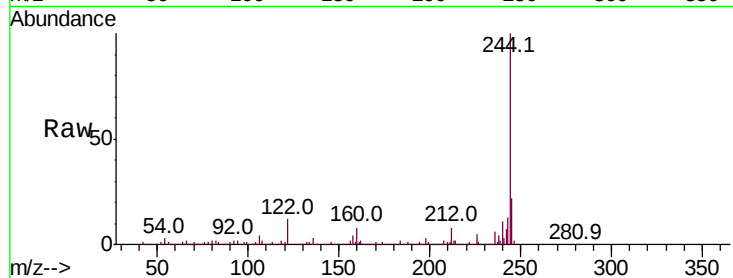
Tot Ion:244 Resp: 1305884

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 11.5 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037599.D

Acq: 27 Oct 2018 2:59

Tgt Ion:264 Resp: 237166

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 22.3 17.9 26.9

