

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037777.D
 Acq On : 3 Nov 2018 5:49
 Operator : JU/SJ
 Sample : J5759-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Nov 03 05:57:28 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	58988	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	257992	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	170968	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	377602	20.00	ng	0.00
76) Chrysene-d12	21.76	240	346203	20.00	ng	-0.01
87) Perylene-d12	25.10	264	298417	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	380250	107.77	ng	0.00
7) Phenol-d6	7.24	99	496266	93.02	ng	0.00
23) Nitrobenzene-d5	9.28	82	376991	81.86	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	194285	104.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	933305	82.32	ng	-0.01
79) Terphenyl-d14	20.08	244	1330443	82.11	ng	-0.01

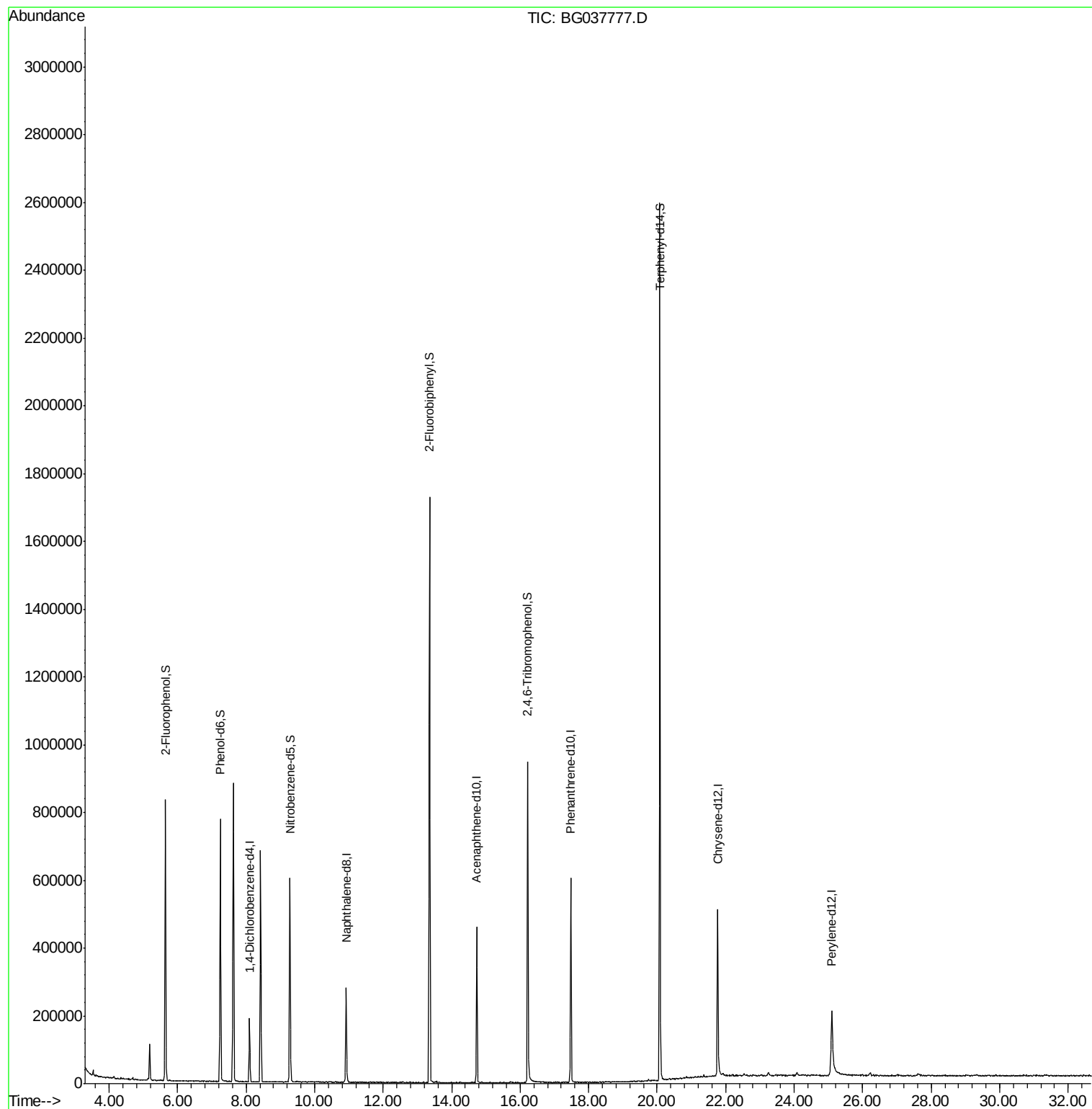
Target Compounds Qvalue

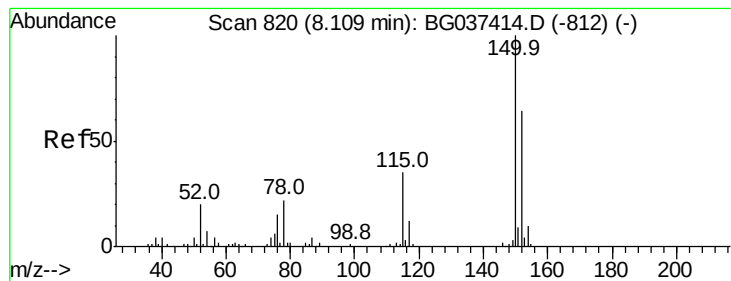
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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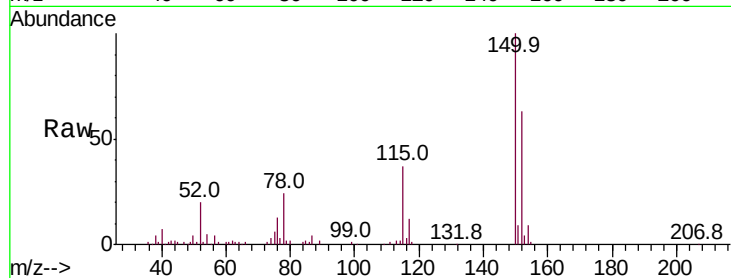


#1

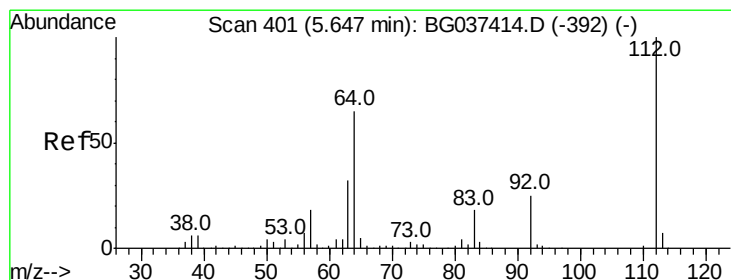
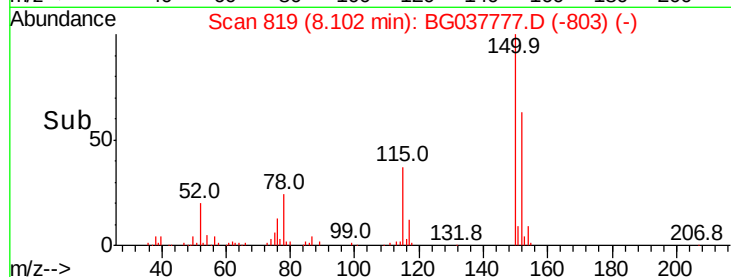
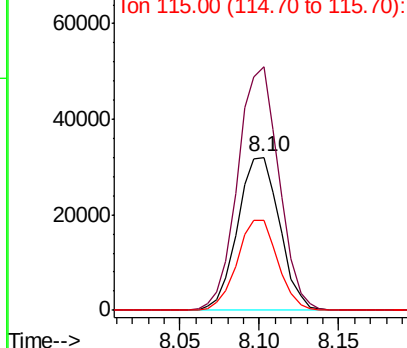
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 58988
Ion Ratio Lower Upper
152 100
150 159.3 126.0 189.0
115 58.9 45.5 68.3



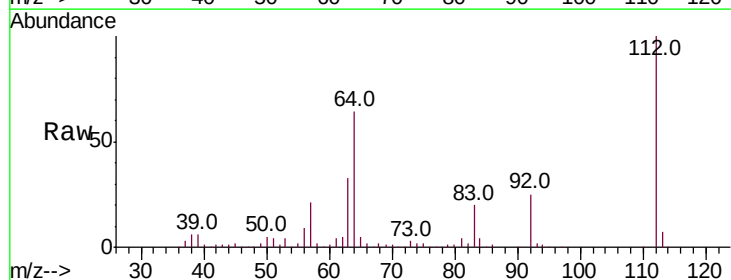
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



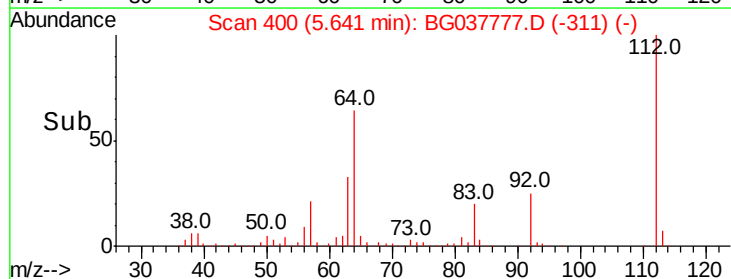
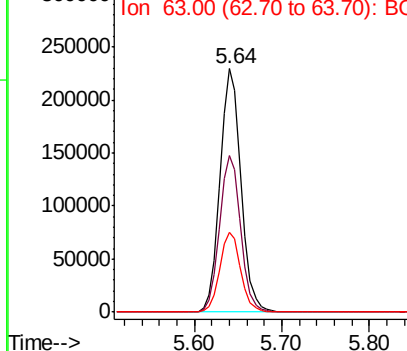
#5

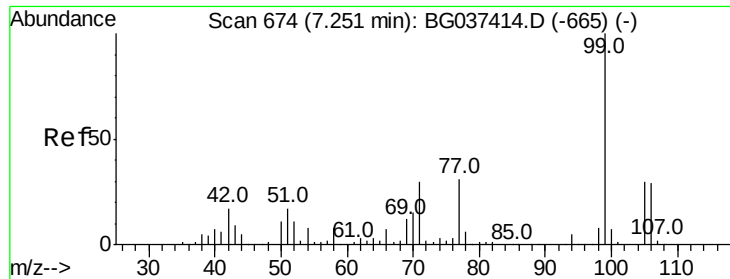
2-Fluorophenol
Concen: 107.771 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

Tgt Ion:112 Resp: 380250
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 33.0 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: 93.017 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

Instrument :

BNA_G

ClientSampled :

TP-5

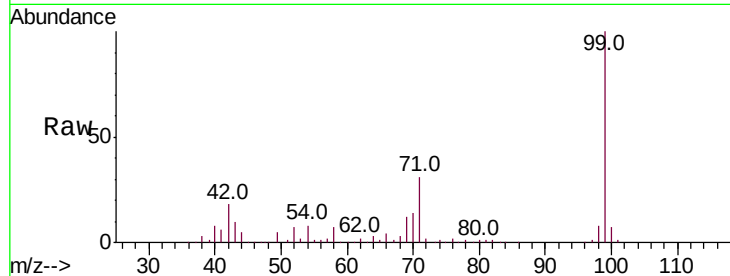
Tot Ion: 99 Resp: 496266

Ion Ratio Lower Upper

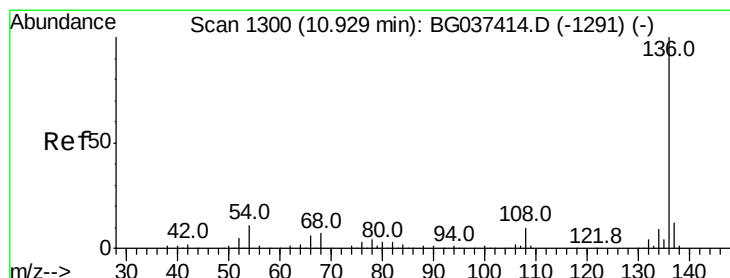
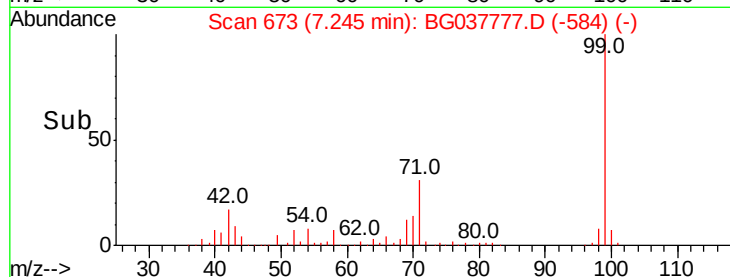
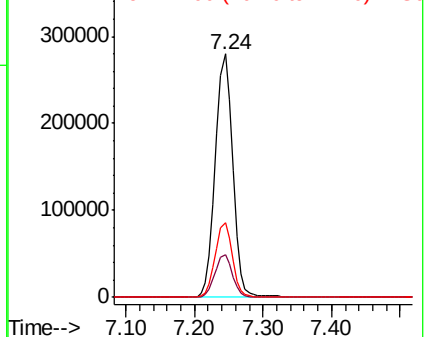
99 100

42 17.5 15.0 22.4

71 30.6 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: BG037777.D

Acq: 3 Nov 2018 5:49

Tgt Ion: 136 Resp: 257992

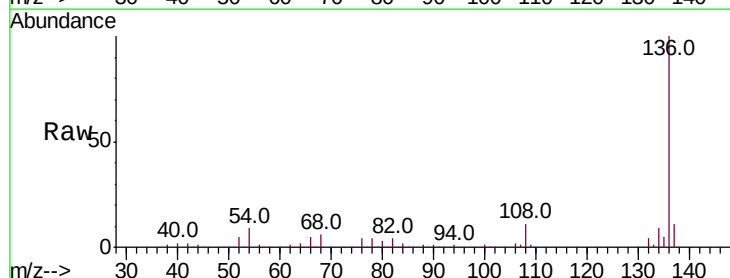
Ion Ratio Lower Upper

136 100

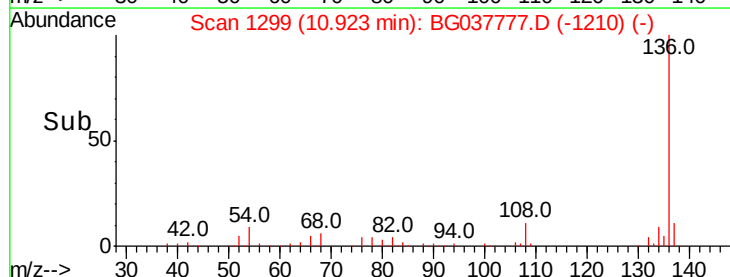
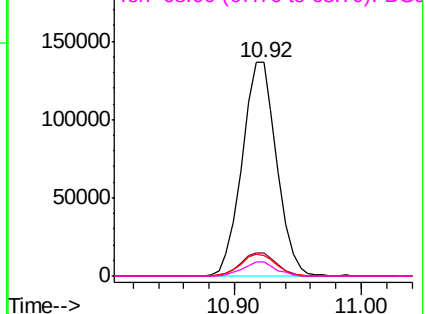
137 11.1 9.6 14.4

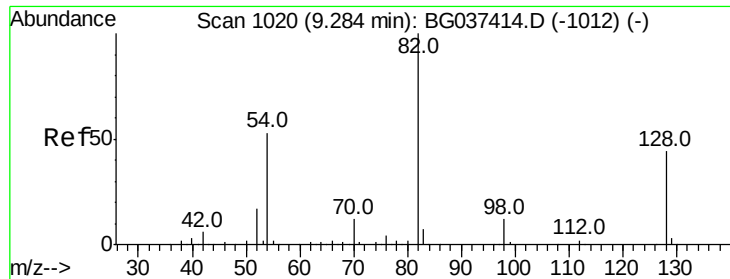
54 9.4 7.9 11.9

68 6.3 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: 81.858 ng

RT: 9.28 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

Instrument :

BNA_G

ClientSampled :

TP-5

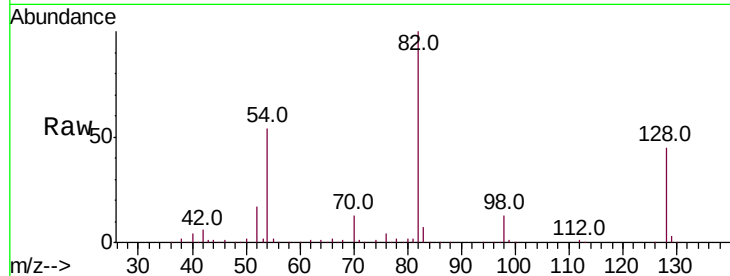
Tot Ion: 82 Resp: 376991

Ion Ratio Lower Upper

82 100

128 44.9 34.6 51.8

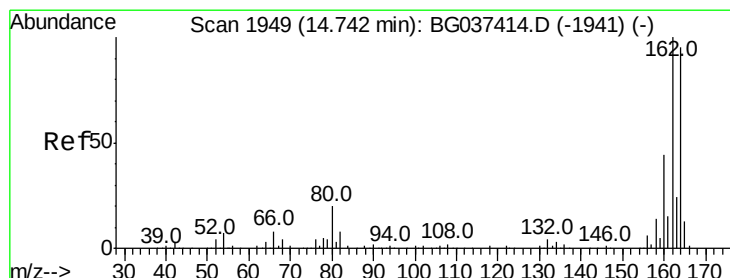
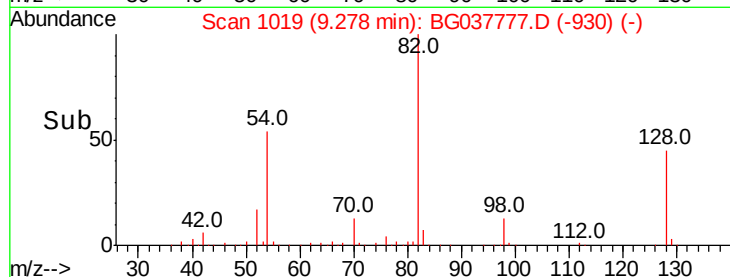
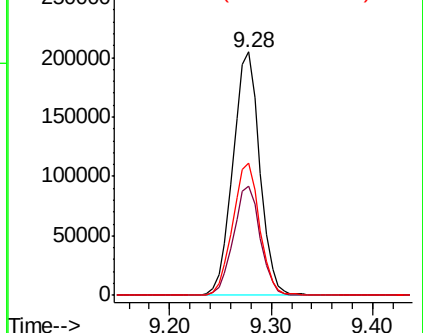
54 54.2 45.3 67.9



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: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

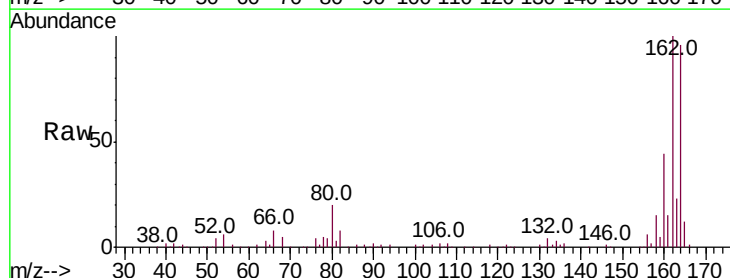
Tgt Ion: 164 Resp: 170968

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

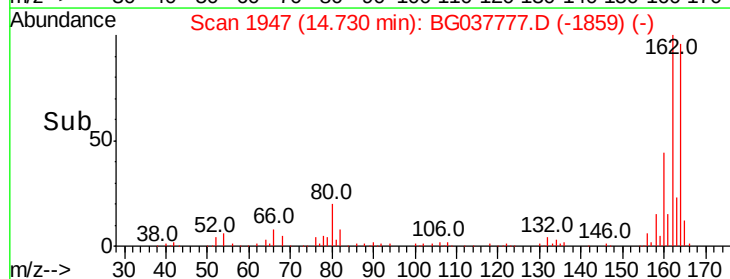
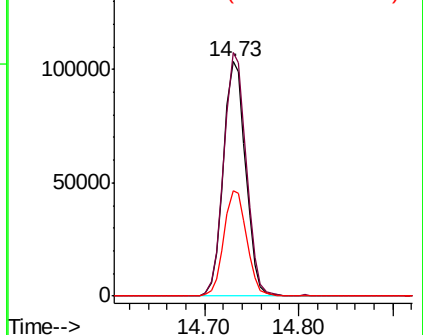
160 45.2 36.3 54.5

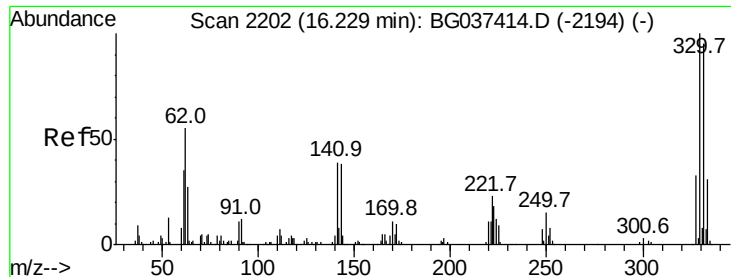


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 104.189 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

Instrument :

BNA_G

ClientSampled :

TP-5

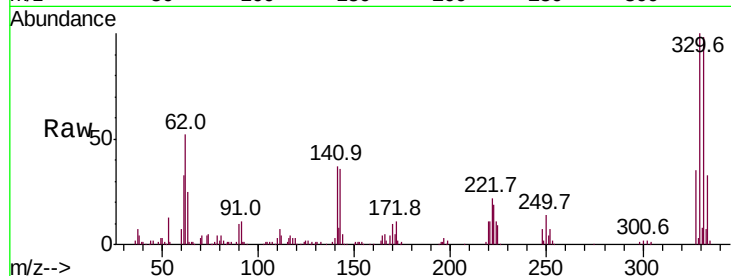
Tot Ion:330 Resp: 194285

Ion Ratio Lower Upper

330 100

332 97.3 78.4 117.6

141 37.9 32.2 48.2

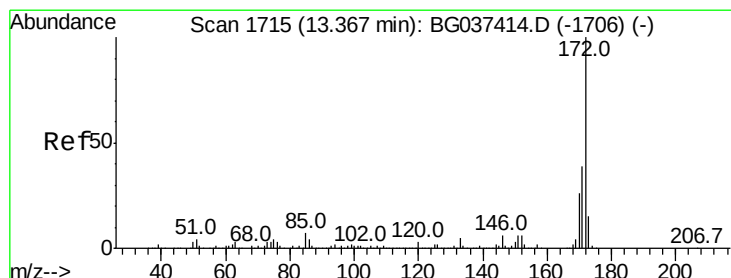
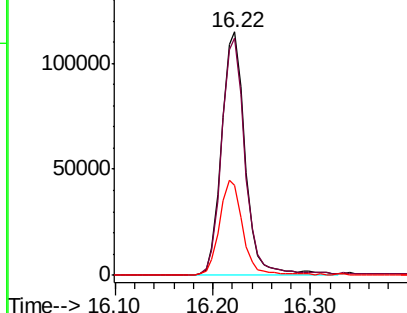
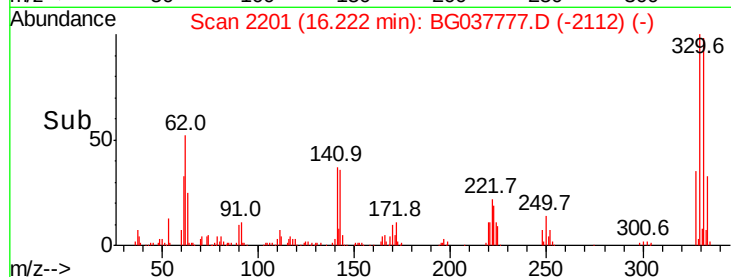


Abundance

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: 82.318 ng

RT: 13.36 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

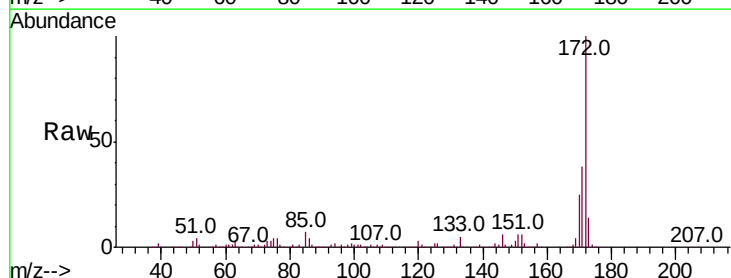
Tgt Ion:172 Resp: 933305

Ion Ratio Lower Upper

172 100

171 38.1 31.0 46.4

170 25.1 20.2 30.2

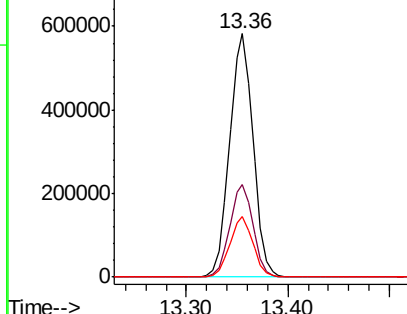
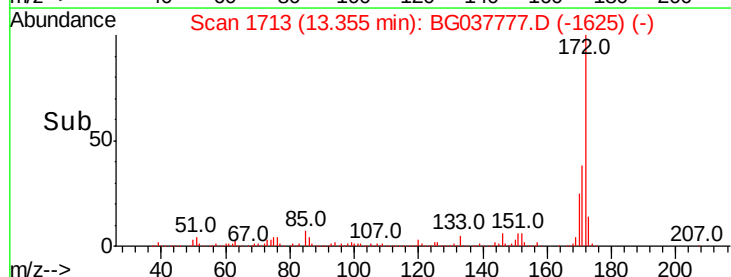


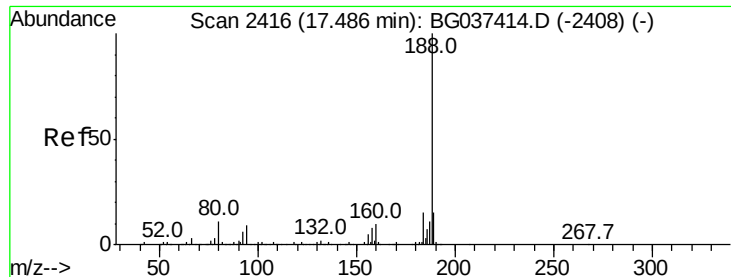
Abundance

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

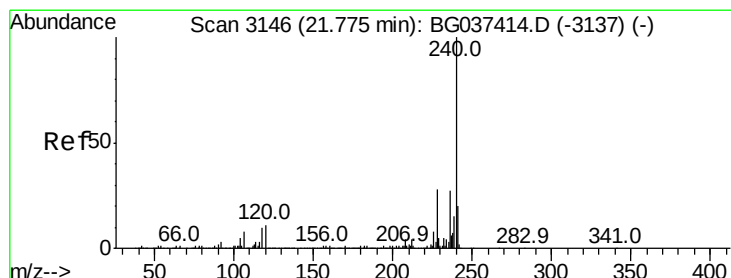
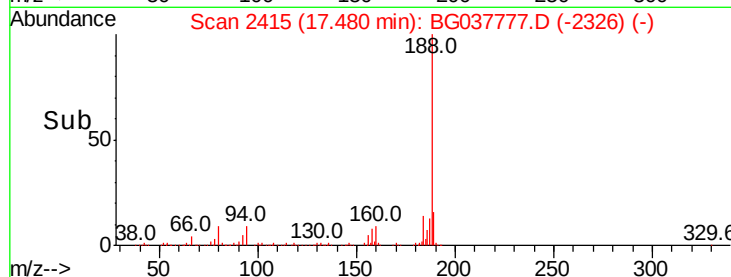
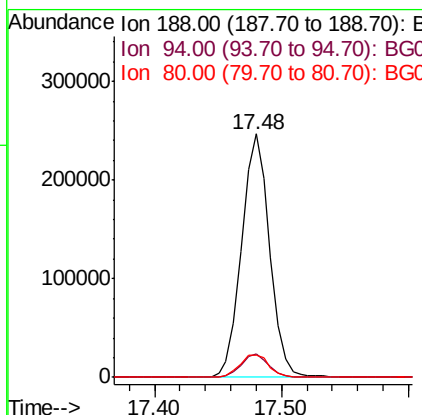
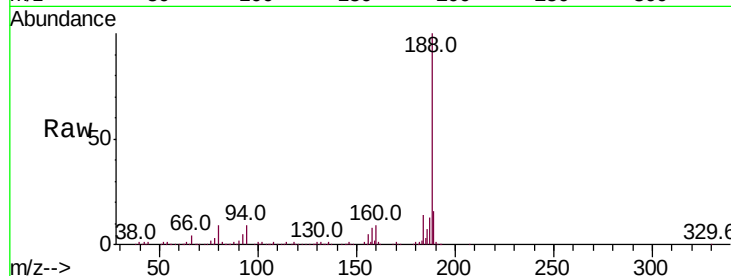




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

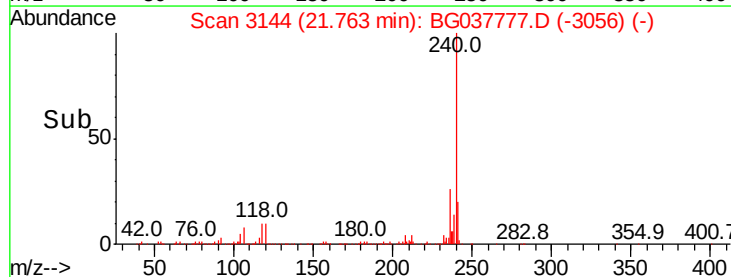
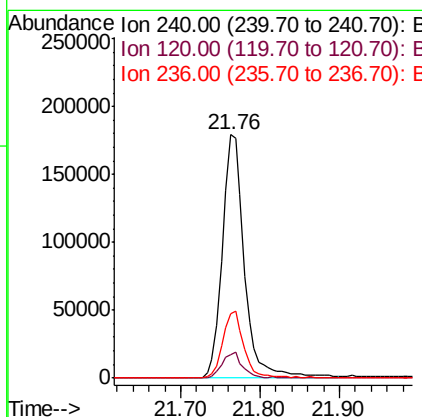
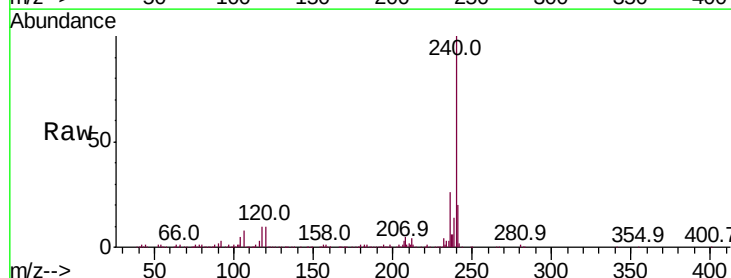
Instrument :
BNA_G
ClientSampleId :
TP-5

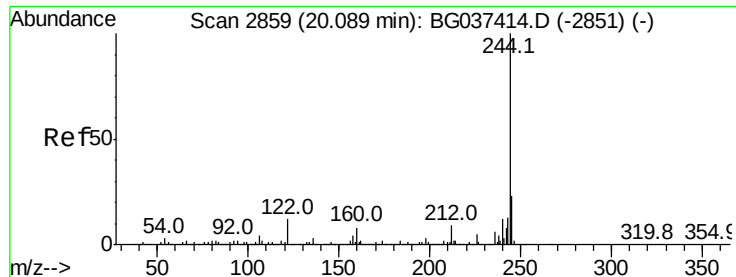
Tot Ion:188 Resp: 377602
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037777.D
Acq: 3 Nov 2018 5:49

Tgt Ion:240 Resp: 346203
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 82.115 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

Instrument :

BNA_G

ClientSampleId :

TP-5

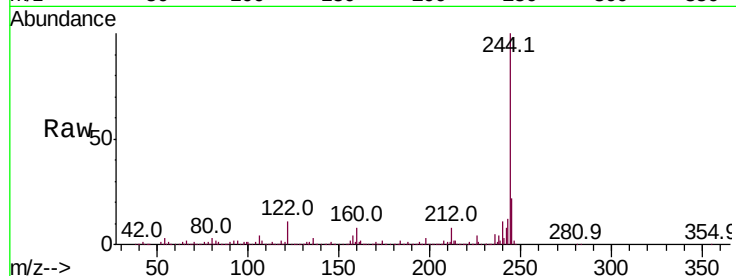
Tot Ion:244 Resp: 1330443

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

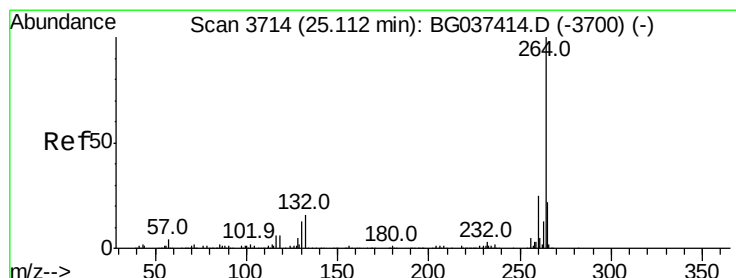
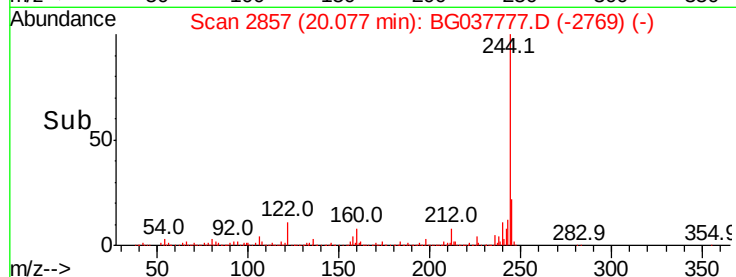
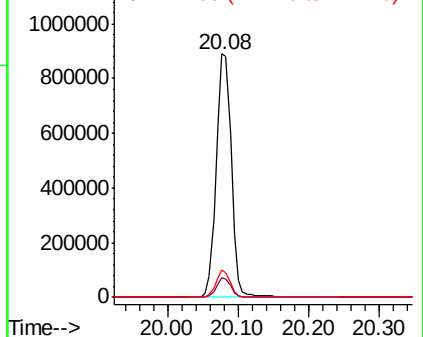
122 11.3 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037777.D

Acq: 3 Nov 2018 5:49

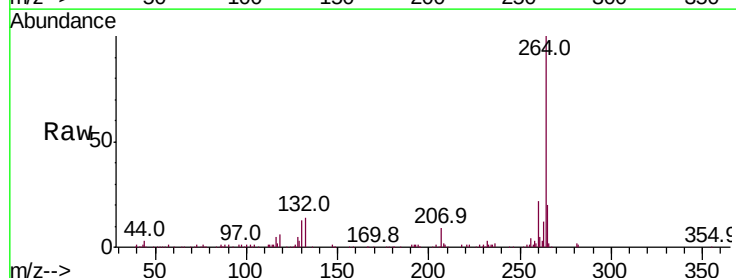
Tgt Ion:264 Resp: 298417

Ion Ratio Lower Upper

264 100

260 21.7 18.2 27.4

265 19.8 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

