

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037778.D
 Acq On : 3 Nov 2018 6:29
 Operator : JU/SJ
 Sample : J5759-24
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Nov 05 04:33:11 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

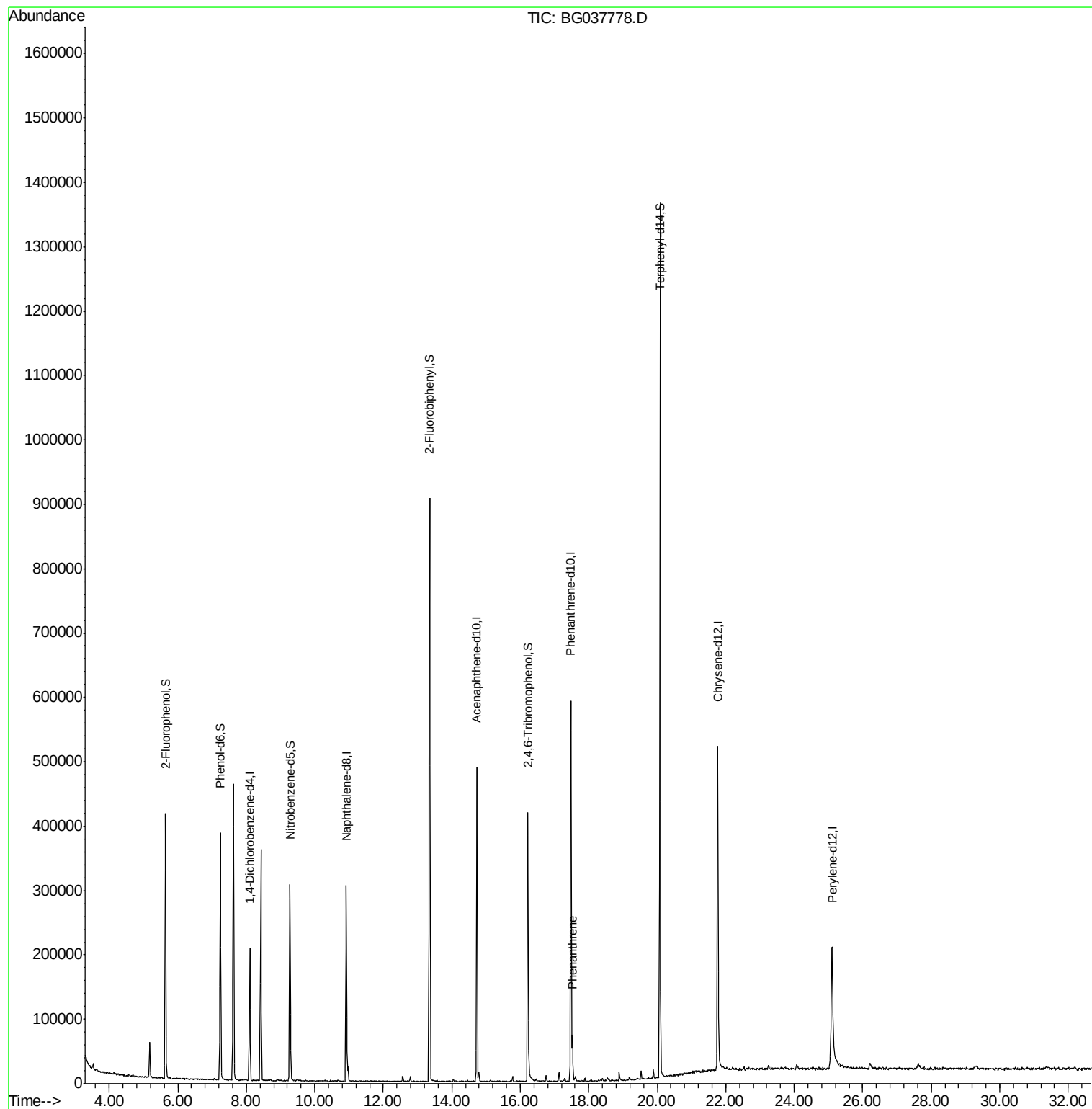
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	62074	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	271388	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178269	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	385243	20.00	ng	0.00
76) Chrysene-d12	21.77	240	352632	20.00	ng	0.00
87) Perylene-d12	25.10	264	305193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	194309	52.33	ng	0.00
7) Phenol-d6	7.24	99	249500	44.44	ng	0.00
23) Nitrobenzene-d5	9.27	82	196785	40.62	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	84851	43.64	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	502303	42.49	ng	-0.01
79) Terphenyl-d14	20.08	244	711806	43.13	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.52	178	47045	2.403	ng	99

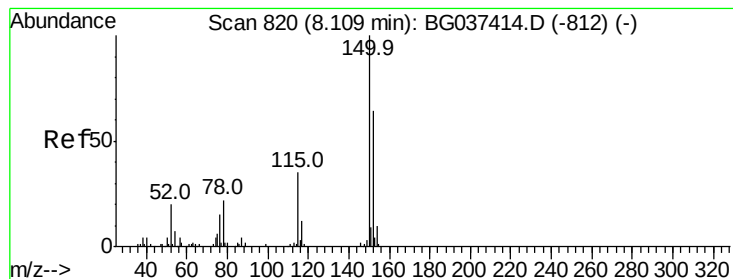
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037778.D
Acq On : 3 Nov 2018 6:29
Operator : JU/SJ
Sample : J5759-24
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

Quant Time: Nov 05 04:33:11 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037778.D

Acq: 3 Nov 2018 6:29

Instrument :

BNA_G

ClientSampleId :

TP-6

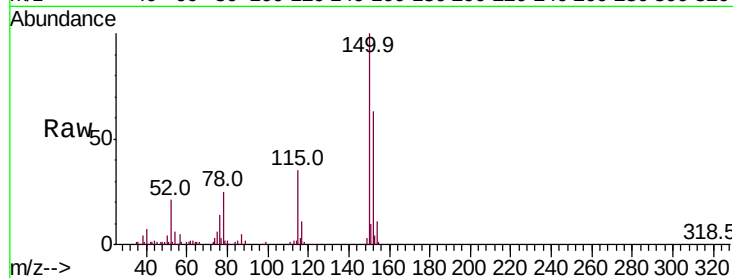
Tot Ion:152 Resp: 62074

Ion Ratio Lower Upper

152 100

150 159.5 126.0 189.0

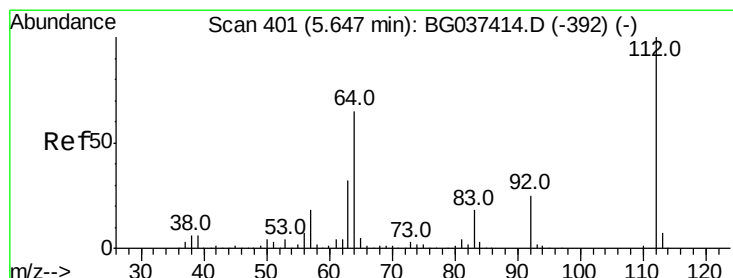
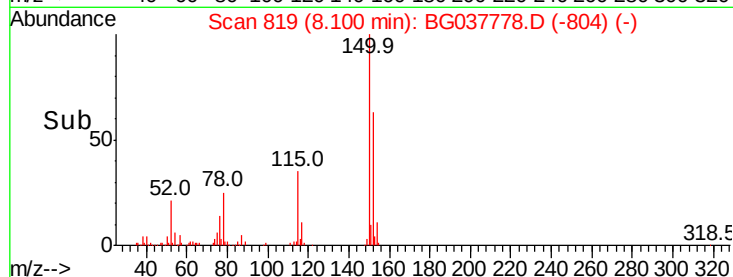
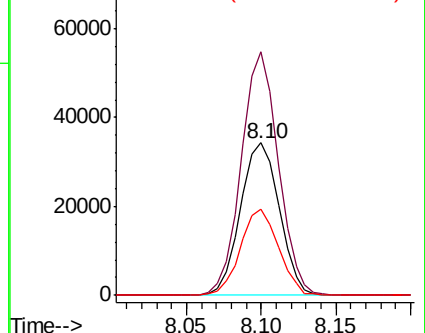
115 56.6 45.5 68.3



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: 52.334 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037778.D

Acq: 3 Nov 2018 6:29

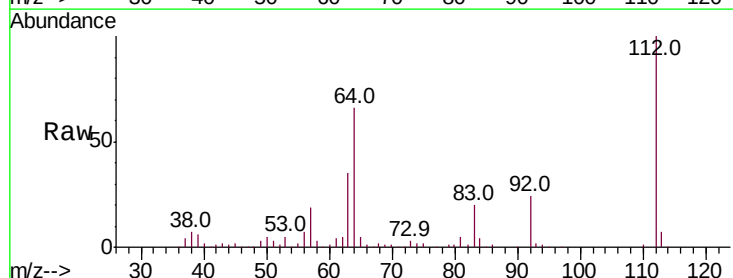
Tgt Ion:112 Resp: 194309

Ion Ratio Lower Upper

112 100

64 65.5 53.1 79.7

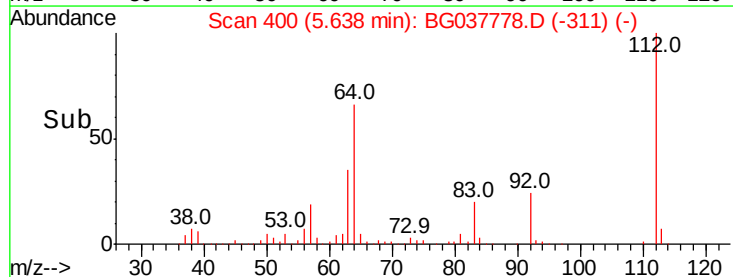
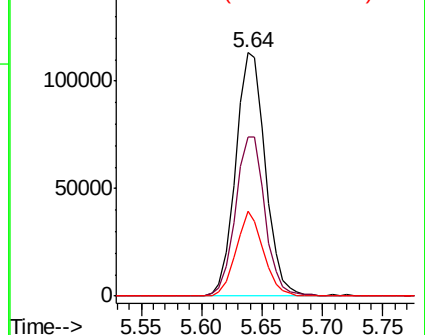
63 34.6 27.3 40.9

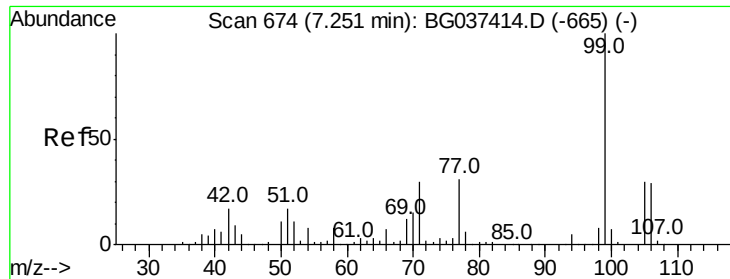


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 44.440 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037778.D

Acq: 3 Nov 2018 6:29

Instrument :

BNA_G

ClientSampleId :

TP-6

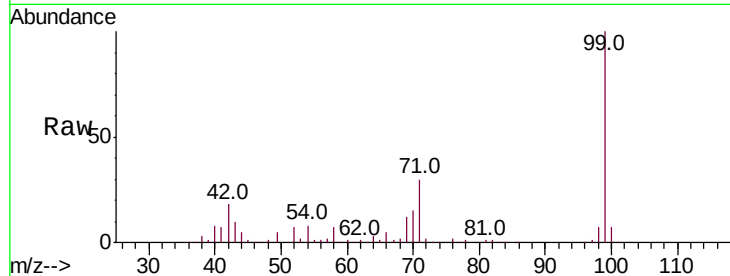
Tot Ion: 99 Resp: 249500

Ion Ratio Lower Upper

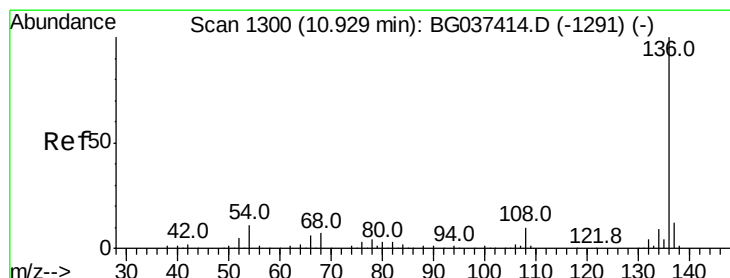
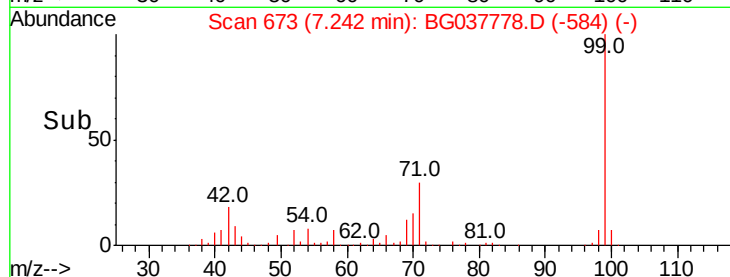
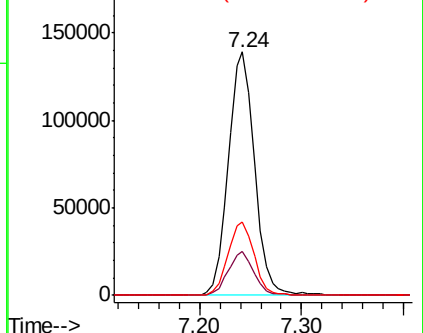
99 100

42 18.0 15.0 22.4

71 30.2 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: BG037778.D

Acq: 3 Nov 2018 6:29

Tgt Ion: 136 Resp: 271388

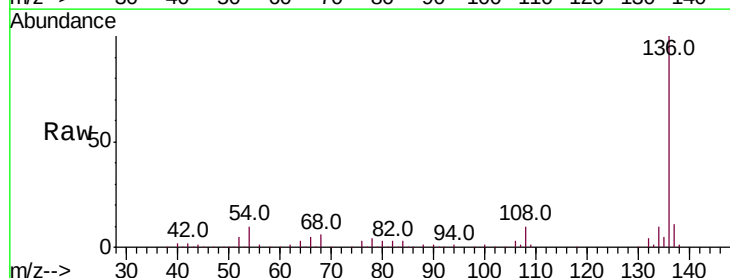
Ion Ratio Lower Upper

136 100

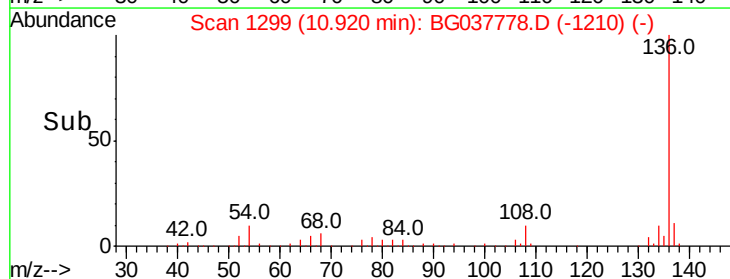
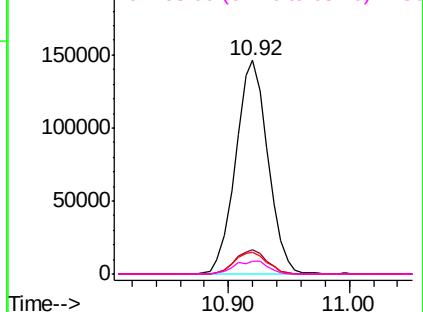
137 11.2 9.6 14.4

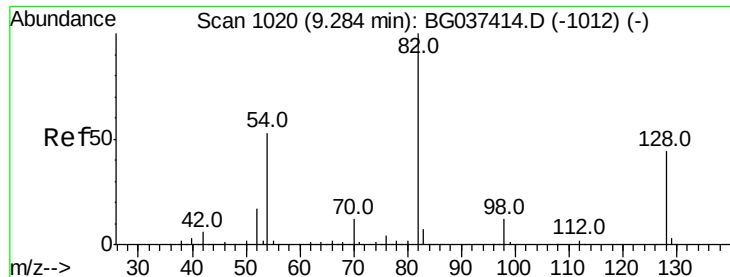
54 10.2 7.9 11.9

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

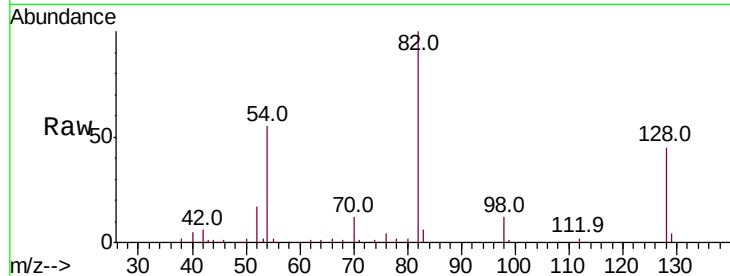




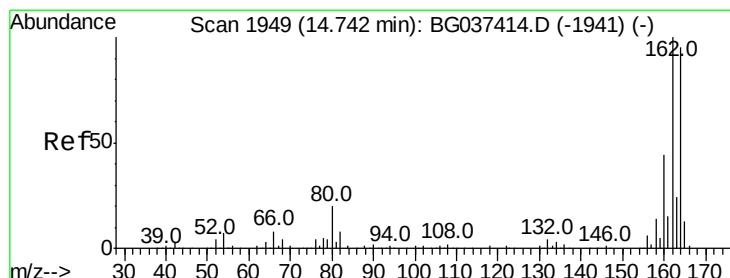
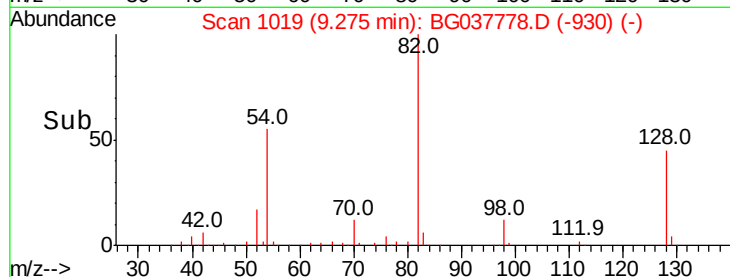
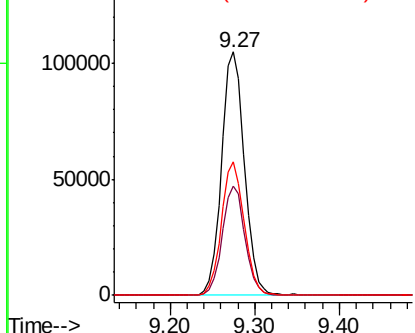
#23
Nitrobenzene-d5
Concen: 40.620 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	55.0	45.3	67.9

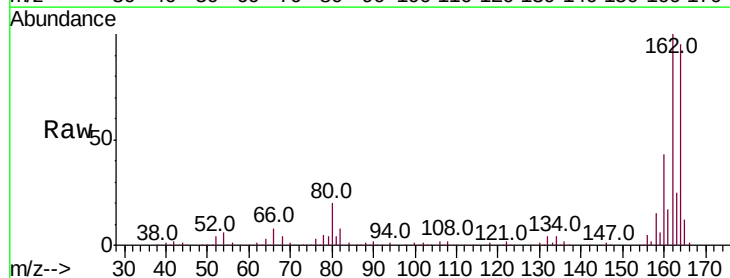


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

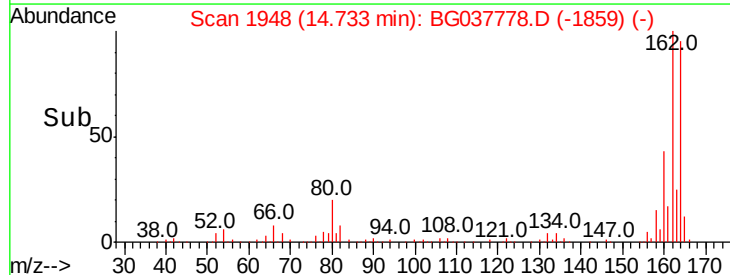
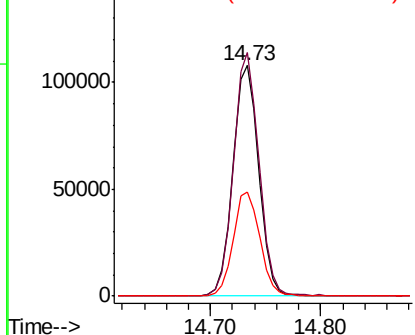


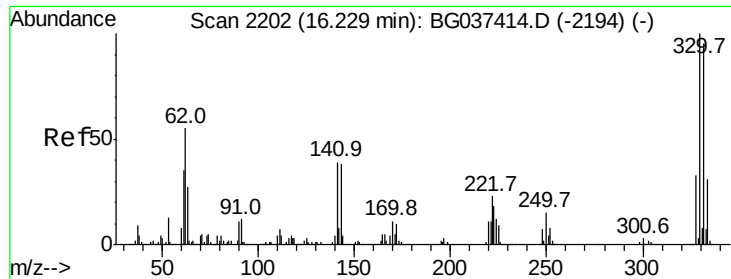
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	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

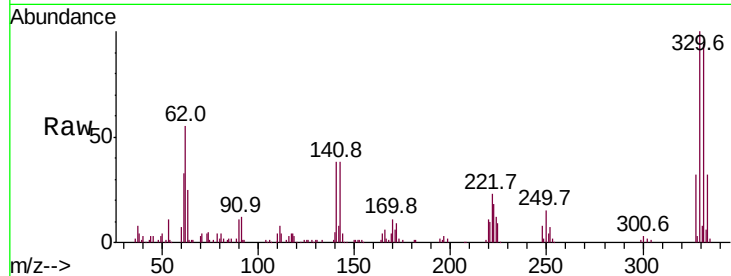




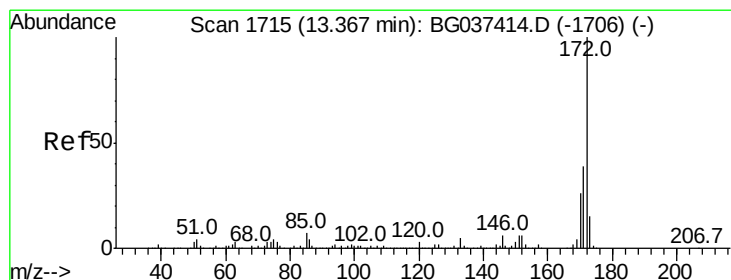
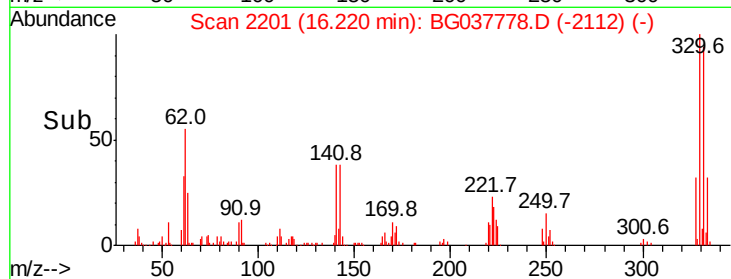
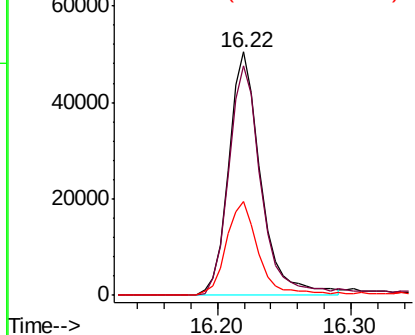
#42
 2,4,6-Tribromophenol
 Concen: 43.640 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037778.D
 Acq: 3 Nov 2018 6:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tot Ion:330 Resp: 84851
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.4 117.6
 141 39.0 32.2 48.2

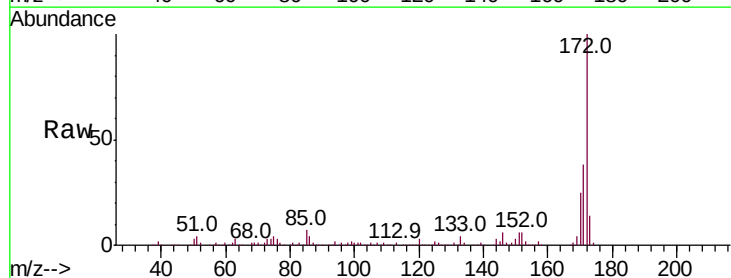


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

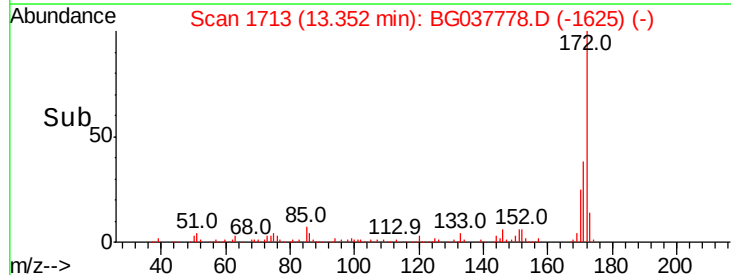
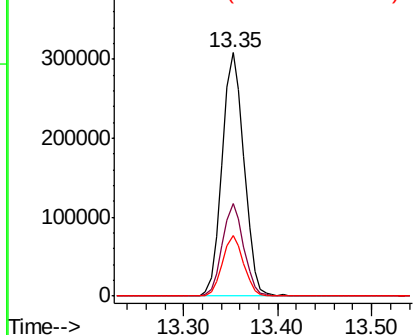


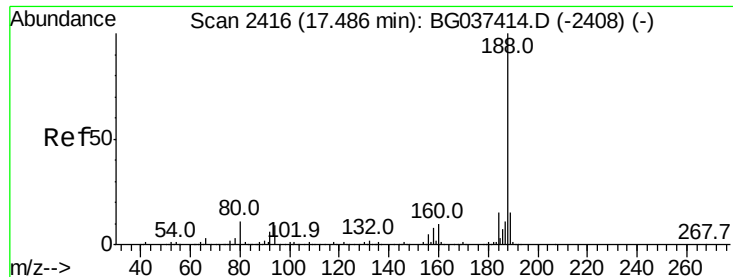
#45
 2-Fluorobiphenyl
 Concen: 42.489 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037778.D
 Acq: 3 Nov 2018 6:29

Tgt Ion:172 Resp: 502303
 Ion Ratio Lower Upper
 172 100
 171 37.8 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: BG037778.D

Acq: 3 Nov 2018 6:29

Instrument :

BNA_G

ClientSampleId :

TP-6

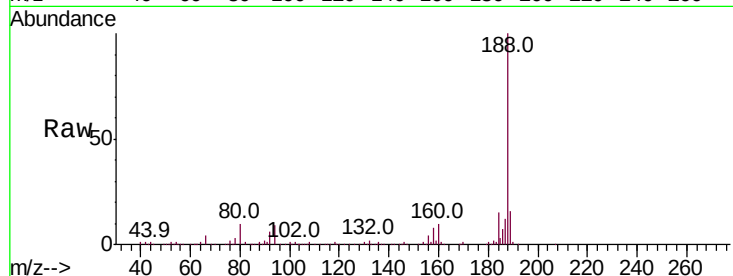
Tot Ion:188 Resp: 385243

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

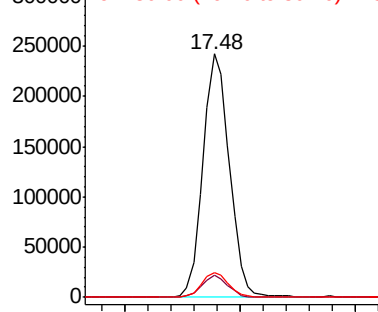
80 10.2 7.7 11.5



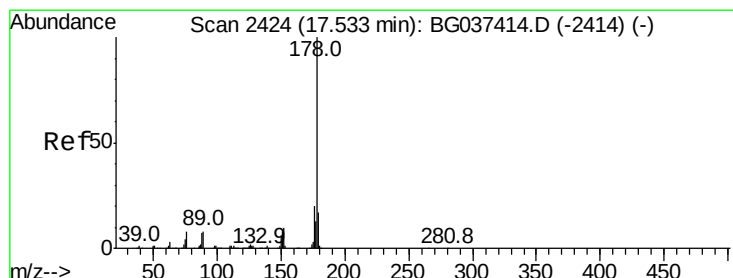
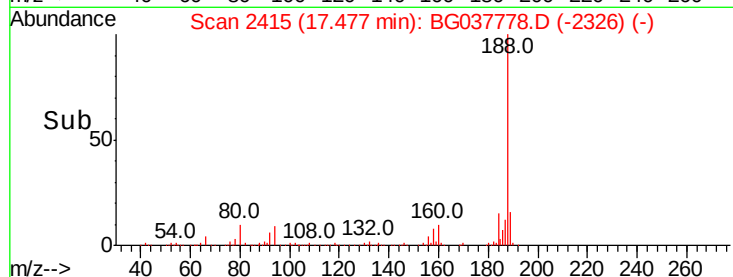
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#71

Phenanthrene

Concen: 2.403 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037778.D

Acq: 3 Nov 2018 6:29

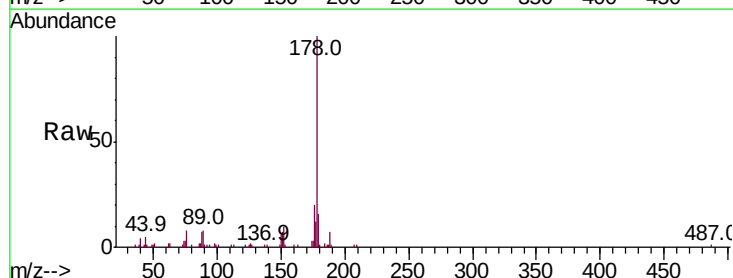
Tgt Ion:178 Resp: 47045

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

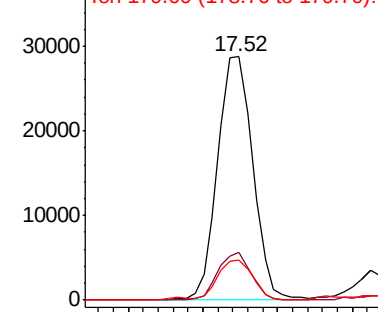
179 16.3 13.0 19.4



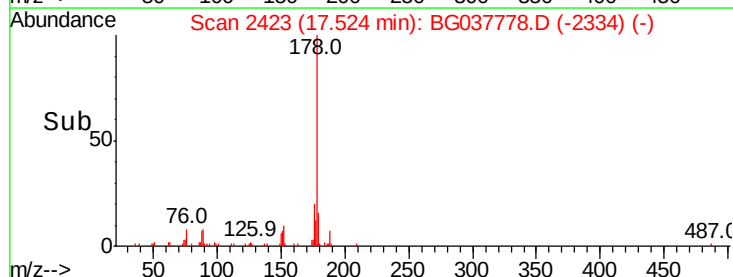
Abundance Ion 178.00 (177.70 to 178.70): E

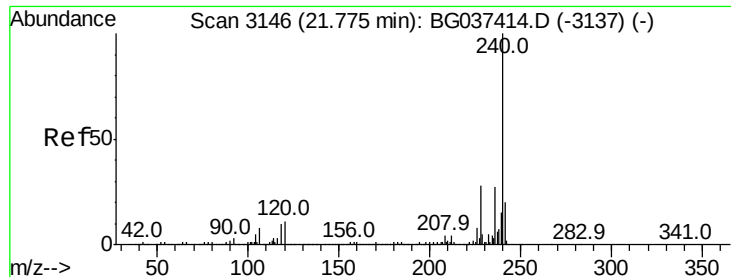
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

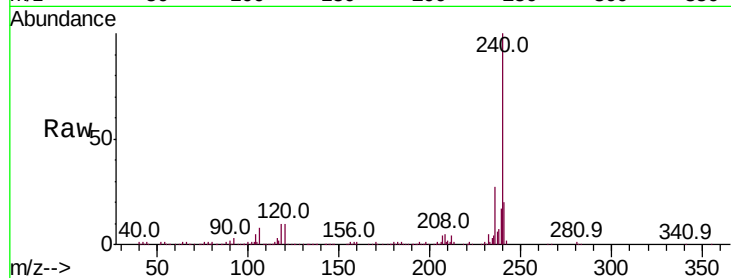




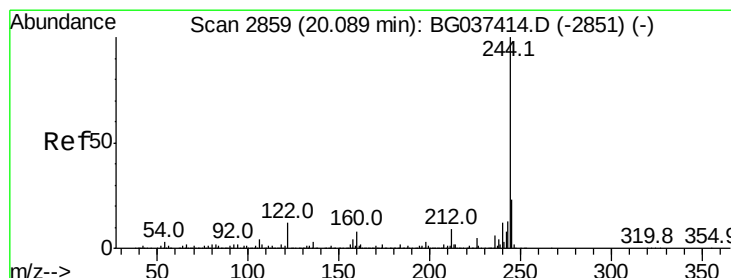
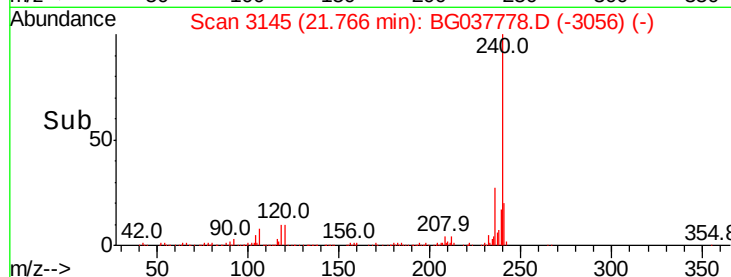
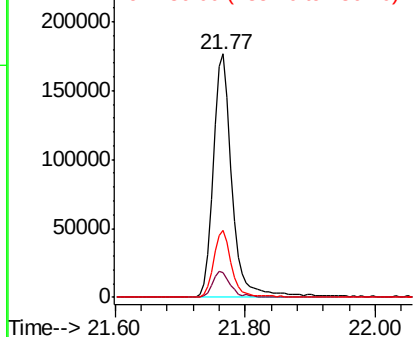
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037778.D
 Acq: 3 Nov 2018 6:29

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tot Ion:240 Resp: 352632
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 27.5 21.4 32.0

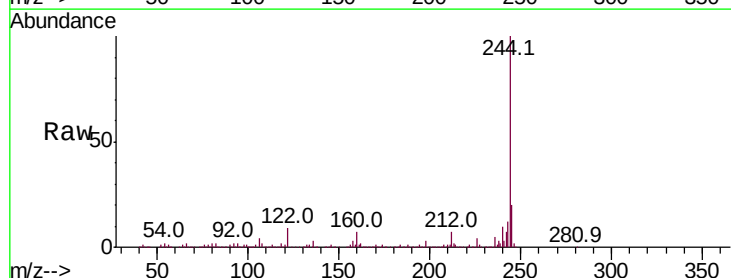


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

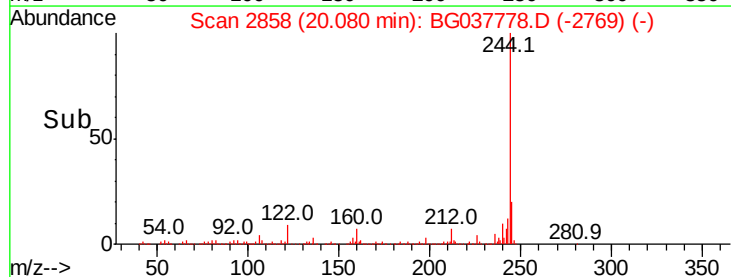
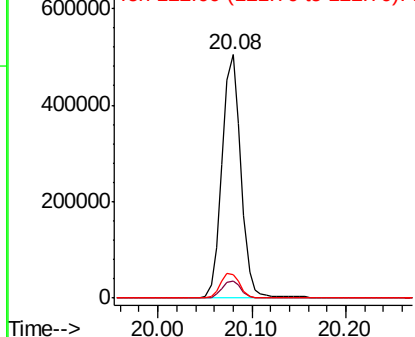


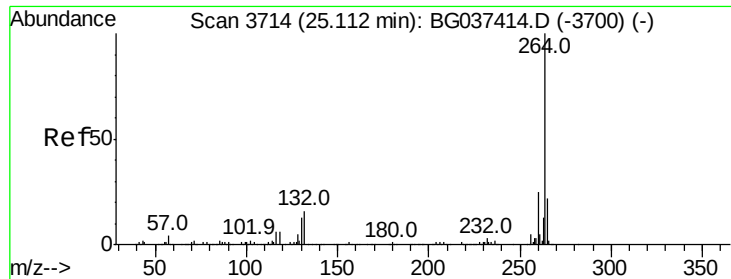
#79
 Terphenyl-d14
 Concen: 43.132 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037778.D
 Acq: 3 Nov 2018 6:29

Tgt Ion:244 Resp: 711806
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.5 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
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037778.D
Acq: 3 Nov 2018 6:29

Instrument :
BNA_G
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.9	17.9	26.9

