

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037738.D
 Acq On : 2 Nov 2018 3:40
 Operator : JU/SJ
 Sample : J5192-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-103118-A

Quant Time: Nov 02 08:02:55 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	59202	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	273677	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	175327	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	393659	20.00	ng	0.00
76) Chrysene-d12	21.77	240	345832	20.00	ng	0.00
87) Perylene-d12	25.10	264	291678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	391595	110.59	ng	0.00
7) Phenol-d6	7.24	99	510757	95.39	ng	0.00
23) Nitrobenzene-d5	9.28	82	412487	84.43	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	214248	112.04	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	986539	84.85	ng	0.00
79) Terphenyl-d14	20.08	244	1457615	90.06	ng	0.00

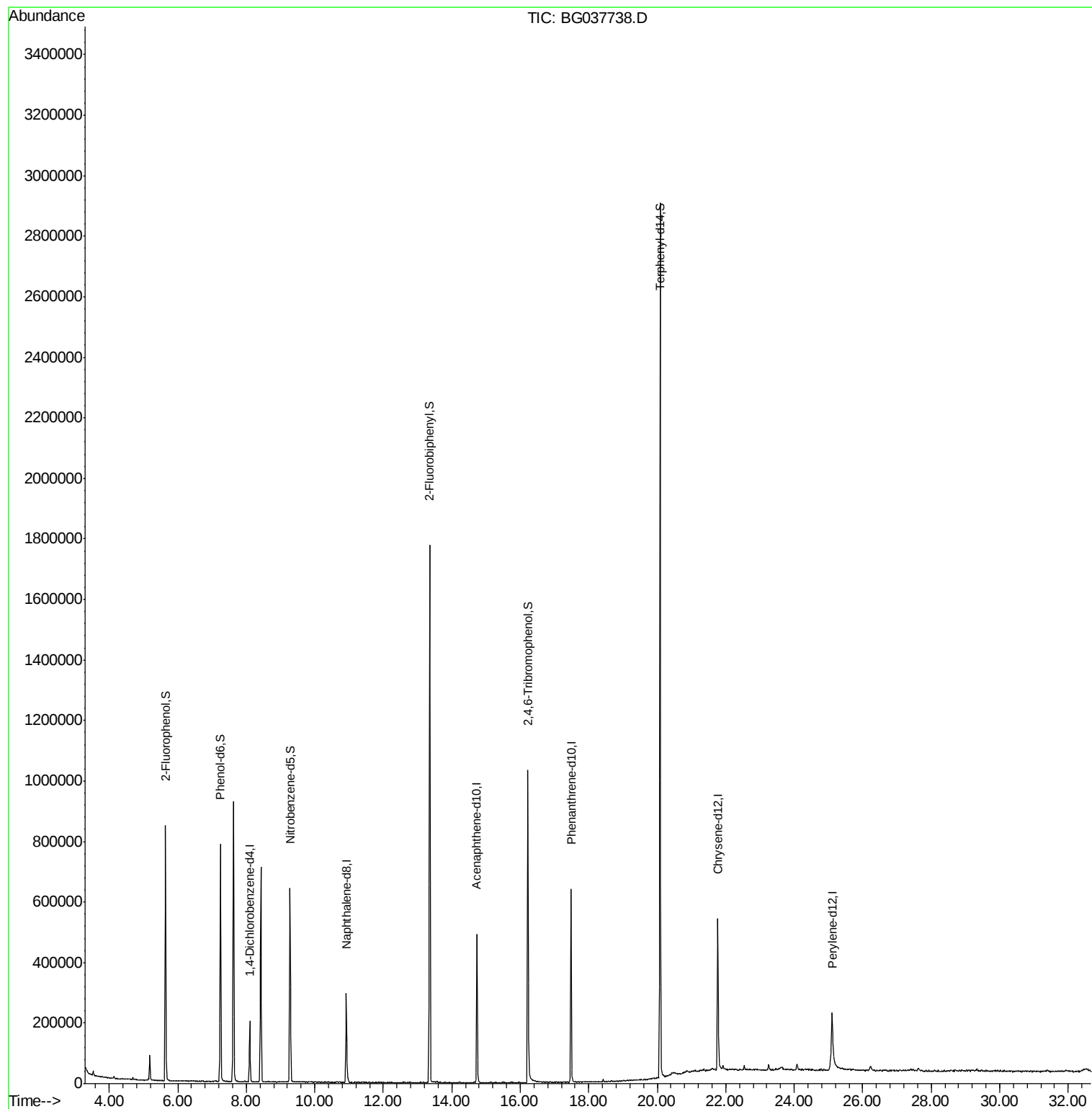
Target Compounds Qvalue

(#) = 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: BG037738.D

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BNA_G

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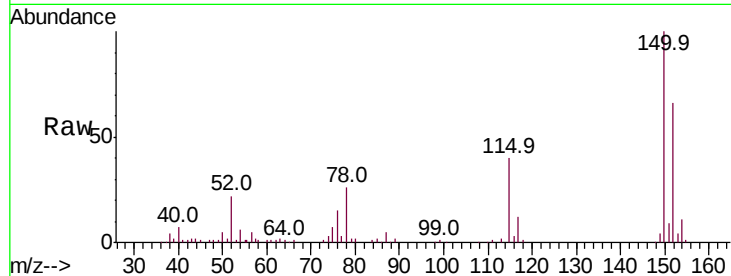
Tot Ion:152 Resp: 59202

Ion Ratio Lower Upper

152 100

150 151.7 126.0 189.0

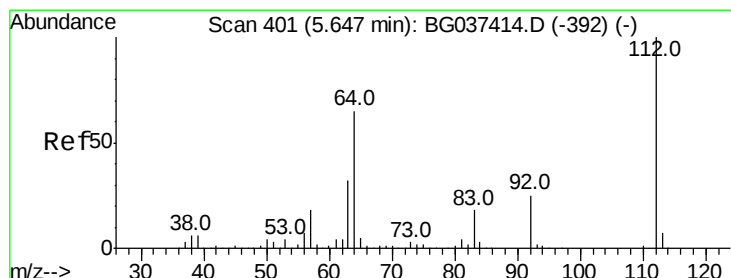
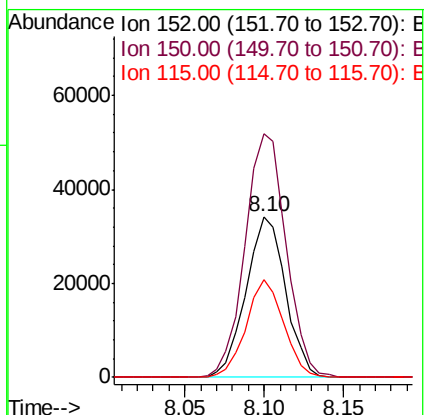
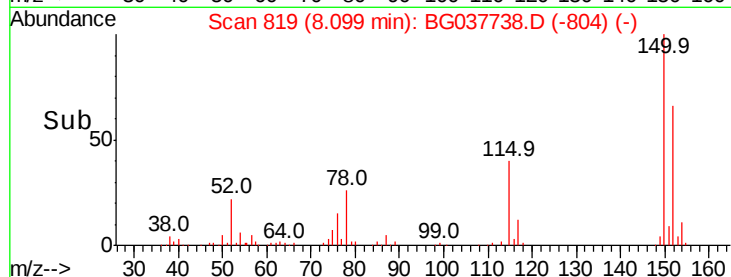
115 60.9 45.5 68.3



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: 110.586 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

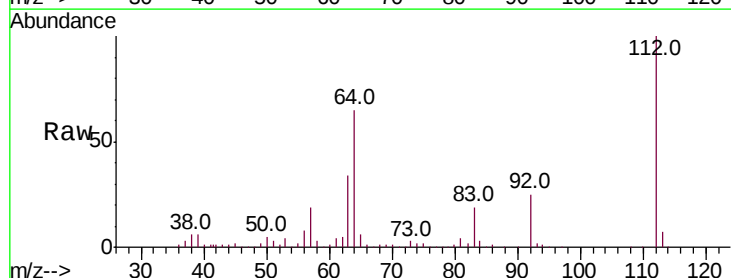
Tgt Ion:112 Resp: 391595

Ion Ratio Lower Upper

112 100

64 65.0 53.1 79.7

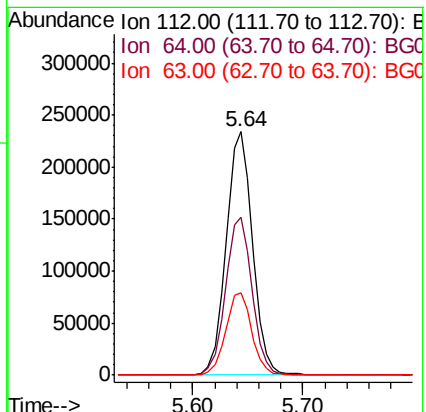
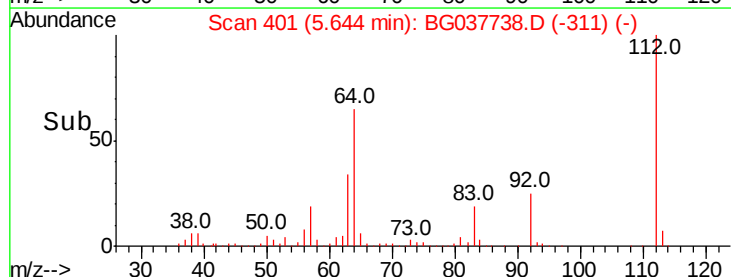
63 33.6 27.3 40.9

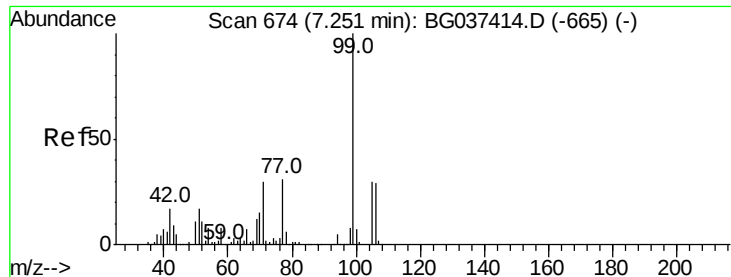


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.387 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

Instrument :

BNA_G

ClientSampleId :

AU-05-103118-A

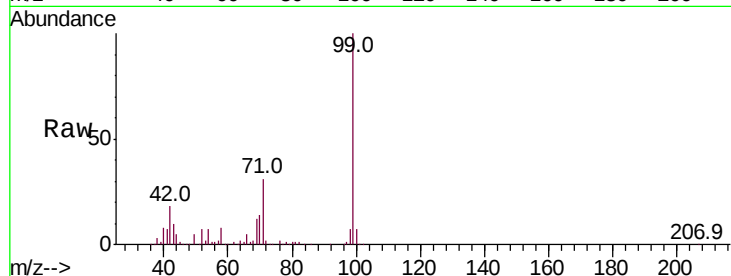
Tot Ion: 99 Resp: 510757

Ion Ratio Lower Upper

99 100

42 18.4 15.0 22.4

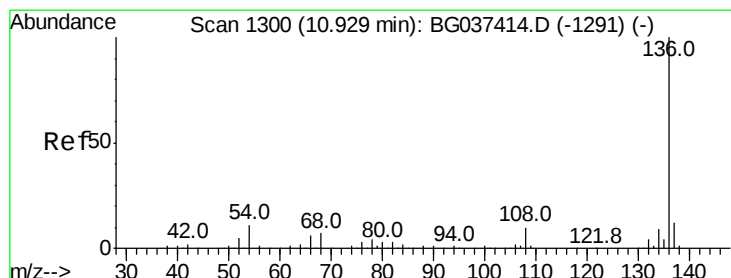
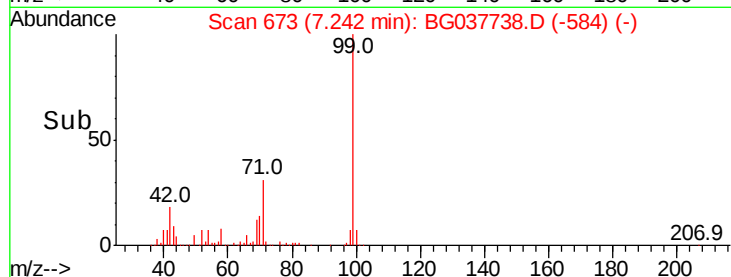
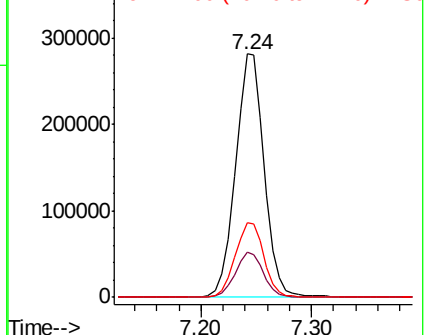
71 30.5 25.5 38.3



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: BG037738.D

Acq: 2 Nov 2018 3:40

Tgt Ion: 136 Resp: 273677

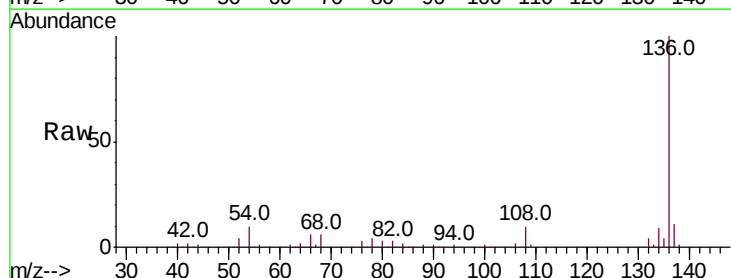
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 10.0 7.9 11.9

68 6.2 4.8 7.2

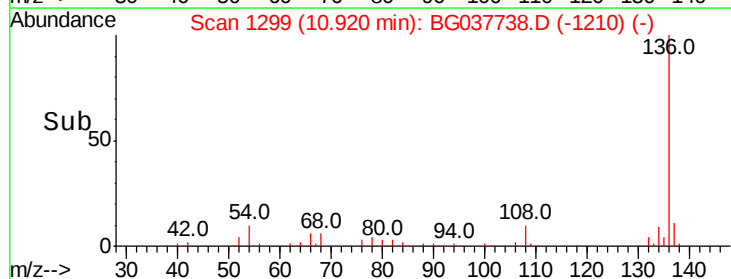
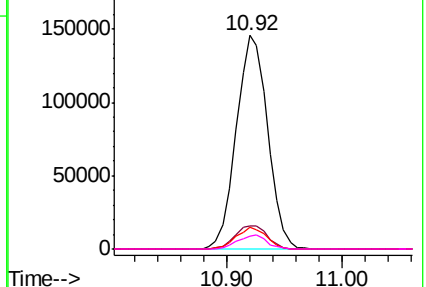


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

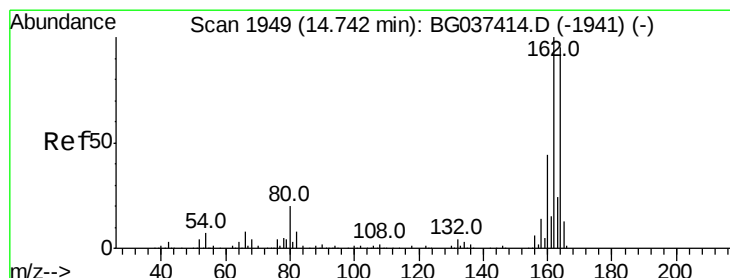
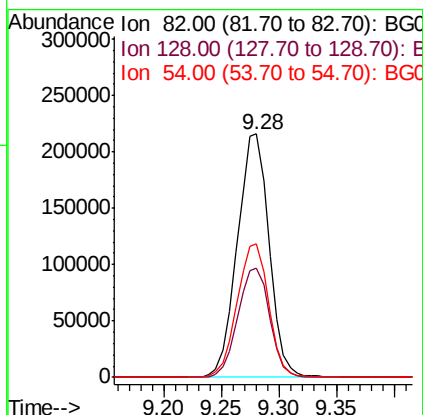
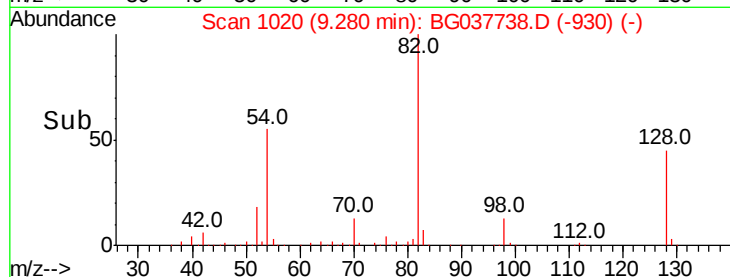
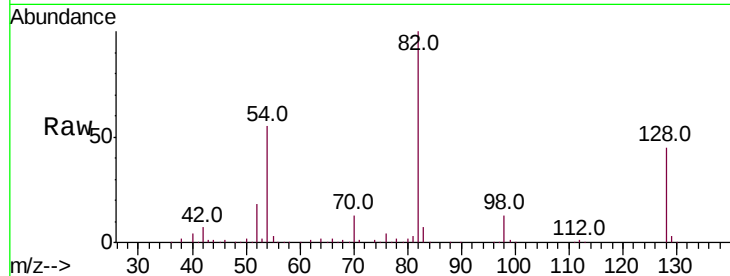




#23
Nitrobenzene-d5
Concen: 84.432 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037738.D
Acq: 2 Nov 2018 3:40

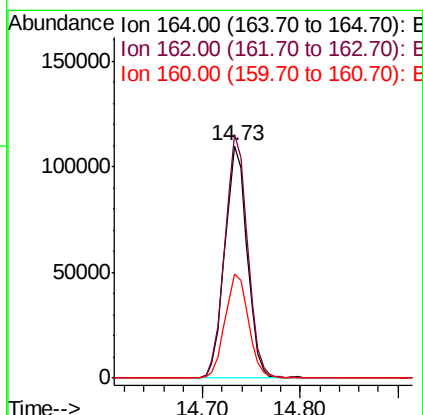
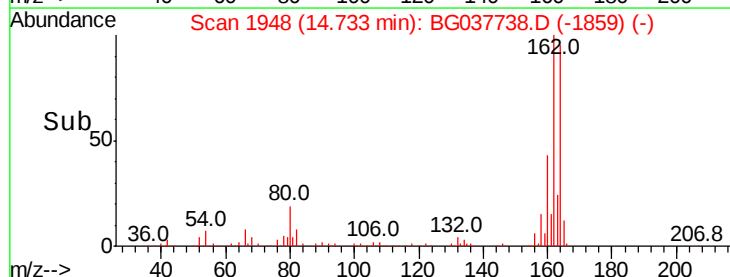
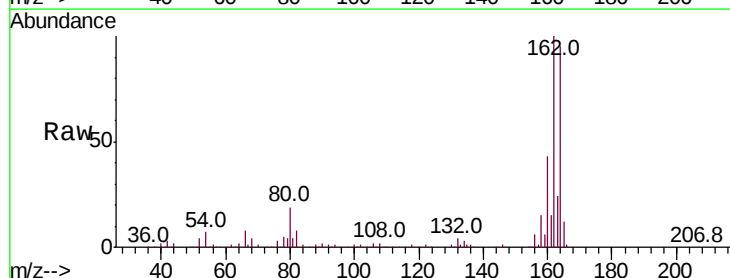
Instrument :
BNA_G
ClientSampleId :
AU-05-103118-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	54.8	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037738.D
Acq: 2 Nov 2018 3:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.3	121.9
160	44.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 112.038 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

Instrument :

BNA_G

ClientSampleId :

AU-05-103118-A

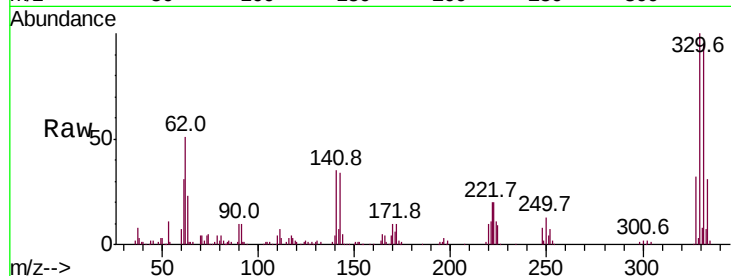
Tot Ion:330 Resp: 214248

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

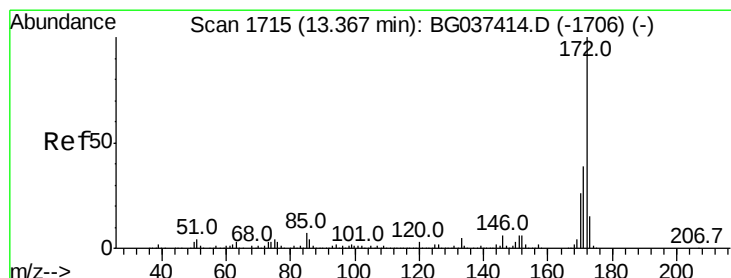
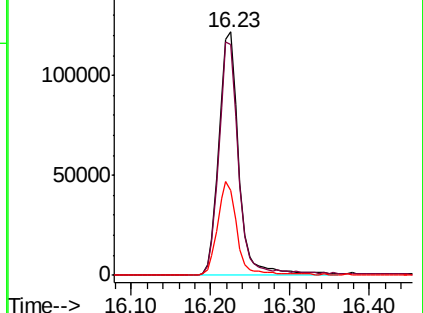
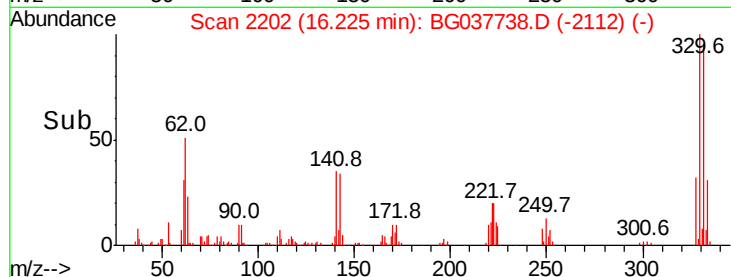
141 37.4 32.2 48.2



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: 84.850 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

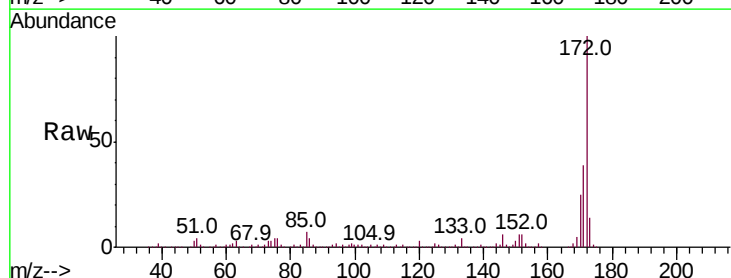
Tgt Ion:172 Resp: 986539

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

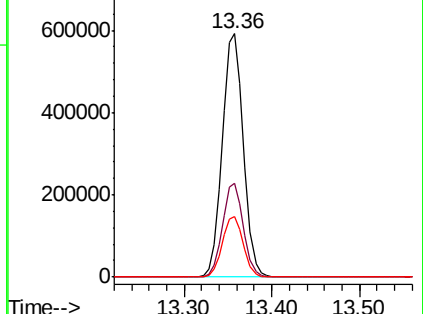
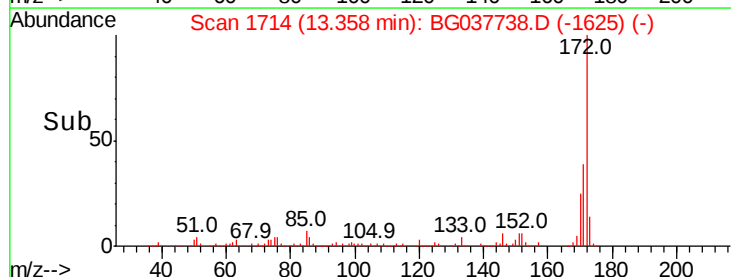
170 25.1 20.2 30.2



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# 2416

Delta R.T. -0.00 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

Instrument :

BNA_G

ClientSampleId :

AU-05-103118-A

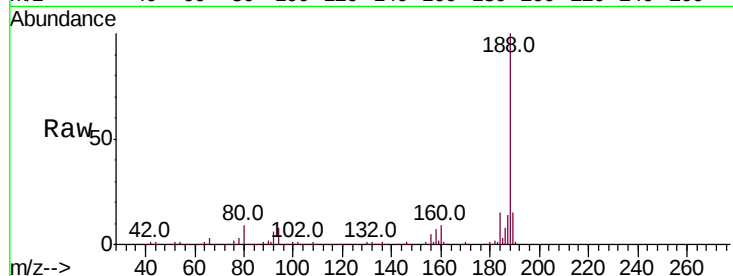
Tot Ion:188 Resp: 393659

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

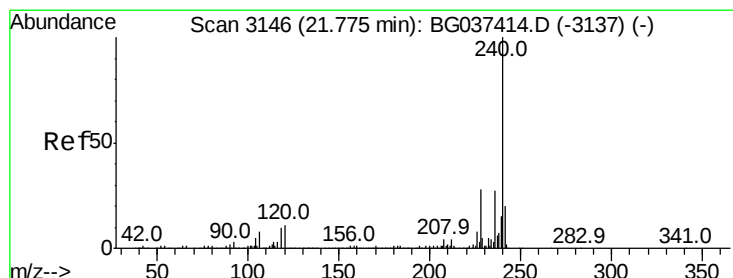
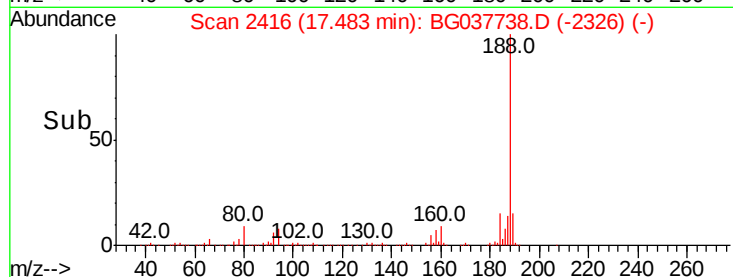
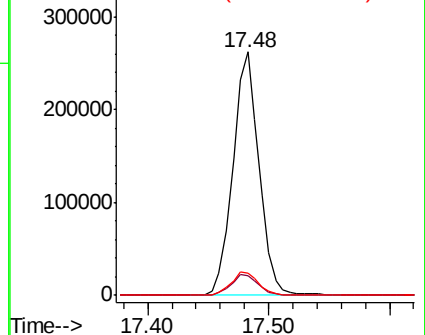
80 9.0 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

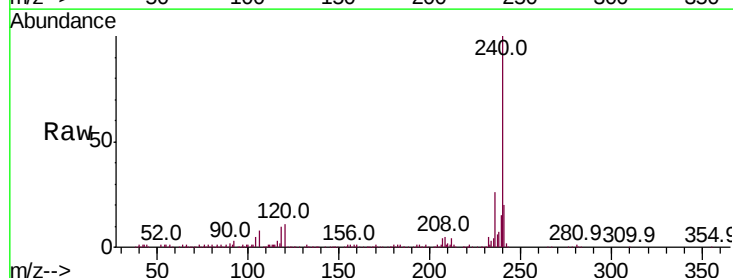
Tgt Ion:240 Resp: 345832

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

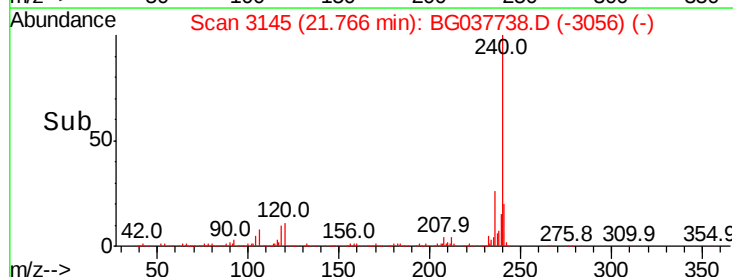
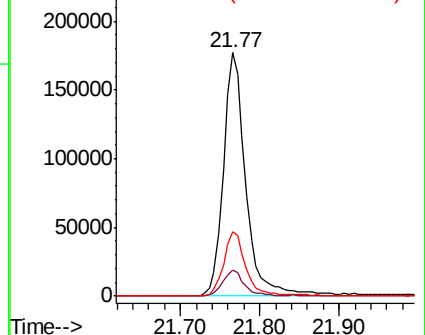
236 26.2 21.4 32.0



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: 90.061 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

Instrument :

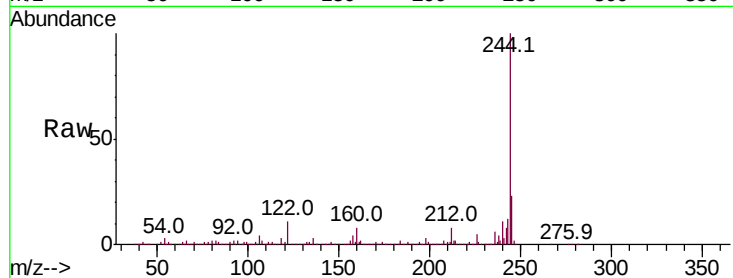
BNA_G

ClientSampleId :

AU-05-103118-A

Tot Ion:244 Resp: 1457615

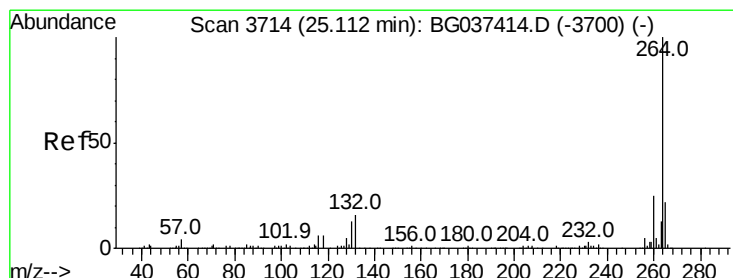
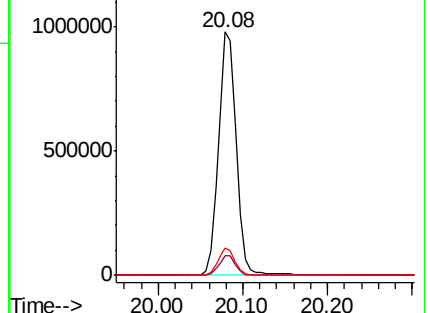
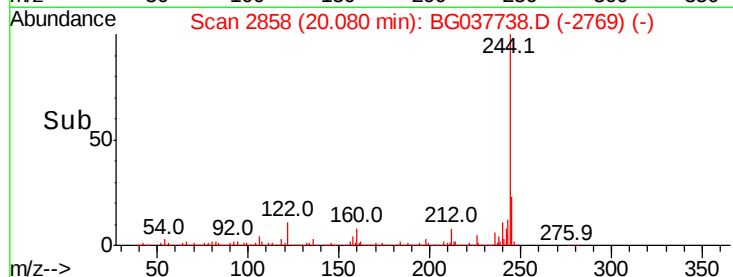
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.1	9.0	13.4



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# 3713

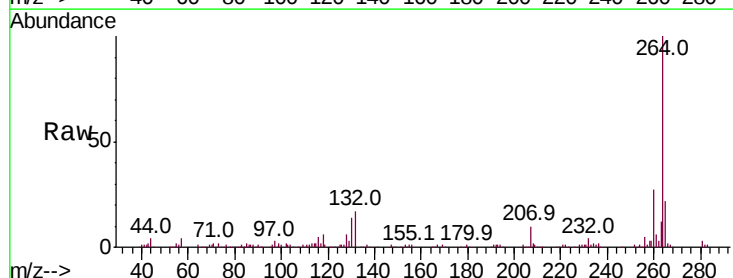
Delta R.T. -0.01 min

Lab File: BG037738.D

Acq: 2 Nov 2018 3:40

Tgt Ion:264 Resp: 291678

Ion	Ratio	Lower	Upper
264	100		
260	27.1	18.2	27.4
265	22.4	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

