

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101518\
 Data File : BG037351.D
 Acq On : 16 Oct 2018 3:42
 Operator : JU/SJ
 Sample : J5511-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 16 07:18:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

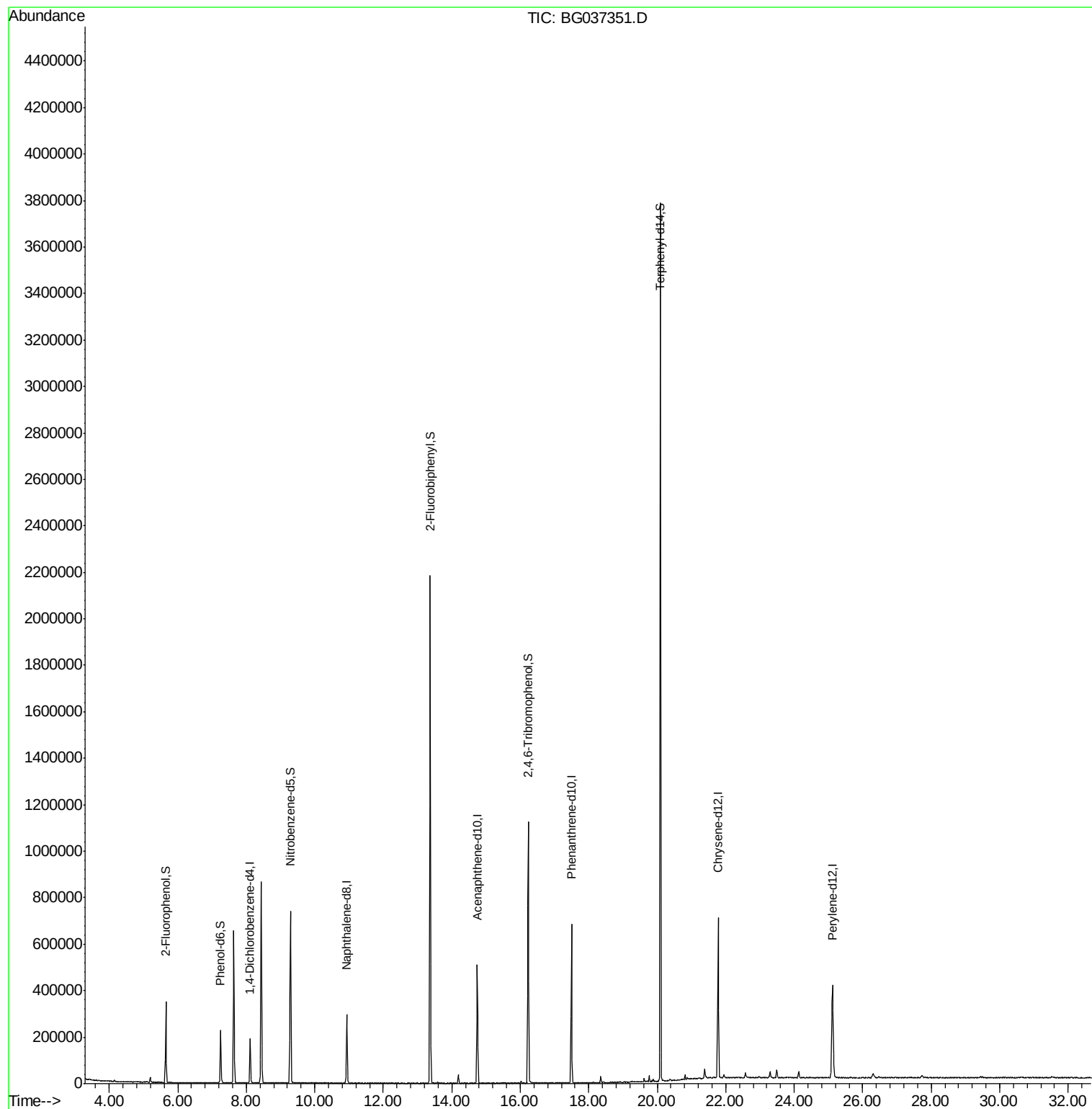
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59724	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	268213	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	177918	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	458073	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	426783	20.00	ng	-0.02
87) Perylene-d12	25.12	264	426750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	162404	47.86	ng	0.00
7) Phenol-d6	7.25	99	141681	27.51	ng	0.00
23) Nitrobenzene-d5	9.29	82	468685	114.88	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	209985	120.34	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1170746	98.82	ng	-0.01
79) Terphenyl-d14	20.09	244	1705540	83.91	ng	-0.01

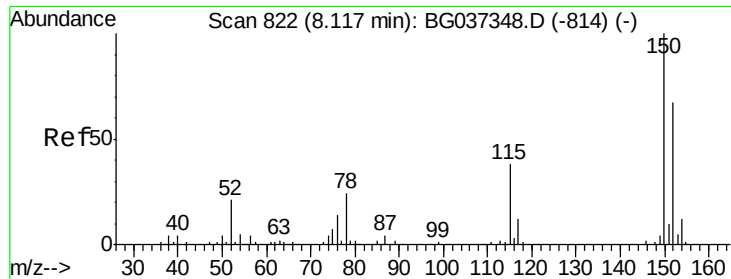
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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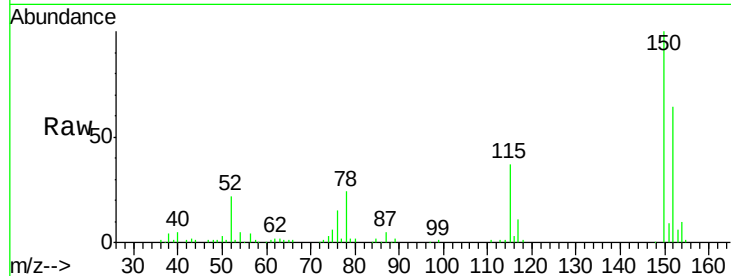




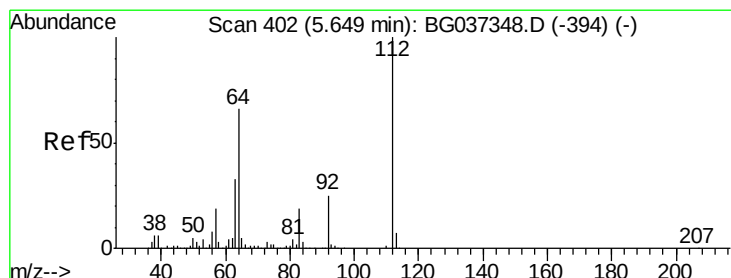
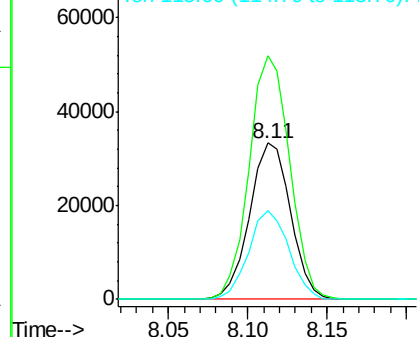
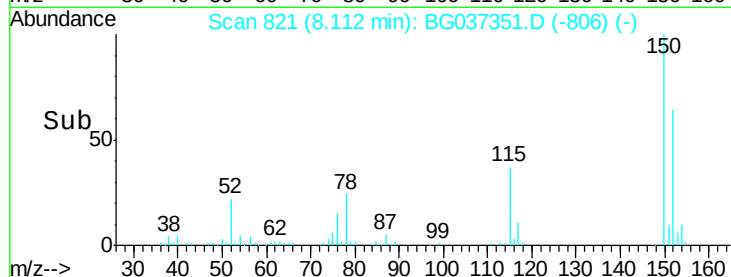
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tgt Ion:152 Resp: 59724
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 56.9 45.5 68.3



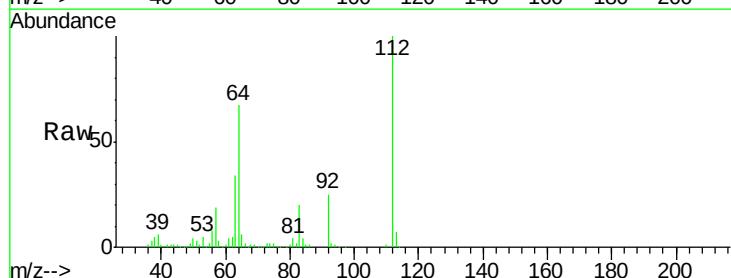
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



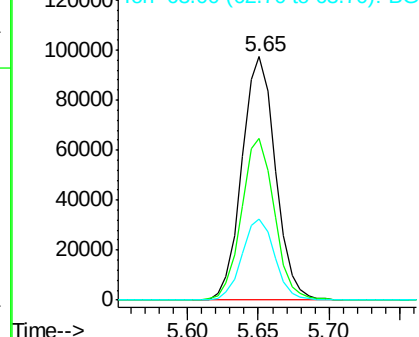
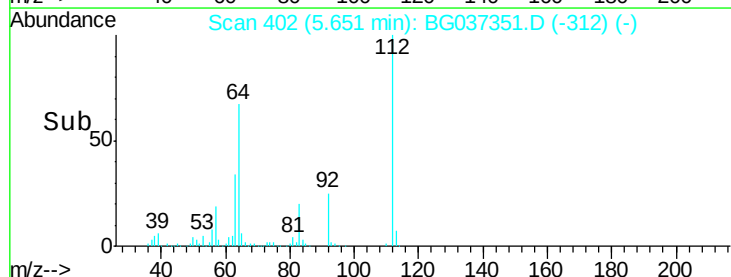
#5

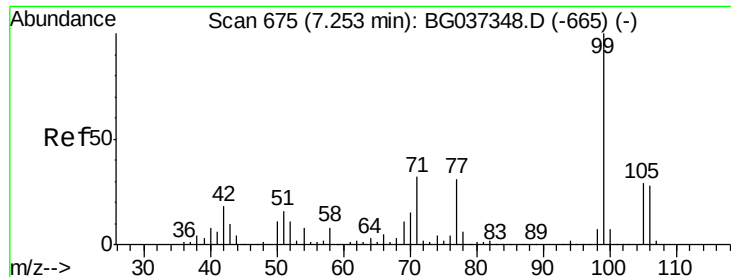
2-Fluorophenol
Concen: 47.856 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tgt Ion:112 Resp: 162404
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 27.506 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

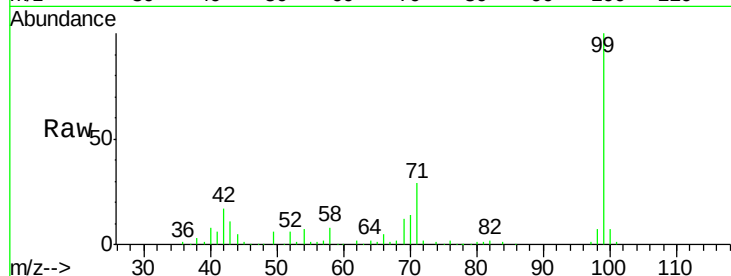
Tgt Ion: 99 Resp: 141681

Ion Ratio Lower Upper

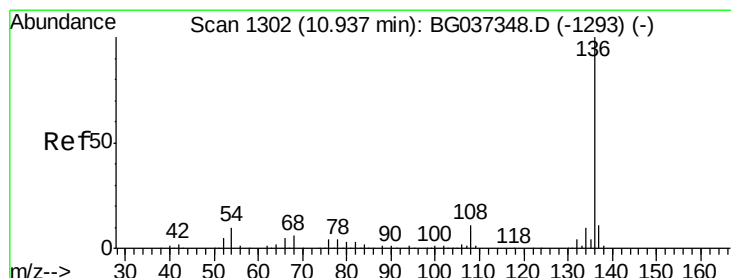
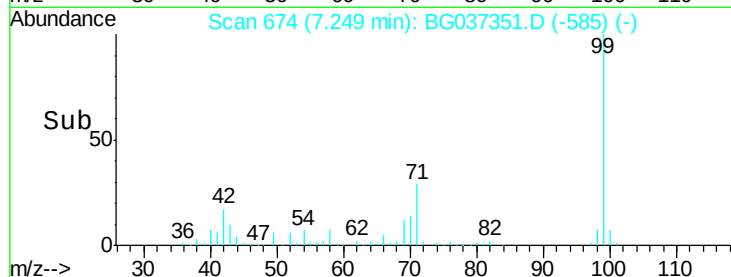
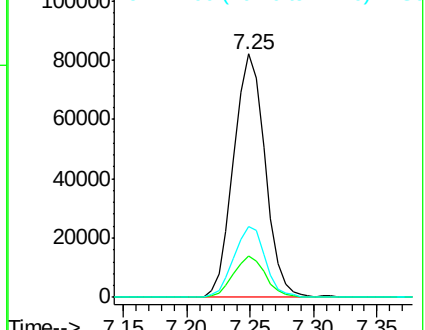
99 100

42 17.1 15.0 22.4

71 29.2 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: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

Tgt Ion: 136 Resp: 268213

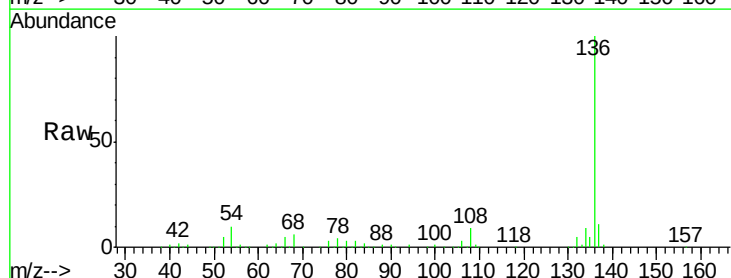
Ion Ratio Lower Upper

136 100

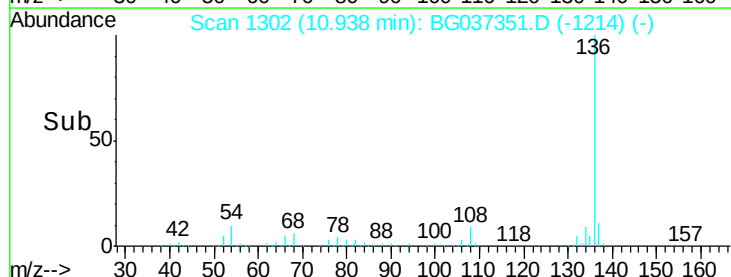
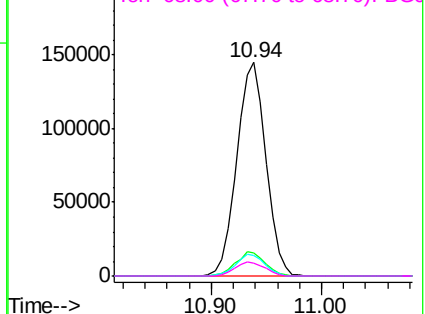
137 10.8 9.6 14.4

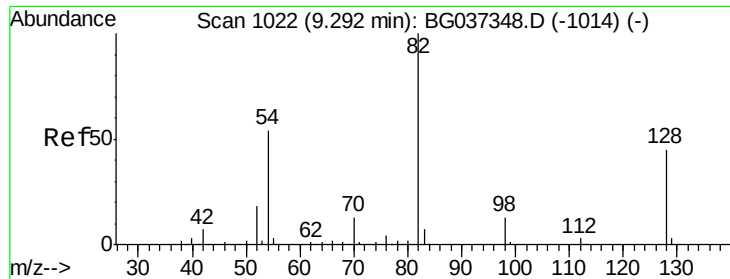
54 9.6 7.9 11.9

68 6.1 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: 114.885 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

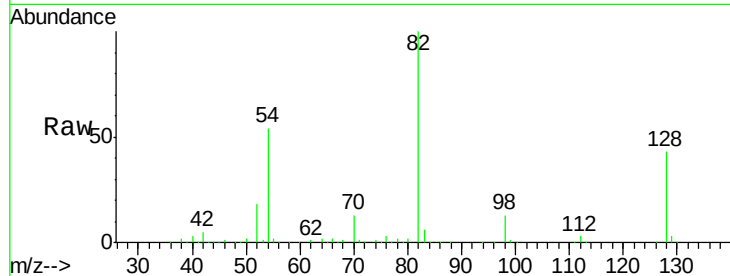
Tgt Ion: 82 Resp: 468685

Ion Ratio Lower Upper

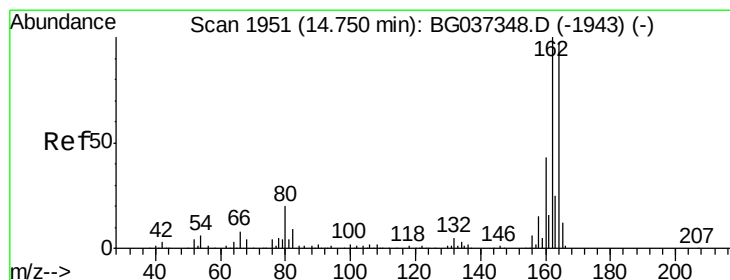
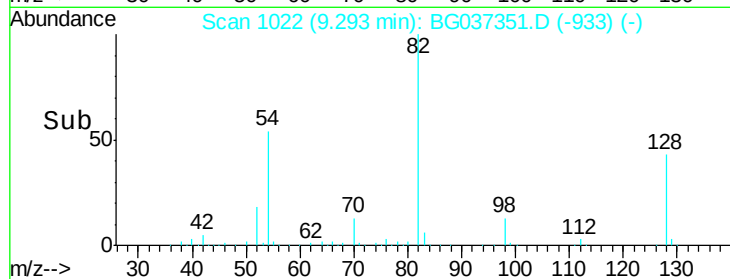
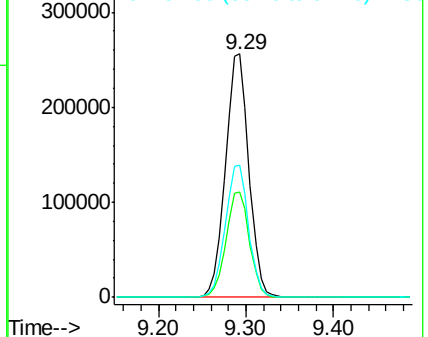
82 100

128 43.4 34.6 51.8

54 54.1 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: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

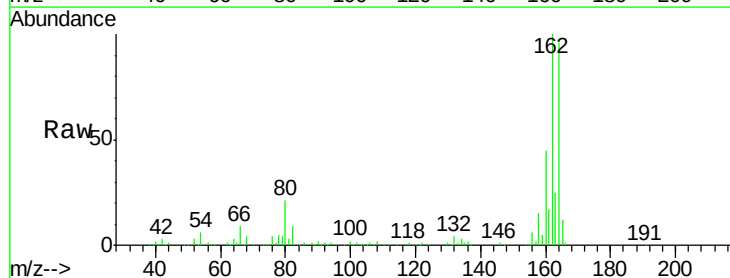
Tgt Ion: 164 Resp: 177918

Ion Ratio Lower Upper

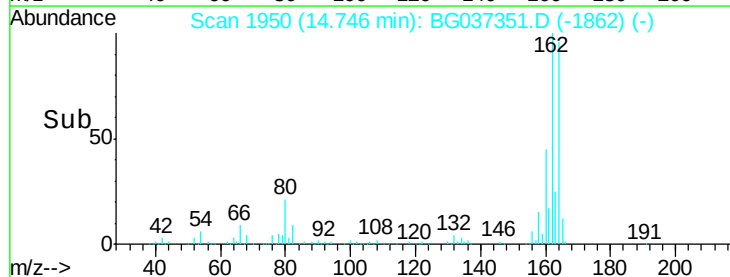
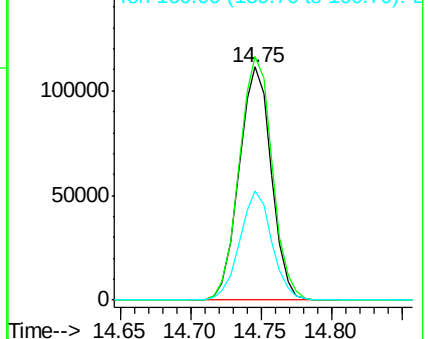
164 100

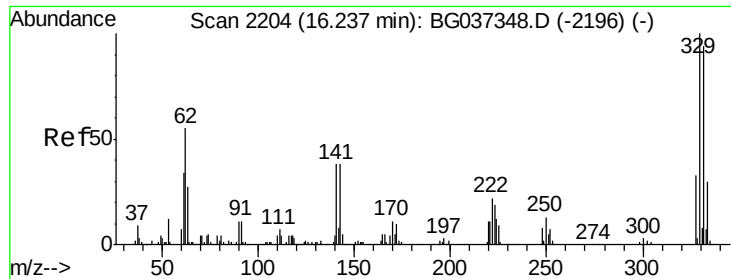
162 104.5 81.3 121.9

160 46.7 36.3 54.5



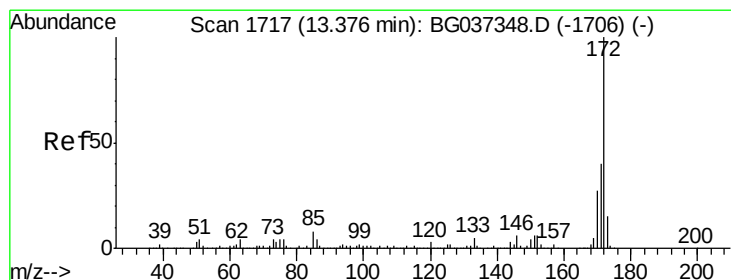
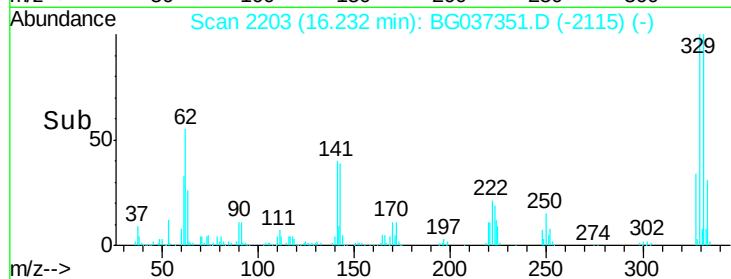
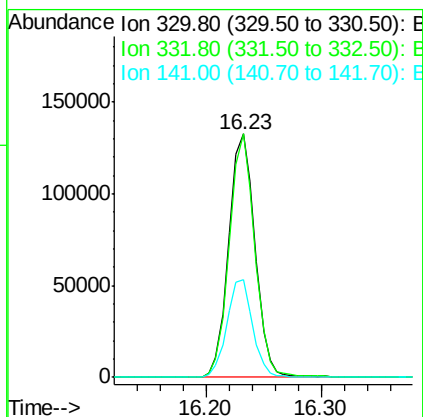
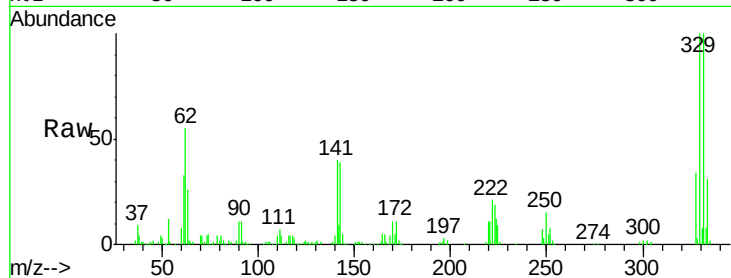
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





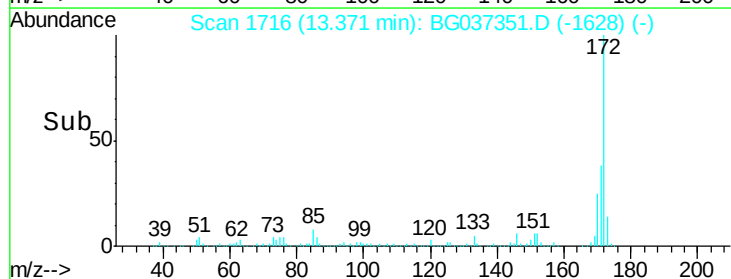
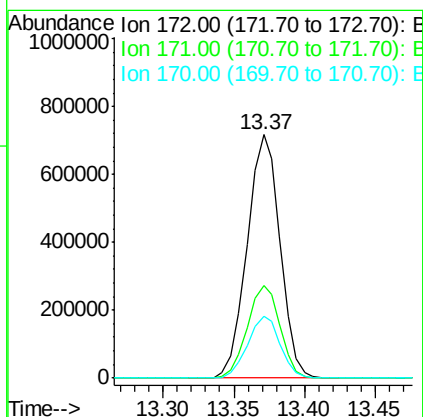
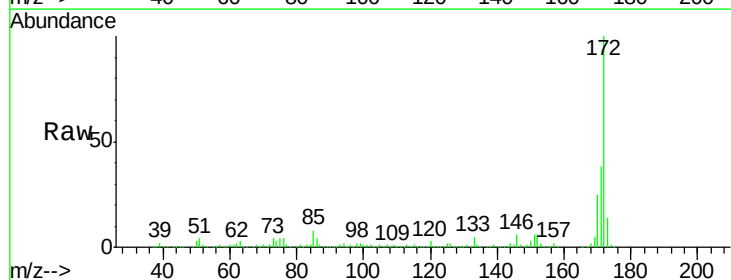
#42
 2,4,6-Tribromophenol
 Concen: 120.344 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037351.D
 Acq: 16 Oct 2018 3:42

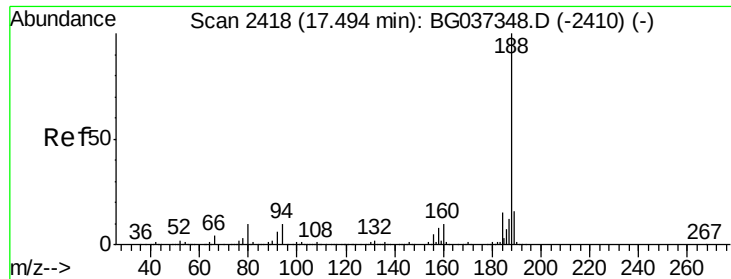
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.4	117.6
141	39.5	32.2	48.2



#45
 2-Fluorobiphenyl
 Concen: 98.820 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037351.D
 Acq: 16 Oct 2018 3:42

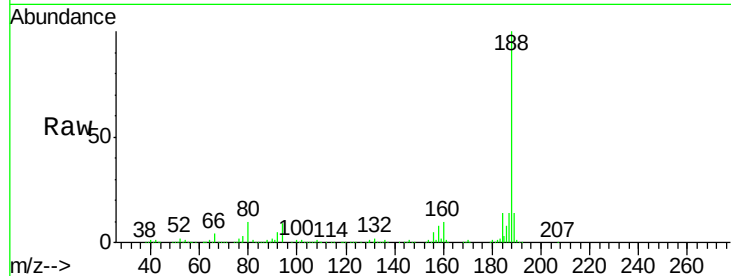
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.3	20.2	30.2



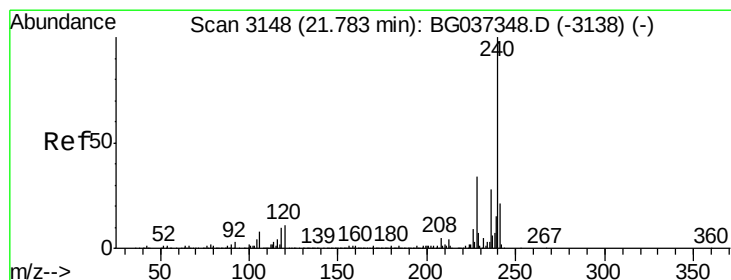
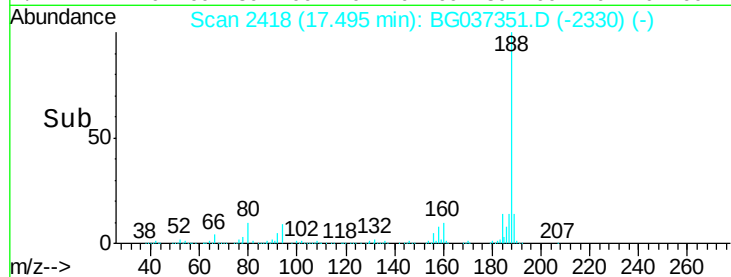
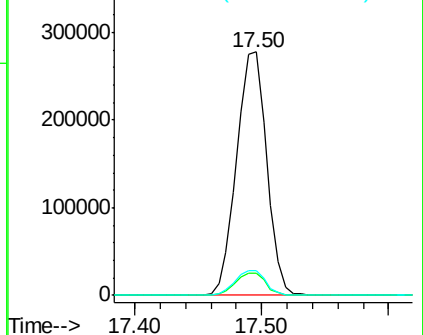


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tgt Ion:188 Resp: 458073
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.1 7.7 11.5

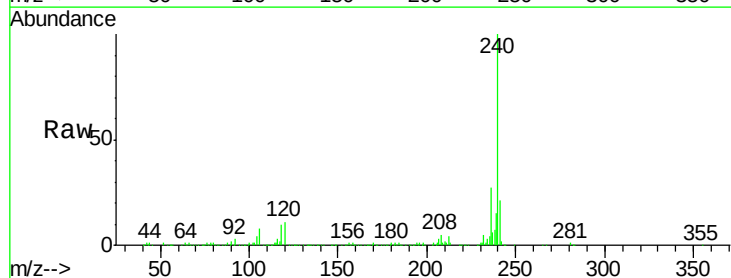


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

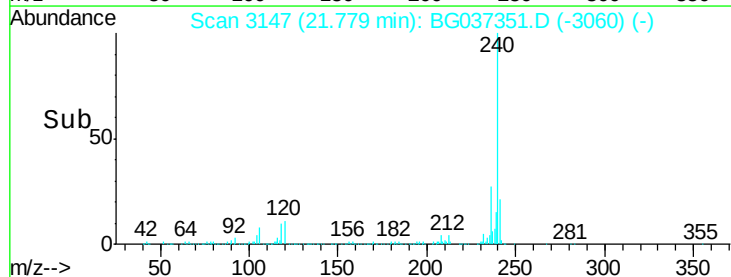
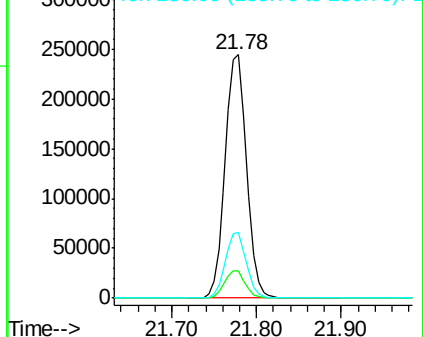


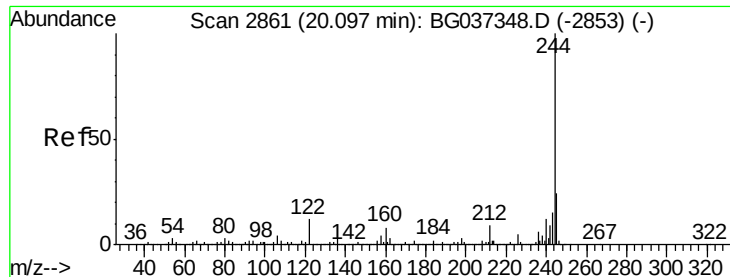
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tgt Ion:240 Resp: 426783
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.8 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: 83.912 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

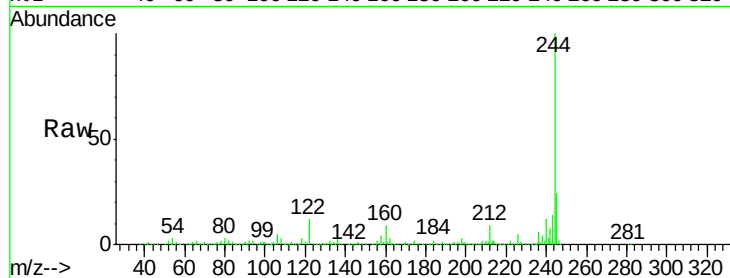
Tgt Ion:244 Resp: 1705540

Ion Ratio Lower Upper

244 100

212 9.2 6.5 9.7

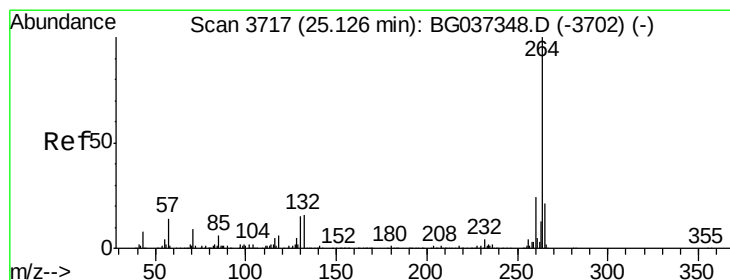
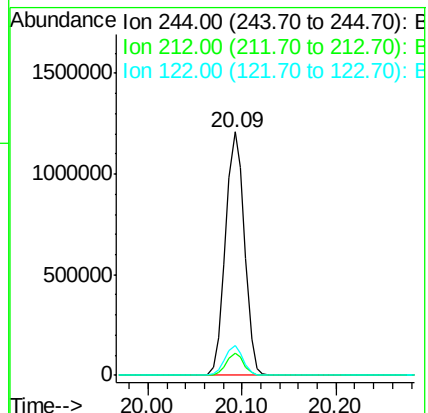
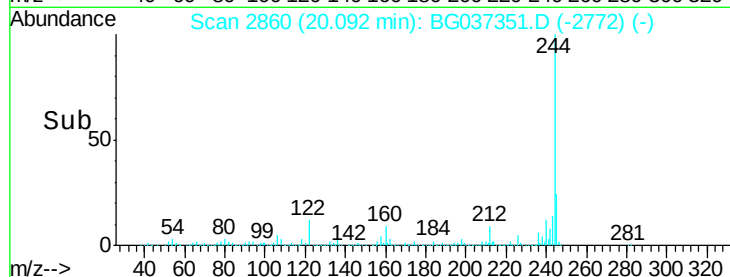
122 12.4 9.0 13.4



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: BG037351.D

Acq: 16 Oct 2018 3:42

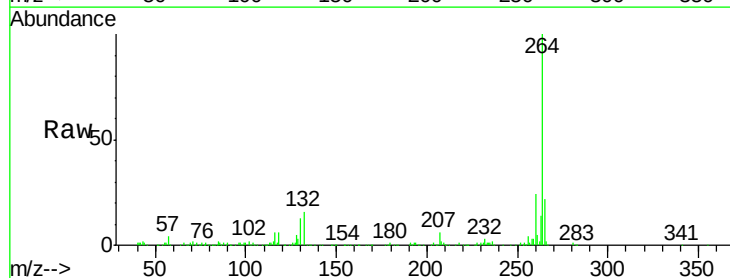
Tgt Ion:264 Resp: 426750

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.2 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

