

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101518\
 Data File : BG037335.D
 Acq On : 15 Oct 2018 16:06
 Operator : JU/SJ
 Sample : PB113828BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 04:36:31 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

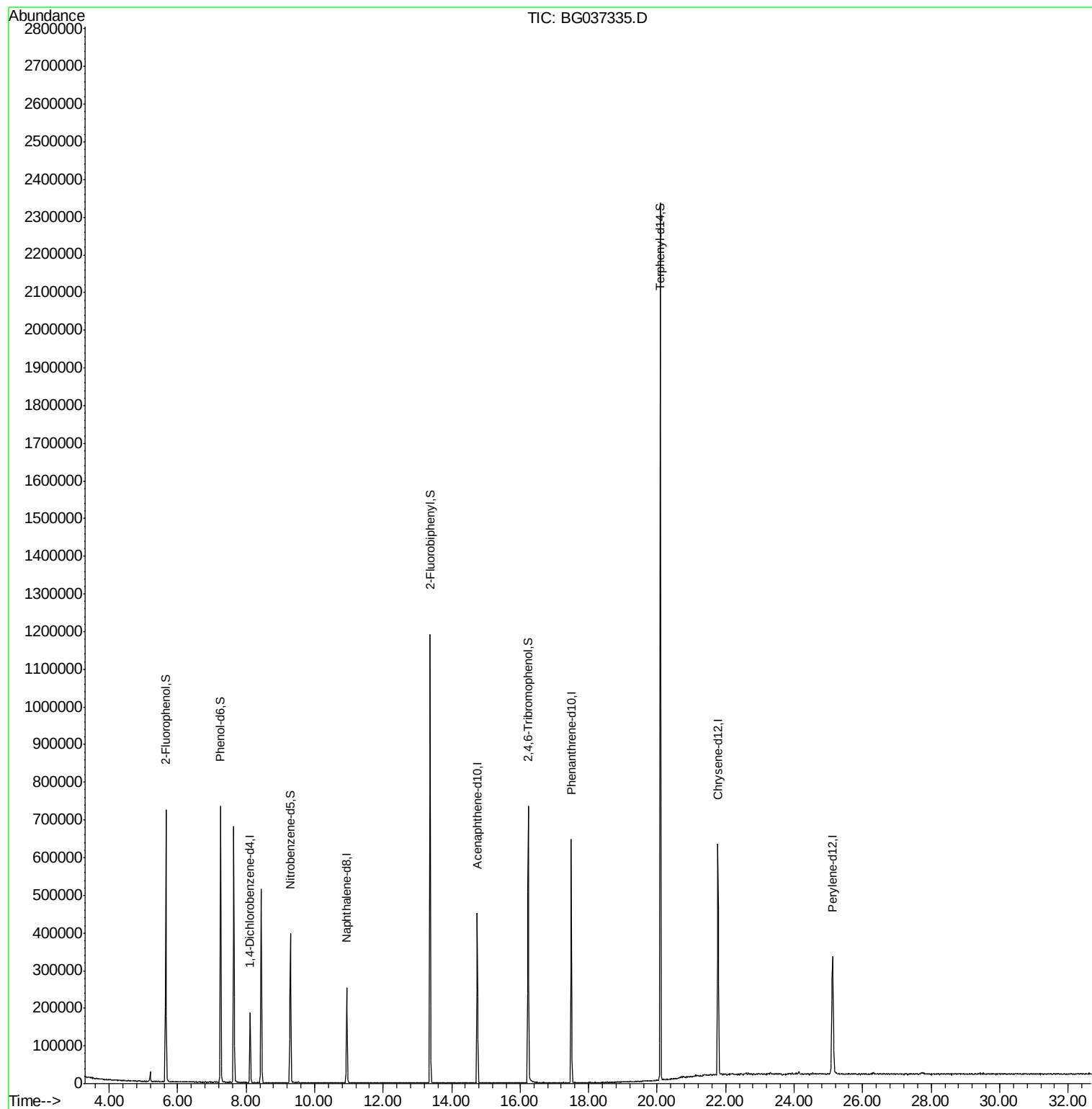
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54666	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	231028	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	156035	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	410560	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	386373	20.00	ng	-0.02
87) Perylene-d12	25.12	264	383968	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	332286	106.98	ng	0.00
7) Phenol-d6	7.25	99	467135	99.08	ng	0.00
23) Nitrobenzene-d5	9.29	82	243909	69.41	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	143244	93.61	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	664413	63.95	ng	0.00
79) Terphenyl-d14	20.09	244	1152257	62.62	ng	0.00

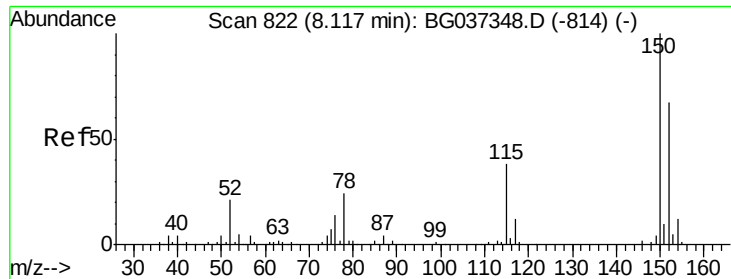
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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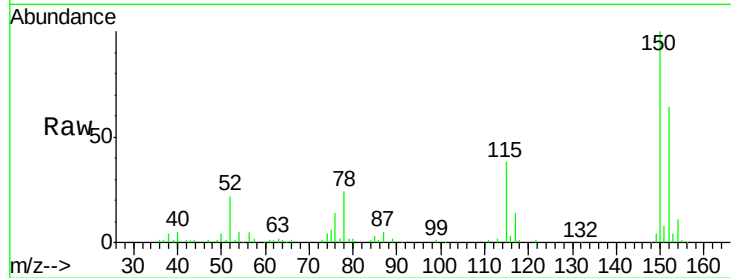




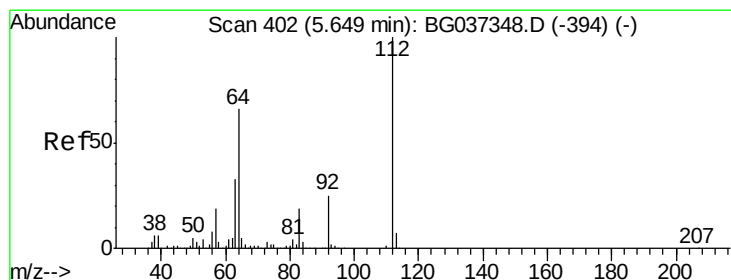
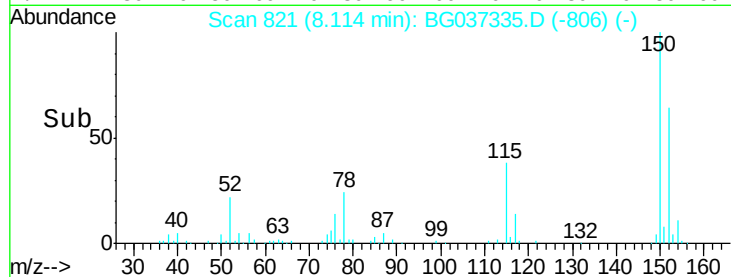
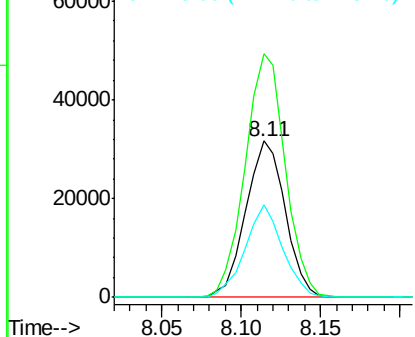
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tgt Ion:152 Resp: 54666
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 59.1 45.5 68.3



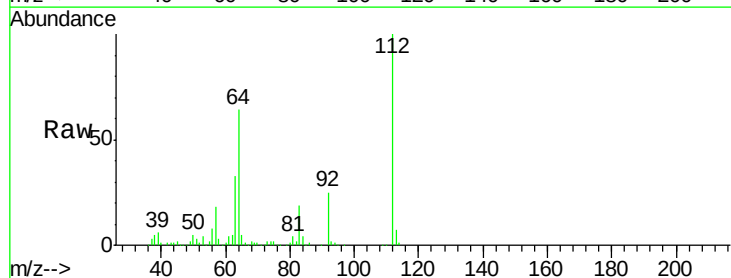
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



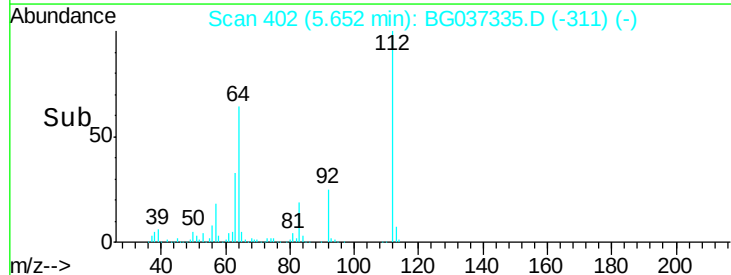
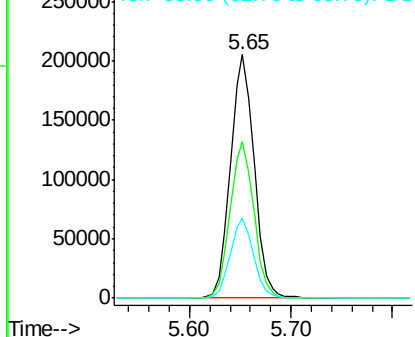
#5

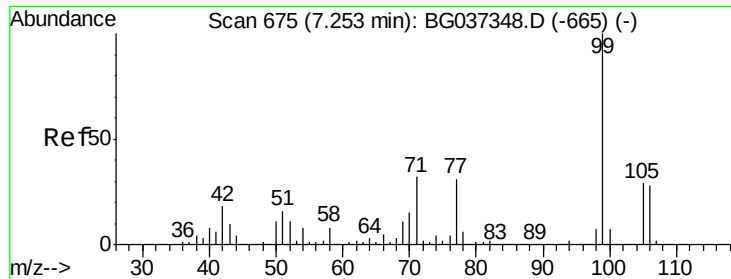
2-Fluorophenol
Concen: 106.975 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tgt Ion:112 Resp: 332286
Ion Ratio Lower Upper
112 100
64 64.2 53.1 79.7
63 32.9 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: 99.081 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

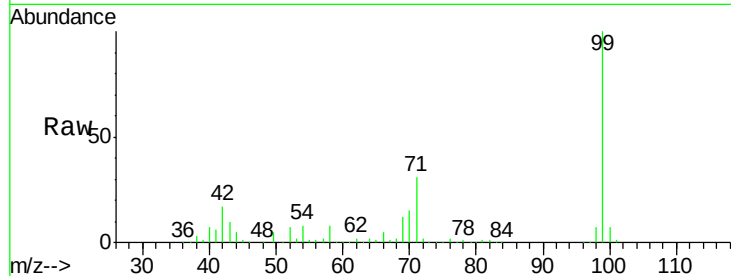
Tgt Ion: 99 Resp: 467135

Ion Ratio Lower Upper

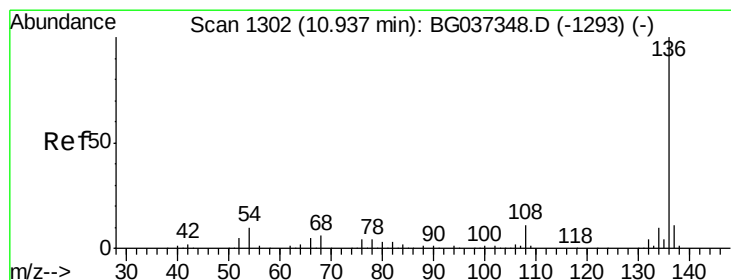
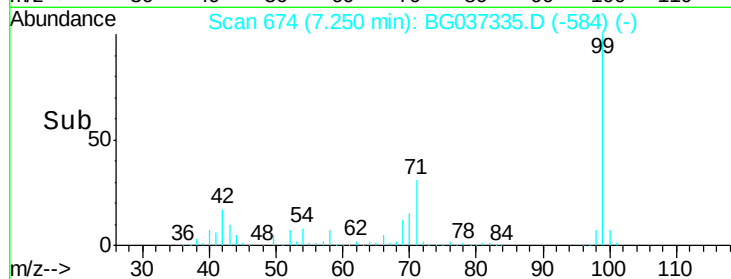
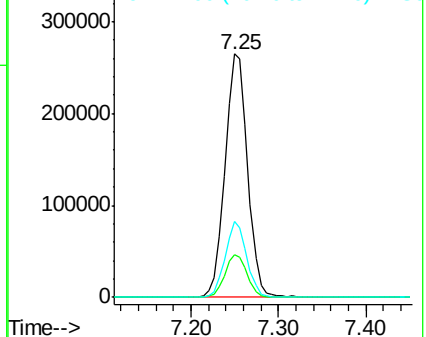
99 100

42 17.3 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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

Tgt Ion: 136 Resp: 231028

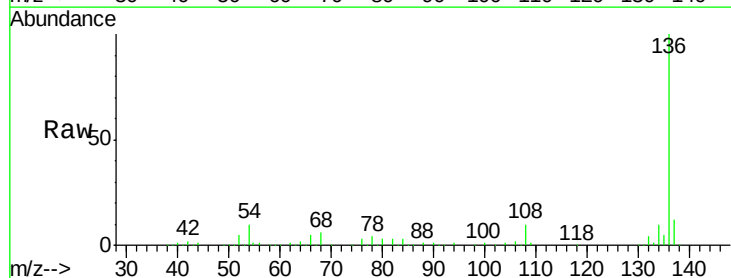
Ion Ratio Lower Upper

136 100

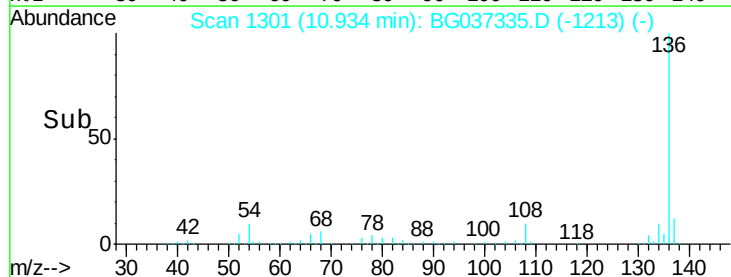
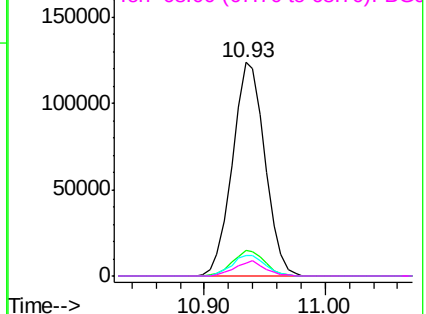
137 12.0 9.6 14.4

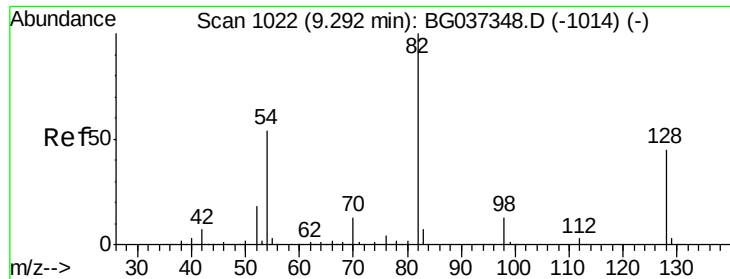
54 9.6 7.9 11.9

68 5.8 4.8 7.2



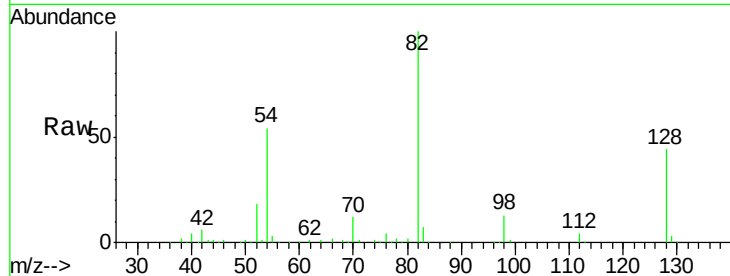
Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



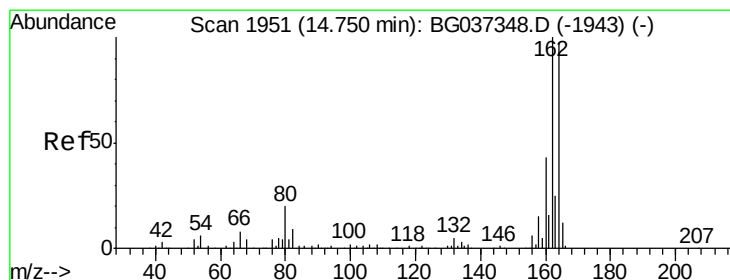
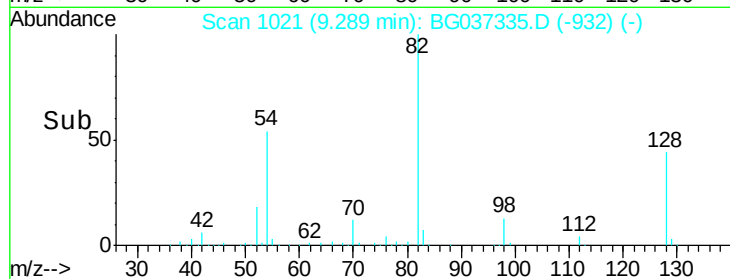
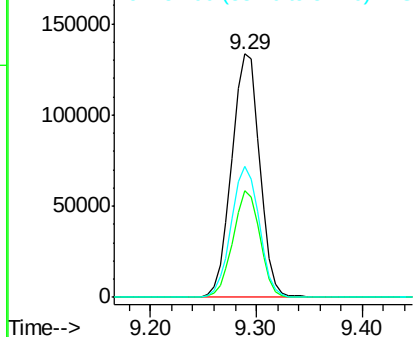


#23
Nitrobenzene-d5
Concen: 69.410 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	54.0	45.3	67.9

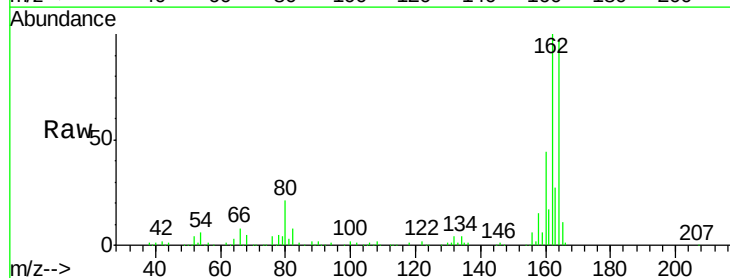


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

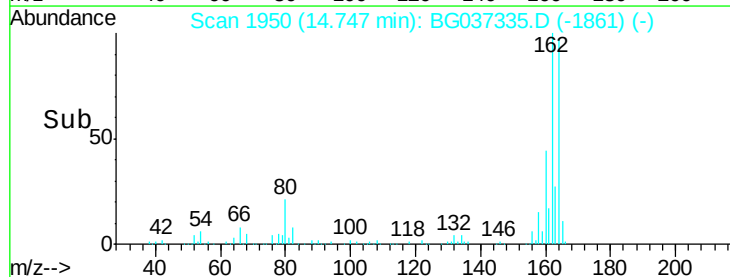
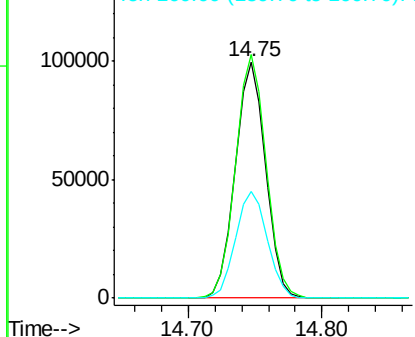


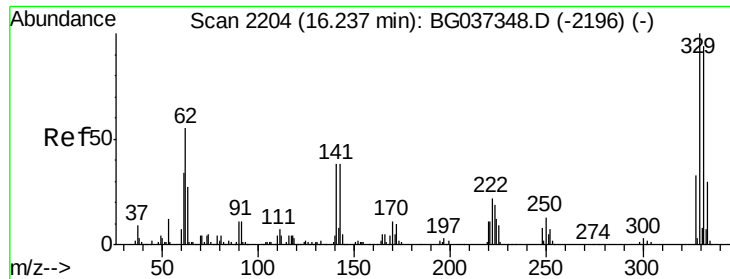
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.3	121.9
160	45.3	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: 93.607 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

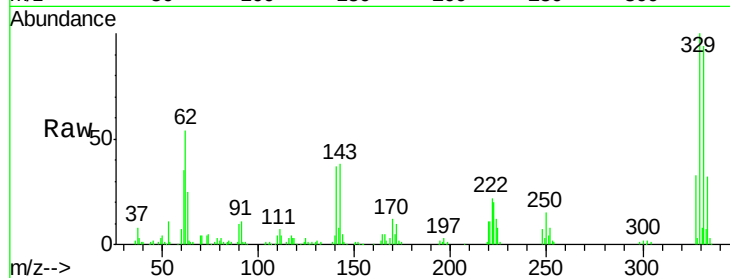
Tgt Ion:330 Resp: 143244

Ion Ratio Lower Upper

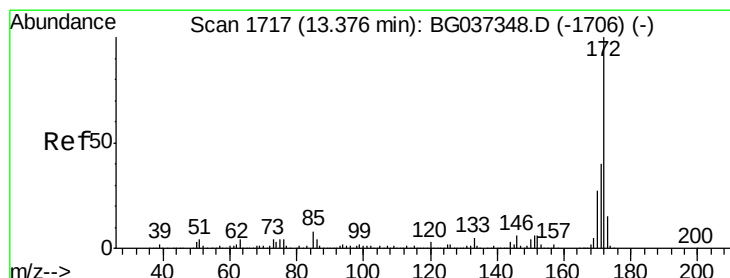
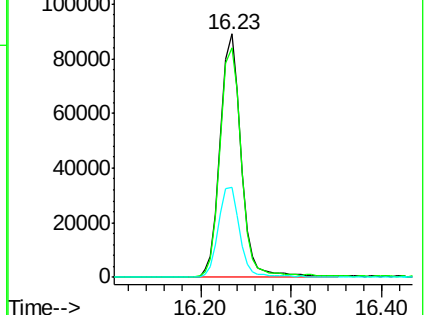
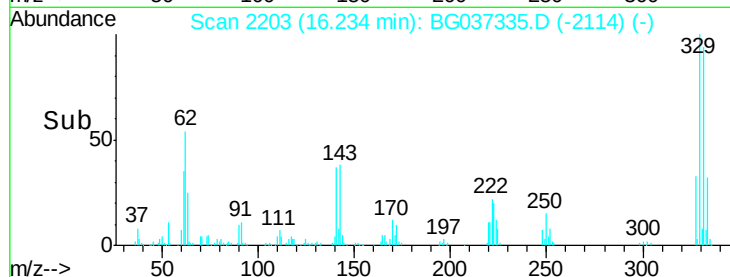
330 100

332 95.6 78.4 117.6

141 38.2 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: 63.947 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

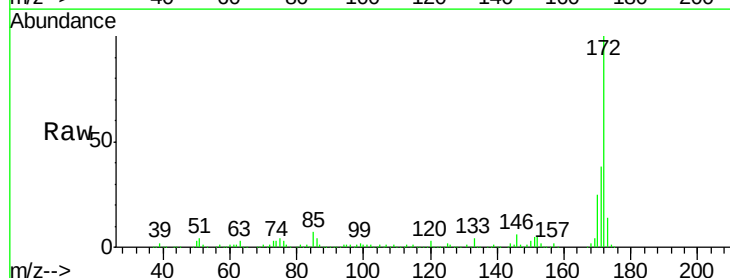
Tgt Ion:172 Resp: 664413

Ion Ratio Lower Upper

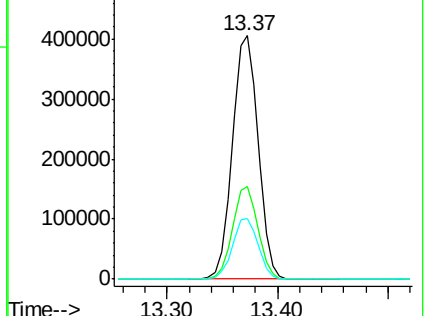
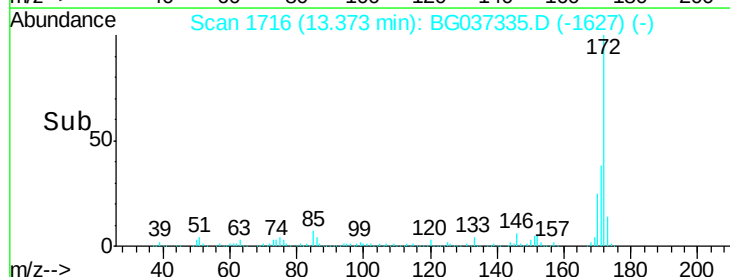
172 100

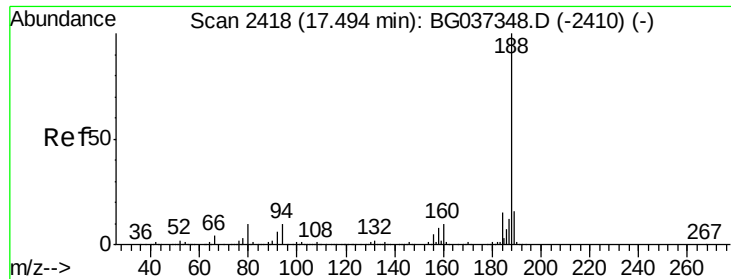
171 38.0 31.0 46.4

170 24.9 20.2 30.2



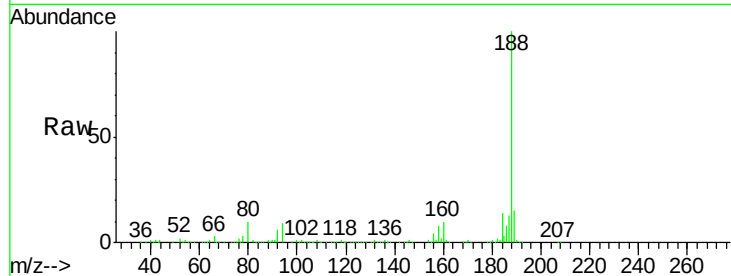
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

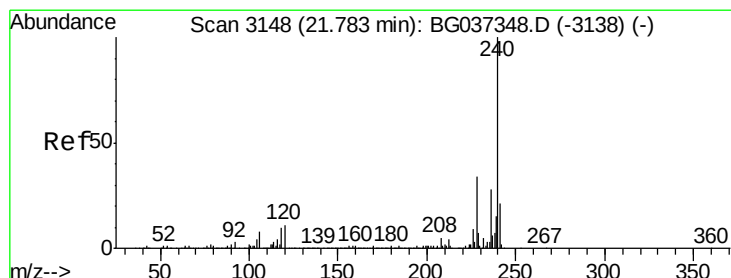
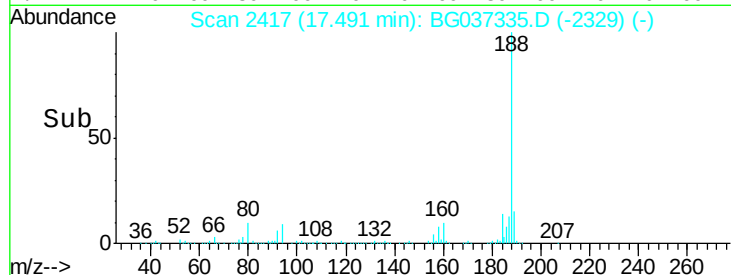
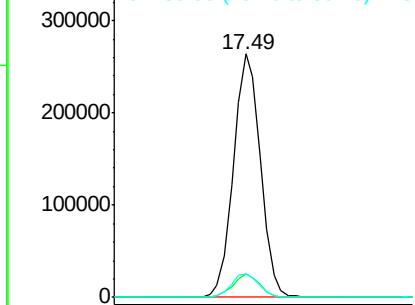
Tgt Ion:	188	Resp:	410560
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.8	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

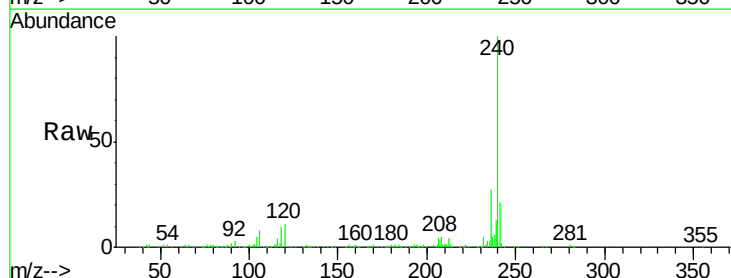
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

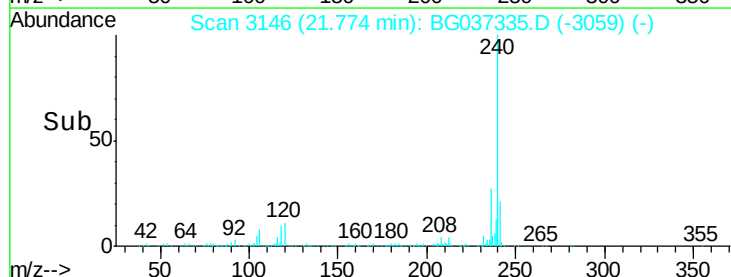
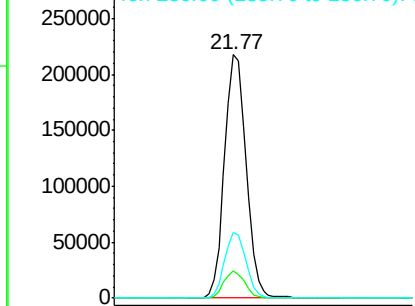
Tgt Ion:	240	Resp:	386373
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	26.8	21.4	32.0

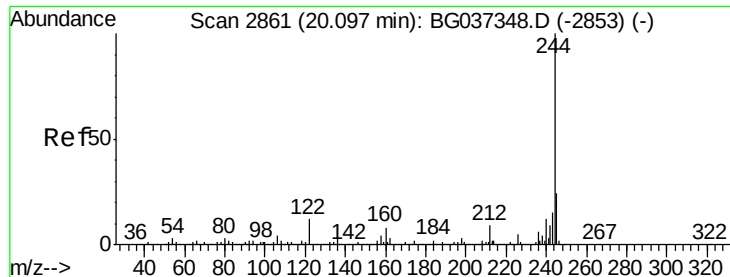


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.620 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

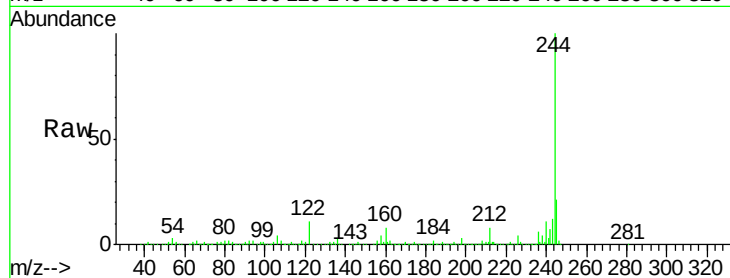
Tgt Ion:244 Resp: 1152257

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

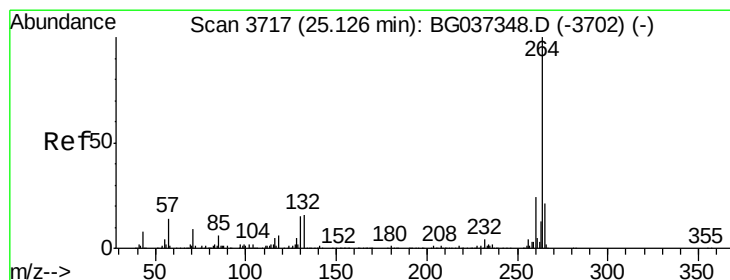
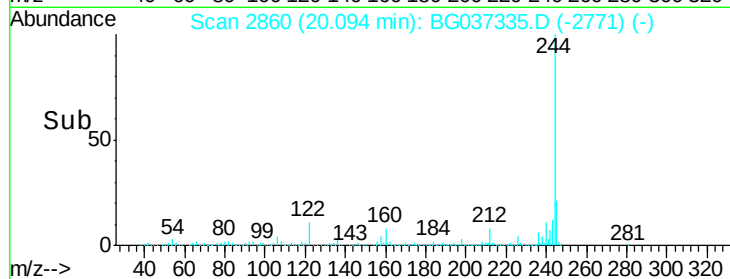
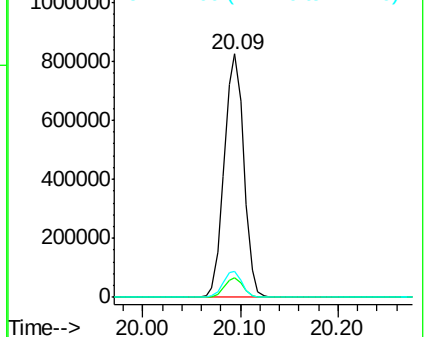
122 10.8 9.0 13.4



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# 3715

Delta R.T. -0.03 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

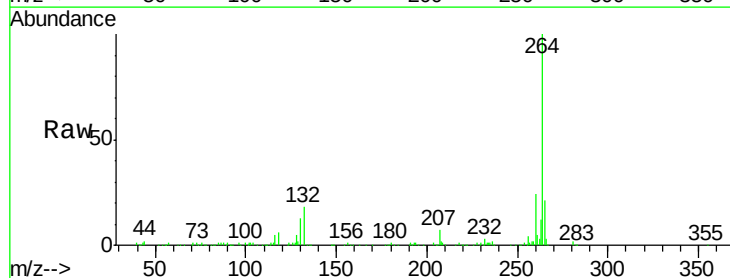
Tgt Ion:264 Resp: 383968

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.2 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

