

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101518\
 Data File : BG037346.D
 Acq On : 15 Oct 2018 23:14
 Operator : JU/SJ
 Sample : PB113837BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 16 05:22:53 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

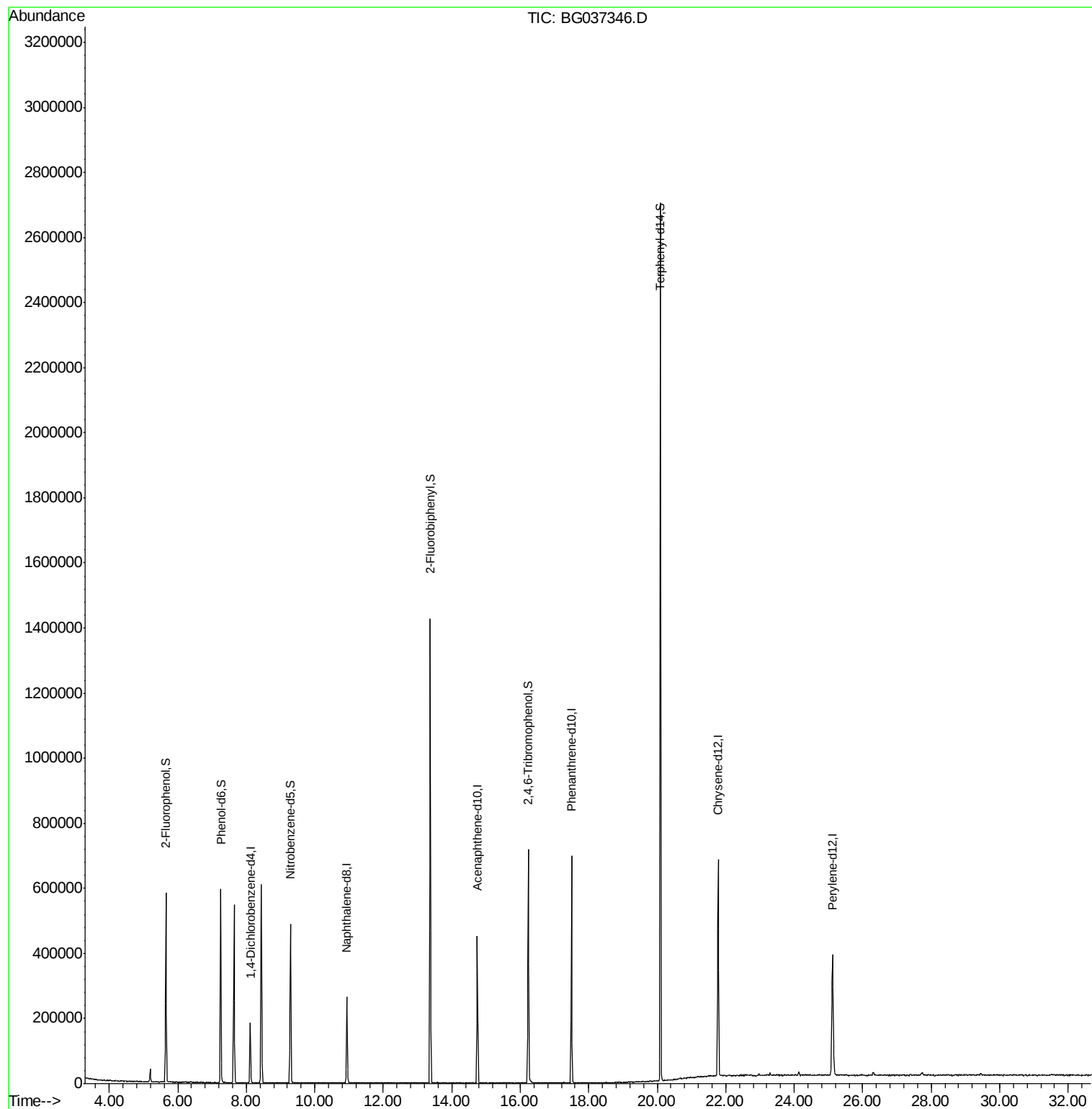
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55070	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	239212	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	165387	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	435930	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	413539	20.00	ng	-0.02
87) Perylene-d12	25.12	264	408205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	267783	85.58	ng	0.00
7) Phenol-d6	7.25	99	376861	79.35	ng	0.00
23) Nitrobenzene-d5	9.29	82	302611	83.17	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	133081	82.05	ng	-0.01
45) 2-Fluorobiphenyl	13.38	172	806846	73.26	ng	0.00
79) Terphenyl-d14	20.09	244	1280159	65.00	ng	-0.01

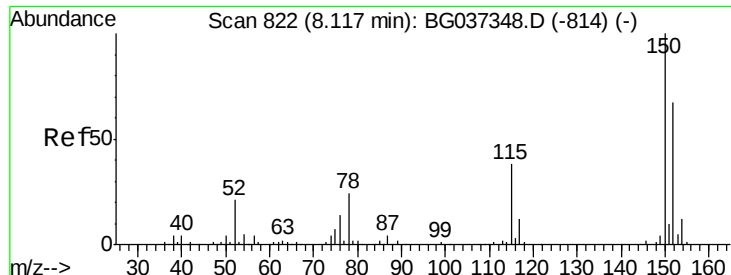
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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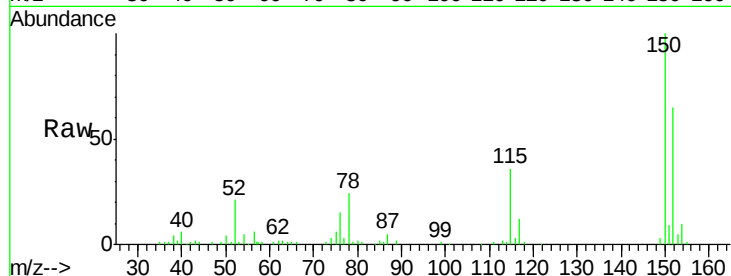




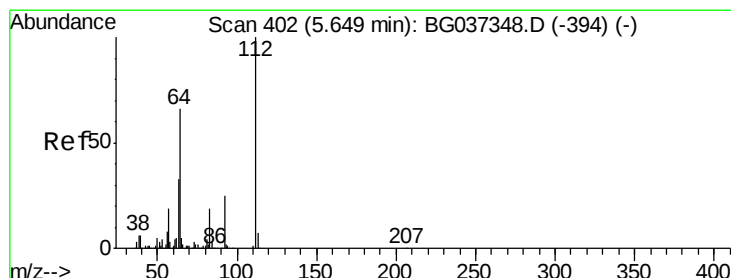
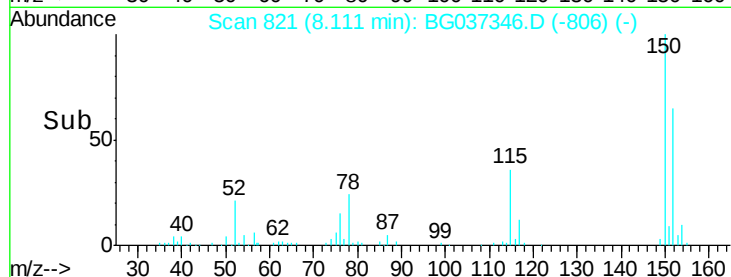
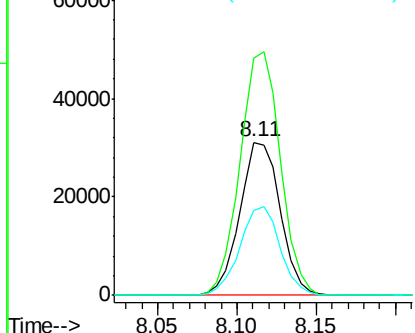
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.0	189.0
115	55.3	45.5	68.3



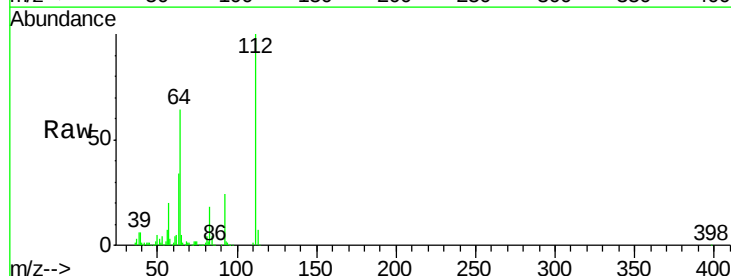
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



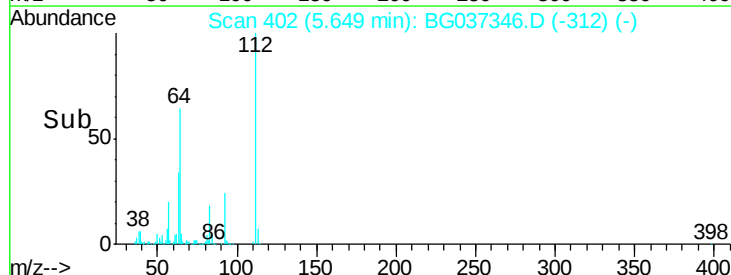
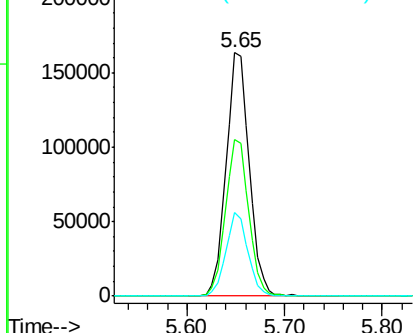
#5

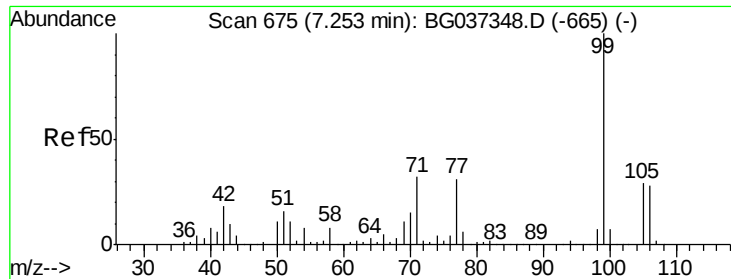
2-Fluorophenol
Concen: 85.577 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.1	79.7
63	34.3	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: 79.347 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037346.D

Acq: 15 Oct 2018 23:14

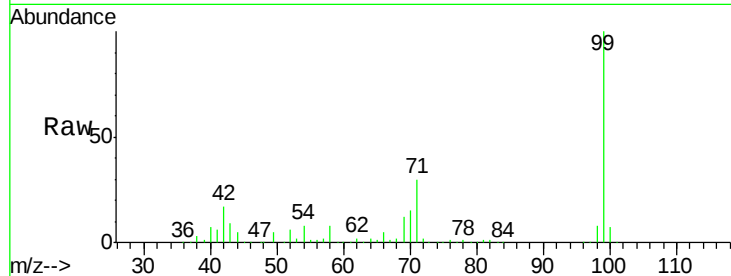
Tgt Ion: 99 Resp: 376861

Ion Ratio Lower Upper

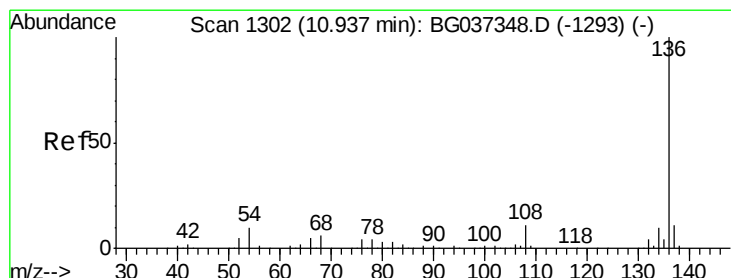
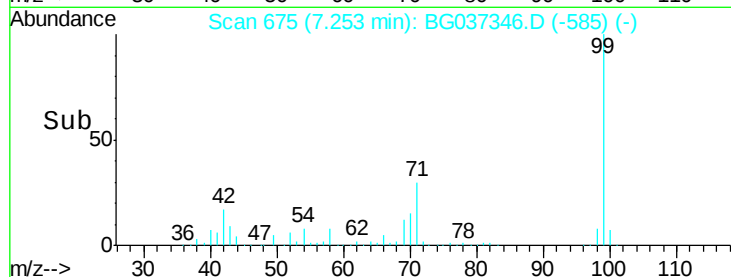
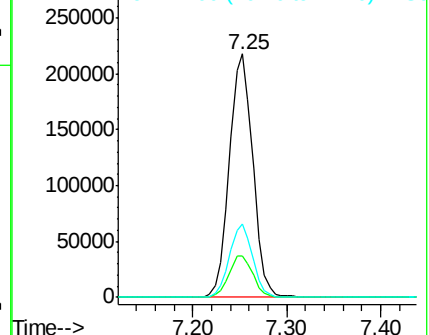
99 100

42 16.9 15.0 22.4

71 30.0 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: BG037346.D

Acq: 15 Oct 2018 23:14

Tgt Ion: 136 Resp: 239212

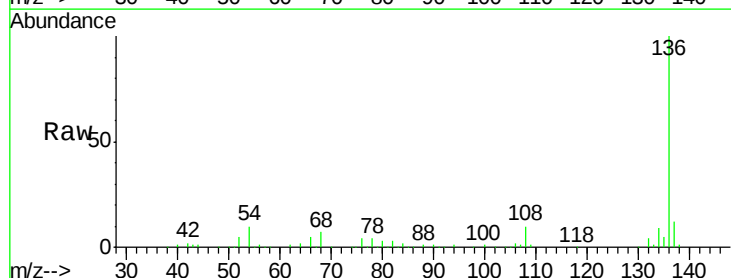
Ion Ratio Lower Upper

136 100

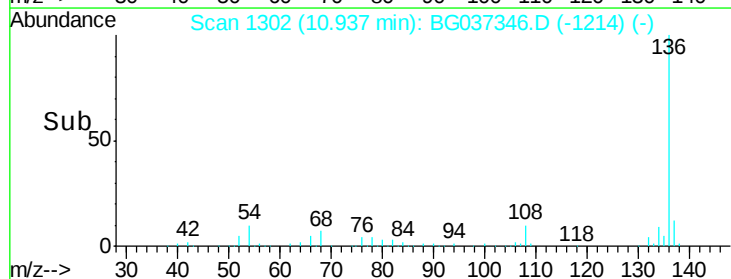
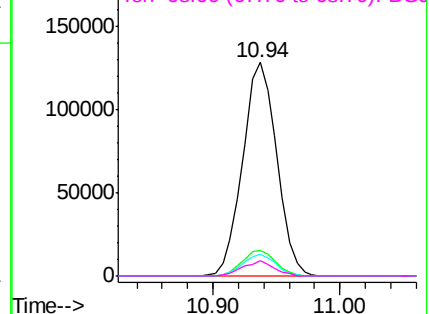
137 12.2 9.6 14.4

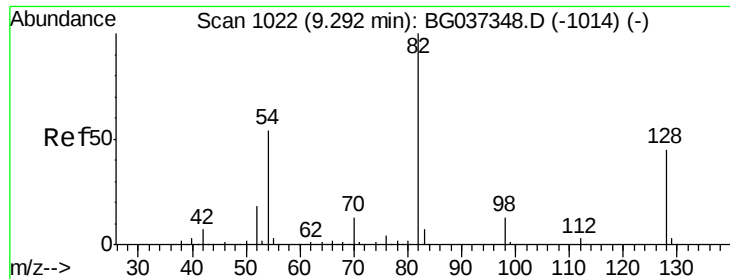
54 10.3 7.9 11.9

68 7.2 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: 83.169 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG037346.D

Acq: 15 Oct 2018 23:14

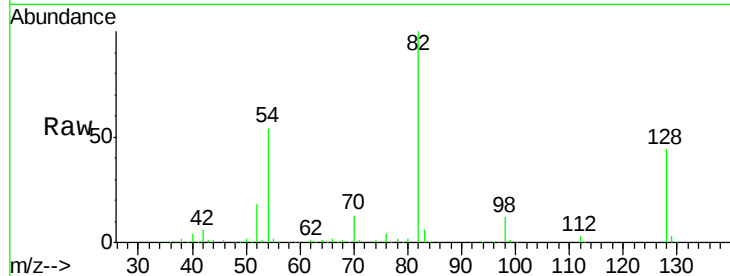
Tgt Ion: 82 Resp: 302611

Ion Ratio Lower Upper

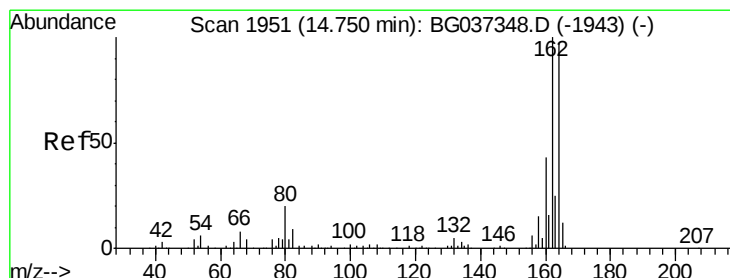
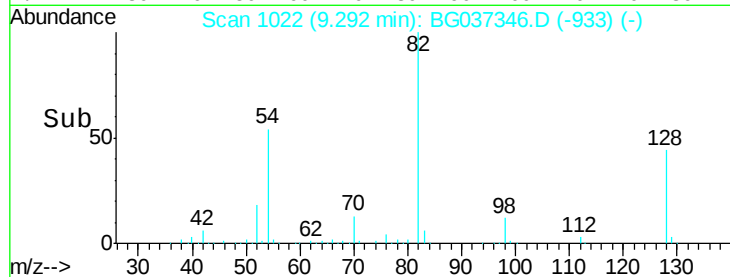
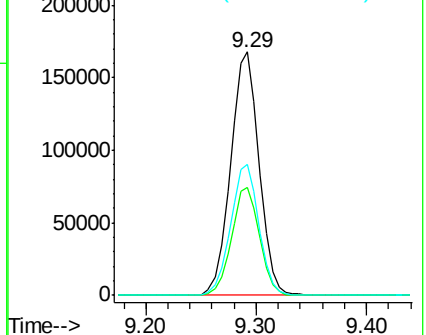
82 100

128 44.1 34.6 51.8

54 53.6 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: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037346.D

Acq: 15 Oct 2018 23:14

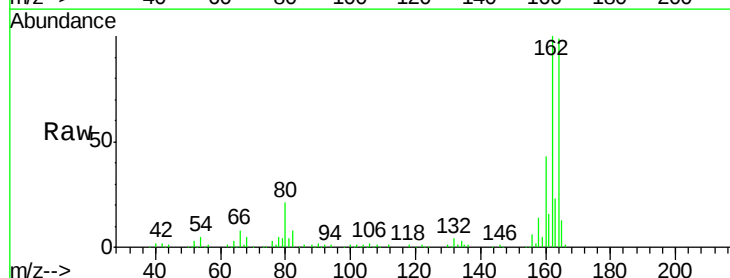
Tgt Ion: 164 Resp: 165387

Ion Ratio Lower Upper

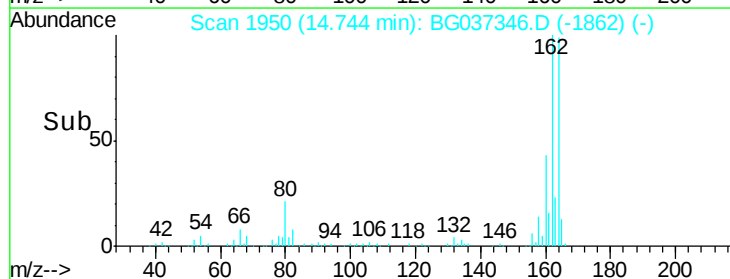
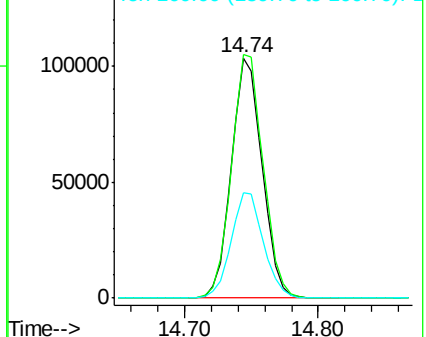
164 100

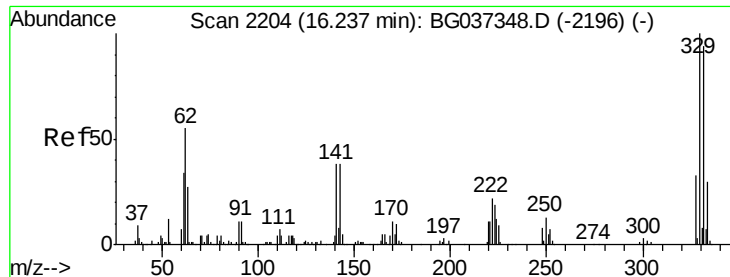
162 101.3 81.3 121.9

160 43.7 36.3 54.5



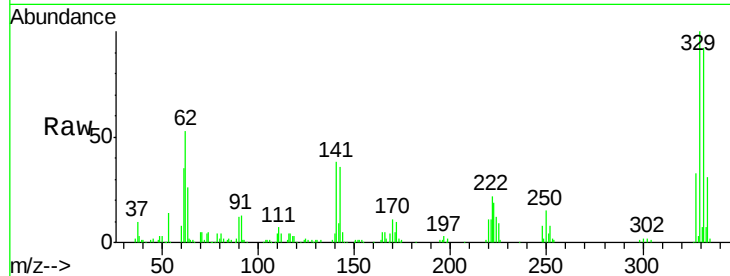
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



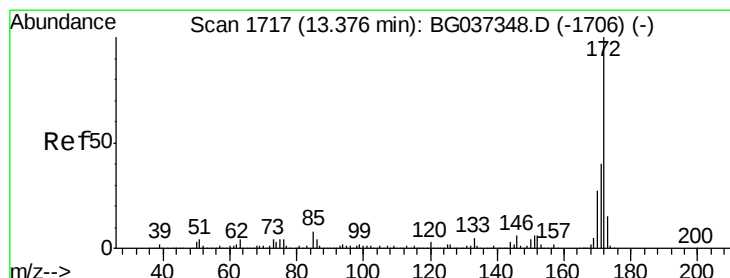
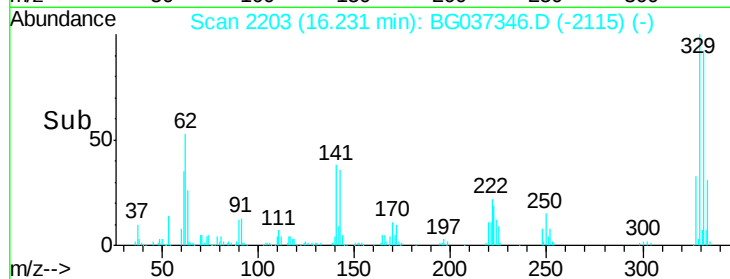
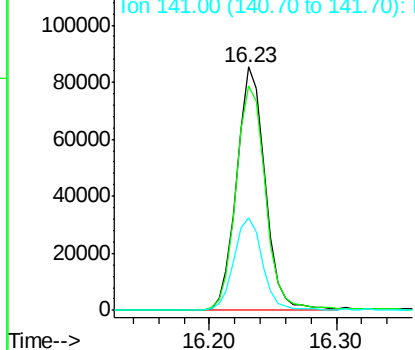


#42
 2,4,6-Tribromophenol
 Concen: 82.048 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.4	117.6
141	38.3	32.2	48.2

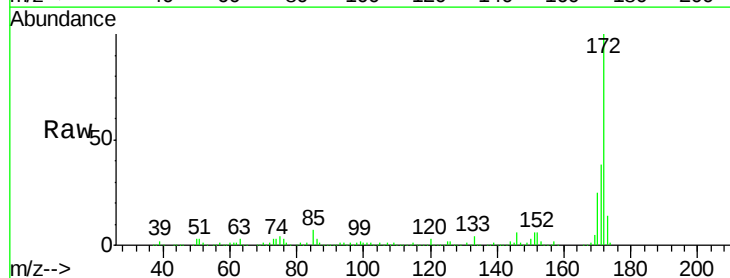


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

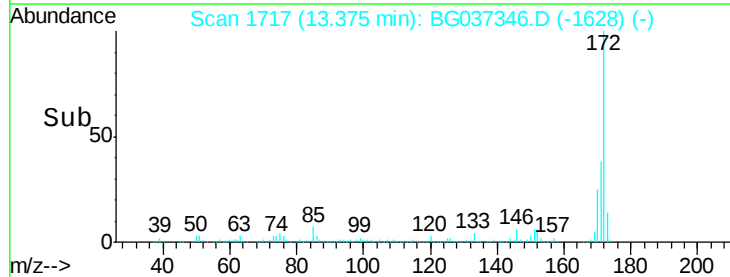
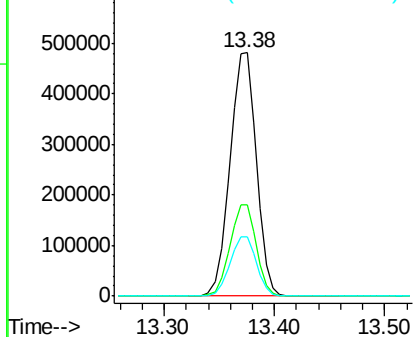


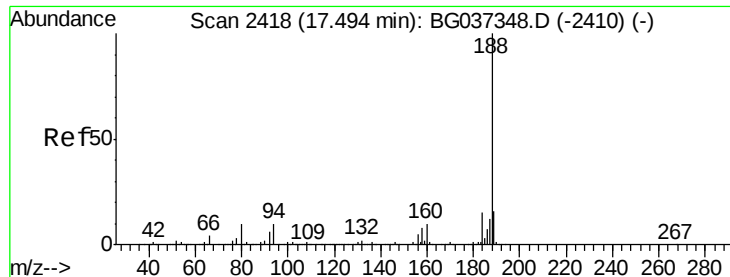
#45
 2-Fluorobiphenyl
 Concen: 73.264 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.5	20.2	30.2



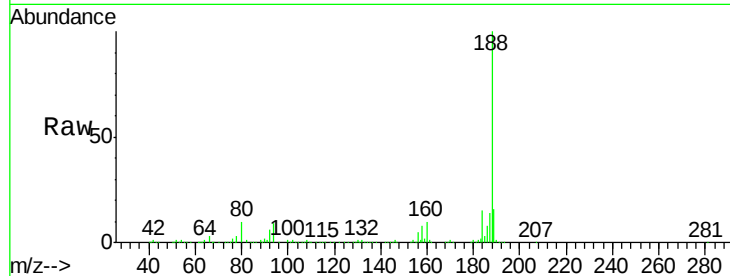
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



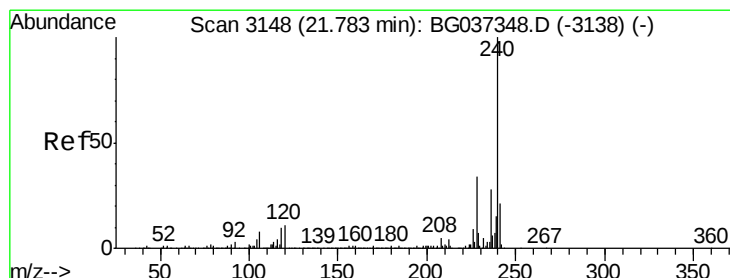
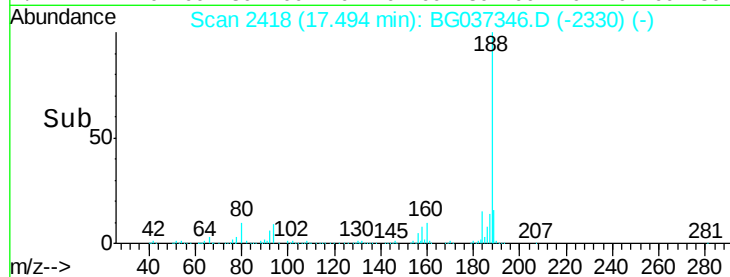
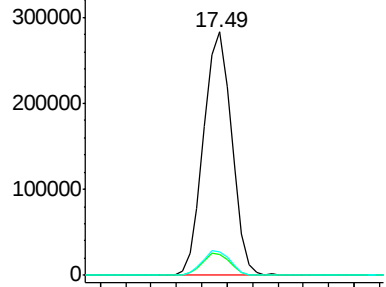


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tgt Ion:	188	Resp:	435930
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.7	7.7	11.5

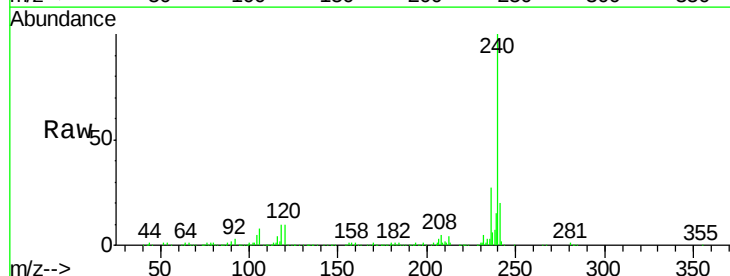


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

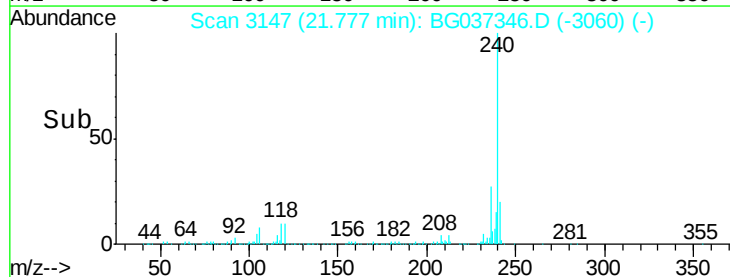
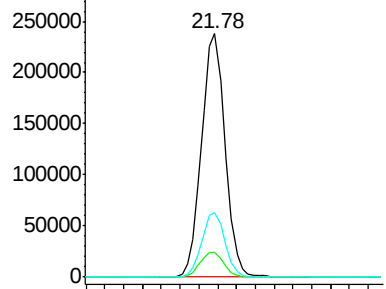


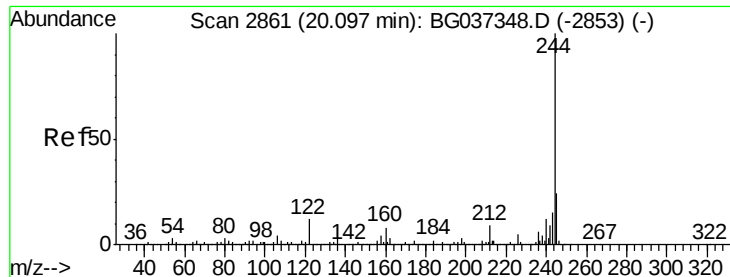
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tgt Ion:	240	Resp:	413539
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.7	21.4	32.0



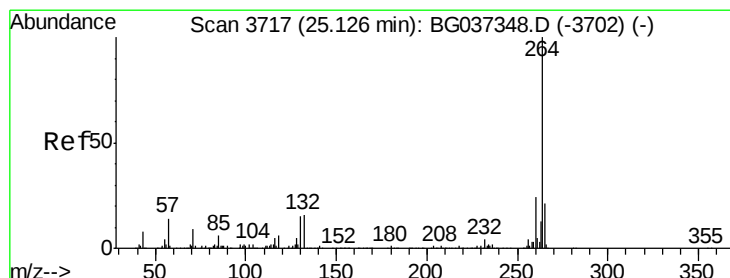
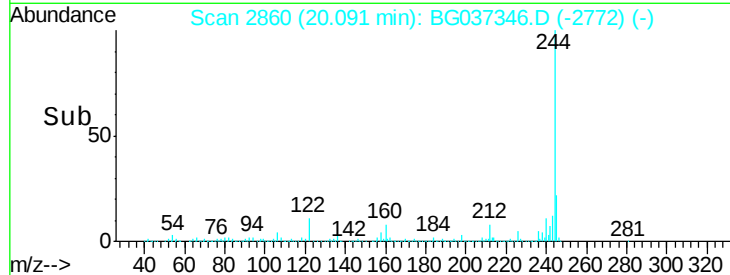
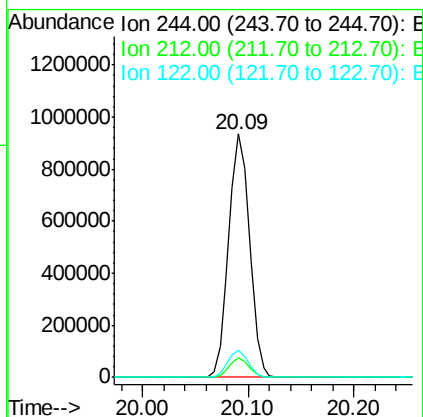
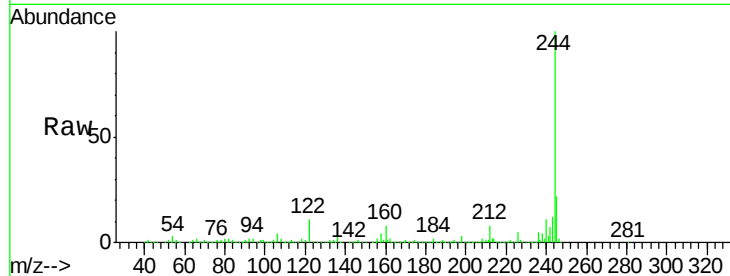
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79
 Terphenyl-d14
 Concen: 65.000 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tgt Ion:244 Resp: 1280159
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 11.3 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tgt Ion:264 Resp: 408205
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.4
 265 21.9 17.9 26.9

