

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\
 Data File : BG037110.D
 Acq On : 2 Oct 2018 18:38
 Operator : JU/SJ
 Sample : J5191-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 02:00:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

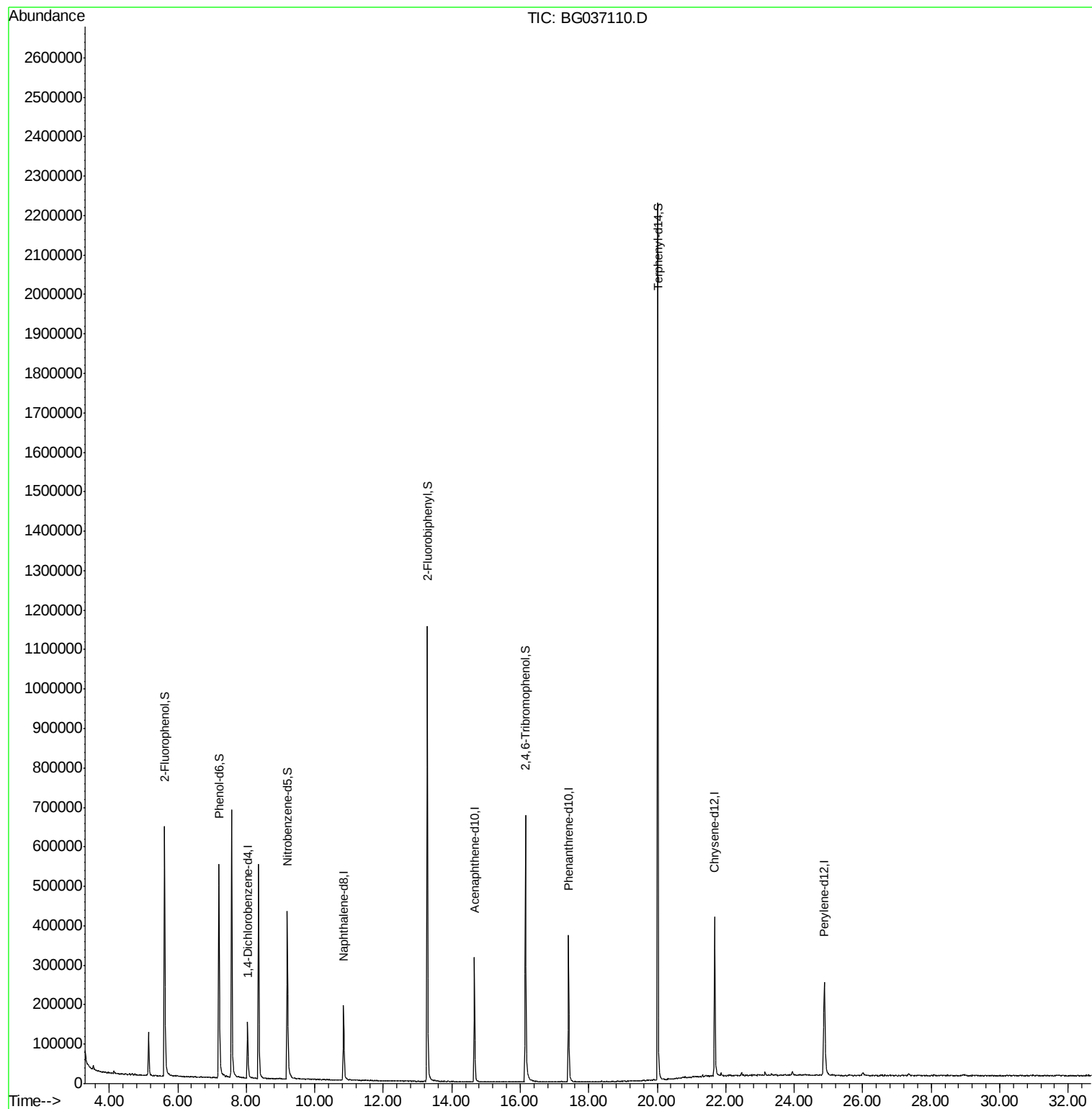
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47622	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	194937	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	116527	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	276788	20.00	ng	0.00
75) Chrysene-d12	21.67	240	288632	20.00	ng	-0.02
86) Perylene-d12	24.88	264	275612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	303628	122.27	ng	0.00
7) Phenol-d6	7.20	99	364455	94.86	ng	-0.01
23) Nitrobenzene-d5	9.20	82	317497	87.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	149613	107.31	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	666169	85.15	ng	-0.01
78) Terphenyl-d14	20.02	244	1073915	97.84	ng	-0.01

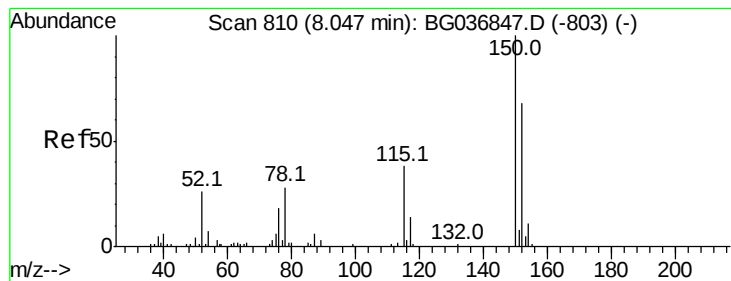
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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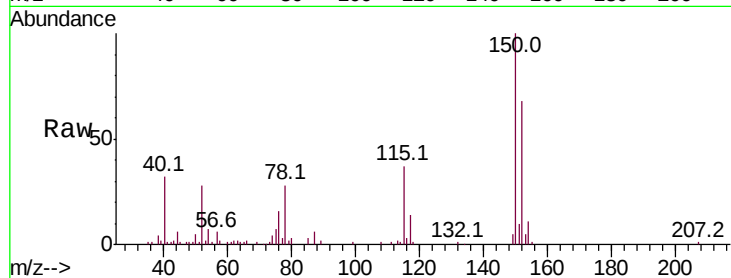




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	119.5	179.3
115	55.2	44.5	66.7

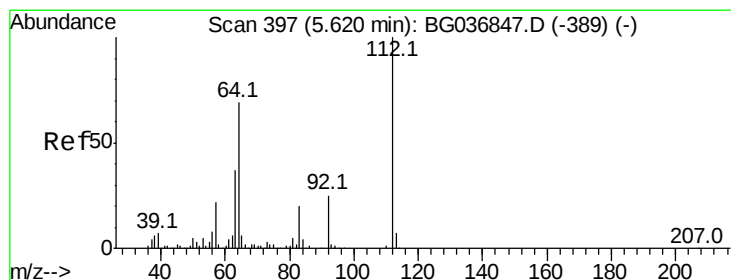
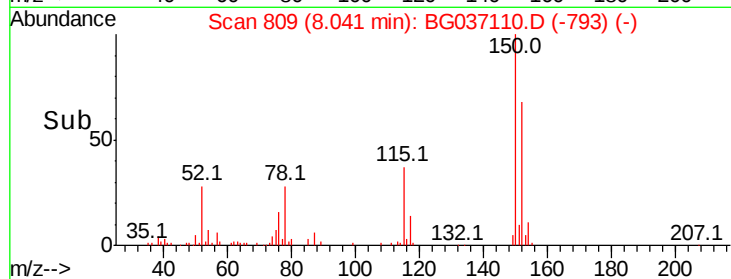
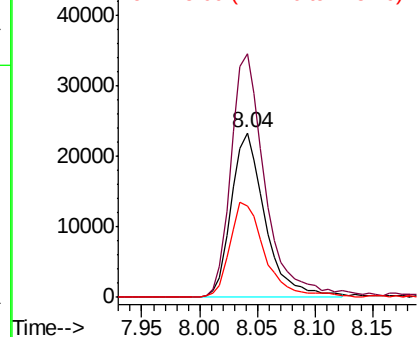


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

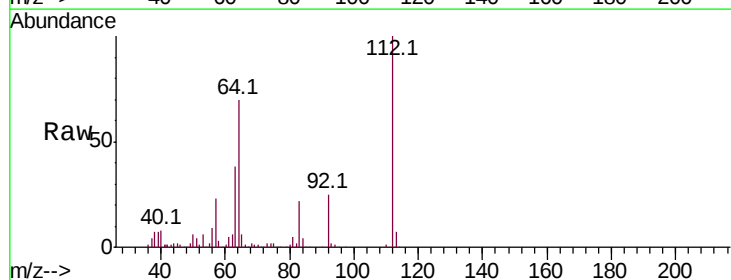
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.274 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.2	85.8
63	37.7	30.8	46.2

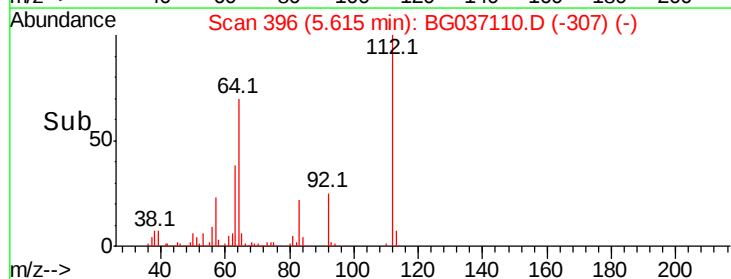
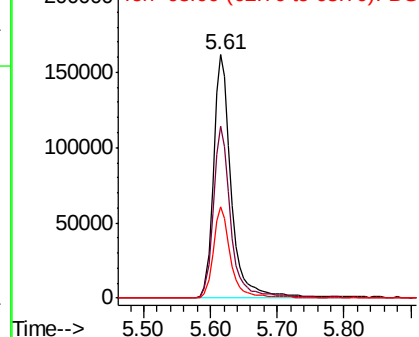


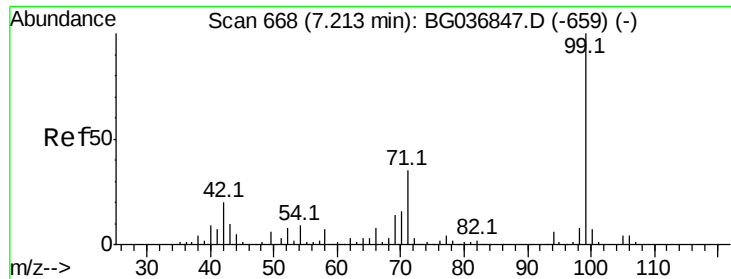
Abundance

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: 94.863 ng

RT: 7.20 min Scan# 666

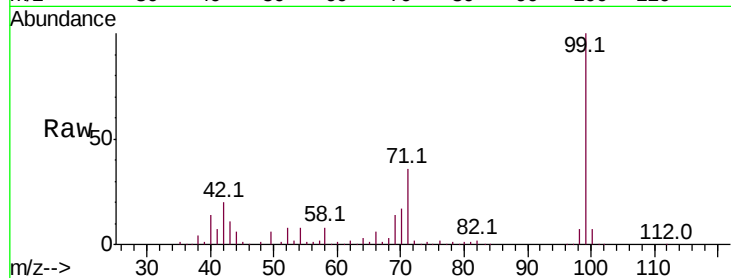
Delta R.T. -0.01 min

Lab File: BG037110.D

Acq: 2 Oct 2018 18:38

Tot Ion: 99 Resp: 364455

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.5	24.7
71	35.7	29.4	44.2

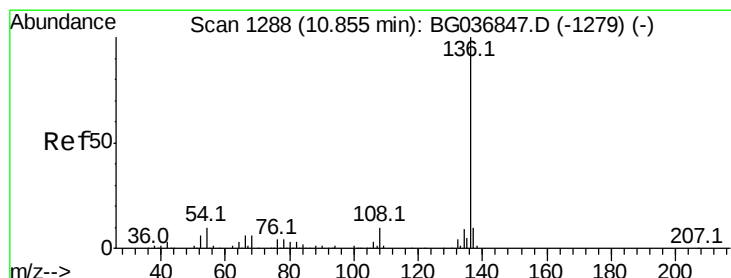
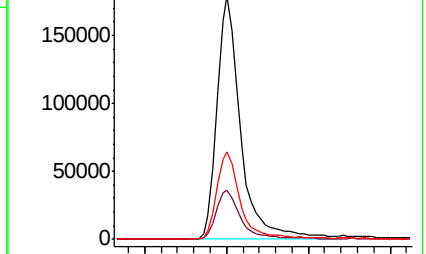
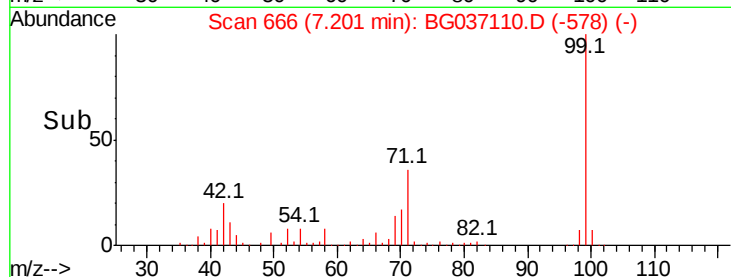


Abundance

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: 10.84 min Scan# 1286

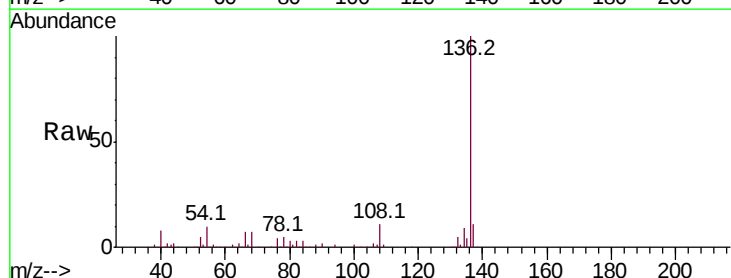
Delta R.T. -0.01 min

Lab File: BG037110.D

Acq: 2 Oct 2018 18:38

Tgt Ion: 136 Resp: 194937

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.9	9.2	13.8
68	7.0	5.8	8.6



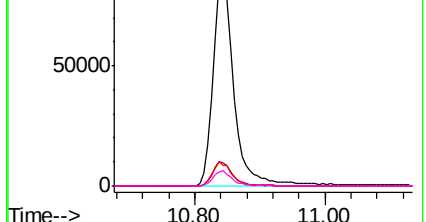
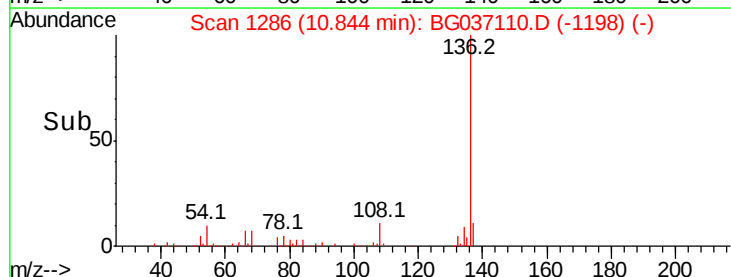
Abundance

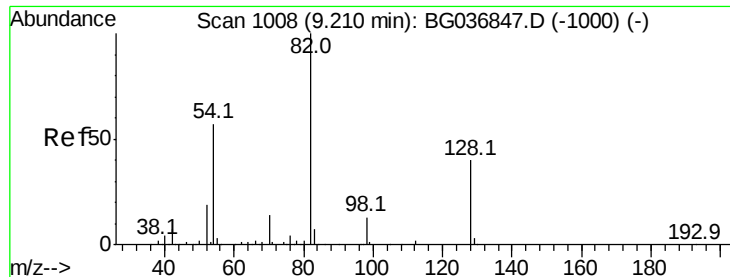
Ion 136.00 (135.70 to 136.70): BGC

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: 87.219 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG037110.D

Acq: 2 Oct 2018 18:38

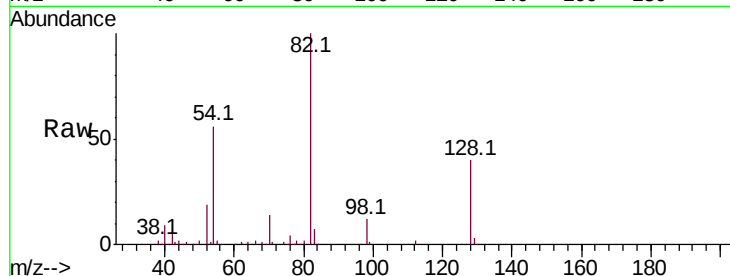
Tot Ion: 82 Resp: 317497

Ion Ratio Lower Upper

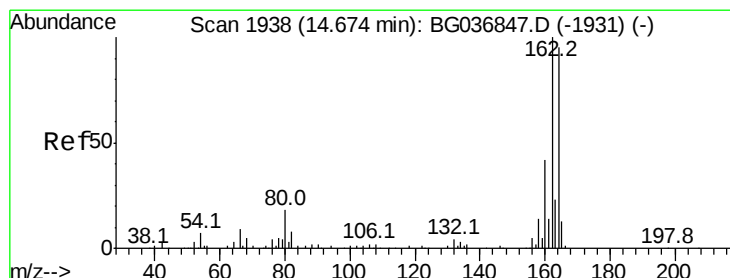
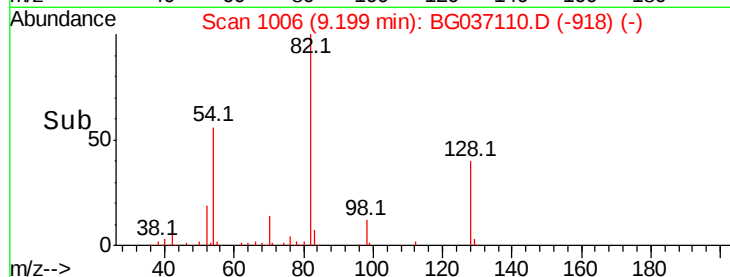
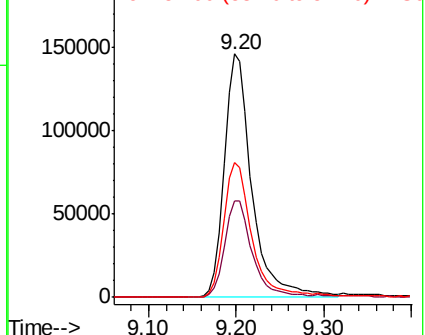
82 100

128 39.6 33.3 49.9

54 55.6 45.1 67.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037110.D

Acq: 2 Oct 2018 18:38

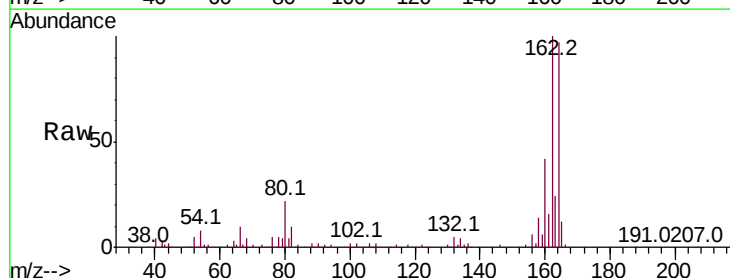
Tgt Ion: 164 Resp: 116527

Ion Ratio Lower Upper

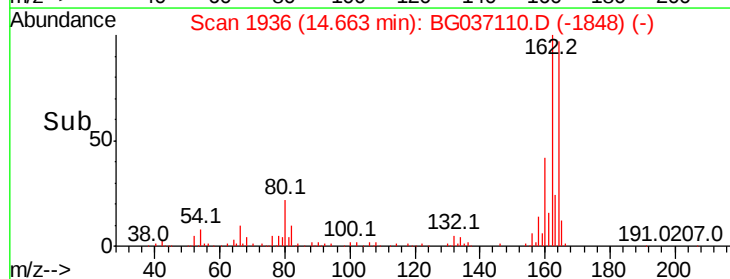
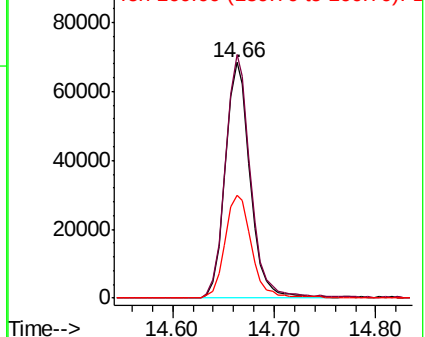
164 100

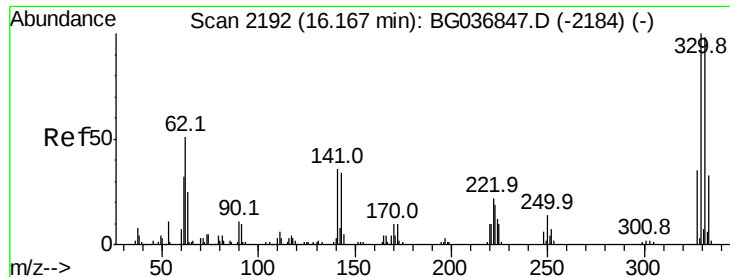
162 103.3 80.7 121.1

160 43.8 35.3 52.9



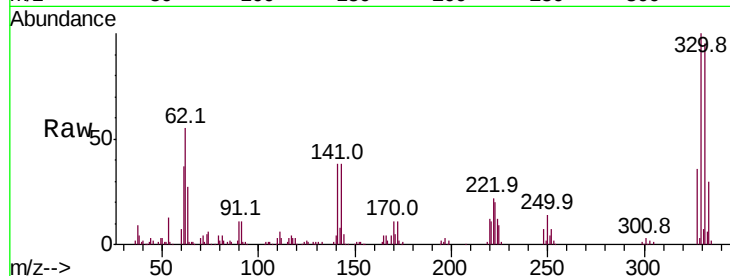
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



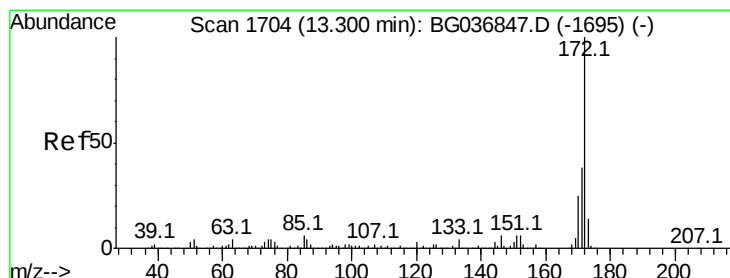
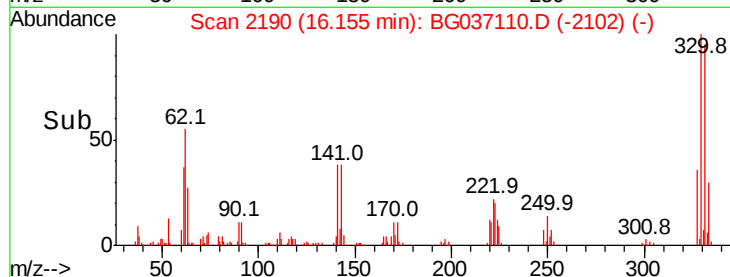
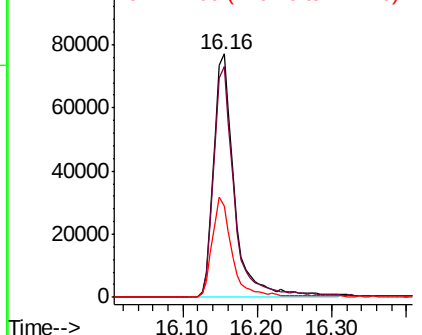


#41
 2,4,6-Tribromophenol
 Concen: 107.313 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037110.D
 Acq: 2 Oct 2018 18:38

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.2
141	39.8	30.7	46.1

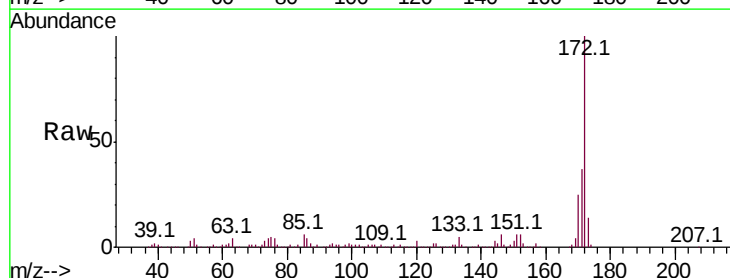


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

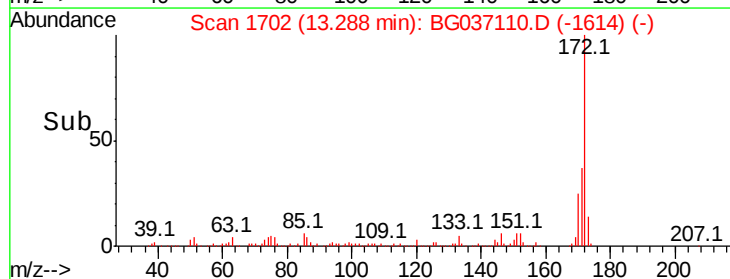
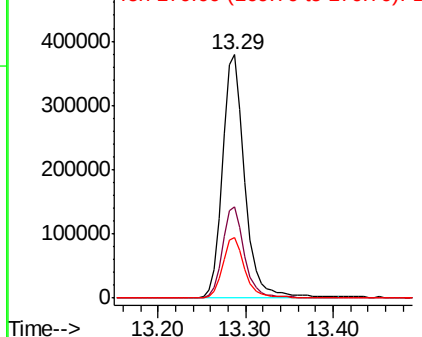


#44
 2-Fluorobiphenyl
 Concen: 85.146 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037110.D
 Acq: 2 Oct 2018 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	24.7	21.0	31.6



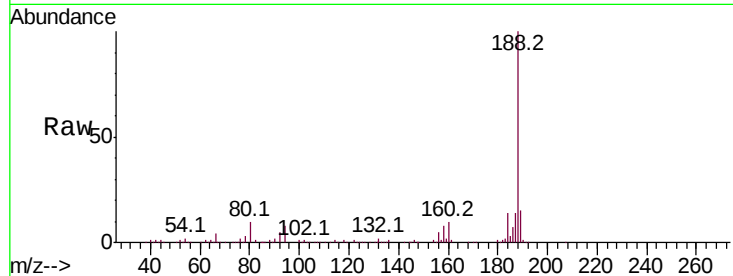
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



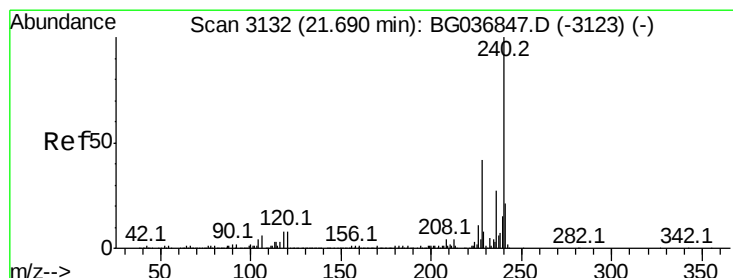
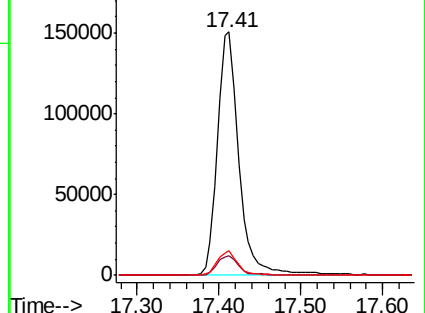
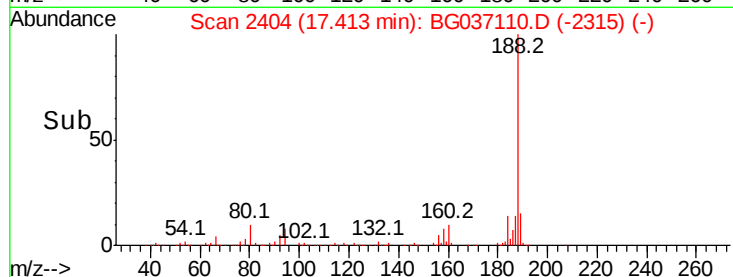


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	10.0	8.1	12.1

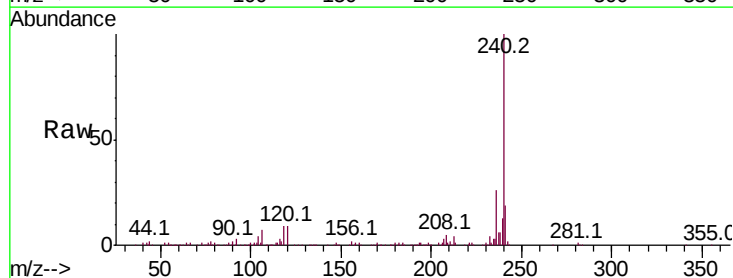


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

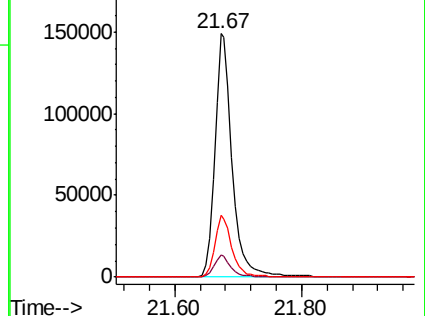
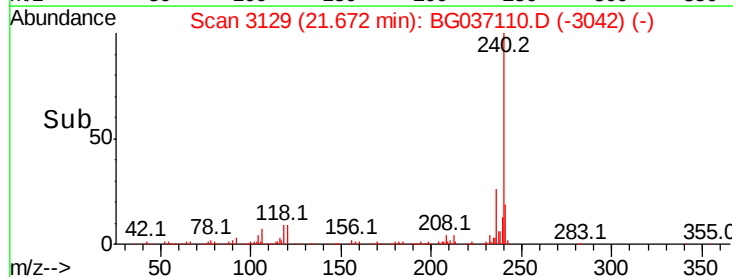


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.9	10.3
236	25.6	21.2	31.8



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

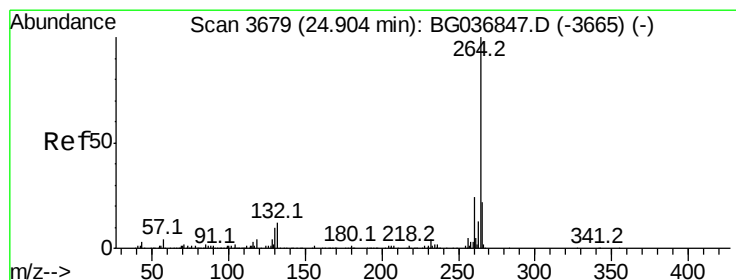
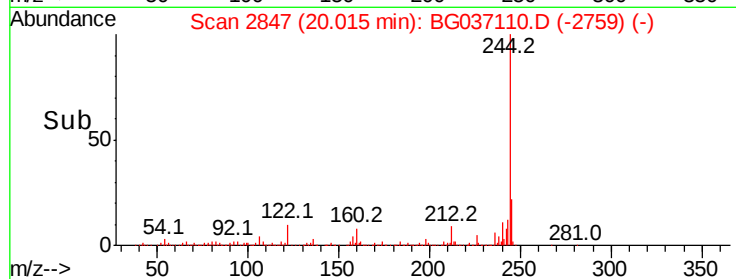
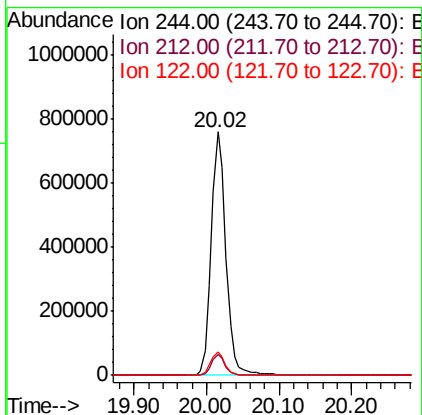
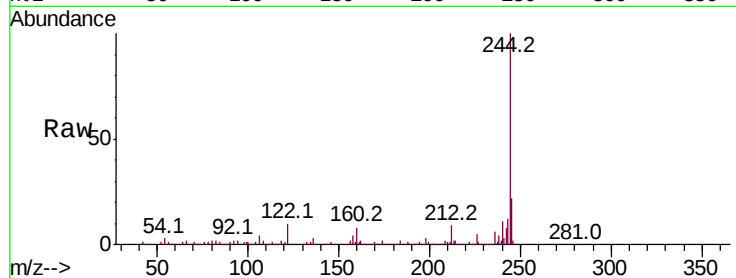




#78
 Terphenyl-d14
 Concen: 97.836 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037110.D
 Acq: 2 Oct 2018 18:38

Tot Ion:244 Resp: 1073915

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.7	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037110.D
 Acq: 2 Oct 2018 18:38

Tgt Ion:264 Resp: 275612

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.0	17.4	26.0

