

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\
 Data File : BG037113.D
 Acq On : 2 Oct 2018 20:34
 Operator : JU/SJ
 Sample : J5200-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 03 02:48:33 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

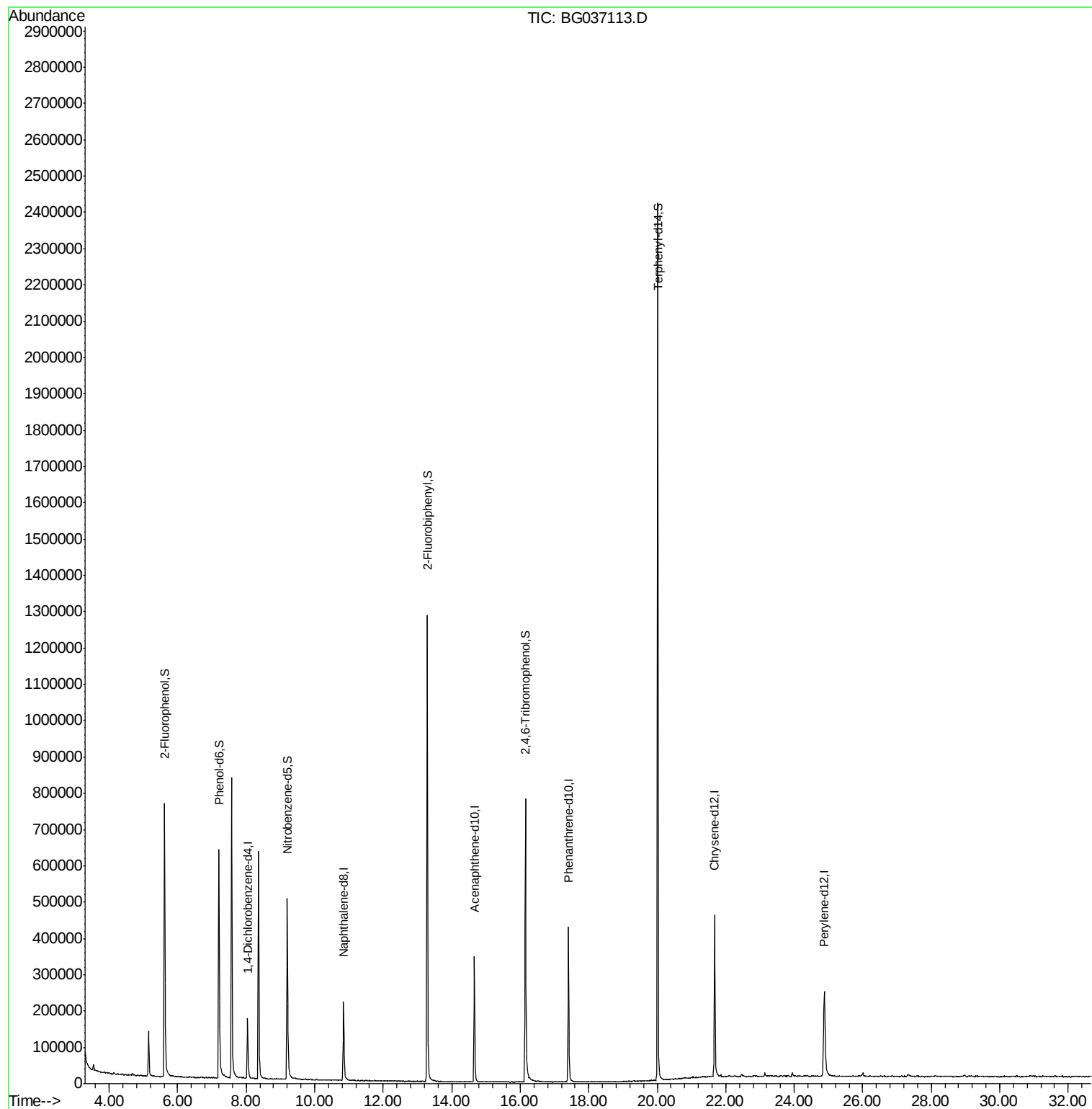
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	55576	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	219841	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	129925	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	318290	20.00	ng	0.00
75) Chrysene-d12	21.67	240	318904	20.00	ng	-0.02
86) Perylene-d12	24.88	264	307681	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	361636	124.79	ng	0.00
7) Phenol-d6	7.20	99	427729	95.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	367347	89.48	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	175982	113.21	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	736829	84.47	ng	-0.02
78) Terphenyl-d14	20.02	244	1192499	98.33	ng	0.00

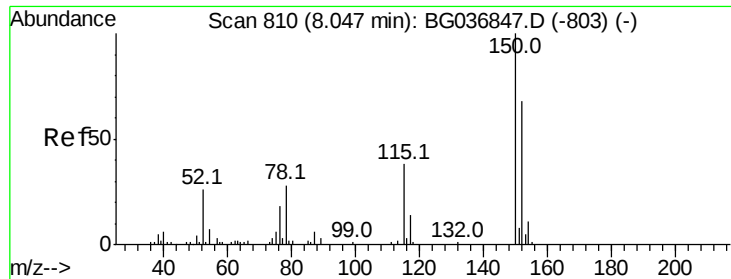
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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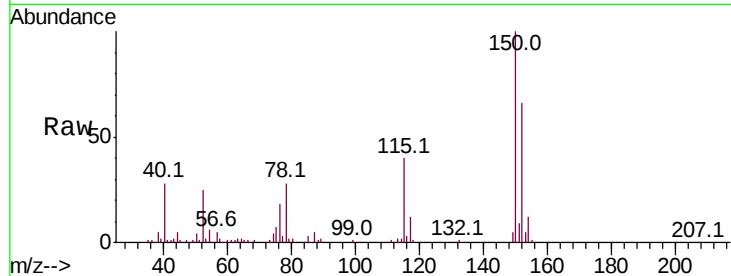




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037113.D
Acq: 2 Oct 2018 20:34

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	60.9	44.5	66.7

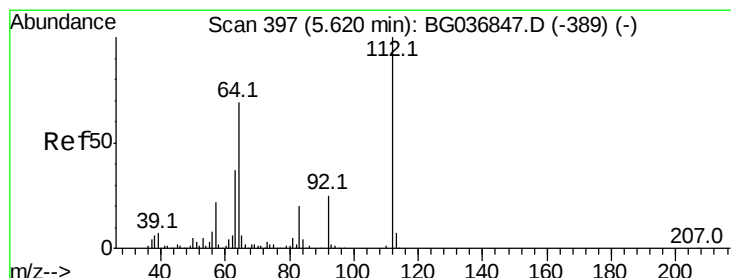
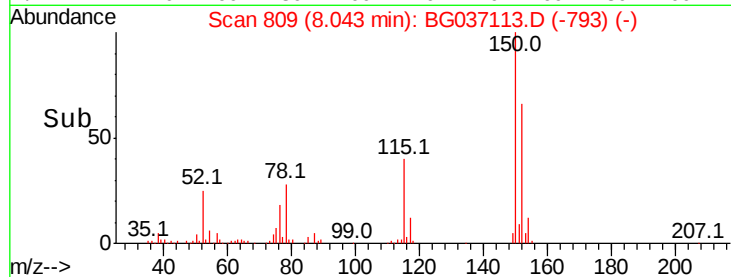
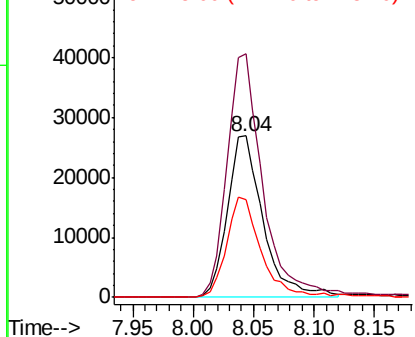


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

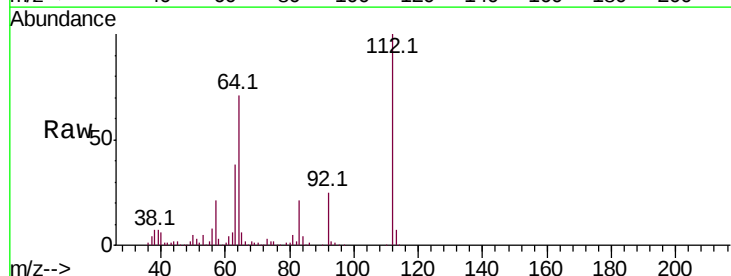
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.791 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037113.D
Acq: 2 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	57.2	85.8
63	37.6	30.8	46.2

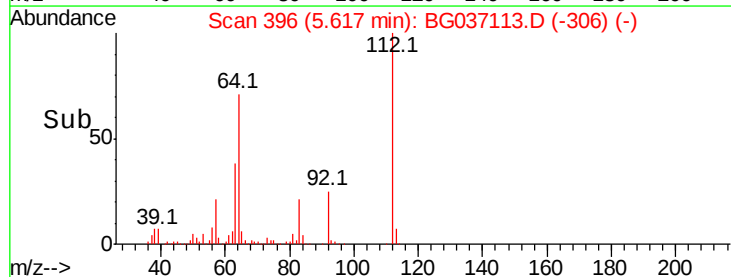
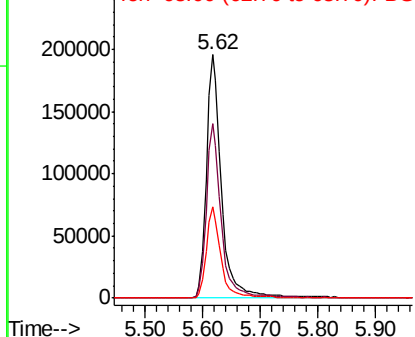


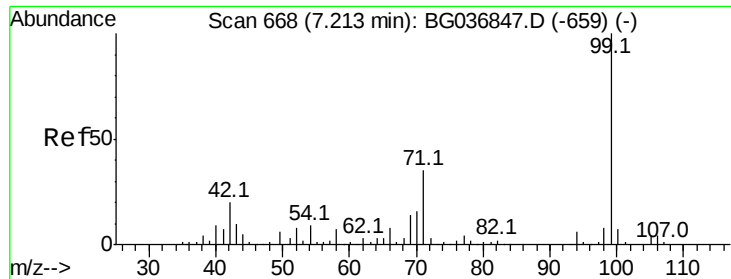
Abundance

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: 95.399 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037113.D

Acq: 2 Oct 2018 20:34

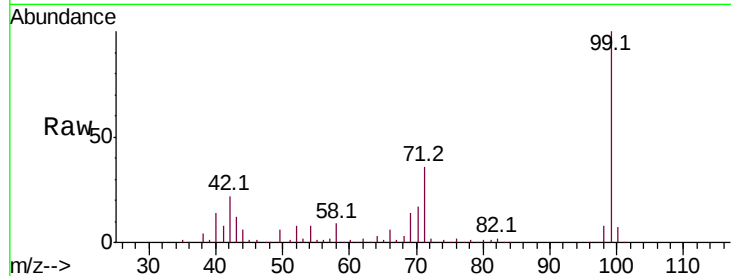
Tot Ion: 99 Resp: 427729

Ion Ratio Lower Upper

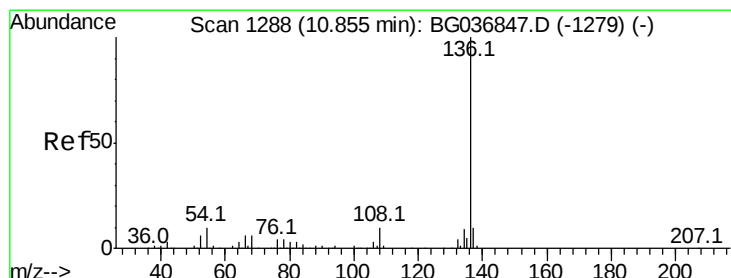
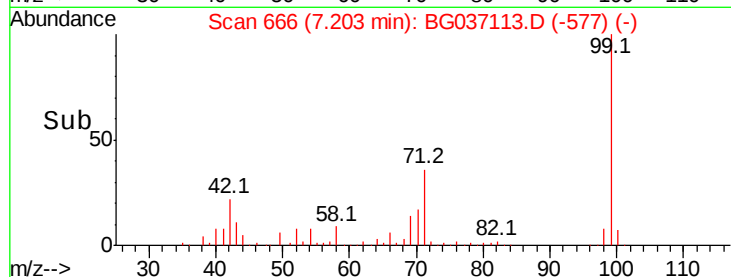
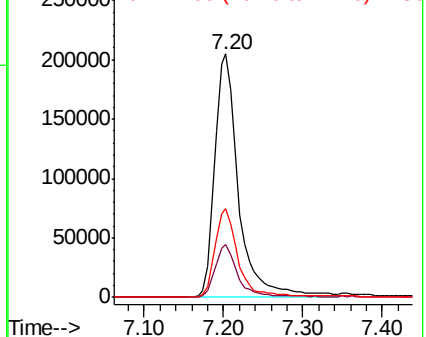
99 100

42 21.7 16.5 24.7

71 36.4 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# 1285

Delta R.T. -0.02 min

Lab File: BG037113.D

Acq: 2 Oct 2018 20:34

Tgt Ion: 136 Resp: 219841

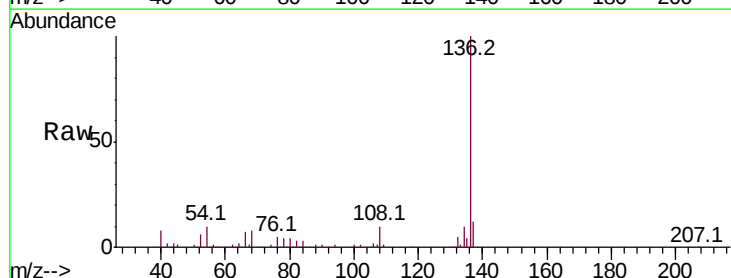
Ion Ratio Lower Upper

136 100

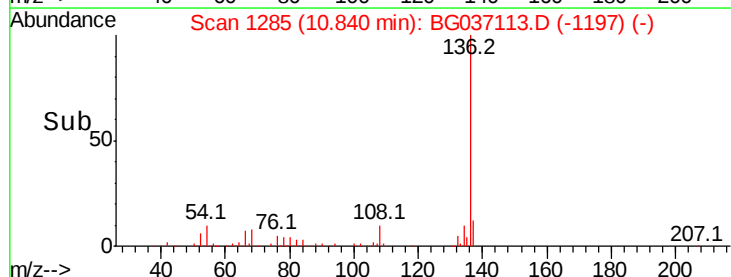
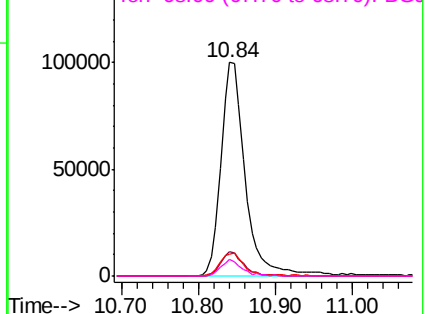
137 11.5 8.8 13.2

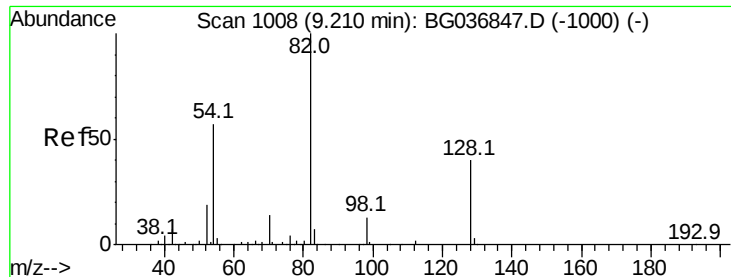
54 10.3 9.2 13.8

68 7.7 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: 89.482 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG037113.D

Acq: 2 Oct 2018 20:34

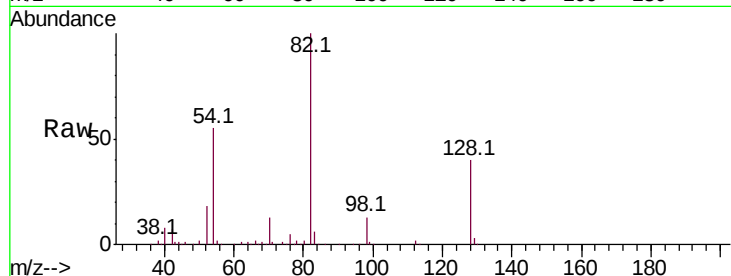
Tot Ion: 82 Resp: 367347

Ion Ratio Lower Upper

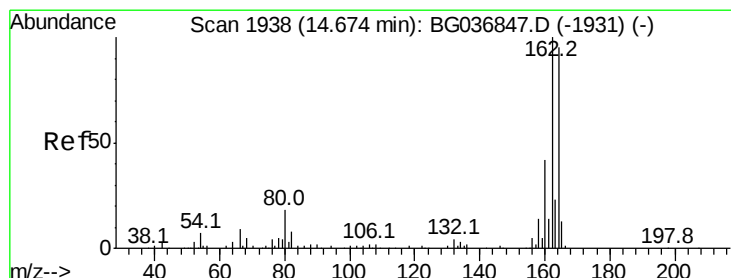
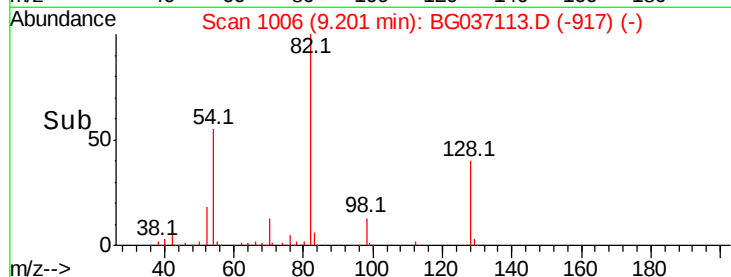
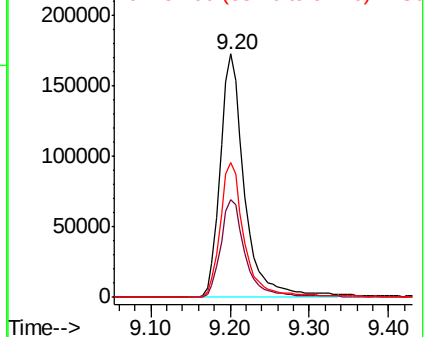
82 100

128 40.2 33.3 49.9

54 55.5 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: 14.67 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037113.D

Acq: 2 Oct 2018 20:34

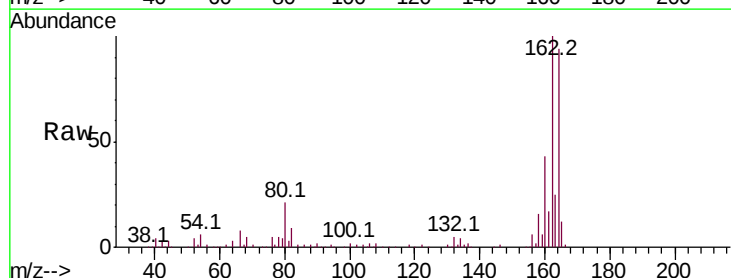
Tgt Ion: 164 Resp: 129925

Ion Ratio Lower Upper

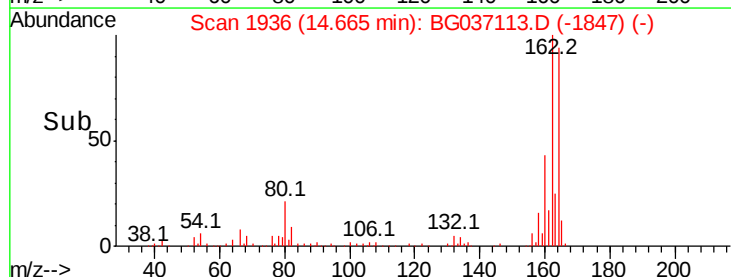
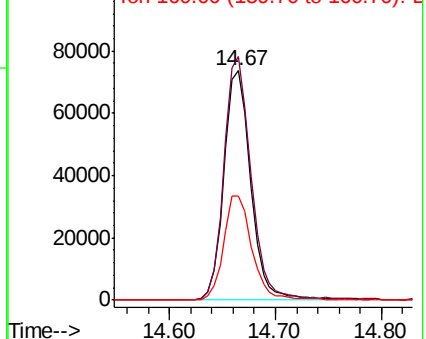
164 100

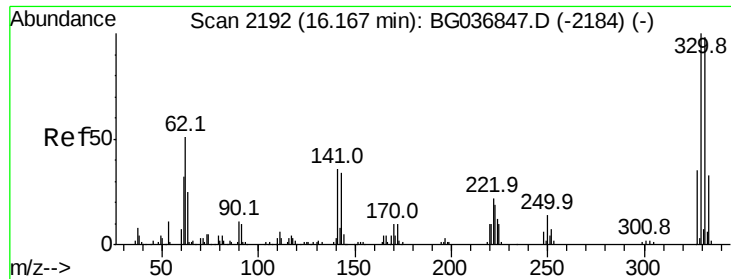
162 106.2 80.7 121.1

160 45.7 35.3 52.9



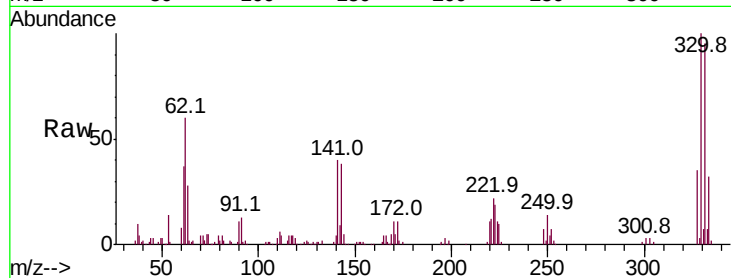
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



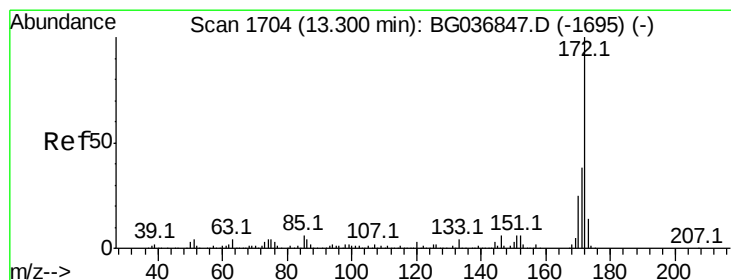
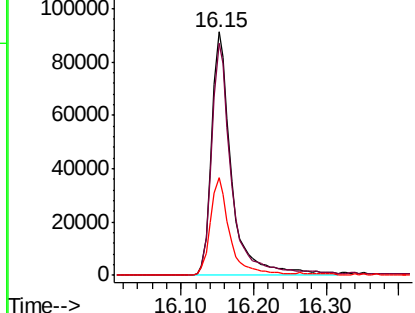
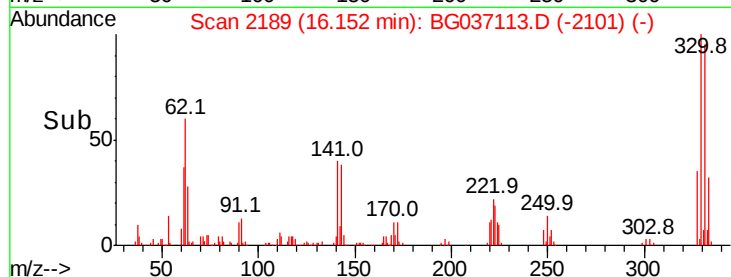


#41
 2,4,6-Tribromophenol
 Concen: 113.210 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037113.D
 Acq: 2 Oct 2018 20:34

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	38.6	30.7	46.1

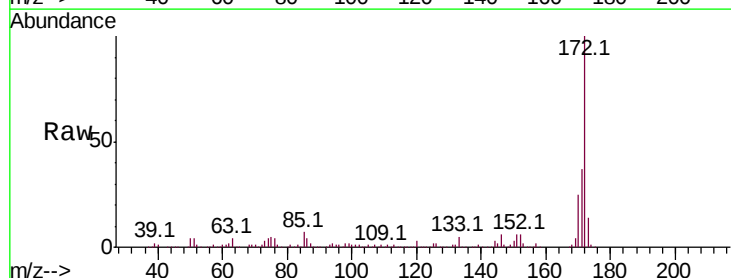


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

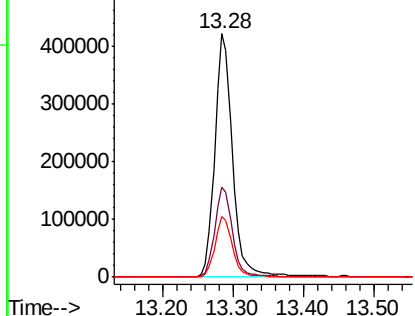
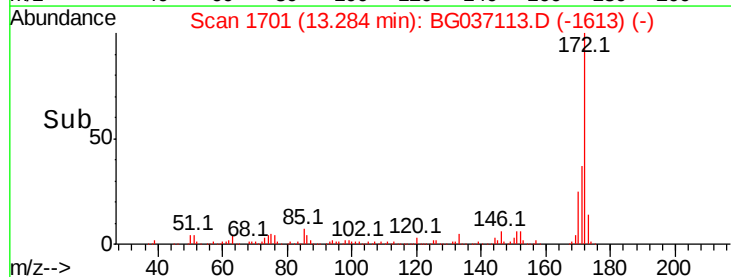


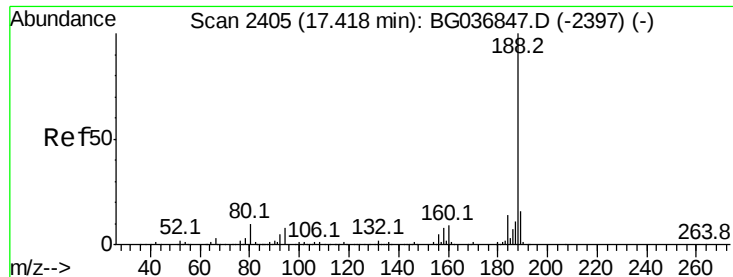
#44
 2-Fluorobiphenyl
 Concen: 84.466 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037113.D
 Acq: 2 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.3	46.9
170	24.9	21.0	31.6



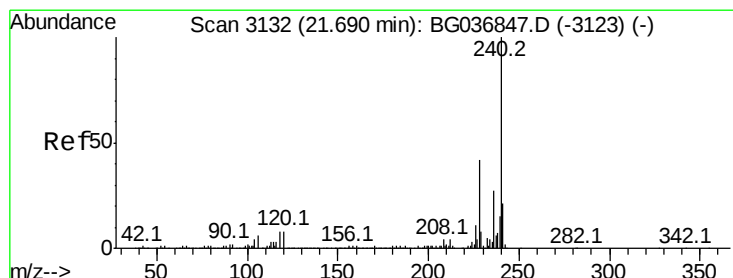
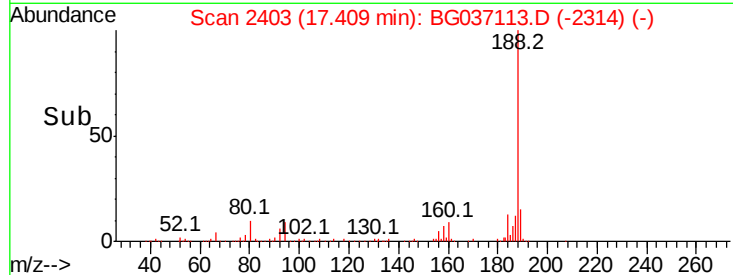
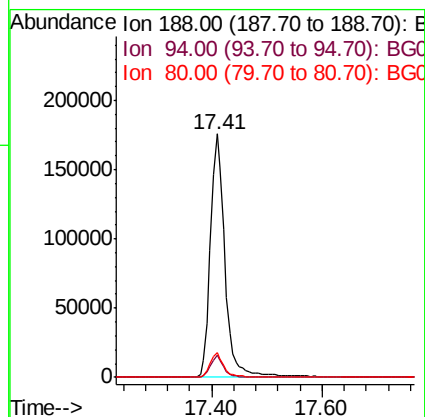
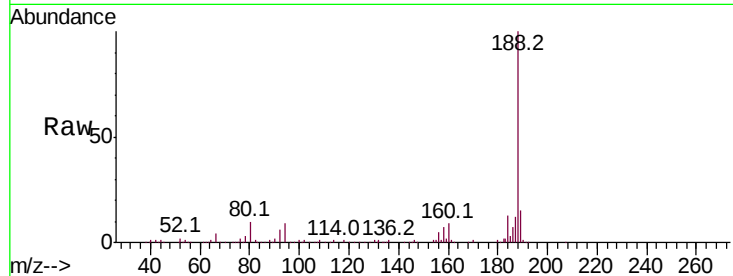
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





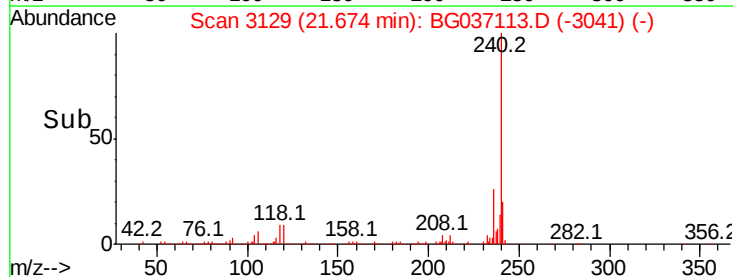
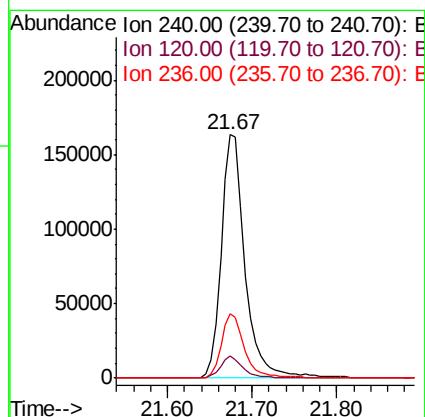
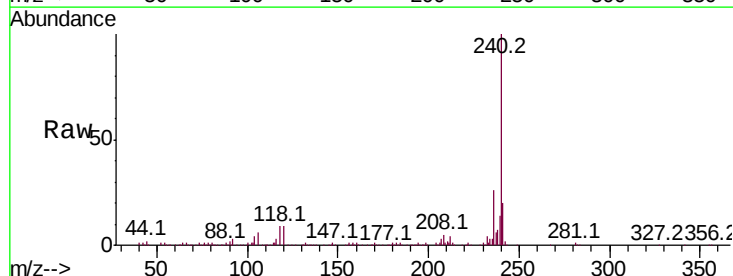
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037113.D
Acq: 2 Oct 2018 20:34

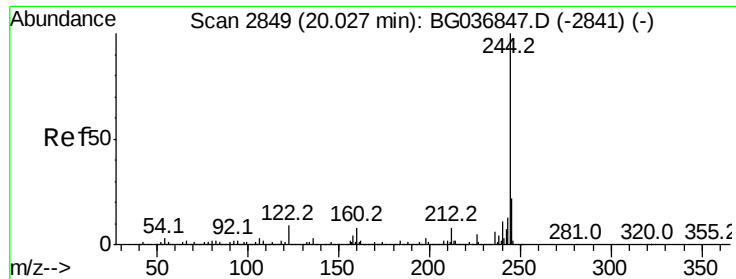
Tot Ion:188 Resp: 318290
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 10.1 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037113.D
Acq: 2 Oct 2018 20:34

Tgt Ion:240 Resp: 318904
Ion Ratio Lower Upper
240 100
120 8.9 6.9 10.3
236 26.2 21.2 31.8

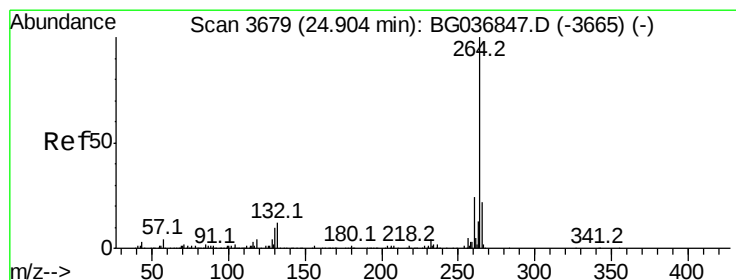
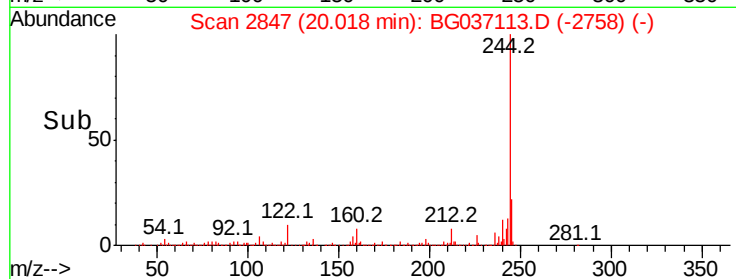
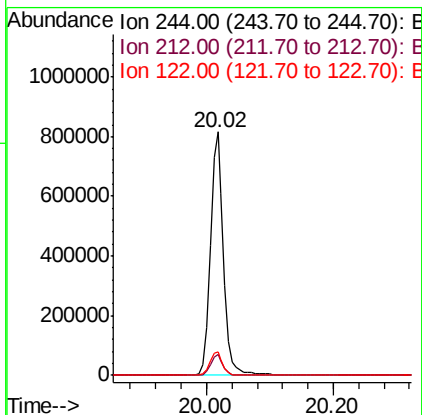
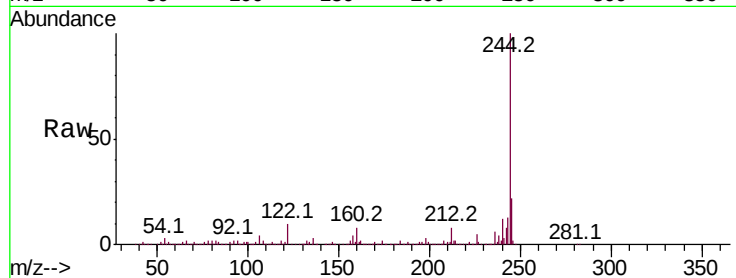




#78
 Terphenyl-d14
 Concen: 98.326 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037113.D
 Acq: 2 Oct 2018 20:34

Tot Ion:244 Resp: 1192499

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037113.D
 Acq: 2 Oct 2018 20:34

Tgt Ion:264 Resp: 307681

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.2	17.4	26.0

