

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037913.D
 Acq On : 9 Nov 2018 10:09
 Operator : JU/SJ
 Sample : J5851-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

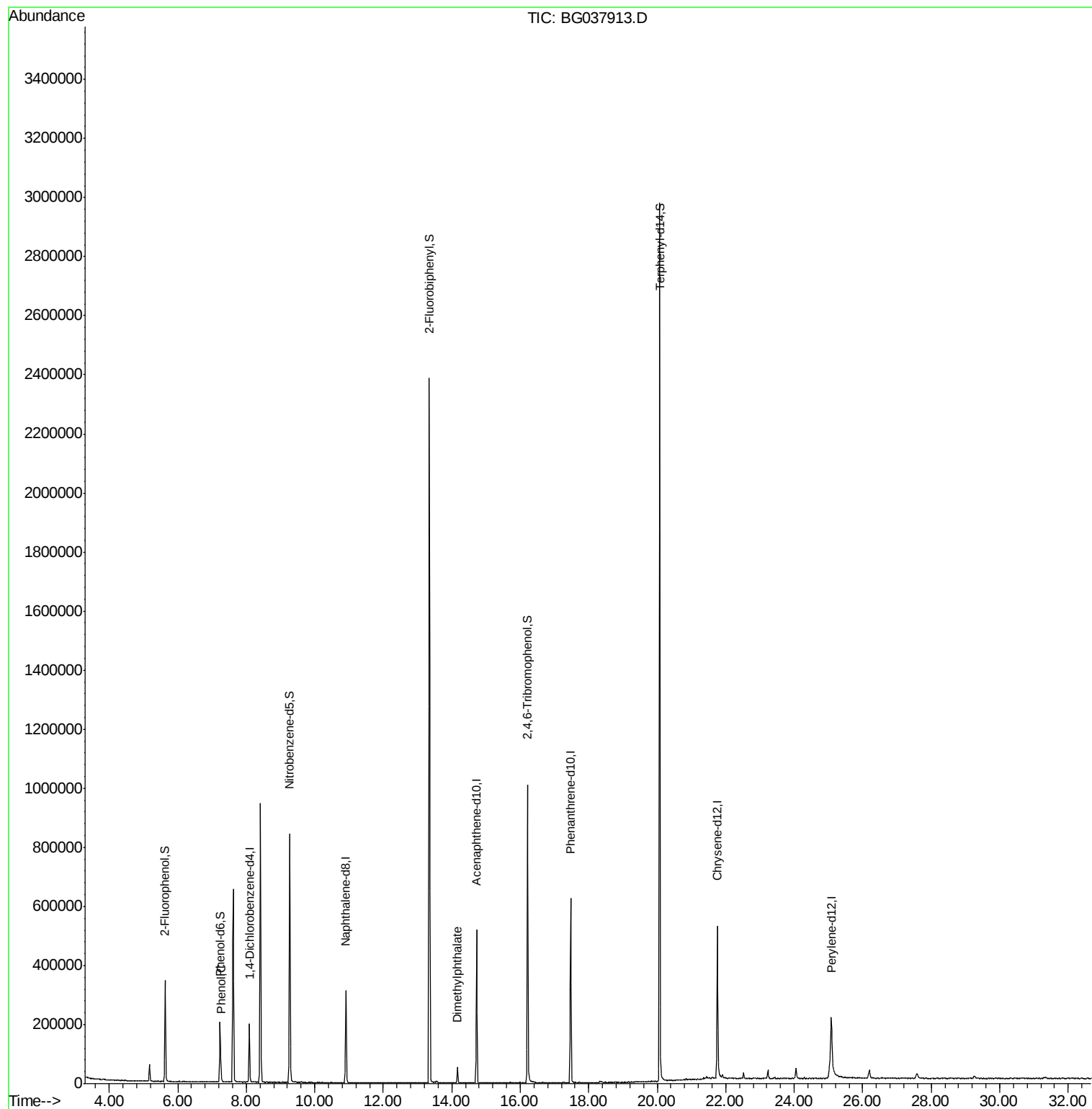
Quant Time: Nov 09 15:42:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	61033	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	286576	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	186167	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	410142	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	361158	20.00	ng	-0.02
87) Perylene-d12	25.08	264	307164	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	159163	43.60	ng	-0.01
7) Phenol-d6	7.23	99	137185	24.85	ng	-0.02
23) Nitrobenzene-d5	9.27	82	537881	105.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	194857	95.96	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1296306	105.00	ng	-0.02
79) Terphenyl-d14	20.07	244	1499696	88.73	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.26	94	24425	4.194	ng	98
50) Dimethylphthalate	14.17	163	39638	2.752	ng	99

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

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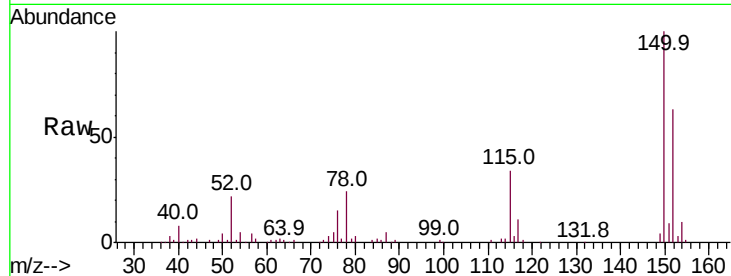




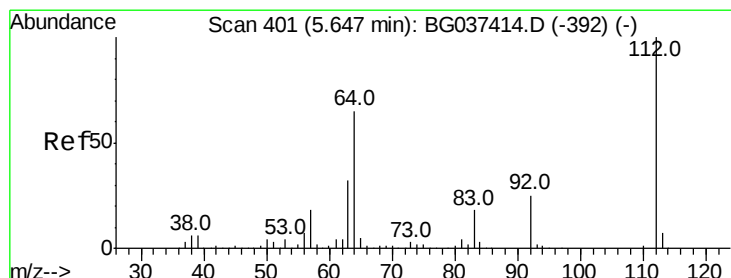
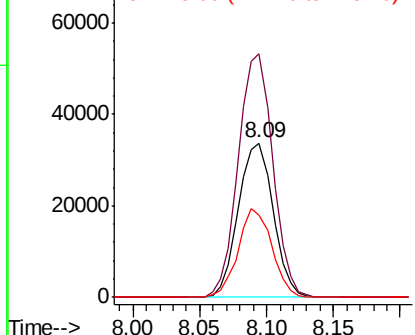
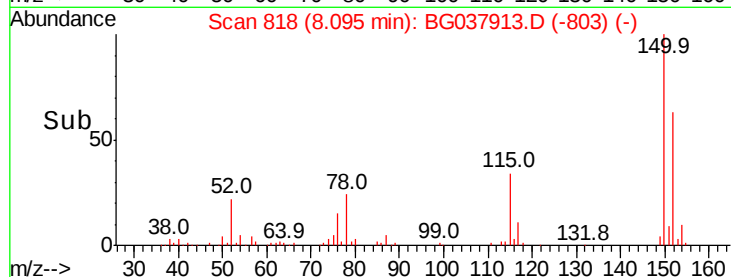
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.0	189.0
115	53.1	45.5	68.3



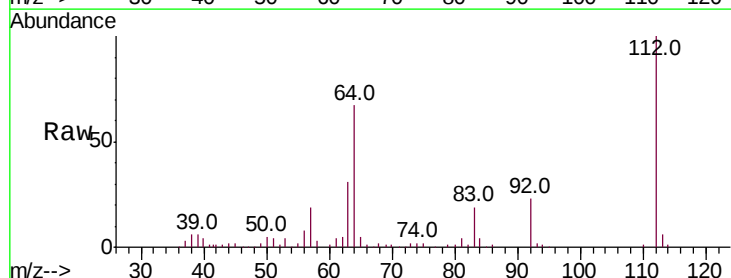
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



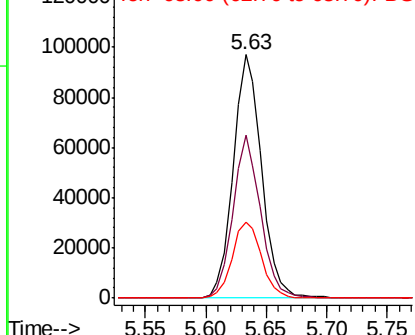
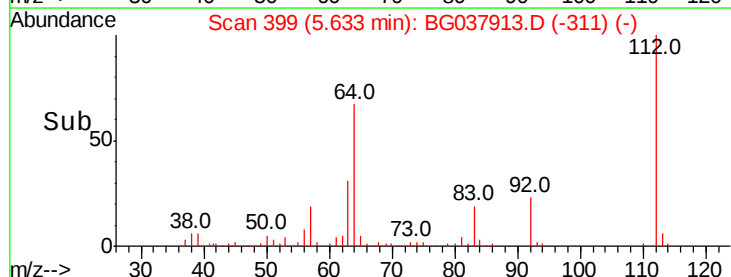
#5

2-Fluorophenol
 Concen: 43.599 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.1	79.7
63	31.3	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: 24.851 ng

RT: 7.23 min Scan# 671

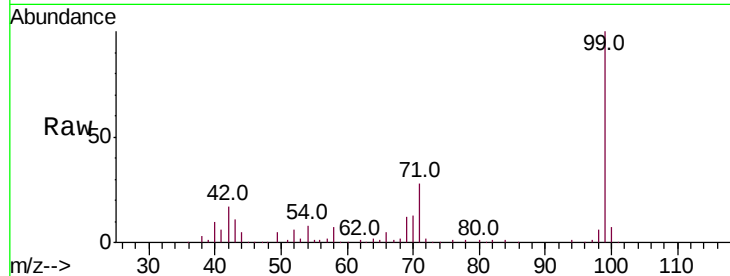
Delta R.T. -0.02 min

Lab File: BG037913.D

Acq: 9 Nov 2018 10:09

Tot Ion: 99 Resp: 137185

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.0	22.4
71	28.0	25.5	38.3

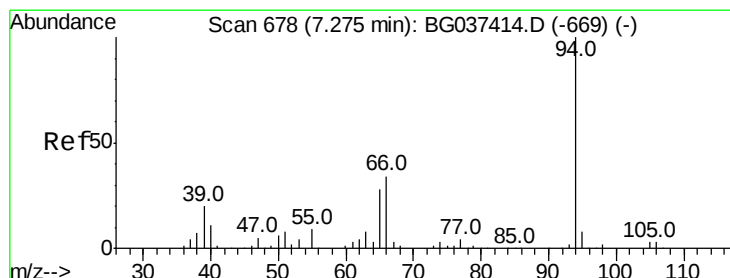
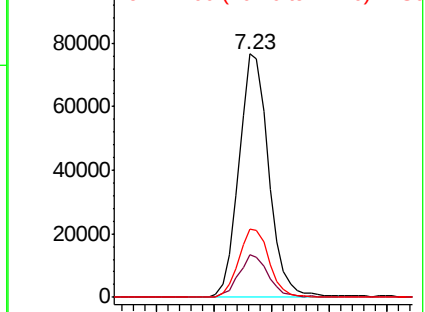
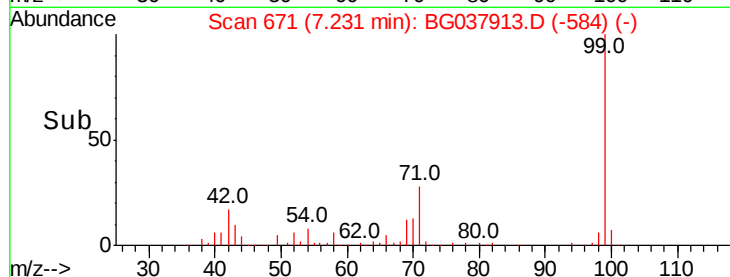


Abundance

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



#10

Phenol

Concen: 4.194 ng

RT: 7.26 min Scan# 676

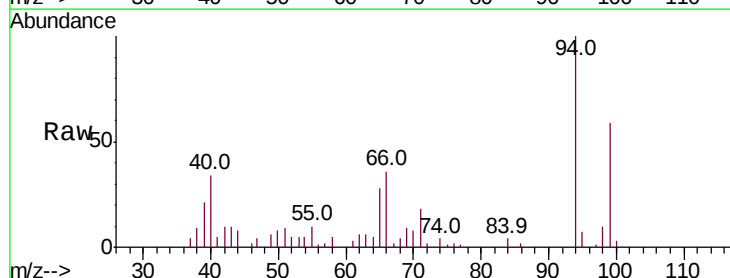
Delta R.T. -0.01 min

Lab File: BG037913.D

Acq: 9 Nov 2018 10:09

Tgt Ion: 94 Resp: 24425

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.7	49.7
66	36.1	15.9	55.9

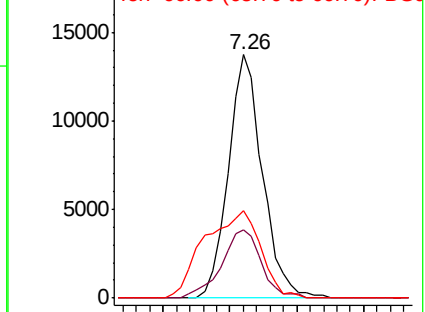
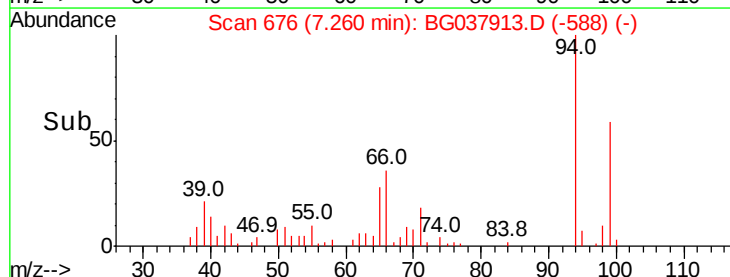


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

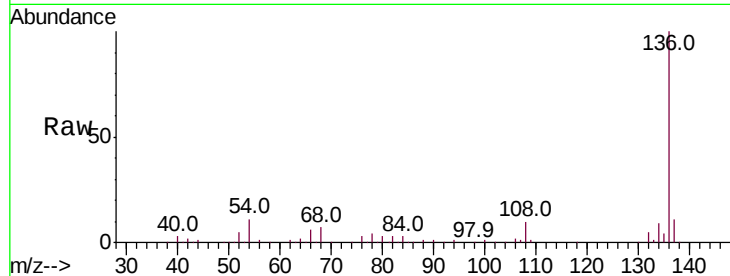
Ion 66.00 (65.70 to 66.70): BGC



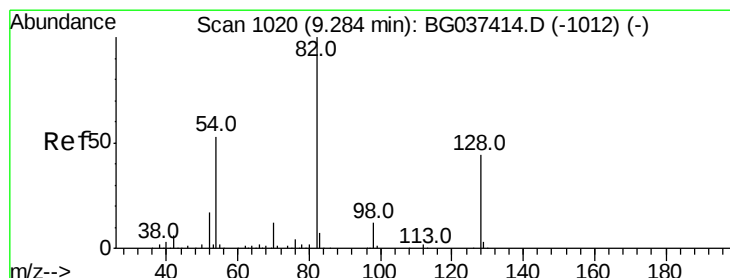
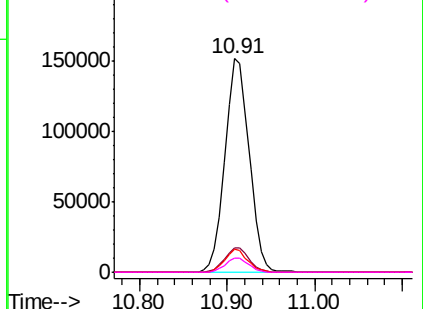
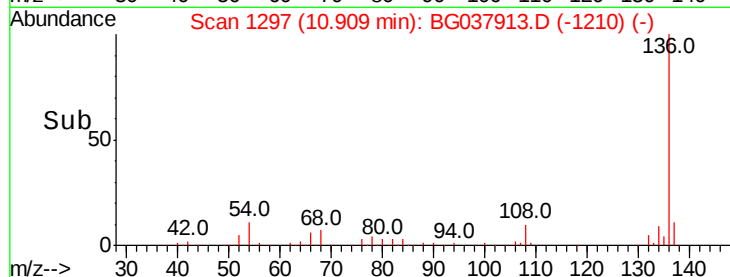


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tot Ion:136	Resp:	286576	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.6	14.4	
54 10.7	7.9	11.9	
68 6.5	4.8	7.2	

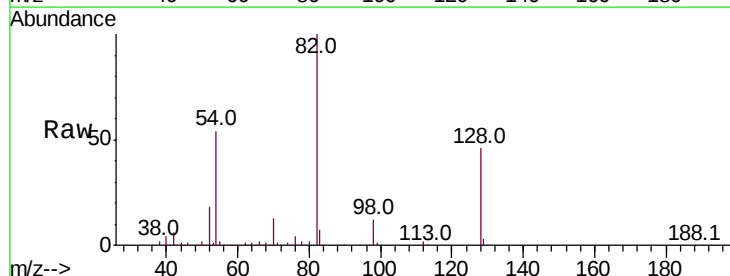


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

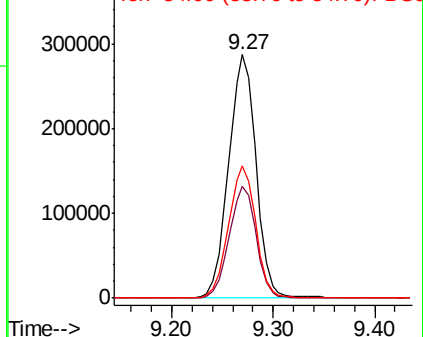
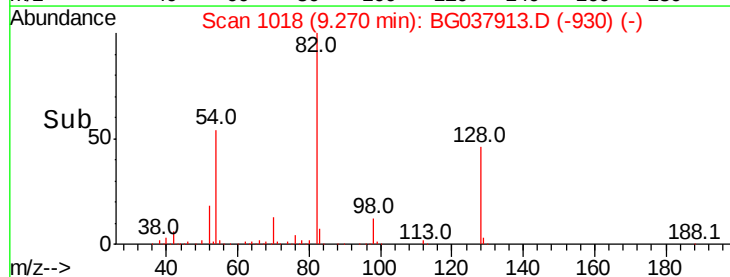


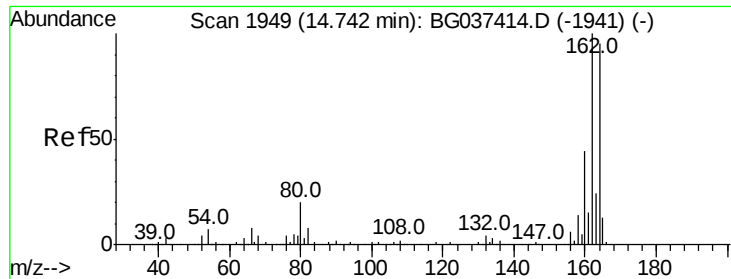
#23
Nitrobenzene-d5
Concen: 105.143 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt	Ion: 82	Resp:	537881
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	51.8
54	54.4	45.3	67.9



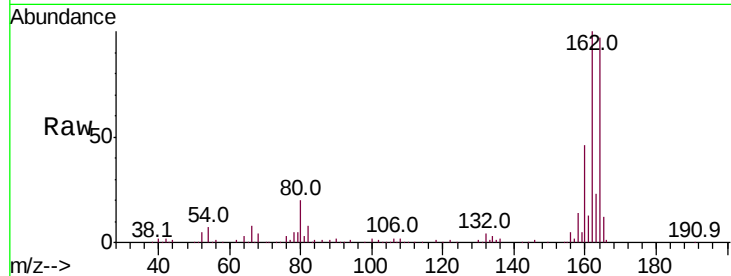
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



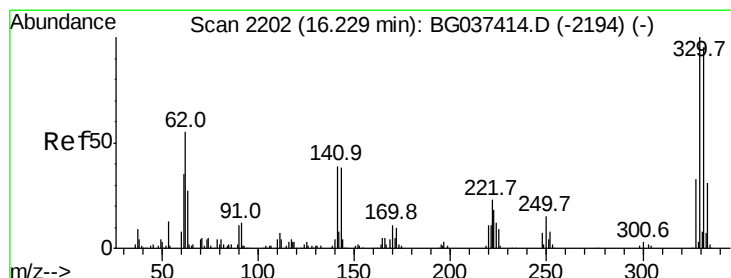
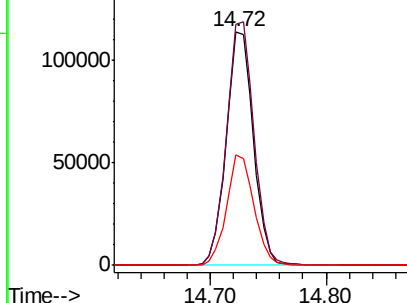
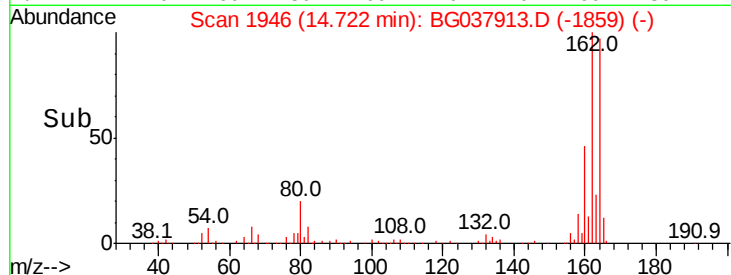


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	47.4	36.3	54.5

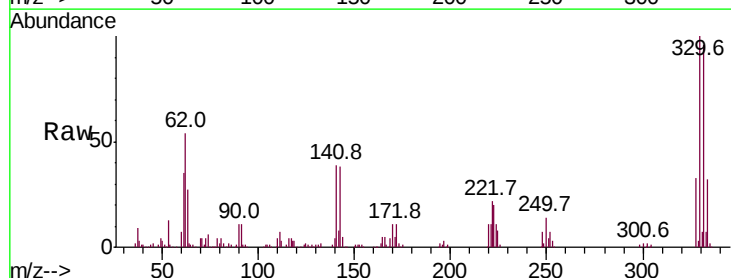


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

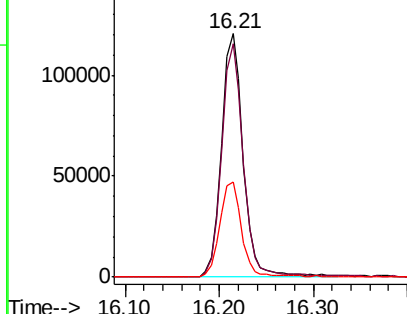
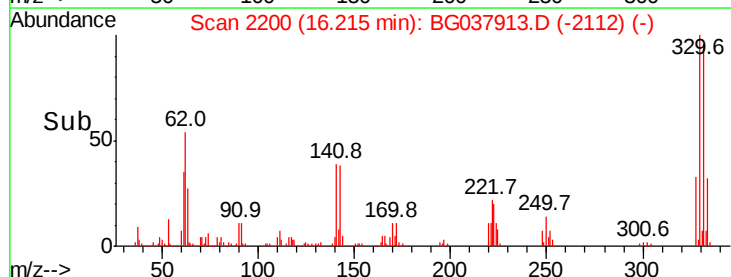


#42
2,4,6-Tribromophenol
Concen: 95.965 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	39.2	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

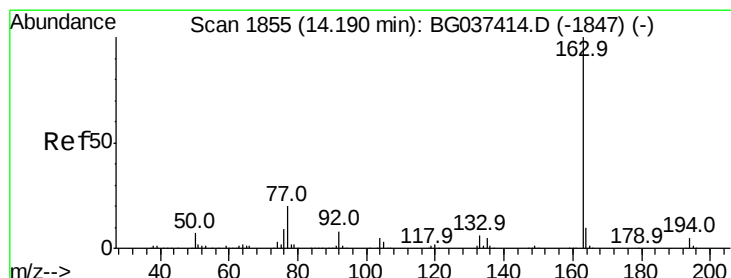
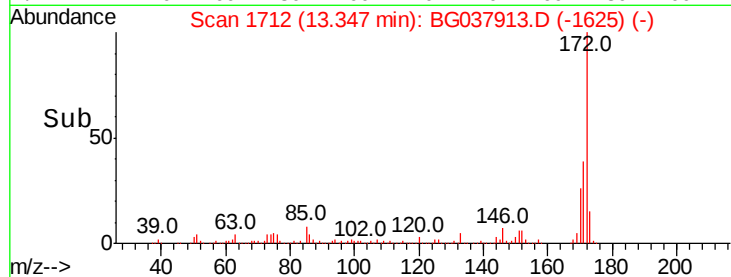
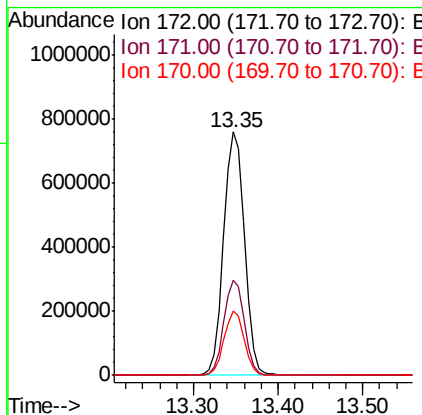
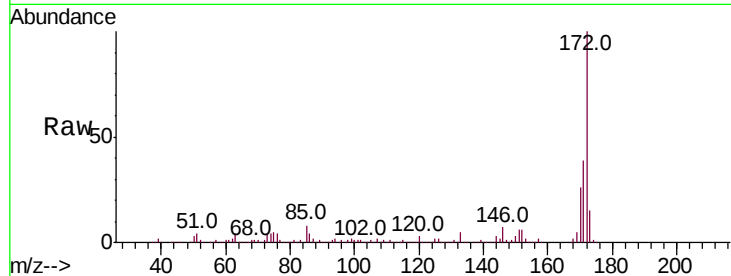




#45
2-Fluorobiphenyl
Concen: 105.000 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tot Ion:172 Resp: 1296306

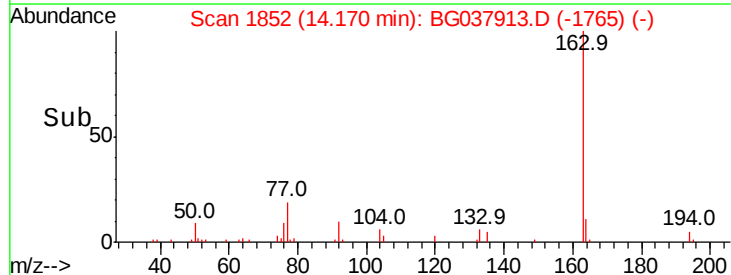
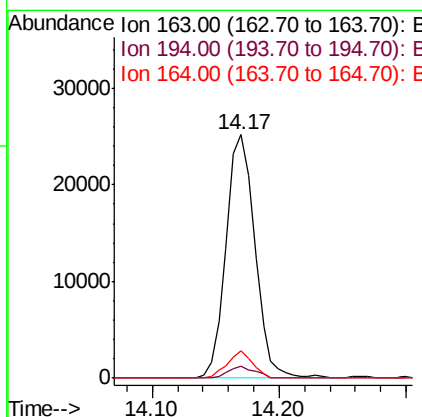
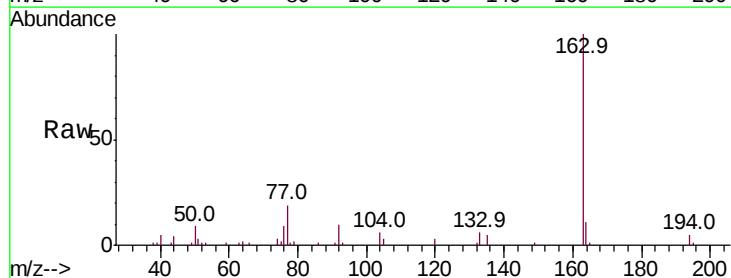
Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	26.5	20.2	30.2

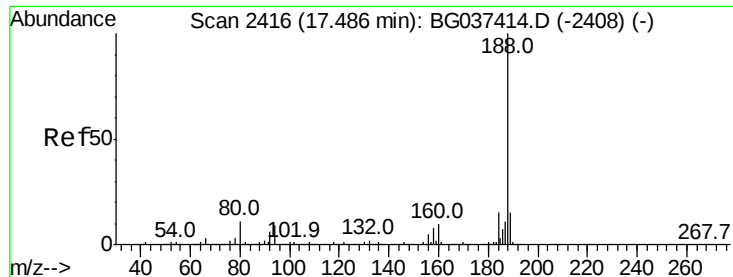


#50
Dimethylphthalate
Concen: 2.752 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:163 Resp: 39638

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	11.1	8.5	12.7

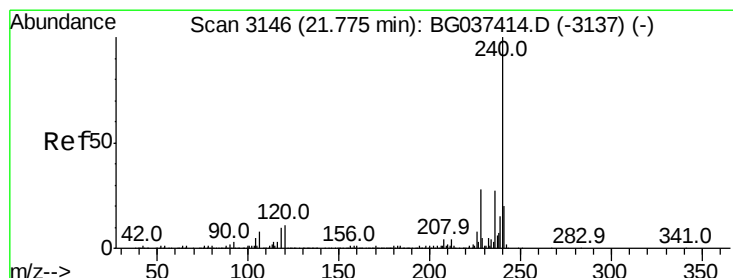
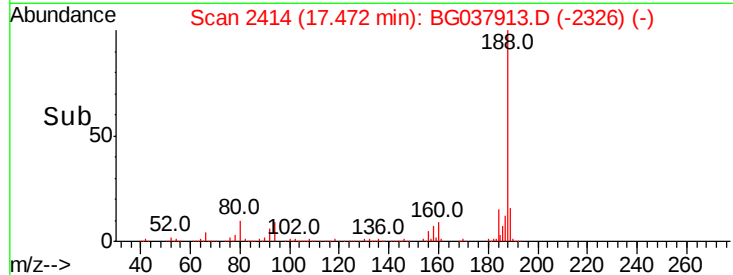
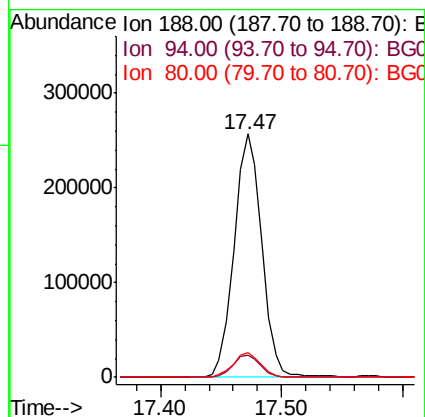
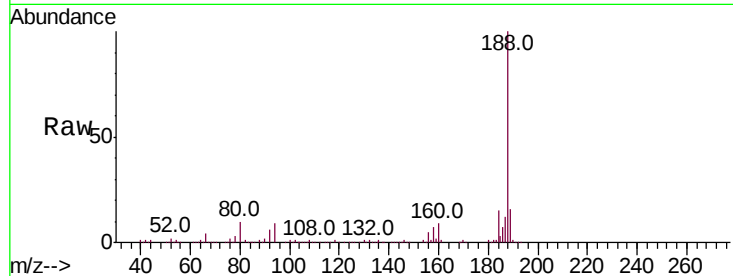




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tot Ion:188 Resp: 410142

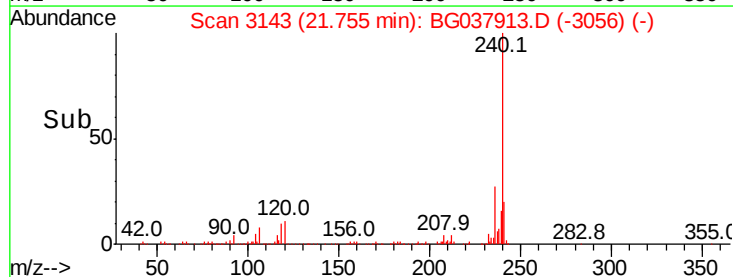
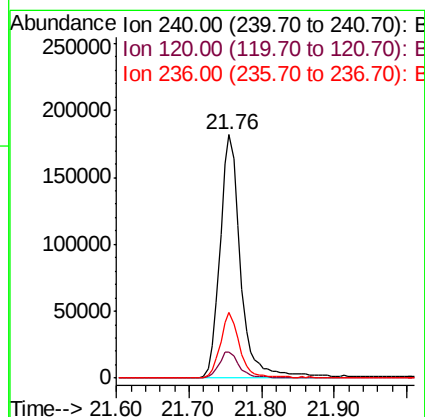
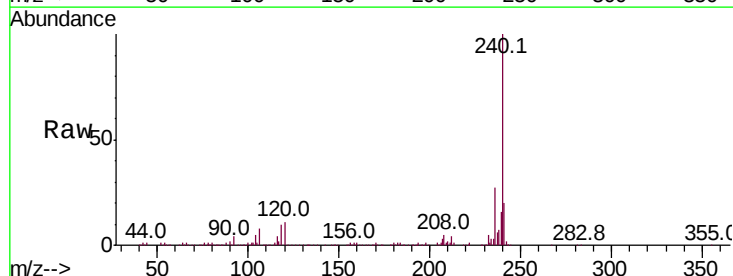
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.2	7.7	11.5

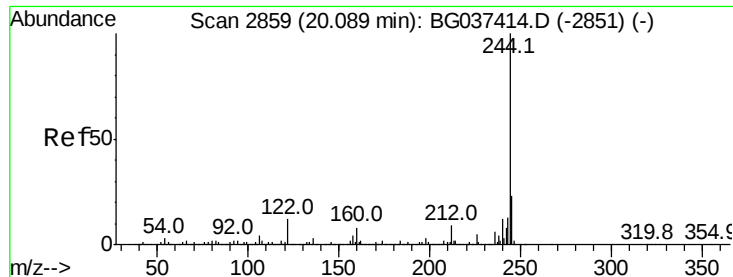


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion:240 Resp: 361158

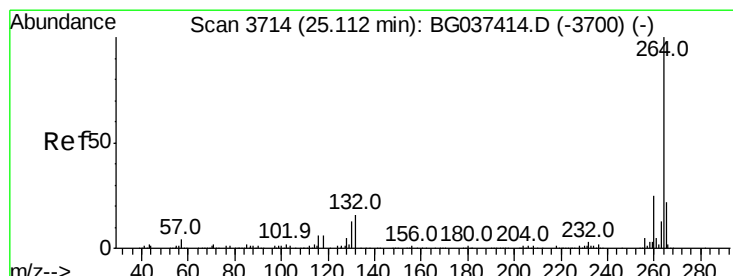
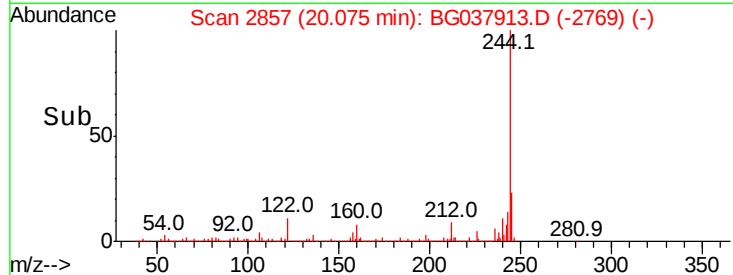
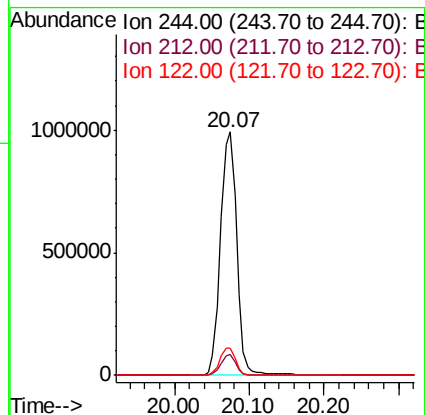
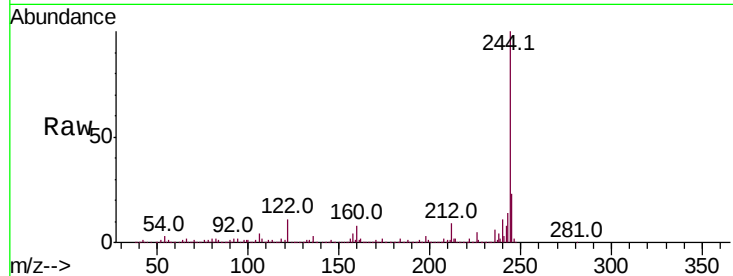
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	26.8	21.4	32.0





#79
 Terphenyl-d14
 Concen: 88.728 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tot Ion:244	Resp: 1499696		
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.5	9.7
122	11.2	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.03 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tgt	Ion:264	Resp:	307164
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	22.3	17.9	26.9

