

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\
 Data File : BG037109.D
 Acq On : 2 Oct 2018 17:59
 Operator : JU/SJ
 Sample : J5188-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

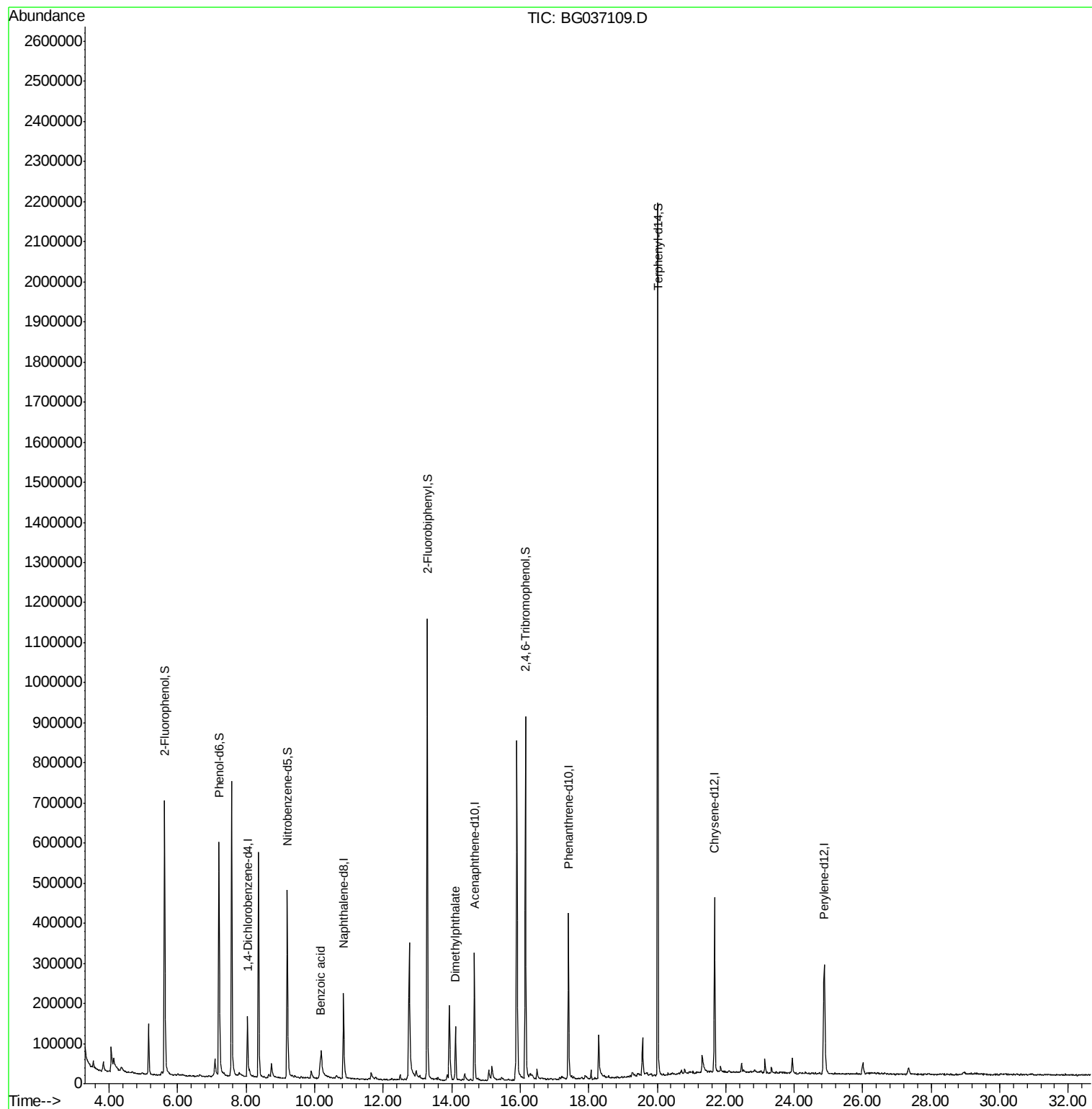
Quant Time: Oct 02 18:42:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

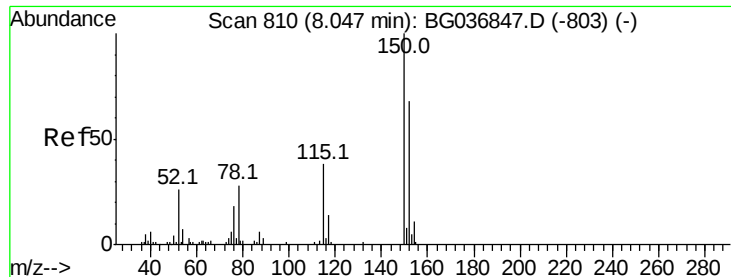
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50111	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	198046	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115496	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	281505	20.00	ng	0.00
75) Chrysene-d12	21.67	240	291597	20.00	ng	-0.02
86) Perylene-d12	24.88	264	296753	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	318151	121.76	ng	0.00
7) Phenol-d6	7.20	99	387656	95.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	331465	89.63	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	171480	124.10	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	643786	83.02	ng	-0.02
78) Terphenyl-d14	20.02	244	1033636	93.21	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.16	122	33753	21.606	ng	95
49) Dimethylphthalate	14.11	163	97672	10.506	ng	99

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

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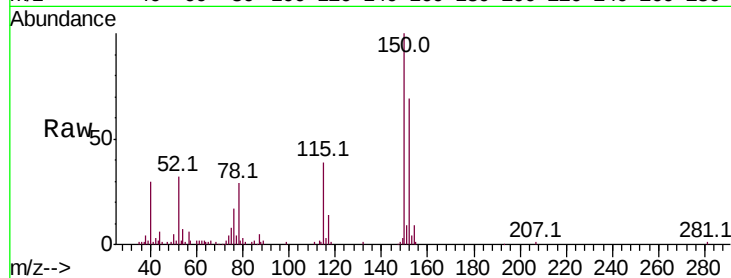




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	119.5	179.3
115	56.1	44.5	66.7

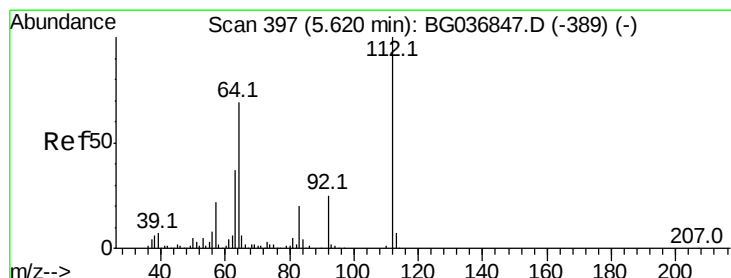
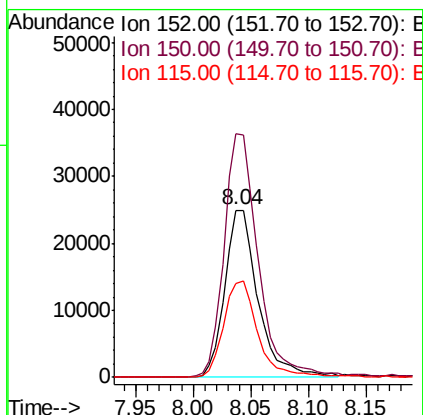
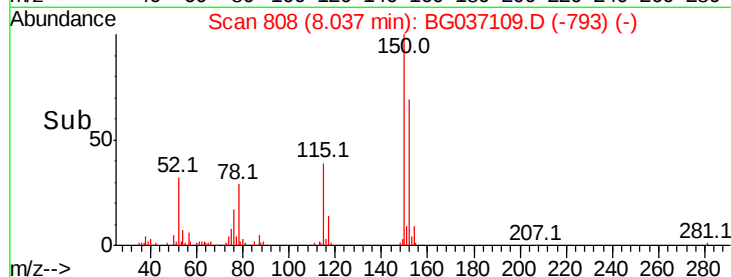


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

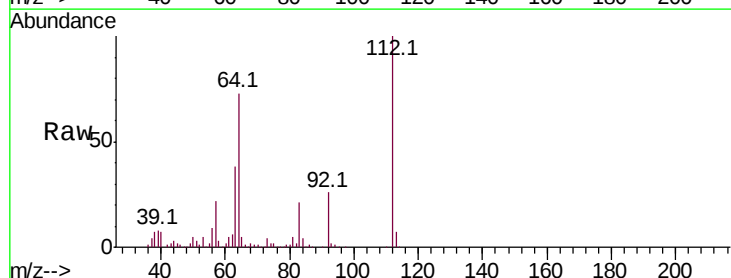
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.759 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	57.2	85.8
63	38.1	30.8	46.2

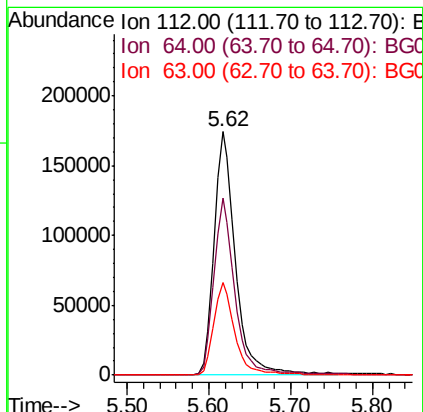
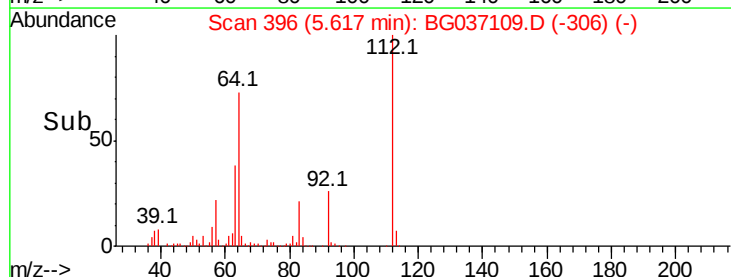


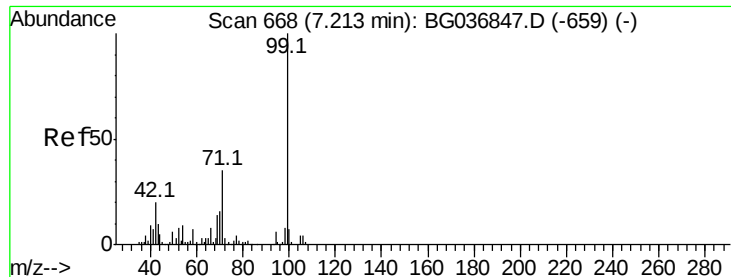
Abundance

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: 95.890 ng

RT: 7.20 min Scan# 666

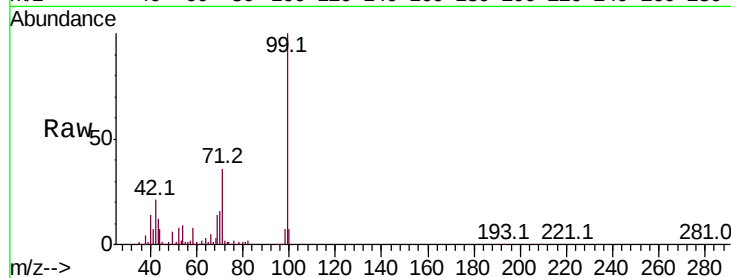
Delta R.T. -0.01 min

Lab File: BG037109.D

Acq: 2 Oct 2018 17:59

Tot Ion: 99 Resp: 387656

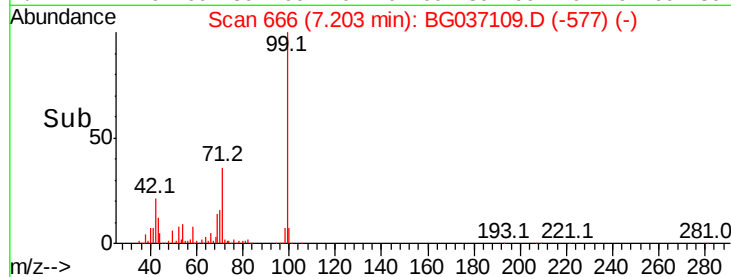
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.5	24.7
71	35.8	29.4	44.2



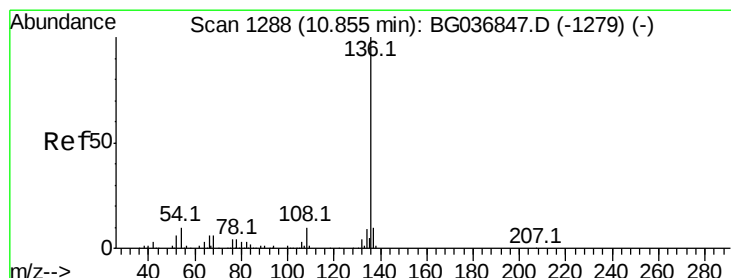
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1285

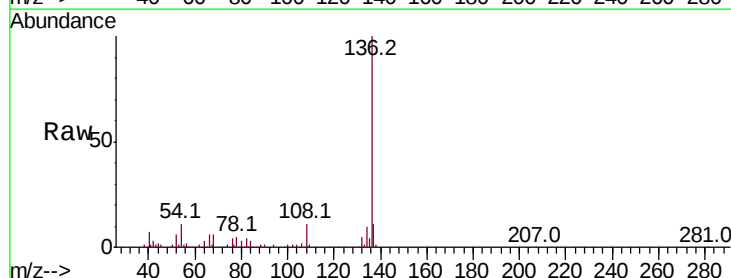
Delta R.T. -0.02 min

Lab File: BG037109.D

Acq: 2 Oct 2018 17:59

Tgt Ion: 136 Resp: 198046

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	11.2	9.2	13.8
68	6.4	5.8	8.6

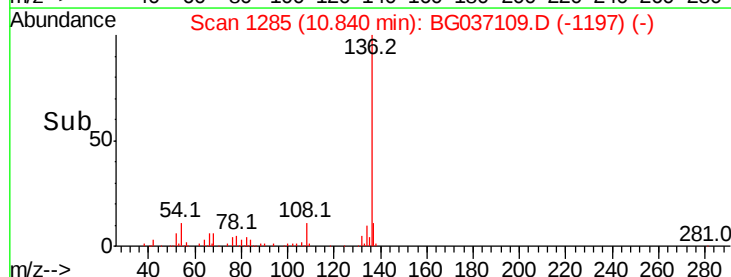


Abundance Ion 136.00 (135.70 to 136.70): E

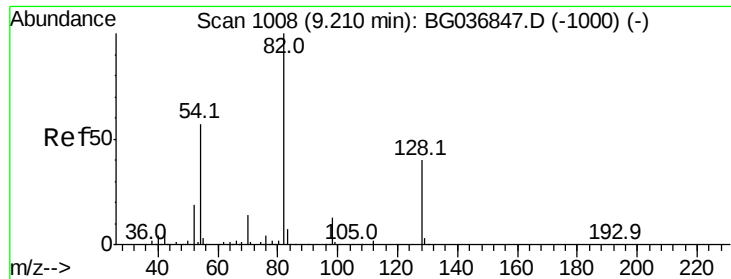
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

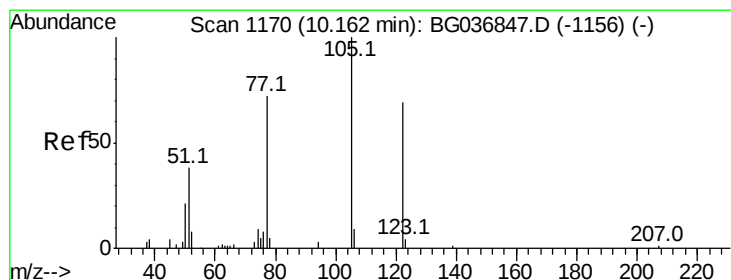
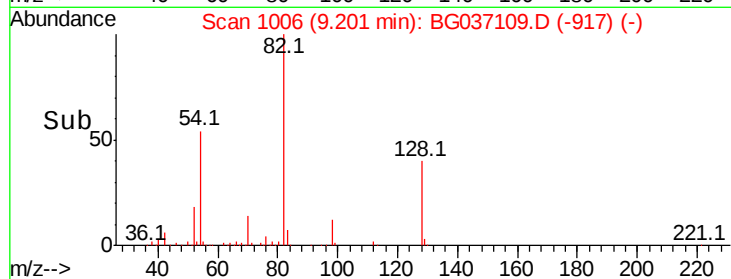
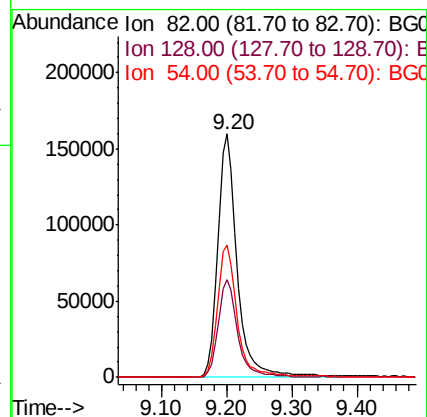
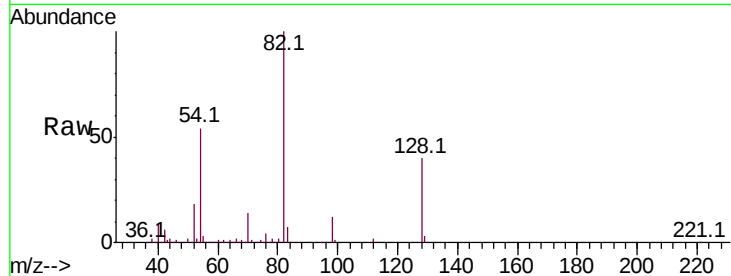


Time-->



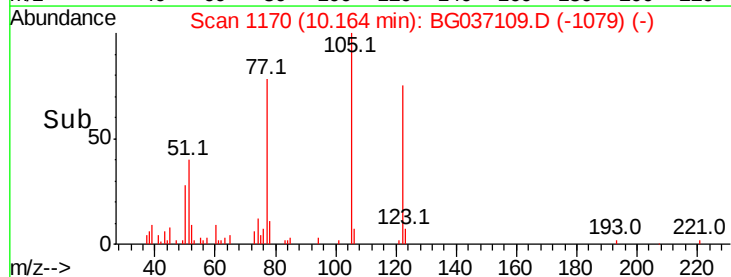
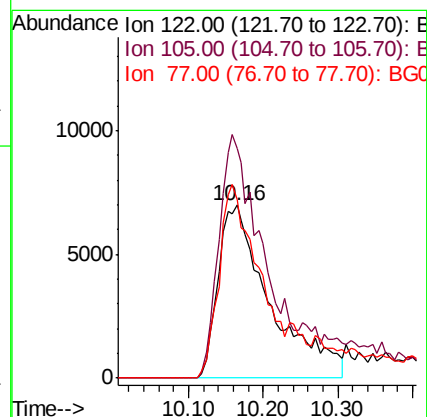
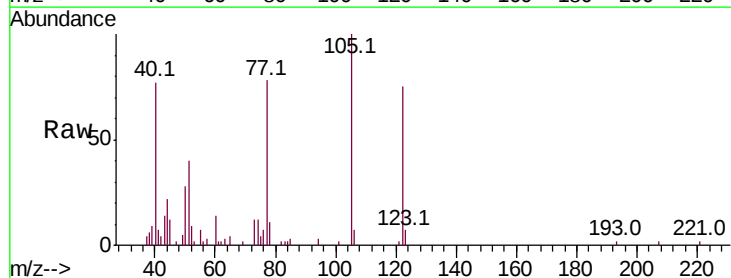
#23
 Nitrobenzene-d5
 Concen: 89.627 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037109.D
 Acq: 2 Oct 2018 17:59

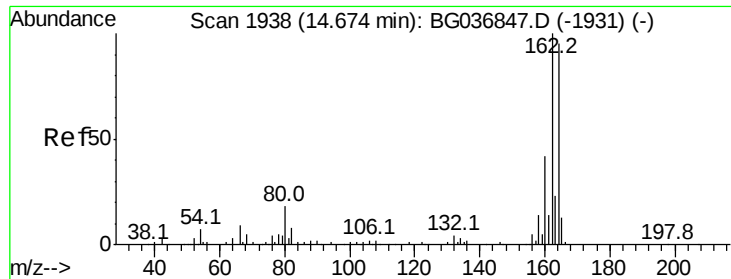
Tot Ion	82	Resp	331465
Ion Ratio	100	Lower	Upper
128	40.0	33.3	49.9
54	54.1	45.1	67.7



#32
 Benzoic acid
 Concen: 21.606 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BG037109.D
 Acq: 2 Oct 2018 17:59

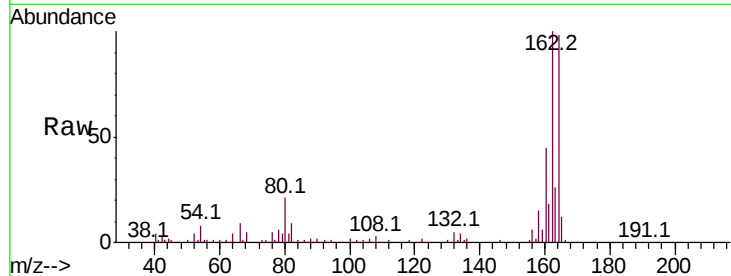
Tgt Ion	122	Resp	33753
Ion Ratio	100	Lower	Upper
105	132.6	108.1	148.1
77	103.0	76.3	116.3



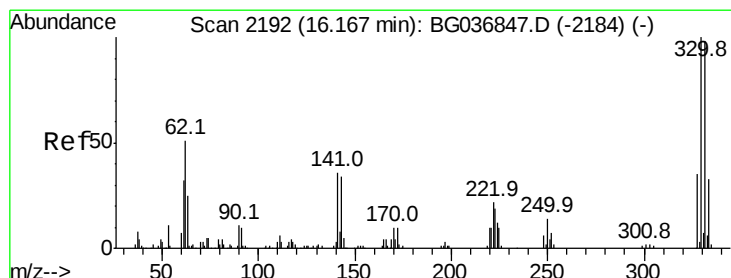
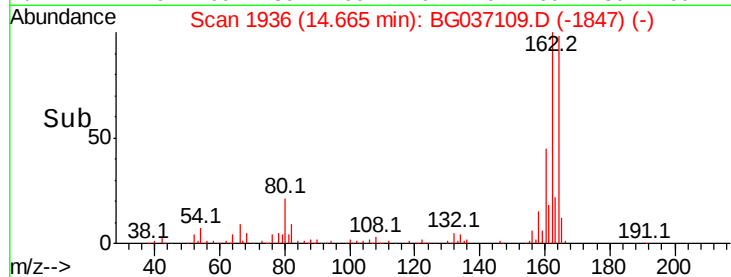
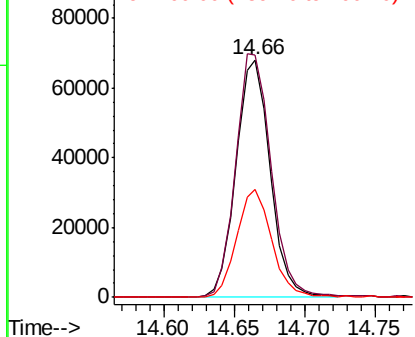


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	45.7	35.3	52.9

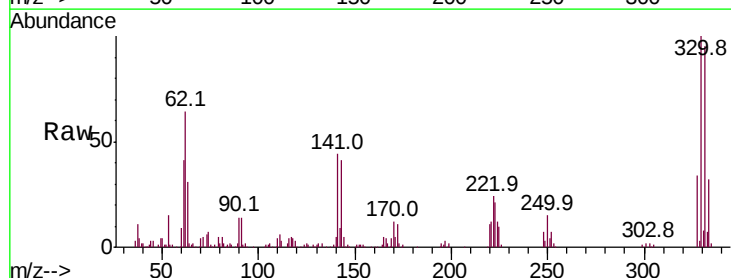


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

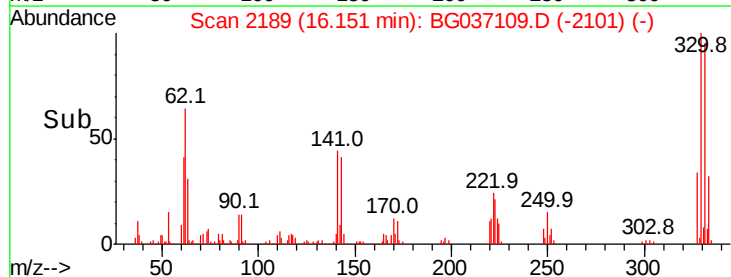
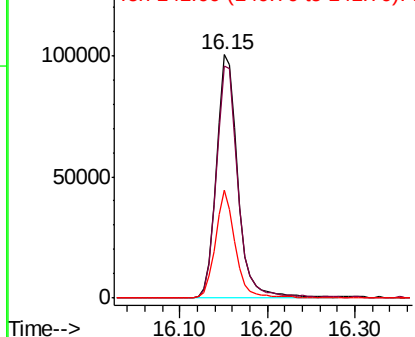


#41
2,4,6-Tribromophenol
Concen: 124.096 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	41.1	30.7	46.1



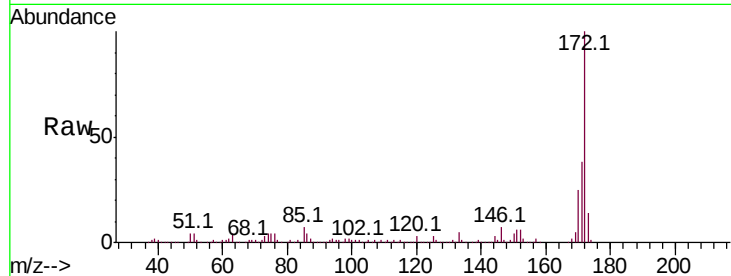
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44
2-Fluorobiphenyl
Concen: 83.020 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	24.9	21.0	31.6

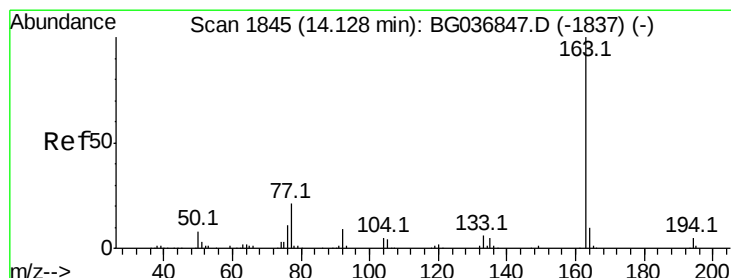
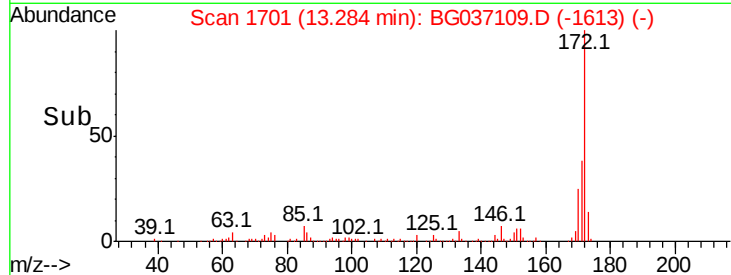
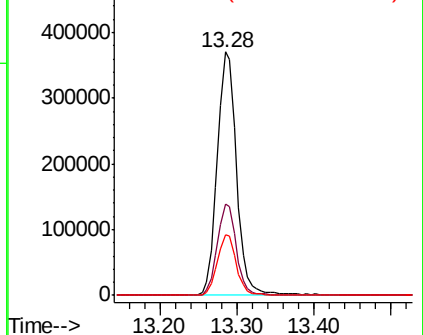


Abundance

Ion 172.00 (171.70 to 172.70): E

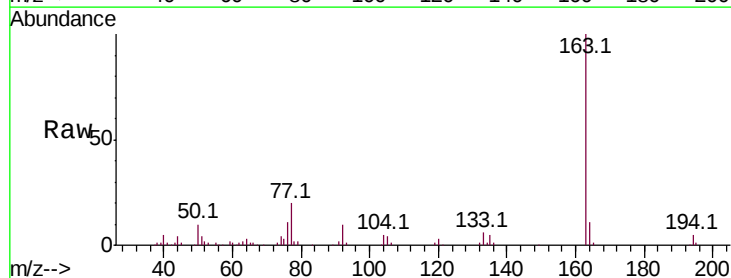
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 10.506 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.0	6.0
164	10.5	8.1	12.1

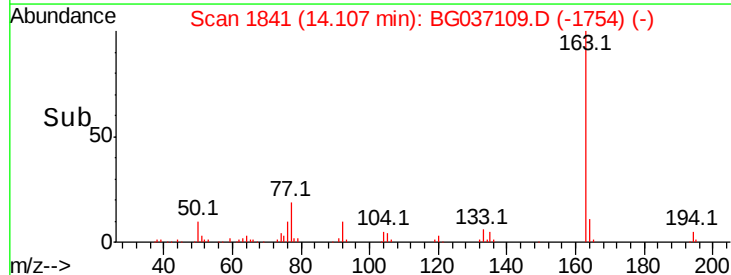
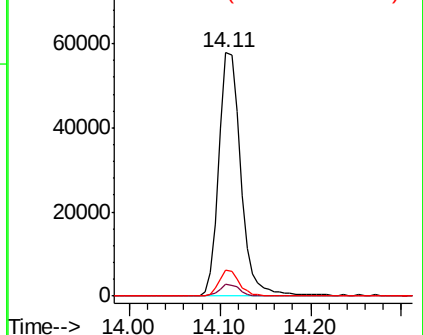


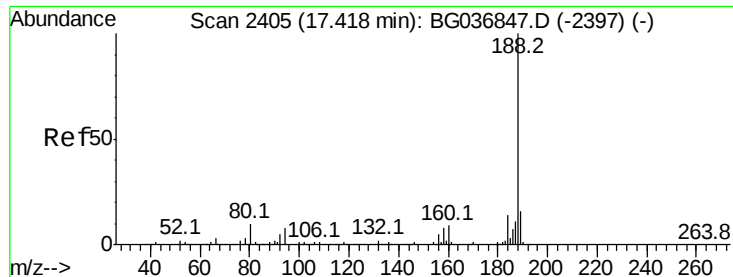
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

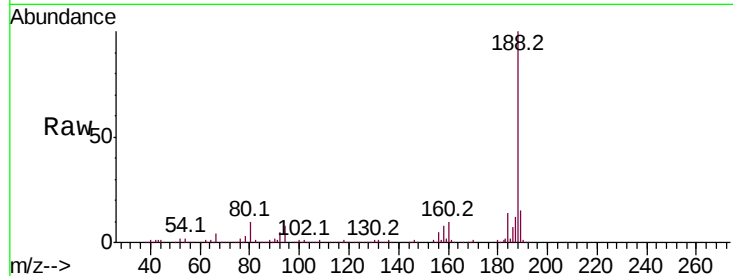
Ion 164.00 (163.70 to 164.70): E



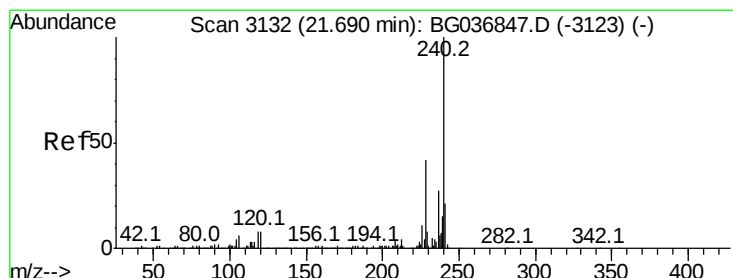
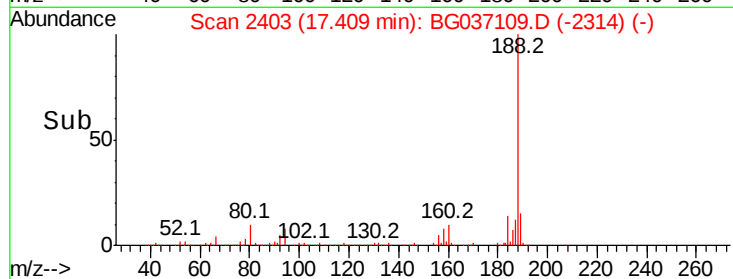
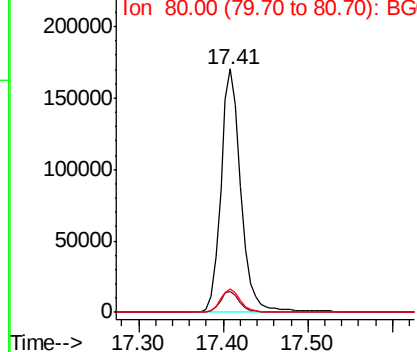


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.7	8.1	12.1

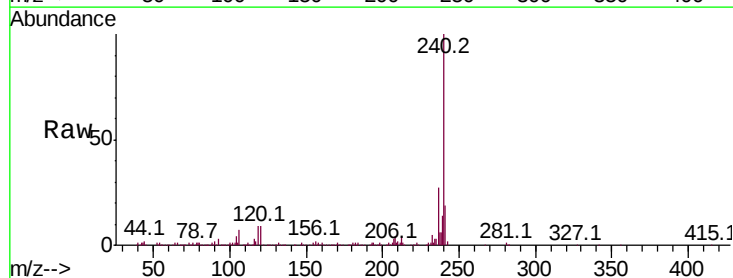


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

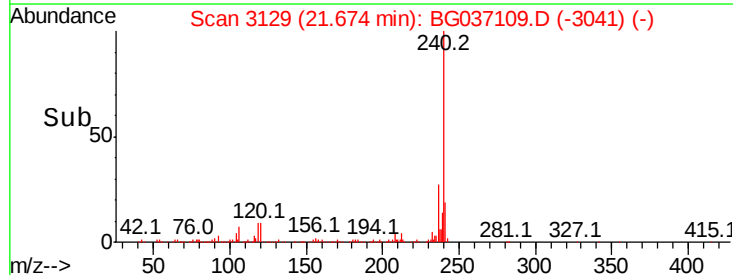
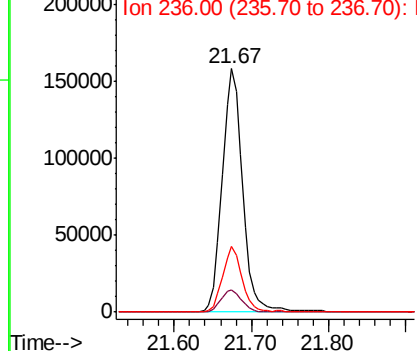


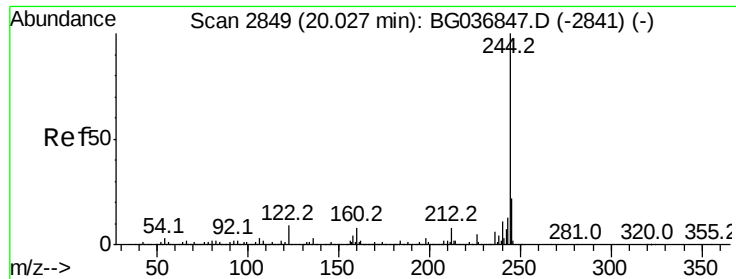
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.9	10.3
236	27.2	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

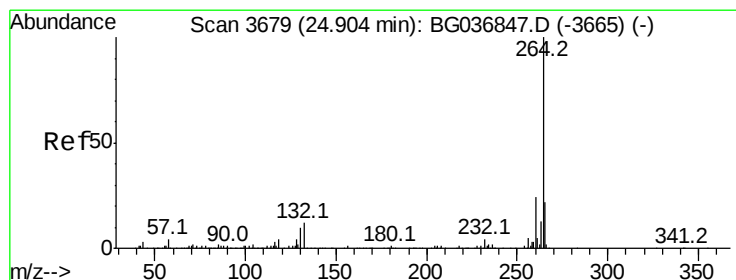
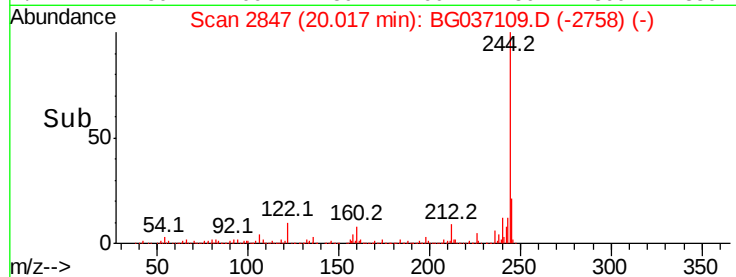
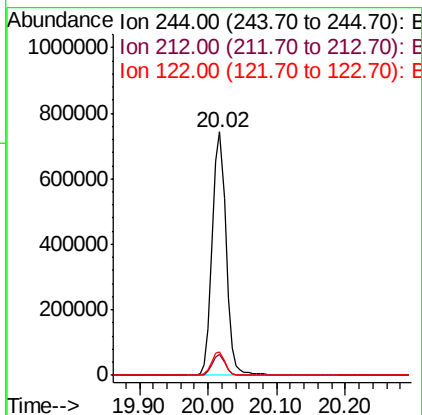
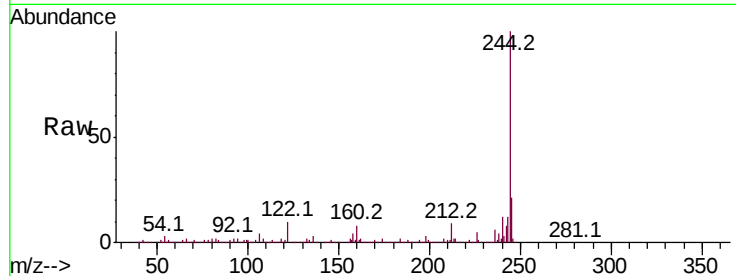




#78
 Terphenyl-d14
 Concen: 93.209 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037109.D
 Acq: 2 Oct 2018 17:59

Tot Ion:244 Resp: 1033636

Ion	Ratio	Lower	Upper
244	100		
212	8.6	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: BG037109.D
 Acq: 2 Oct 2018 17:59

Tgt Ion:264 Resp: 296753

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.8	17.4	26.0

