

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\
 Data File : BG037114.D
 Acq On : 2 Oct 2018 21:13
 Operator : JU/SJ
 Sample : J5200-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 02:49:12 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

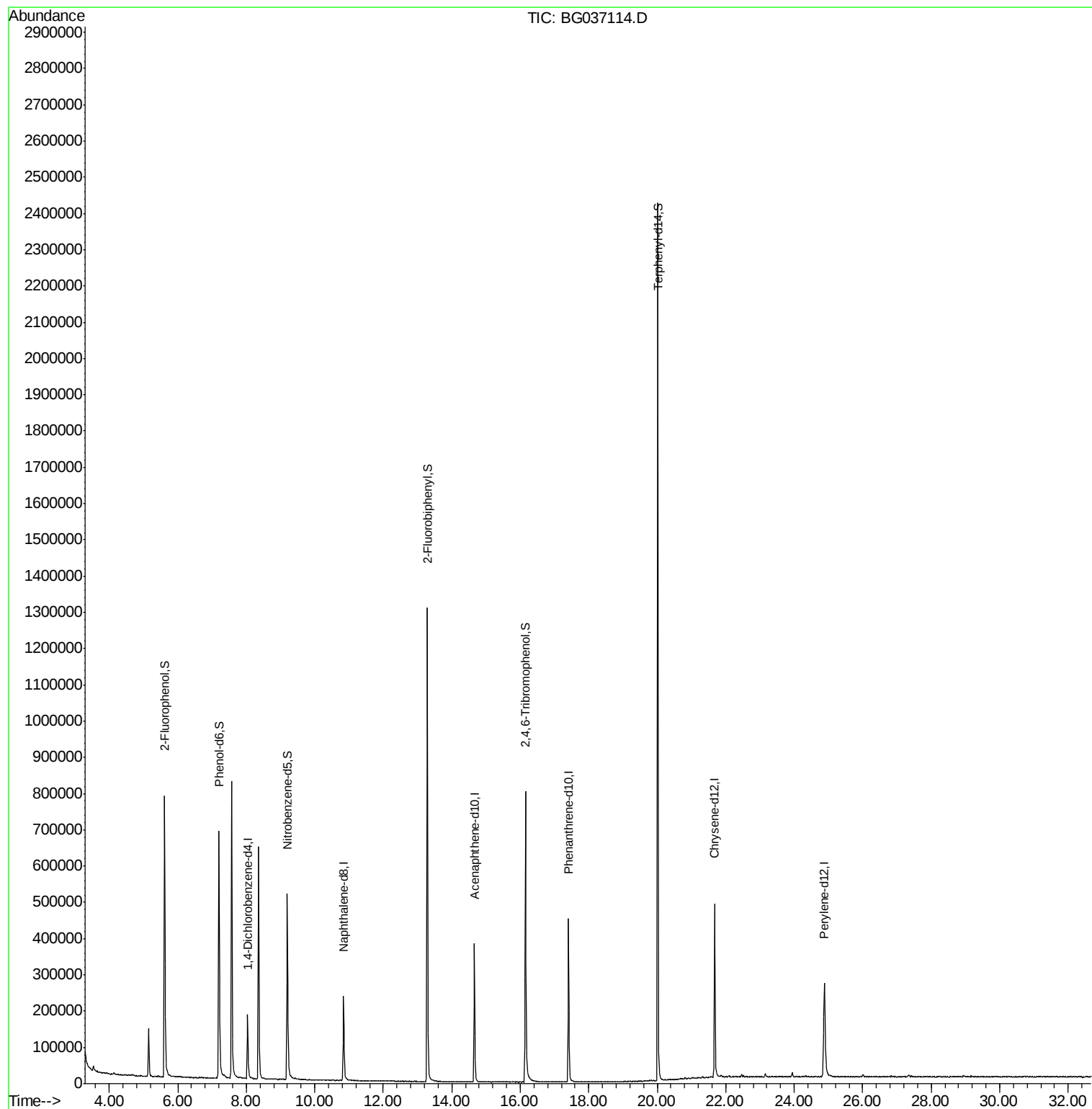
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	58607	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	238627	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	140336	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	325289	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	343801	20.00	ng	-0.02
86) Perylene-d12	24.88	264	330688	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	366321	119.87	ng	0.00
7) Phenol-d6	7.20	99	449708	95.11	ng	-0.01
23) Nitrobenzene-d5	9.20	82	380473	85.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	171265	102.00	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	757321	80.37	ng	-0.01
78) Terphenyl-d14	20.02	244	1200929	91.85	ng	-0.01

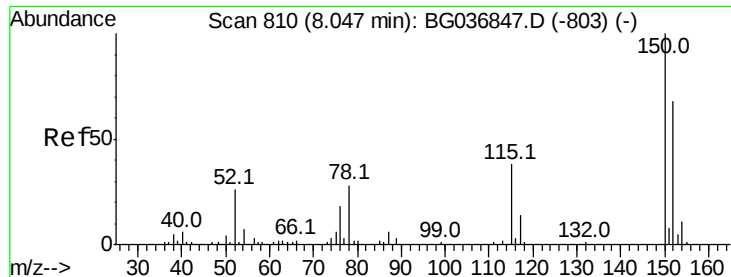
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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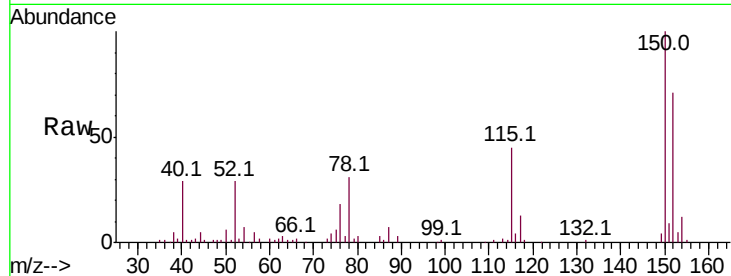




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	119.5	179.3
115	63.6	44.5	66.7

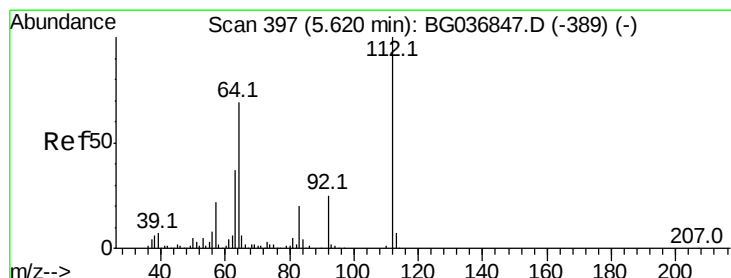
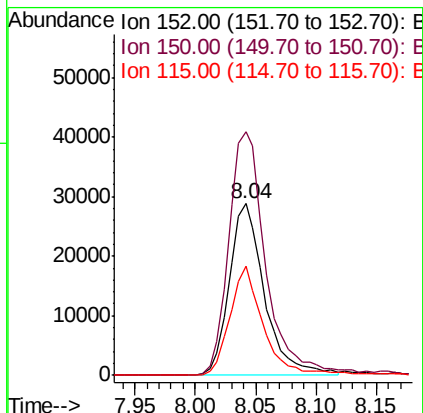
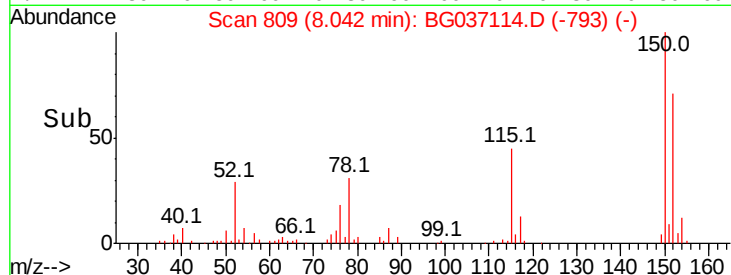


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

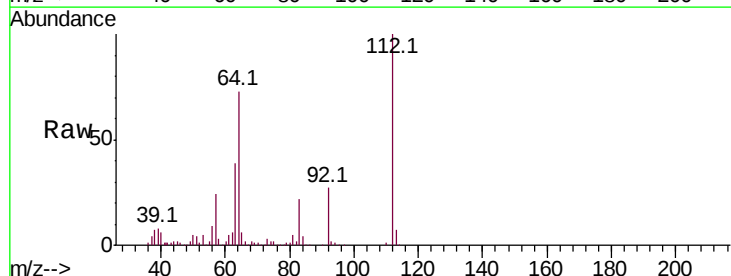
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.870 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.2	85.8
63	38.6	30.8	46.2

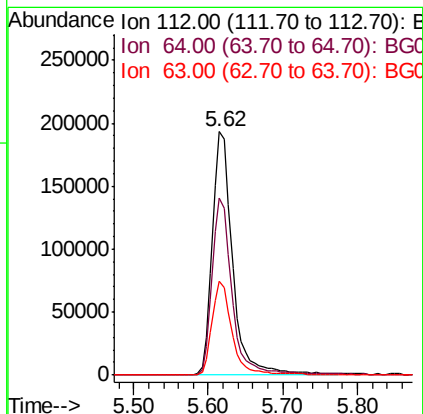
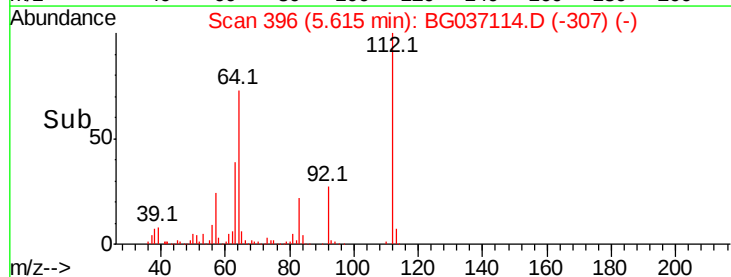


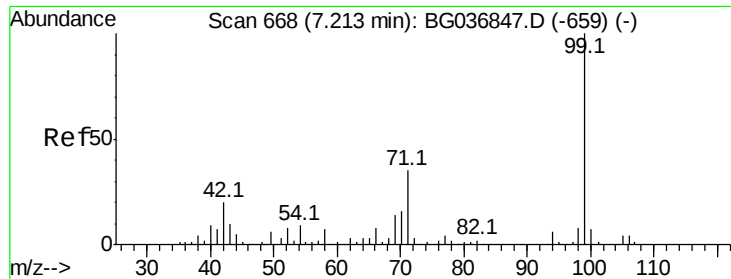
Abundance

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: 95.114 ng

RT: 7.20 min Scan# 666

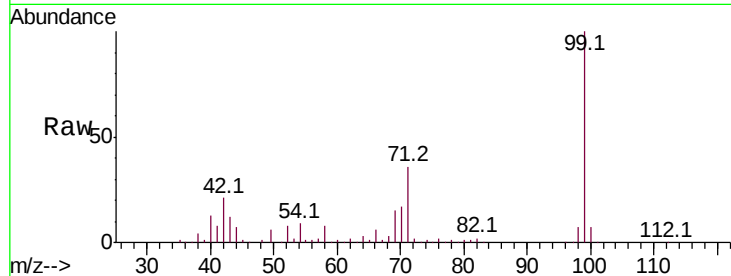
Delta R.T. -0.01 min

Lab File: BG037114.D

Acq: 2 Oct 2018 21:13

Tot Ion: 99 Resp: 449708

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.5	24.7
71	36.3	29.4	44.2

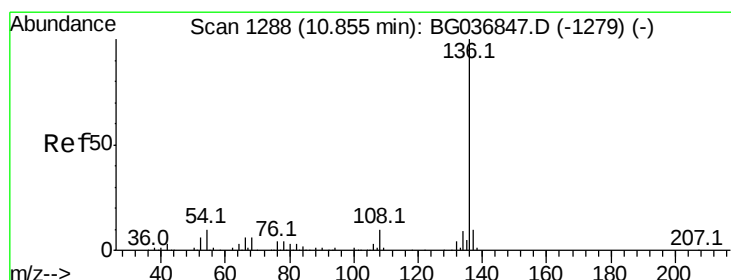
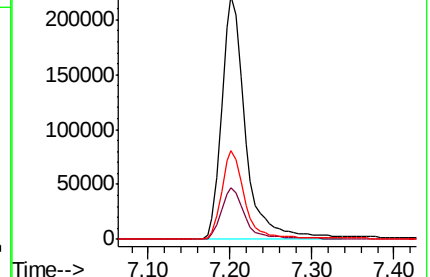
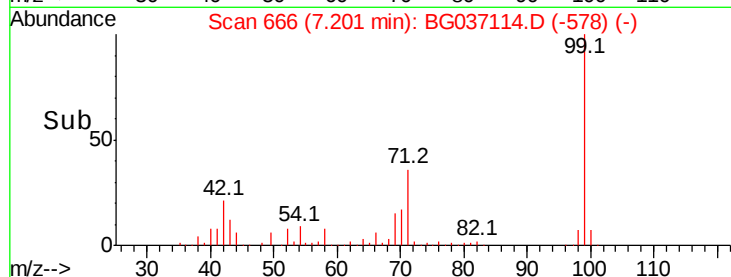


Abundance

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

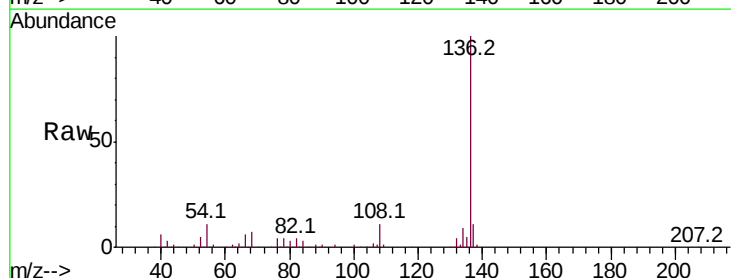
Delta R.T. -0.01 min

Lab File: BG037114.D

Acq: 2 Oct 2018 21:13

Tgt Ion: 136 Resp: 238627

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.1	9.2	13.8
68	6.9	5.8	8.6



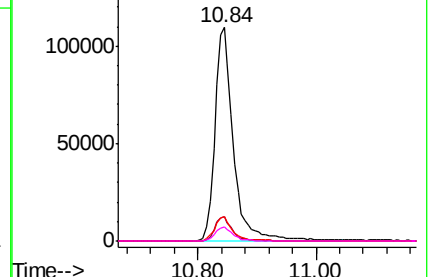
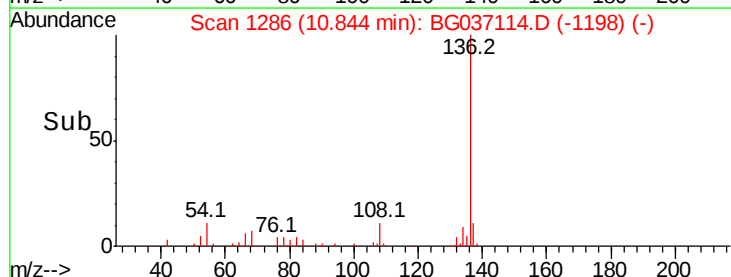
Abundance

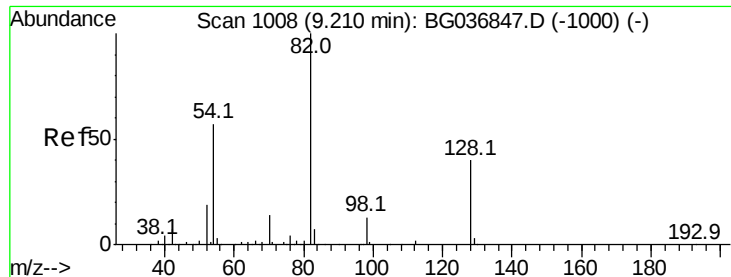
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

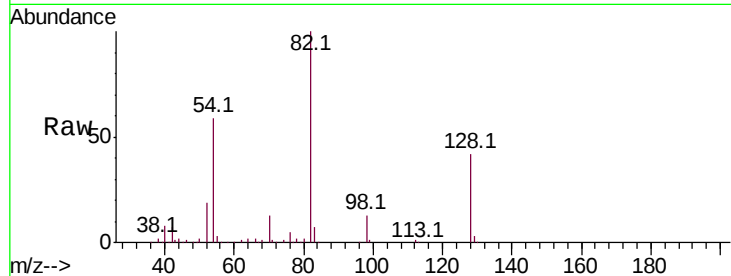
Ion 68.00 (67.70 to 68.70): BGC



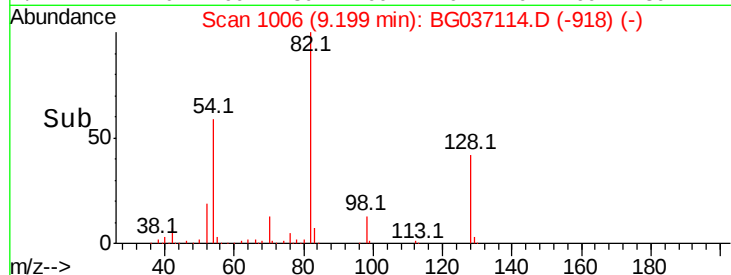
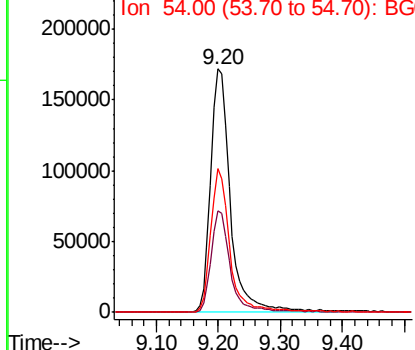


#23
Nitrobenzene-d5
Concen: 85.383 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tot Ion	82	Resp	380473
Ion Ratio	100	Lower	Upper
128	41.5	33.3	49.9
54	59.3	45.1	67.7

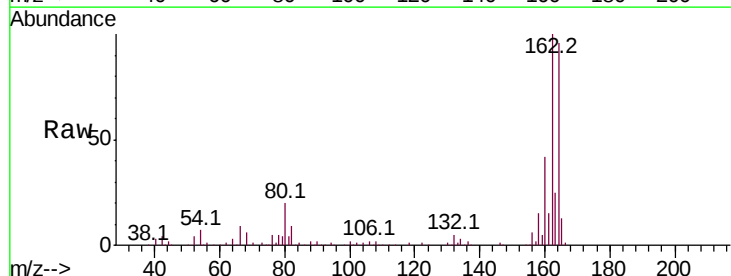


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

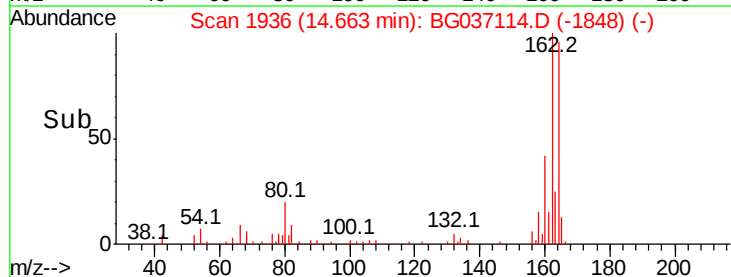
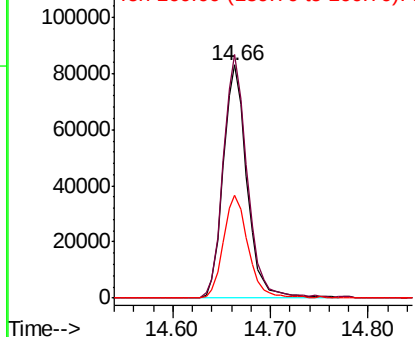


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion	164	Resp	140336
Ion Ratio	100	Lower	Upper
162	104.6	80.7	121.1
160	44.2	35.3	52.9



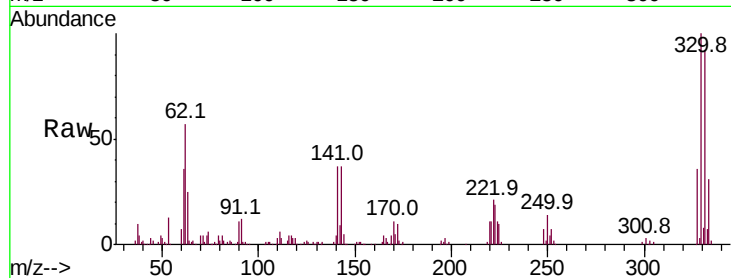
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



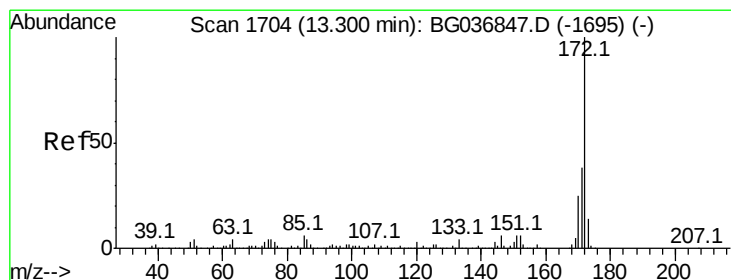
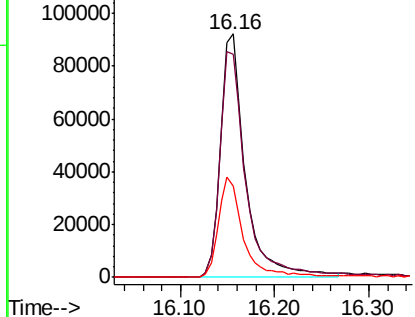
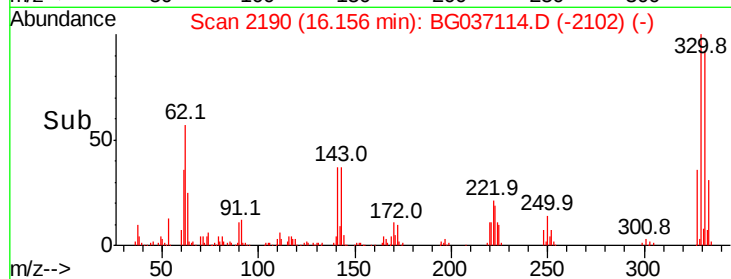


#41
 2,4,6-Tribromophenol
 Concen: 102.002 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037114.D
 Acq: 2 Oct 2018 21:13

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	75.4	113.2
141	42.0	30.7	46.1

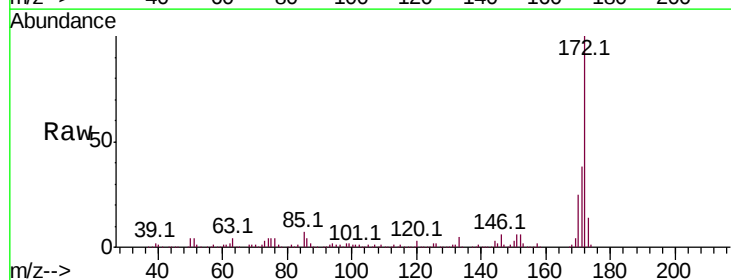


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

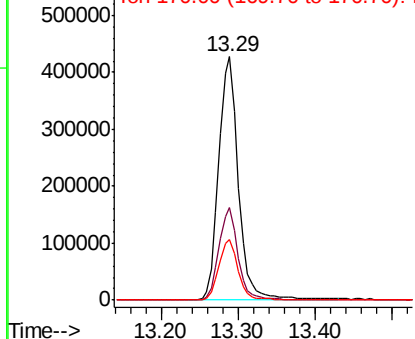
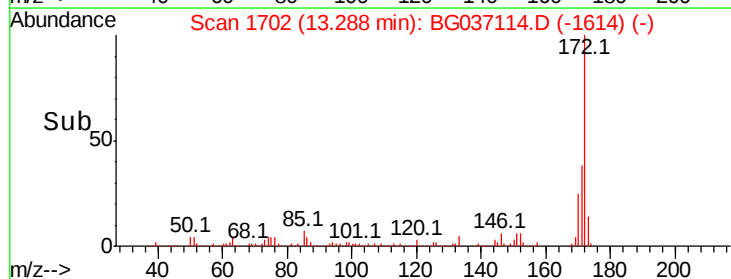


#44
 2-Fluorobiphenyl
 Concen: 80.375 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037114.D
 Acq: 2 Oct 2018 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.1	21.0	31.6



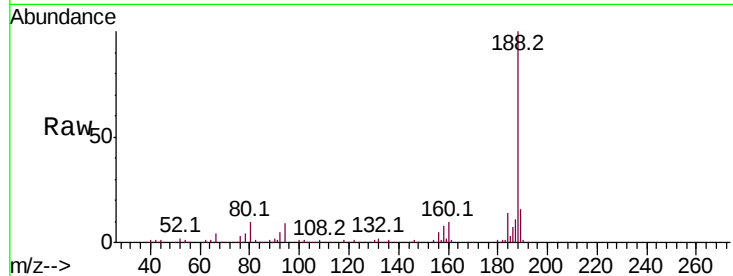
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



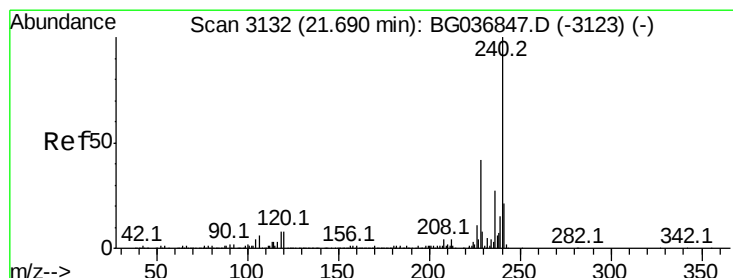
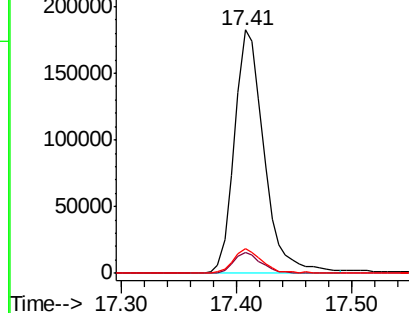
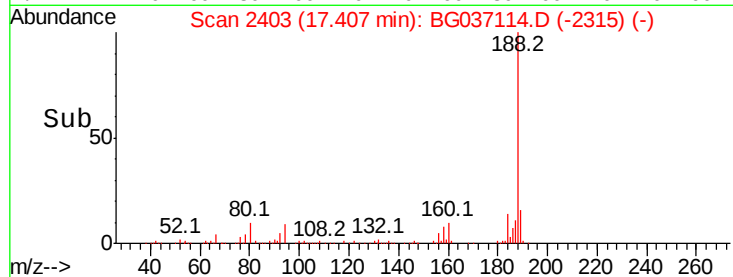


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tot Ion:188 Resp: 325289
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.0 8.1 12.1

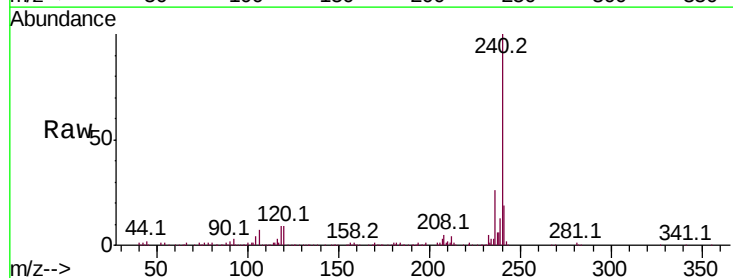


Abundance Ion 188.00 (187.70 to 188.70): E
250000
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

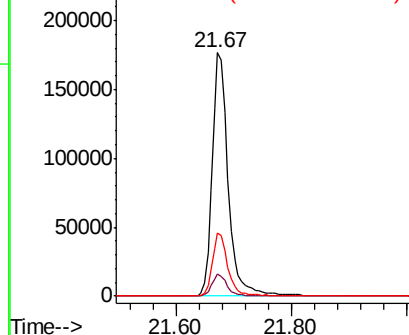
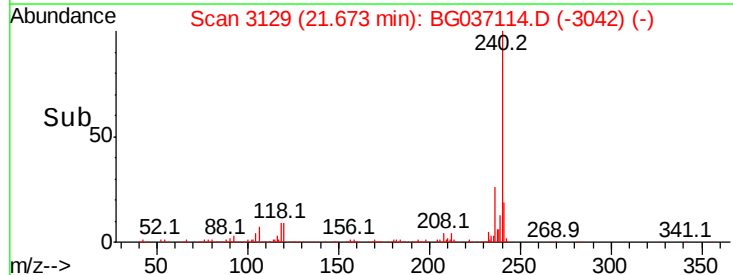


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037114.D
Acq: 2 Oct 2018 21:13

Tgt Ion:240 Resp: 343801
Ion Ratio Lower Upper
240 100
120 9.4 6.9 10.3
236 25.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
200000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

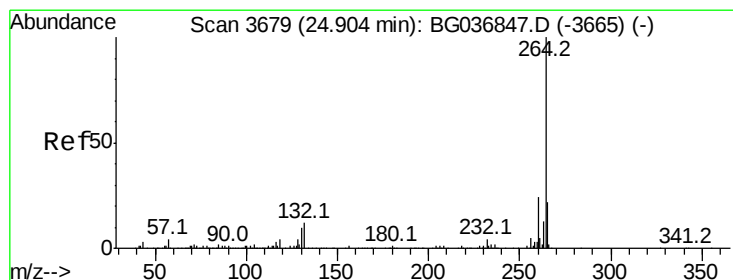
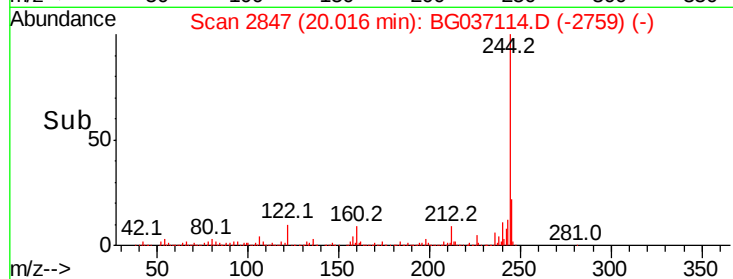
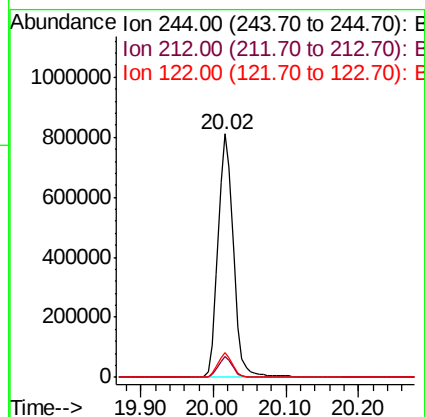
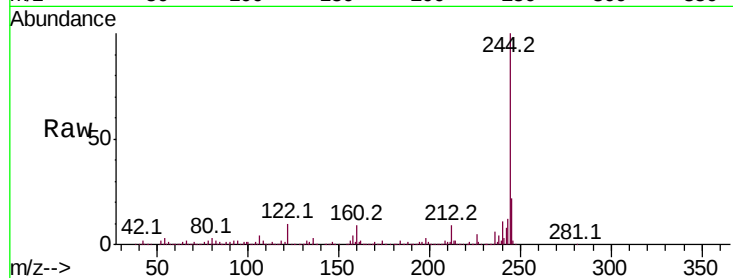




#78
 Terphenyl-d14
 Concen: 91.851 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037114.D
 Acq: 2 Oct 2018 21:13

Tot Ion:244 Resp: 1200929

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	10.1	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: BG037114.D
 Acq: 2 Oct 2018 21:13

Tgt Ion:264 Resp: 330688

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	22.1	17.4	26.0

