

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035960.D
 Acq On : 28 Jul 2018 6:25
 Operator : JU/SJ
 Sample : J4189-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

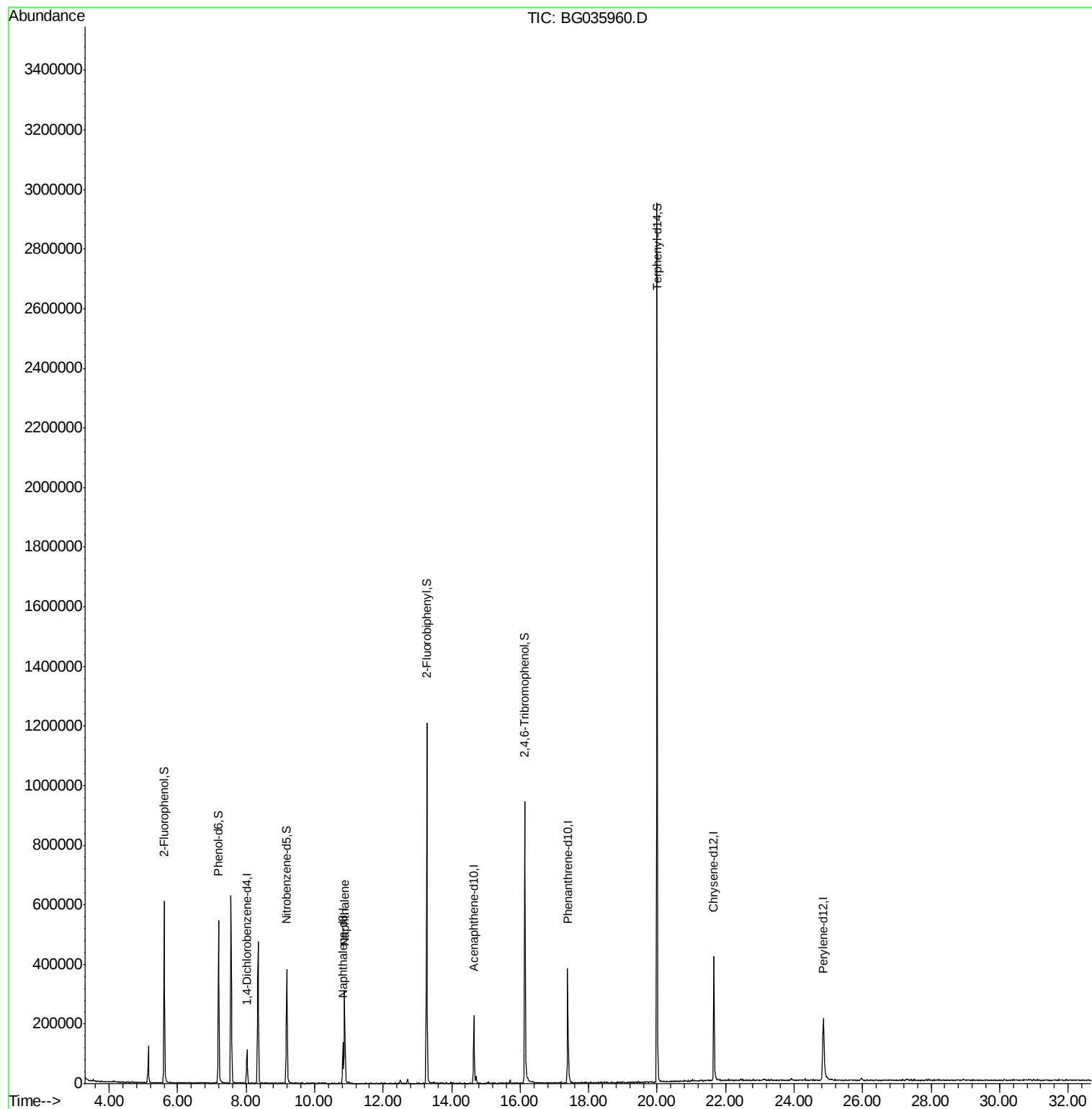
Quant Time: Jul 30 00:45:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32090	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115811	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	88761	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	269620	20.00	ng	0.00
75) Chrysene-d12	21.65	240	301962	20.00	ng	0.00
86) Perylene-d12	24.86	264	277517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	259011	134.00	ng	0.00
7) Phenol-d6	7.19	99	346730	120.23	ng	0.00
23) Nitrobenzene-d5	9.18	82	275923	99.53	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	198028	169.27	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	665061	100.38	ng	0.00
78) Terphenyl-d14	20.00	244	1458702	106.48	ng	0.00
Target Compounds						
31) Naphthalene	10.87	128	274570	45.514	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

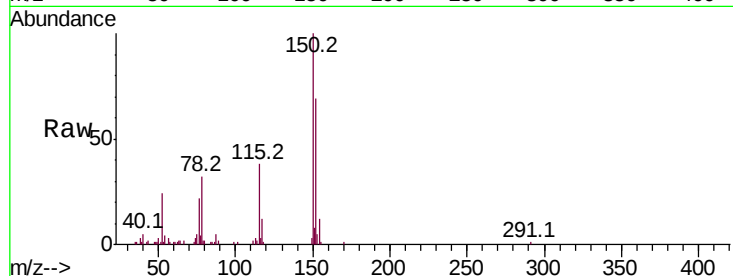
Tot Ion:152 Resp: 32090

Ion Ratio Lower Upper

152 100

150 144.9 126.6 189.8

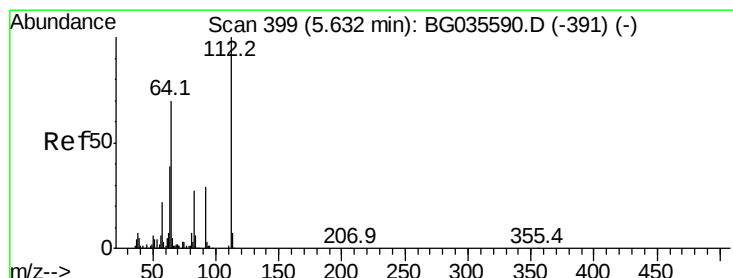
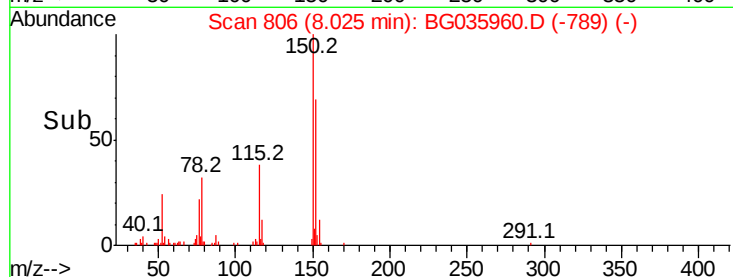
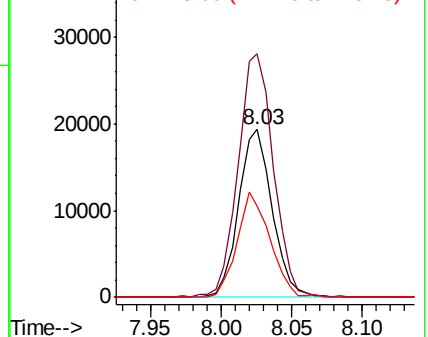
115 54.5 53.0 79.4



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: 134.004 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

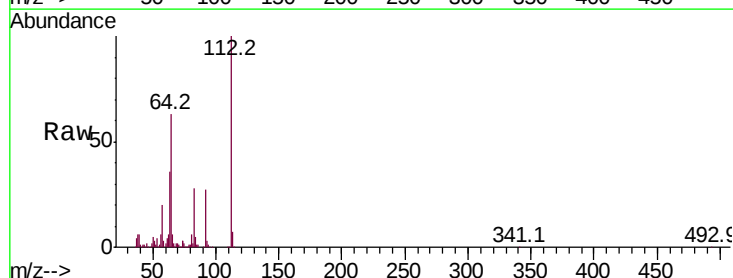
Tgt Ion:112 Resp: 259011

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

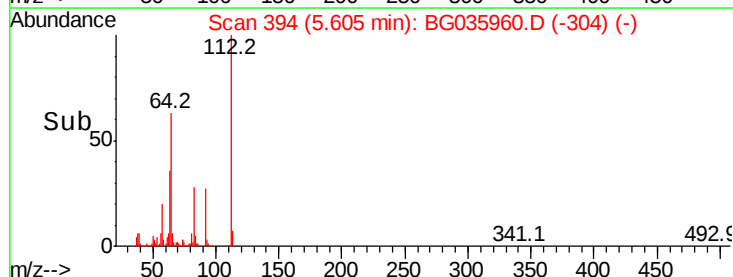
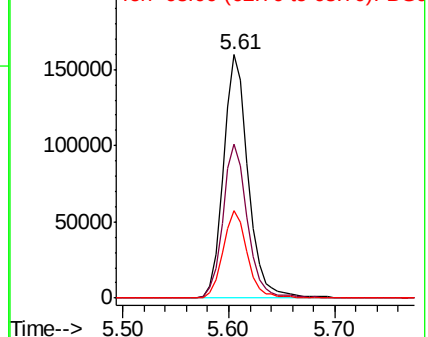
63 35.8 30.1 45.1

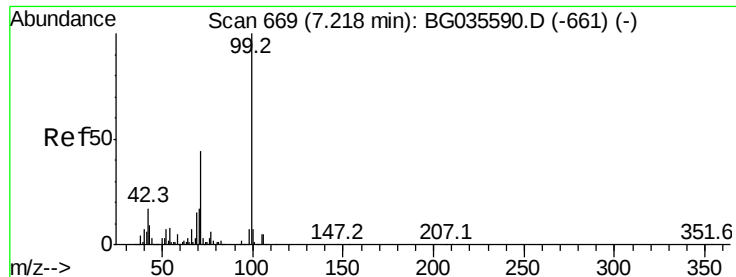


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.234 ng

RT: 7.19 min Scan# 664

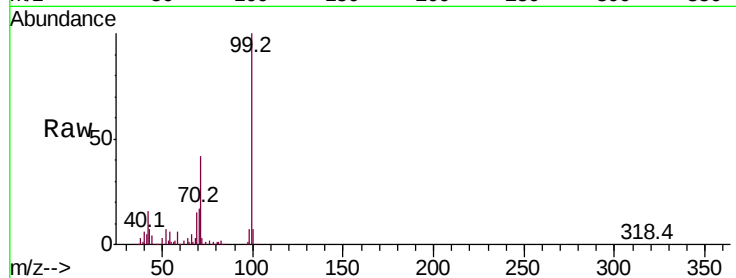
Delta R.T. -0.00 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

Tot Ion: 99 Resp: 346730

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	41.8	26.1	39.1#

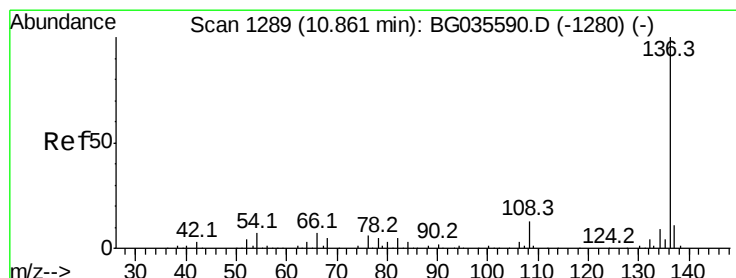
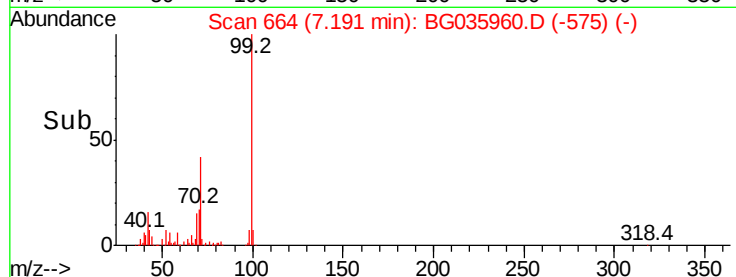
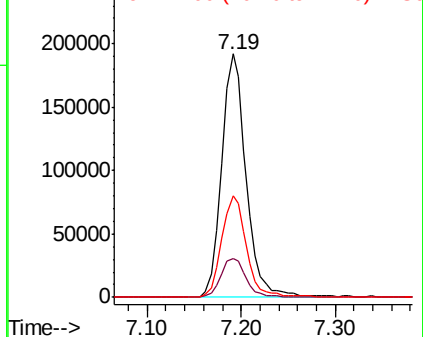


Abundance

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: 10.83 min Scan# 1283

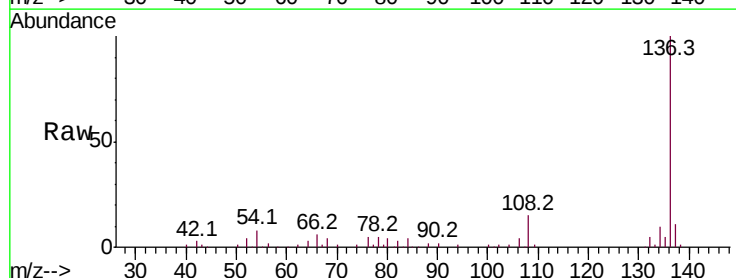
Delta R.T. -0.00 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

Tgt Ion: 136 Resp: 115811

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.6	10.3	15.5#
68	4.1	4.5	6.7#



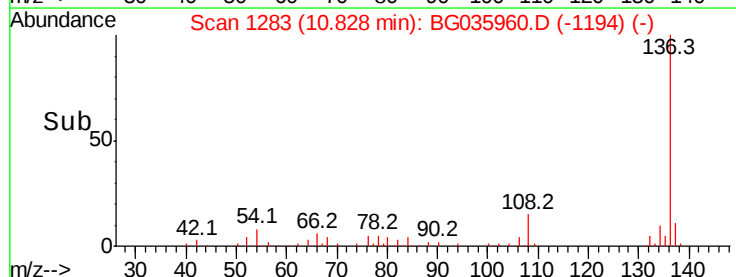
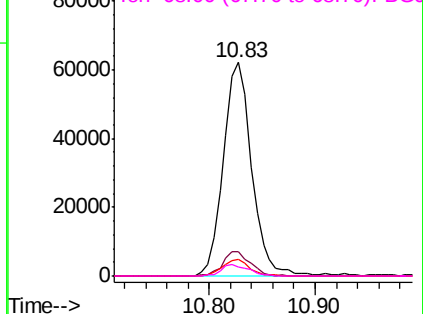
Abundance

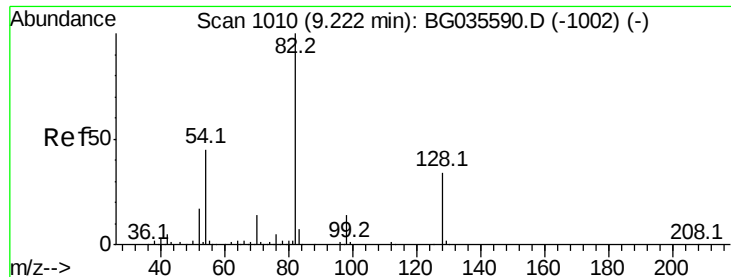
Ion 136.00 (135.70 to 136.70): BGC

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: 99.529 ng

RT: 9.18 min Scan# 1003

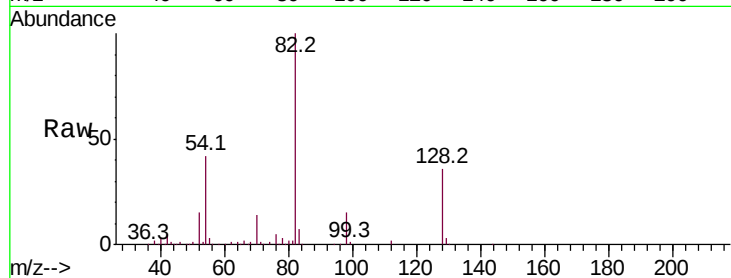
Delta R.T. -0.00 min

Lab File: BG035960.D

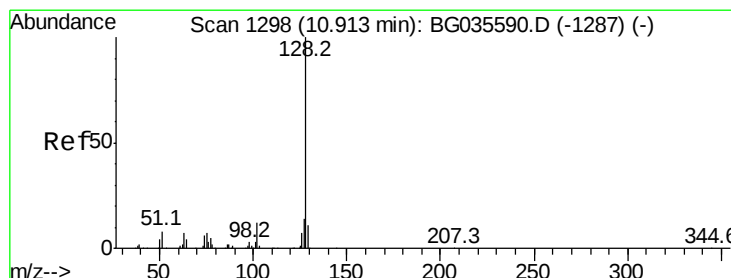
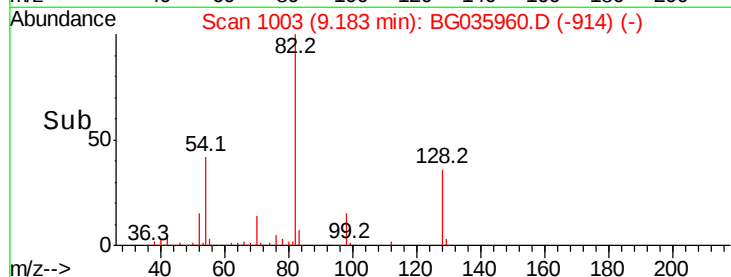
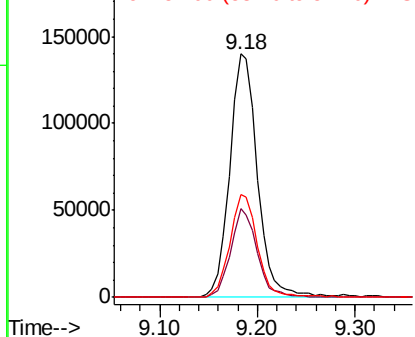
Acq: 28 Jul 2018 6:25

Tot Ion: 82 Resp: 275923

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	42.1	43.1	64.7#



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



#31

Naphthalene

Concen: 45.514 ng

RT: 10.87 min Scan# 1291

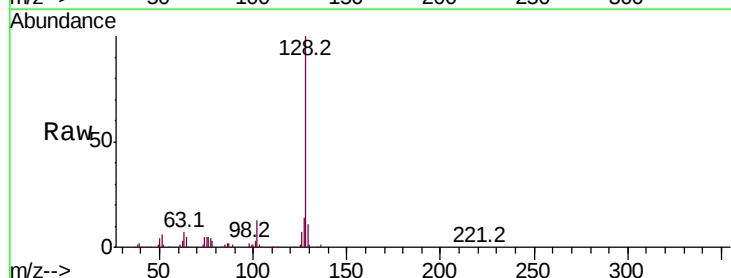
Delta R.T. -0.00 min

Lab File: BG035960.D

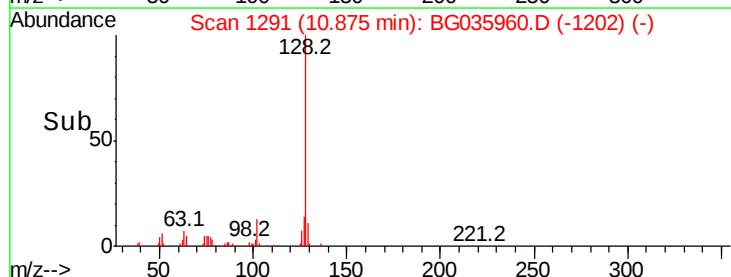
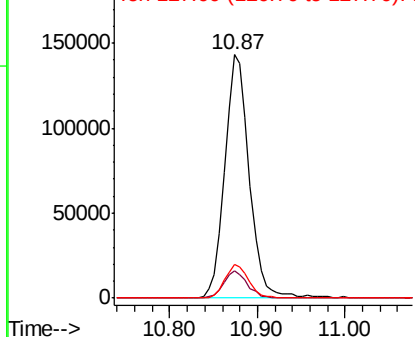
Acq: 28 Jul 2018 6:25

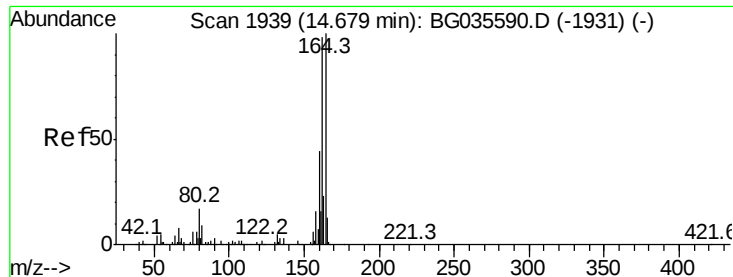
Tgt Ion: 128 Resp: 274570

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.8	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

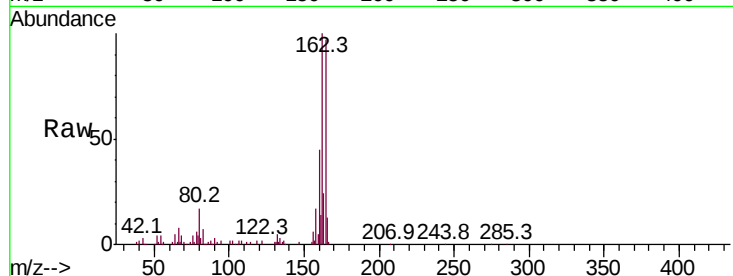
Tot Ion:164 Resp: 88761

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

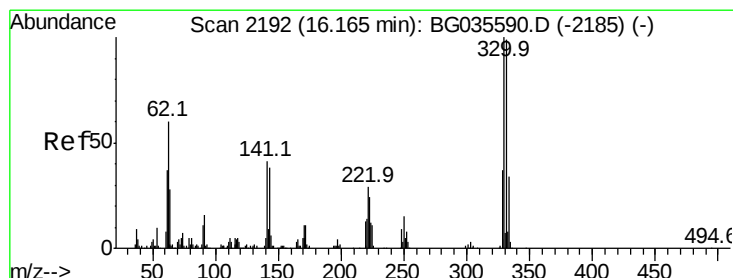
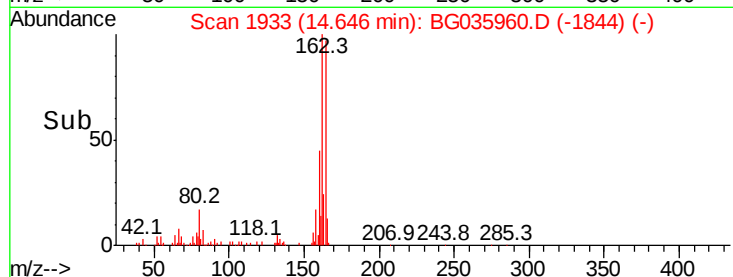
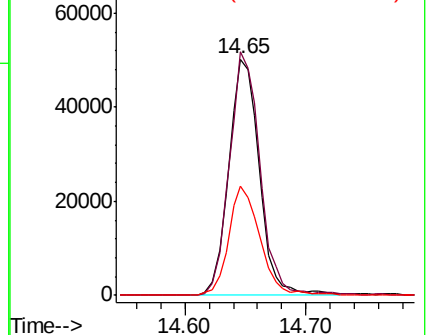
160 45.9 35.4 53.0



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: 169.265 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

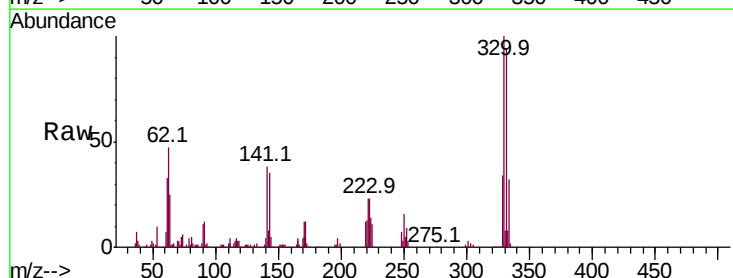
Tgt Ion:330 Resp: 198028

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

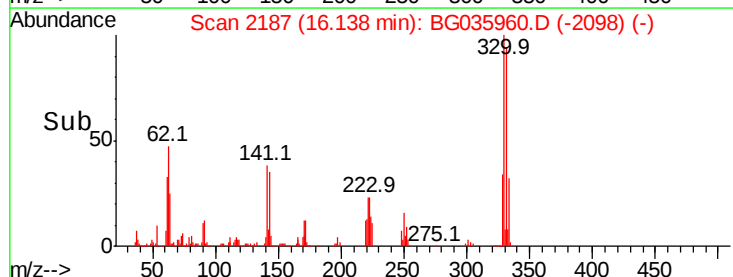
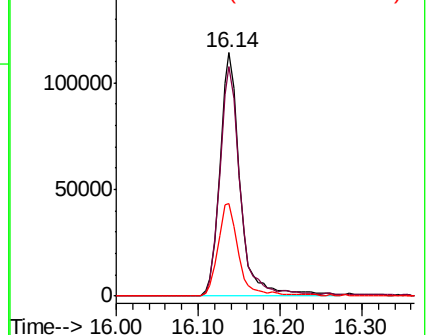
141 38.6 25.2 37.8#

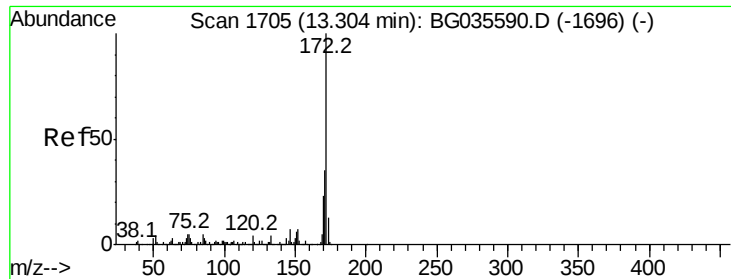


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

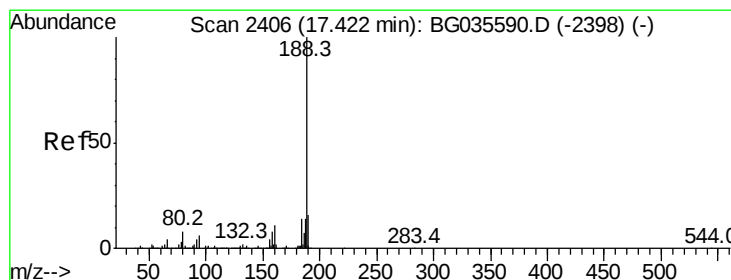
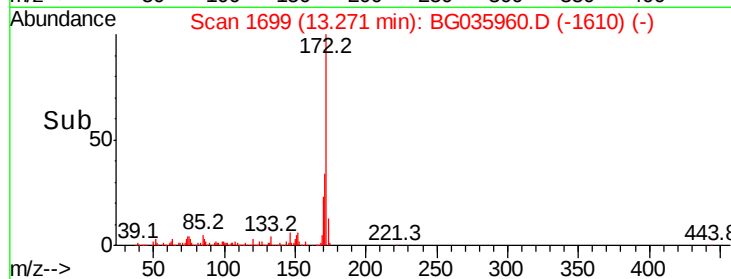
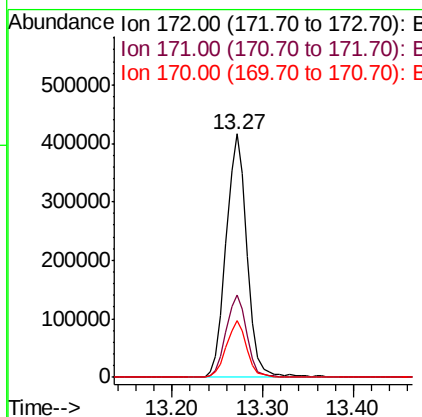
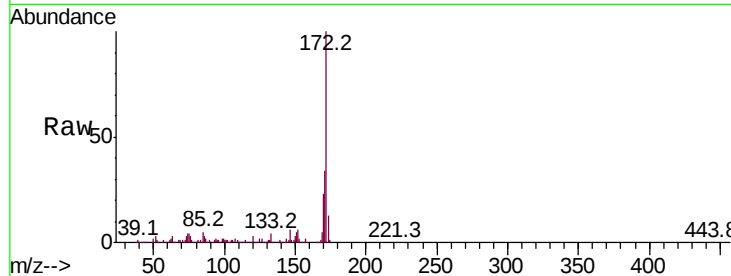




#44
2-Fluorobiphenyl
Concen: 100.383 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tot Ion:172 Resp: 665061

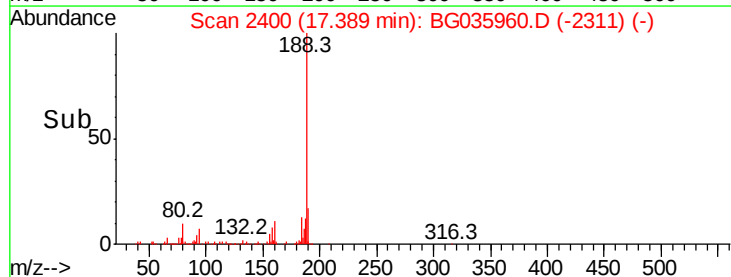
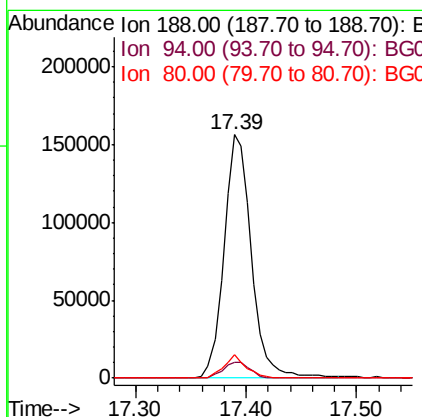
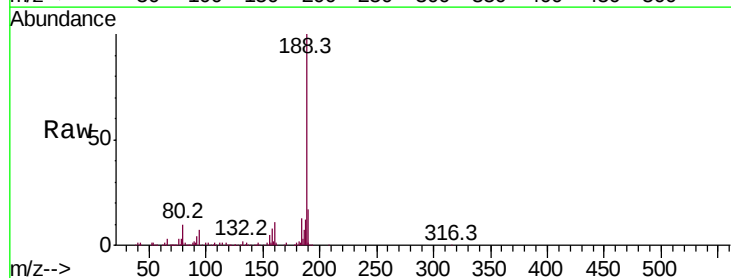
Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.5	19.5	29.3

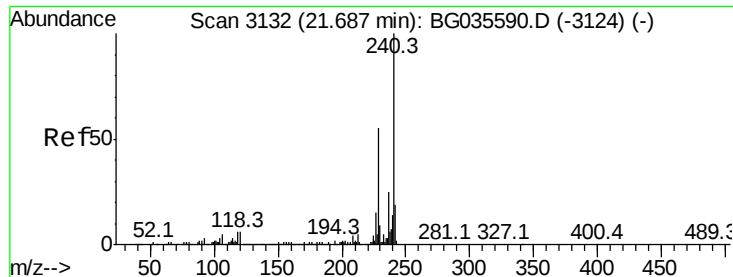


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:188 Resp: 269620

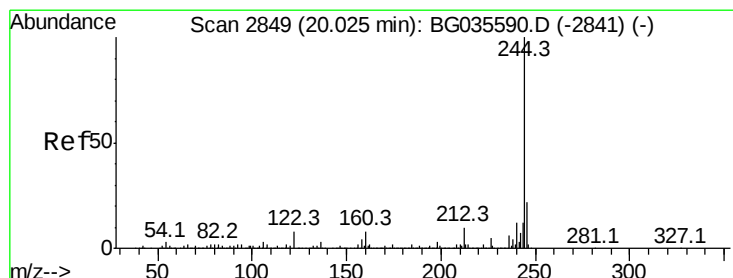
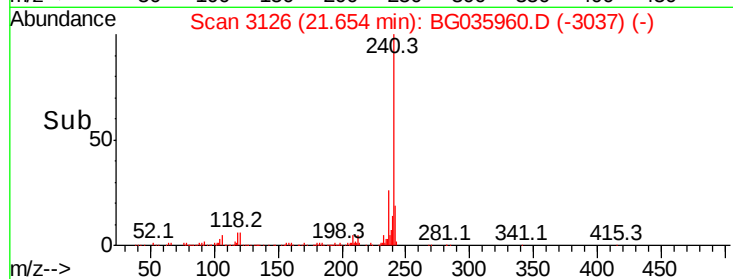
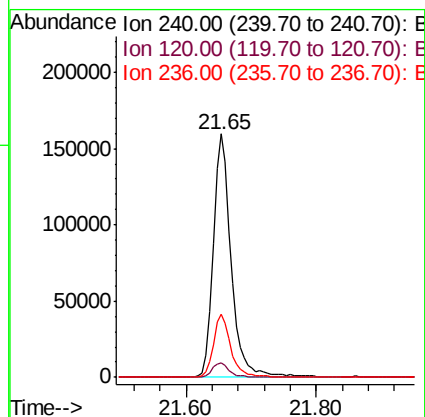
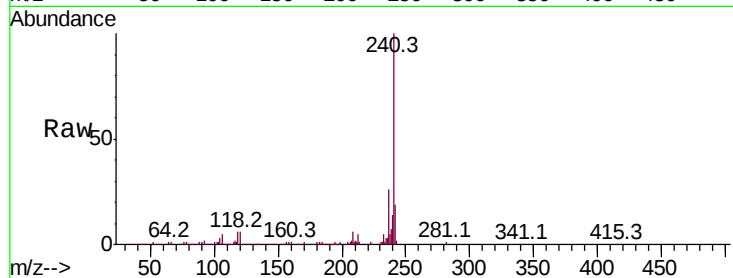
Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	9.6	7.7	11.5





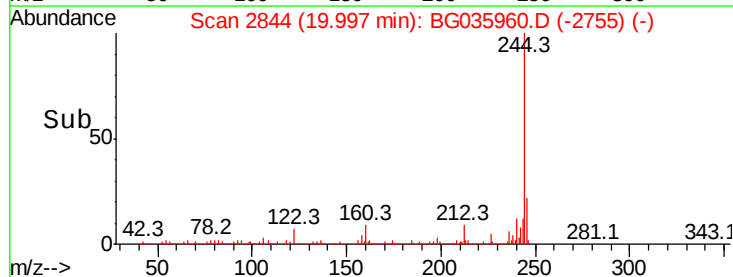
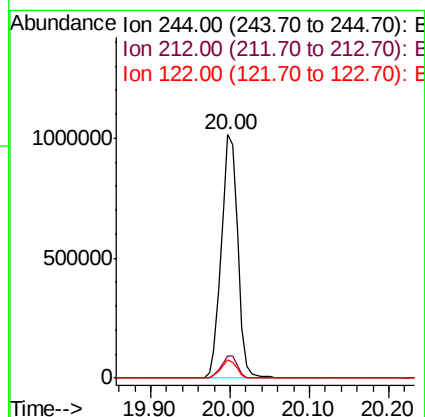
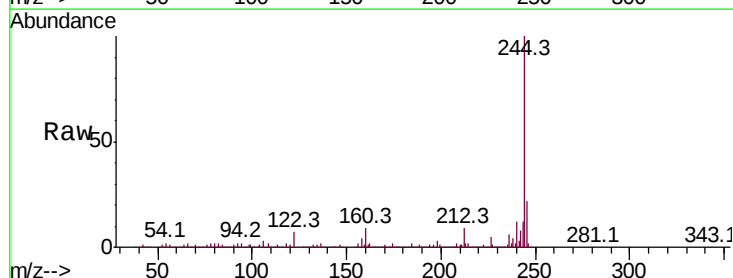
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG035960.D
 Acq: 28 Jul 2018 6:25

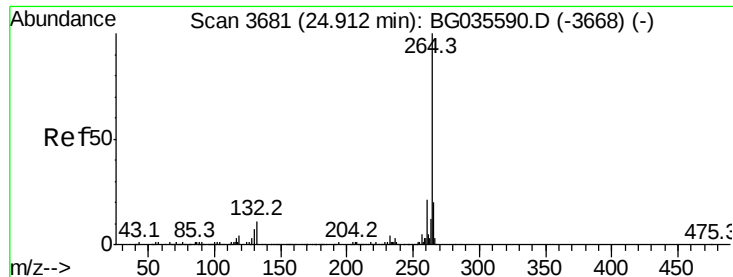
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.9	20.9	31.3



#78
 Terphenyl-d14
 Concen: 106.484 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BG035960.D
 Acq: 28 Jul 2018 6:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	7.4	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.3	17.7	26.5

