

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035933.D
 Acq On : 27 Jul 2018 12:11
 Operator : JU/SJ
 Sample : PB111401TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 27 14:21:10 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

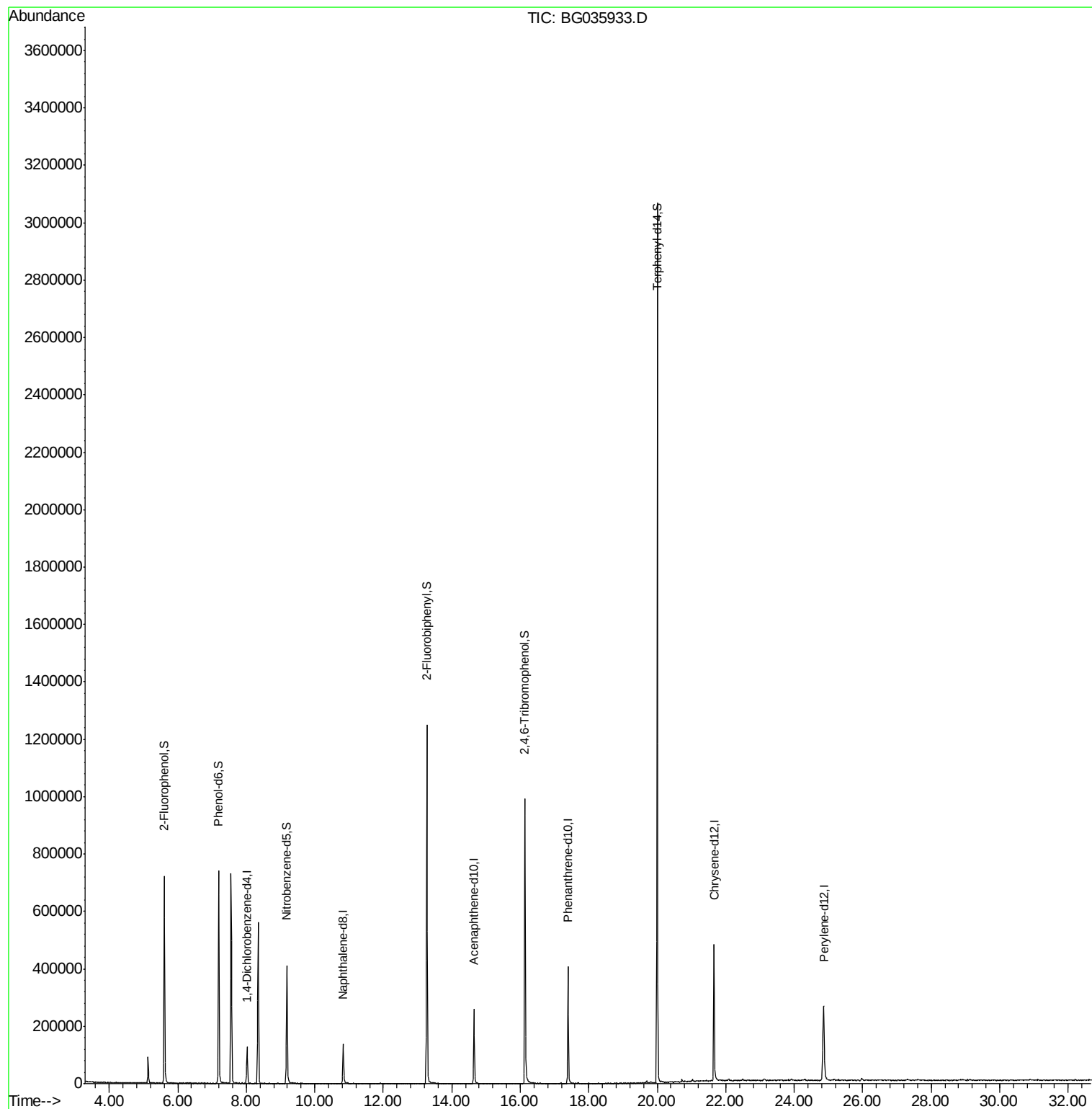
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36317	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	133078	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	98459	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	288632	20.00	ng	0.00
75) Chrysene-d12	21.66	240	328257	20.00	ng	0.00
86) Perylene-d12	24.85	264	308944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	321833	147.13	ng	0.00
7) Phenol-d6	7.19	99	458123	140.37	ng	0.00
23) Nitrobenzene-d5	9.19	82	296327	93.02	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	200480	154.48	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	719955	97.96	ng	0.00
78) Terphenyl-d14	20.00	244	1485660	99.76	ng	0.00

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

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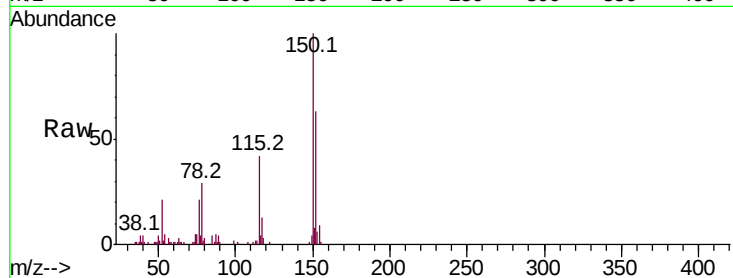




#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035933.D
 Acq: 27 Jul 2018 12:11

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.6	189.8
115	65.9	53.0	79.4

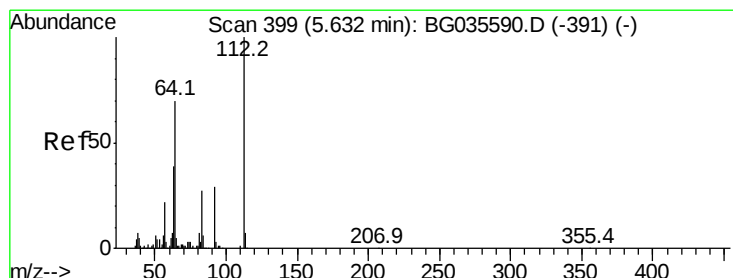
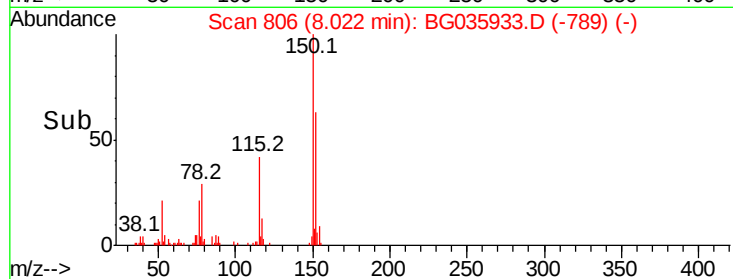
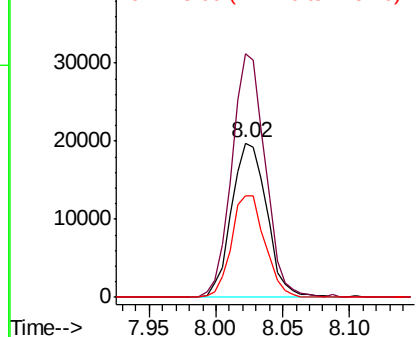


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

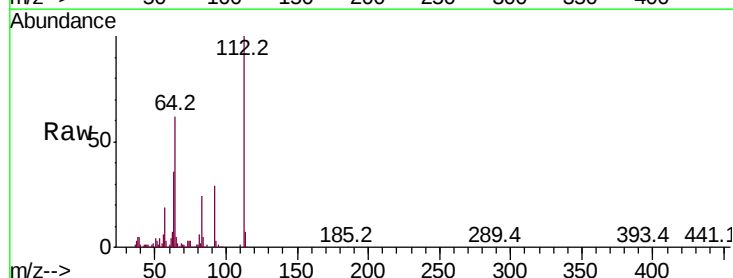
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 147.126 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG035933.D
 Acq: 27 Jul 2018 12:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.3	84.5
63	36.1	30.1	45.1

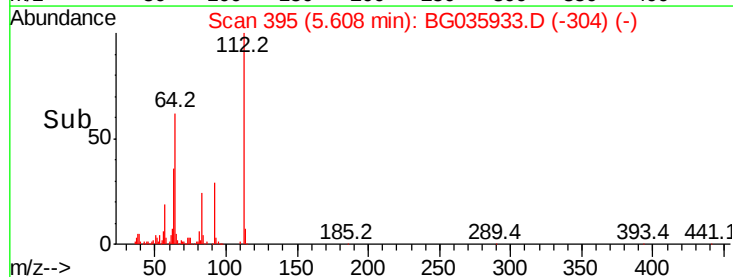
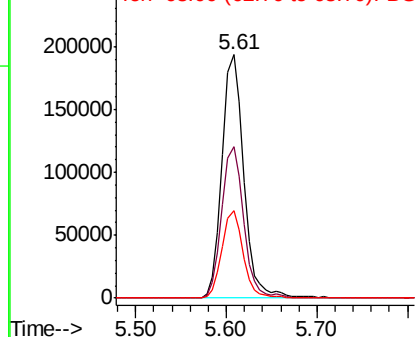


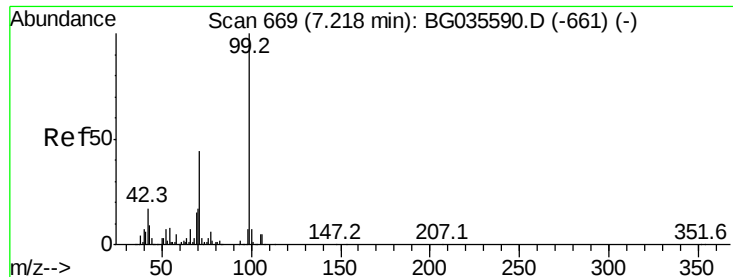
Abundance

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: 140.371 ng

RT: 7.19 min Scan# 665

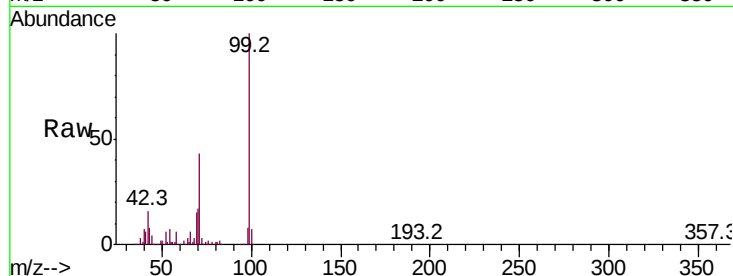
Delta R.T. -0.00 min

Lab File: BG035933.D

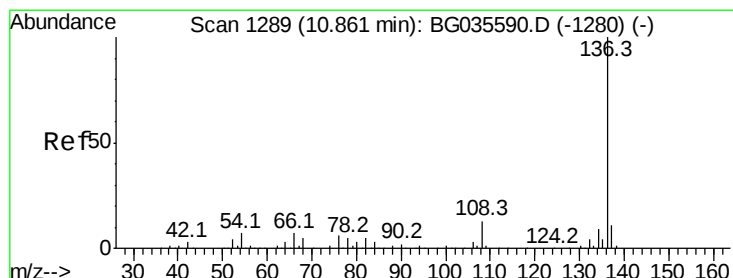
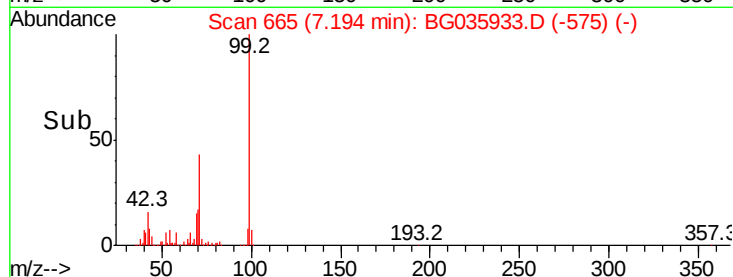
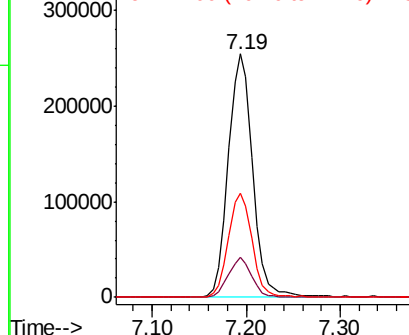
Acq: 27 Jul 2018 12:11

Tot Ion: 99 Resp: 458123

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	42.8	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# 1284

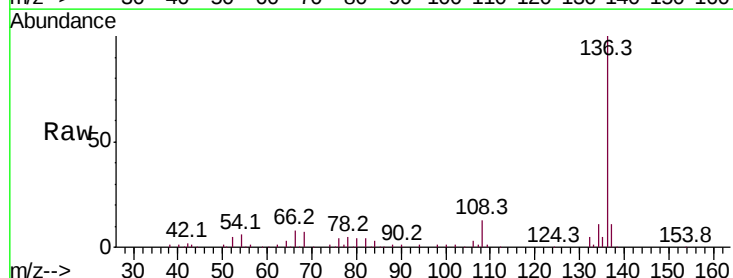
Delta R.T. -0.00 min

Lab File: BG035933.D

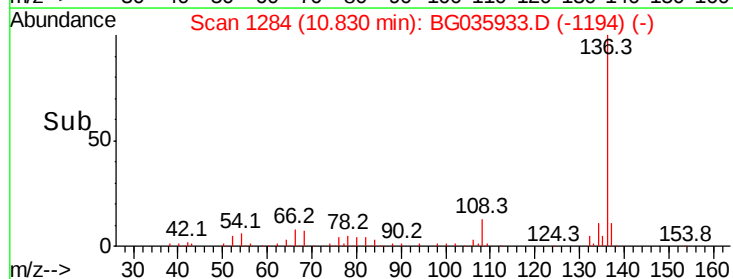
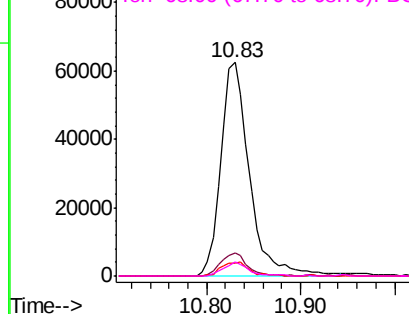
Acq: 27 Jul 2018 12:11

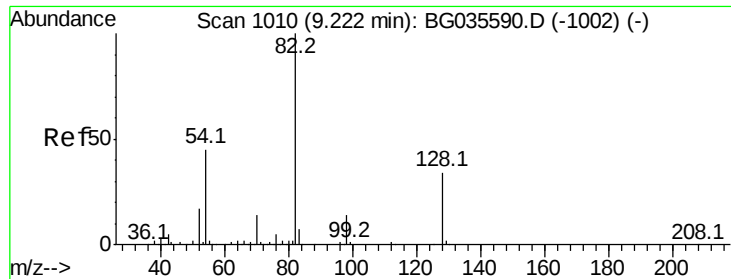
Tgt Ion: 136 Resp: 133078

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.8	10.3	15.5#
68	6.8	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: 93.020 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035933.D

Acq: 27 Jul 2018 12:11

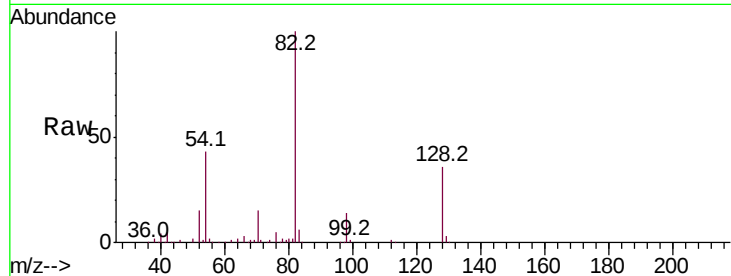
Tot Ion: 82 Resp: 296327

Ion Ratio Lower Upper

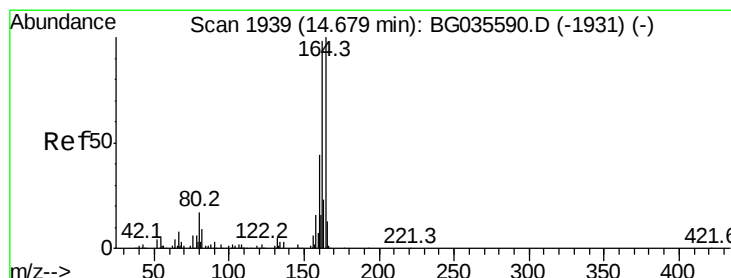
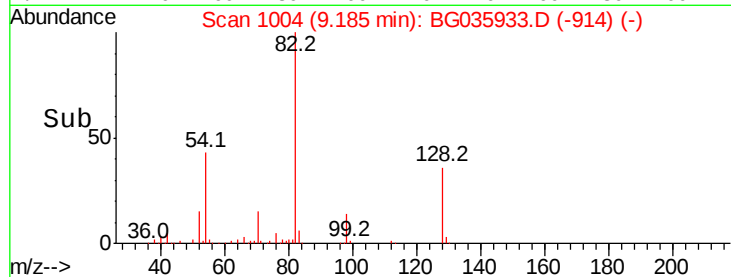
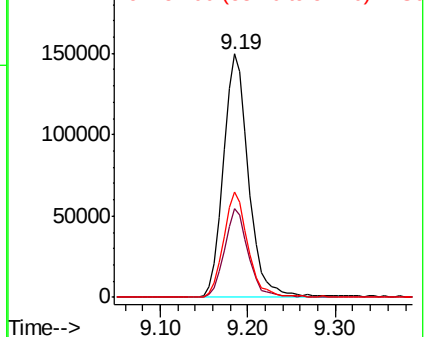
82 100

128 36.5 29.7 44.5

54 43.4 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
200000 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: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035933.D

Acq: 27 Jul 2018 12:11

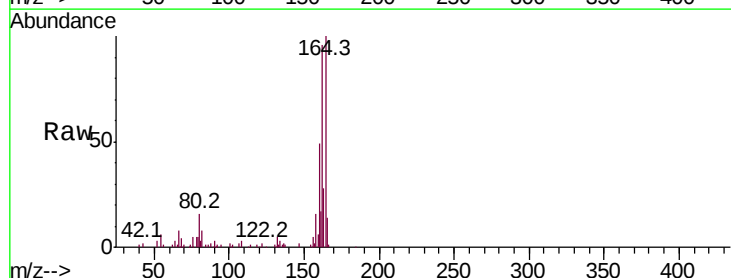
Tgt Ion: 164 Resp: 98459

Ion Ratio Lower Upper

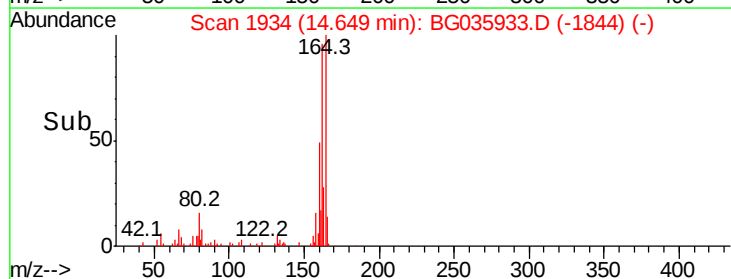
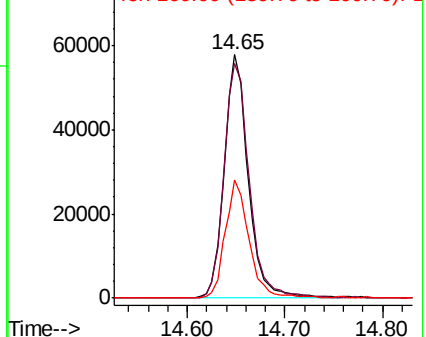
164 100

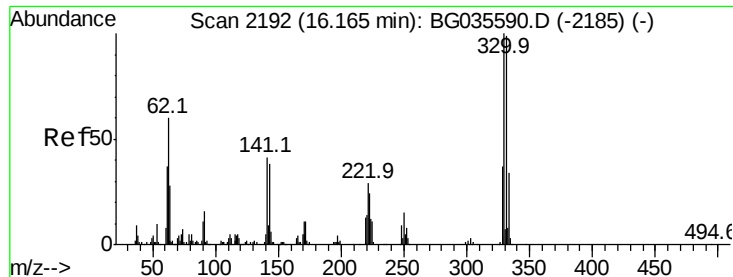
162 96.5 78.8 118.2

160 48.6 35.4 53.0



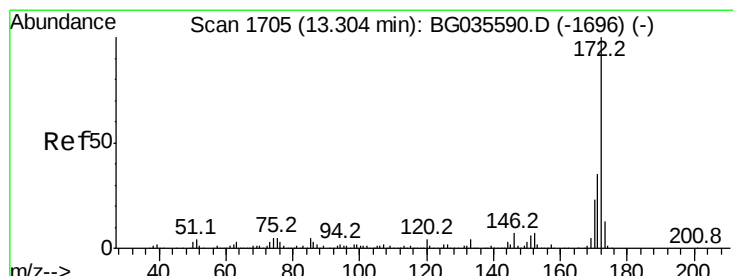
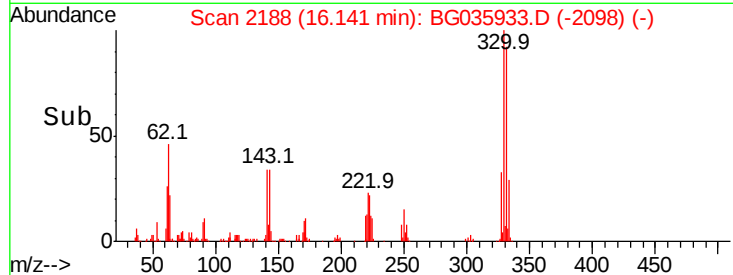
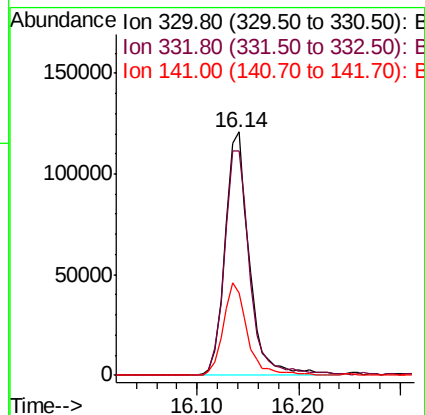
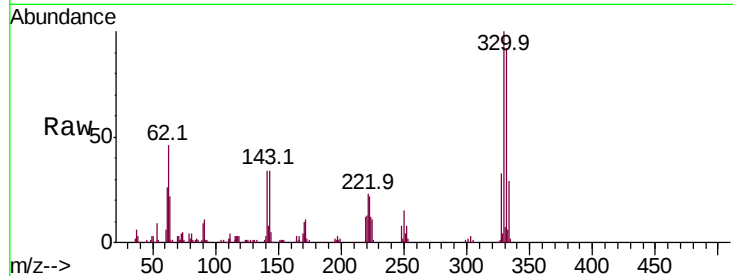
Abundance Ion 164.00 (163.70 to 164.70): BGC
80000 Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





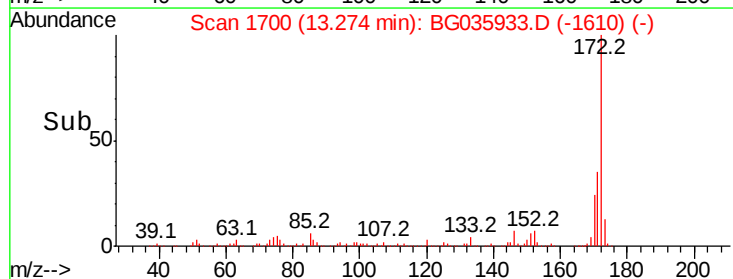
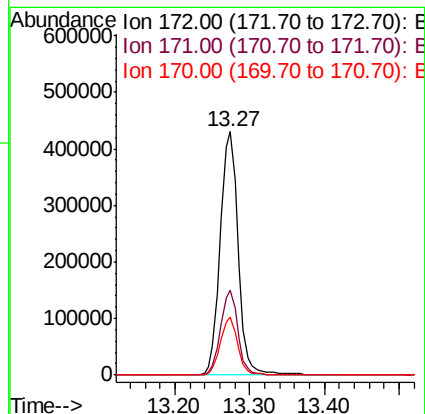
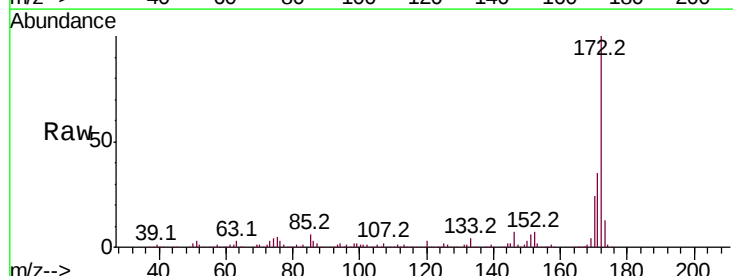
#41
 2,4,6-Tribromophenol
 Concen: 154.482 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035933.D
 Acq: 27 Jul 2018 12:11

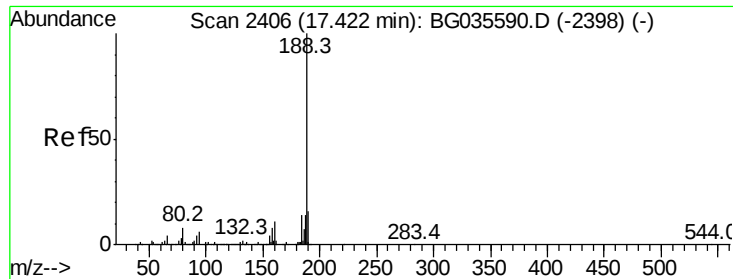
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 97.965 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035933.D
 Acq: 27 Jul 2018 12:11

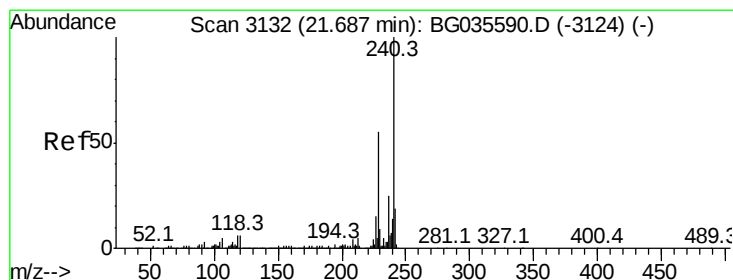
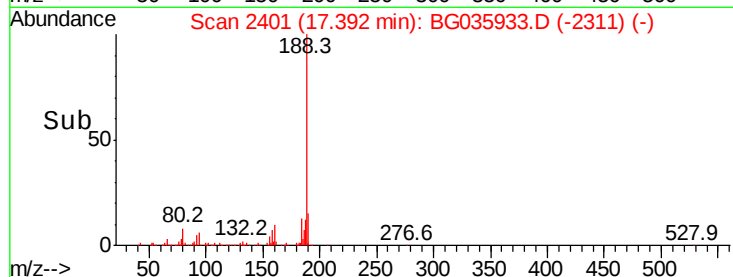
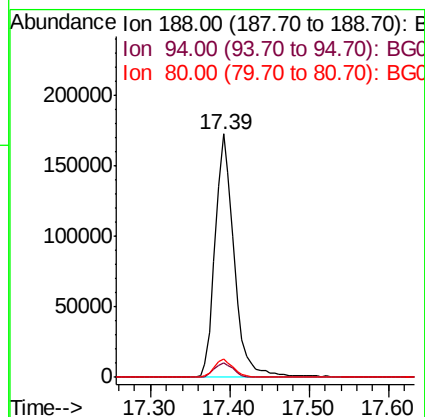
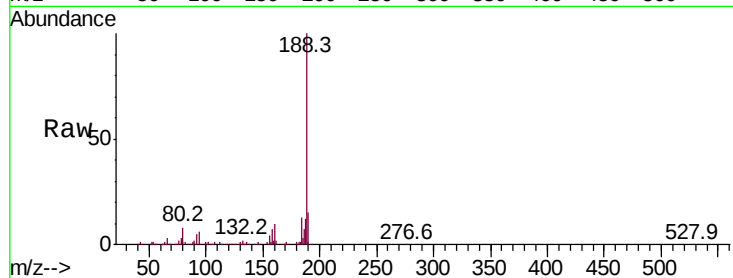
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.9	19.5	29.3





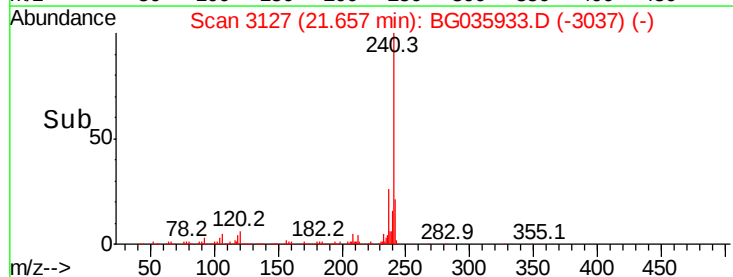
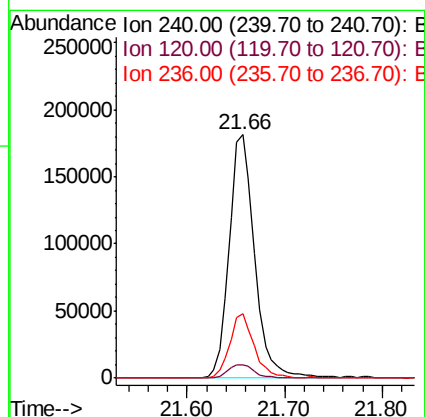
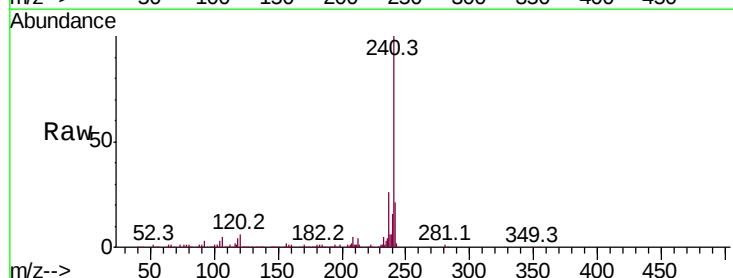
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035933.D
Acq: 27 Jul 2018 12:11

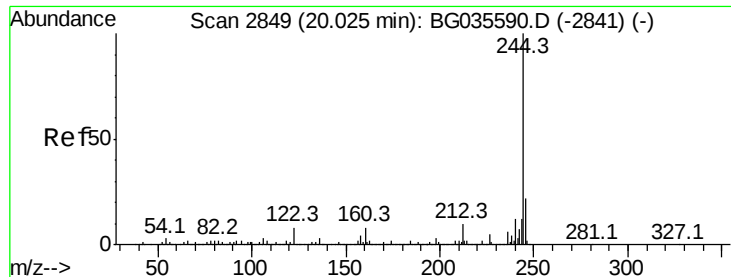
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.7	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035933.D
Acq: 27 Jul 2018 12:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	26.3	20.9	31.3

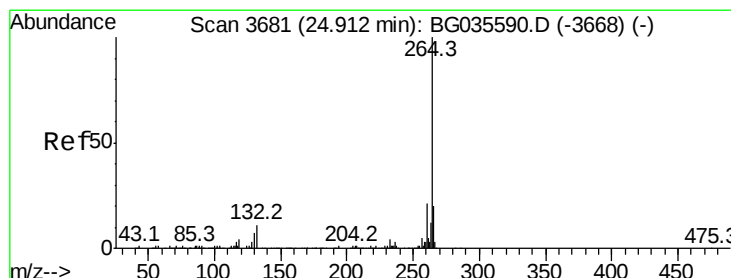
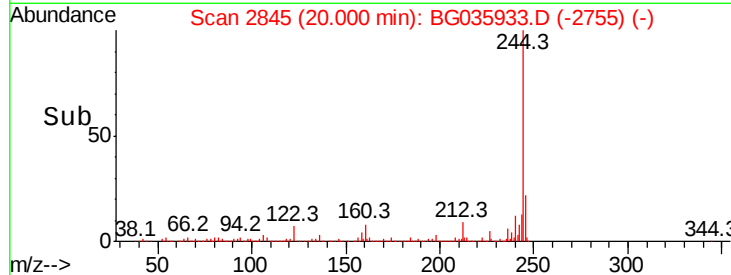
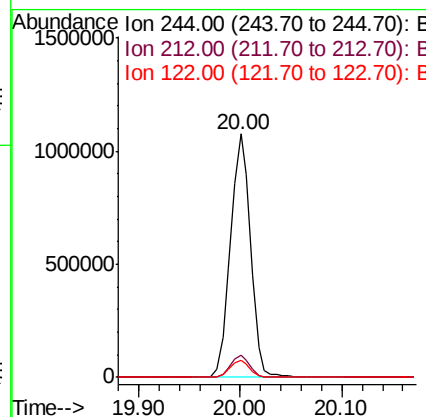
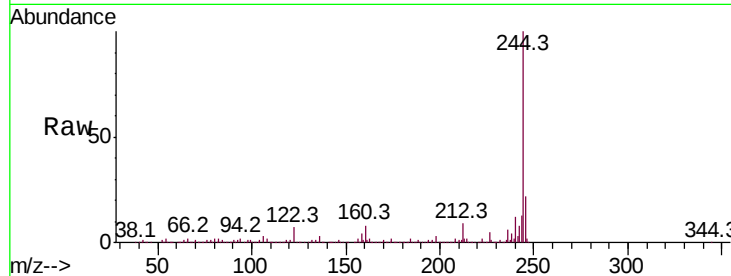




#78
 Terphenyl-d14
 Concen: 99.765 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035933.D
 Acq: 27 Jul 2018 12:11

Tot Ion:244 Resp: 1485660

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	7.1	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035933.D
 Acq: 27 Jul 2018 12:11

Tgt Ion:264 Resp: 308944

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	22.3	17.7	26.5

