

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035939.D
 Acq On : 27 Jul 2018 16:05
 Operator : JU/SJ
 Sample : J4189-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

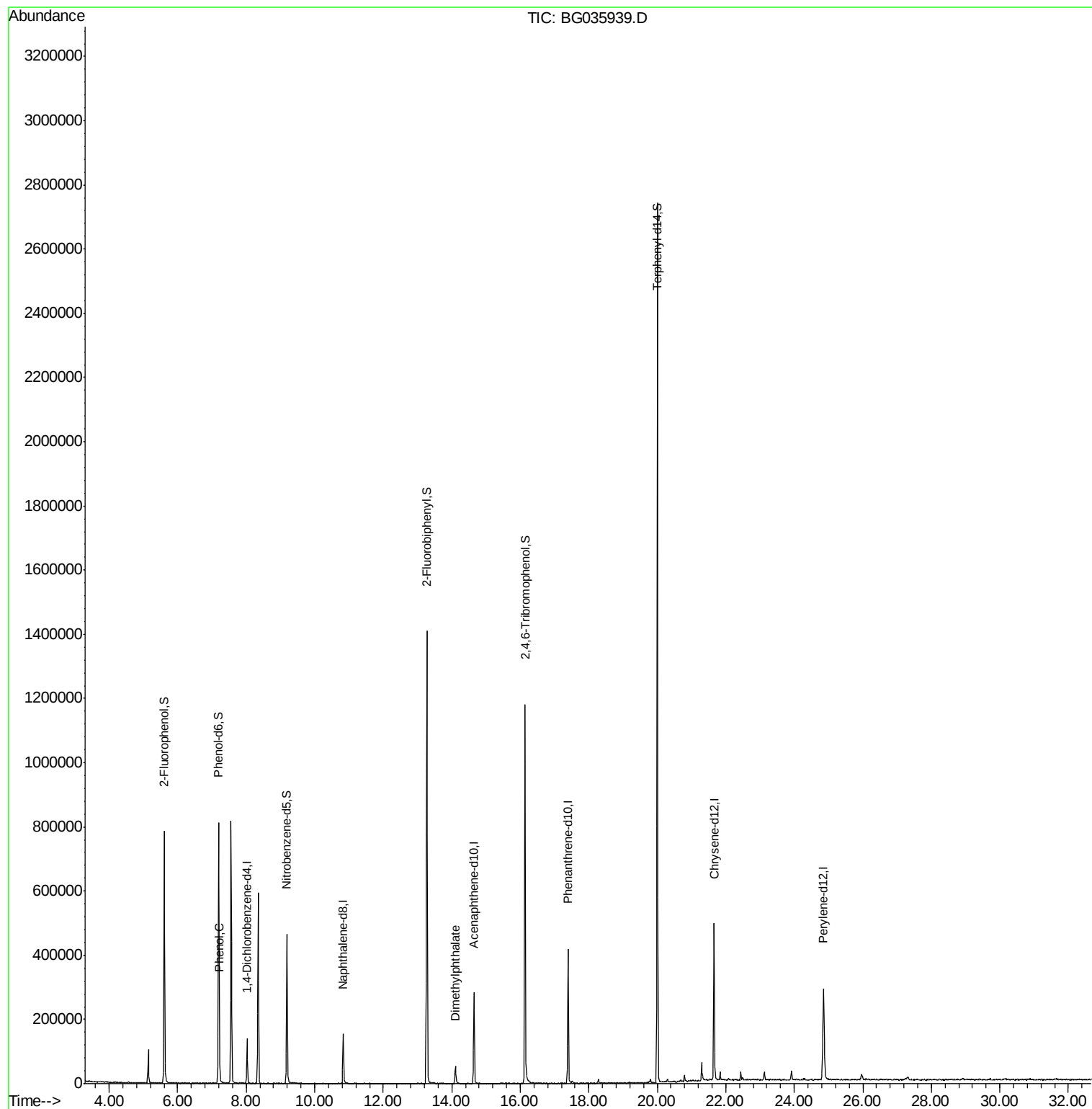
Quant Time: Jul 27 17:17:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39459	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	141415	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	104977	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	292756	20.00	ng	0.00
75) Chrysene-d12	21.65	240	324501	20.00	ng	0.00
86) Perylene-d12	24.86	264	308199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	350989	147.68	ng	0.00
7) Phenol-d6	7.20	99	507098	143.00	ng	0.00
23) Nitrobenzene-d5	9.19	82	329933	97.46	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	228289	164.99	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	779418	99.47	ng	0.00
78) Terphenyl-d14	20.00	244	1366770	92.84	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14802	4.132	ng	84
49) Dimethylphthalate	14.11	163	52184	5.674	ng	# 92

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

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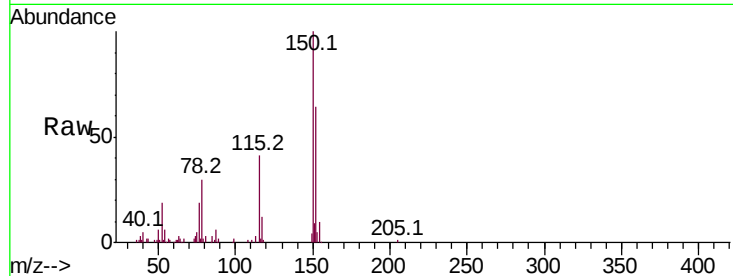




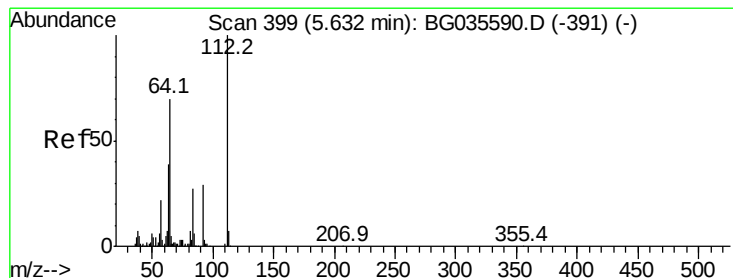
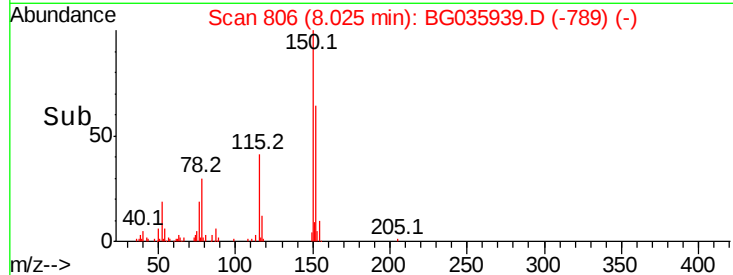
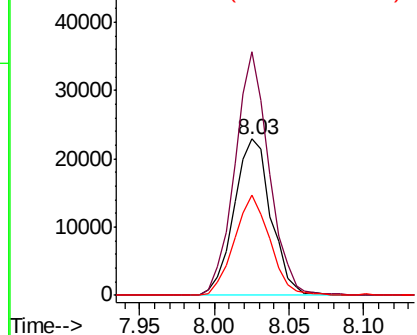
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	63.9	53.0	79.4



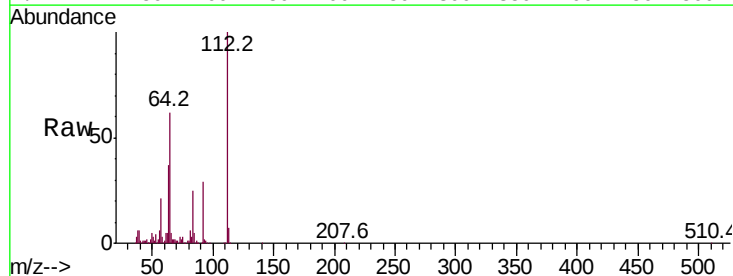
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



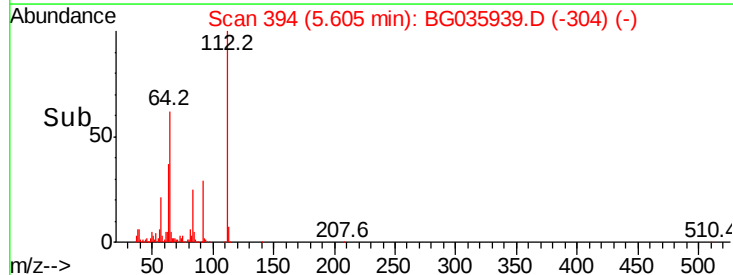
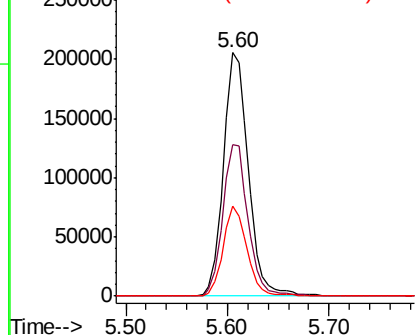
#5

2-Fluorophenol
Concen: 147.678 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	36.9	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: 143.005 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

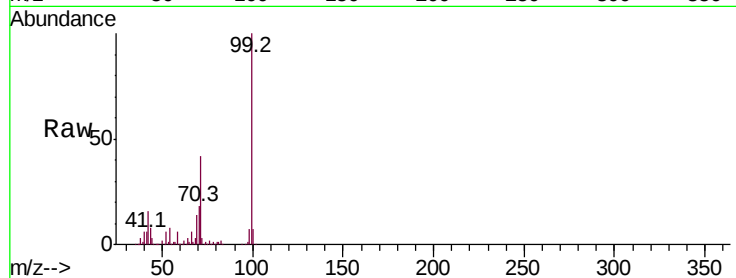
Tot Ion: 99 Resp: 507098

Ion Ratio Lower Upper

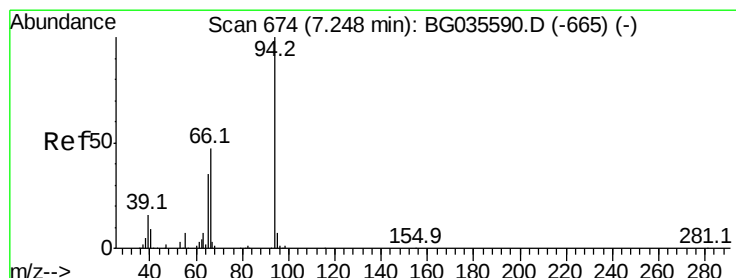
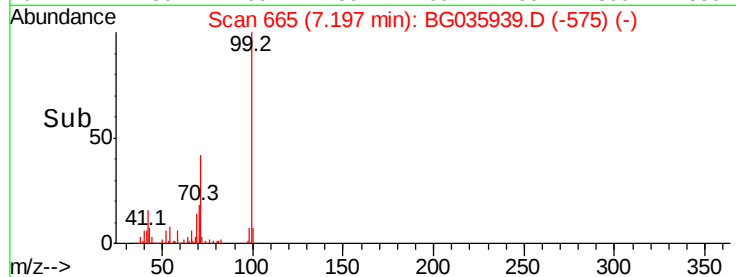
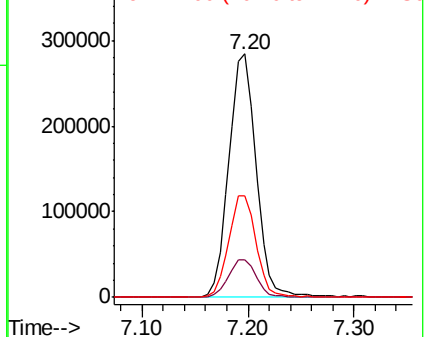
99 100

42 15.6 14.1 21.1

71 41.9 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



#10

Phenol

Concen: 4.132 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

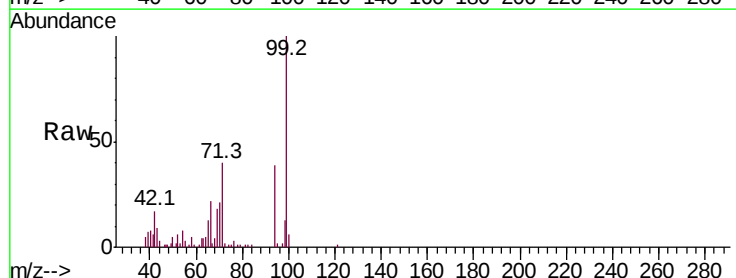
Tgt Ion: 94 Resp: 14802

Ion Ratio Lower Upper

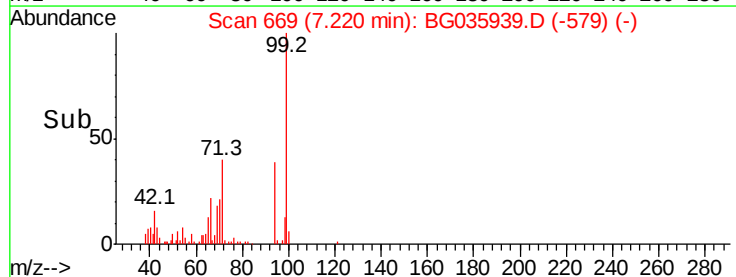
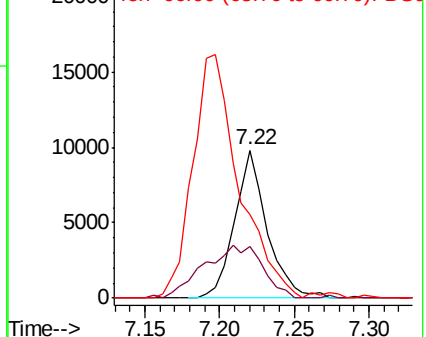
94 100

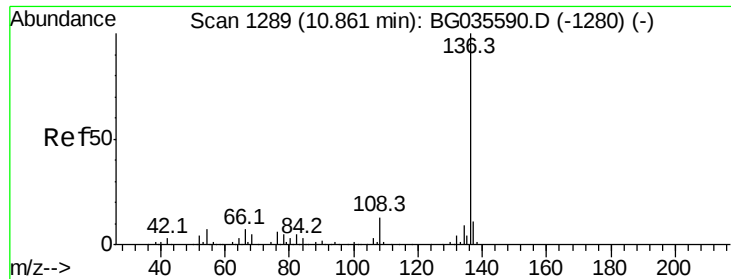
65 34.9 11.9 51.9

66 57.0 22.2 62.2



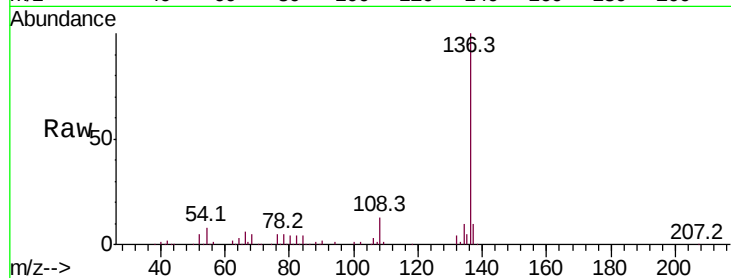
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



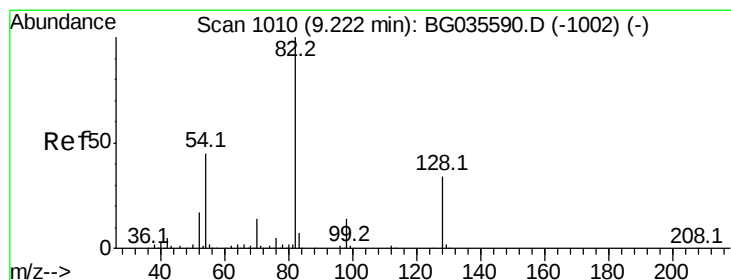
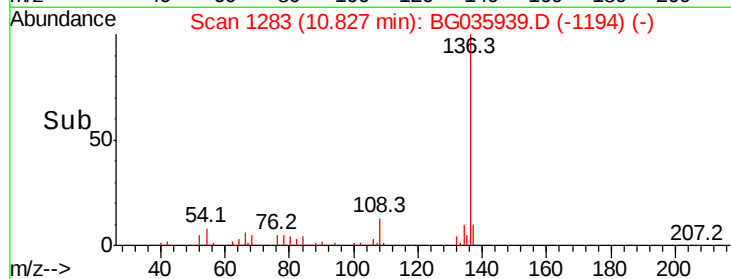
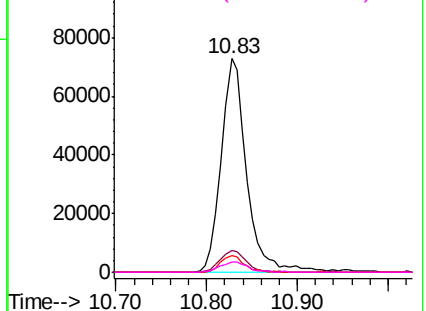


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tot Ion:136	Resp:	141415
Ion Ratio	Lower	Upper
136 100		
137 10.1	9.2	13.8
54 7.7	10.3	15.5#
68 4.9	4.5	6.7

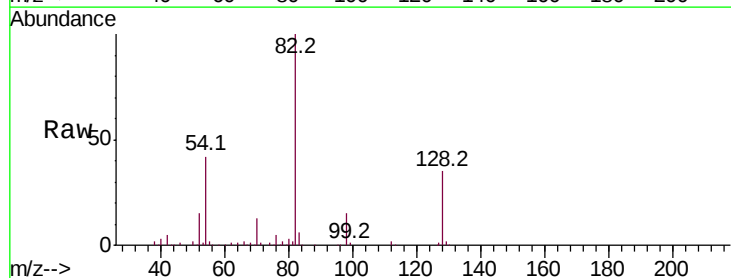


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

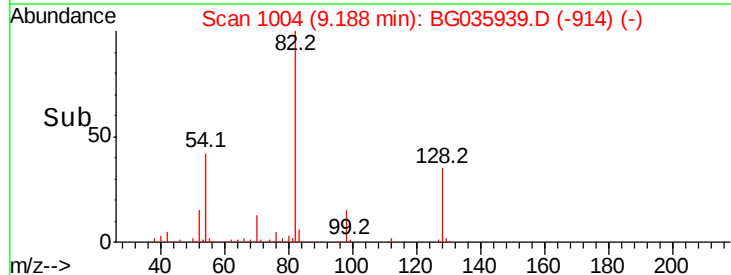
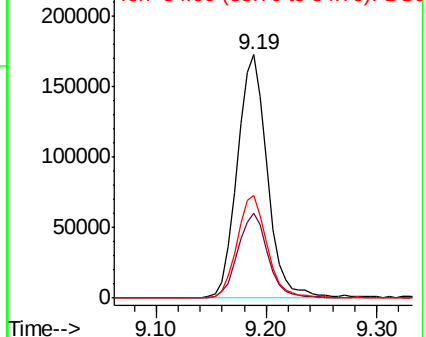


#23
Nitrobenzene-d5
Concen: 97.464 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tgt	Ion: 82	Resp:	329933
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	42.0	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

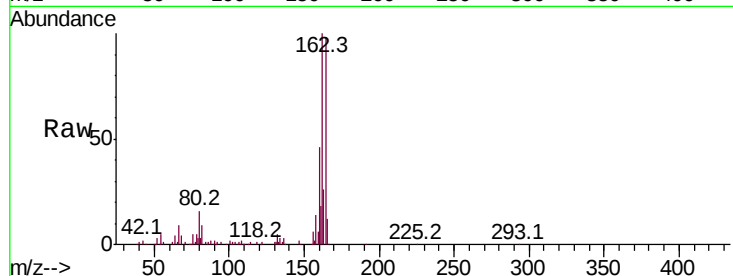
Tot Ion:164 Resp: 104977

Ion Ratio Lower Upper

164 100

162 101.7 78.8 118.2

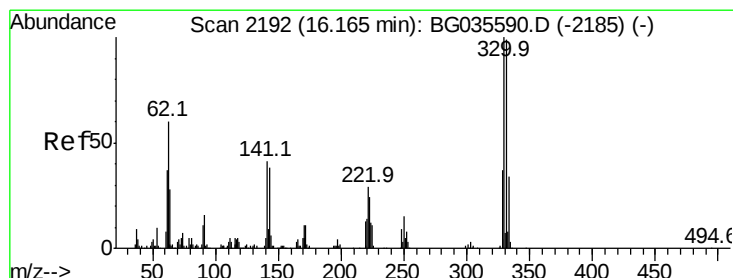
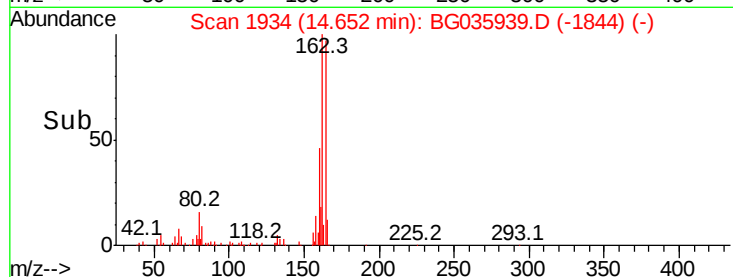
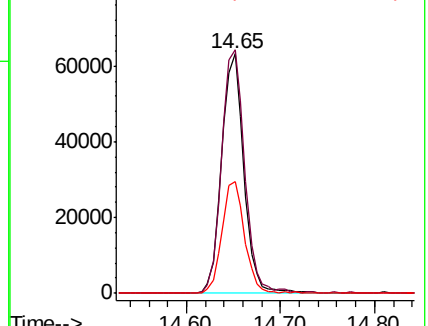
160 46.9 35.4 53.0



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: 164.989 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

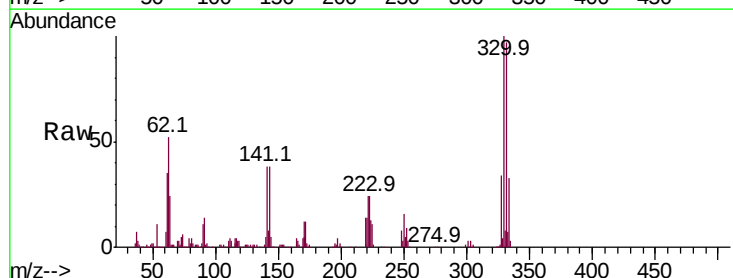
Tgt Ion:330 Resp: 228289

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

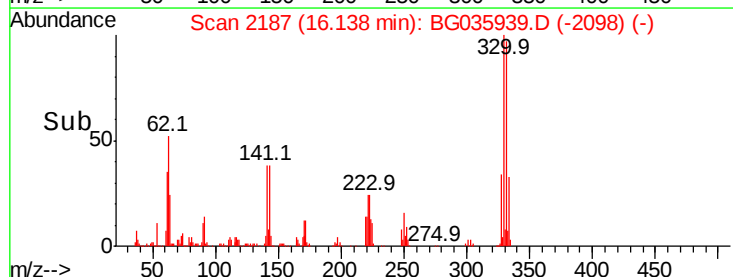
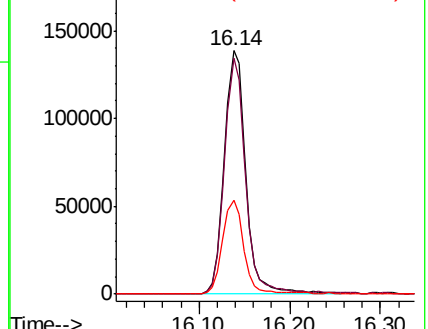
141 37.7 25.2 37.8

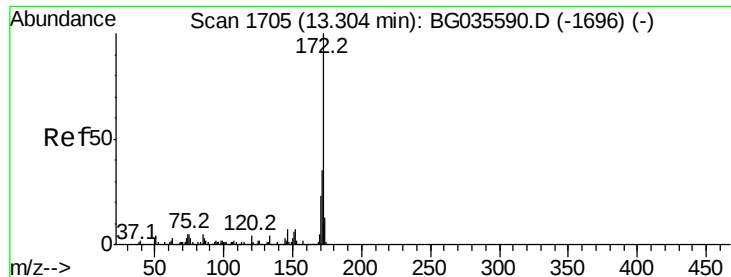


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

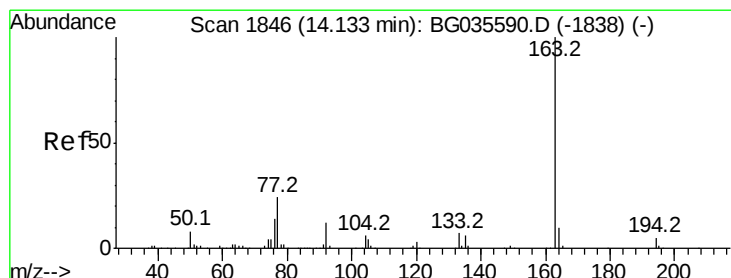
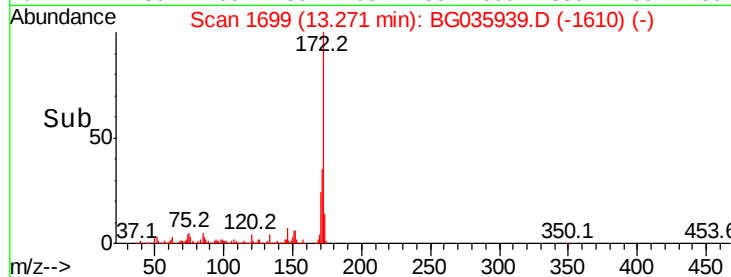
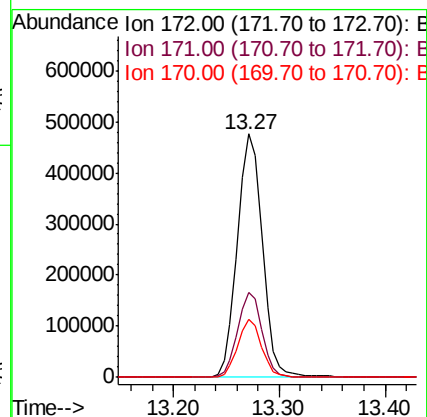
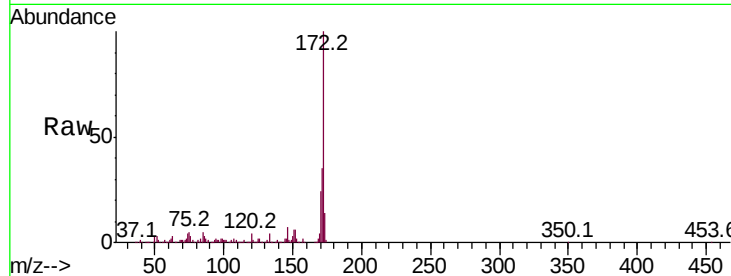
Ion 141.00 (140.70 to 141.70): E





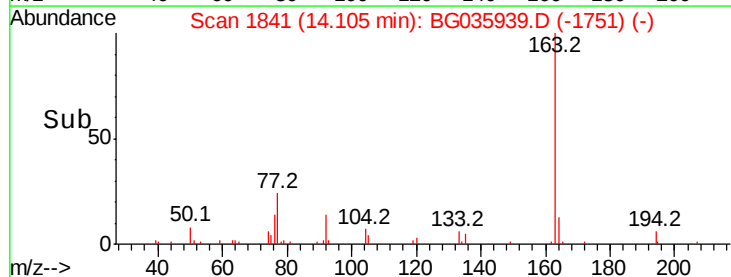
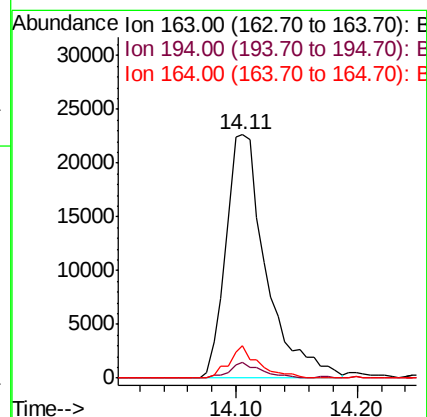
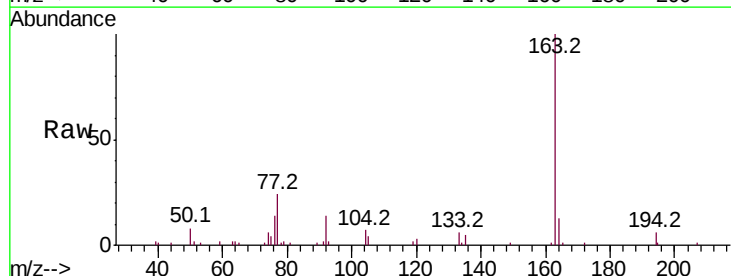
#44
2-Fluorobiphenyl
Concen: 99.471 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

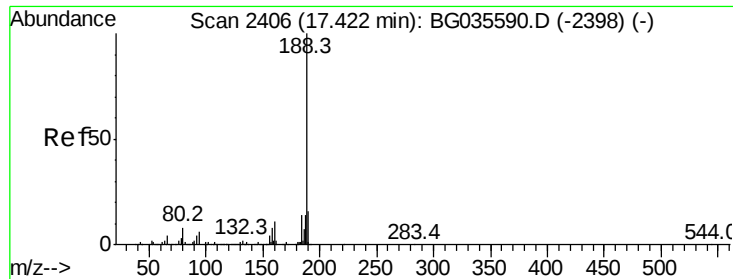
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	24.0	19.5	29.3



#49
Dimethylphthalate
Concen: 5.674 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.4	3.4	5.2#
164	13.4	8.2	12.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

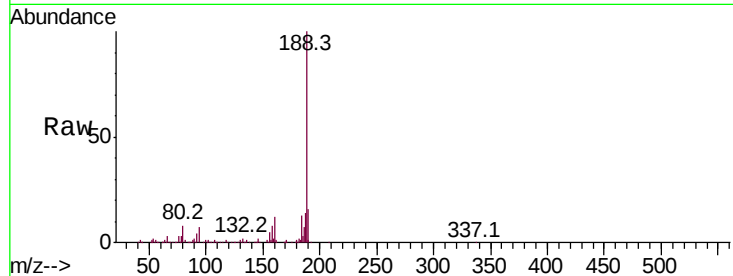
Delta R.T. 0.00 min

Lab File: BG035939.D

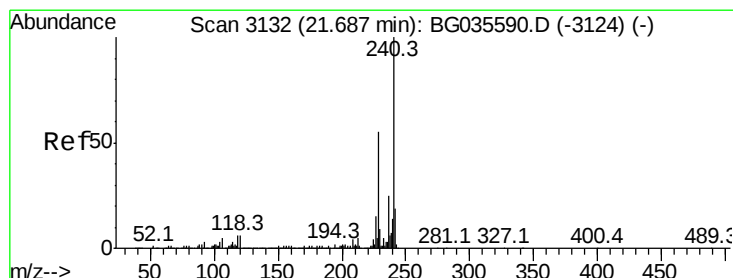
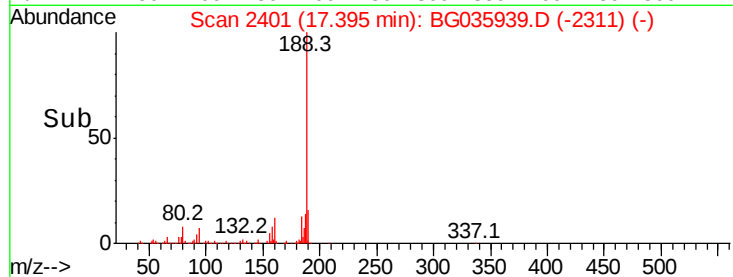
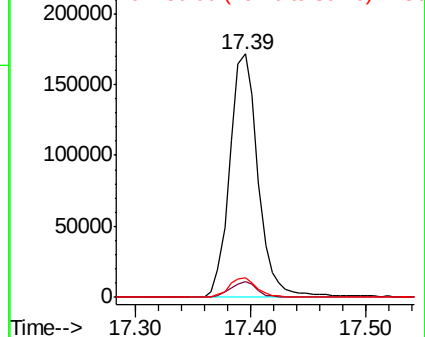
Acq: 27 Jul 2018 16:05

Tot Ion:188 Resp: 292756

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	8.1	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

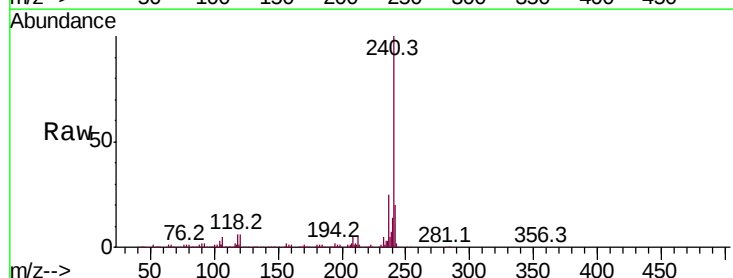
Delta R.T. -0.00 min

Lab File: BG035939.D

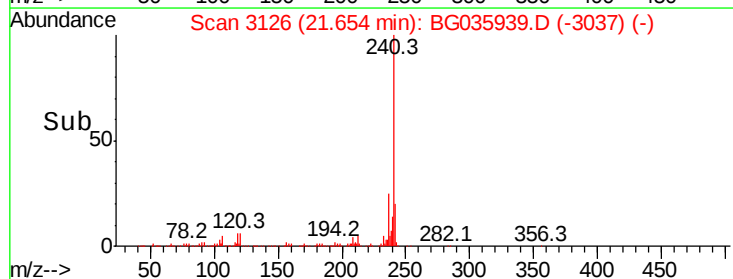
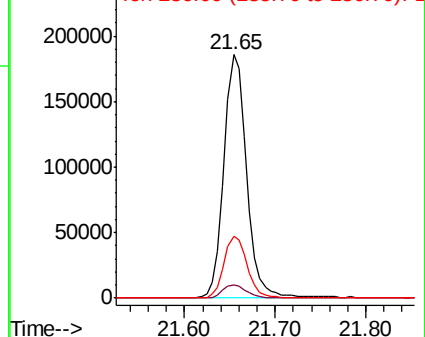
Acq: 27 Jul 2018 16:05

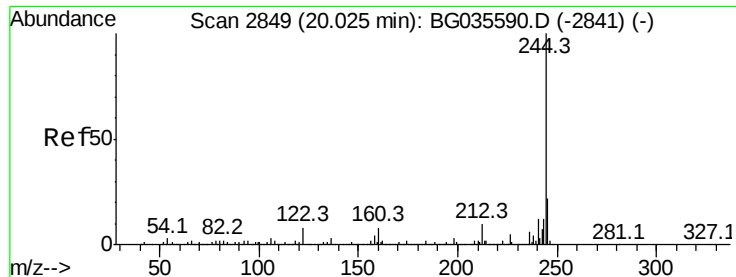
Tgt Ion:240 Resp: 324501

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.2	20.9	31.3



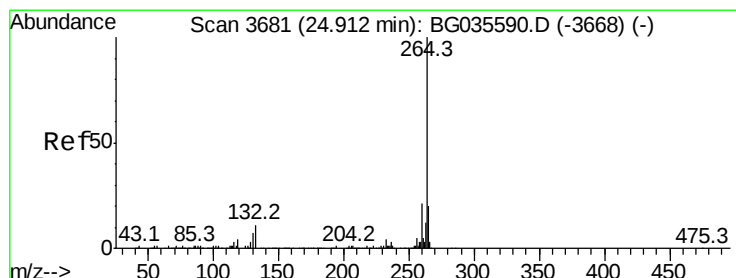
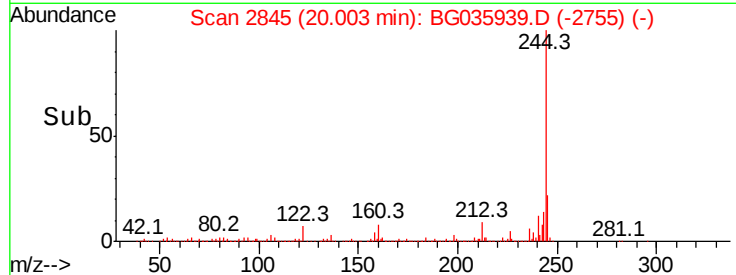
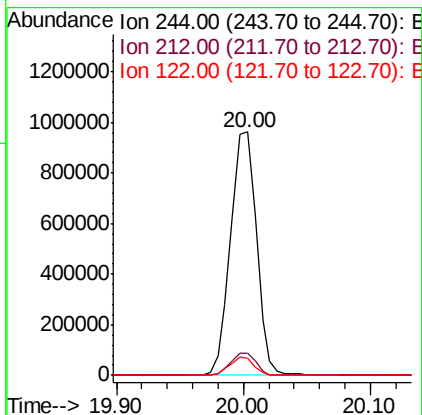
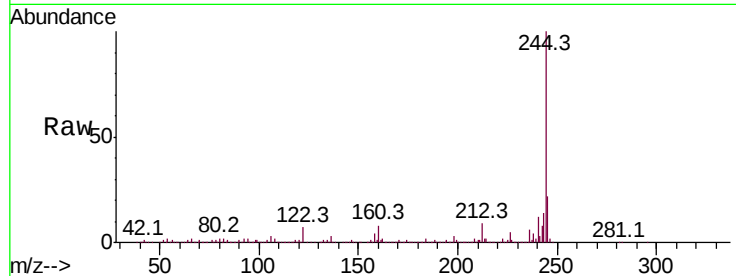
Abundance Ion 240.00 (239.70 to 240.70): E





#78
 Terphenyl-d14
 Concen: 92.843 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Tot Ion:244 Resp: 1366770
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Tgt Ion:264 Resp: 308199
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 22.4 17.7 26.5

