

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

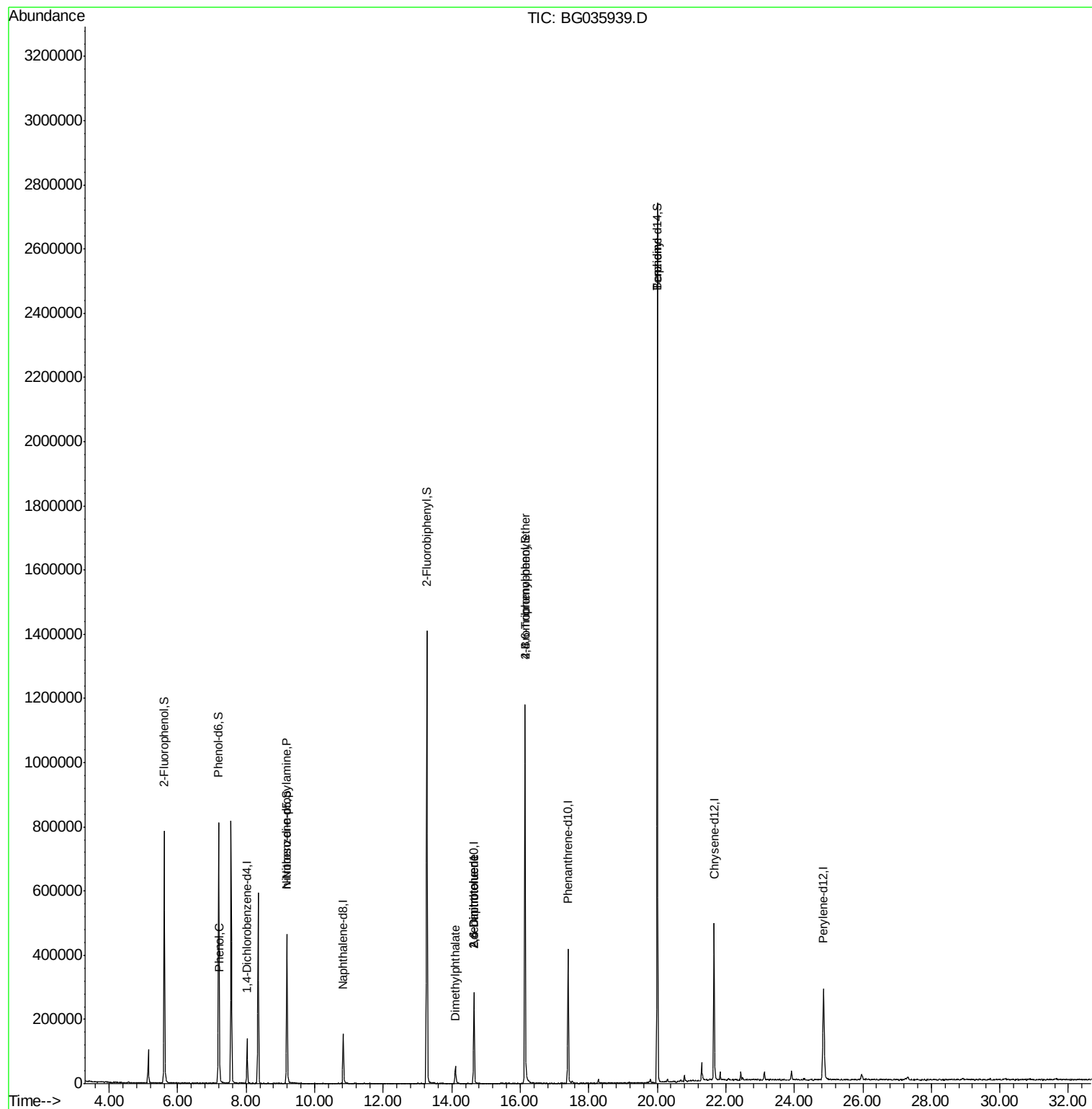
Quant Time: Jul 27 17:06:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

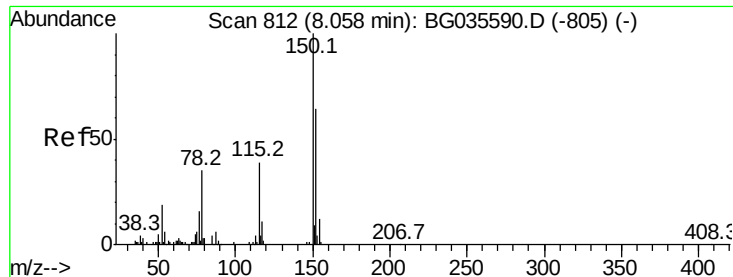
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39459	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	141415	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	104977	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	292756	20.00	ng	0.00
75) Chrysene-d12	21.65	240	324501	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
19) n-Nitroso-di-n-propylamine	9.19	70	44006	14.737	ng	# 68
49) Dimethylphthalate	14.11	163	52184	5.674	ng	# 92
50) 2,6-Dinitrotoluene	14.65	165	13815	7.376	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	13815	5.141	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	17613	5.186	ng	# 1
76) Benzidine	20.00	184	22679	2.658	ng	# 95

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

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QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

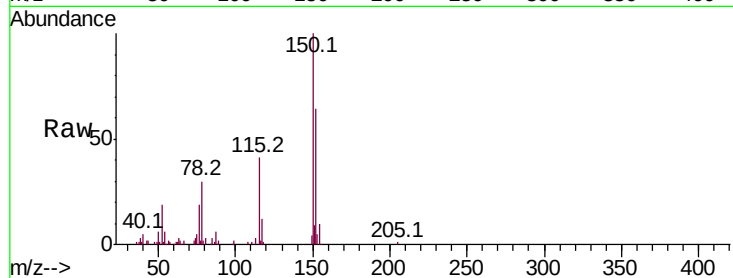




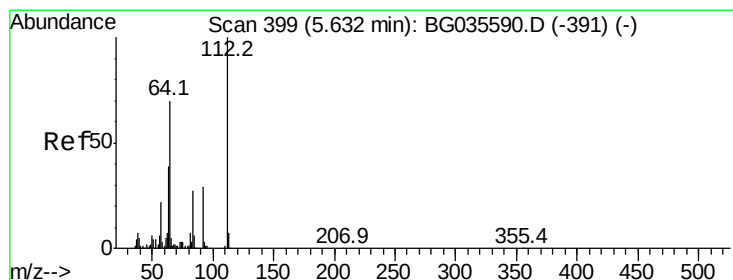
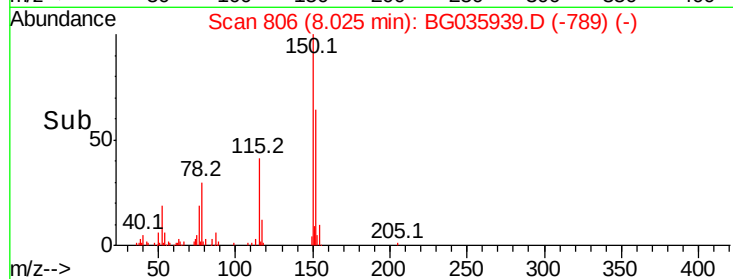
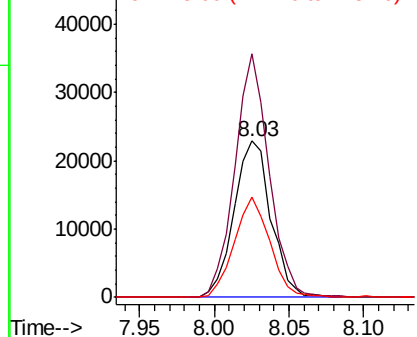
#1

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



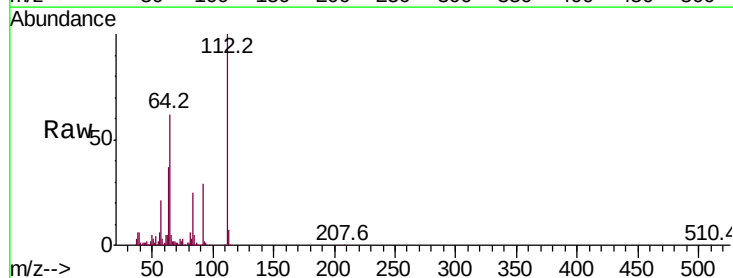
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



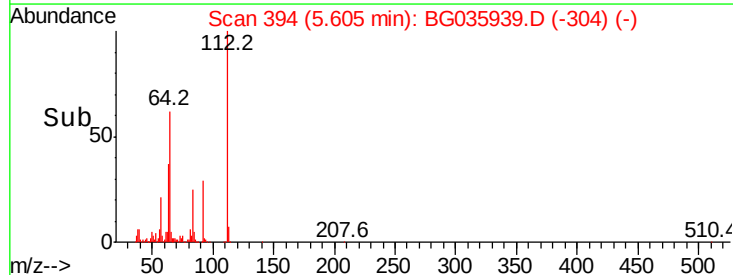
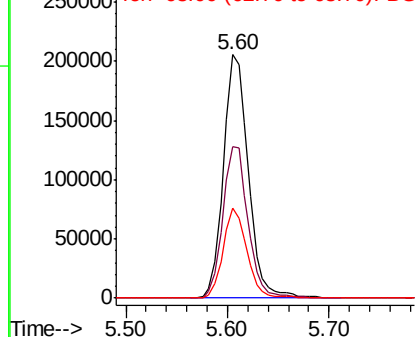
#5

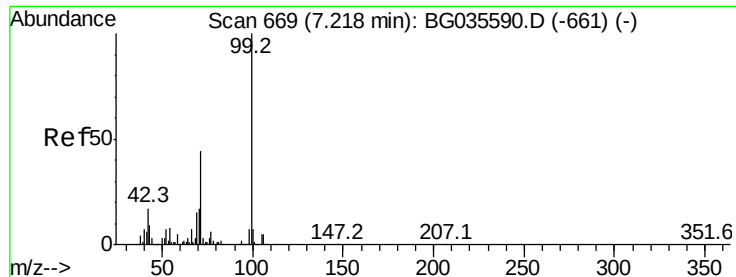
2-Fluorophenol
Concen: 147.678 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

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

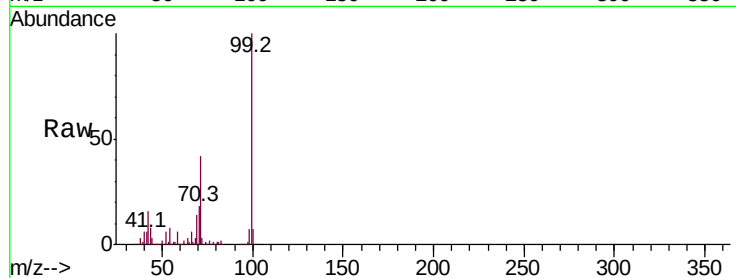
Tot Ion: 99 Resp: 507098

Ion Ratio Lower Upper

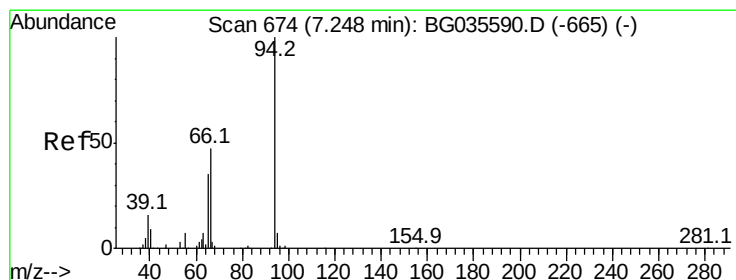
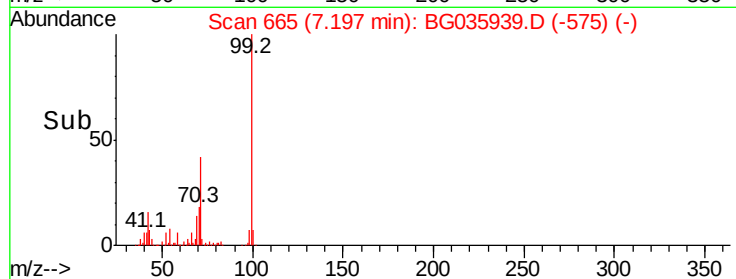
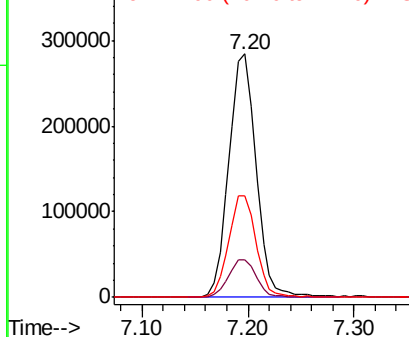
99 100

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

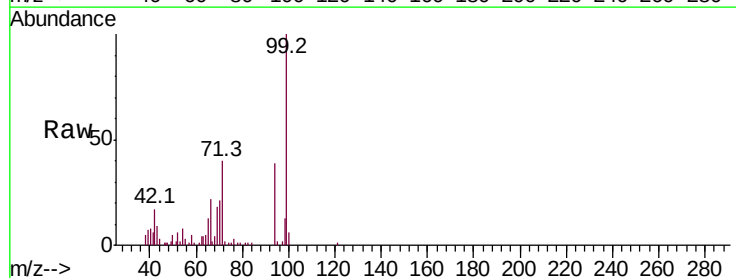
Tgt Ion: 94 Resp: 14802

Ion Ratio Lower Upper

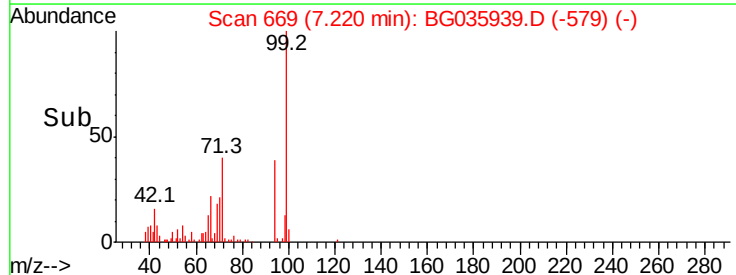
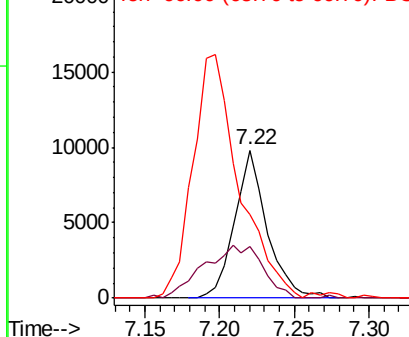
94 100

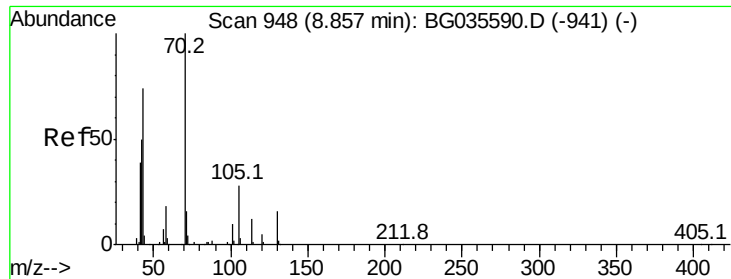
65 34.9 11.9 51.9

66 57.0 22.2 62.2



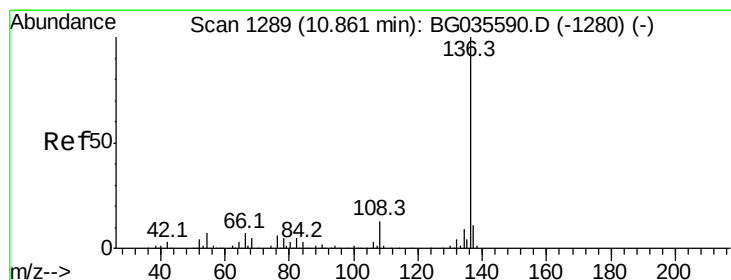
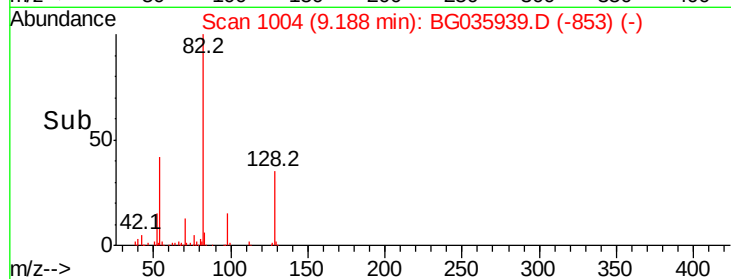
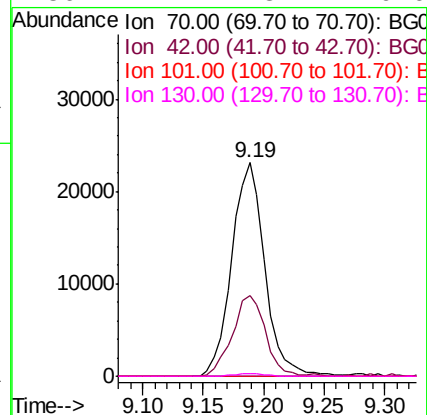
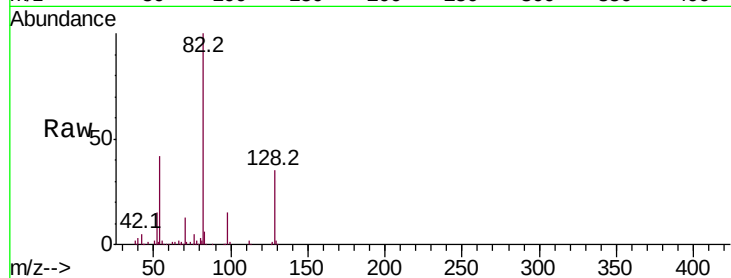
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





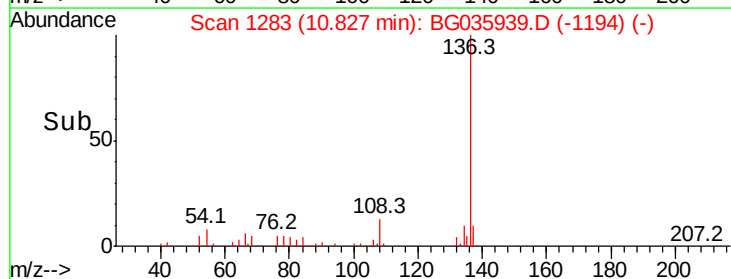
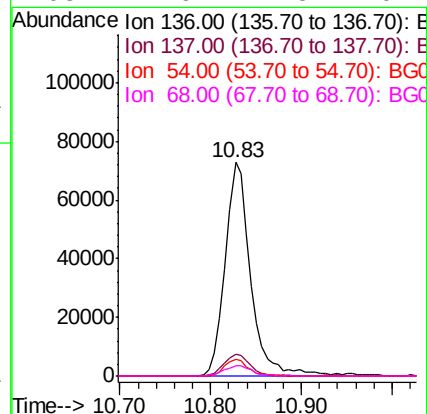
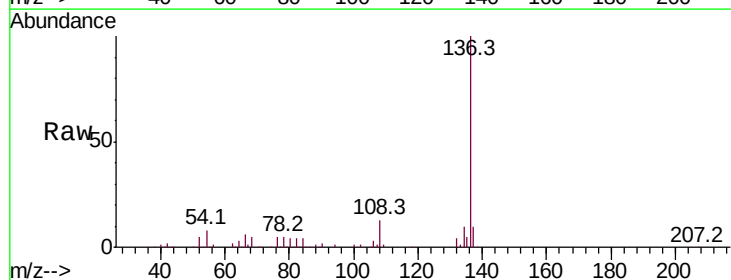
#19
n-Nitroso-di-n-propylamine
Concen: 14.737 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

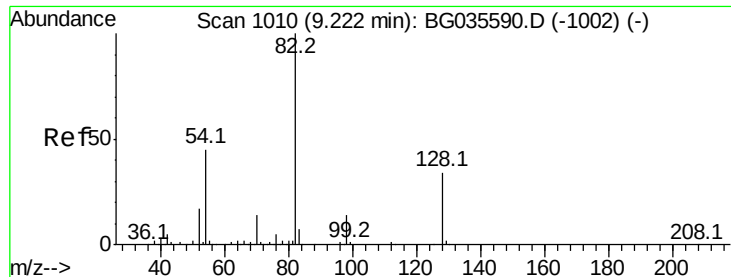
Tot Ion	Ratio	Lower	Upper
70	100		
42	37.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



#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

Tgt 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





#23

Nitrobenzene-d5

Concen: 97.464 ng

RT: 9.19 min Scan# 1004

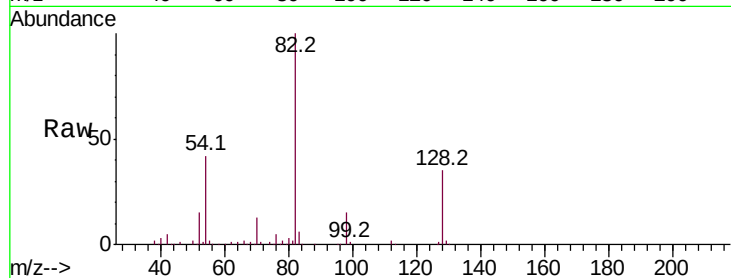
Delta R.T. 0.00 min

Lab File: BG035939.D

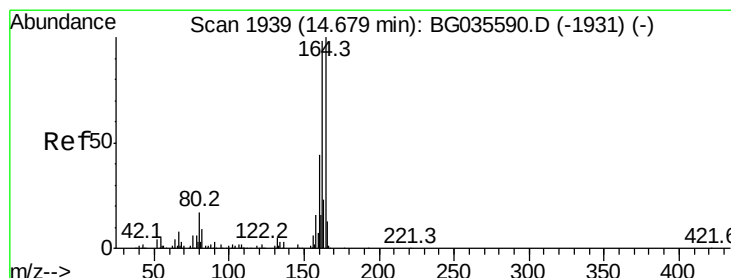
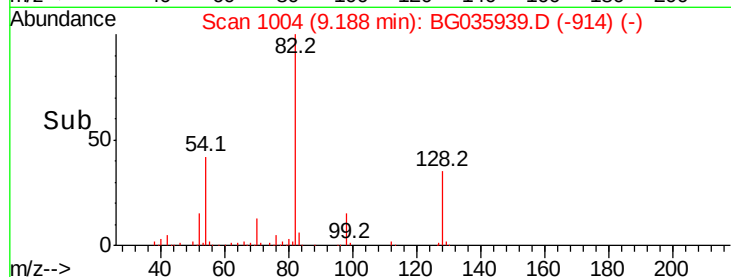
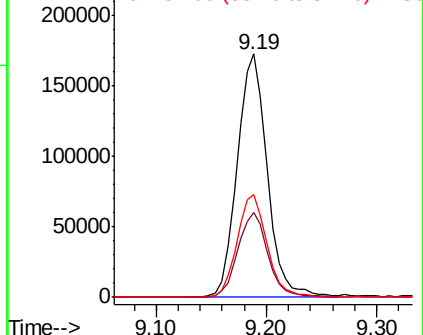
Acq: 27 Jul 2018 16:05

Tot 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

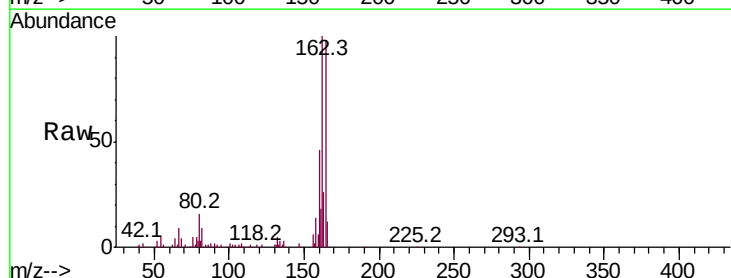
Delta R.T. 0.00 min

Lab File: BG035939.D

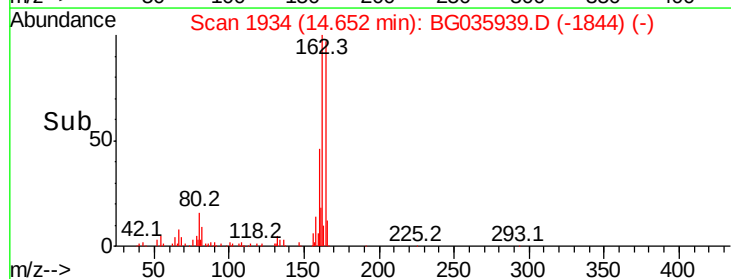
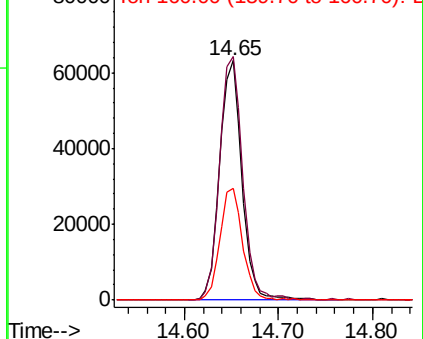
Acq: 27 Jul 2018 16:05

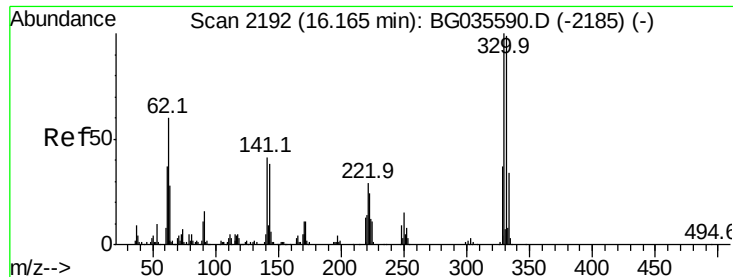
Tgt Ion:164 Resp: 104977

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	46.9	35.4	53.0



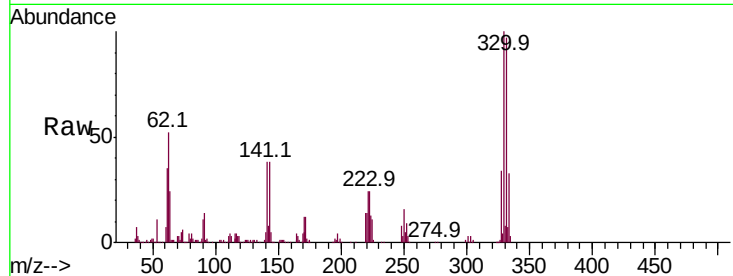
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



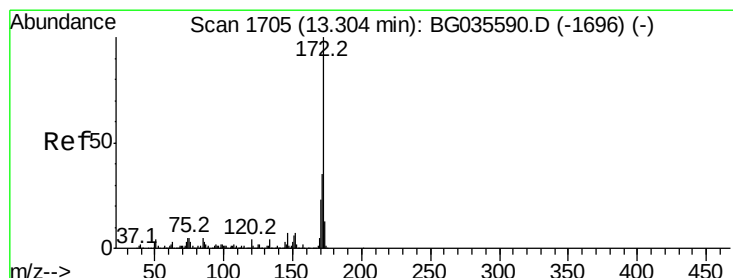
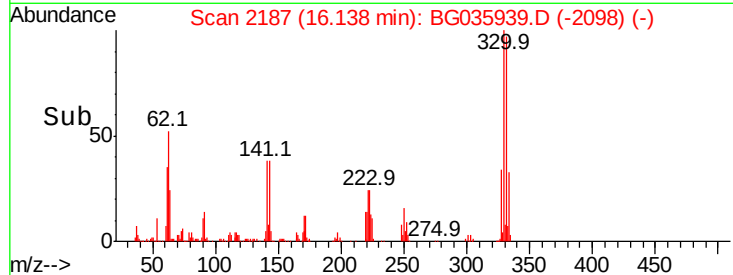
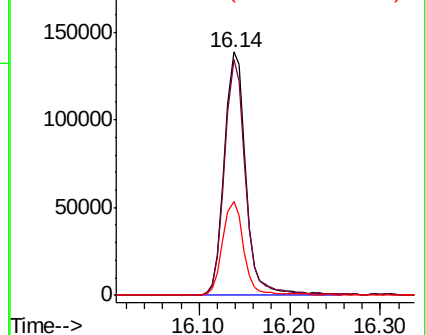


#41
 2,4,6-Tribromophenol
 Concen: 164.989 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Tot Ion:330	Resp:	228289
Ion Ratio	Lower	Upper
330	100	
332	94.6	77.0 115.6
141	37.7	25.2 37.8

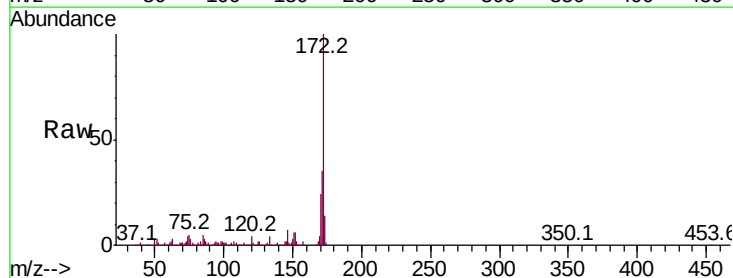


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

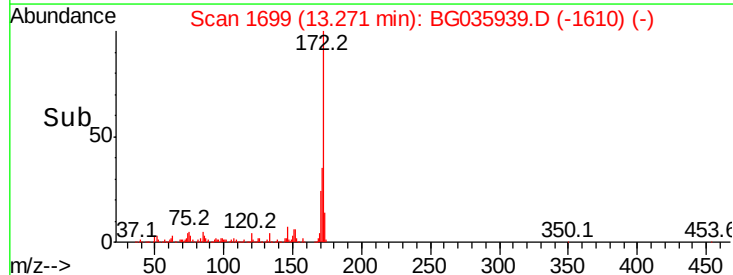
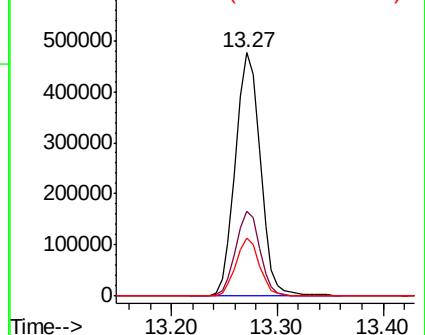


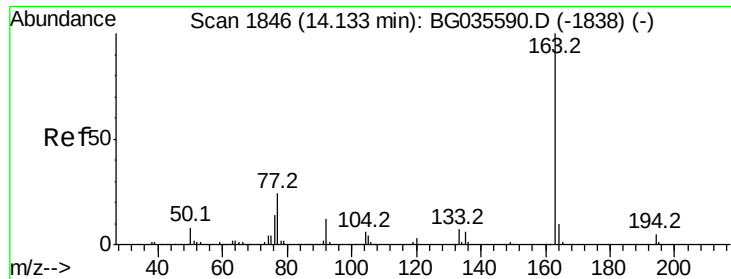
#44
 2-Fluorobiphenyl
 Concen: 99.471 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035939.D
 Acq: 27 Jul 2018 16:05

Tgt	Ion:172	Resp:	779418
Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	24.0	19.5	29.3



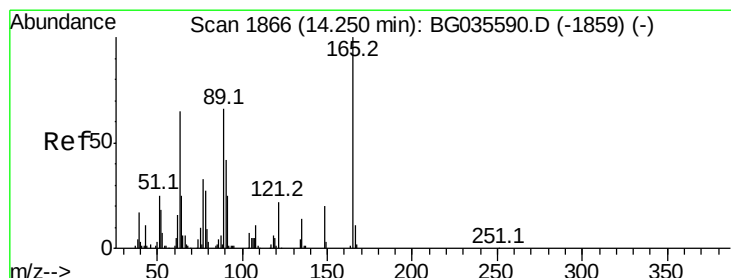
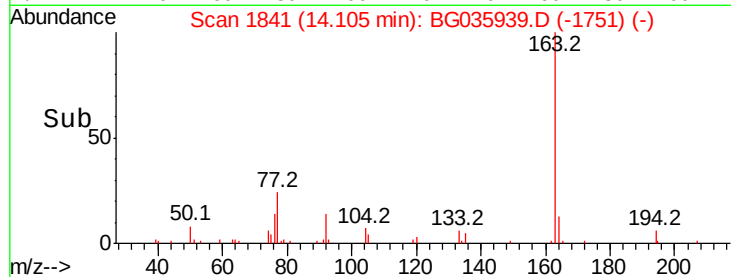
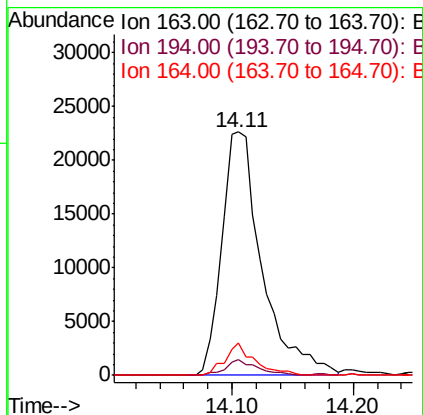
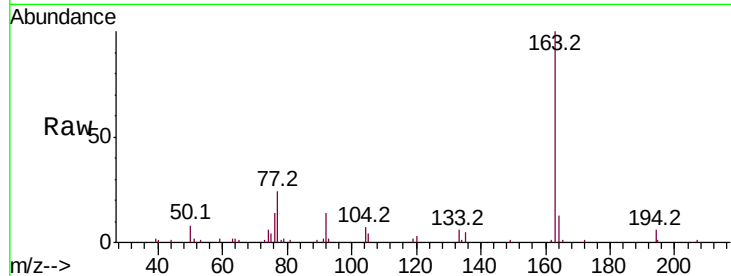
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





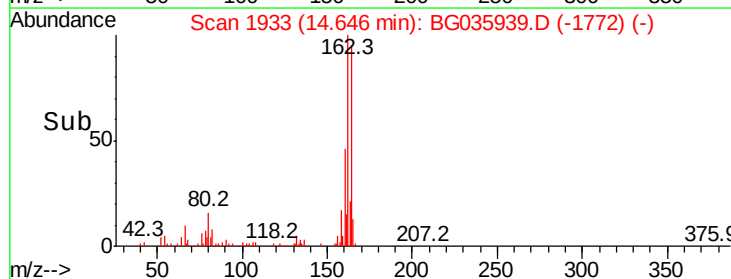
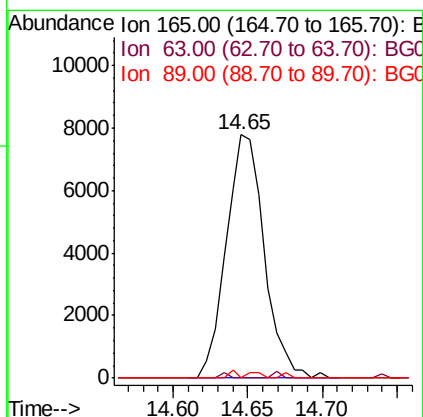
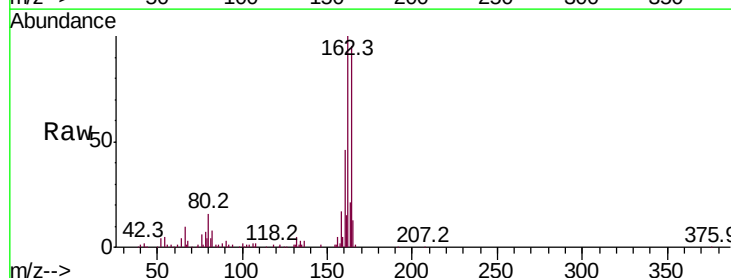
#49
Dimethylphthalate
Concen: 5.674 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

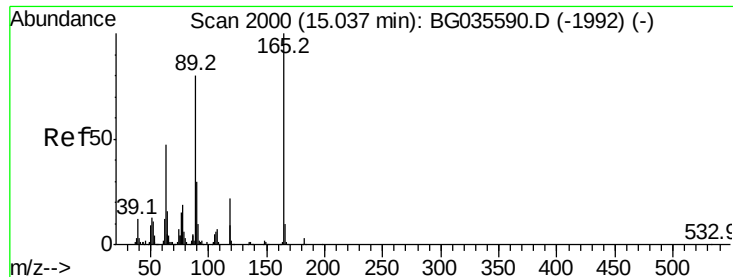
Tot Ion:163 Resp: 52184
Ion Ratio Lower Upper
163 100
194 6.4 3.4 5.2#
164 13.4 8.2 12.4#



#50
2,6-Dinitrotoluene
Concen: 7.376 ng
RT: 14.65 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tgt Ion:165 Resp: 13815
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.141 ng

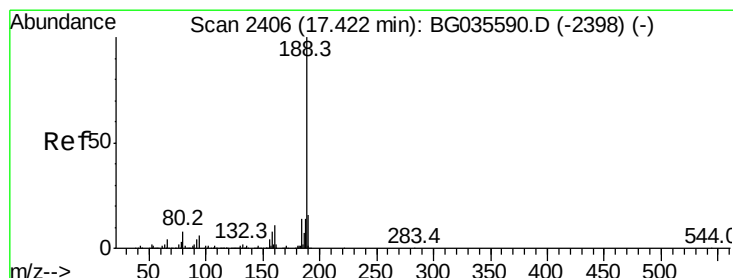
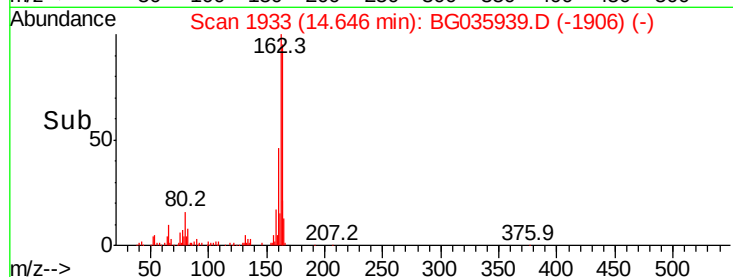
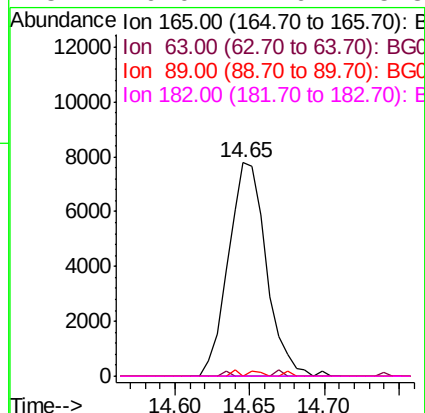
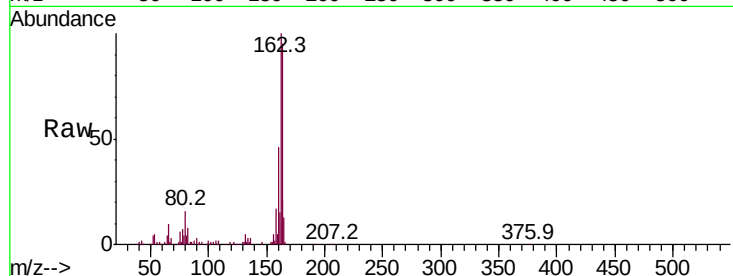
RT: 14.65 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

Tot Ion:165	Resp:	13815
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.0 63.0#
89	0.0	66.9 100.3#
182	0.0	2.6 3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

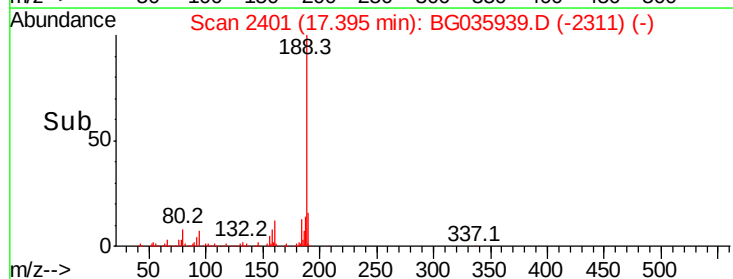
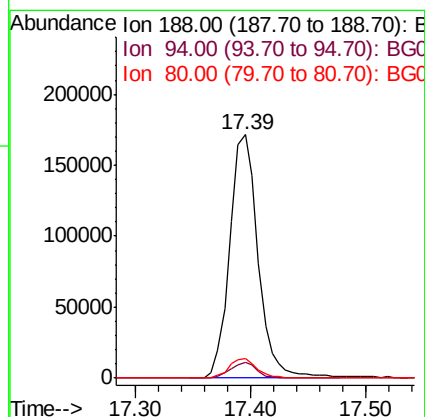
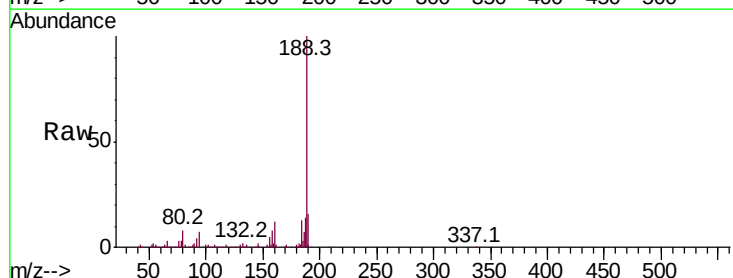
RT: 17.39 min Scan# 2401

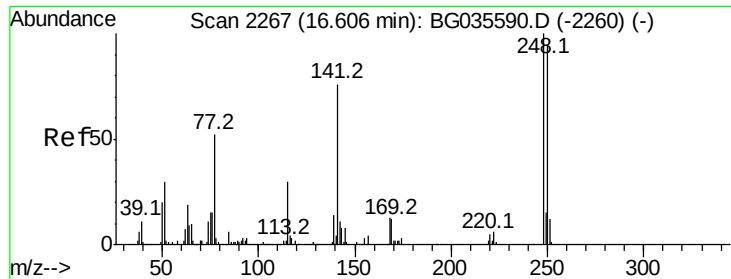
Delta R.T. 0.00 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

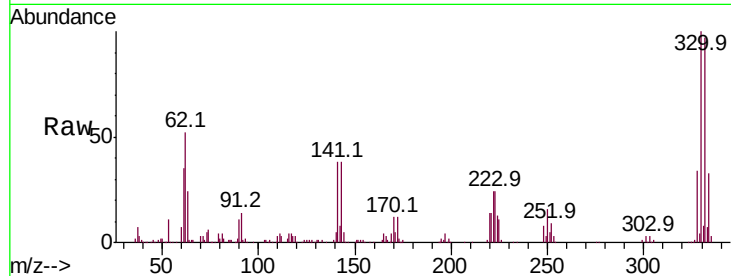
Tgt Ion:188	Resp:	292756
Ion Ratio	Lower	Upper
188	100	
94	6.5	6.9 10.3#
80	8.1	7.7 11.5



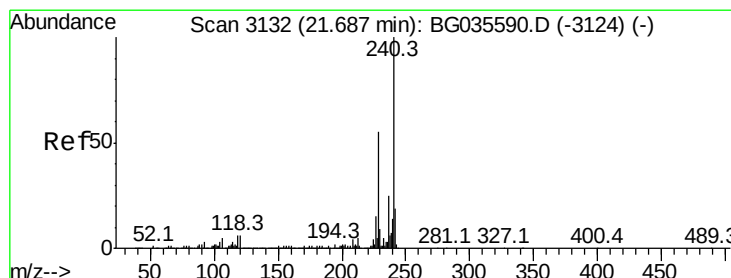
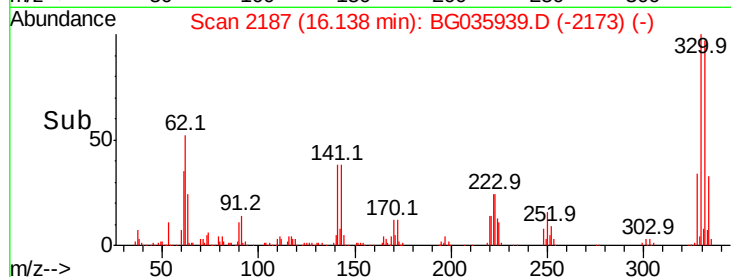
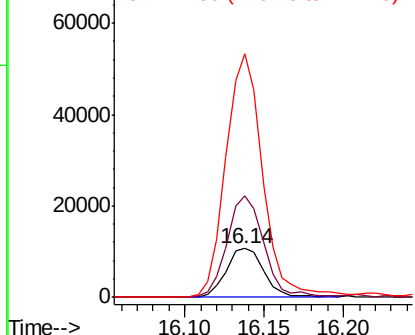


#66
4-Bromophenyl-phenylether
Concen: 5.186 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

Tot Ion:248 Resp: 17613
Ion Ratio Lower Upper
248 100
250 206.3 77.1 115.7#
141 497.2 50.8 76.2#

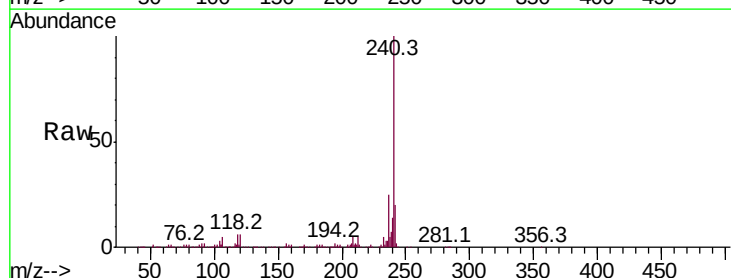


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

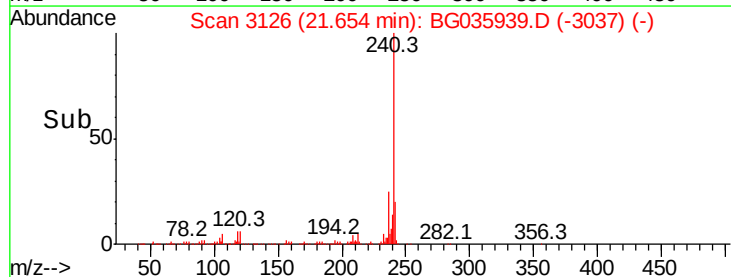
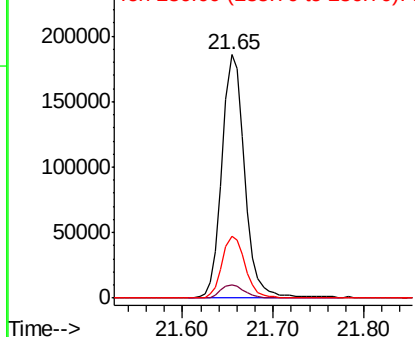


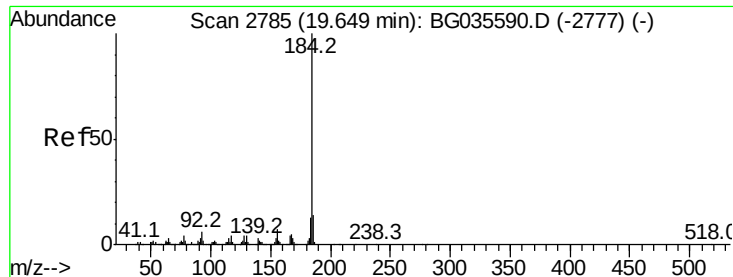
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG035939.D
Acq: 27 Jul 2018 16:05

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
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.658 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035939.D

Acq: 27 Jul 2018 16:05

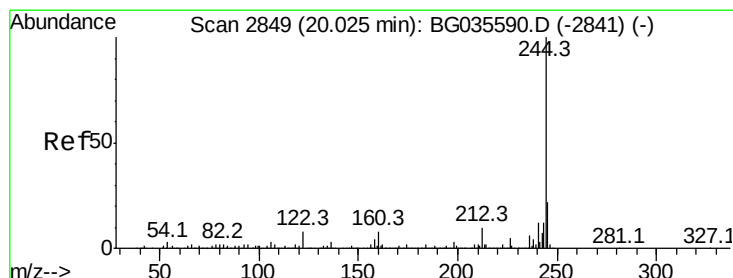
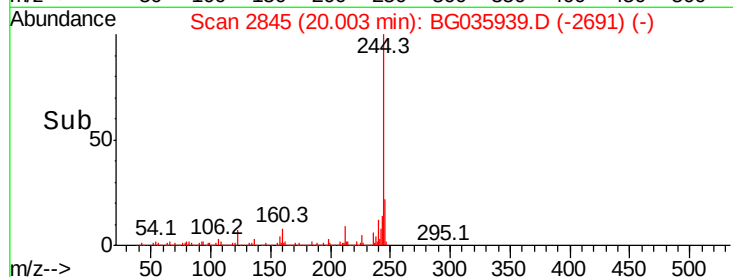
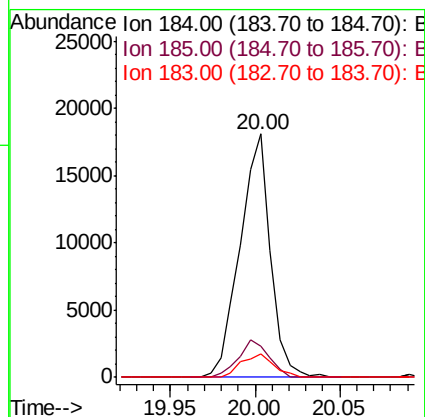
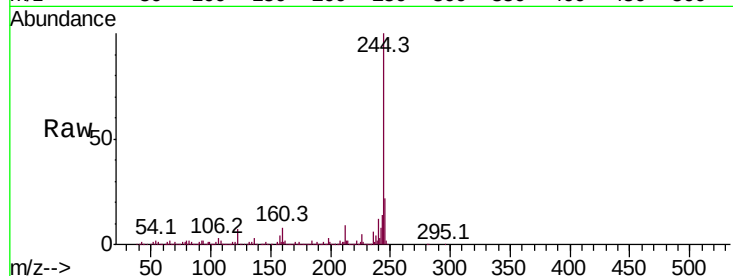
Tot Ion:184 Resp: 22679

Ion Ratio Lower Upper

184 100

185 13.0 11.1 16.7

183 9.9 10.6 16.0#



#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

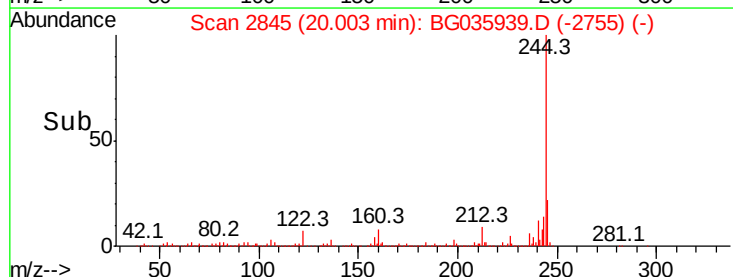
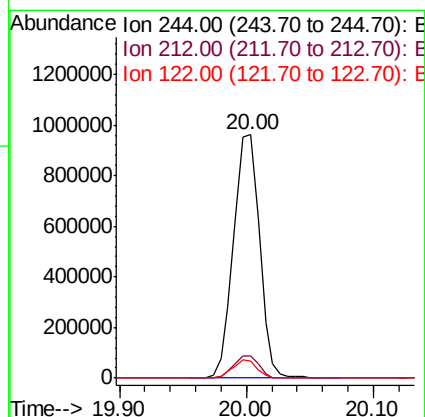
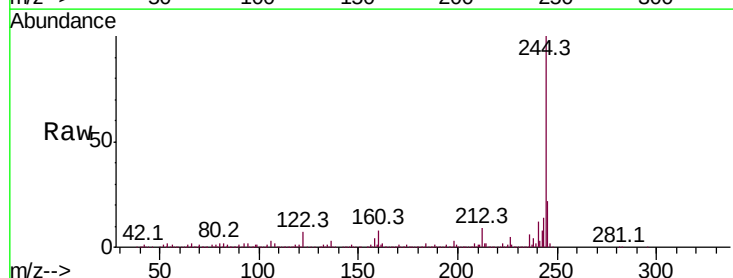
Tgt Ion:244 Resp: 1366770

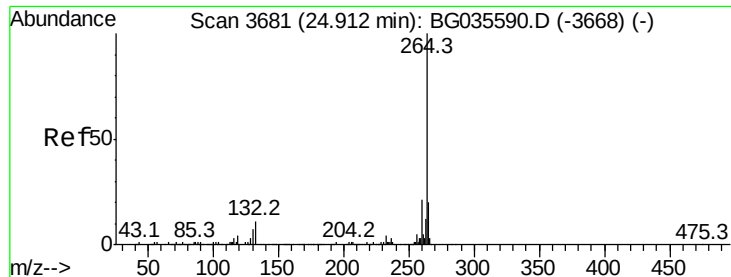
Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

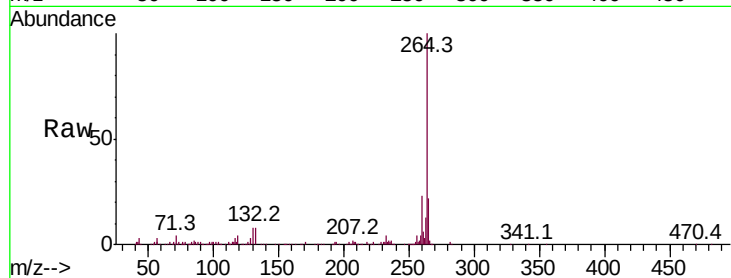
122 6.8 7.0 10.4#





#86
Pervlene-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

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



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

