

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

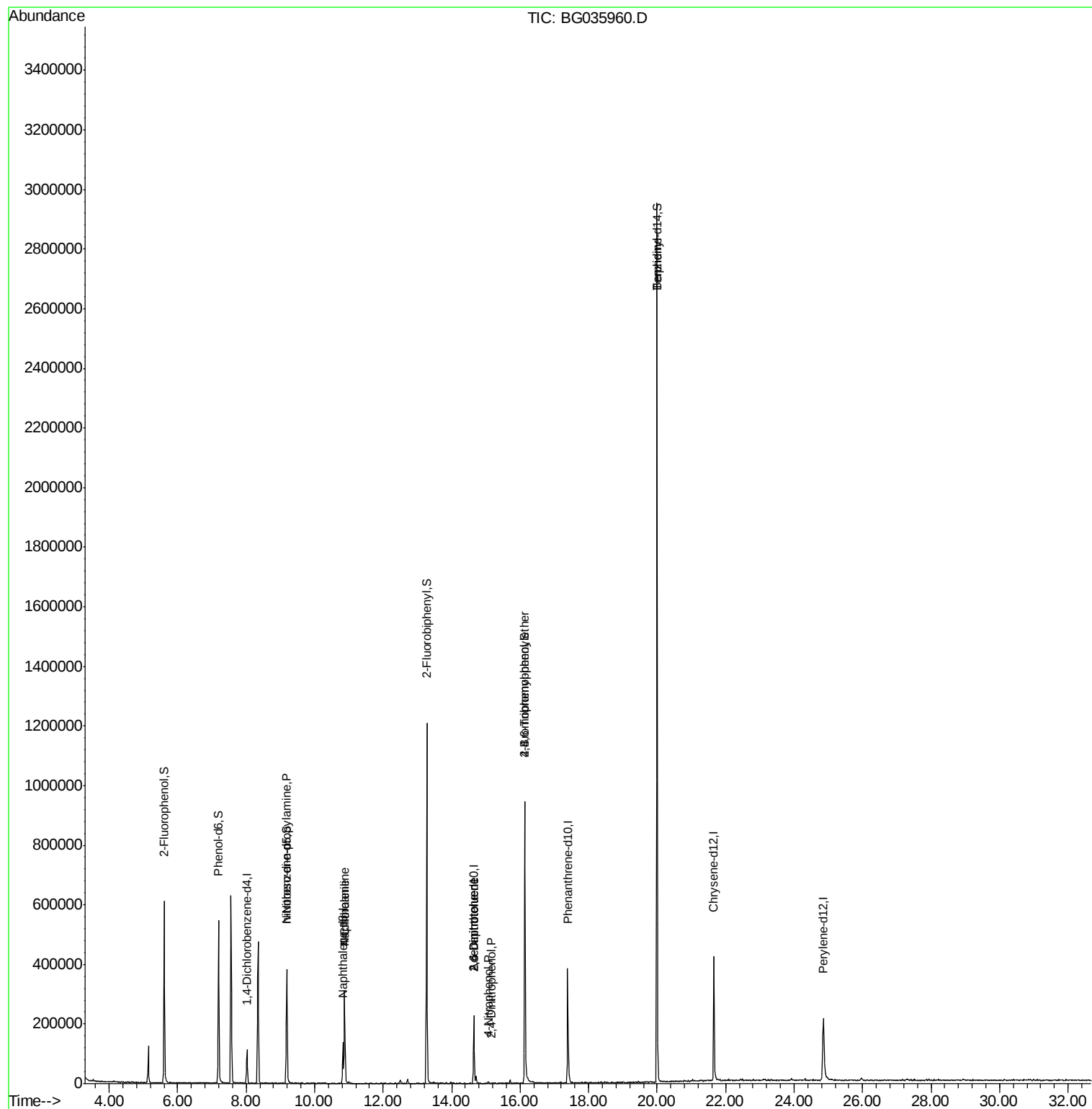
Quant Time: Jul 30 00:36:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

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						
19) n-Nitroso-di-n-propylamine	9.18	70	37957	15.630	ng	Qvalue # 70
31) Naphthalene	10.87	128	274570	45.514	ng	# 99
33) 4-Chloroaniline	10.87	127	36315	13.812	ng	# 34
50) 2,6-Dinitrotoluene	14.65	165	12310	7.773	ng	# 22
53) 2,4-Dinitrophenol	15.15	184	58	6.648	ng	# 1
55) 4-Nitrophenol	15.07	139	2503	2.171	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	12310	5.418	ng	# 20
66) 4-Bromophenyl-phenylether	16.13	248	16134	5.158	ng	# 1
76) Benzidine	20.00	184	26392	3.324	ng	# 94

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

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QLast Update : Wed Jul 25 11:04:14 2018
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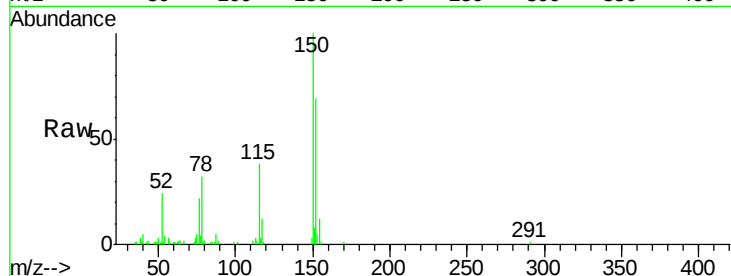




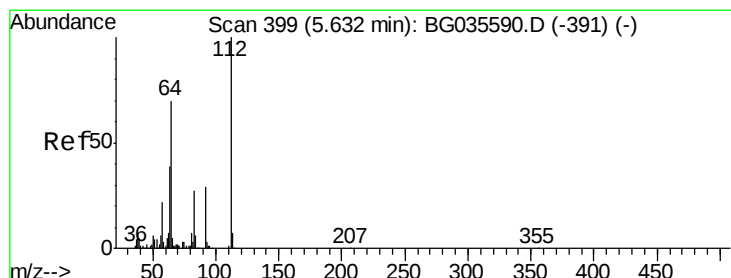
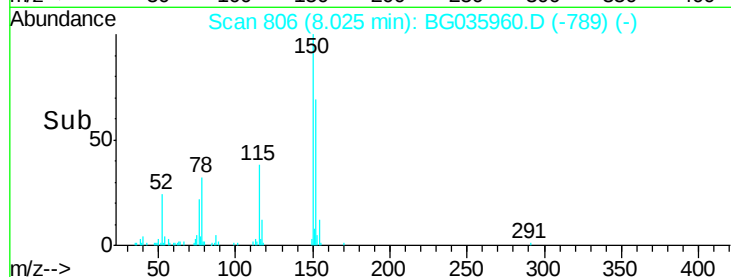
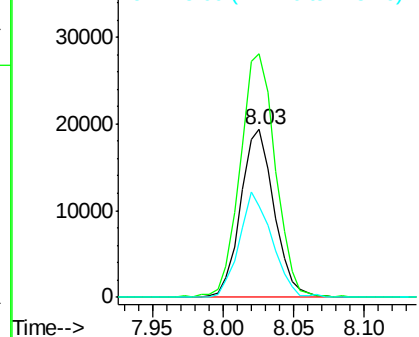
#1

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.9	126.6	189.8
115	54.5	53.0	79.4



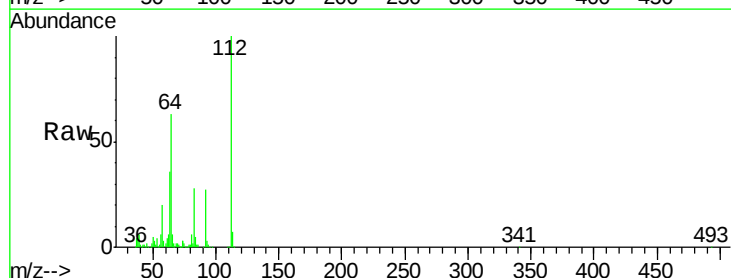
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



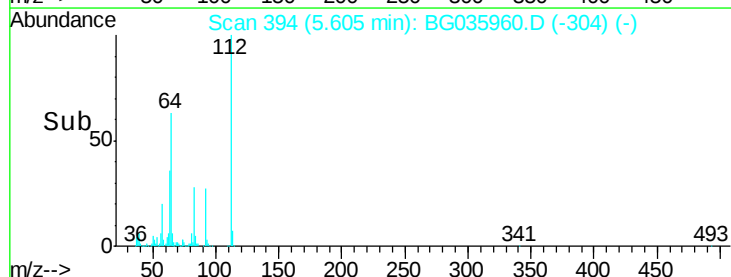
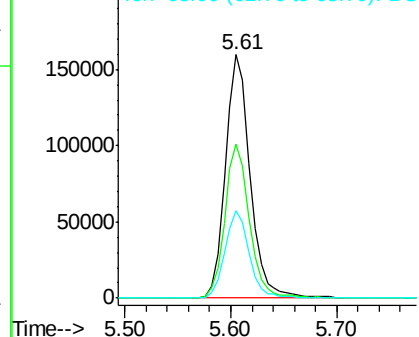
#5

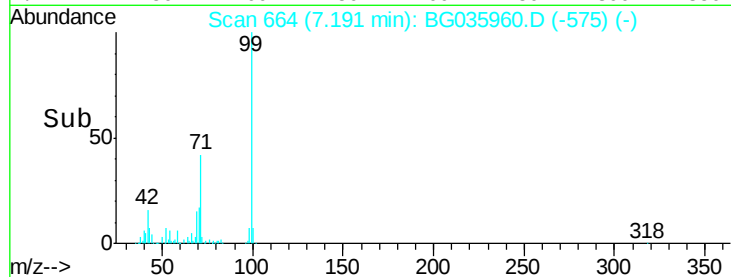
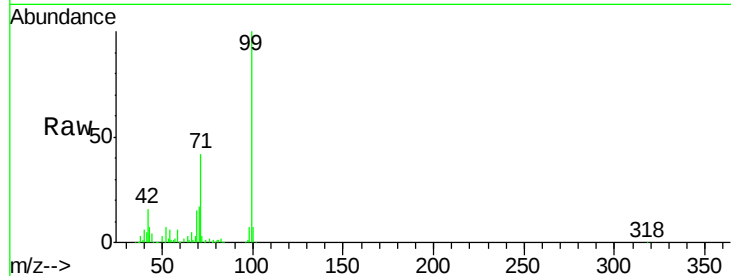
2-Fluorophenol
Concen: 134.004 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion	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

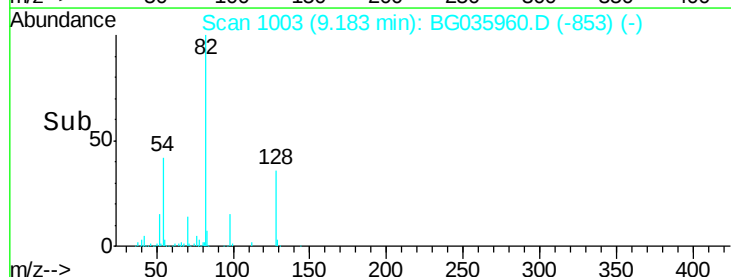
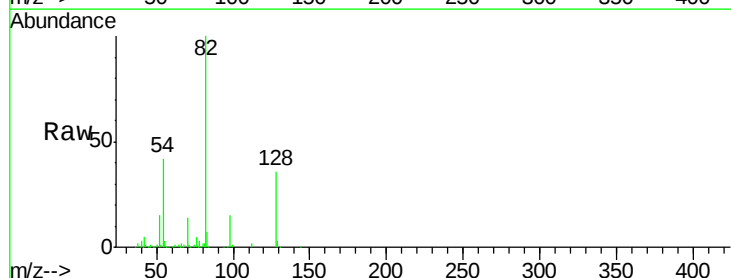
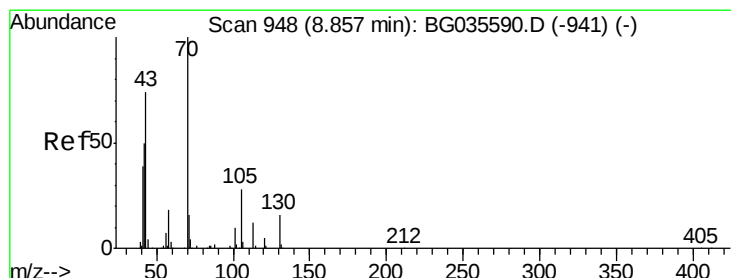
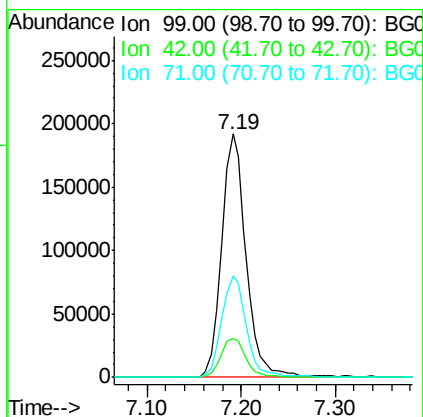
RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

Tgt Ion:	99	Resp:	346730
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	41.8	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.630 ng

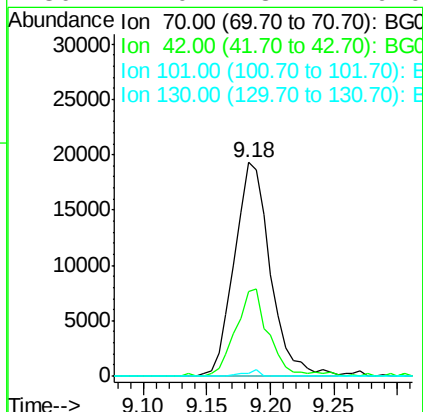
RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

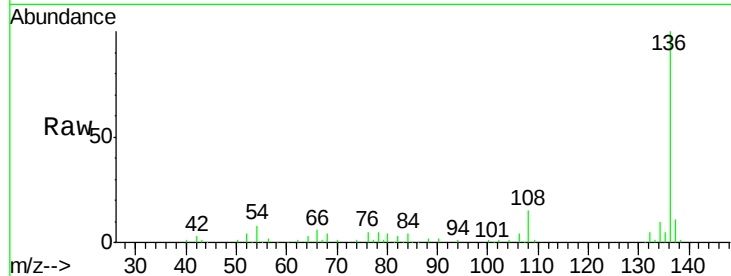
Tgt Ion:	70	Resp:	37957
Ion	Ratio	Lower	Upper
70	100		
42	39.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#



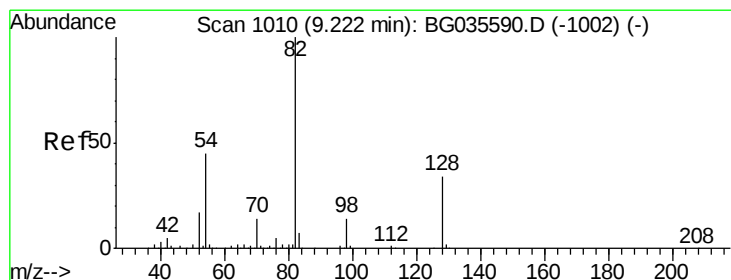
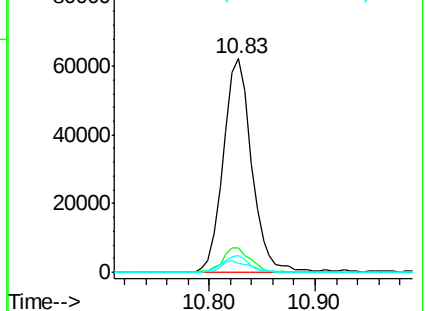
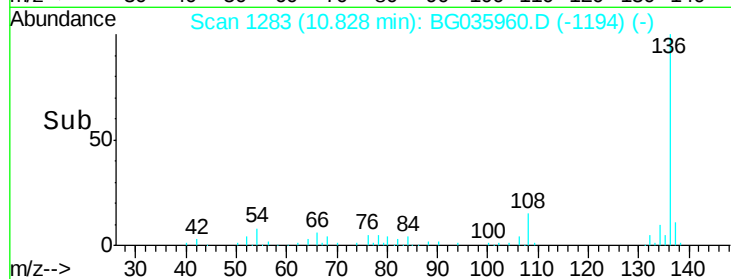


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

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#

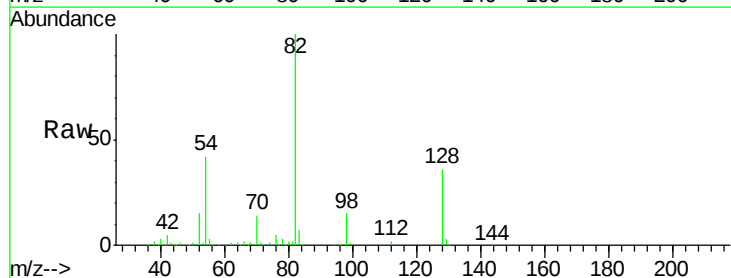


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

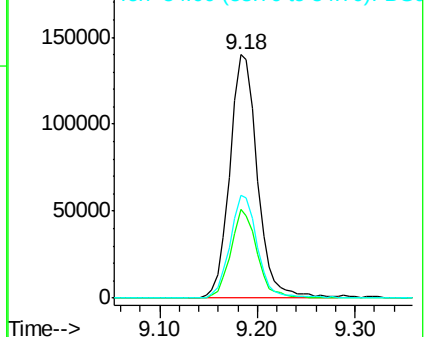
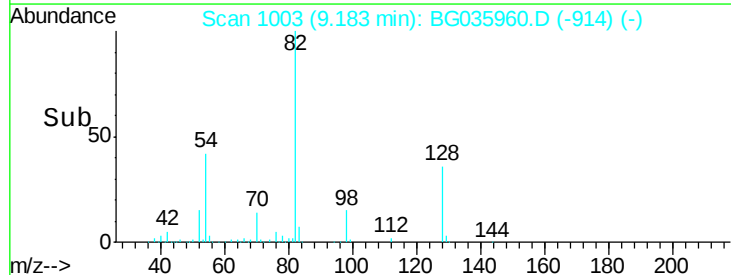


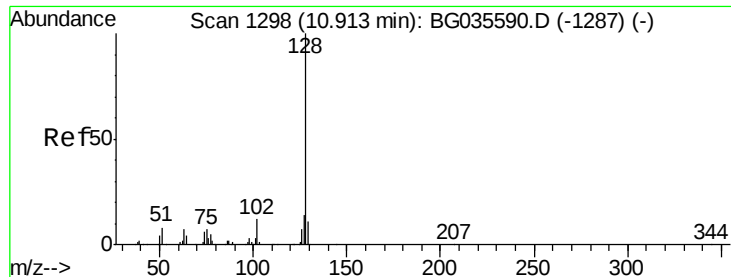
#23
Nitrobenzene-d5
Concen: 99.529 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:	82	Resp:	275923
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	42.1	43.1	64.7#



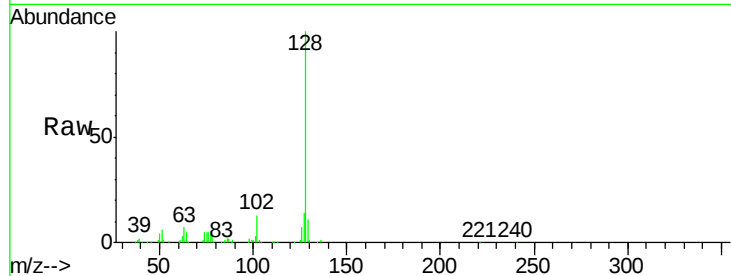
Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B



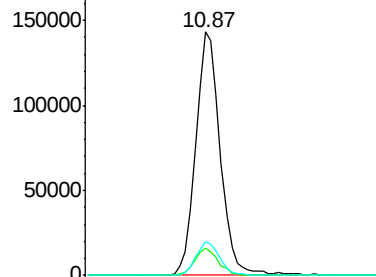


#31
Naphthalene
Concen: 45.514 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

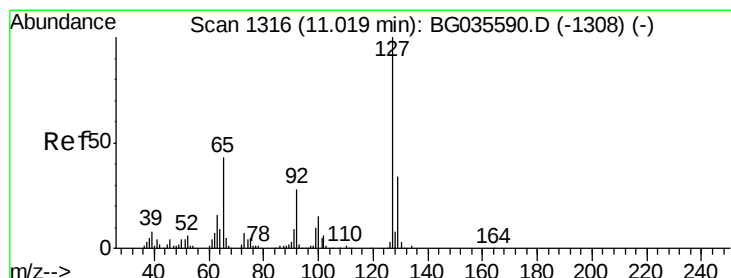
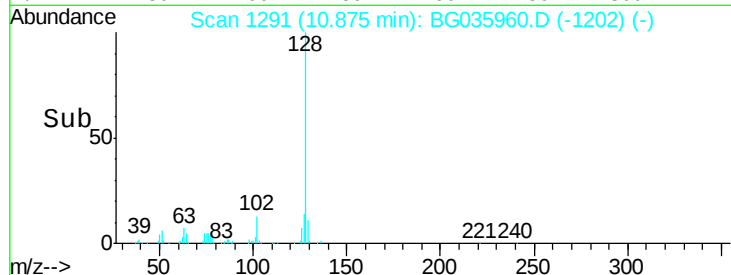
Tgt Ion:	128	Resp:	274570
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.8	11.6	17.4



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

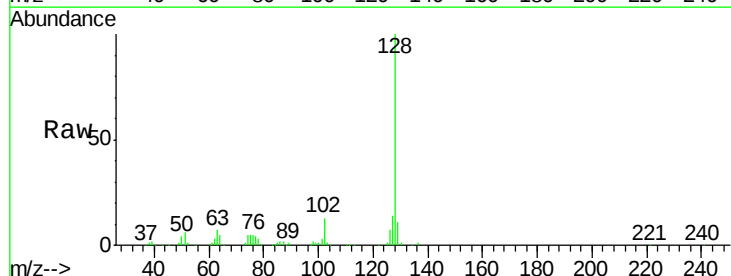


Time-->

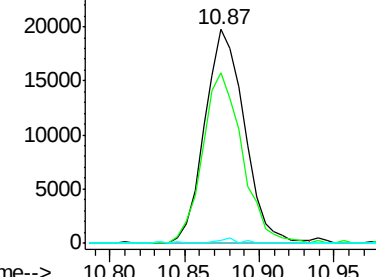


#33
4-Chloroaniline
Concen: 13.812 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.12 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

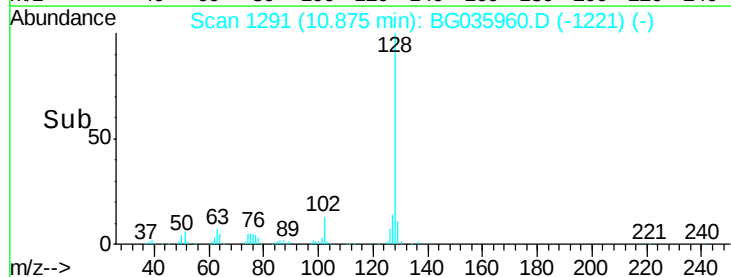
Tgt Ion:	127	Resp:	36315
Ion	Ratio	Lower	Upper
127	100		
129	79.7	24.0	36.0#
65	1.4	27.0	40.4#
92	0.0	16.6	25.0#

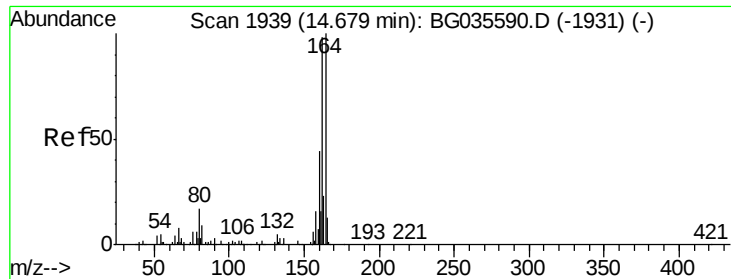


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC



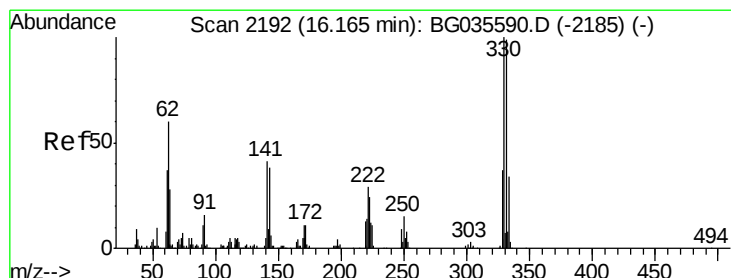
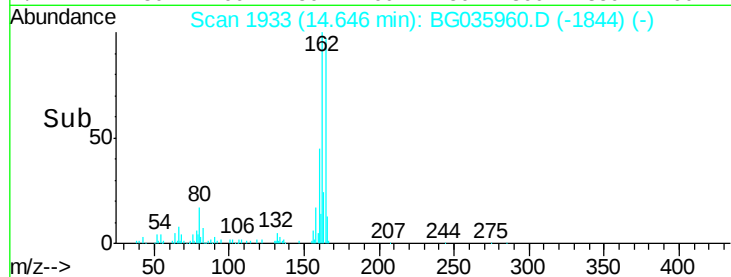
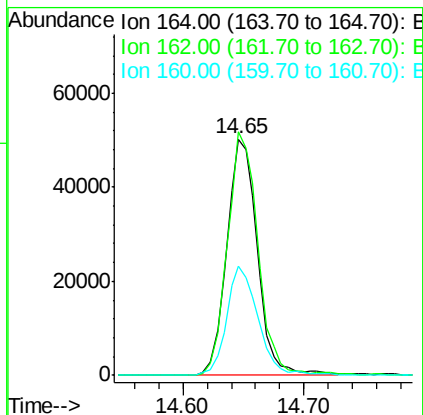
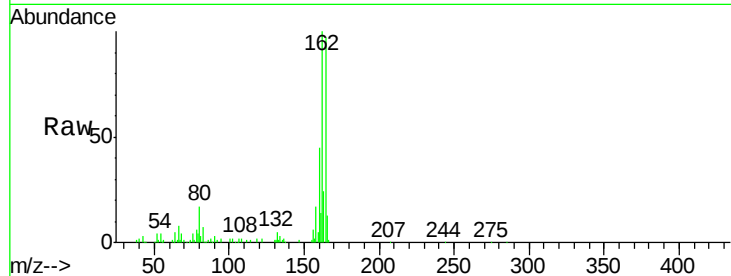
Time-->





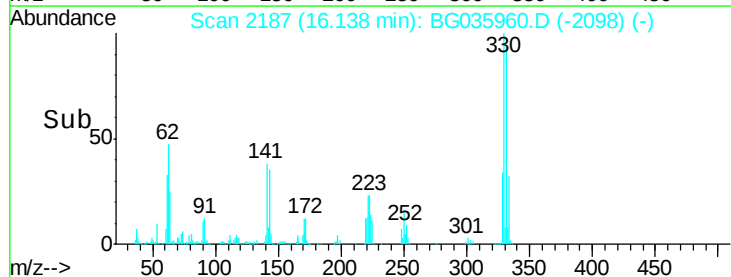
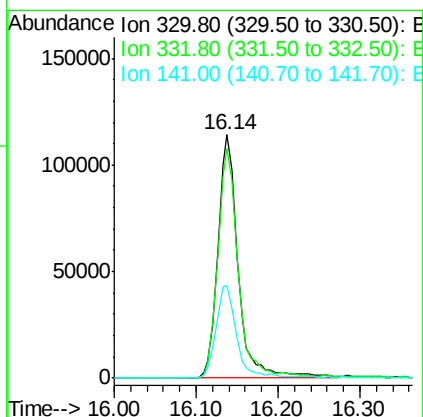
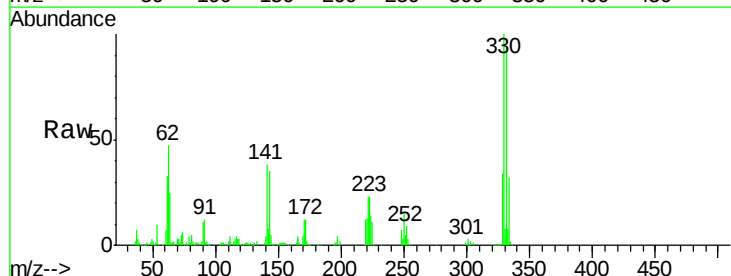
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG035960.D
 Acq: 28 Jul 2018 6:25

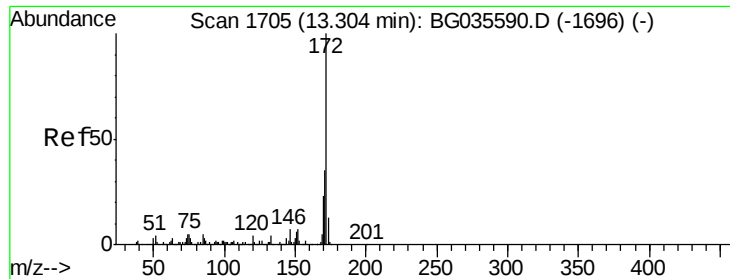
Tgt Ion:164 Resp: 88761
 Ion Ratio Lower Upper
 164 100
 162 103.0 78.8 118.2
 160 45.9 35.4 53.0



#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

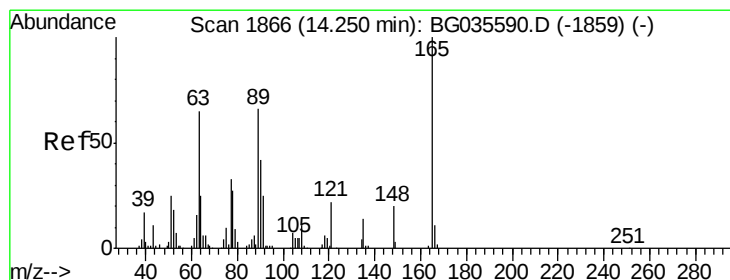
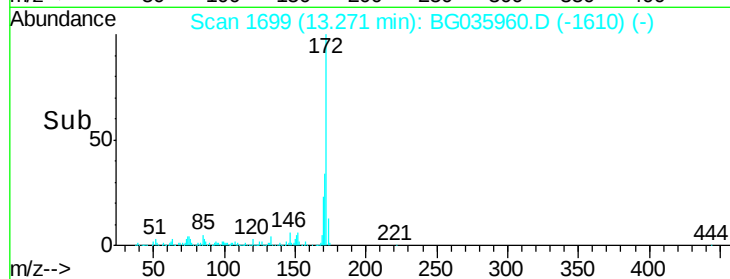
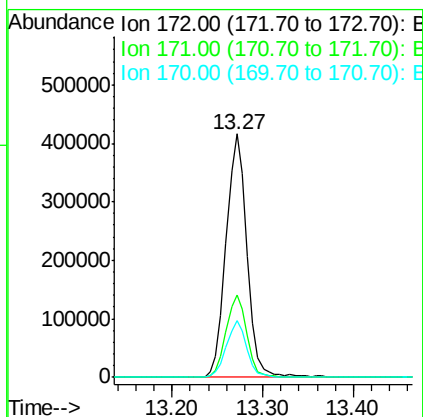
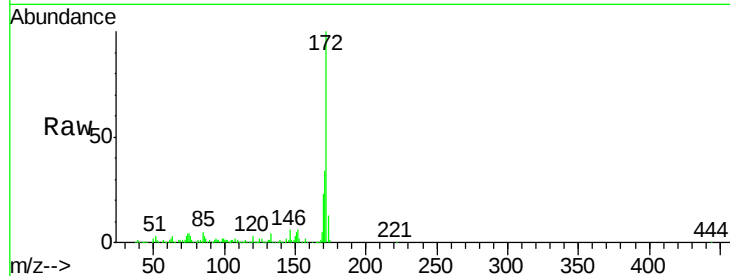
Tgt Ion:330 Resp: 198028
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 38.6 25.2 37.8#





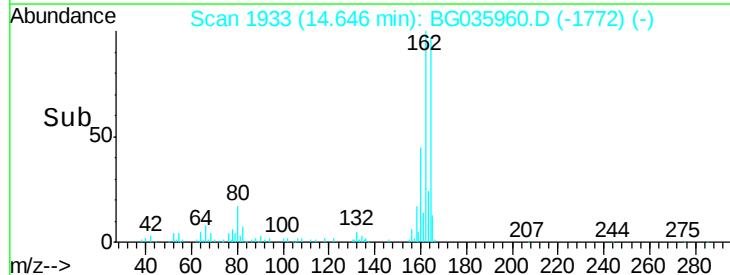
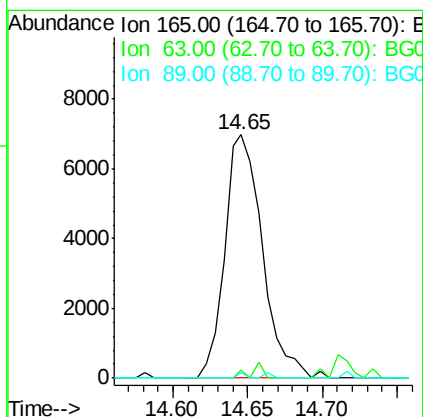
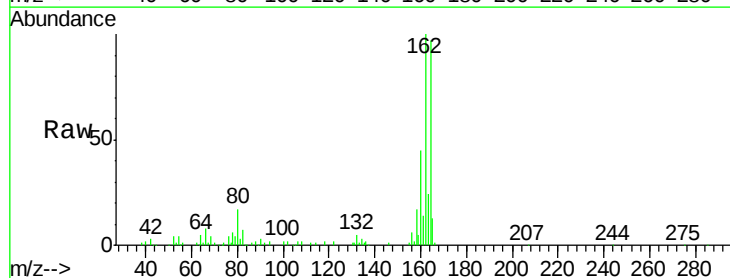
#44
 2-Fluorobiphenyl
 Concen: 100.383 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035960.D
 Acq: 28 Jul 2018 6:25

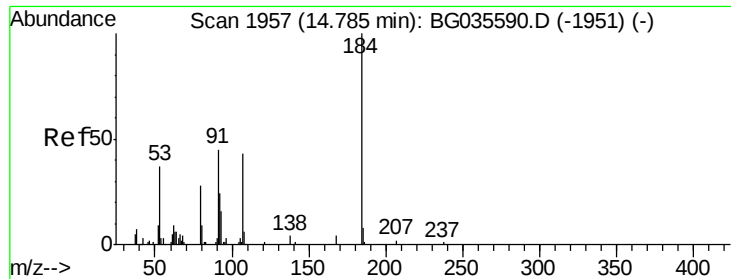
Tgt Ion:	172	Resp:	665061
Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.773 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG035960.D
 Acq: 28 Jul 2018 6:25

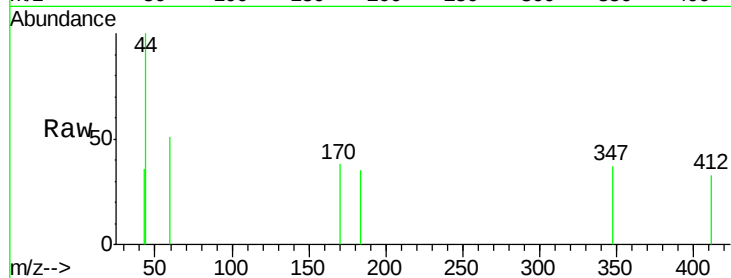
Tgt Ion:	165	Resp:	12310
Ion	Ratio	Lower	Upper
165	100		
63	3.3	52.7	79.1#
89	2.5	49.2	73.8#



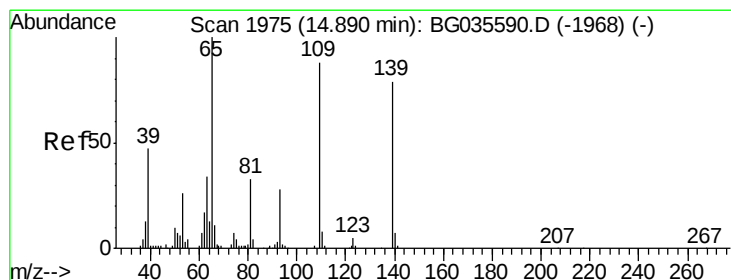
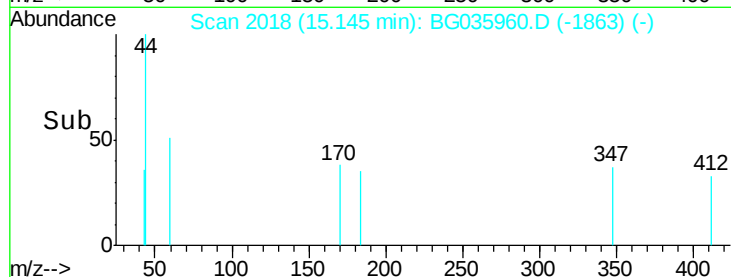
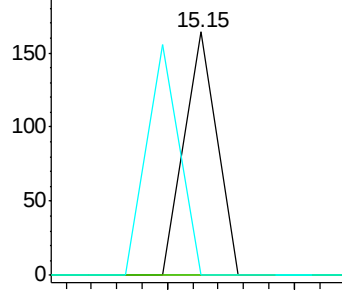


#53
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 15.15 min Scan# 2018
Delta R.T. 0.38 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

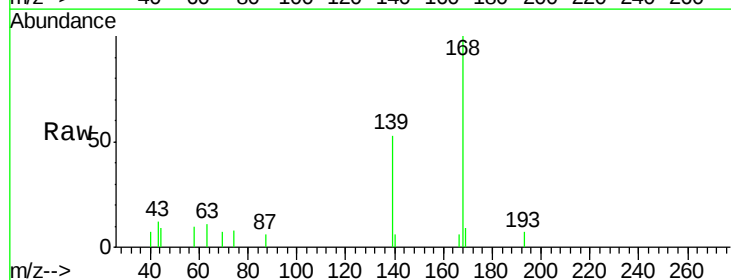


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

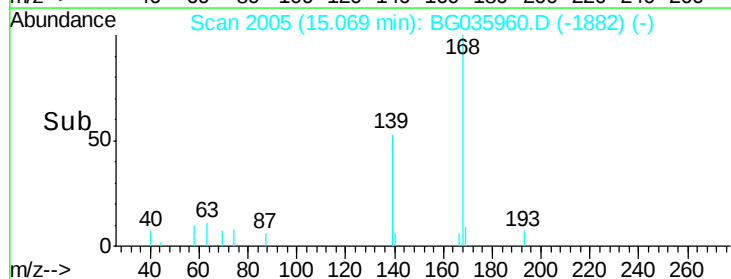
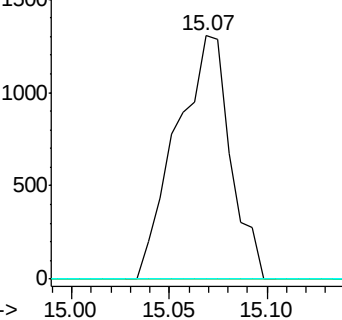


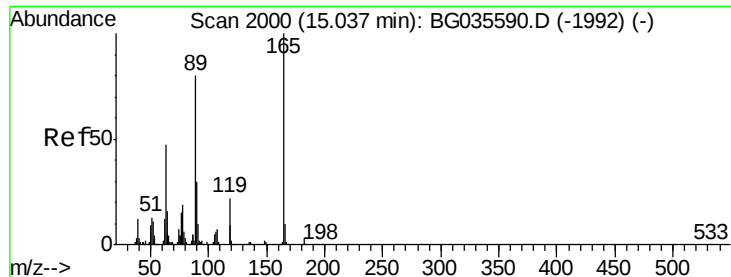
#55
4-Nitrophenol
Concen: 2.171 ng
RT: 15.07 min Scan# 2005
Delta R.T. 0.19 min
Lab File: BG035960.D
Acq: 28 Jul 2018 6:25

Tgt Ion:139 Resp: 2503
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



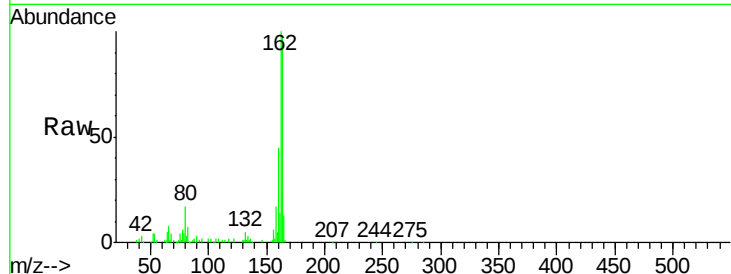
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC





#56
 2,4-Dinitrotoluene
 Concen: 5.418 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG035960.D
 Acq: 28 Jul 2018 6:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	42.0	63.0#
89	2.5	66.9	100.3#
182	0.0	2.6	3.8#

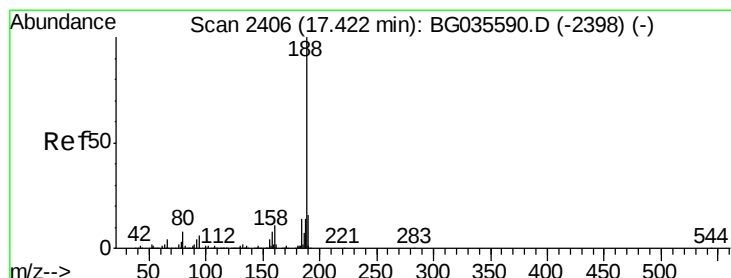
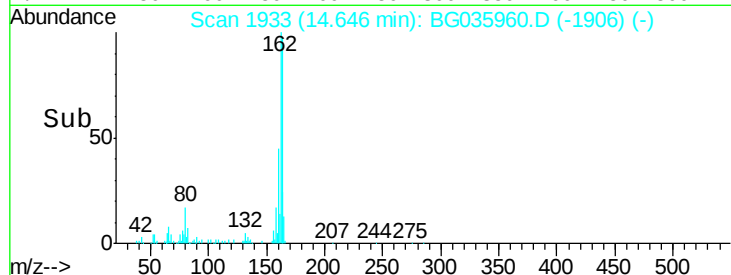
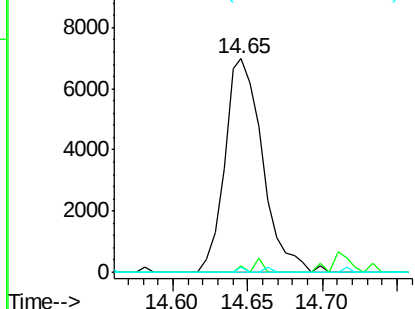


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

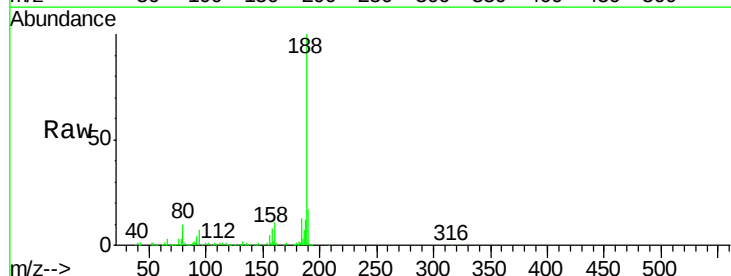
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#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

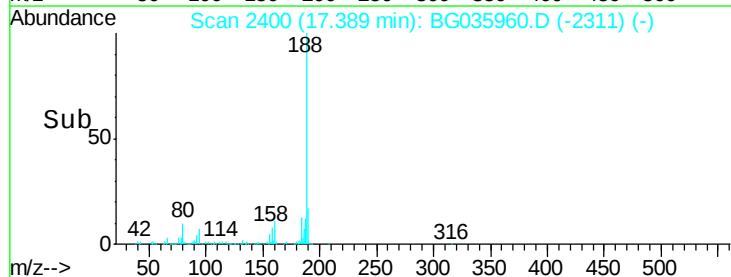
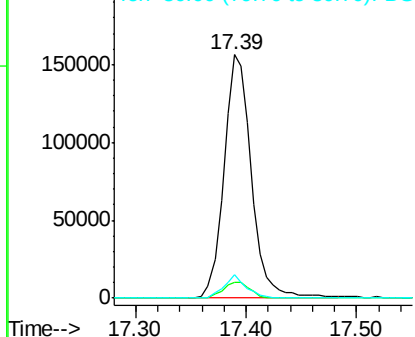
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	9.6	7.7	11.5

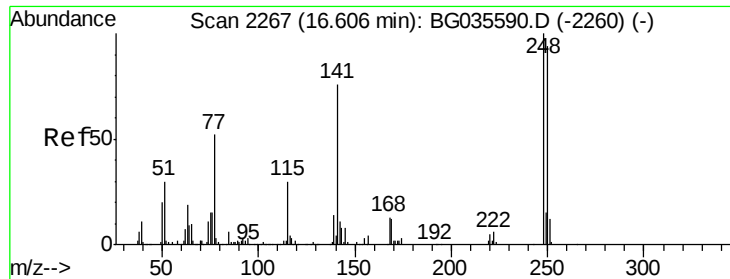


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

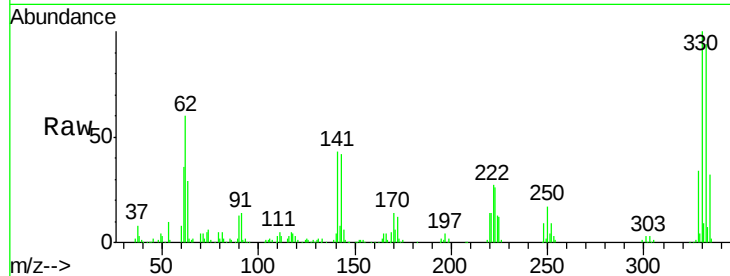
Ion 80.00 (79.70 to 80.70): BGC



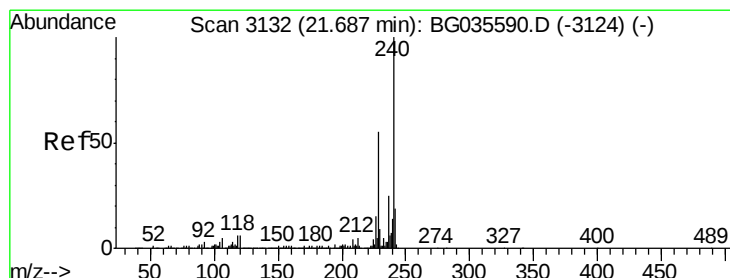
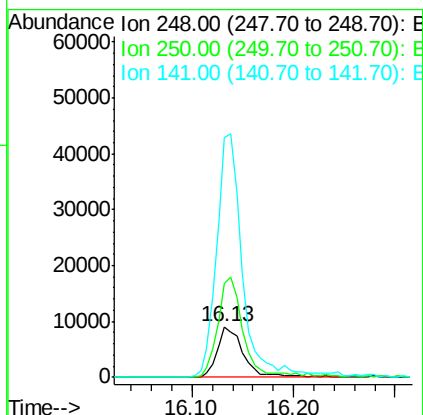
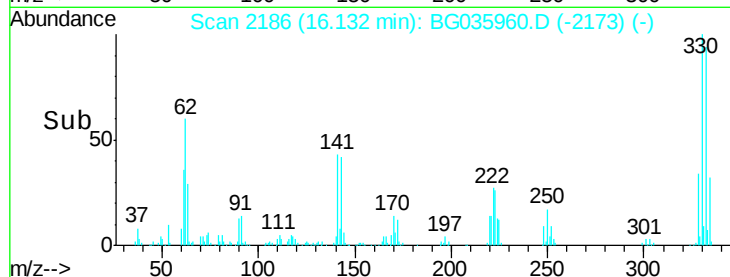


#66
 4-Bromophenyl-phenylether
 Concen: 5.158 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.45 min
 Lab File: BG035960.D
 Acq: 28 Jul 2018 6:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	184.9	77.1	115.7#
141	475.7	50.8	76.2#

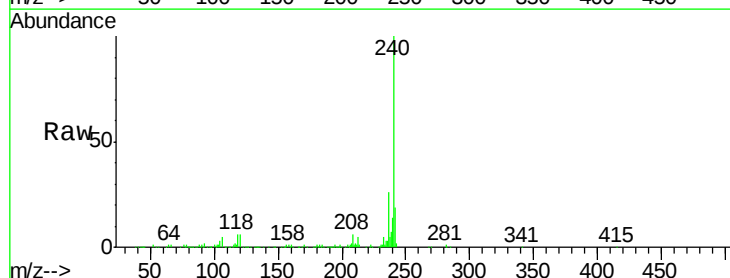


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

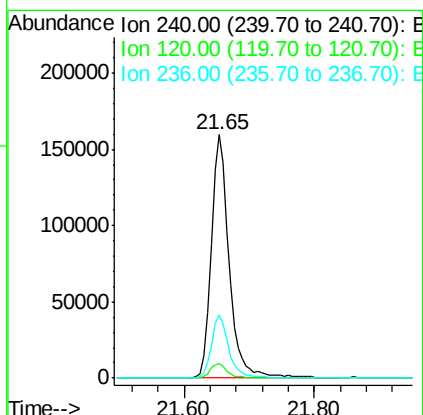
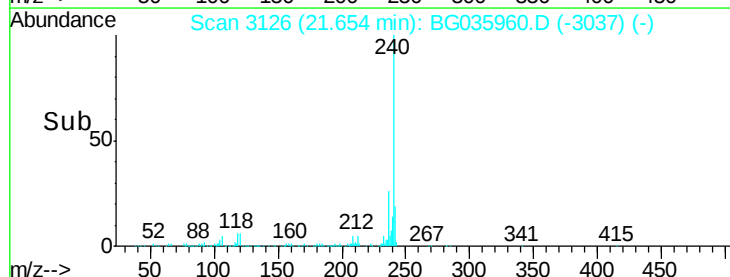


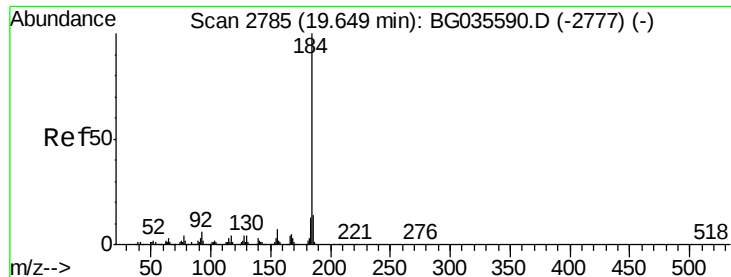
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG035960.D
 Acq: 28 Jul 2018 6:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.9	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: 3.324 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG035960.D

Acq: 28 Jul 2018 6:25

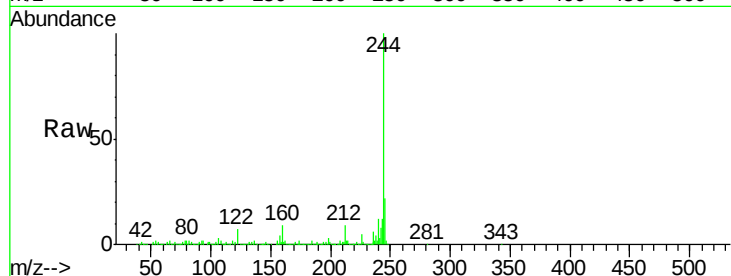
Tgt Ion:184 Resp: 26392

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

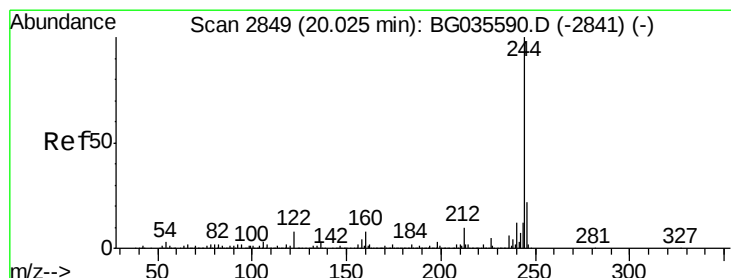
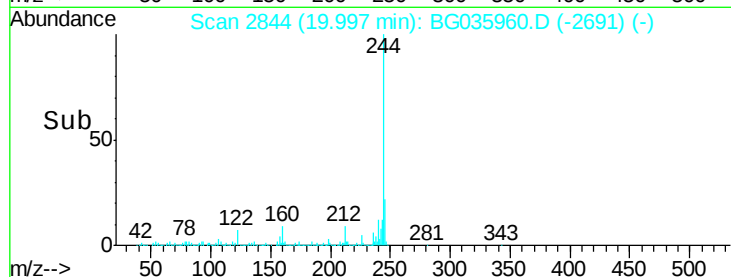
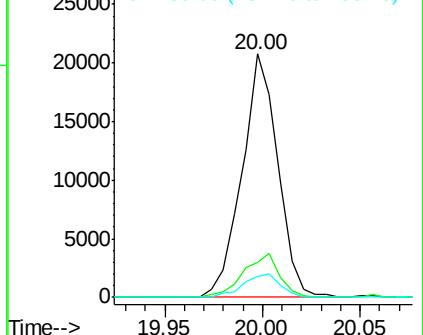
183 8.5 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#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

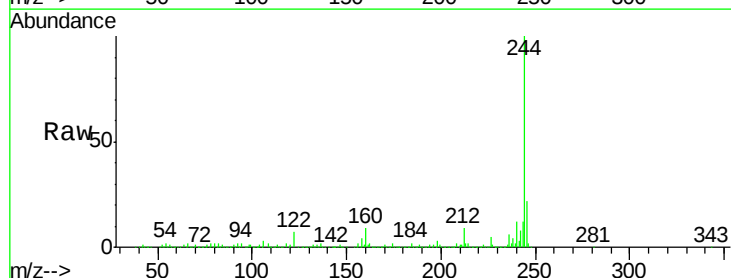
Tgt Ion:244 Resp: 1458702

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

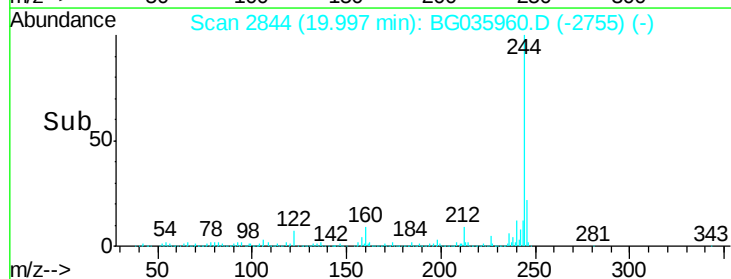
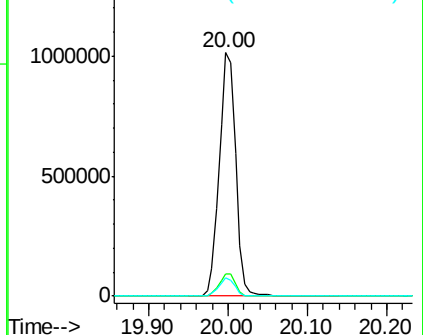
122 7.4 7.0 10.4

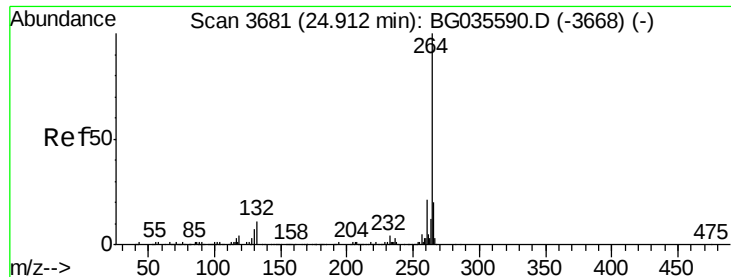


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

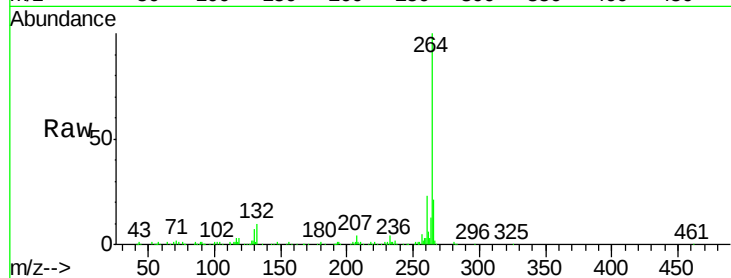
Ion 122.00 (121.70 to 122.70): E





#86
 Perylene-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

Tgt Ion:	264	Resp:	277517
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.3	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

