

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035958.D
 Acq On : 28 Jul 2018 5:07
 Operator : JU/SJ
 Sample : J4180-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

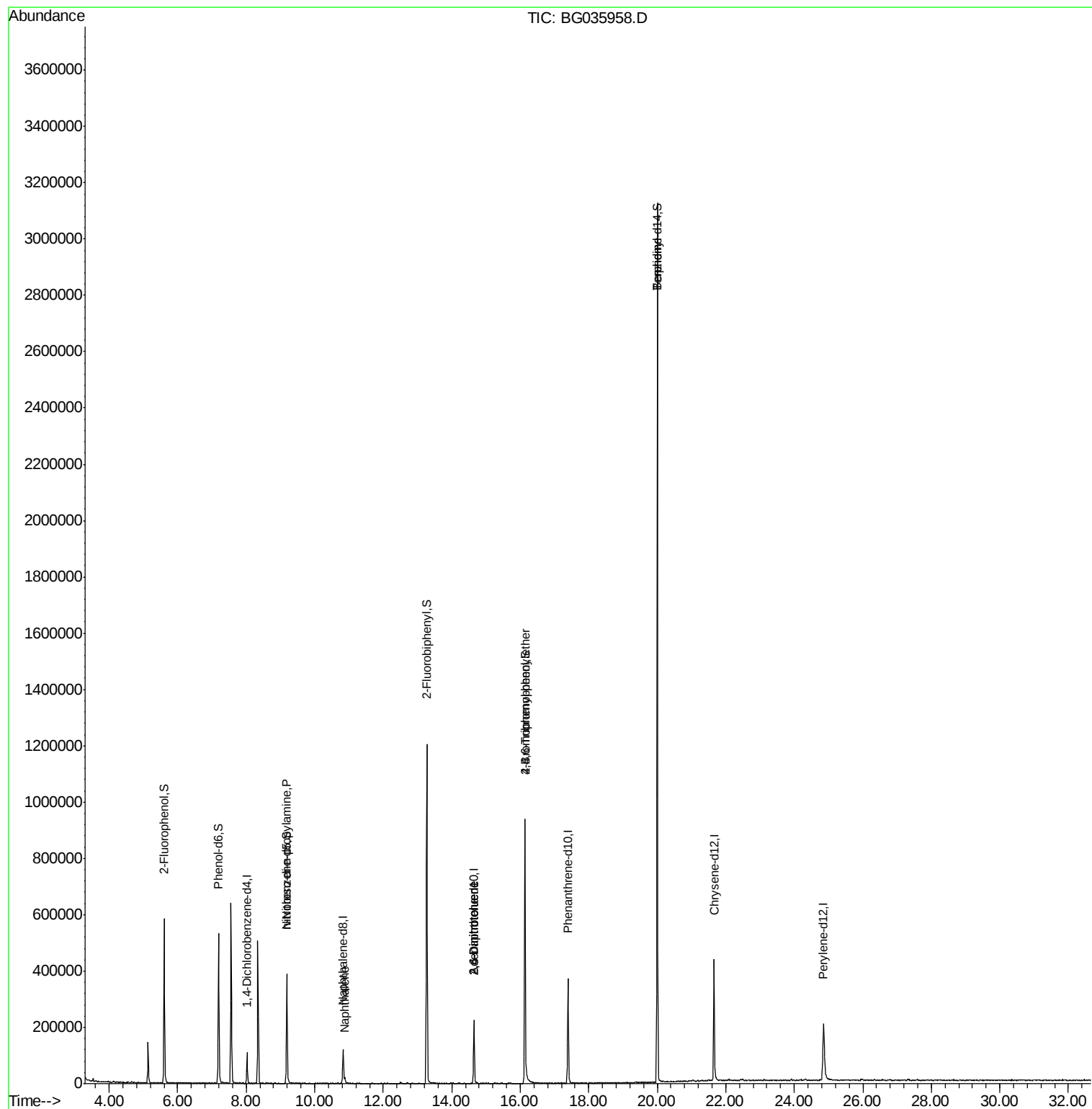
Quant Time: Jul 28 06:31:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

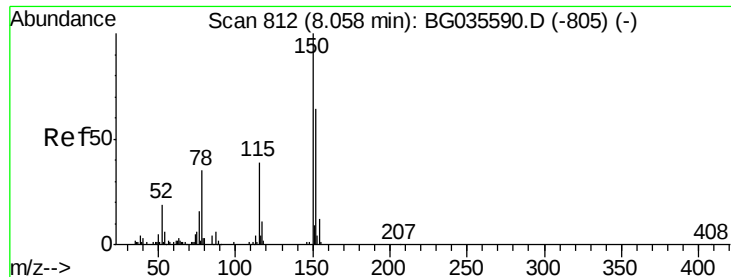
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31182	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115843	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	87555	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	273527	20.00	ng	0.00
75) Chrysene-d12	21.65	240	297220	20.00	ng	0.00
86) Perylene-d12	24.86	264	277703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	259596	138.22	ng	0.00
7) Phenol-d6	7.19	99	335677	119.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	282193	101.76	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	194953	168.93	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	685103	104.83	ng	0.00
78) Terphenyl-d14	20.00	244	1460561	108.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	38877	16.475	ng	# 70
31) Naphthalene	10.88	128	13787	2.285	ng	# 90
50) 2,6-Dinitrotoluene	14.65	165	11811	7.561	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	11811	5.270	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	16273	5.128	ng	# 1
76) Benzidine	20.00	184	25783	3.300	ng	# 94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
Data File : BG035958.D
Acq On : 28 Jul 2018 5:07
Operator : JU/SJ
Sample : J4180-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jul 28 06:31:59 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

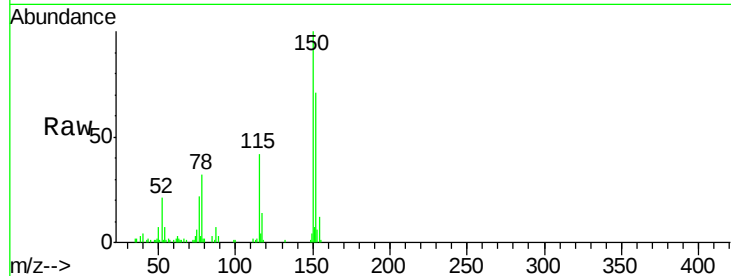




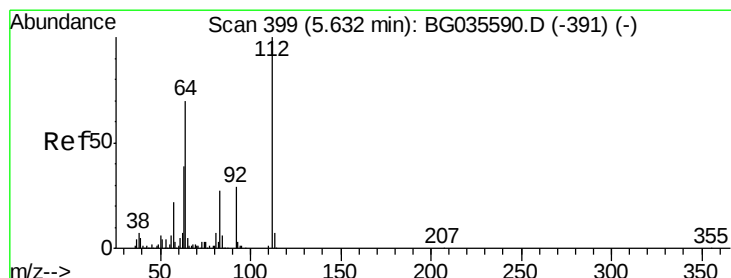
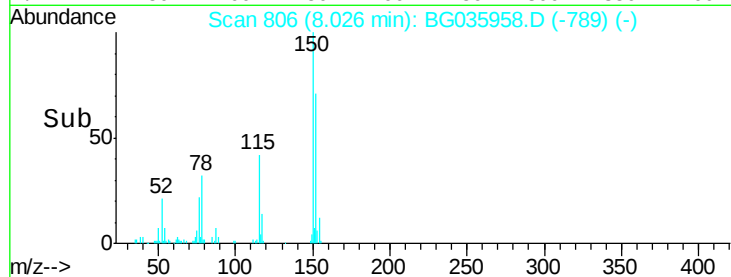
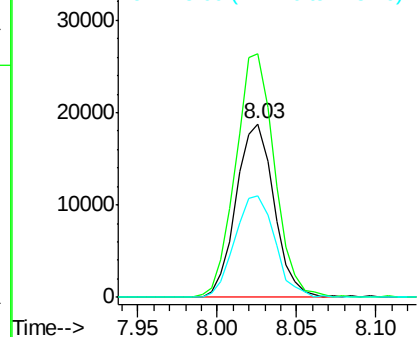
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.2	126.6	189.8
115	58.4	53.0	79.4



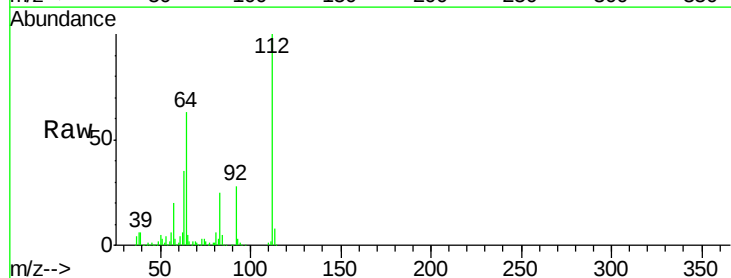
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



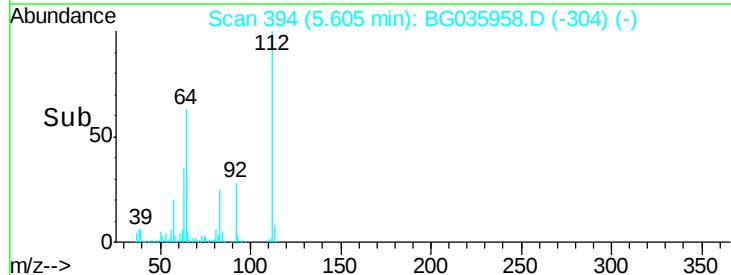
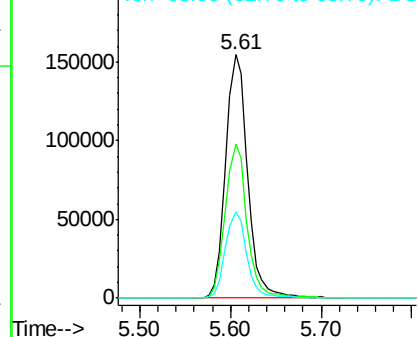
#5

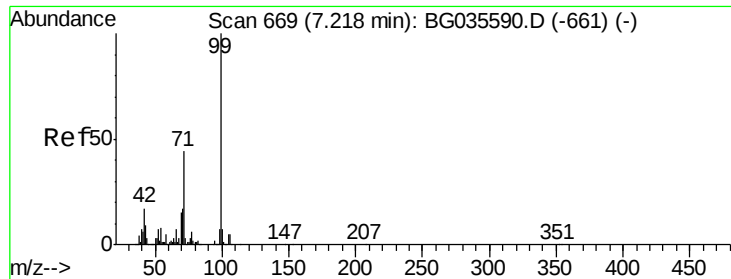
2-Fluorophenol
Concen: 138.218 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	35.2	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: 119.790 ng

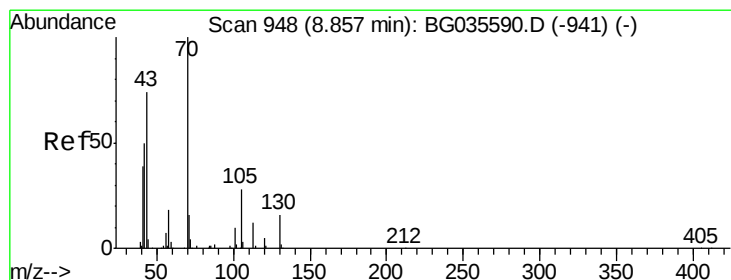
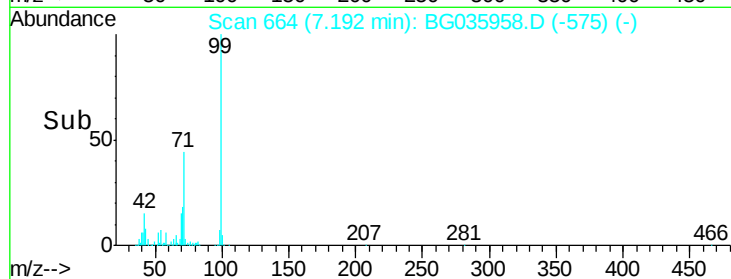
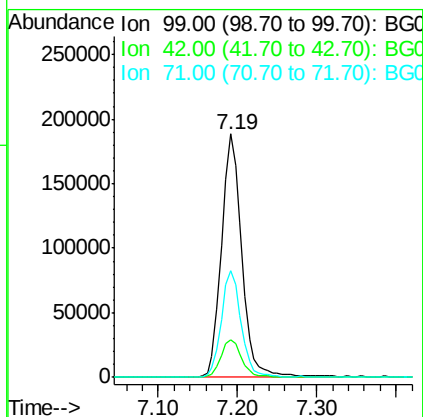
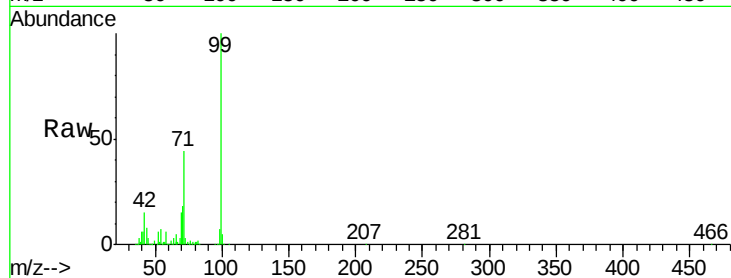
RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035958.D

Acq: 28 Jul 2018 5:07

Tgt Ion:	99	Resp:	335677
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.1	21.1
71	43.6	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.475 ng

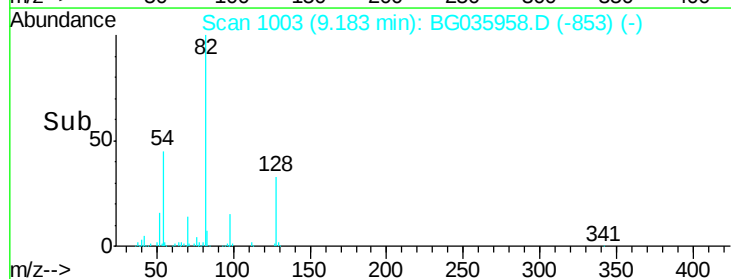
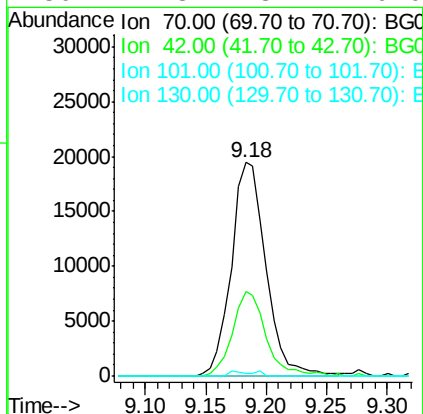
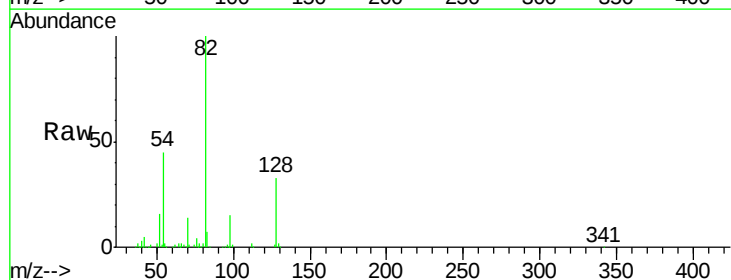
RT: 9.18 min Scan# 1003

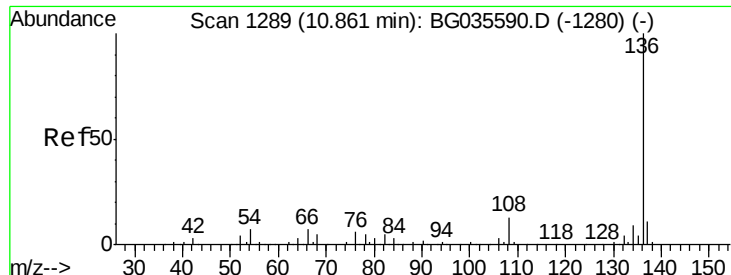
Delta R.T. 0.35 min

Lab File: BG035958.D

Acq: 28 Jul 2018 5:07

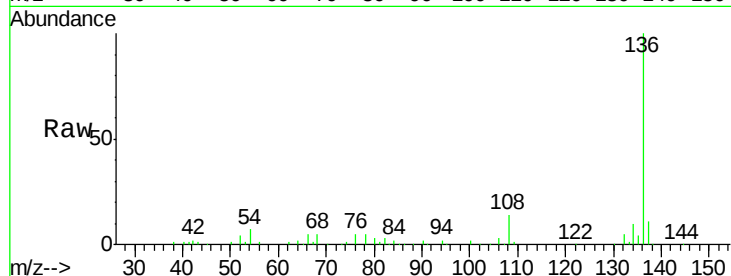
Tgt Ion:	70	Resp:	38877
Ion	Ratio	Lower	Upper
70	100		
42	39.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



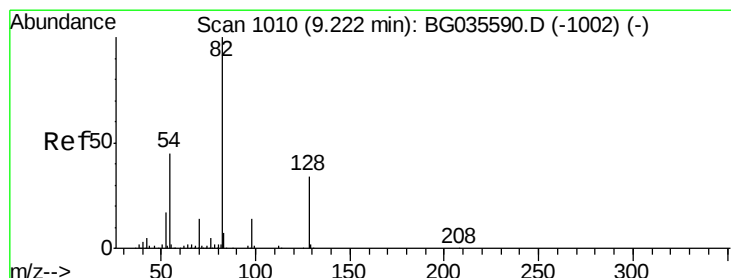
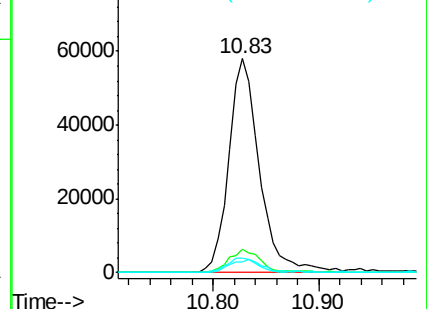
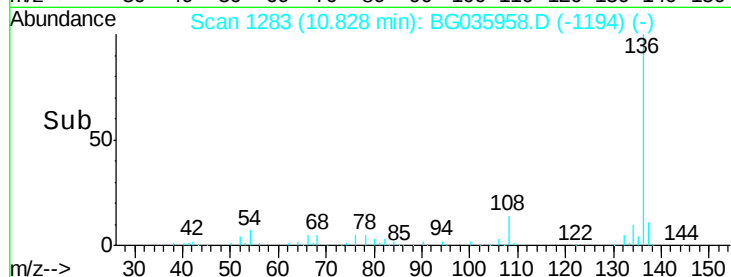


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tgt Ion:	136	Resp:	115843
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.7	10.3	15.5#
68	5.0	4.5	6.7

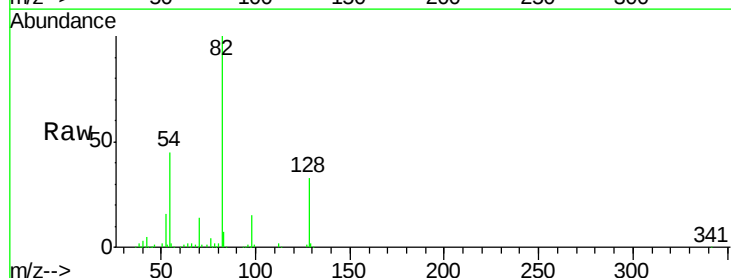


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

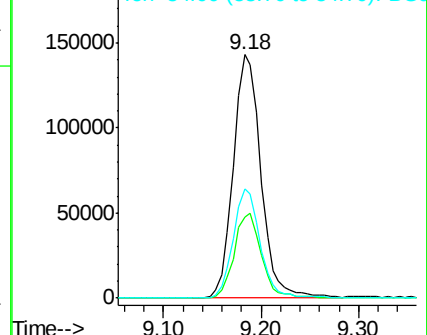
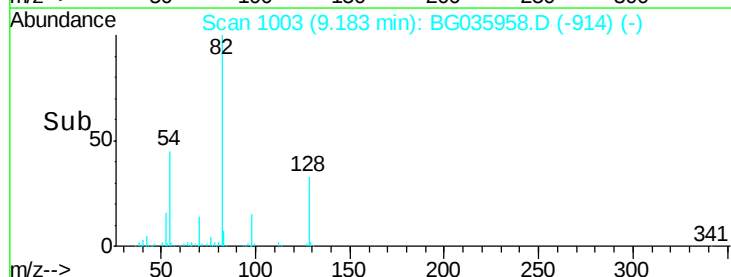


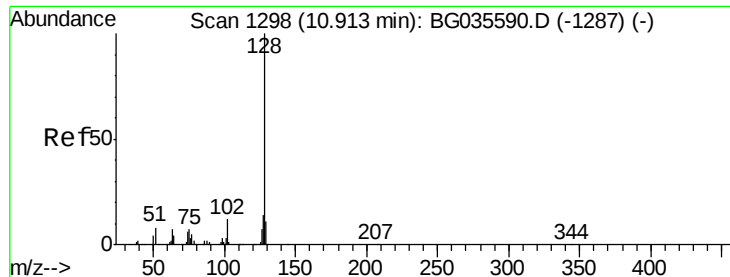
#23
Nitrobenzene-d5
Concen: 101.763 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tgt Ion:	82	Resp:	282193
Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.7	44.5
54	44.6	43.1	64.7



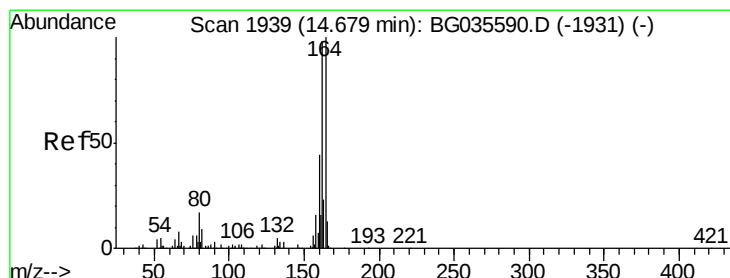
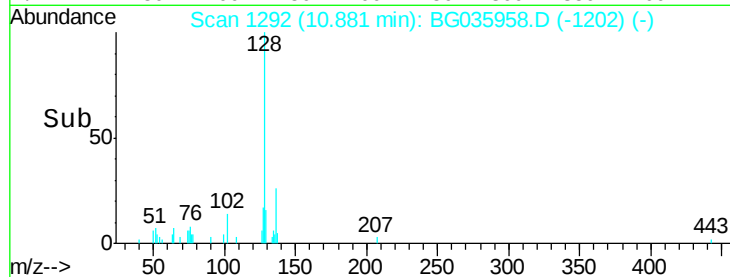
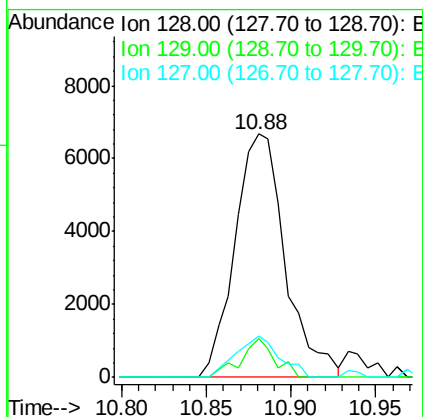
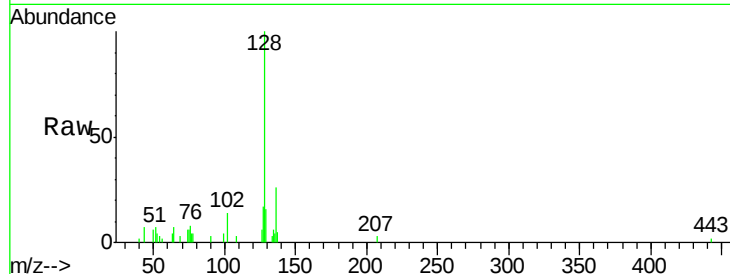
Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





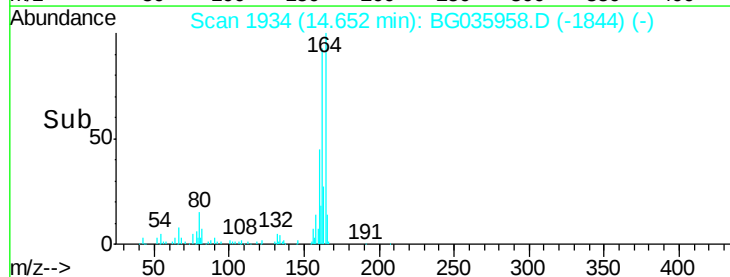
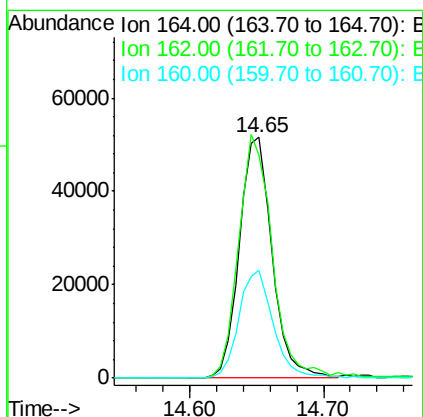
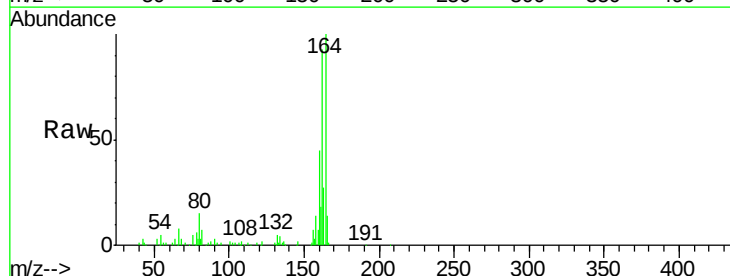
#31
Naphthalene
Concen: 2.285 ng
RT: 10.88 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

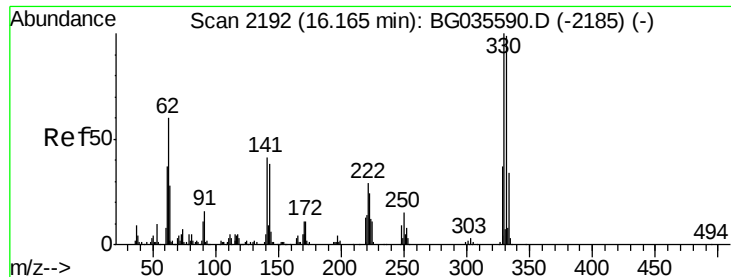
Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.2	8.6	12.8
127	16.9	11.6	17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

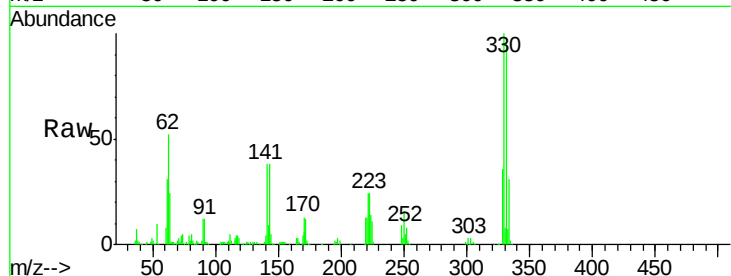
Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.8	78.8	118.2
160	45.0	35.4	53.0



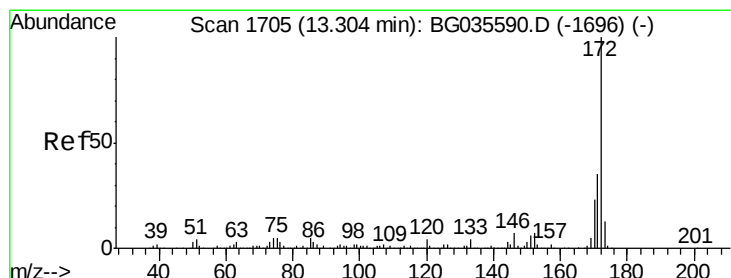
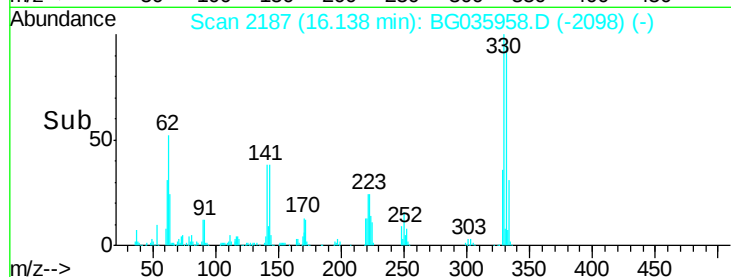
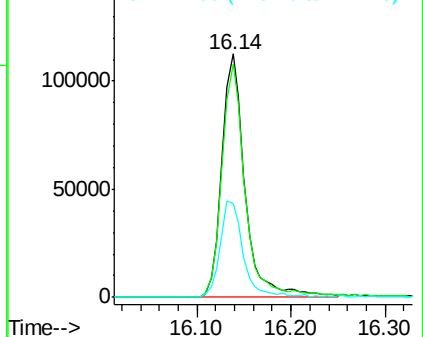


#41
 2,4,6-Tribromophenol
 Concen: 168.932 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035958.D
 Acq: 28 Jul 2018 5:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	38.7	25.2	37.8#

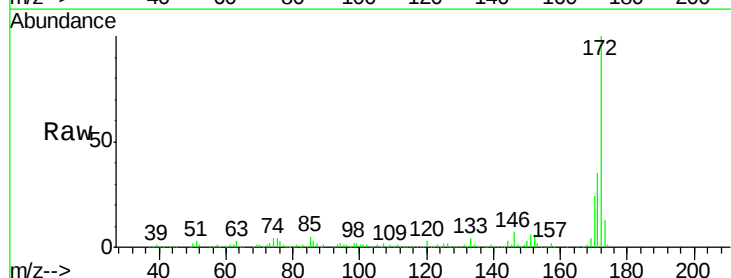


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

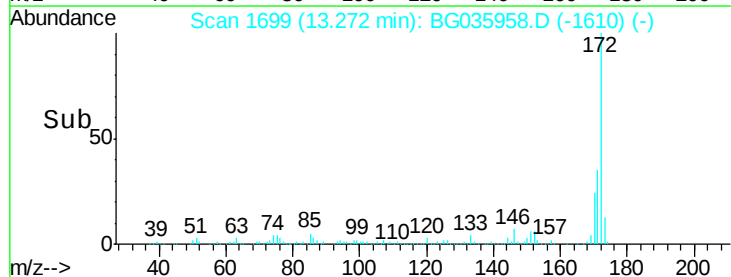
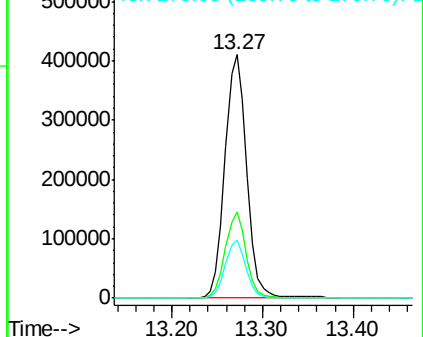


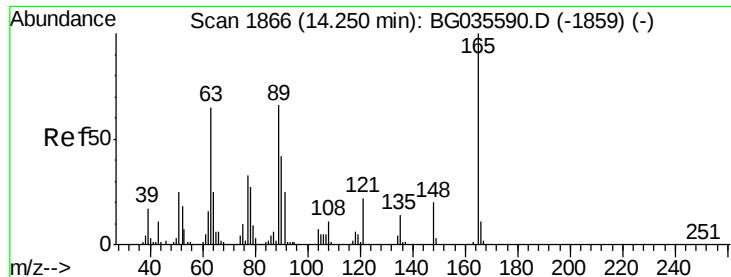
#44
 2-Fluorobiphenyl
 Concen: 104.832 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035958.D
 Acq: 28 Jul 2018 5:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.6	19.5	29.3



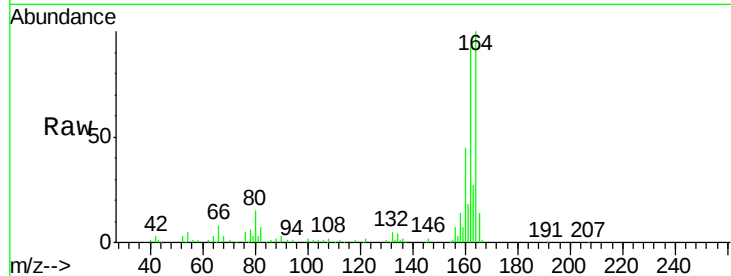
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50
2,6-Dinitrotoluene
Concen: 7.561 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

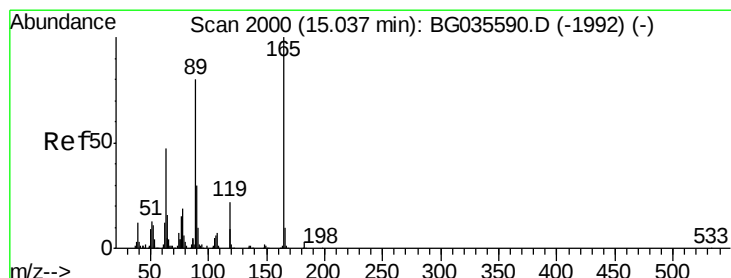
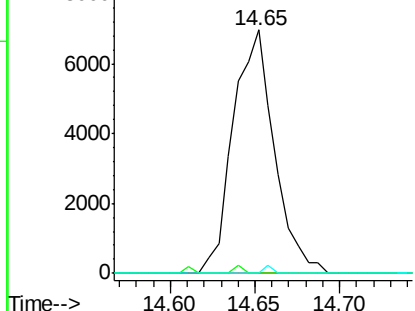
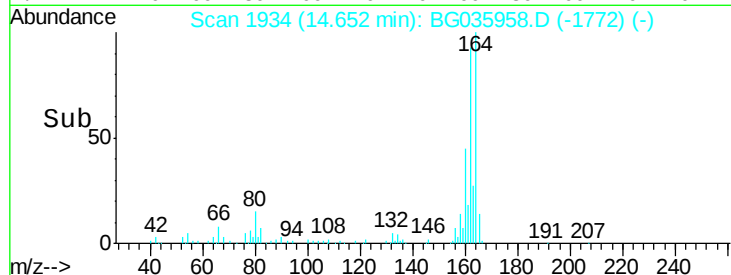
Tgt Ion:165 Resp: 11811
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

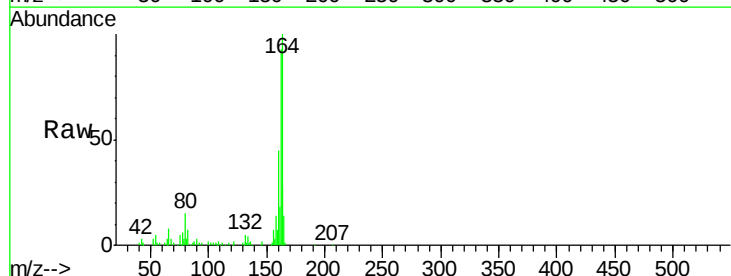
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
2,4-Dinitrotoluene
Concen: 5.270 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.36 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tgt Ion:165 Resp: 11811
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#

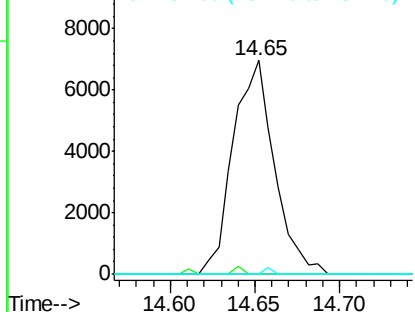
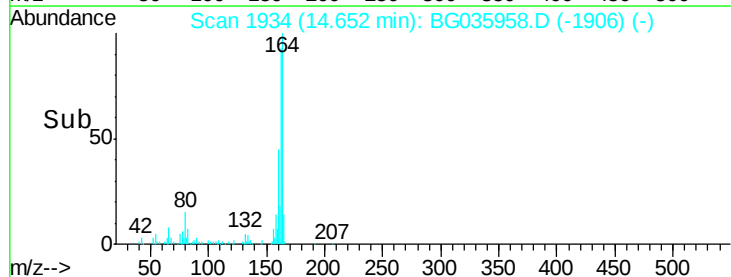


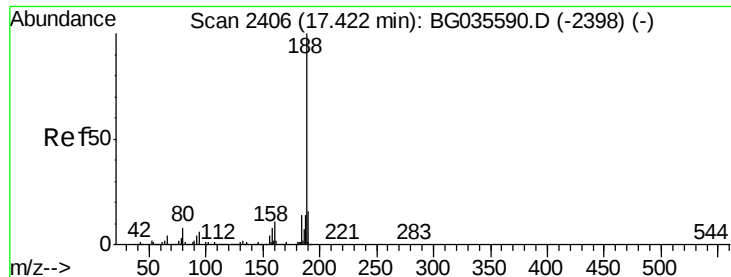
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

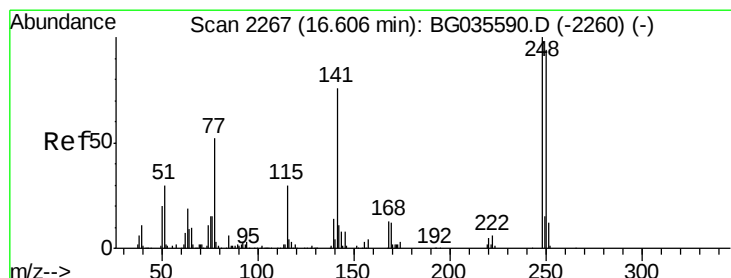
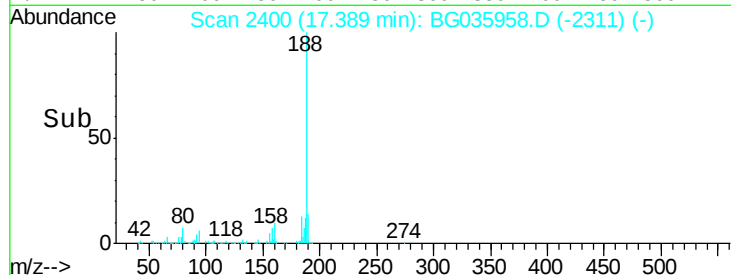
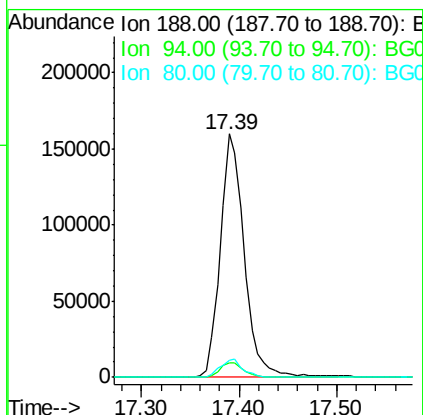
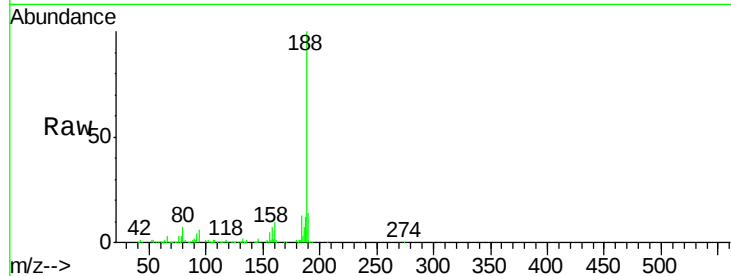
Ion 182.00 (181.70 to 182.70): E





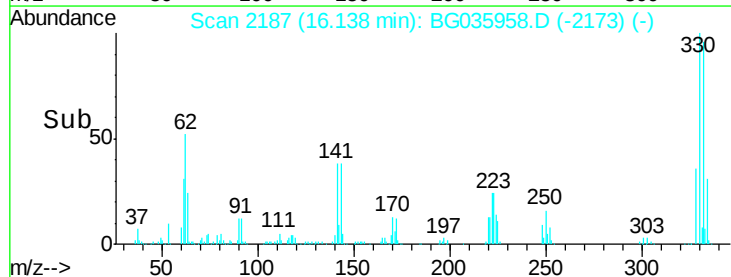
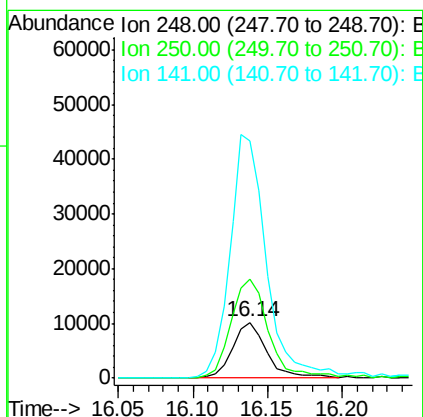
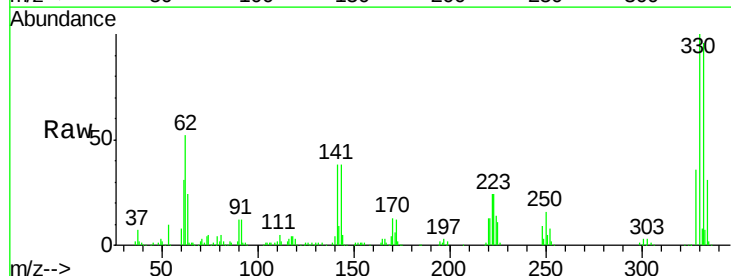
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BG035958.D
 Acq: 28 Jul 2018 5:07

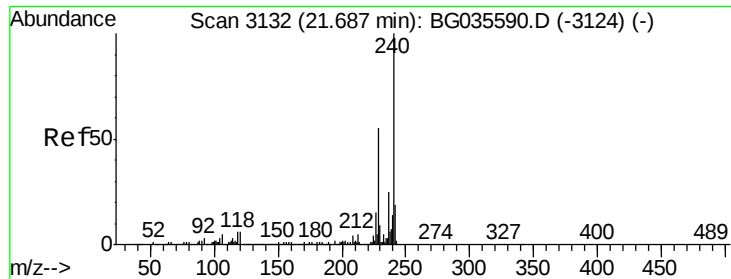
Tgt Ion:188 Resp: 273527
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 6.9 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 5.128 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035958.D
 Acq: 28 Jul 2018 5:07

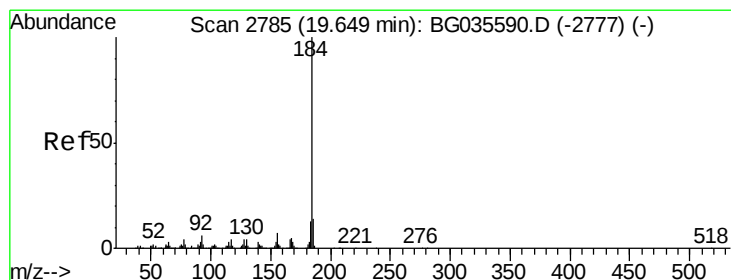
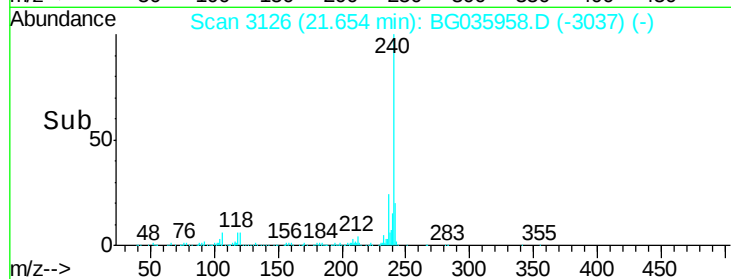
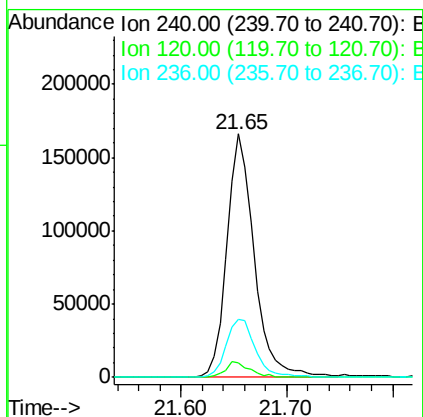
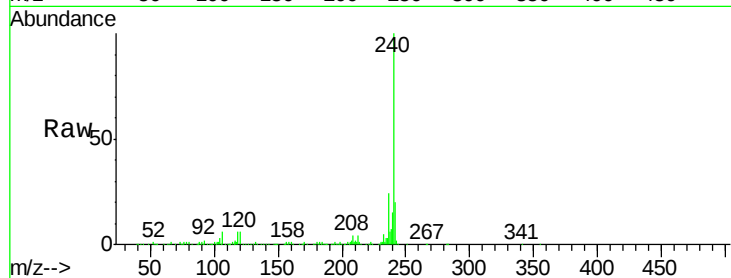
Tgt Ion:248 Resp: 16273
 Ion Ratio Lower Upper
 248 100
 250 177.4 77.1 115.7#
 141 424.9 50.8 76.2#





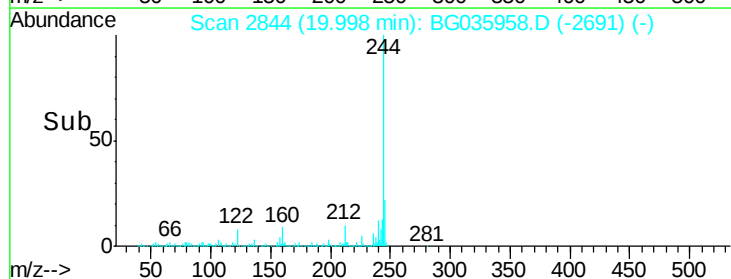
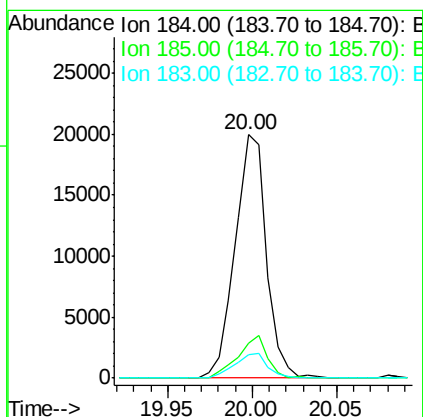
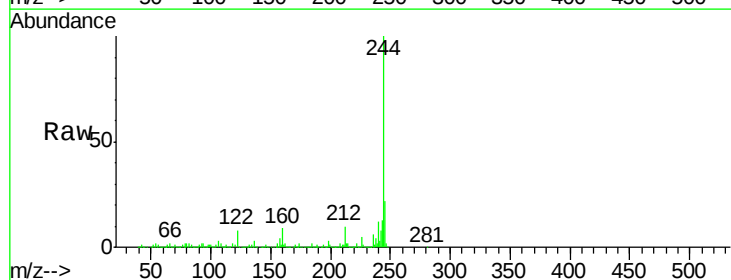
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

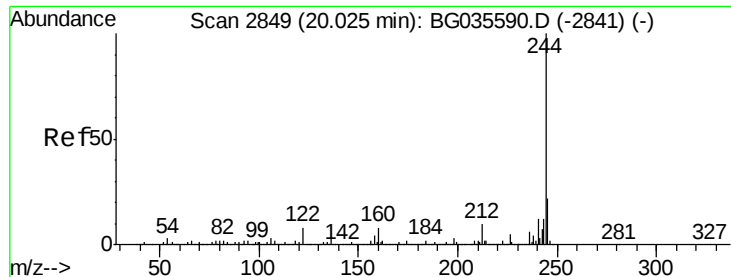
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	23.8	20.9	31.3



#76
Benzidine
Concen: 3.300 ng
RT: 20.00 min Scan# 2844
Delta R.T. 0.37 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	9.5	10.6	16.0#





#78

Terphenyl-d14

Concen: 108.321 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035958.D

Acq: 28 Jul 2018 5:07

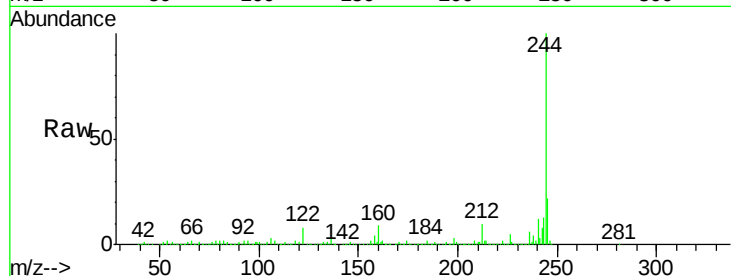
Tgt Ion:244 Resp: 1460561

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

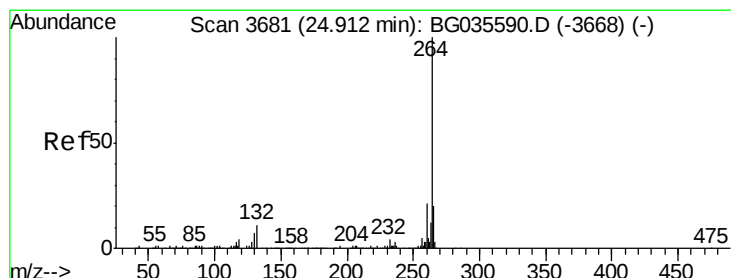
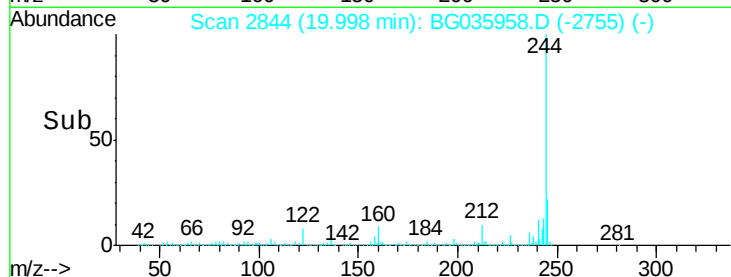
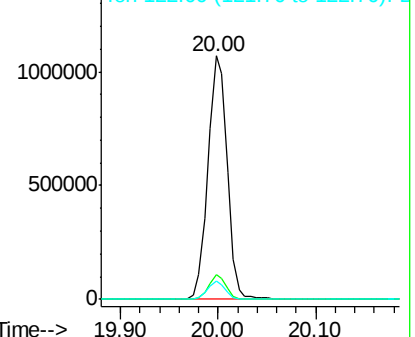
122 7.8 7.0 10.4



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: BG035958.D

Acq: 28 Jul 2018 5:07

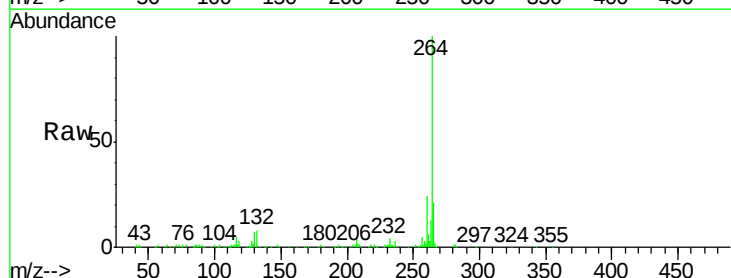
Tgt Ion:264 Resp: 277703

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.4 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

