

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035959.D
 Acq On : 28 Jul 2018 5:46
 Operator : JU/SJ
 Sample : J4189-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

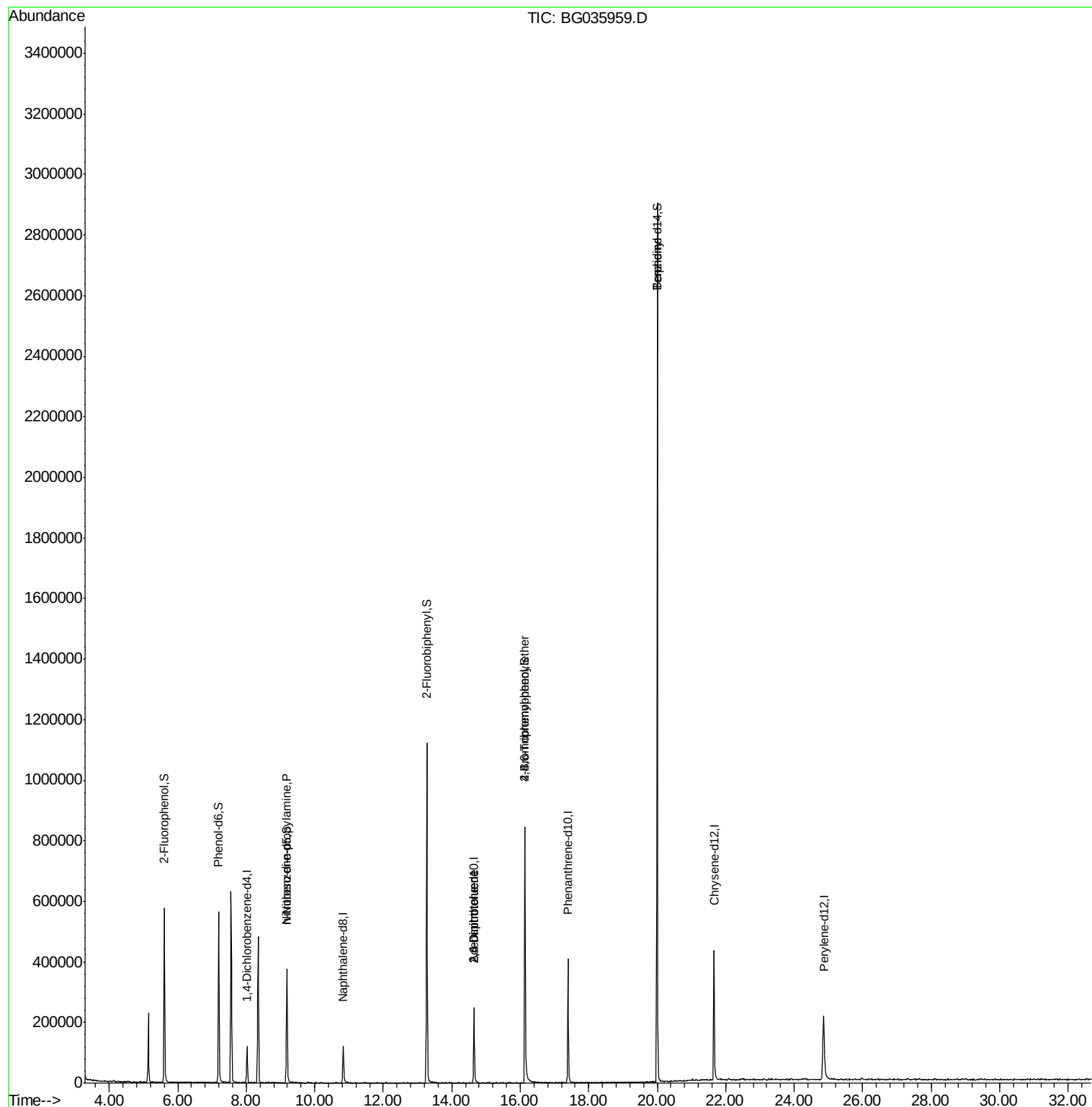
Quant Time: Jul 28 06:32:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

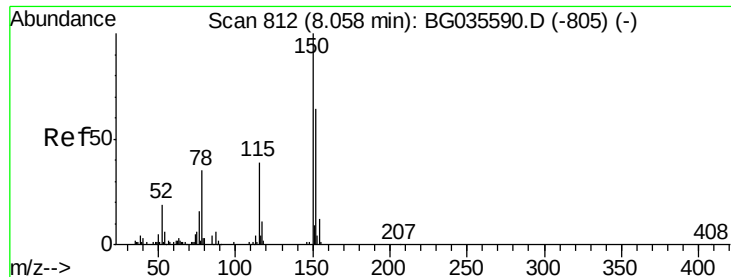
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32697	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	123004	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	94915	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	287417	20.00	ng	0.00
75) Chrysene-d12	21.65	240	314963	20.00	ng	0.00
86) Perylene-d12	24.86	264	284572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	257820	130.91	ng	0.00
7) Phenol-d6	7.19	99	359991	122.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	265470	90.16	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	169402	135.41	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	659757	93.13	ng	0.00
78) Terphenyl-d14	20.00	244	1374997	96.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	36561	14.776	ng	# 71
50) 2,6-Dinitrotoluene	14.65	165	12173	7.188	ng	# 24
56) 2,4-Dinitrotoluene	14.65	165	12173	5.011	ng	# 22
66) 4-Bromophenyl-phenylether	16.14	248	13889	4.165	ng	# 1
76) Benzidine	20.00	184	22923	2.768	ng	# 92

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

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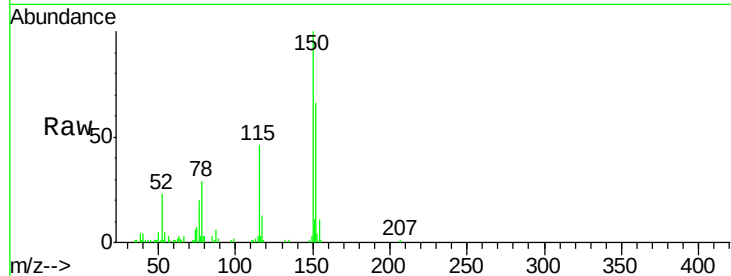




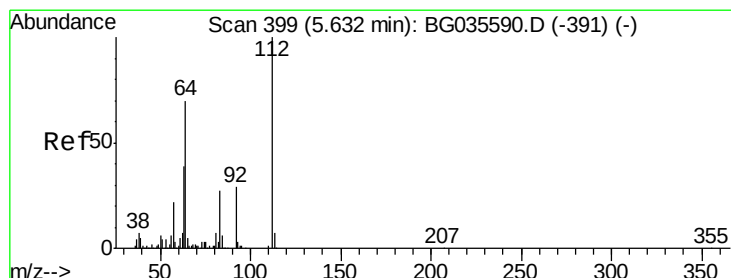
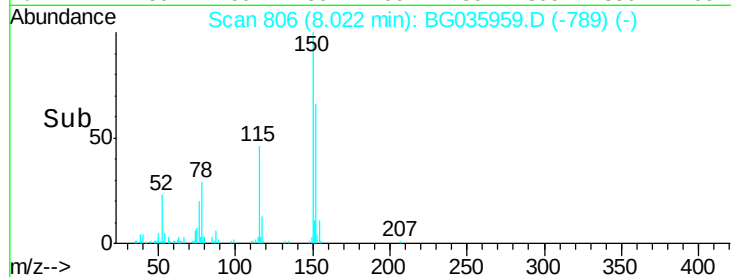
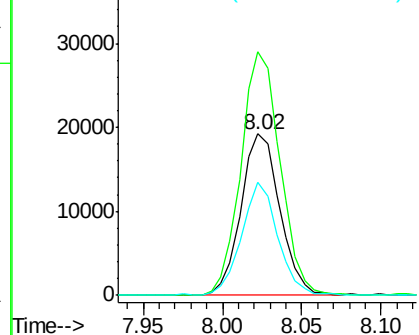
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035959.D
Acq: 28 Jul 2018 5:46

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.6	189.8
115	70.0	53.0	79.4



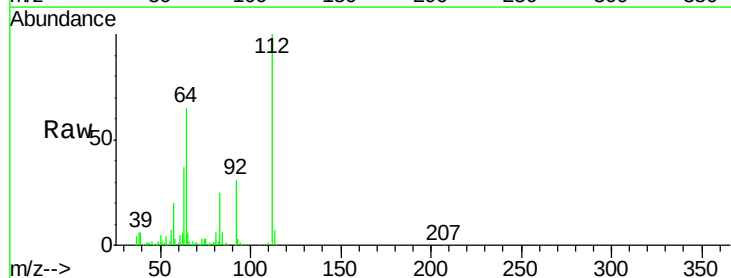
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



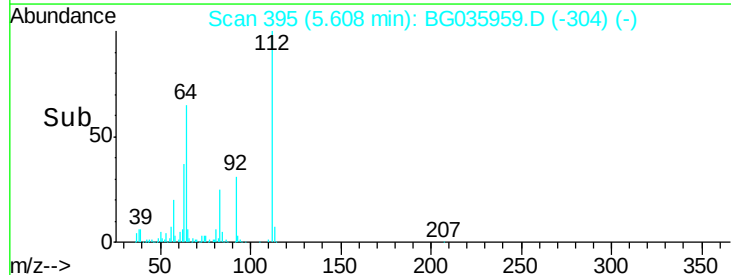
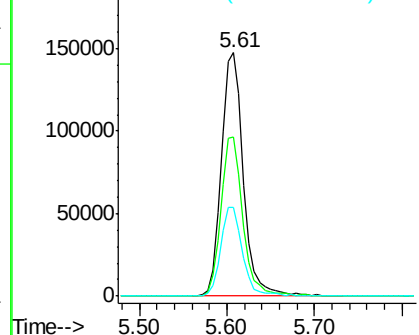
#5

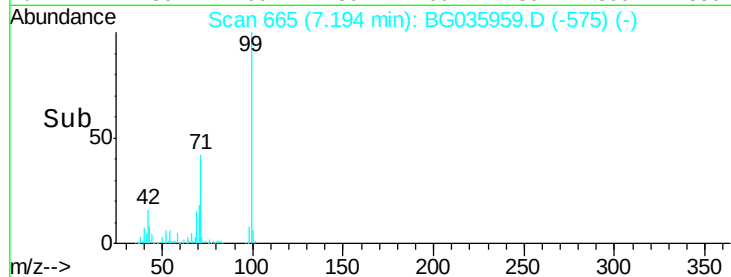
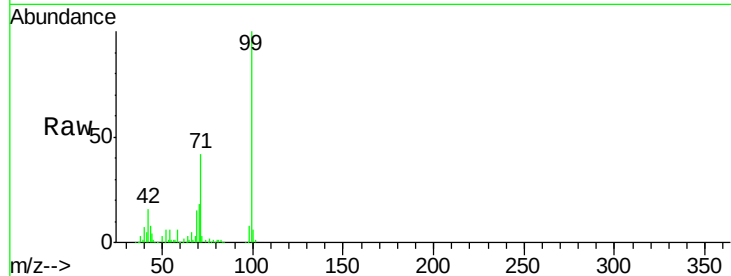
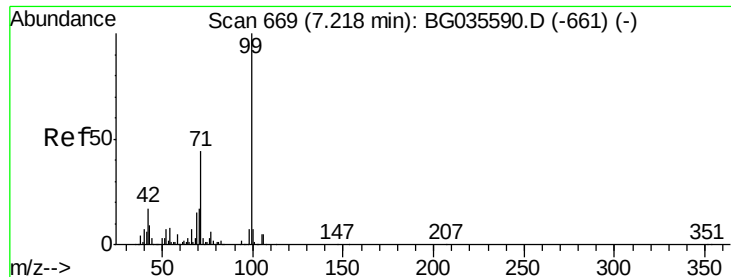
2-Fluorophenol
Concen: 130.912 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035959.D
Acq: 28 Jul 2018 5:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	36.6	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: 122.515 ng

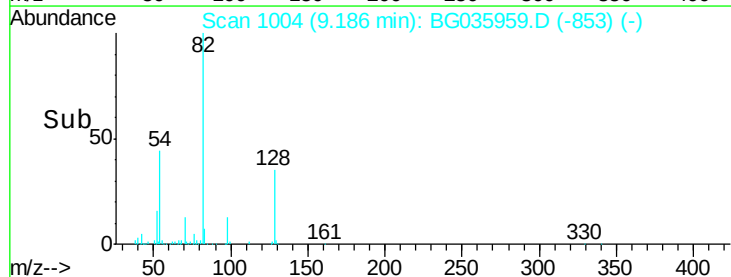
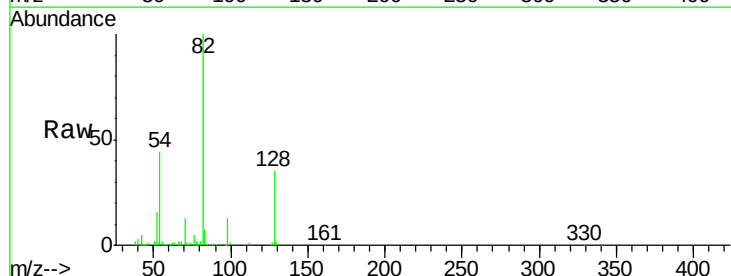
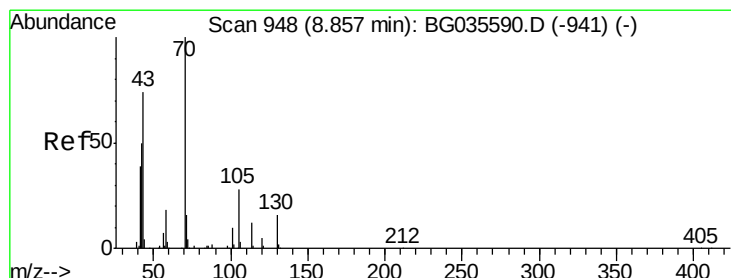
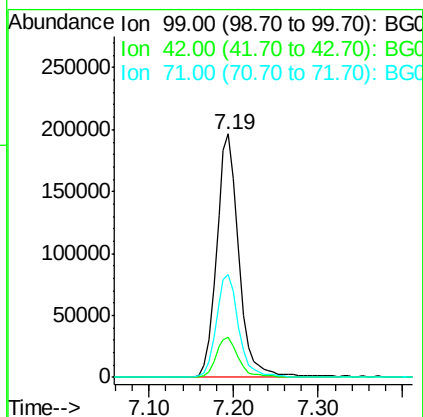
RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035959.D

Acq: 28 Jul 2018 5:46

Tgt Ion:	99	Resp:	359991
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	42.3	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.776 ng

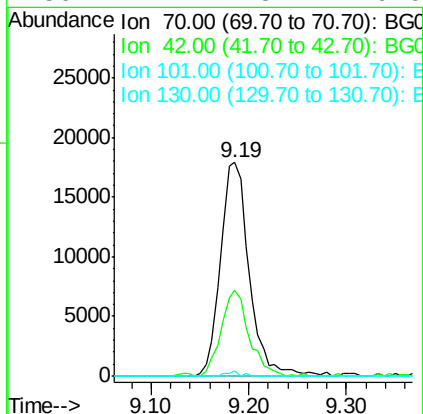
RT: 9.19 min Scan# 1004

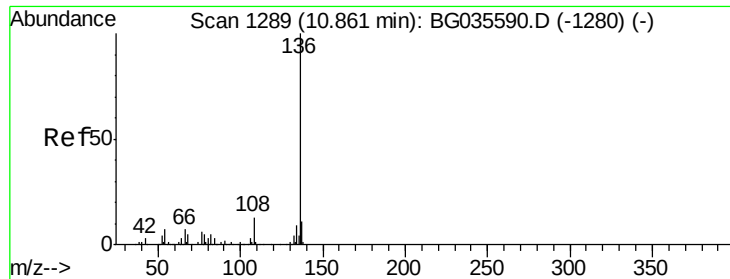
Delta R.T. 0.36 min

Lab File: BG035959.D

Acq: 28 Jul 2018 5:46

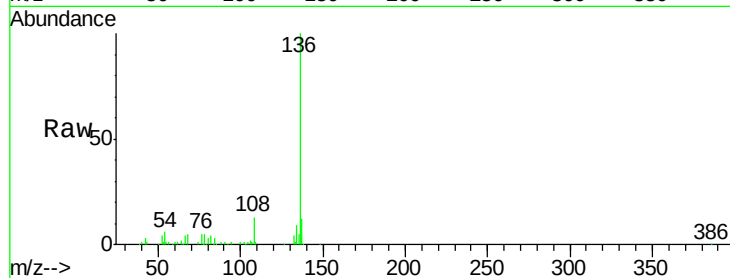
Tgt Ion:	70	Resp:	36561
Ion	Ratio	Lower	Upper
70	100		
42	40.2	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



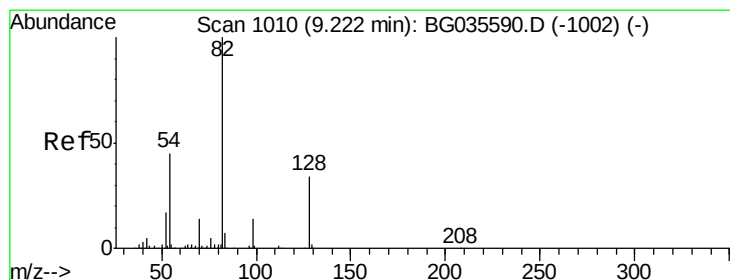
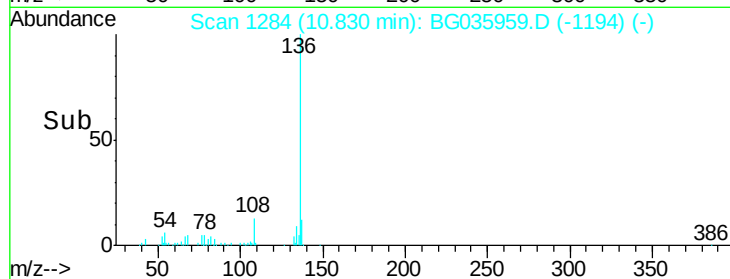
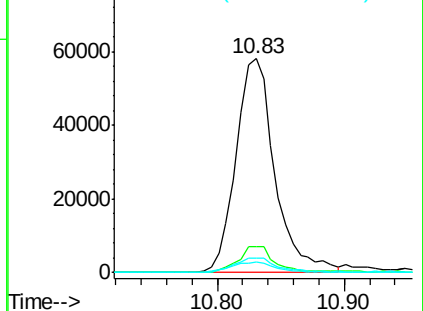


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG0355959.D
Acq: 28 Jul 2018 5:46

Tgt Ion:	136	Resp:	123004
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	6.3	10.3	15.5#
68	4.7	4.5	6.7

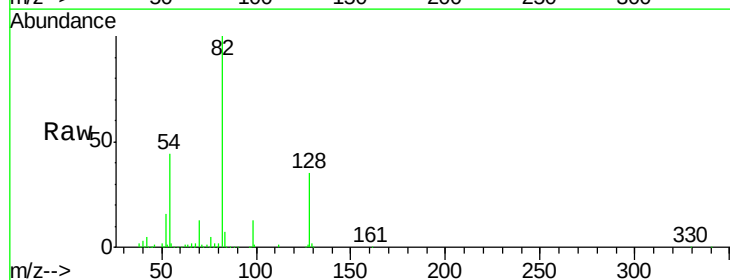


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

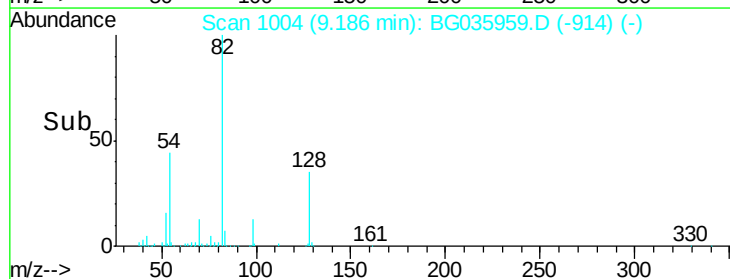
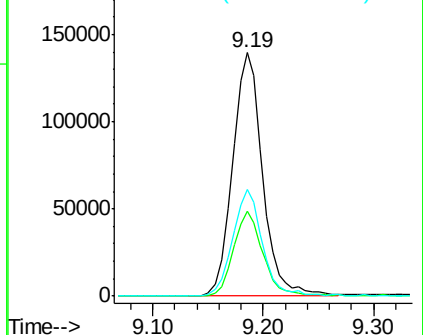


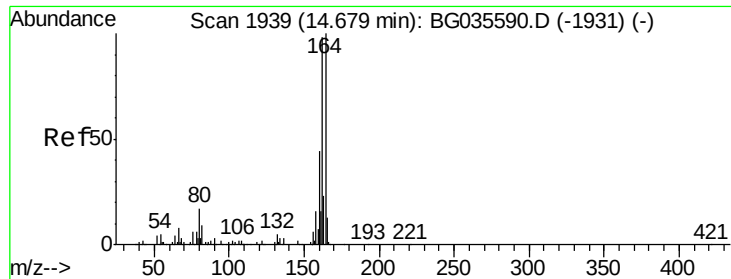
#23
Nitrobenzene-d5
Concen: 90.159 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035959.D
Acq: 28 Jul 2018 5:46

Tgt Ion:	82	Resp:	265470
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	43.8	43.1	64.7



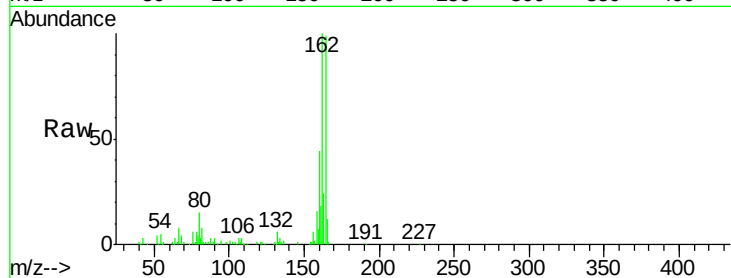
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



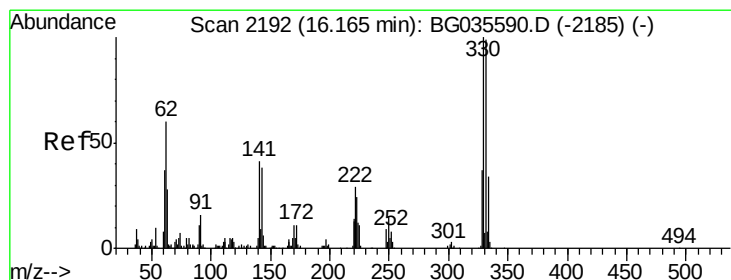
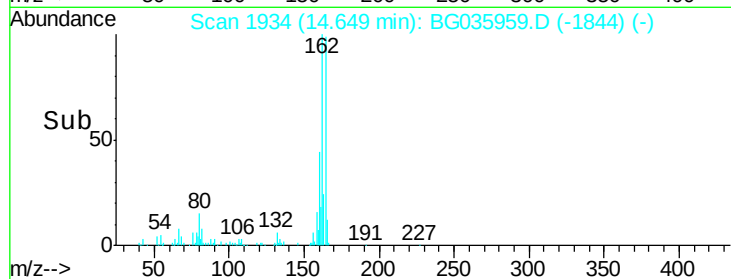
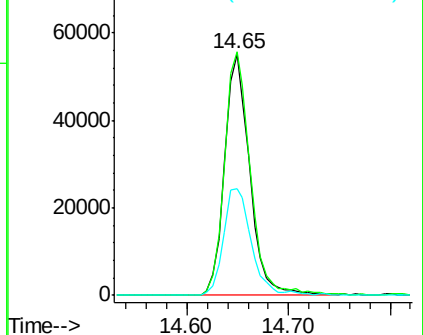


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG0355959.D
Acq: 28 Jul 2018 5:46

Tgt Ion:164 Resp: 94915
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 44.5 35.4 53.0

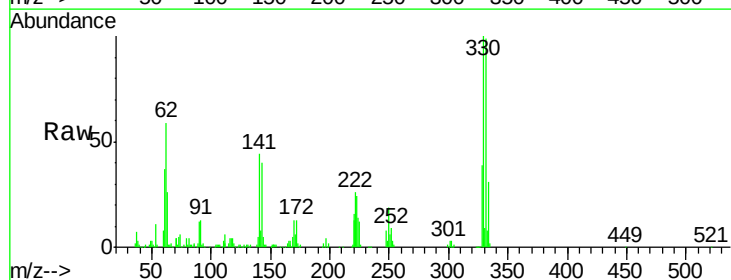


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

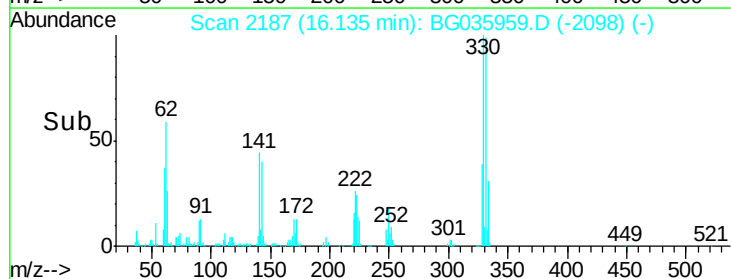
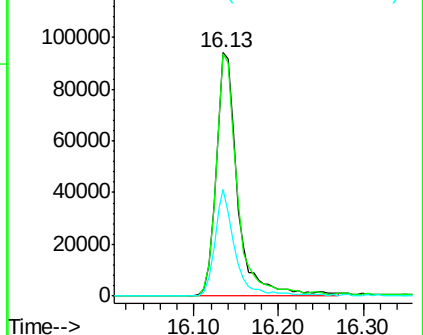


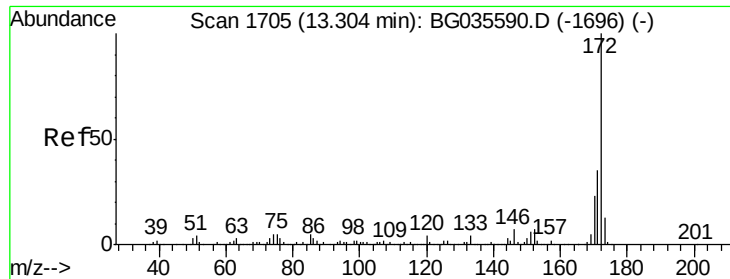
#41
2,4,6-Tribromophenol
Concen: 135.409 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG0355959.D
Acq: 28 Jul 2018 5:46

Tgt Ion:330 Resp: 169402
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 40.2 25.2 37.8#



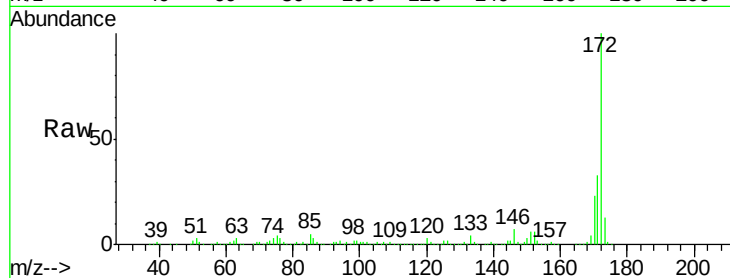
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



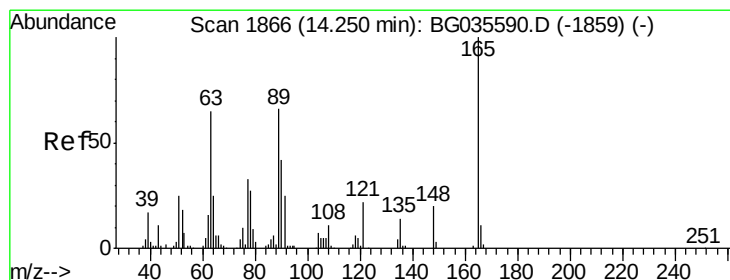
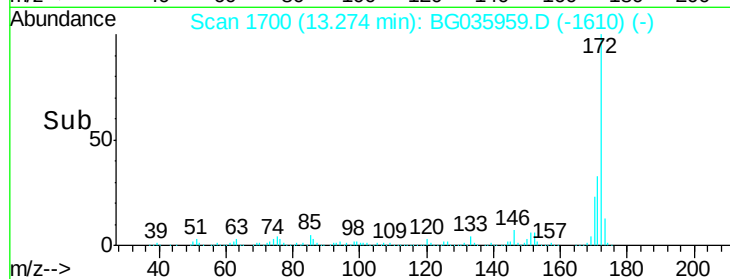
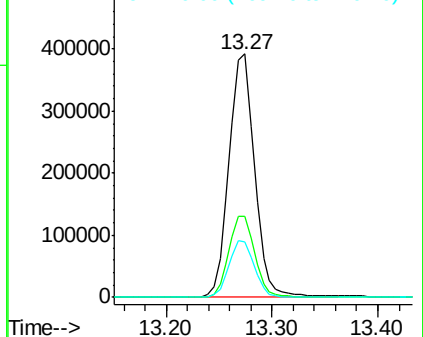


#44
 2-Fluorobiphenyl
 Concen: 93.126 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG0355959.D
 Acq: 28 Jul 2018 5:46

Tgt Ion:	172	Resp:	659757
Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	23.0	19.5	29.3

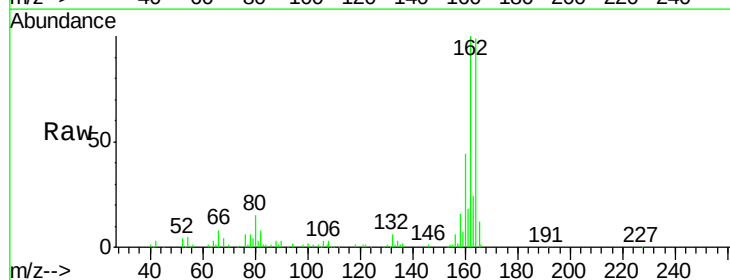


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

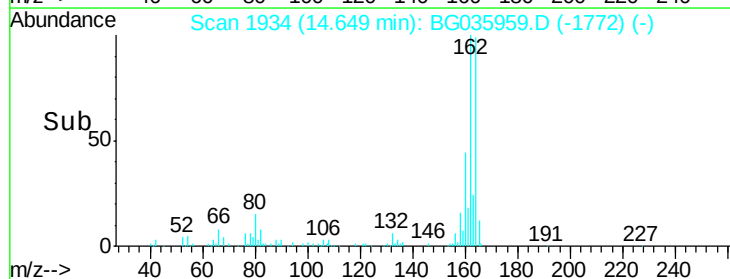
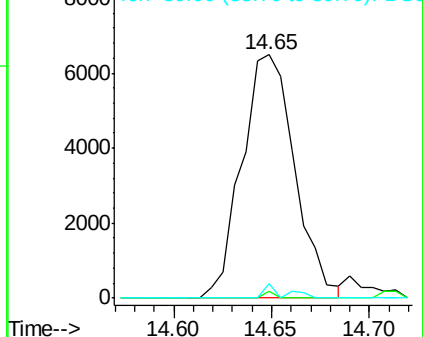


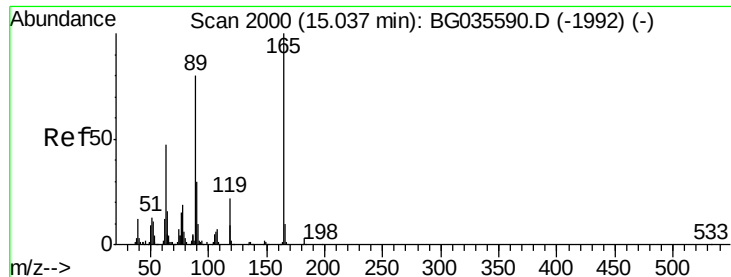
#50
 2,6-Dinitrotoluene
 Concen: 7.188 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG0355959.D
 Acq: 28 Jul 2018 5:46

Tgt Ion:	165	Resp:	12173
Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	6.0	49.2	73.8#



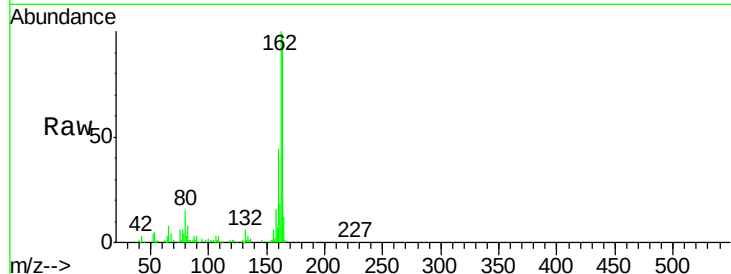
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





#56
 2,4-Dinitrotoluene
 Concen: 5.011 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035959.D
 Acq: 28 Jul 2018 5:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	6.0	66.9	100.3#
182	0.0	2.6	3.8#

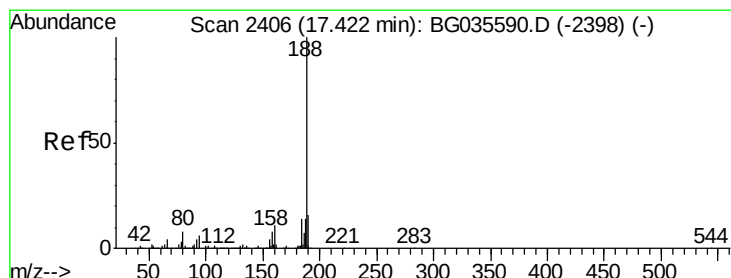
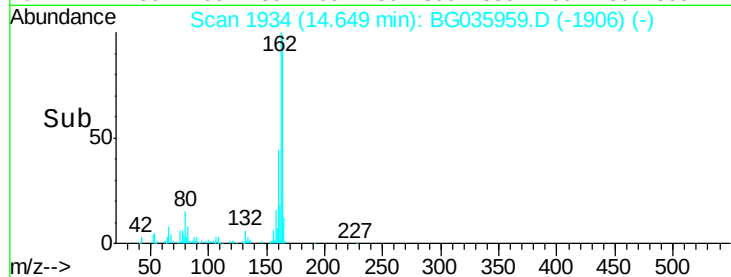
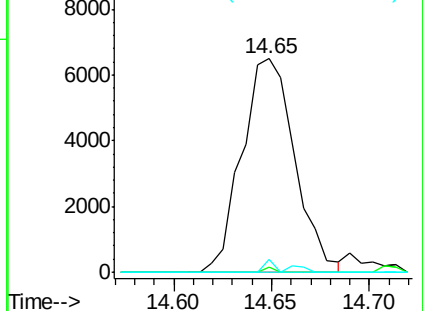


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

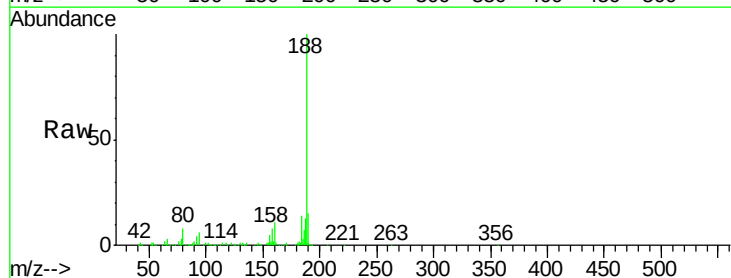
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035959.D
 Acq: 28 Jul 2018 5:46

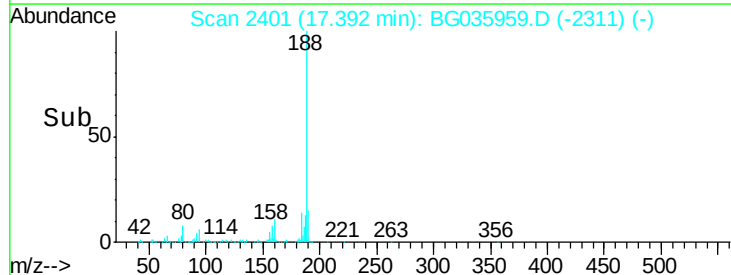
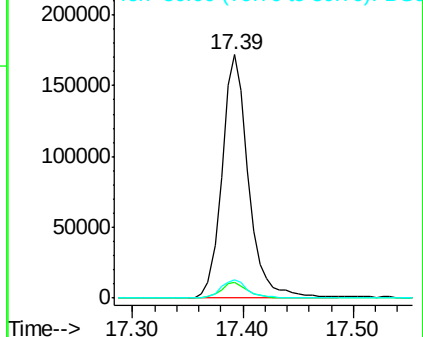
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.7	7.7	11.5

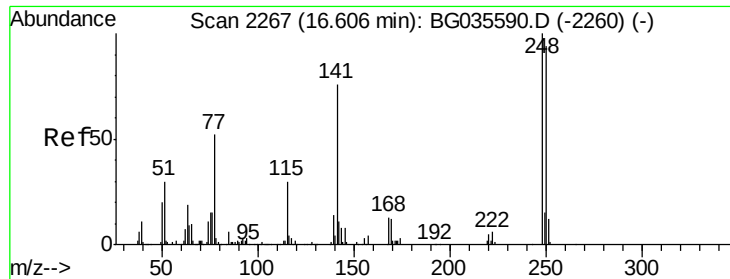


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

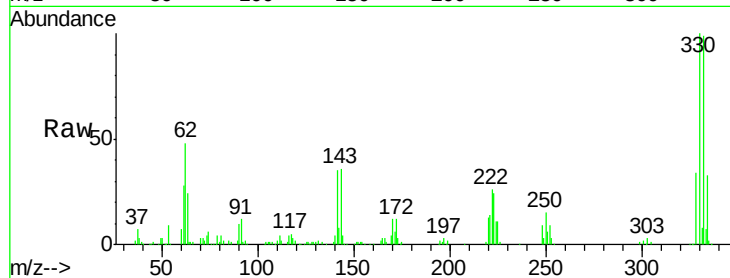
Ion 80.00 (79.70 to 80.70): BGC



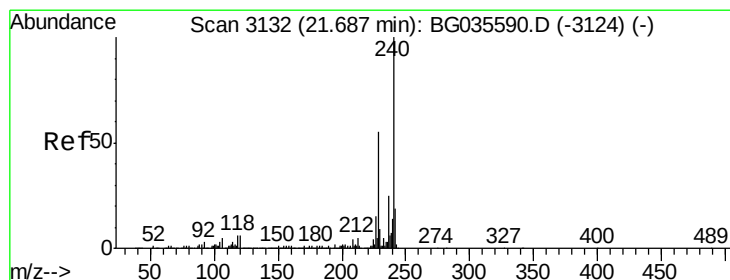
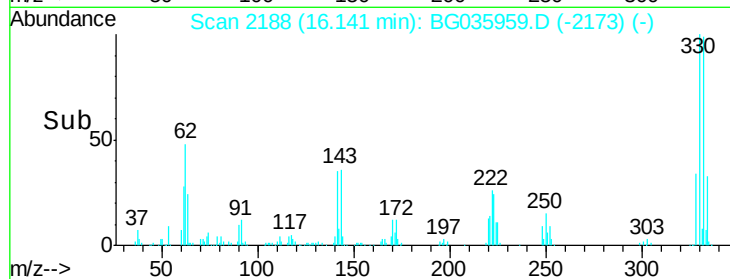
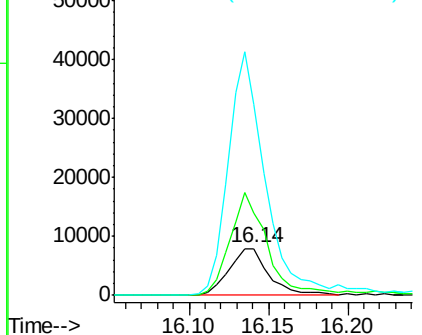


#66
 4-Bromophenyl-phenylether
 Concen: 4.165 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.44 min
 Lab File: BG0355959.D
 Acq: 28 Jul 2018 5:46

Tgt Ion: 248 Resp: 13889
 Ion Ratio Lower Upper
 248 100
 250 176.8 77.1 115.7#
 141 409.5 50.8 76.2#

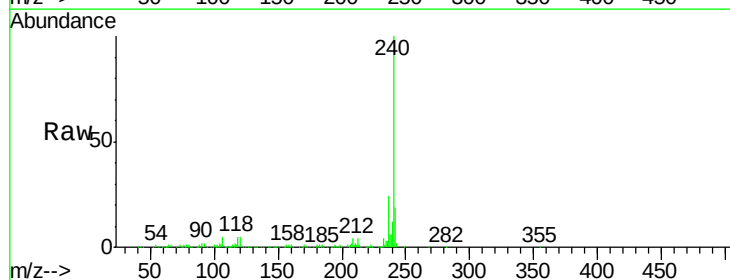


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

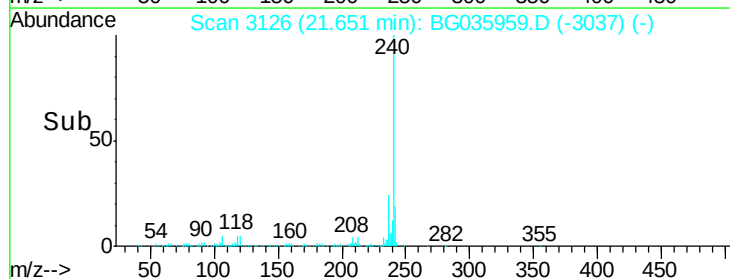
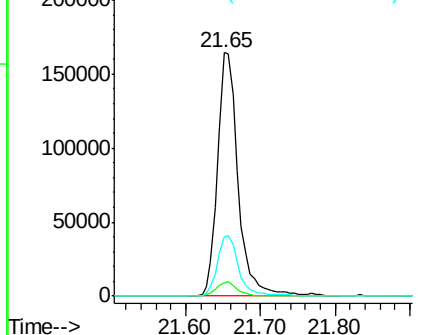


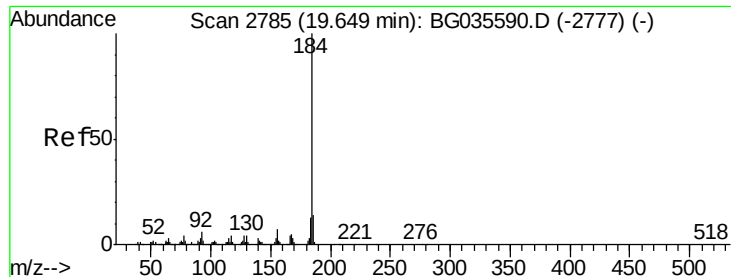
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG0355959.D
 Acq: 28 Jul 2018 5:46

Tgt Ion: 240 Resp: 314963
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 24.4 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: 2.768 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG0355959.D

Acq: 28 Jul 2018 5:46

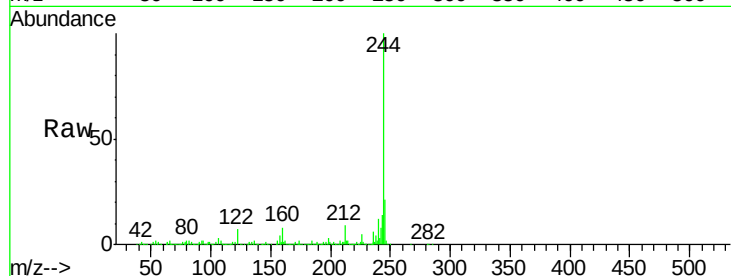
Tgt Ion:184 Resp: 22923

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

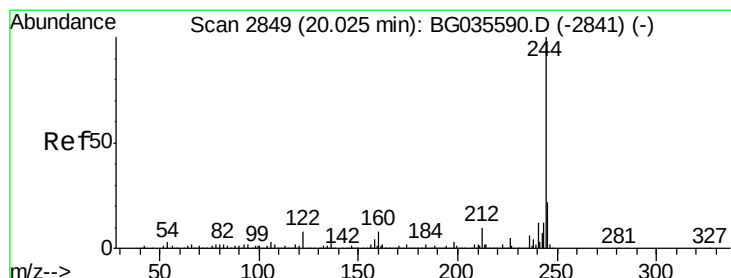
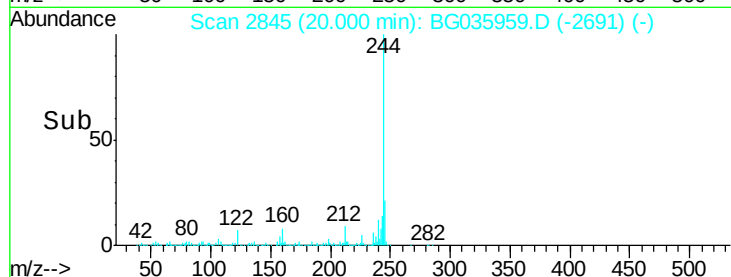
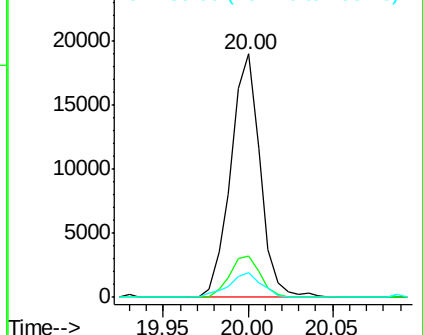
183 10.0 10.6 16.0#



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: 96.231 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG0355959.D

Acq: 28 Jul 2018 5:46

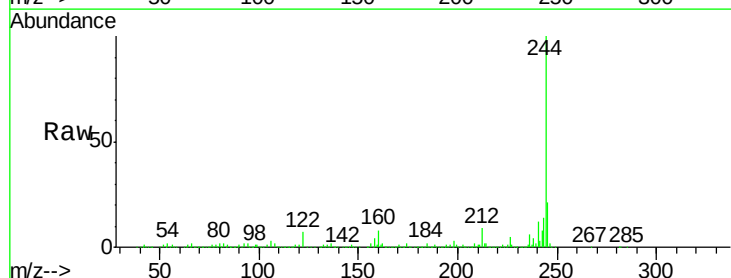
Tgt Ion:244 Resp: 1374997

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

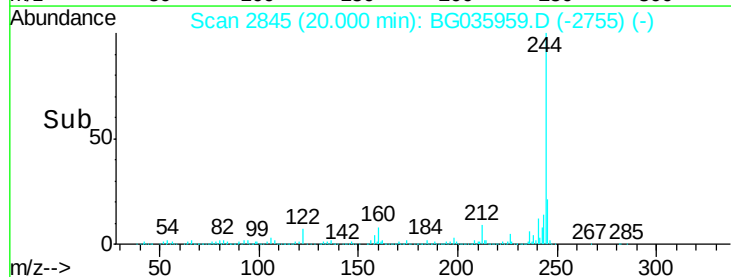
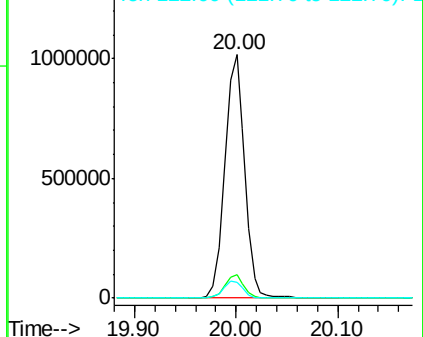
122 6.7 7.0 10.4#

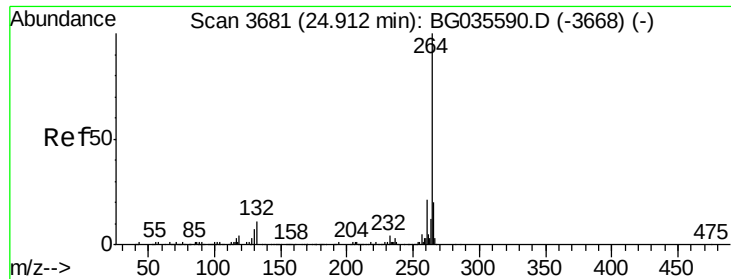


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

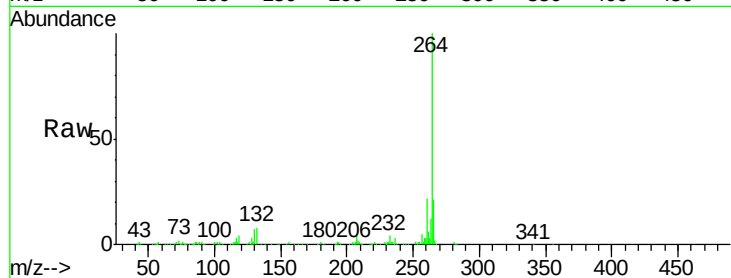
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG035959.D
Acq: 28 Jul 2018 5:46

Tgt Ion:	264	Resp:	284572
Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.0	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

