

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035964.D
 Acq On : 28 Jul 2018 9:01
 Operator : JU/SJ
 Sample : J4177-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

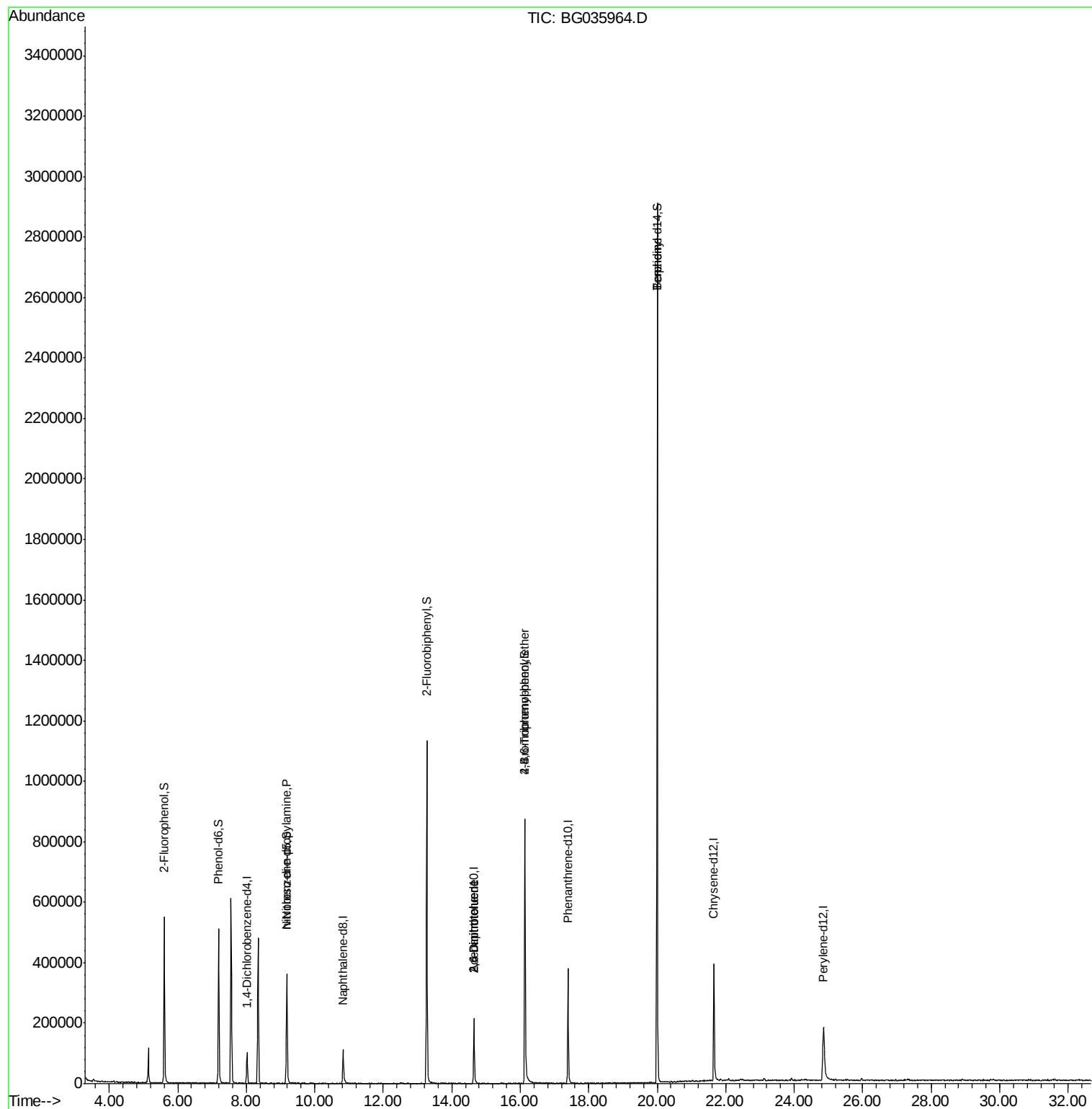
Quant Time: Jul 30 00:37:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29158	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	112392	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	86255	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	267146	20.00	ng	0.00
75) Chrysene-d12	21.65	240	296340	20.00	ng	0.00
86) Perylene-d12	24.85	264	265179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	247158	140.73	ng	0.00
7) Phenol-d6	7.19	99	332950	127.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	256261	95.25	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	181013	159.22	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	652777	101.39	ng	0.00
78) Terphenyl-d14	20.00	244	1428938	106.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	36831	16.692	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	11533	7.494	ng	# 21
56) 2,4-Dinitrotoluene	14.65	165	11534	5.224	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	14126	4.558	ng	# 1
76) Benzidine	19.99	184	24588	3.156	ng	# 87

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

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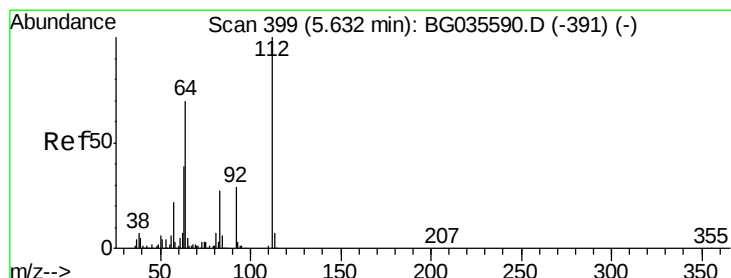
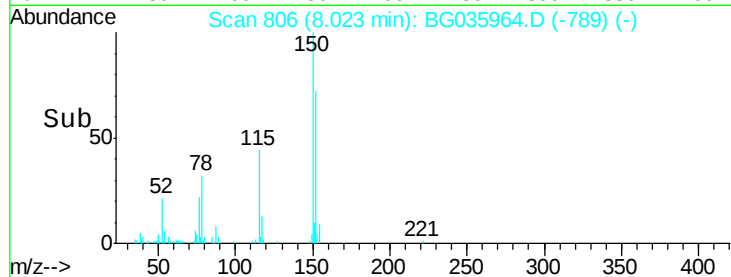
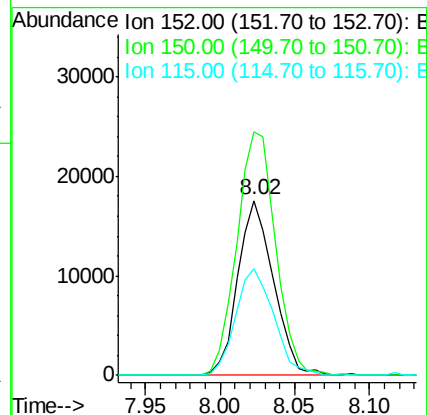
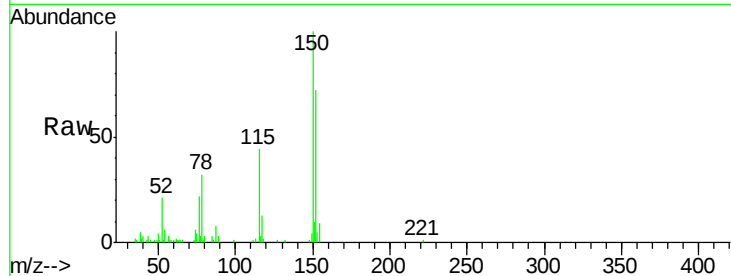




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

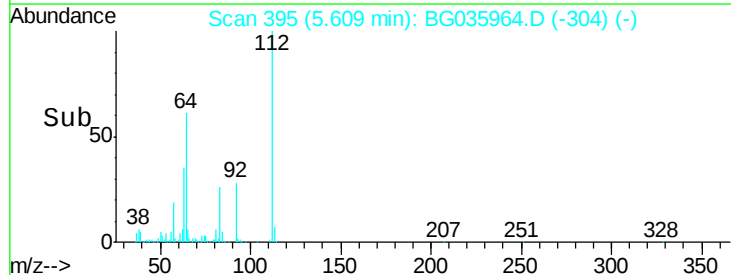
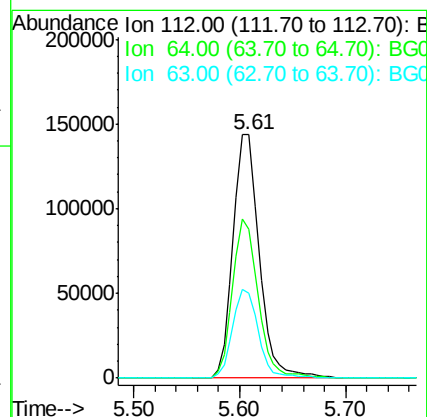
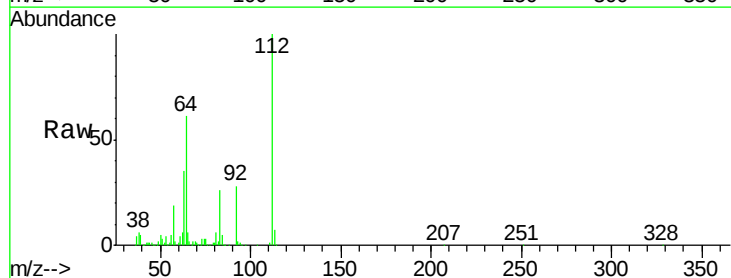
Tgt Ion	Ratio	Lower	Upper
152	100		
150	139.3	126.6	189.8
115	61.4	53.0	79.4



#5

2-Fluorophenol
Concen: 140.730 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.3	84.5
63	34.6	30.1	45.1





#7

Phenol-d6

Concen: 127.065 ng

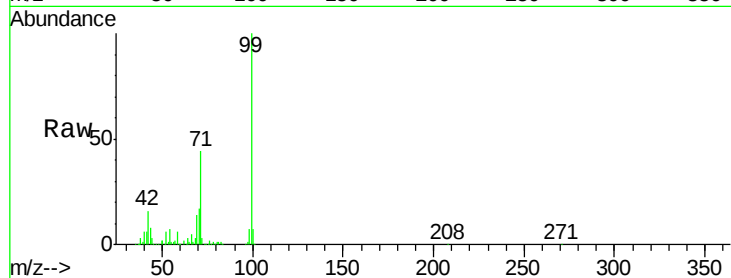
RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

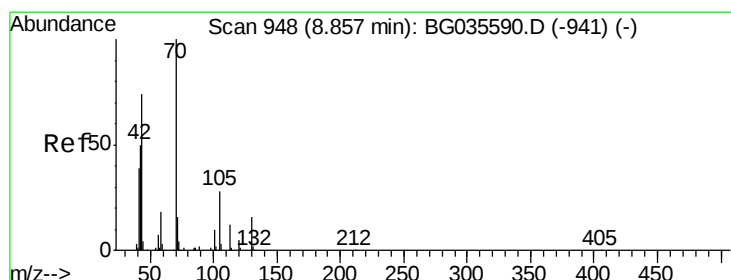
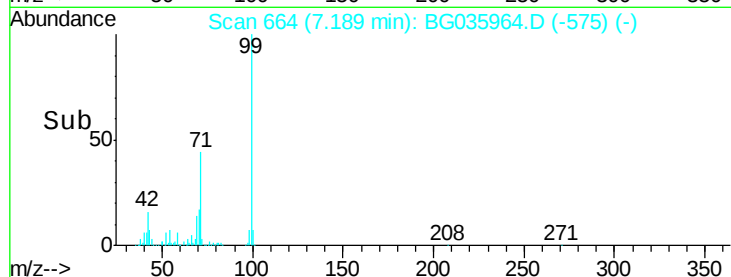
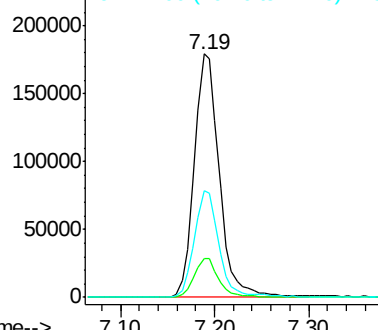
Lab File: BG035964.D

Acq: 28 Jul 2018 9:01

Tgt Ion:	99	Resp:	332950
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.1	21.1
71	43.7	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



#19

n-Nitroso-di-n-propylamine

Concen: 16.692 ng

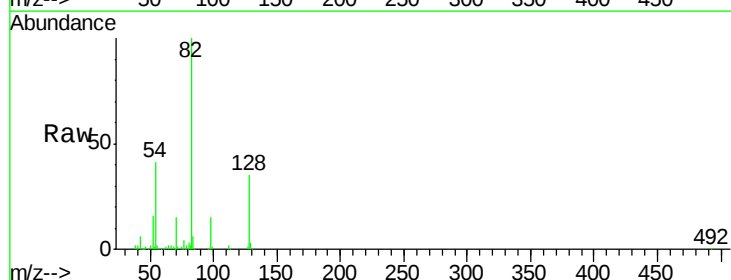
RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

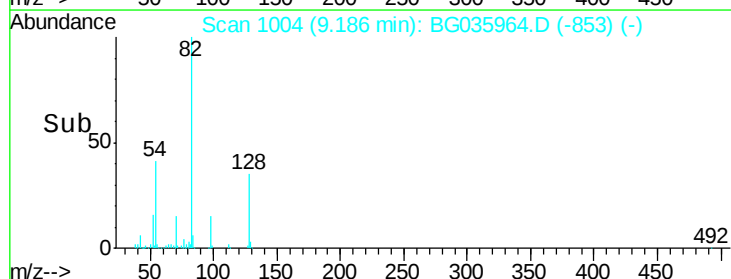
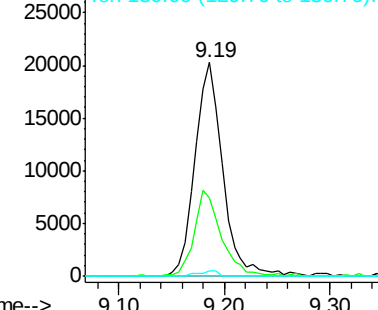
Lab File: BG035964.D

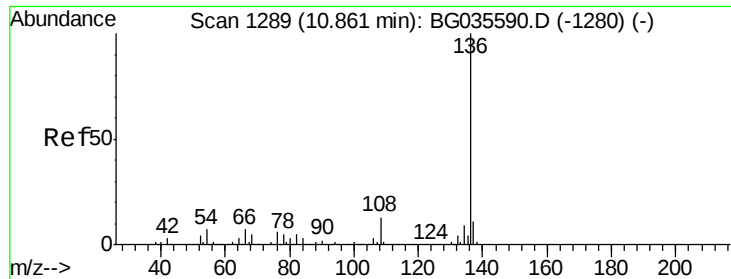
Acq: 28 Jul 2018 9:01

Tgt Ion:	70	Resp:	36831
Ion	Ratio	Lower	Upper
70	100		
42	36.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



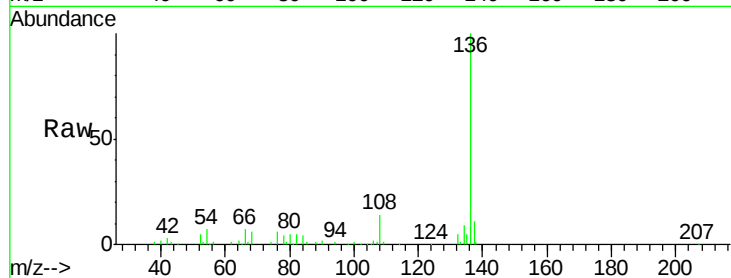
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



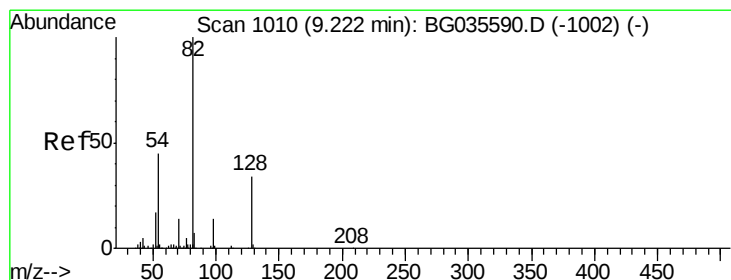
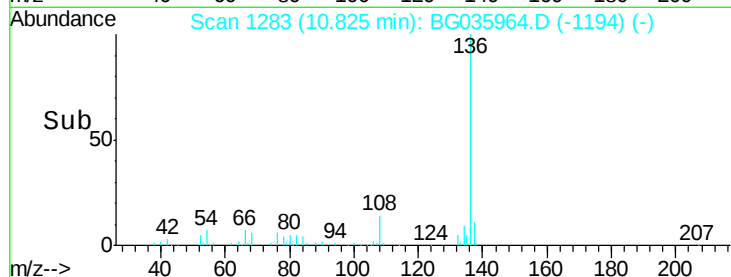
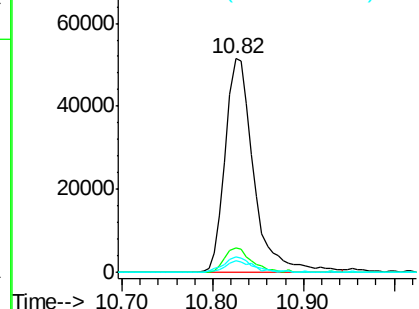


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion: 136	Resp: 112392
Ion Ratio	Lower Upper
136 100	
137 11.4	9.2 13.8
54 7.4	10.3 15.5#
68 5.7	4.5 6.7

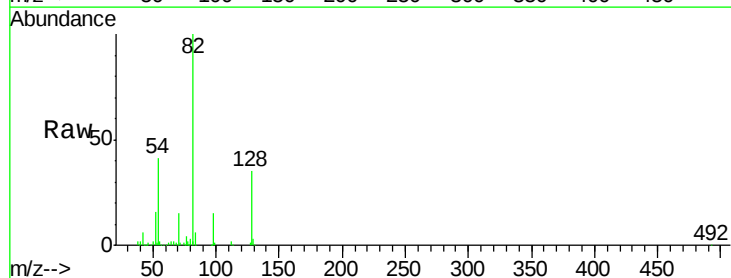


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

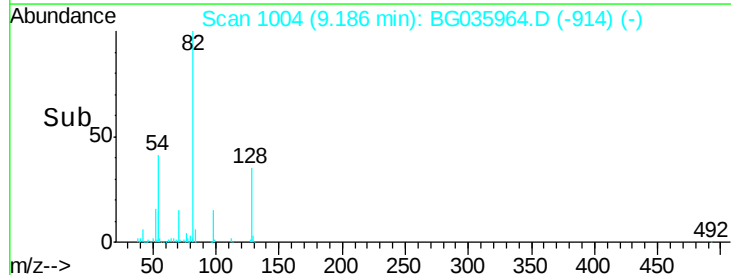
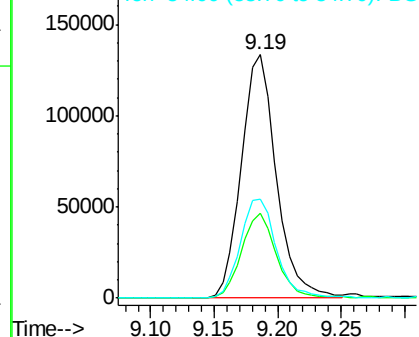


#23
Nitrobenzene-d5
Concen: 95.249 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion: 82	Resp: 256261
Ion Ratio	Lower Upper
82 100	
128 34.9	29.7 44.5
54 40.6	43.1 64.7#



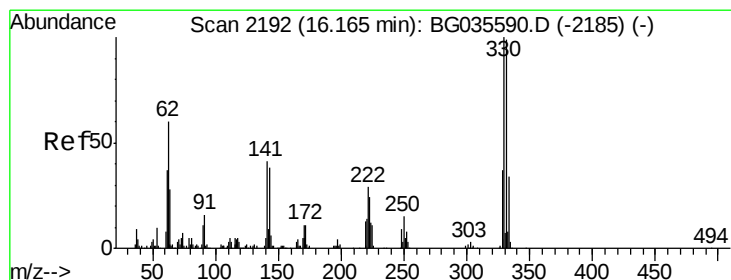
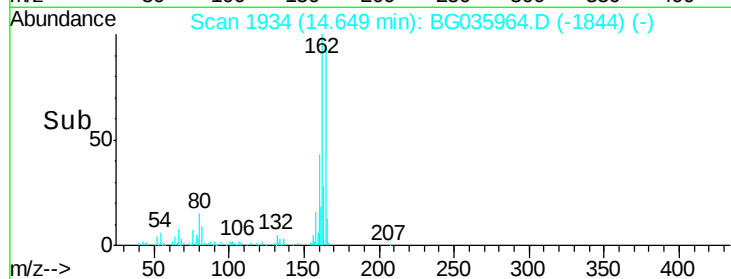
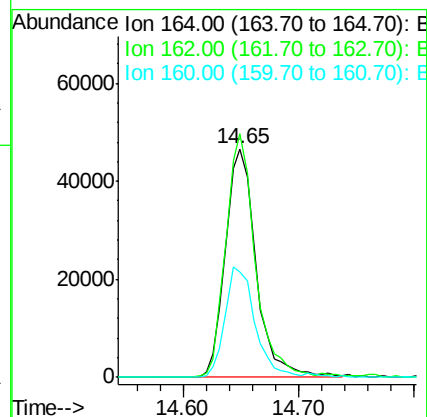
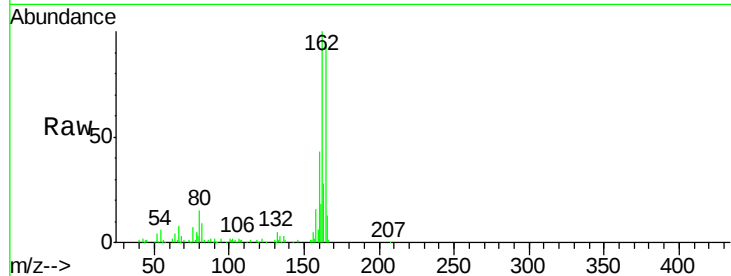
Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





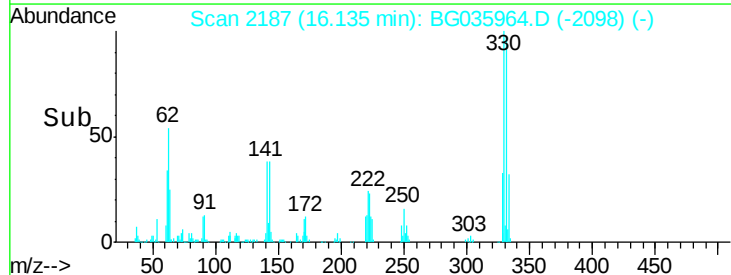
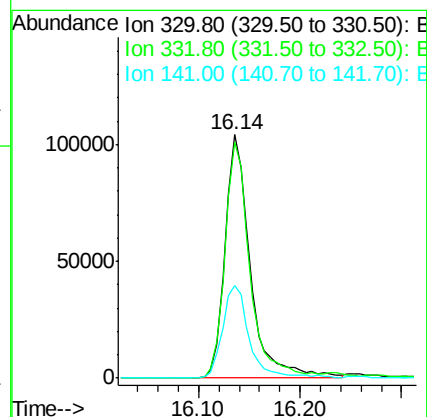
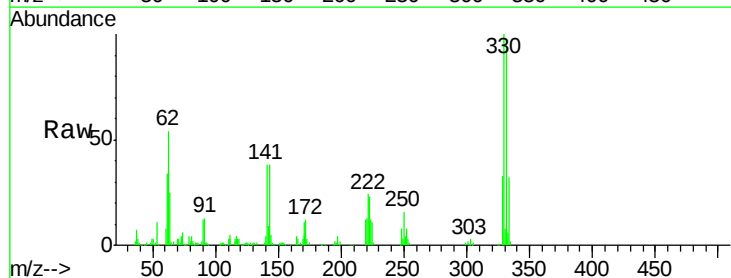
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

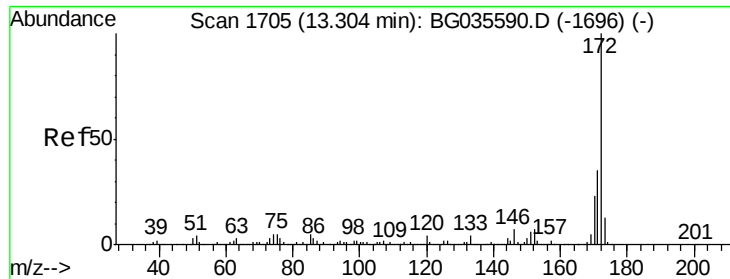
Tgt Ion:164 Resp: 86255
Ion Ratio Lower Upper
164 100
162 106.6 78.8 118.2
160 46.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 159.217 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

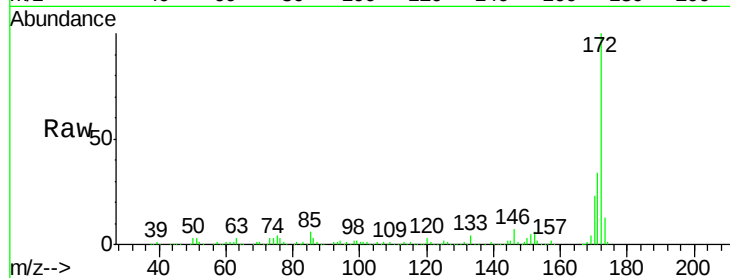
Tgt Ion:330 Resp: 181013
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 39.5 25.2 37.8#



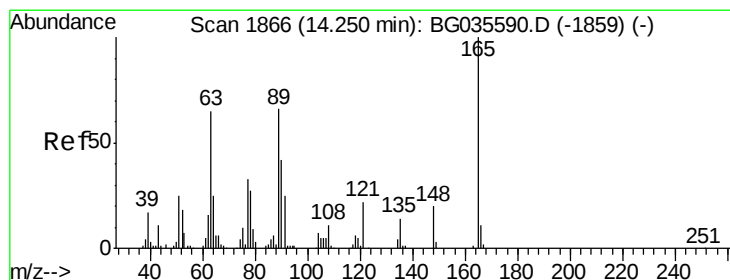
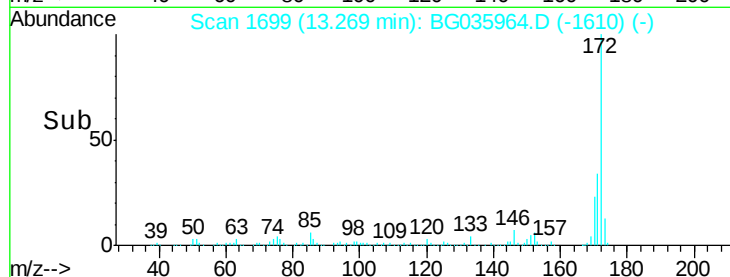
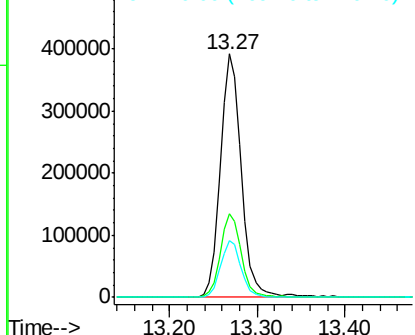


#44
 2-Fluorobiphenyl
 Concen: 101.391 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035964.D
 Acq: 28 Jul 2018 9:01

Tgt Ion:	172	Resp:	652777
Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.3	19.5	29.3

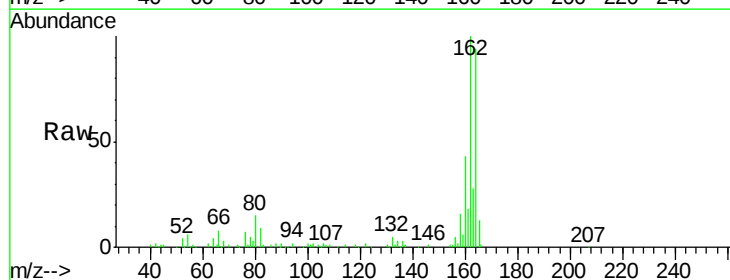


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

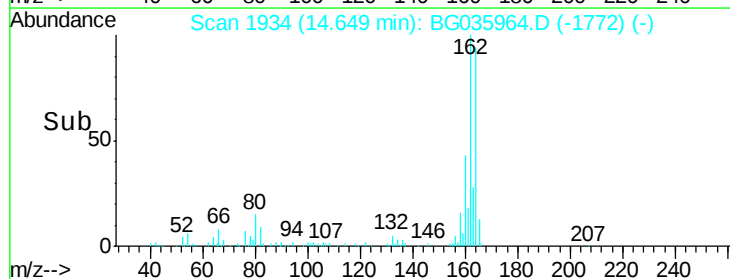
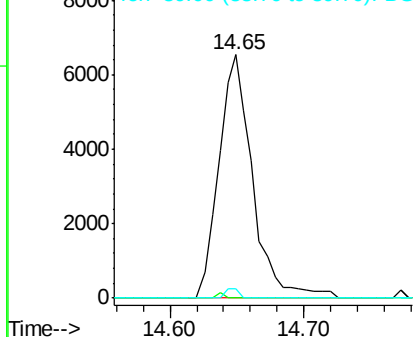


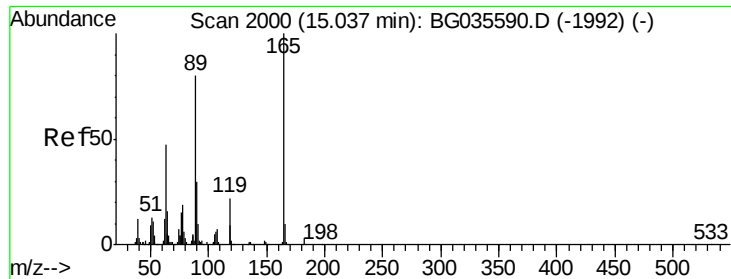
#50
 2,6-Dinitrotoluene
 Concen: 7.494 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035964.D
 Acq: 28 Jul 2018 9:01

Tgt Ion:	165	Resp:	11533
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.6	49.2	73.8#



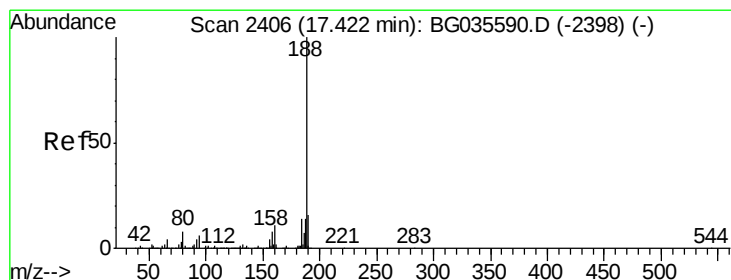
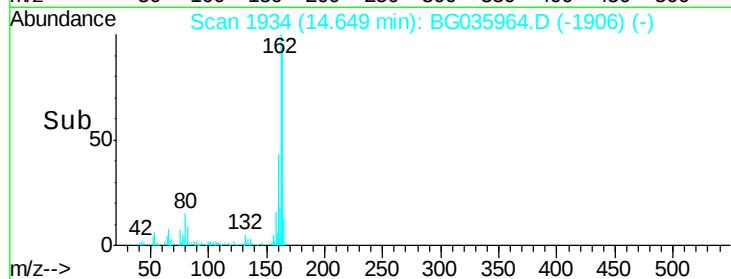
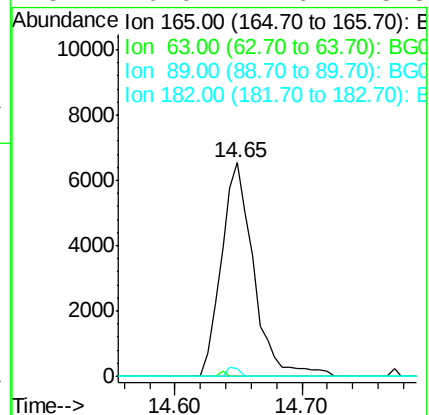
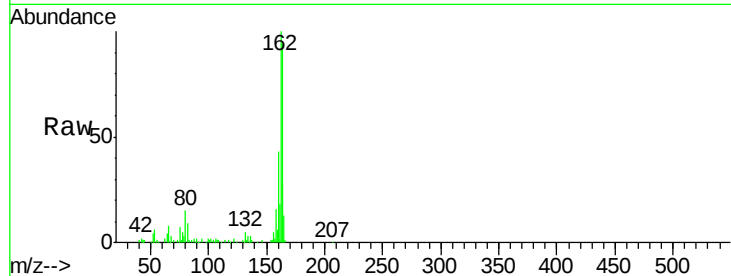
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





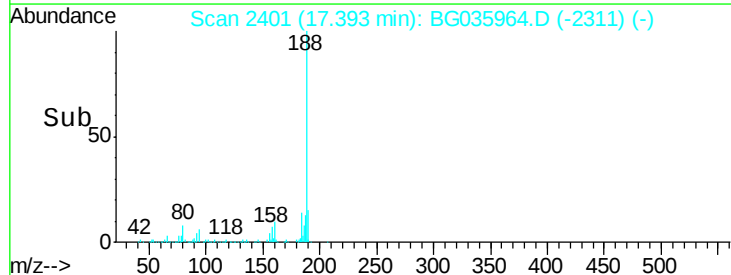
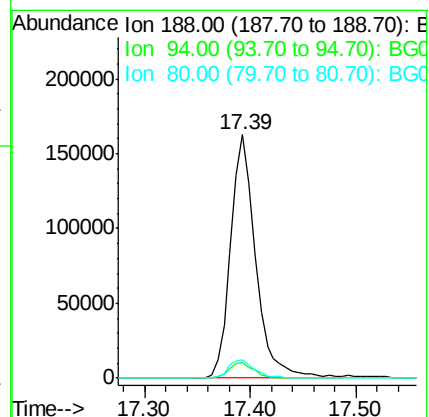
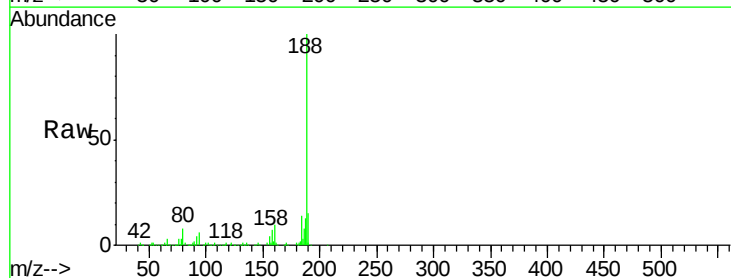
#56
2,4-Dinitrotoluene
Concen: 5.224 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

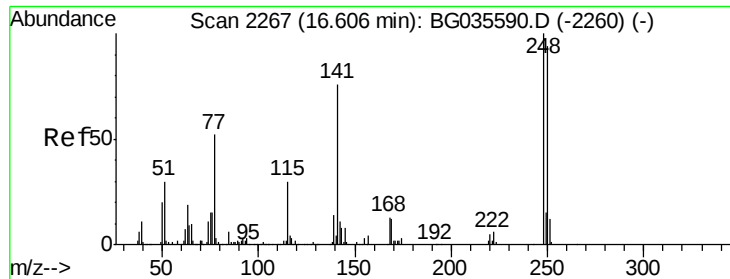
Tgt Ion:	165	Resp:	11534
Ion Ratio	Lower	Upper	
165	100		
63	0.0	42.0	63.0#
89	3.6	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

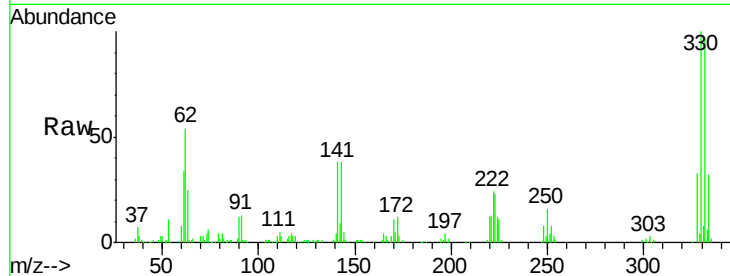
Tgt Ion:	188	Resp:	267146
Ion Ratio	Lower	Upper	
188	100		
94	6.4	6.9	10.3#
80	7.6	7.7	11.5#



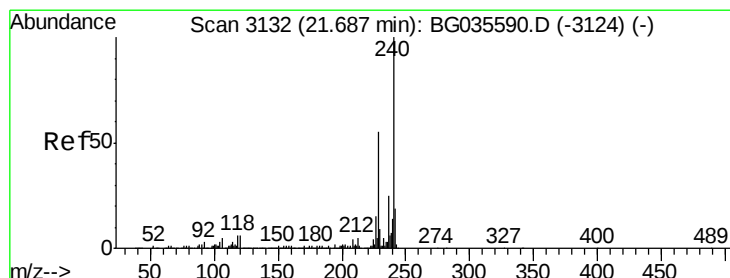
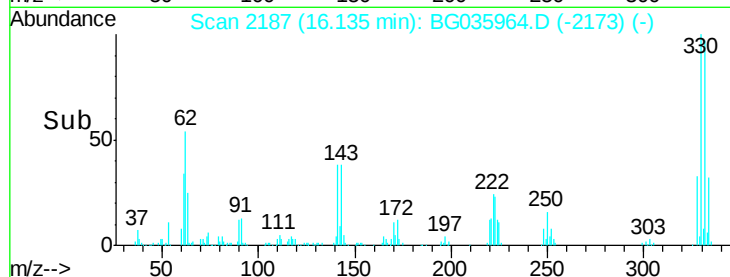
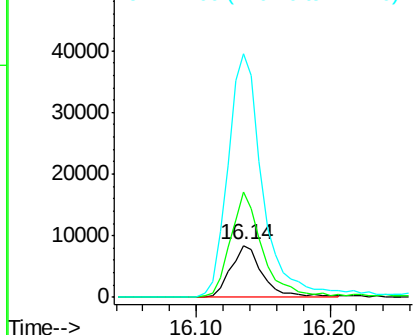


#66
 4-Bromophenyl-phenylether
 Concen: 4.558 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035964.D
 Acq: 28 Jul 2018 9:01

Tgt Ion:248 Resp: 14126
 Ion Ratio Lower Upper
 248 100
 250 201.5 77.1 115.7#
 141 467.0 50.8 76.2#

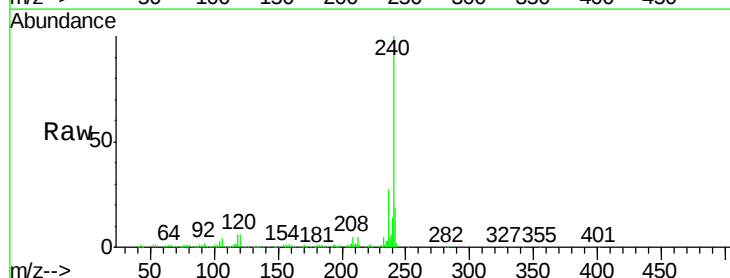


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

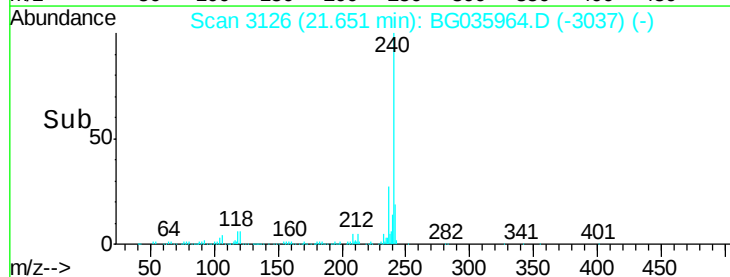
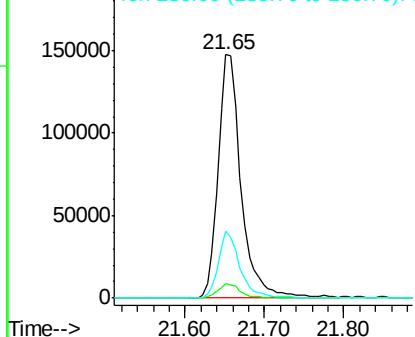


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG035964.D
 Acq: 28 Jul 2018 9:01

Tgt Ion:240 Resp: 296340
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 27.3 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: 3.156 ng

RT: 19.99 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG035964.D

Acq: 28 Jul 2018 9:01

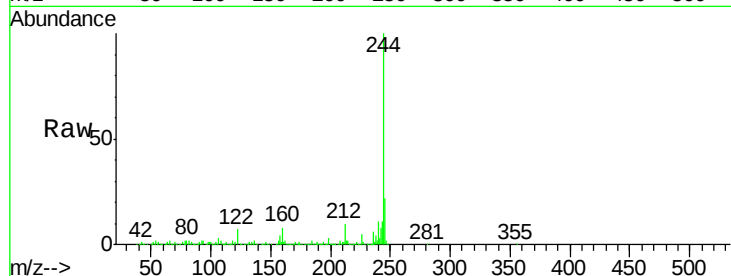
Tgt Ion:184 Resp: 24588

Ion Ratio Lower Upper

184 100

185 19.0 11.1 16.7#

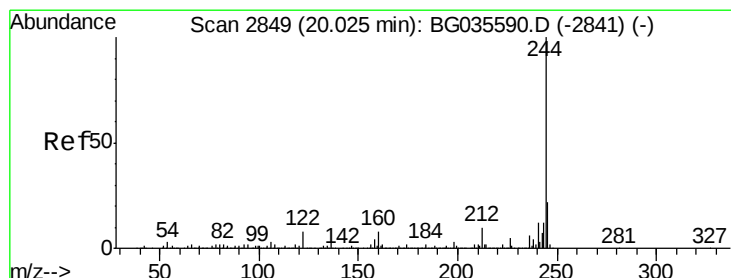
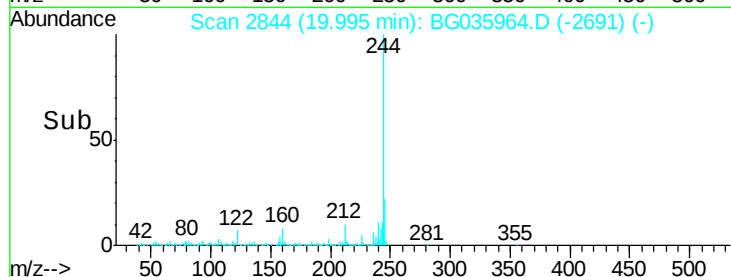
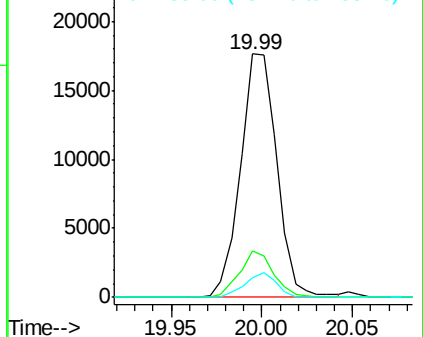
183 8.1 10.6 16.0#



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: 106.290 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035964.D

Acq: 28 Jul 2018 9:01

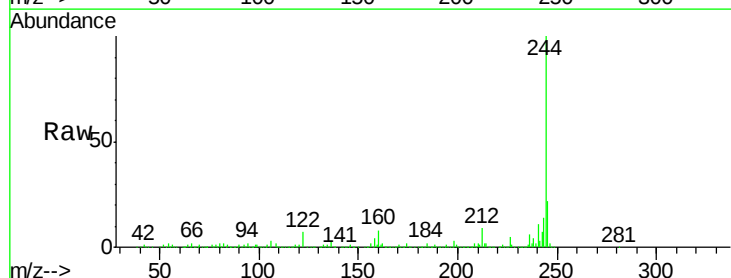
Tgt Ion:244 Resp: 1428938

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

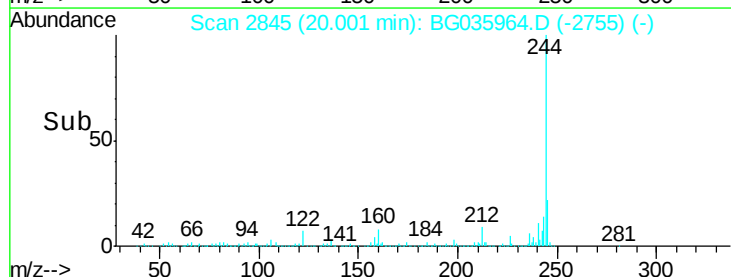
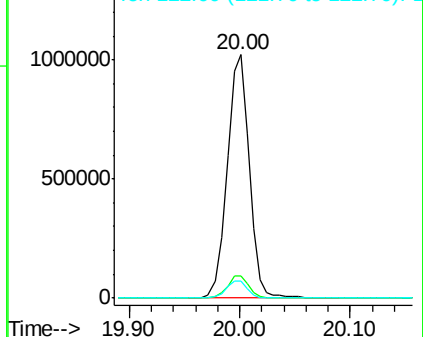
122 7.0 7.0 10.4

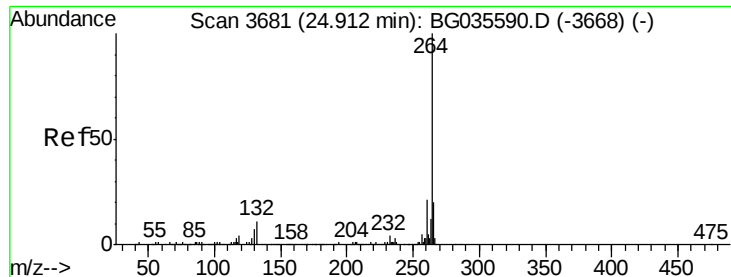


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

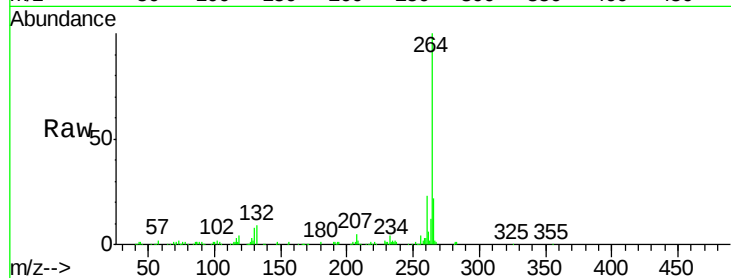
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion:	264	Resp:	265179
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.1	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

