

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035957.D
 Acq On : 28 Jul 2018 4:28
 Operator : JU/SJ
 Sample : J4180-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

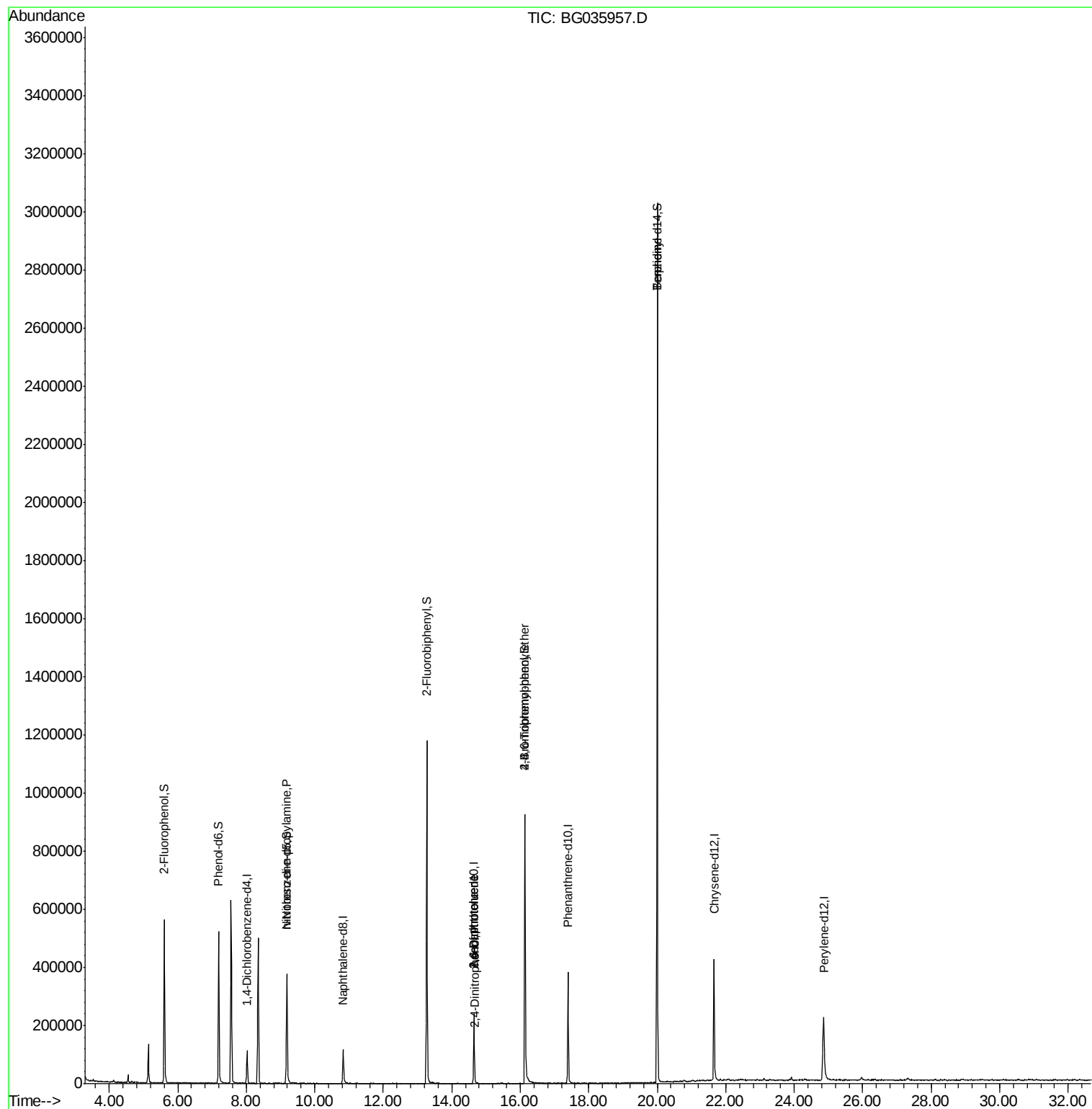
Quant Time: Jul 28 05:37:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

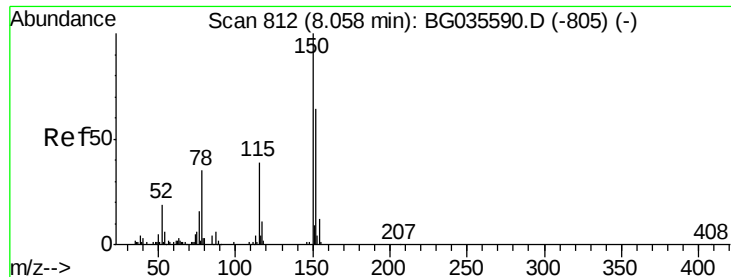
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32425	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115430	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	88069	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	271402	20.00	ng	0.00
75) Chrysene-d12	21.66	240	304537	20.00	ng	0.00
86) Perylene-d12	24.86	264	275895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	248004	126.98	ng	0.00
7) Phenol-d6	7.19	99	330389	113.38	ng	0.00
23) Nitrobenzene-d5	9.19	82	269659	97.59	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	190740	164.32	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	669558	101.86	ng	0.00
78) Terphenyl-d14	20.00	244	1435819	103.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	39003	15.895	ng	# 66
50) 2,6-Dinitrotoluene	14.65	165	11820	7.522	ng	# 23
53) 2,4-Dinitrophenol	14.68	184	68	6.659	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	11820	5.243	ng	# 20
66) 4-Bromophenyl-phenylether	16.14	248	15113	4.800	ng	# 1
76) Benzidine	20.00	184	24468	3.056	ng	# 83

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

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Quant Time: Jul 28 05:37:28 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

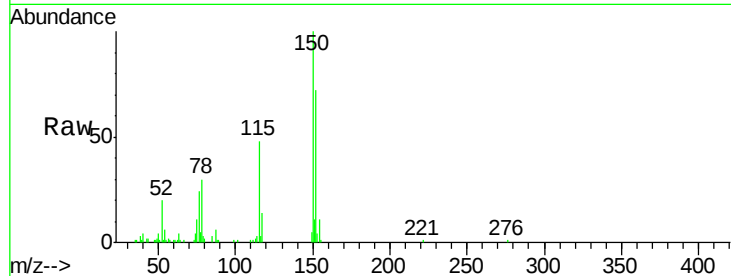




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	66.0	53.0	79.4

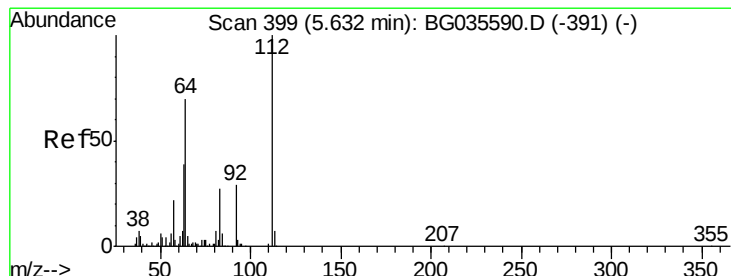
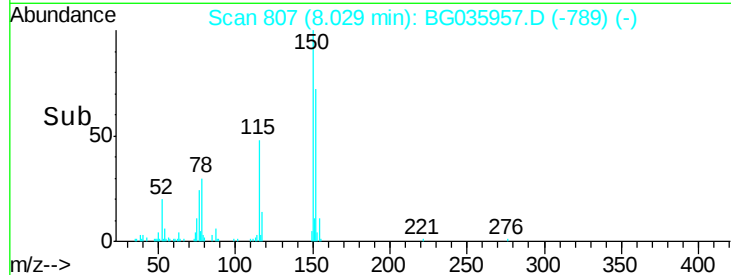
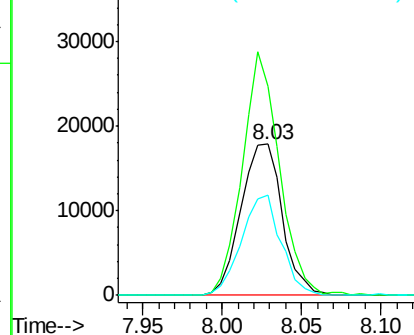


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

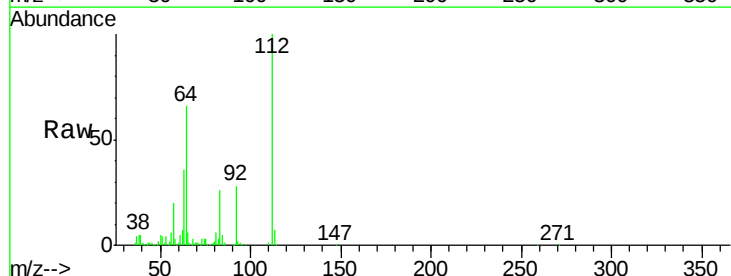
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.984 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.3	84.5
63	36.4	30.1	45.1

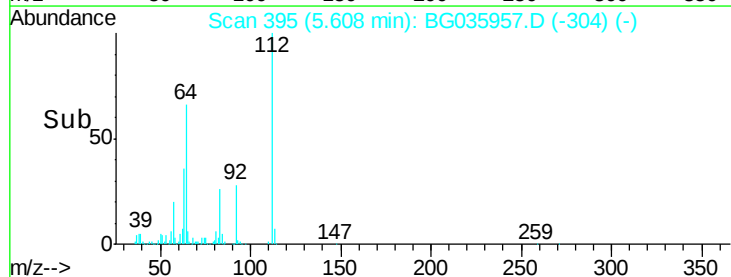
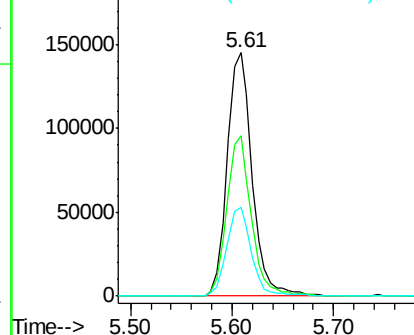


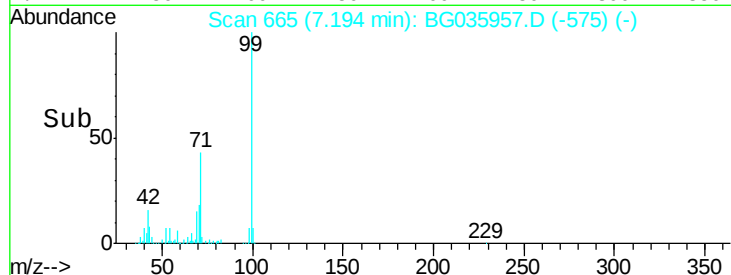
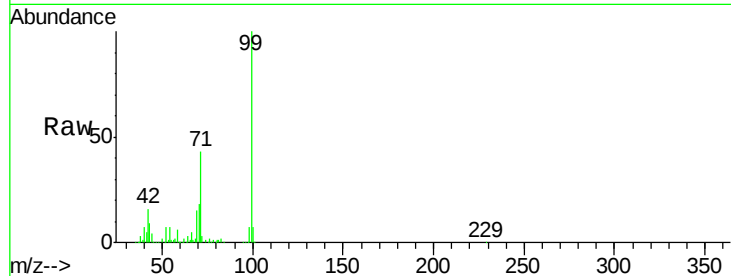
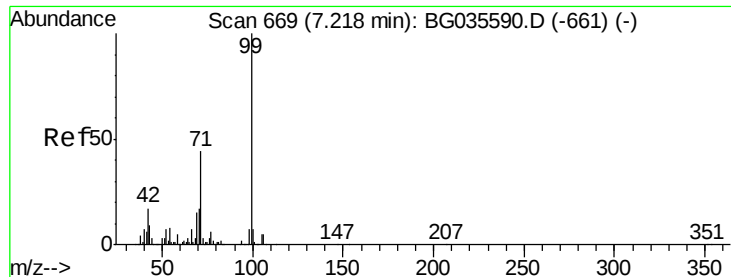
Abundance

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: 113.383 ng

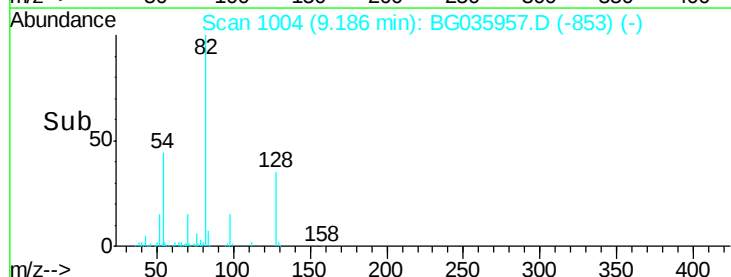
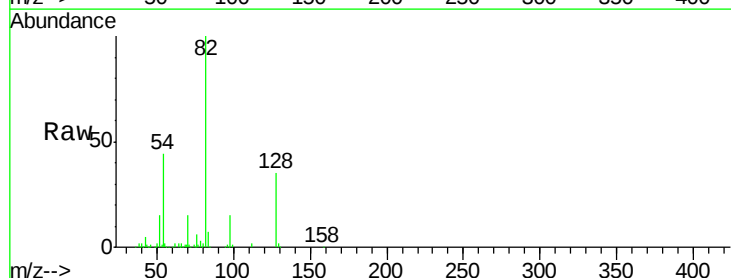
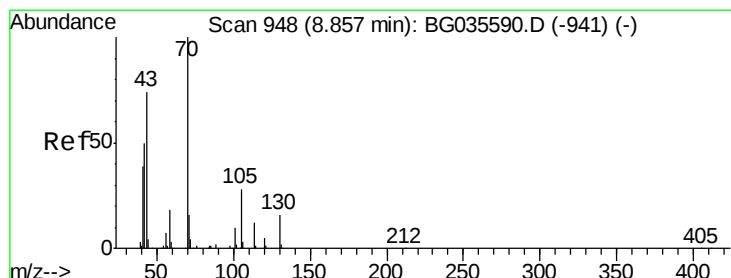
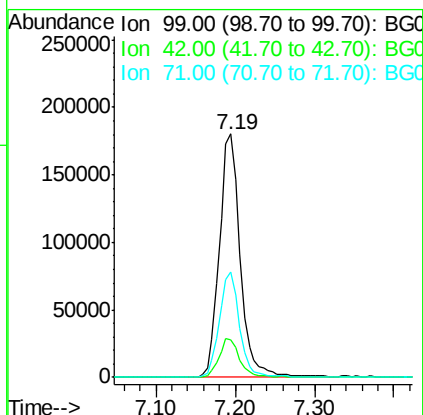
RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035957.D

Acq: 28 Jul 2018 4:28

Tgt Ion:	99	Resp:	330389
Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	43.2	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.895 ng

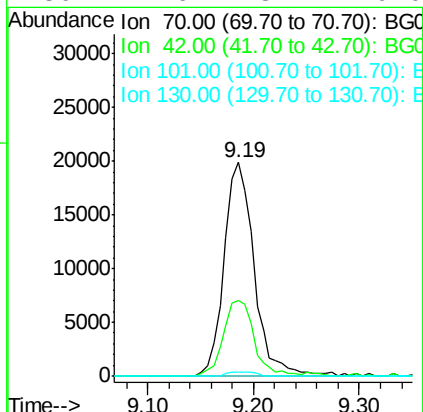
RT: 9.19 min Scan# 1004

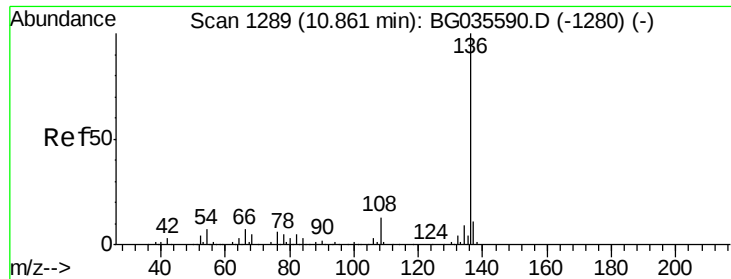
Delta R.T. 0.36 min

Lab File: BG035957.D

Acq: 28 Jul 2018 4:28

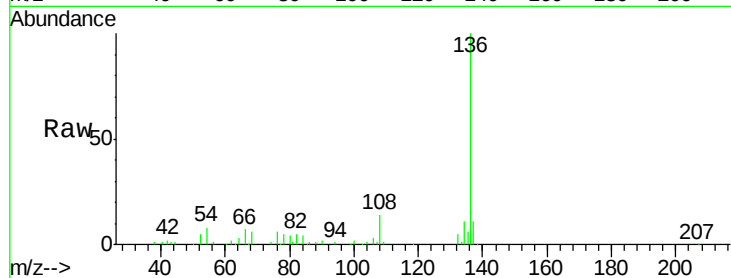
Tgt Ion:	70	Resp:	39003
Ion	Ratio	Lower	Upper
70	100		
42	35.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



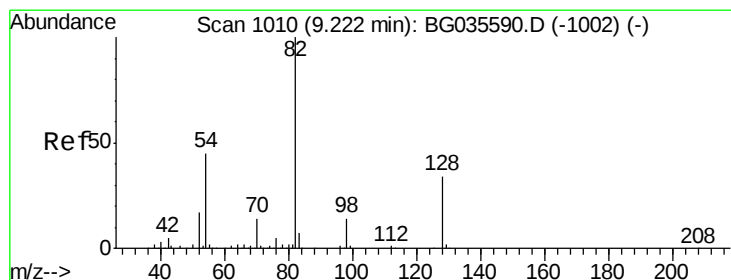
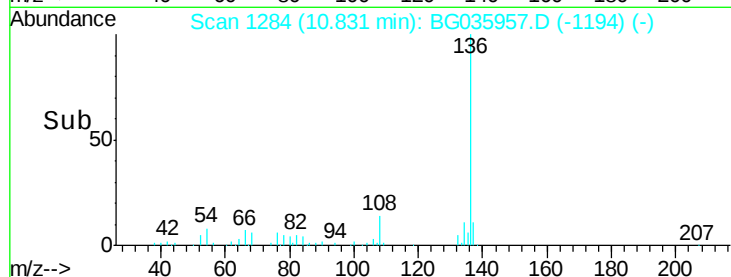
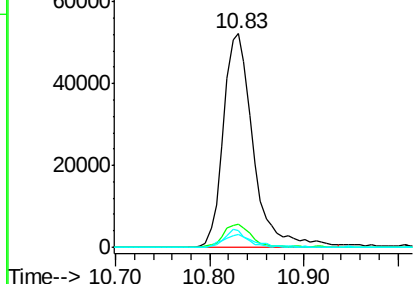


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:	136	Resp:	115430
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.0	10.3	15.5#
68	5.9	4.5	6.7

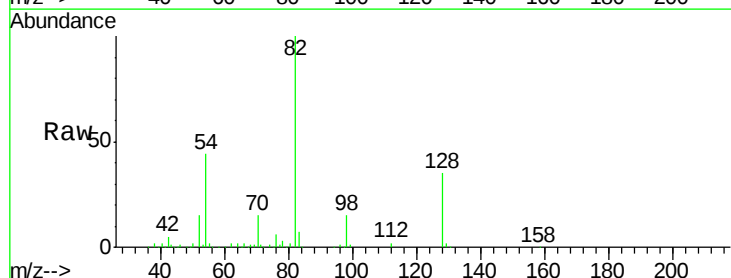


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

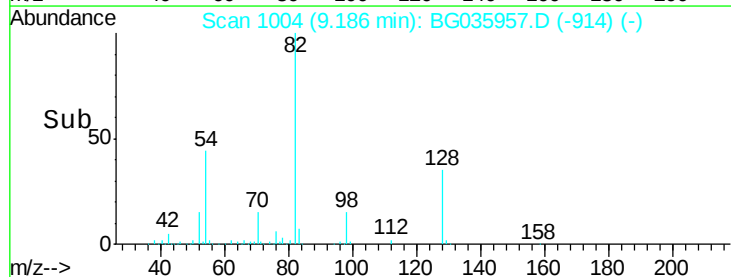
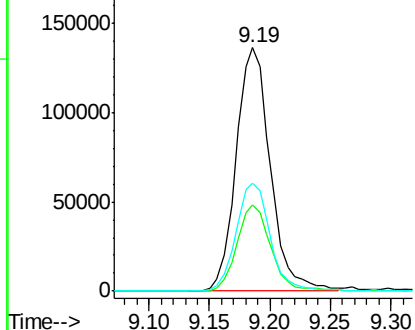


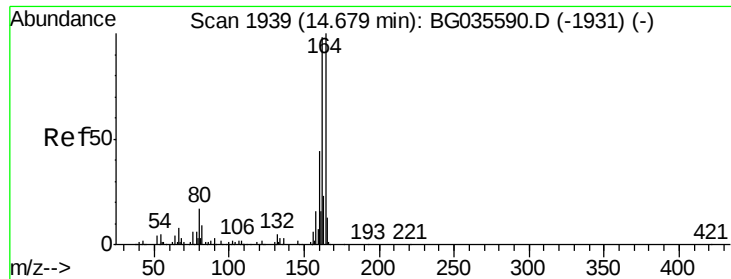
#23
Nitrobenzene-d5
Concen: 97.591 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:	82	Resp:	269659
Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	44.4	43.1	64.7



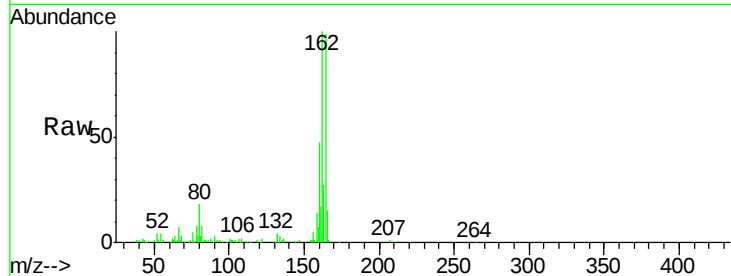
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



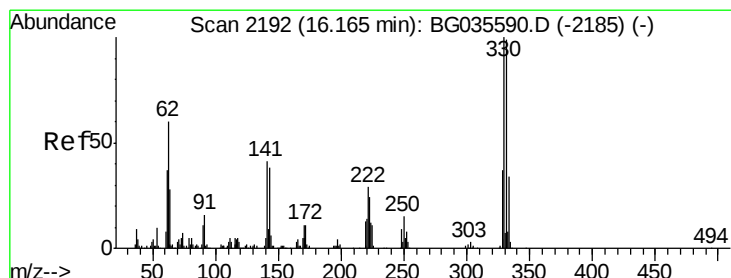
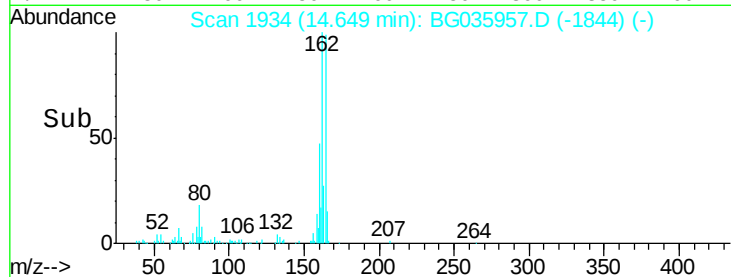
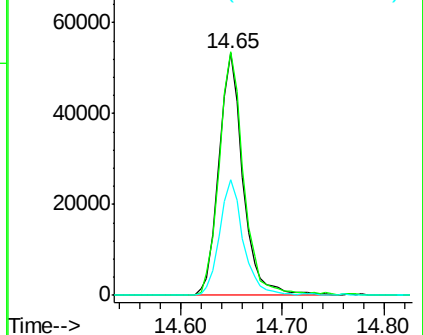


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:164 Resp: 88069
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 47.6 35.4 53.0

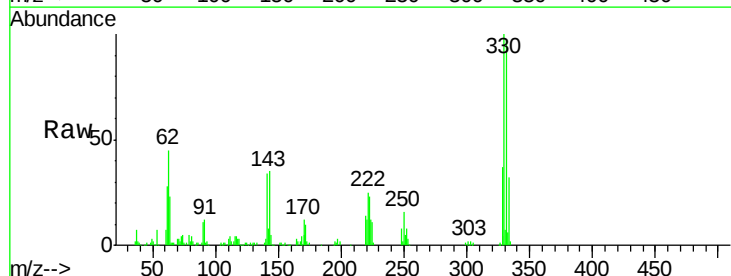


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

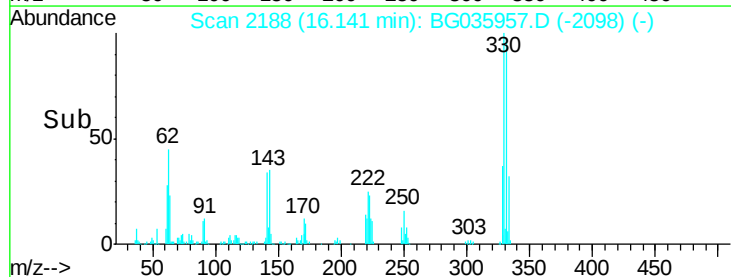
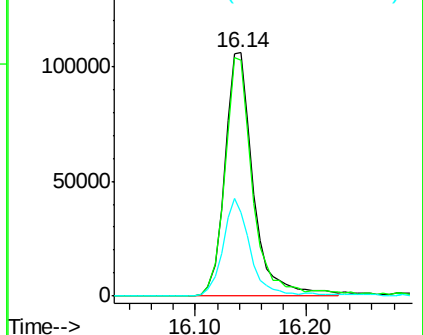


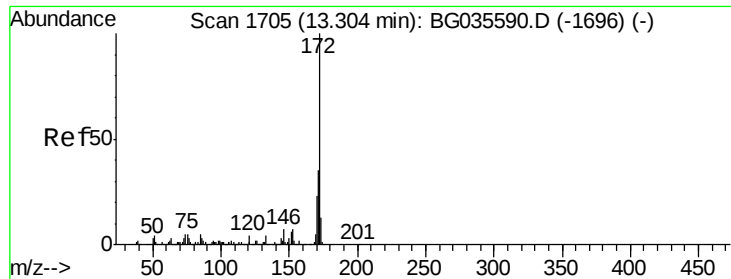
#41
2,4,6-Tribromophenol
Concen: 164.317 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:330 Resp: 190740
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 37.8 25.2 37.8#



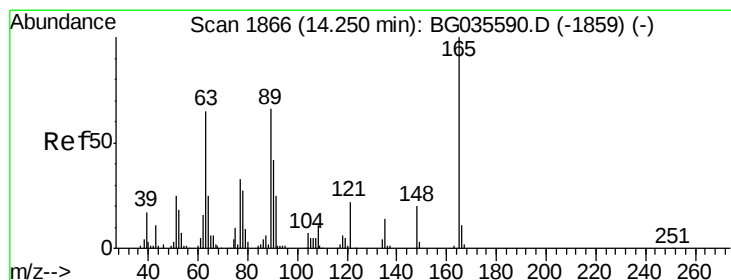
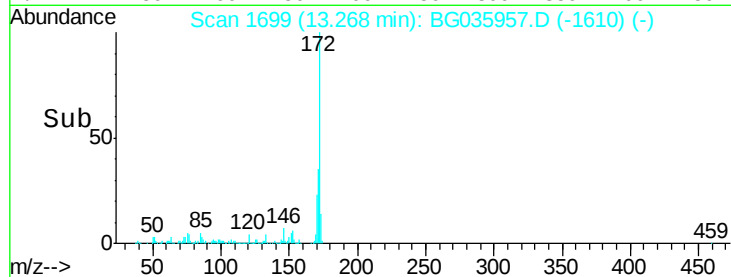
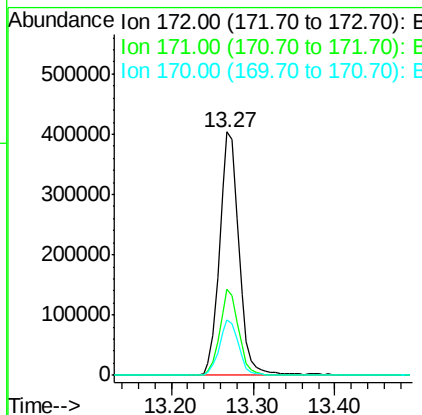
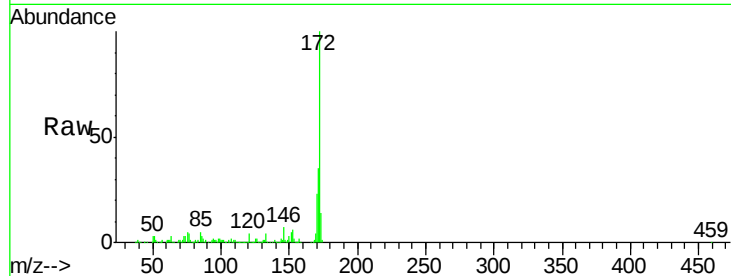
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





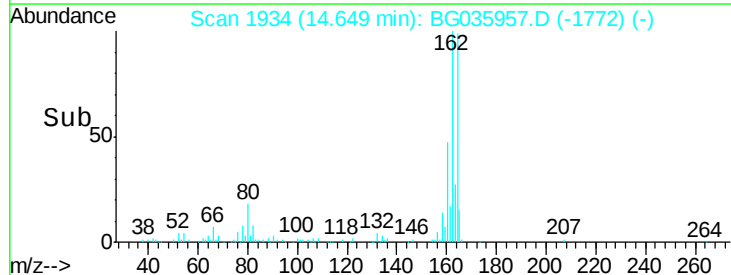
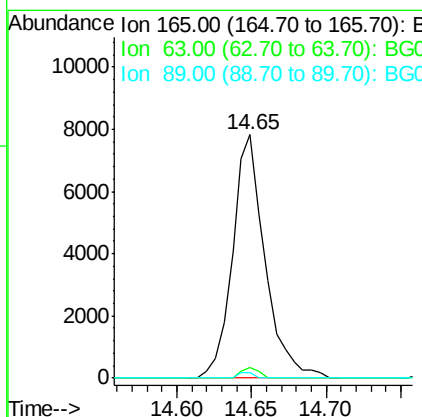
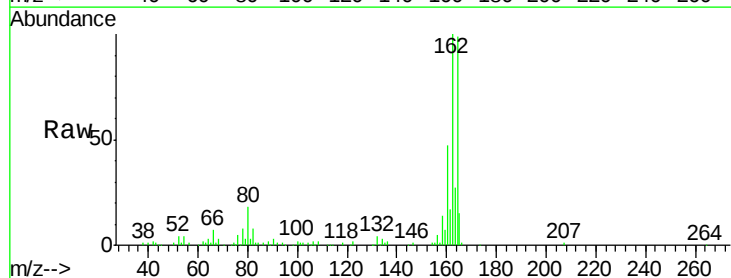
#44
 2-Fluorobiphenyl
 Concen: 101.856 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035957.D
 Acq: 28 Jul 2018 4:28

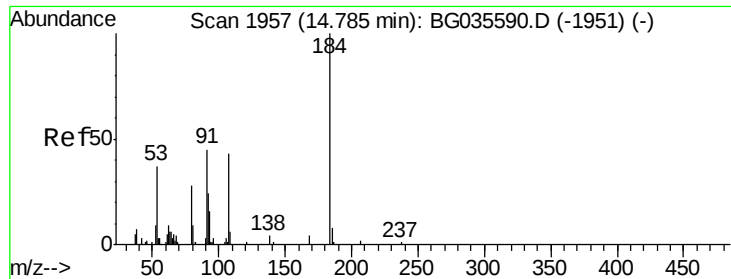
Tgt Ion:172 Resp: 669558
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.522 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035957.D
 Acq: 28 Jul 2018 4:28

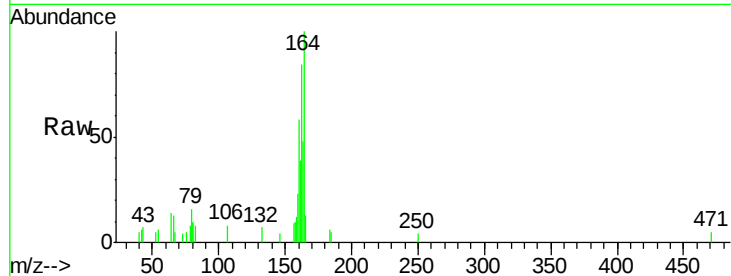
Tgt Ion:165 Resp: 11820
 Ion Ratio Lower Upper
 165 100
 63 4.2 52.7 79.1#
 89 2.3 49.2 73.8#



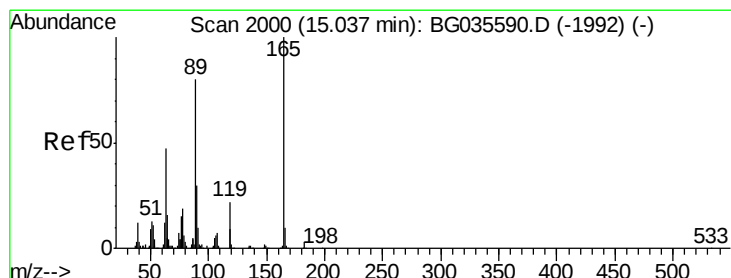
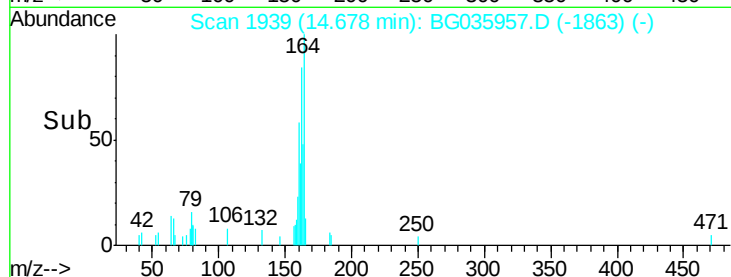
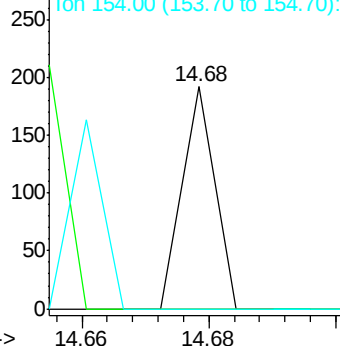


#53
 2,4-Dinitrophenol
 Concen: 6.659 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.08 min
 Lab File: BG035957.D
 Acq: 28 Jul 2018 4:28

Tgt Ion:184 Resp: 68
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

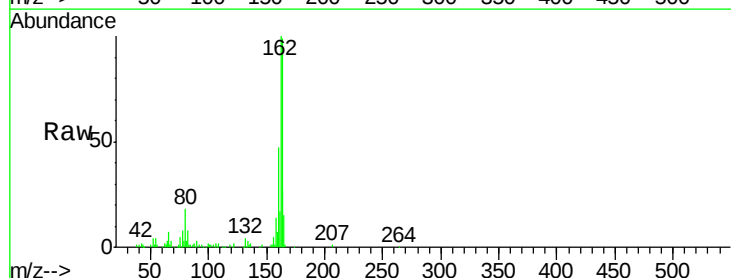


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

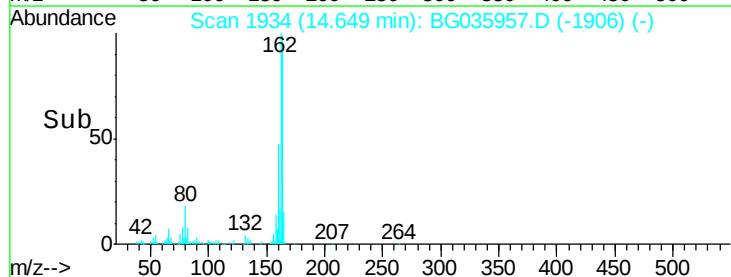
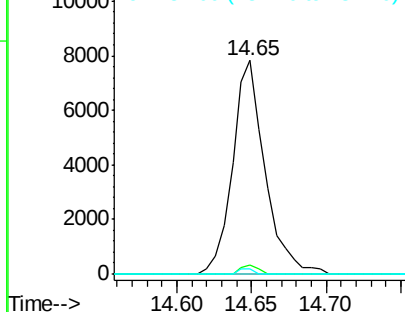


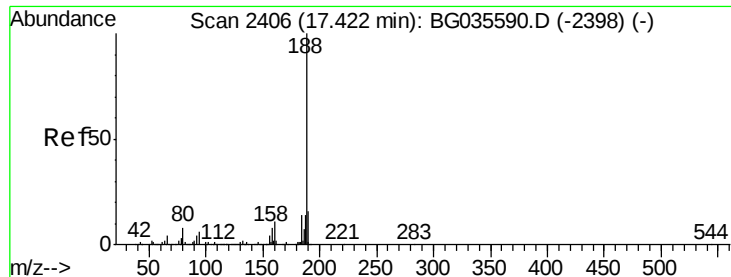
#56
 2,4-Dinitrotoluene
 Concen: 5.243 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035957.D
 Acq: 28 Jul 2018 4:28

Tgt Ion:165 Resp: 11820
 Ion Ratio Lower Upper
 165 100
 63 4.2 42.0 63.0#
 89 2.3 66.9 100.3#
 182 0.0 2.6 3.8#



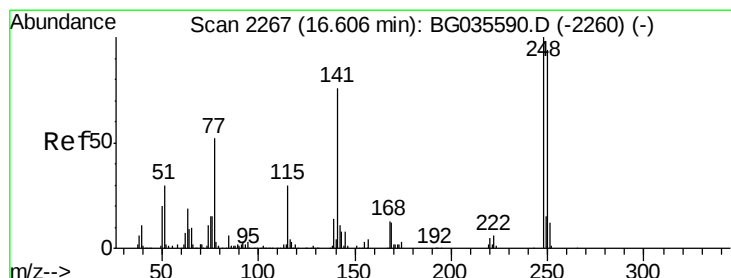
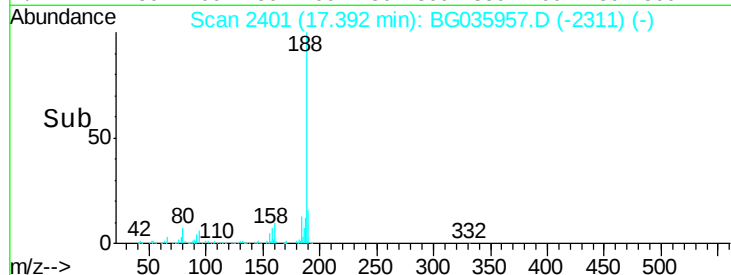
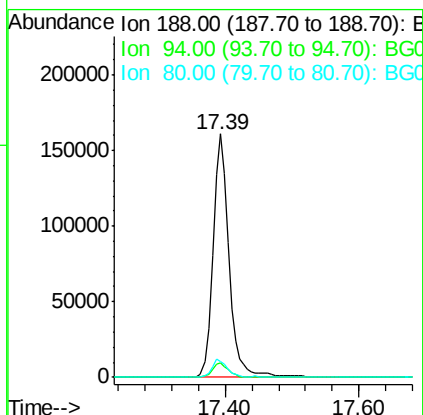
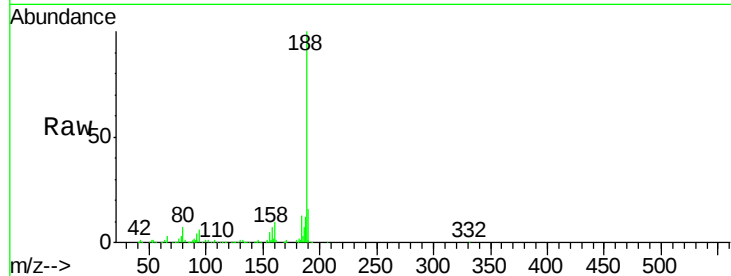
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





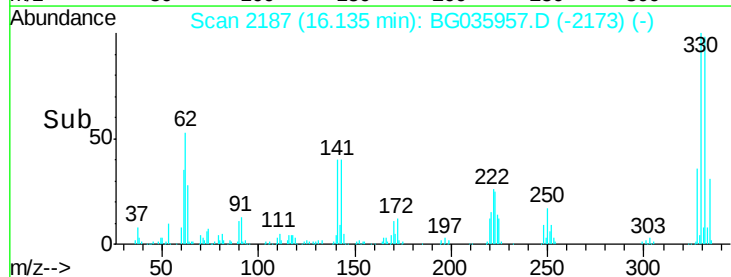
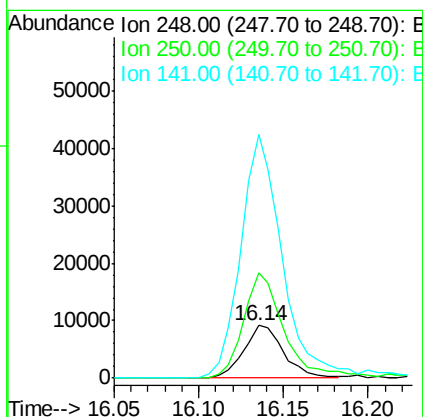
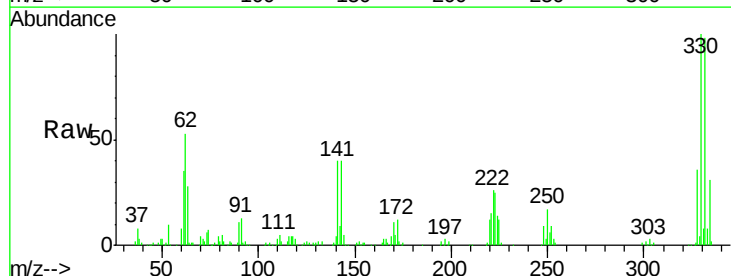
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

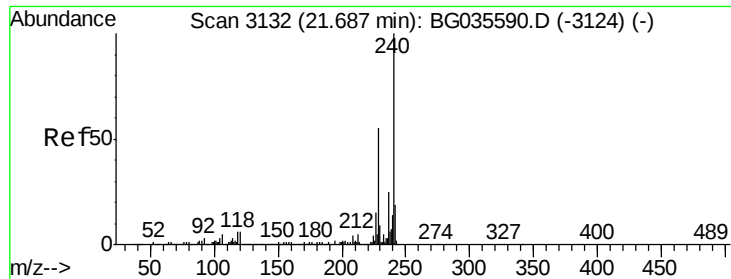
Tgt Ion:188 Resp: 271402
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.6 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.800 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035957.D
Acq: 28 Jul 2018 4:28

Tgt Ion:248 Resp: 15113
Ion Ratio Lower Upper
248 100
250 200.2 77.1 115.7#
141 464.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

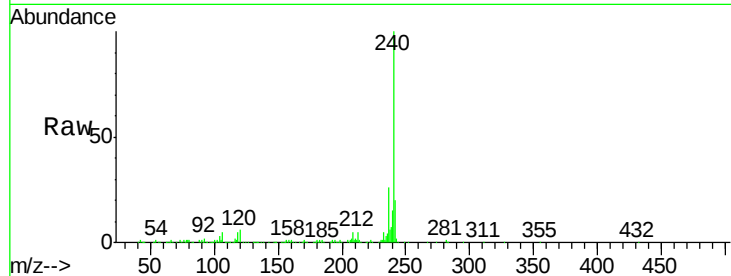
RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035957.D

Acq: 28 Jul 2018 4:28

Tgt Ion:	240	Resp:	304537
Ion Ratio	Lower	Upper	
240	100		
120	6.0	6.8	10.2#
236	25.6	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

21.66

150000

100000

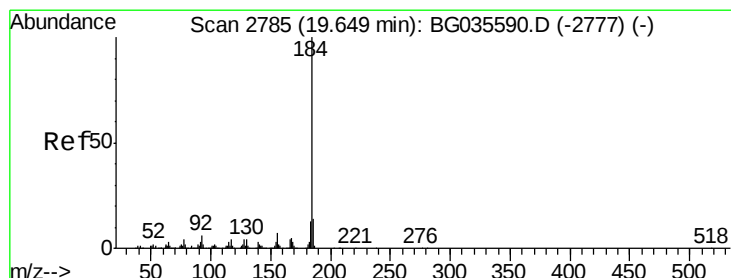
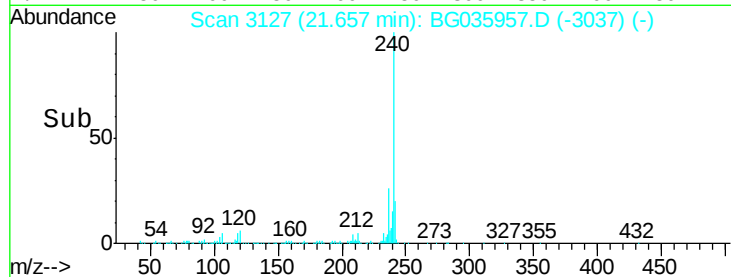
50000

0

21.60

21.70

Time-->



#76

Benzidine

Concen: 3.056 ng

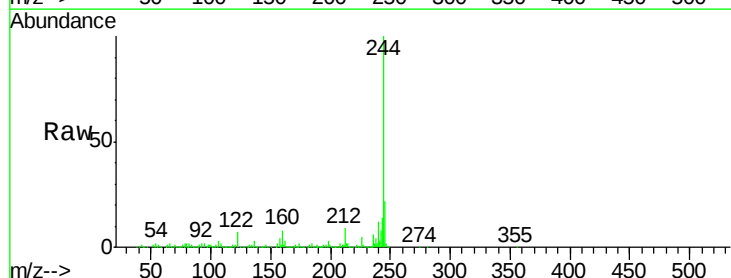
RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035957.D

Acq: 28 Jul 2018 4:28

Tgt Ion:	184	Resp:	24468
Ion Ratio	Lower	Upper	
184	100		
185	22.3	11.1	16.7#
183	8.0	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

20.00

25000

20000

15000

10000

5000

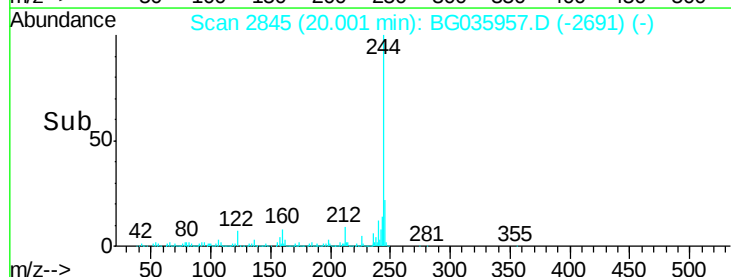
0

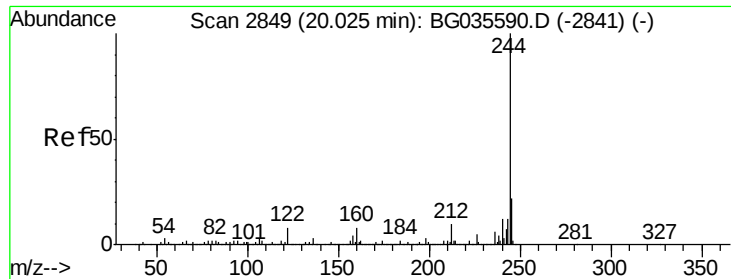
19.95

20.00

20.05

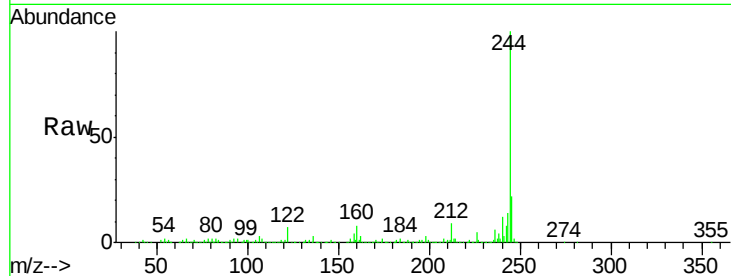
Time-->



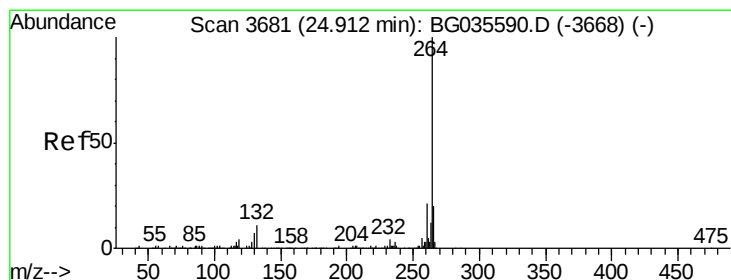
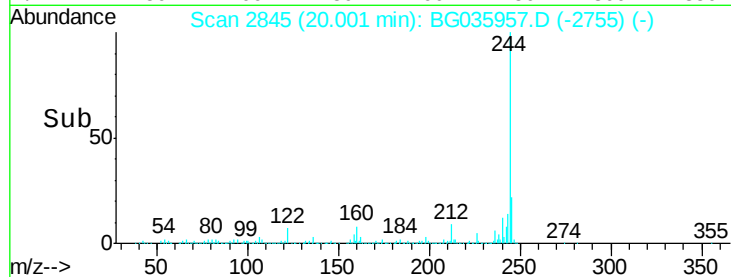
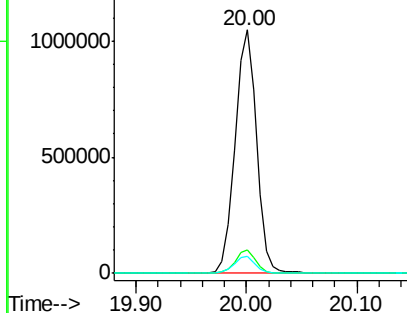


#78
 Terphenyl-d14
 Concen: 103.928 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035957.D
 Acq: 28 Jul 2018 4:28

Tgt Ion:244 Resp: 1435819
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 7.2 7.0 10.4

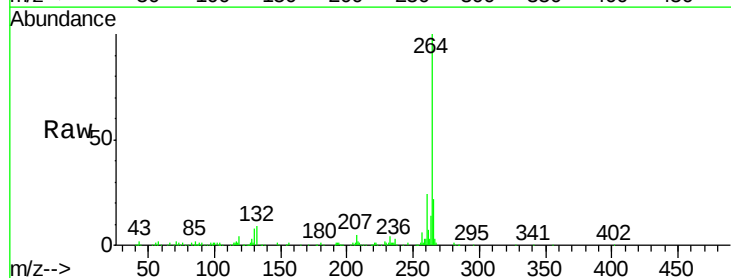


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: BG035957.D
 Acq: 28 Jul 2018 4:28

Tgt Ion:264 Resp: 275895
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 21.9 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

