

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035956.D
 Acq On : 28 Jul 2018 3:49
 Operator : JU/SJ
 Sample : J4152-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

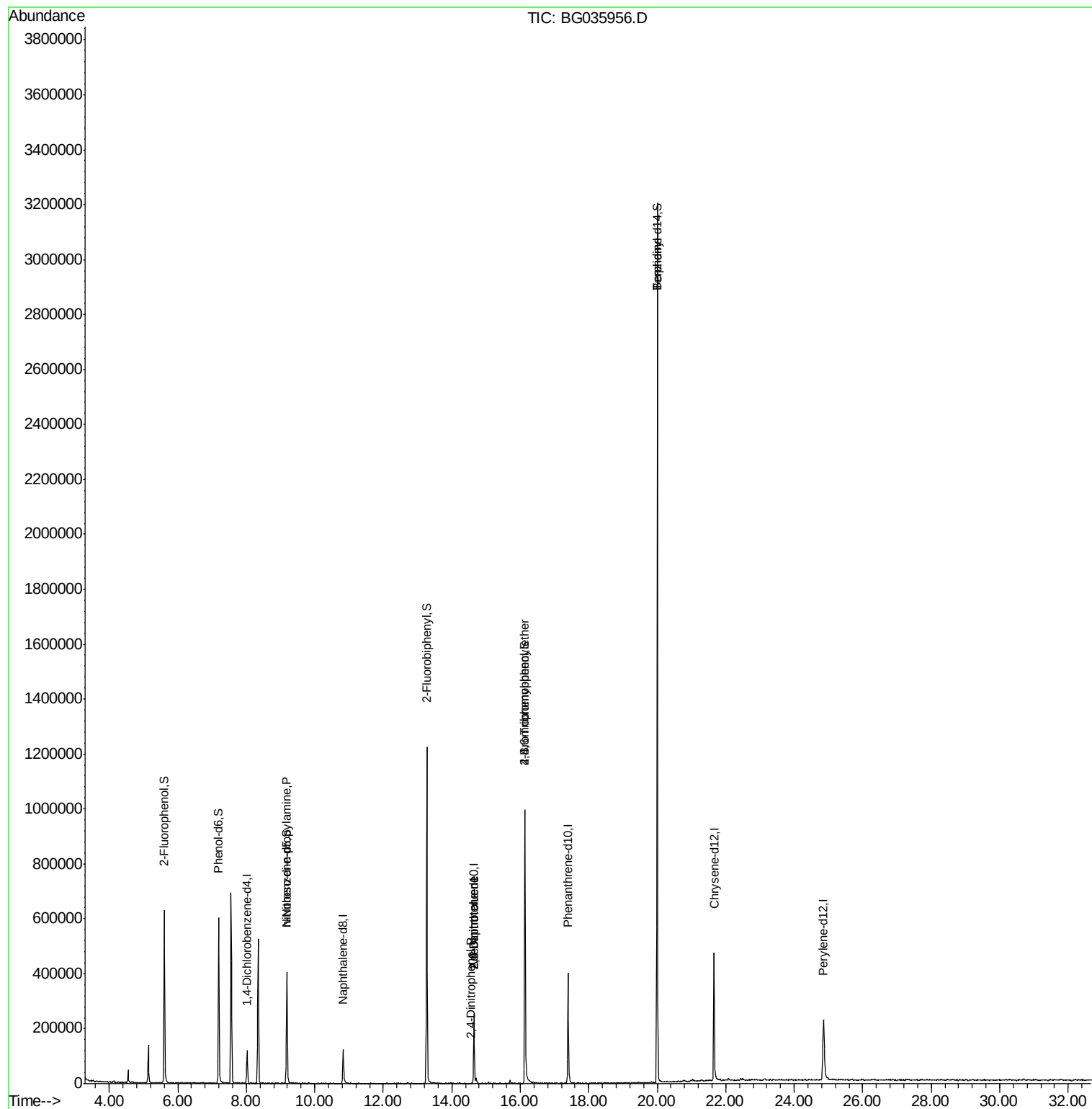
Quant Time: Jul 28 05:37:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

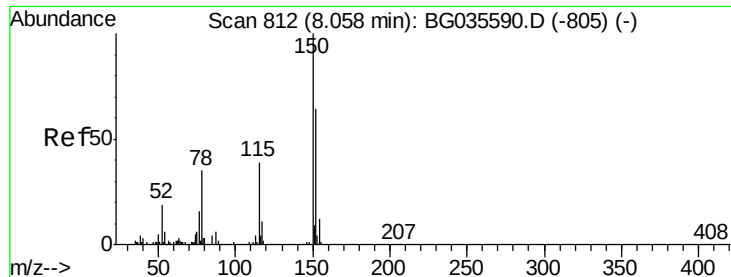
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33647	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	126597	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	95115	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	290948	20.00	ng	0.00
75) Chrysene-d12	21.66	240	331707	20.00	ng	0.00
86) Perylene-d12	24.85	264	304094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	280746	138.53	ng	0.00
7) Phenol-d6	7.19	99	381897	126.30	ng	0.00
23) Nitrobenzene-d5	9.19	82	286551	94.56	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	211790	168.94	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	700117	98.61	ng	0.00
78) Terphenyl-d14	20.00	244	1539692	102.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	38635	15.173	ng	# 62
50) 2,6-Dinitrotoluene	14.65	165	12658	7.459	ng	# 22
53) 2,4-Dinitrophenol	14.57	184	81	6.667	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	12658	5.199	ng	# 19
66) 4-Bromophenyl-phenylether	16.13	248	16924	5.014	ng	# 1
76) Benzidine	20.00	184	26059	2.988	ng	# 92

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

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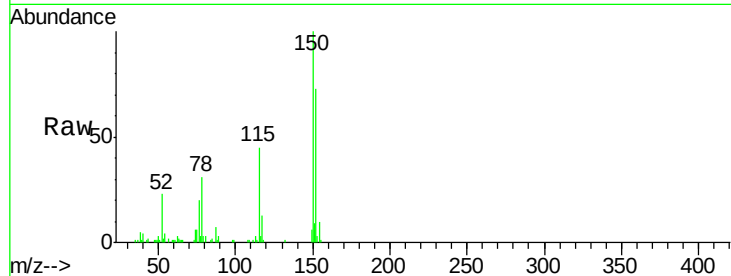




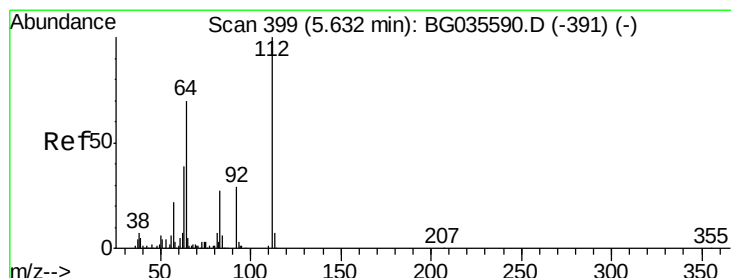
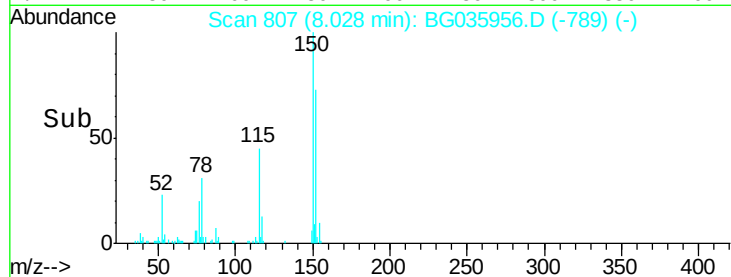
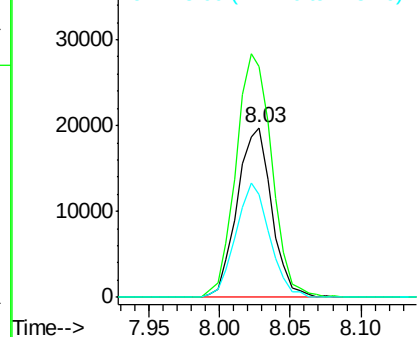
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035956.D
Acq: 28 Jul 2018 3:49

Tgt Ion	Ratio	Lower	Upper
152	100		
150	136.2	126.6	189.8
115	61.0	53.0	79.4



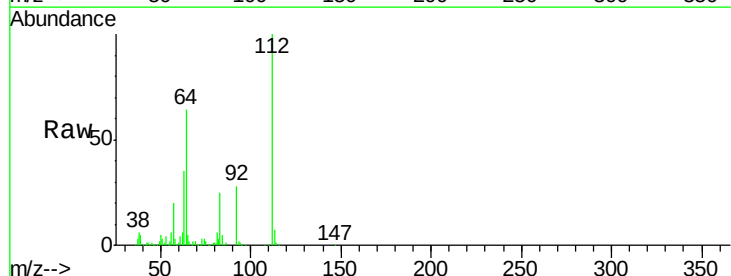
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



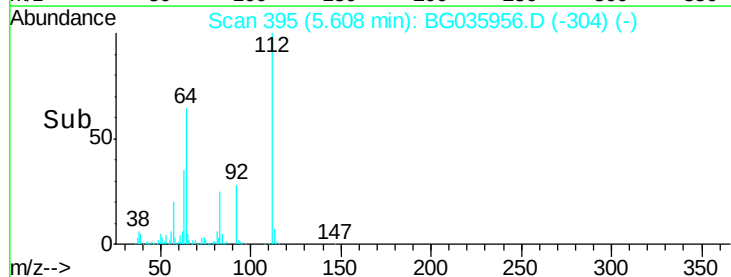
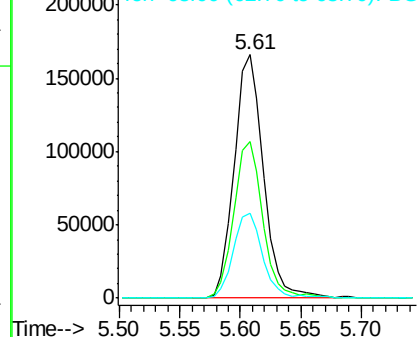
#5

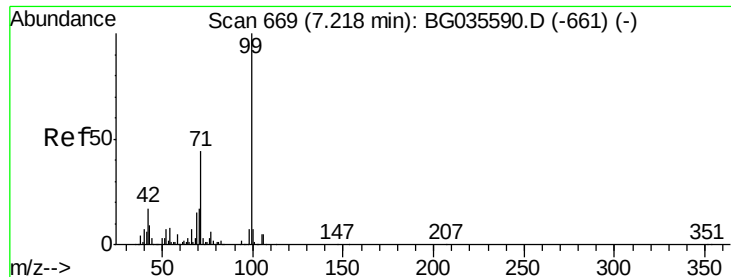
2-Fluorophenol
Concen: 138.528 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035956.D
Acq: 28 Jul 2018 3:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	35.1	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: 126.300 ng

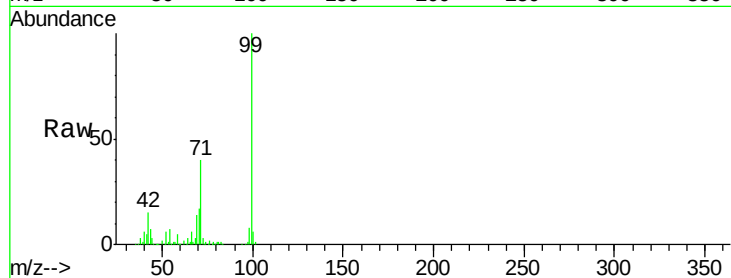
RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

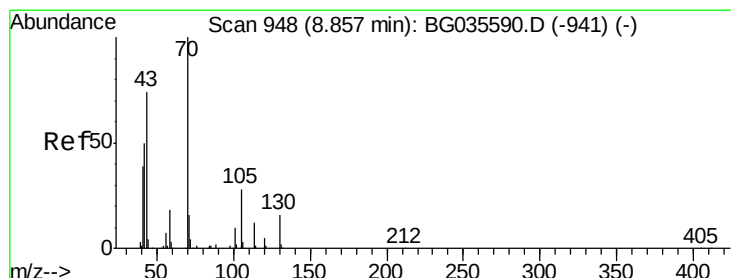
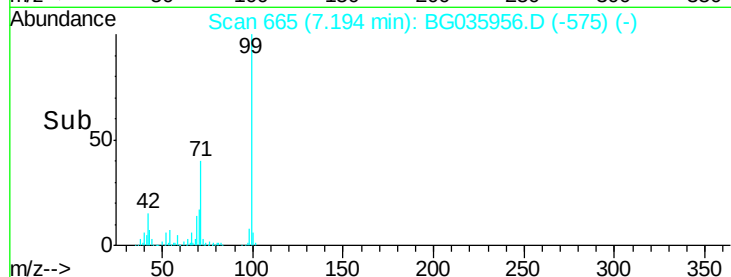
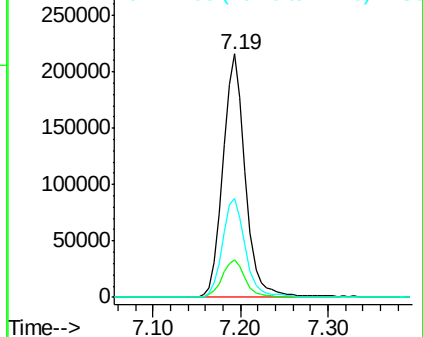
Lab File: BG035956.D

Acq: 28 Jul 2018 3:49

Tgt Ion:	99	Resp:	381897
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.1	21.1
71	40.5	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: 15.173 ng

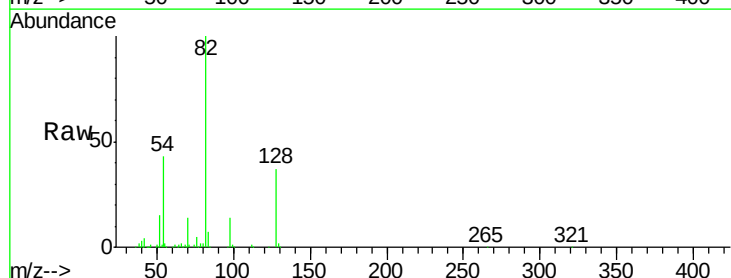
RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

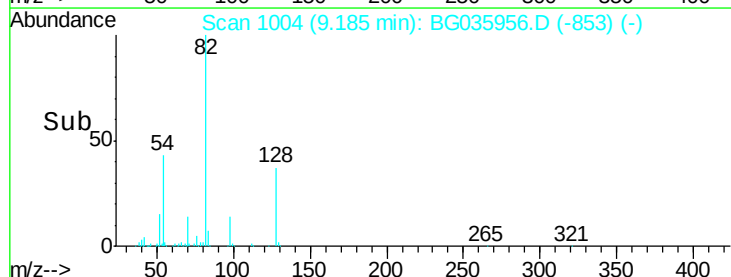
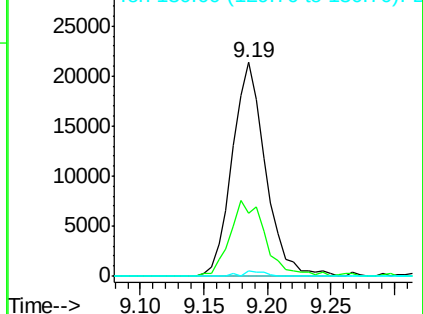
Lab File: BG035956.D

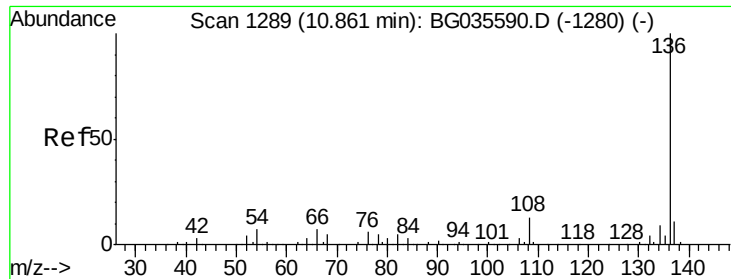
Acq: 28 Jul 2018 3:49

Tgt Ion:	70	Resp:	38635
Ion	Ratio	Lower	Upper
70	100		
42	29.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#



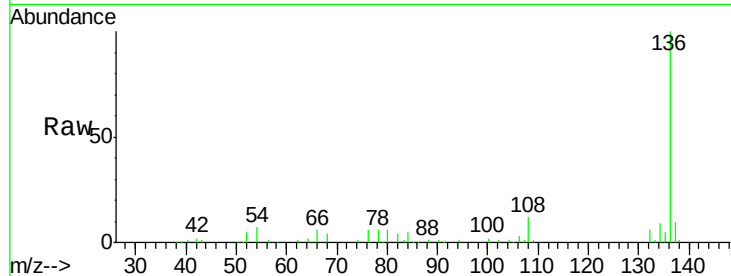
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



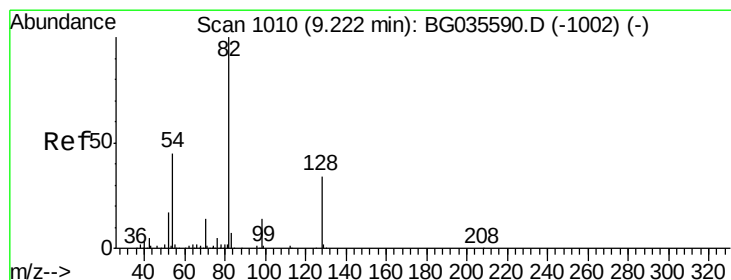
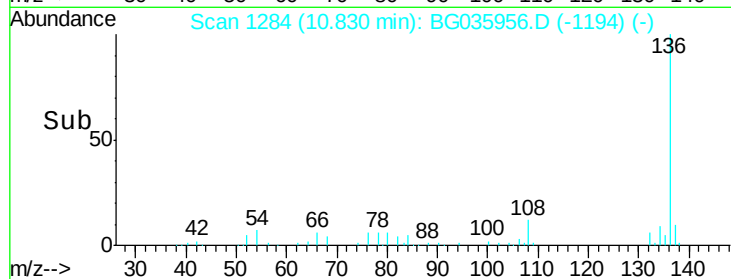
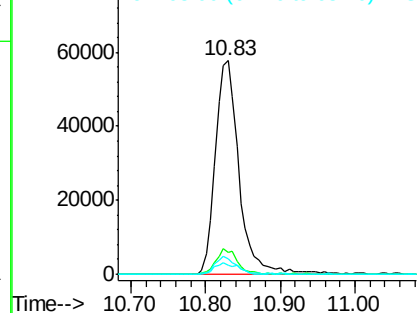


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035956.D
Acq: 28 Jul 2018 3:49

Tgt Ion:	136	Resp:	126597
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.2	13.8
54	7.1	10.3	15.5#
68	4.4	4.5	6.7#

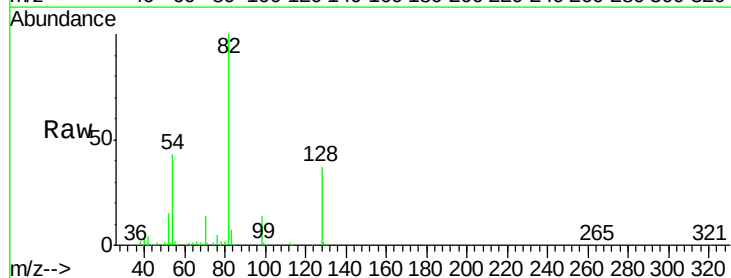


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

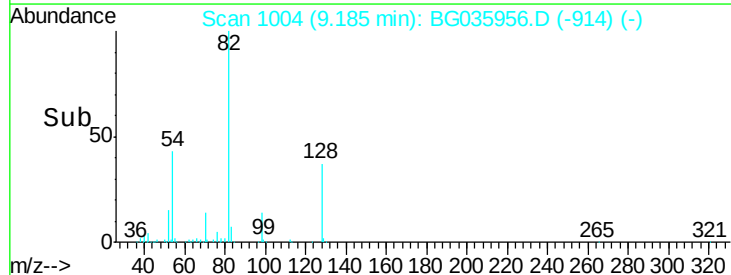
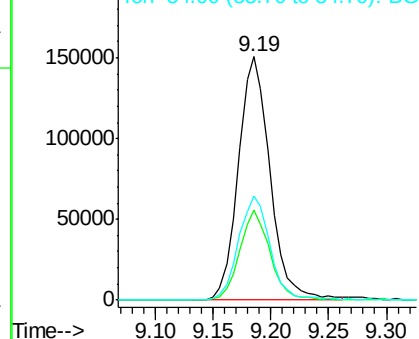


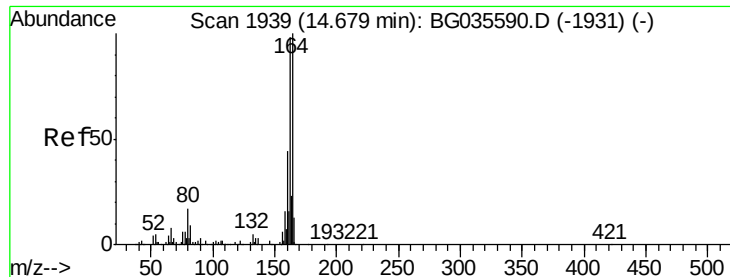
#23
Nitrobenzene-d5
Concen: 94.557 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035956.D
Acq: 28 Jul 2018 3:49

Tgt Ion:	82	Resp:	286551
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.7	44.5
54	42.6	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: BG035956.D

Acq: 28 Jul 2018 3:49

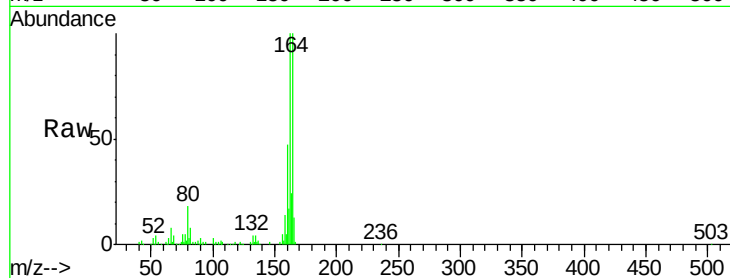
Tgt Ion:164 Resp: 95115

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

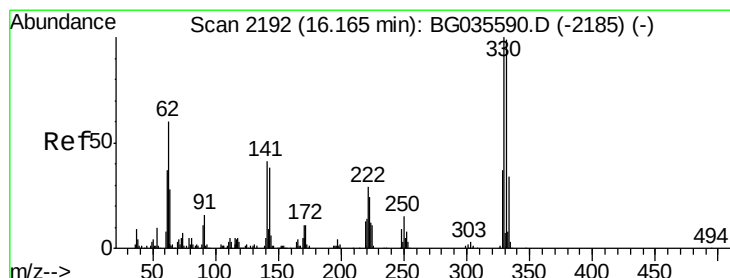
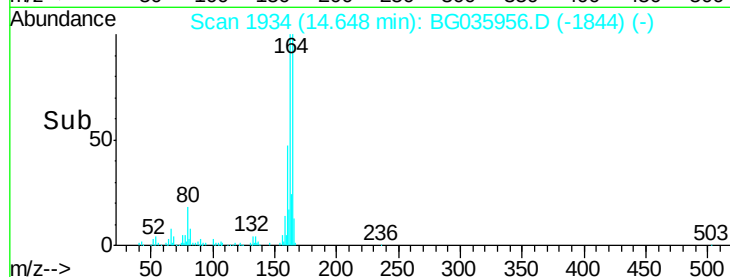
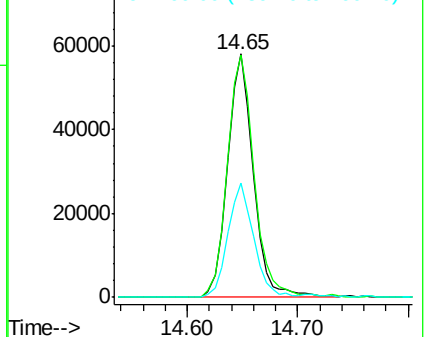
160 46.9 35.4 53.0



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: 168.935 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035956.D

Acq: 28 Jul 2018 3:49

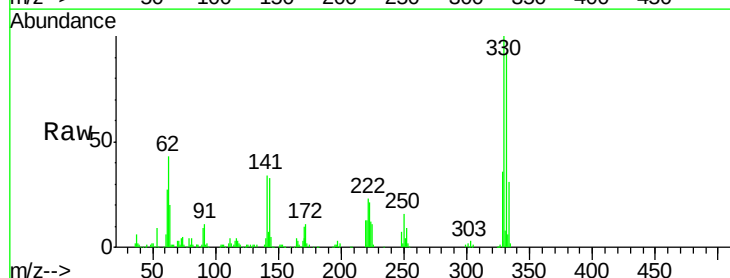
Tgt Ion:330 Resp: 211790

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

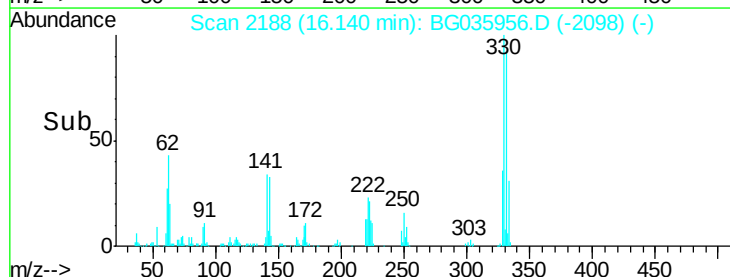
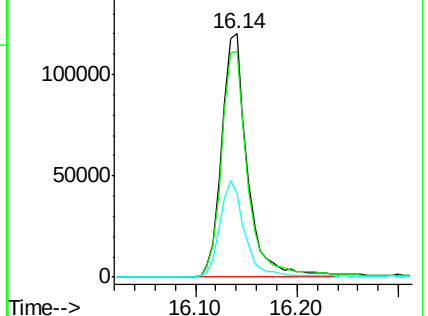
141 39.3 25.2 37.8#

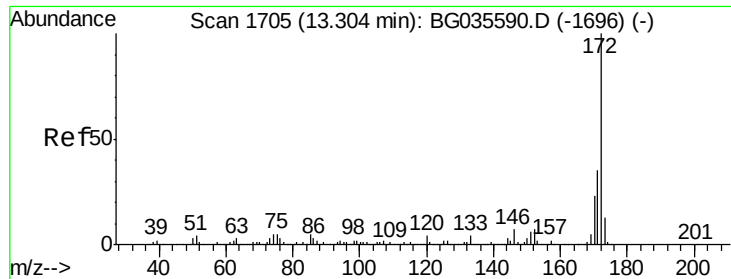


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

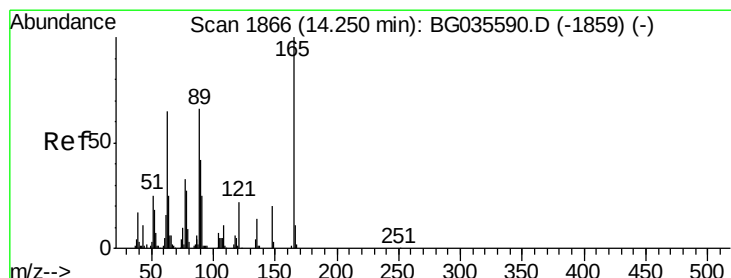
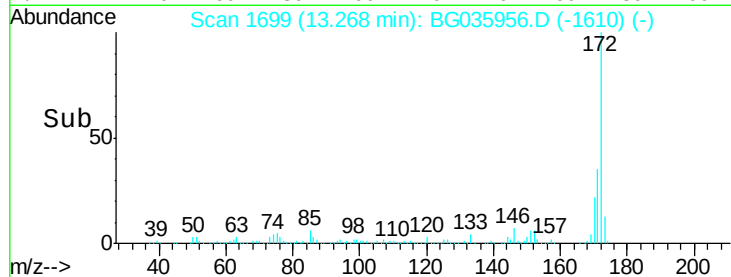
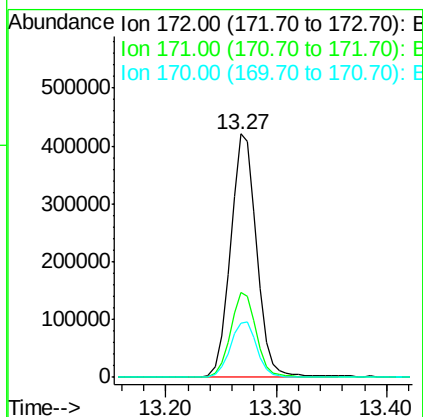
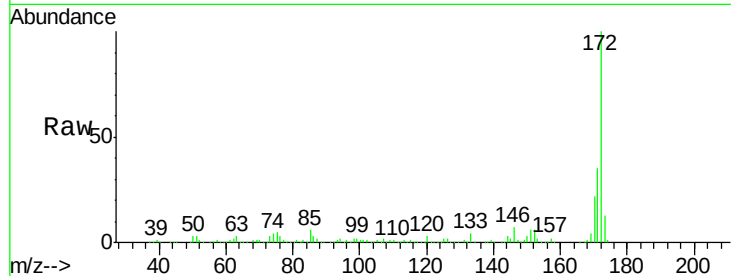
Ion 141.00 (140.70 to 141.70): E





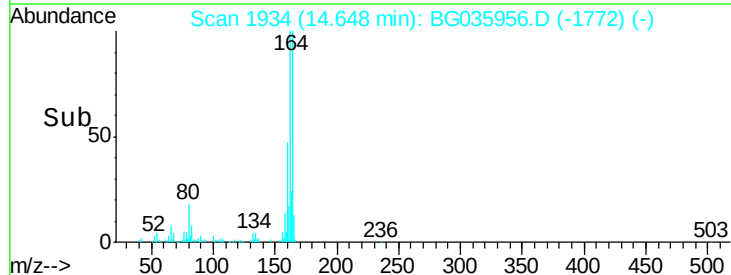
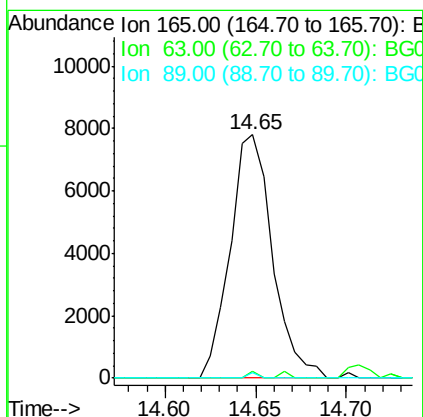
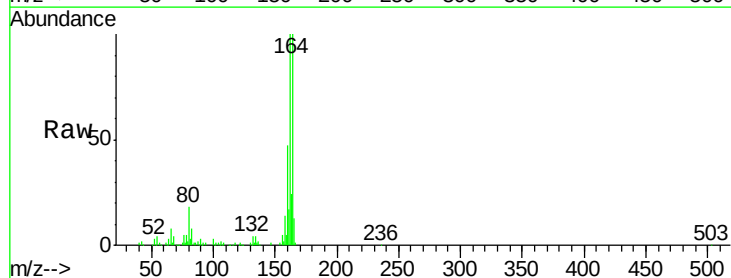
#44
 2-Fluorobiphenyl
 Concen: 98.615 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035956.D
 Acq: 28 Jul 2018 3:49

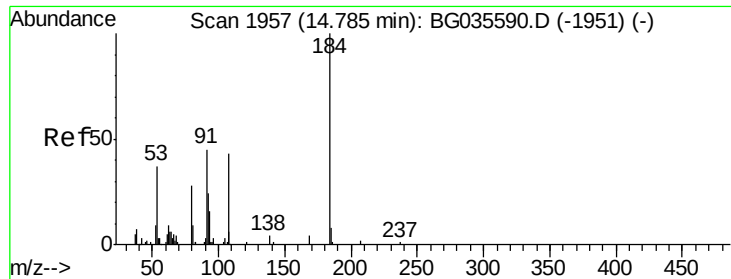
Tgt Ion:	172	Resp:	700117
Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	22.4	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.459 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035956.D
 Acq: 28 Jul 2018 3:49

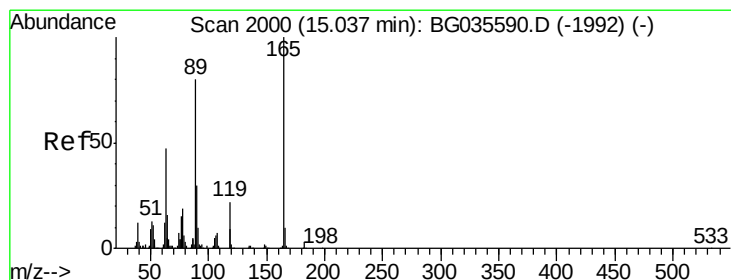
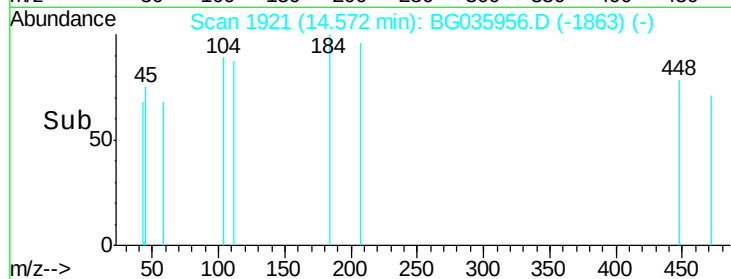
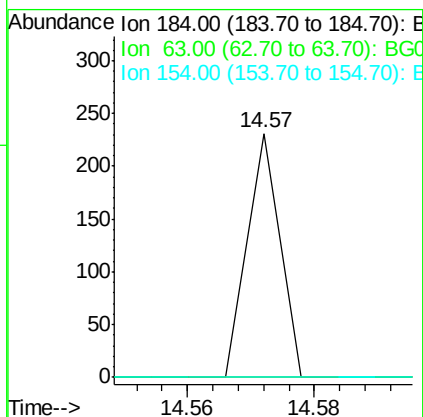
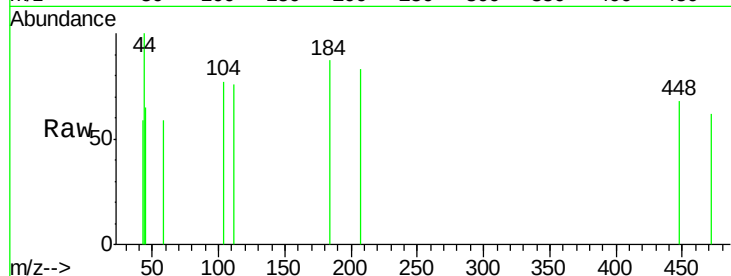
Tgt Ion:	165	Resp:	12658
Ion	Ratio	Lower	Upper
165	100		
63	3.1	52.7	79.1#
89	2.1	49.2	73.8#





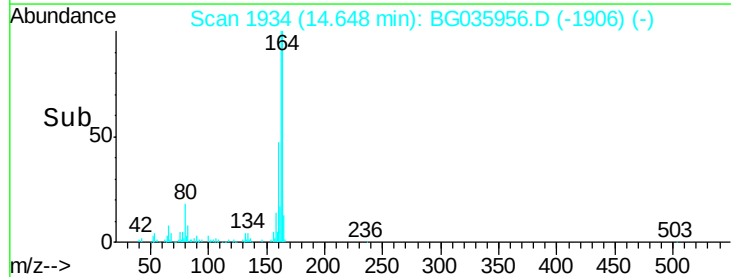
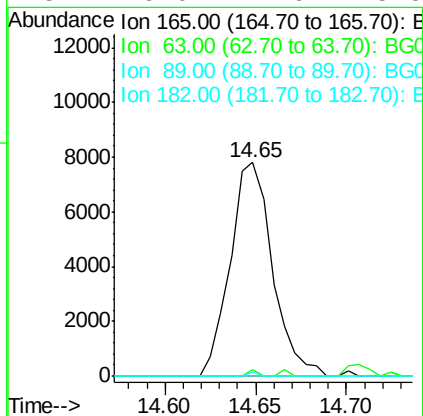
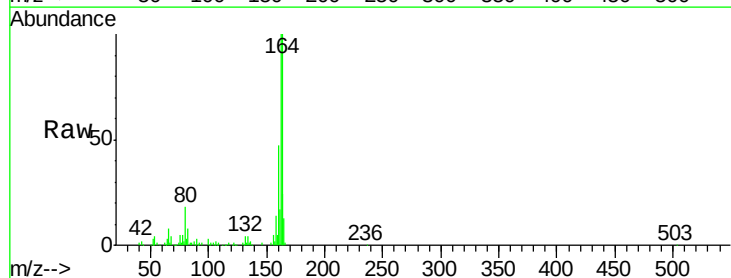
#53
2,4-Dinitrophenol
Concen: 6.667 ng
RT: 14.57 min Scan# 1921
Delta R.T. -0.19 min
Lab File: BG035956.D
Acq: 28 Jul 2018 3:49

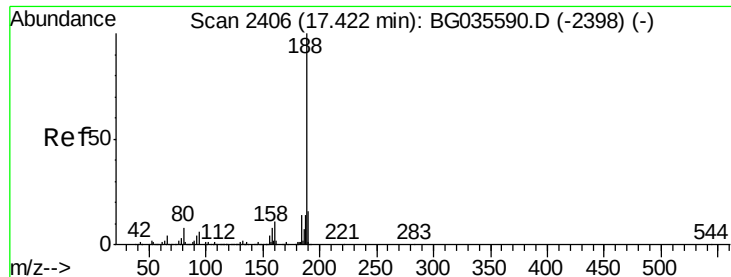
Tgt Ion:184 Resp: 81
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.199 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035956.D
Acq: 28 Jul 2018 3:49

Tgt Ion:165 Resp: 12658
Ion Ratio Lower Upper
165 100
63 3.1 42.0 63.0#
89 2.1 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: BG035956.D

Acq: 28 Jul 2018 3:49

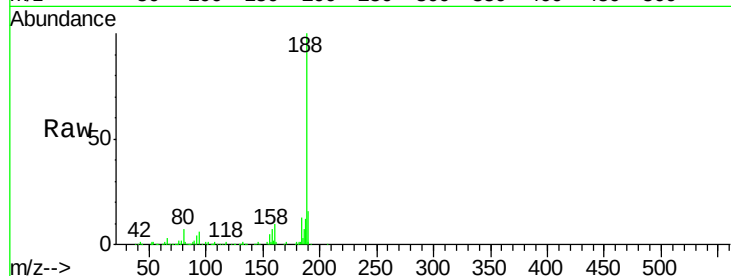
Tgt Ion:188 Resp: 290948

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

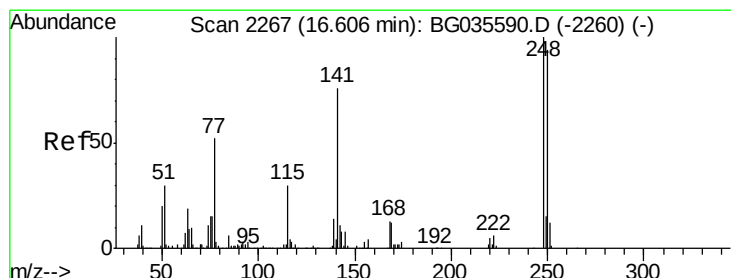
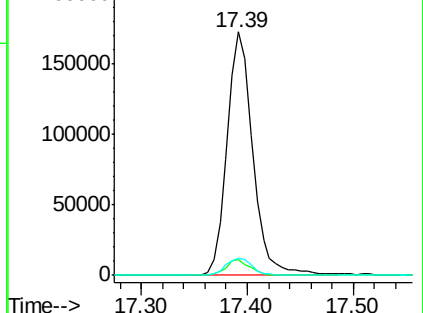
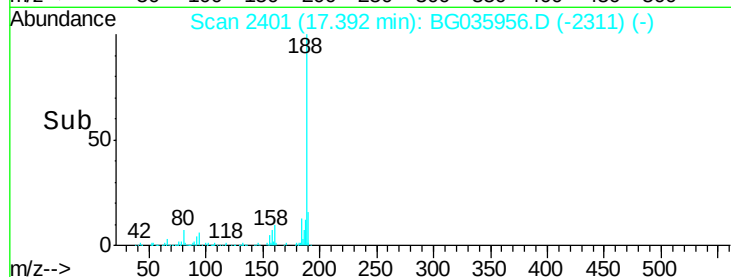
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG035590.D (-2398) (-)

Ion 80.00 (79.70 to 80.70): BG035590.D (-2398) (-)



#66

4-Bromophenyl-phenylether

Concen: 5.014 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.45 min

Lab File: BG035956.D

Acq: 28 Jul 2018 3:49

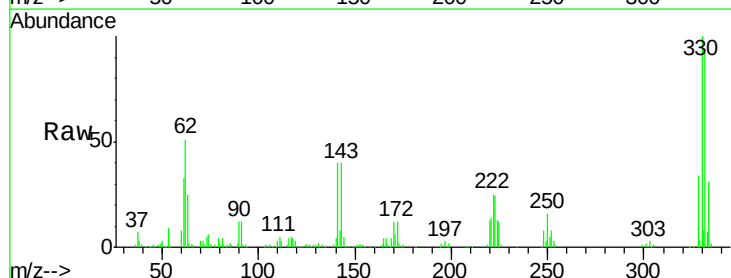
Tgt Ion:248 Resp: 16924

Ion Ratio Lower Upper

248 100

250 208.9 77.1 115.7#

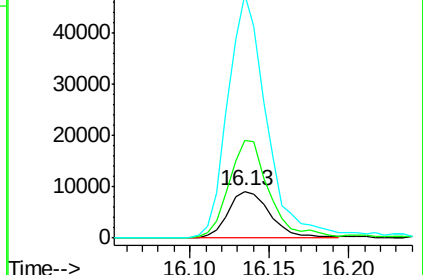
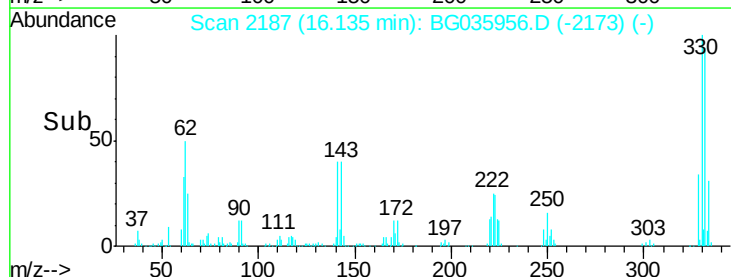
141 519.9 50.8 76.2#

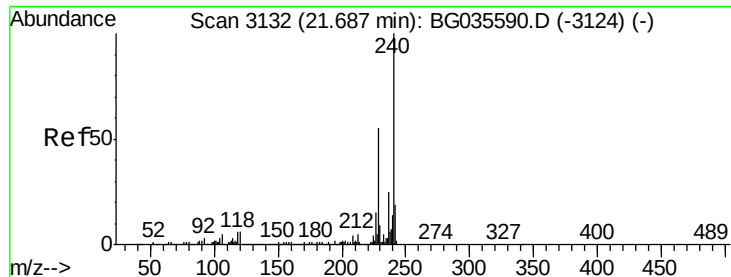


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): BG035590.D (-2260) (-)

Ion 141.00 (140.70 to 141.70): BG035590.D (-2260) (-)





#75

Chrysene-d12

Concen: 20.000 ng

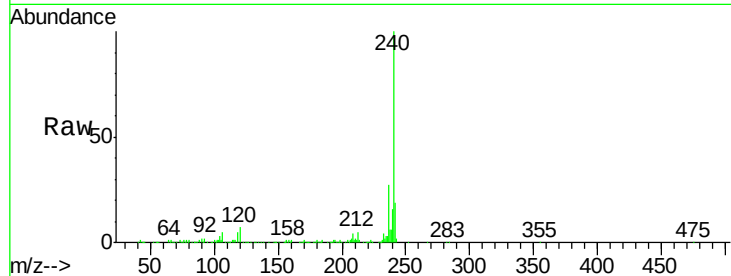
RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

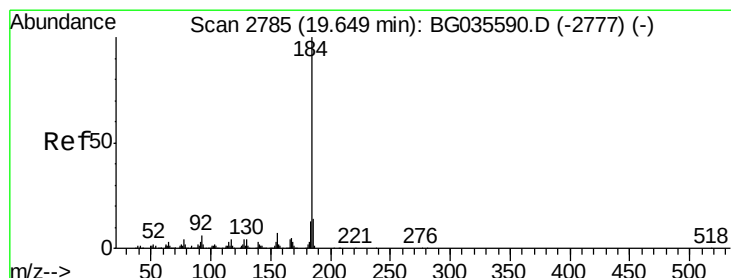
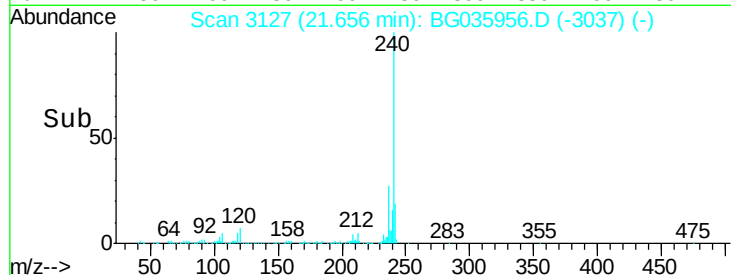
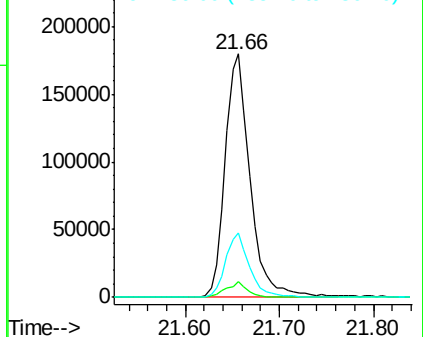
Lab File: BG035956.D

Acq: 28 Jul 2018 3:49

Tgt Ion:	240	Resp:	331707
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.8	10.2#
236	26.6	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



#76

Benzidine

Concen: 2.988 ng

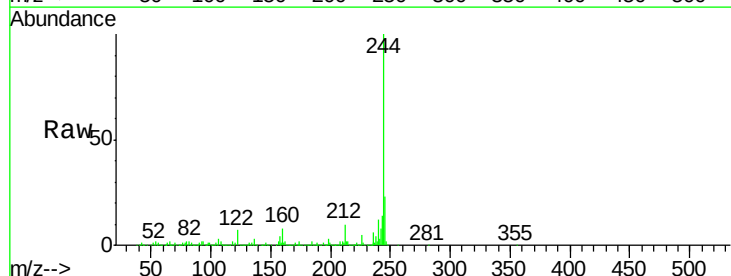
RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

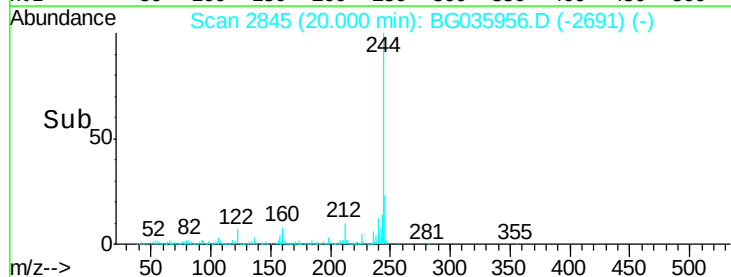
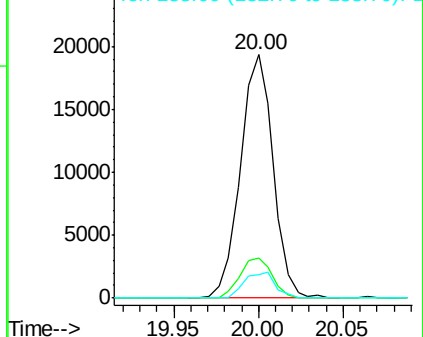
Lab File: BG035956.D

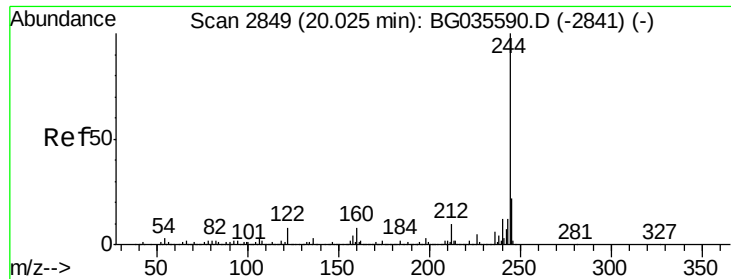
Acq: 28 Jul 2018 3:49

Tgt Ion:	184	Resp:	26059
Ion Ratio	Lower	Upper	
184	100		
185	16.6	11.1	16.7
183	9.7	10.6	16.0#



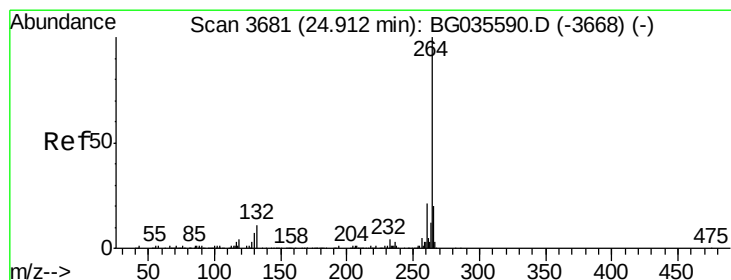
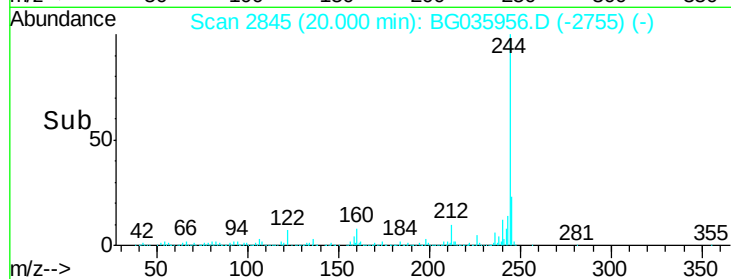
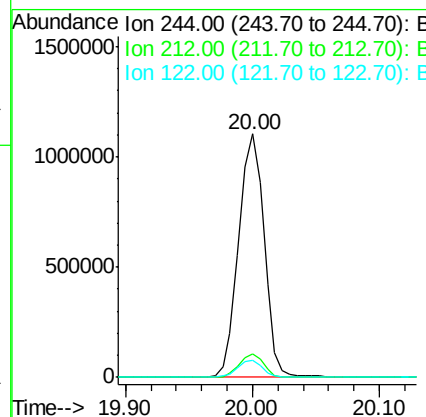
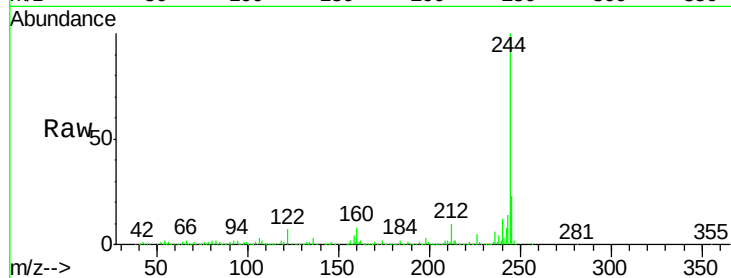
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78
 Terphenyl-d14
 Concen: 102.318 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035956.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:244 Resp: 1539692
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 7.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035956.D
 Acq: 28 Jul 2018 3:49

Tgt Ion:264 Resp: 304094
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 19.4 17.7 26.5

