

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033586.D
 Acq On : 5 Apr 2018 8:49
 Operator : SJ/JU
 Sample : J2207-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

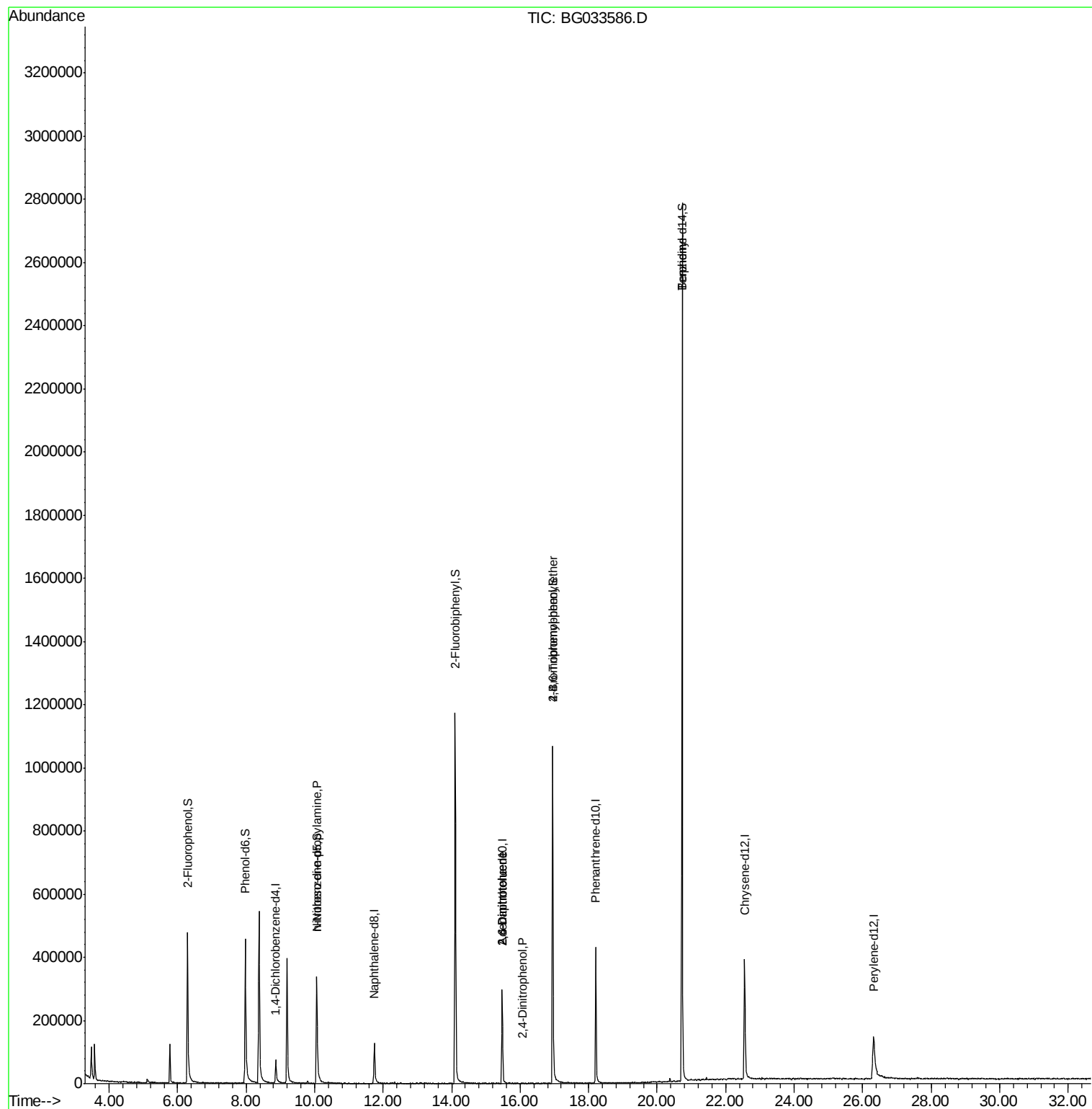
Quant Time: Apr 05 11:11:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

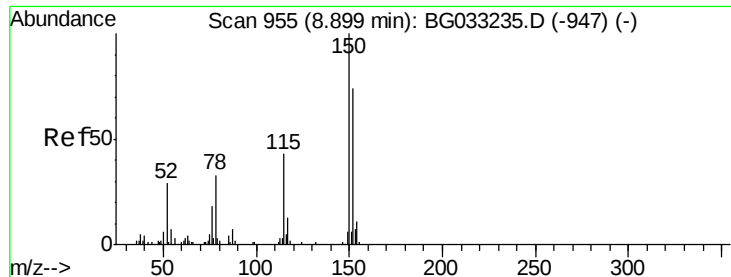
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29038	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	132170	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112186	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	304868	20.00	ng	0.00
75) Chrysene-d12	22.55	240	319012	20.00	ng	-0.01
86) Perylene-d12	26.33	264	258320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	234263	151.27	ng	0.00
7) Phenol-d6	7.97	99	337507	126.84	ng	0.00
23) Nitrobenzene-d5	10.06	82	281430	97.83	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	215813	128.62	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	696604	89.64	ng	0.00
78) Terphenyl-d14	20.73	244	1428104	95.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	38743	19.871	ng	# 74
50) 2,6-Dinitrotoluene	15.47	165	13659	6.842	ng	# 18
53) 2,4-Dinitrophenol	16.05	184	54	7.690	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	13659	4.647	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	16183	4.520	ng	# 1
76) Benzidine	20.73	184	25543	2.953	ng	# 91

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

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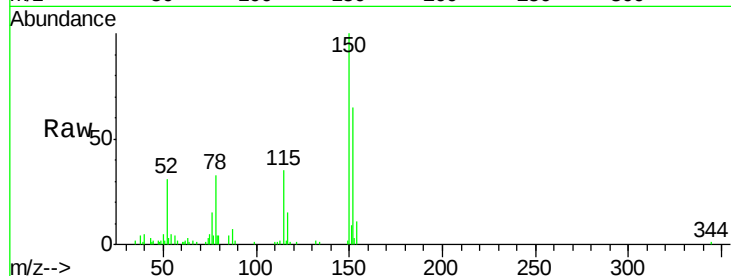




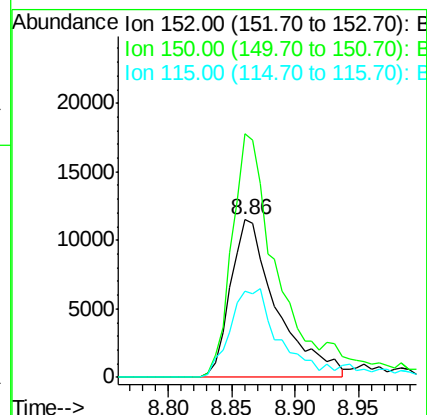
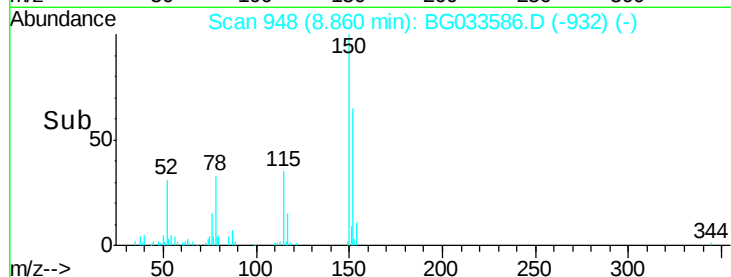
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	54.6	53.0	79.4



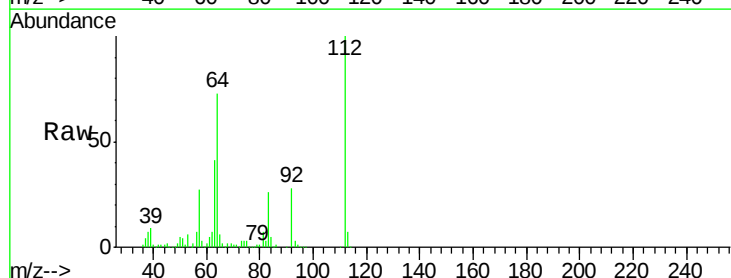
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



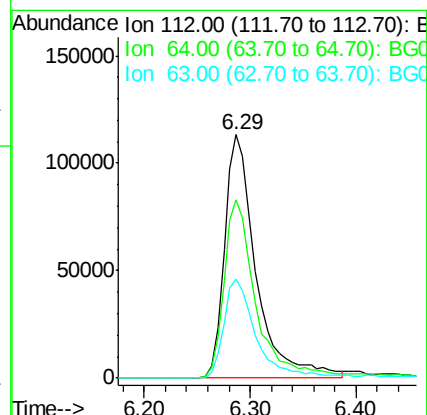
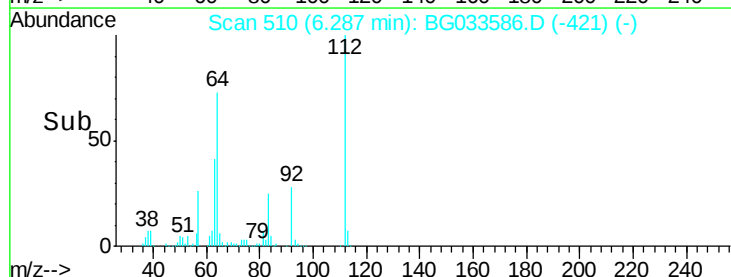
#5

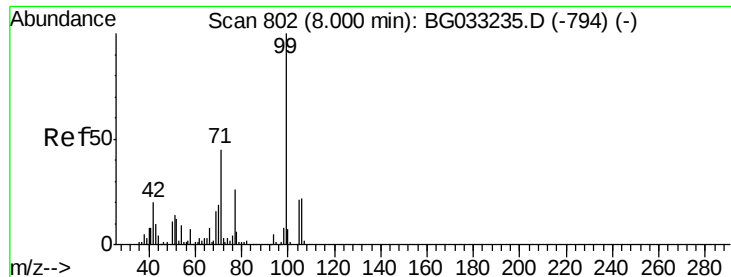
2-Fluorophenol
Concen: 151.275 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.3	84.5
63	40.8	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: 126.844 ng

RT: 7.97 min Scan# 797

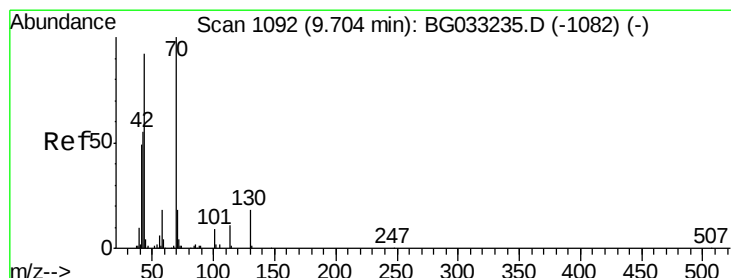
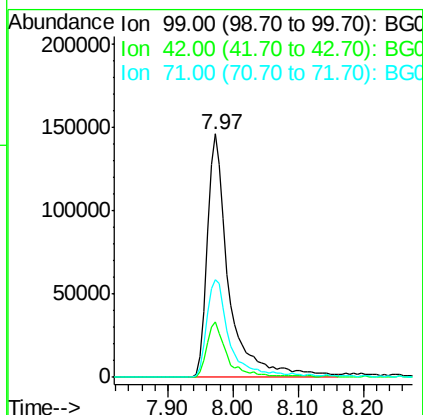
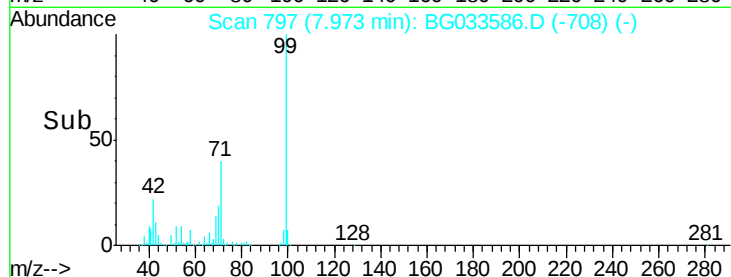
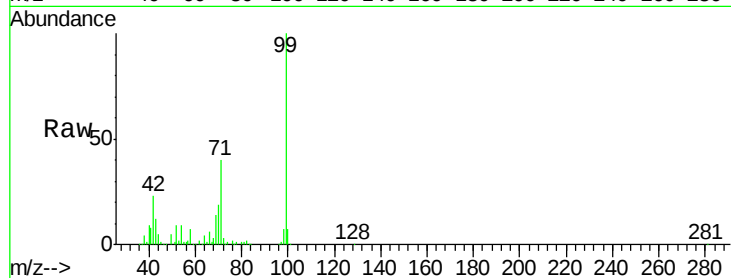
Delta R.T. -0.01 min

Lab File: BG033586.D

Acq: 5 Apr 2018 8:49

Tot Ion: 99 Resp: 337507

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.1	21.1#
71	40.0	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 19.871 ng

RT: 10.06 min Scan# 1153

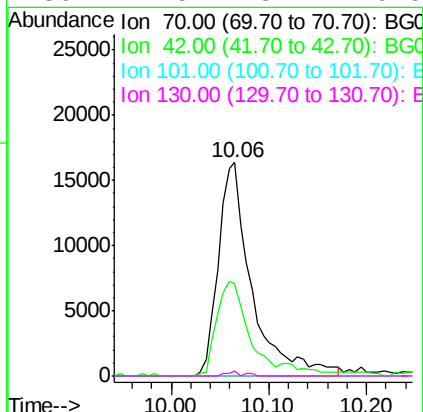
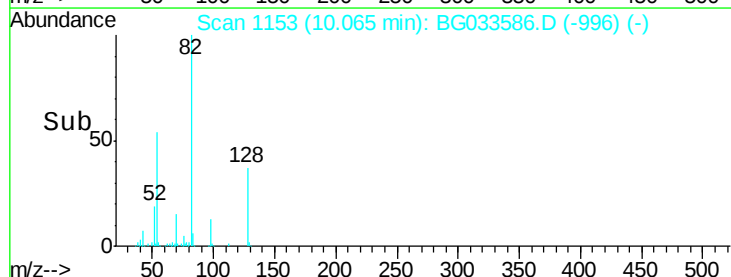
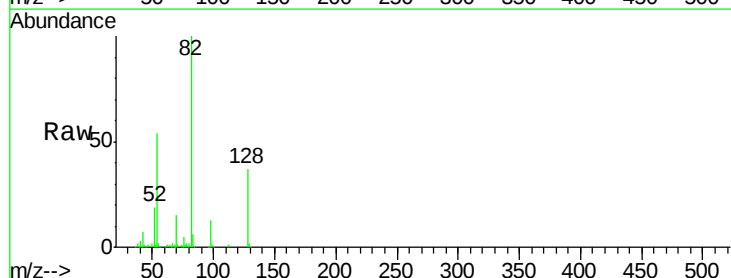
Delta R.T. 0.39 min

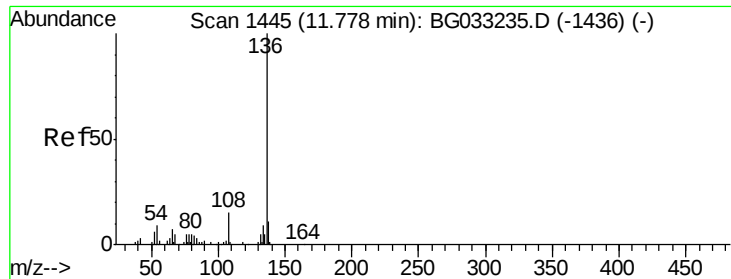
Lab File: BG033586.D

Acq: 5 Apr 2018 8:49

Tgt Ion: 70 Resp: 38743

Ion	Ratio	Lower	Upper
70	100		
42	43.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033586.D

Acq: 5 Apr 2018 8:49

Tot Ion:136 Resp: 132170

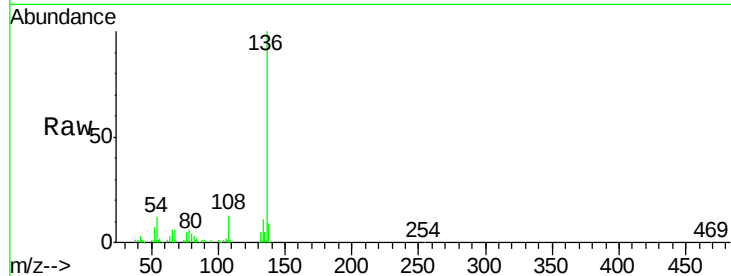
Ion Ratio Lower Upper

136 100

137 8.7 9.2 13.8#

54 11.9 10.3 15.5

68 5.8 4.5 6.7

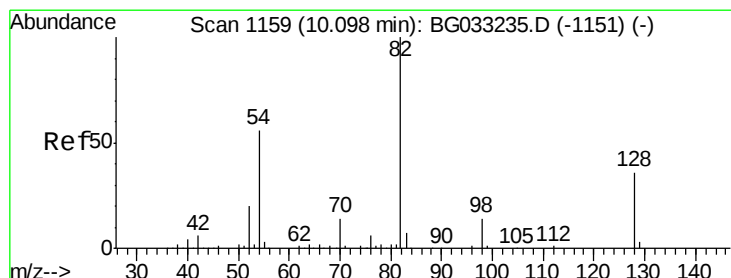
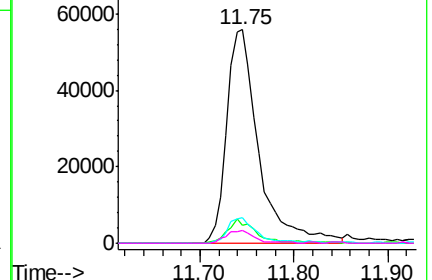
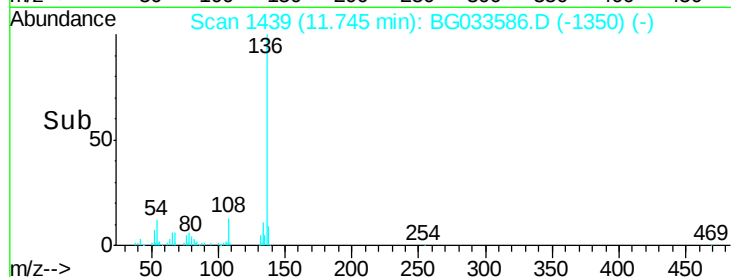


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 97.829 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033586.D

Acq: 5 Apr 2018 8:49

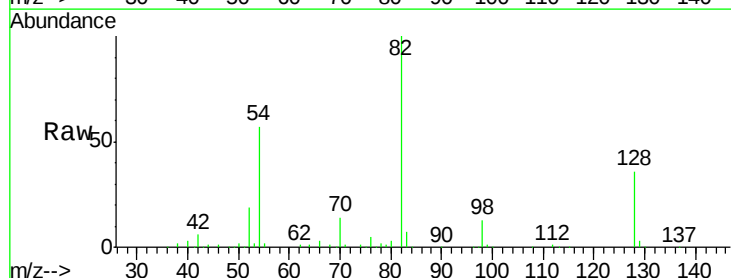
Tgt Ion: 82 Resp: 281430

Ion Ratio Lower Upper

82 100

128 36.3 29.7 44.5

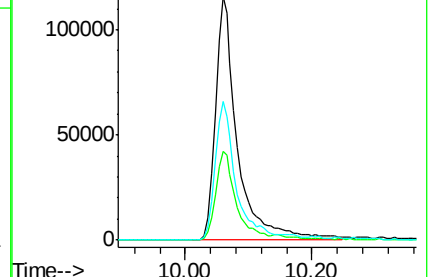
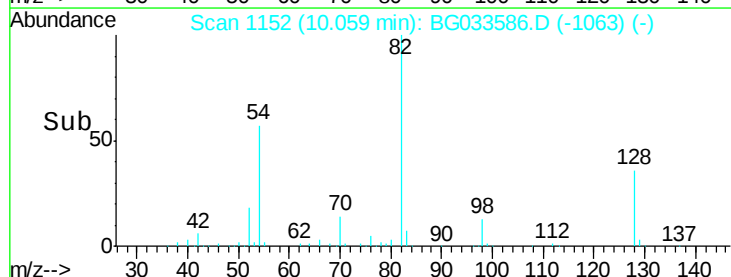
54 56.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

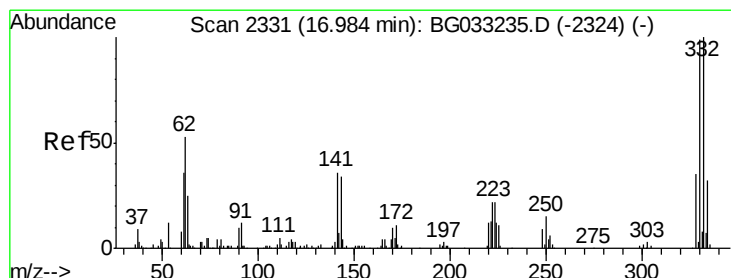
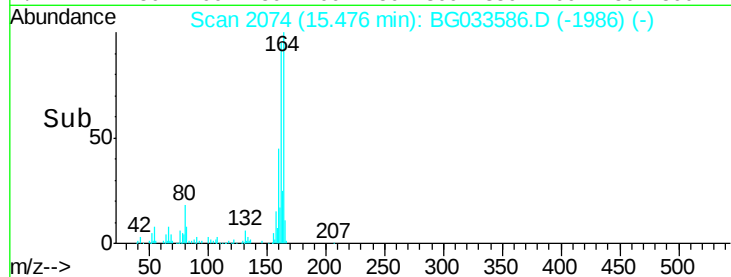
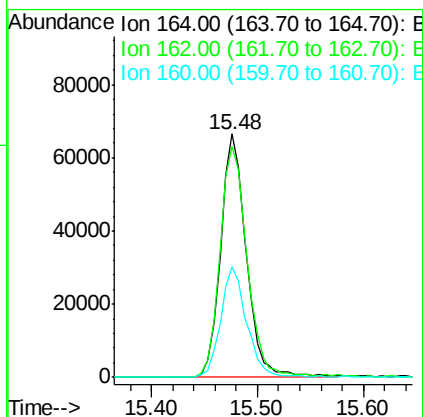
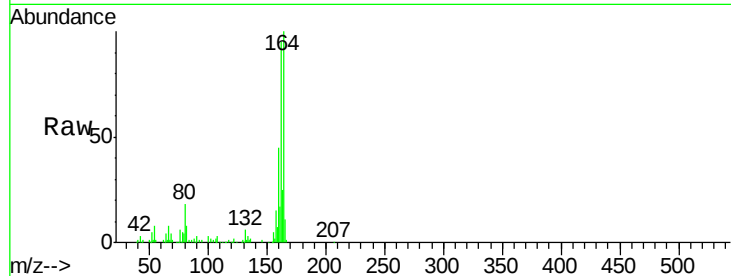
Ion 54.00 (53.70 to 54.70): BGC





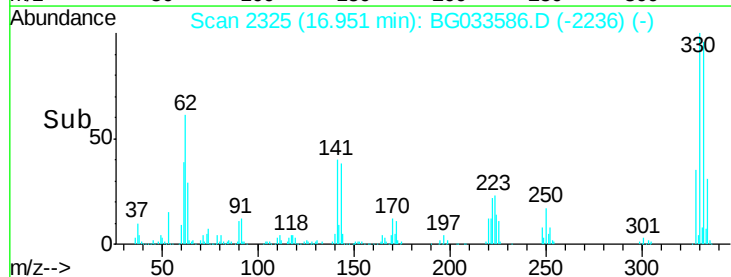
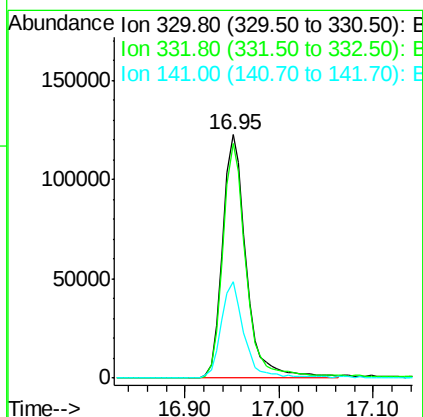
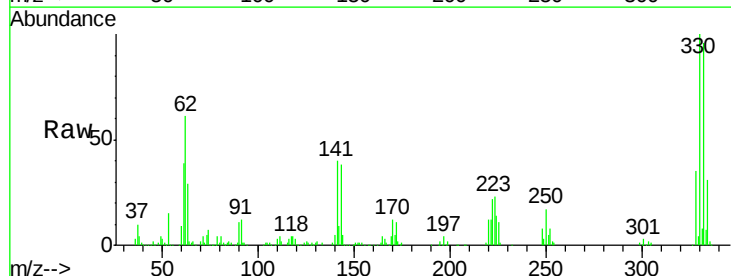
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.6	78.8	118.2
160	45.2	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 128.623 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

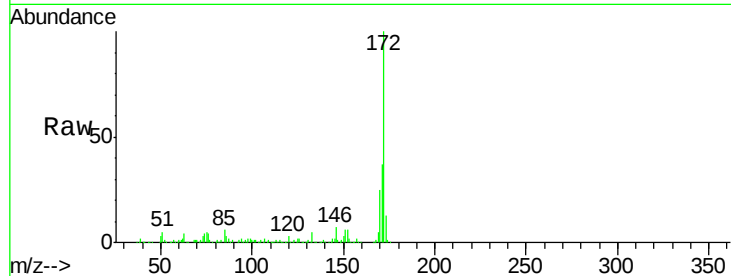
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	38.1	25.2	37.8#



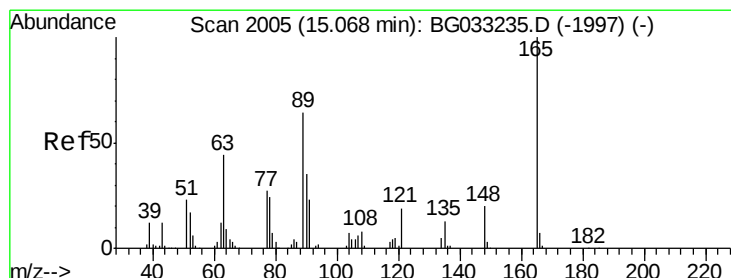
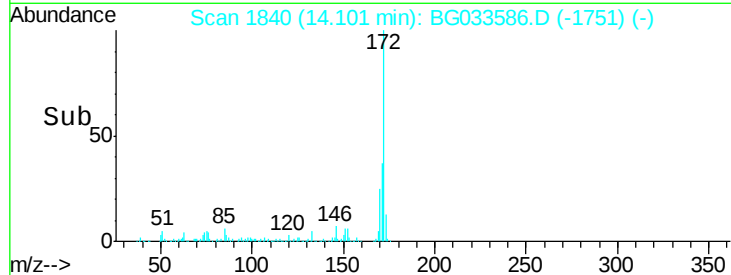
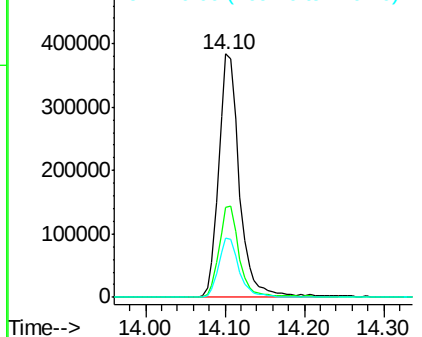


#44
 2-Fluorobiphenyl
 Concen: 89.641 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.6	19.5	29.3

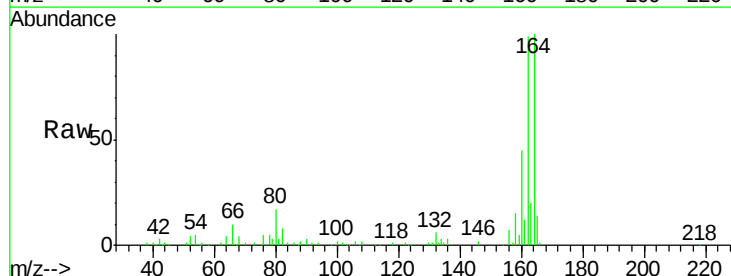


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

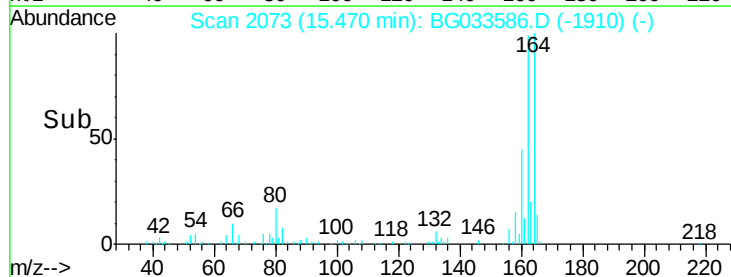
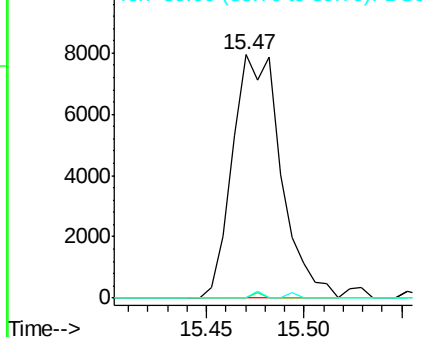


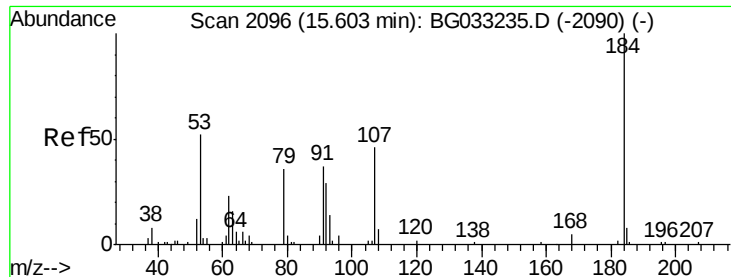
#50
 2,6-Dinitrotoluene
 Concen: 6.842 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.43 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

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



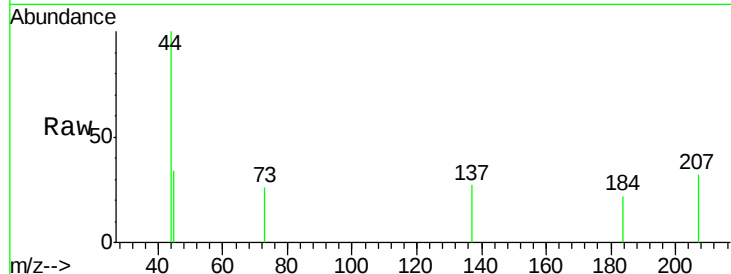
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0



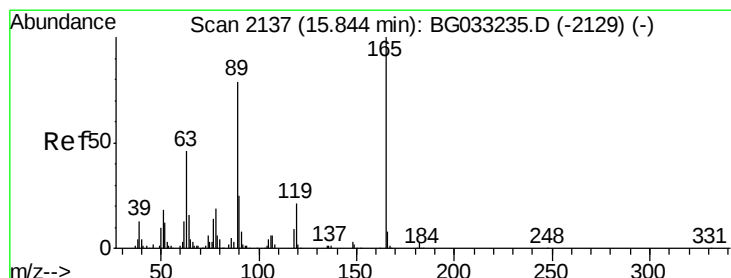
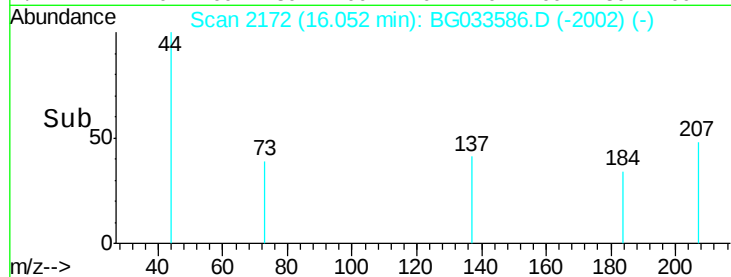
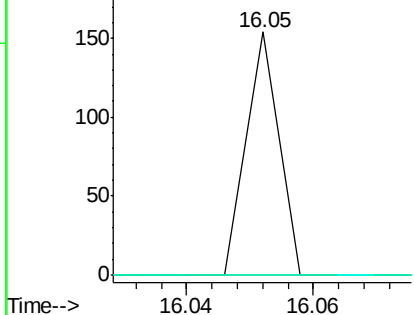


#53
 2,4-Dinitrophenol
 Concen: 7.690 ng
 RT: 16.05 min Scan# 2172
 Delta R.T. 0.47 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

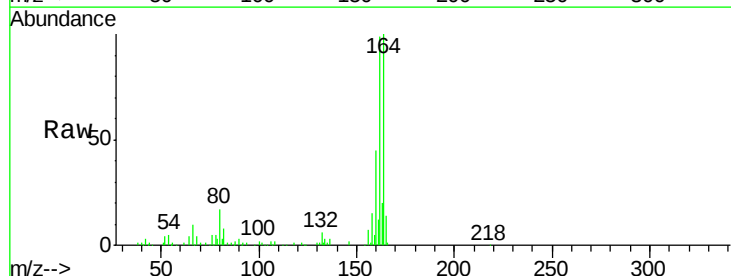


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

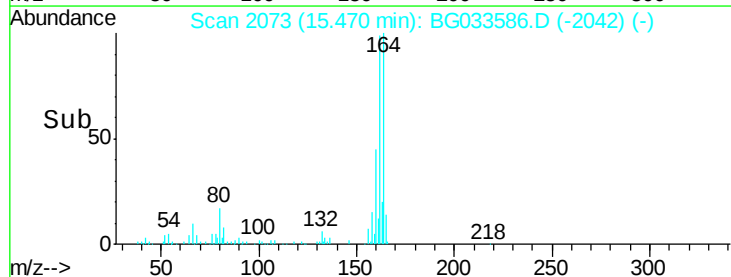
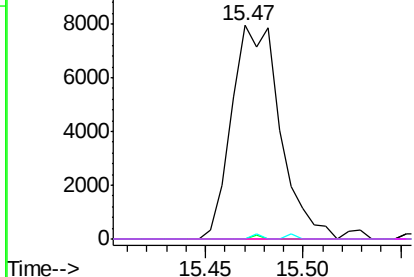


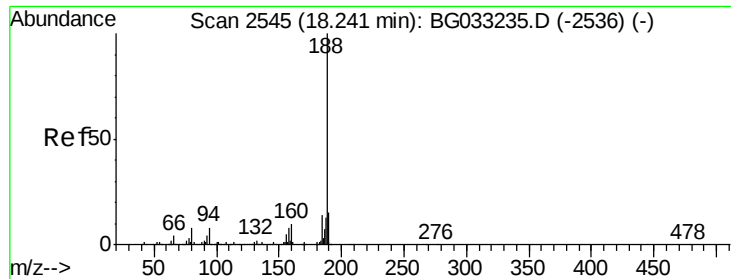
#56
 2,4-Dinitrotoluene
 Concen: 4.647 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.35 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Tgt 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#



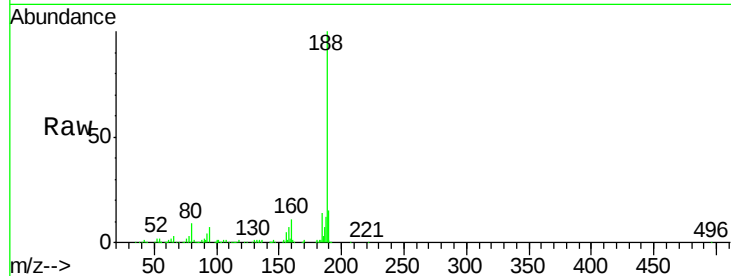
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E



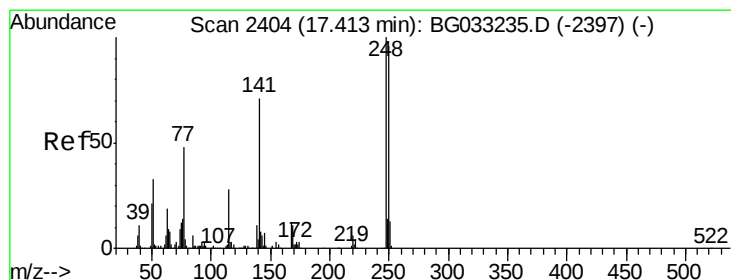
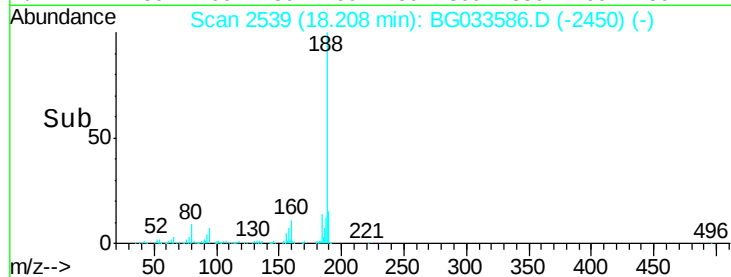
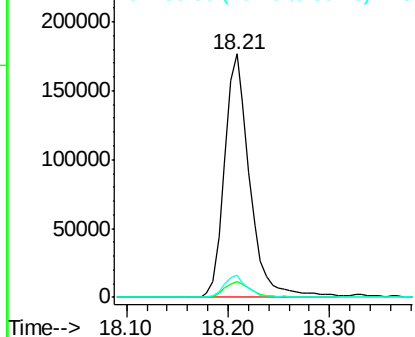


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Tot Ion:188 Resp: 304868
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 9.0 7.7 11.5

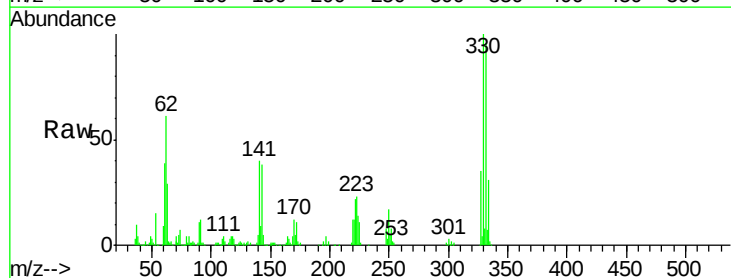


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

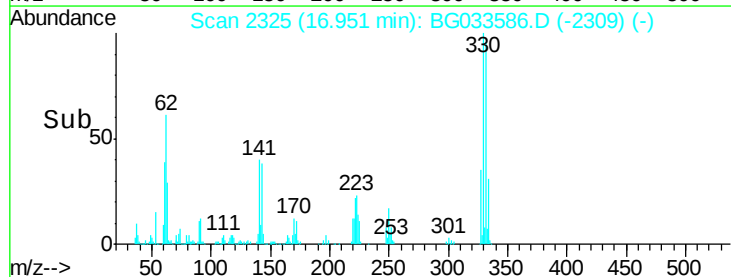
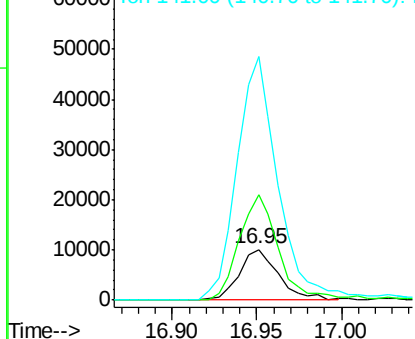


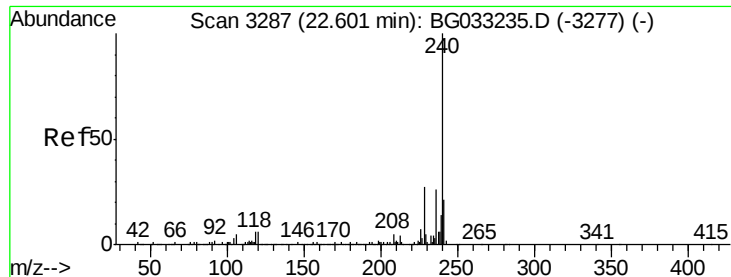
#66
4-Bromophenyl-phenylether
Concen: 4.520 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033586.D
Acq: 5 Apr 2018 8:49

Tgt Ion:248 Resp: 16183
Ion Ratio Lower Upper
248 100
250 155.7 77.1 115.7#
141 359.6 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: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033586.D

Acq: 5 Apr 2018 8:49

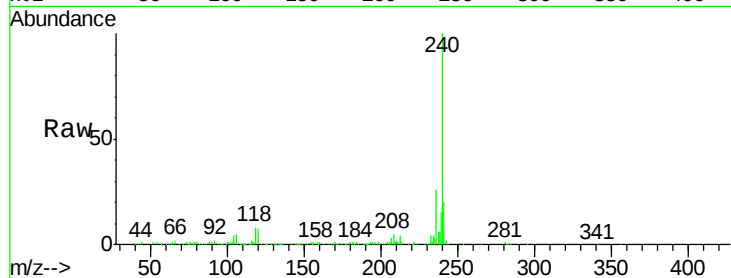
Tot Ion:240 Resp: 319012

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

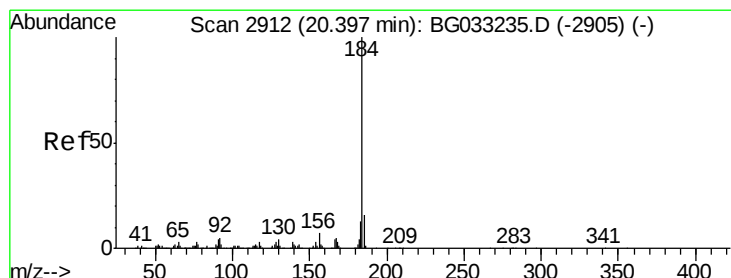
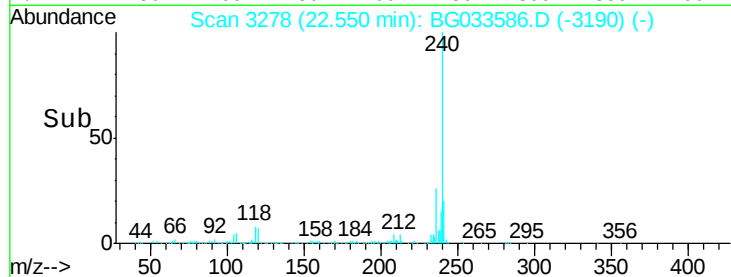
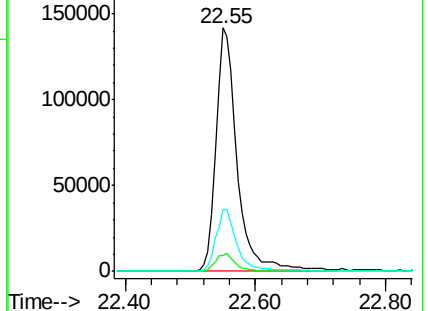
236 25.6 20.9 31.3



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



#76

Benzidine

Concen: 2.953 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033586.D

Acq: 5 Apr 2018 8:49

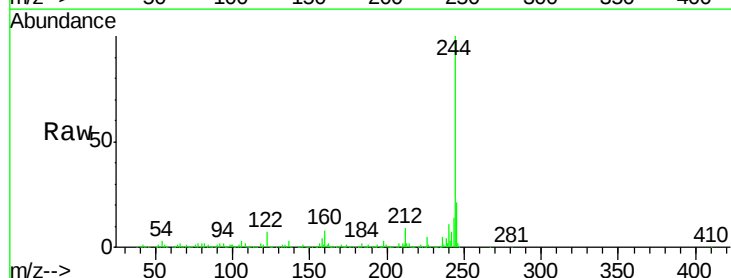
Tgt Ion:184 Resp: 25543

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

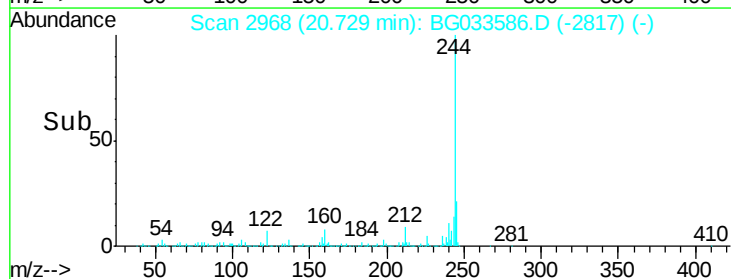
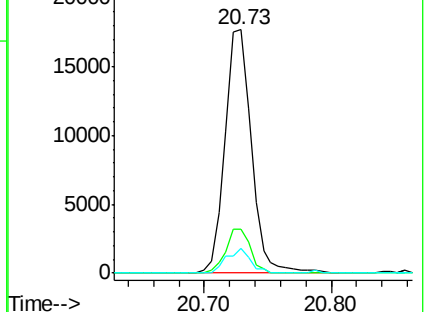
183 10.1 10.6 16.0#

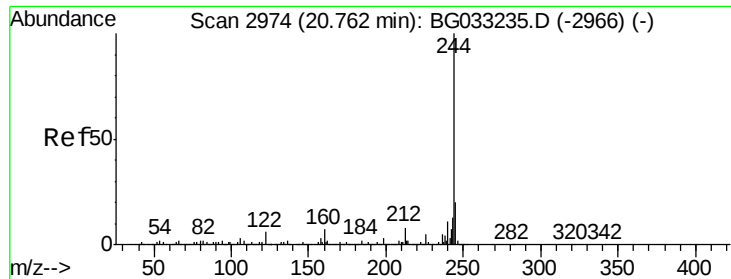


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

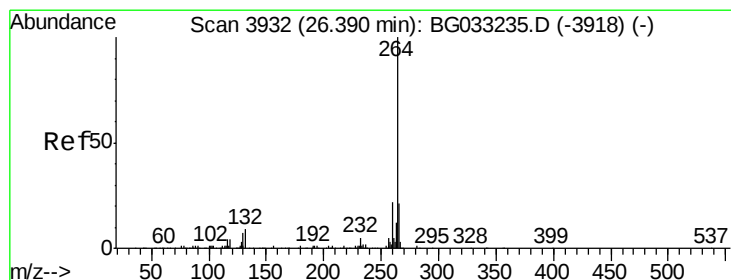
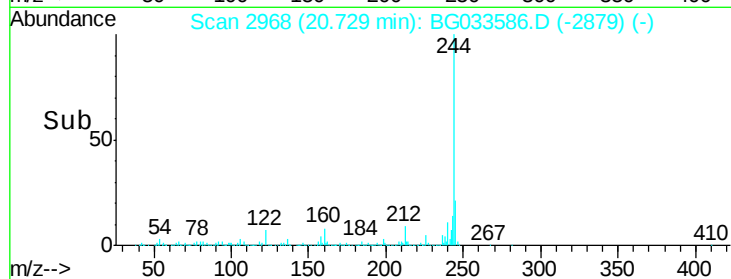
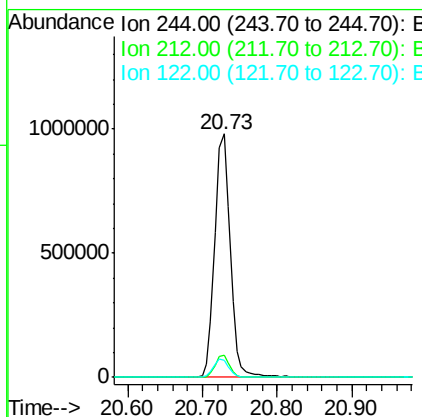
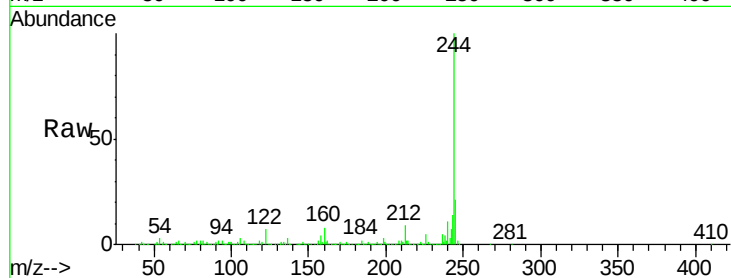
Ion 183.00 (182.70 to 183.70): E





#78
 Terphenyl-d14
 Concen: 95.738 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Tot Ion:244 Resp: 1428104
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 7.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033586.D
 Acq: 5 Apr 2018 8:49

Tgt Ion:264 Resp: 258320
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 22.6 17.7 26.5

