

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033584.D
 Acq On : 5 Apr 2018 7:34
 Operator : SJ/JU
 Sample : J2197-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

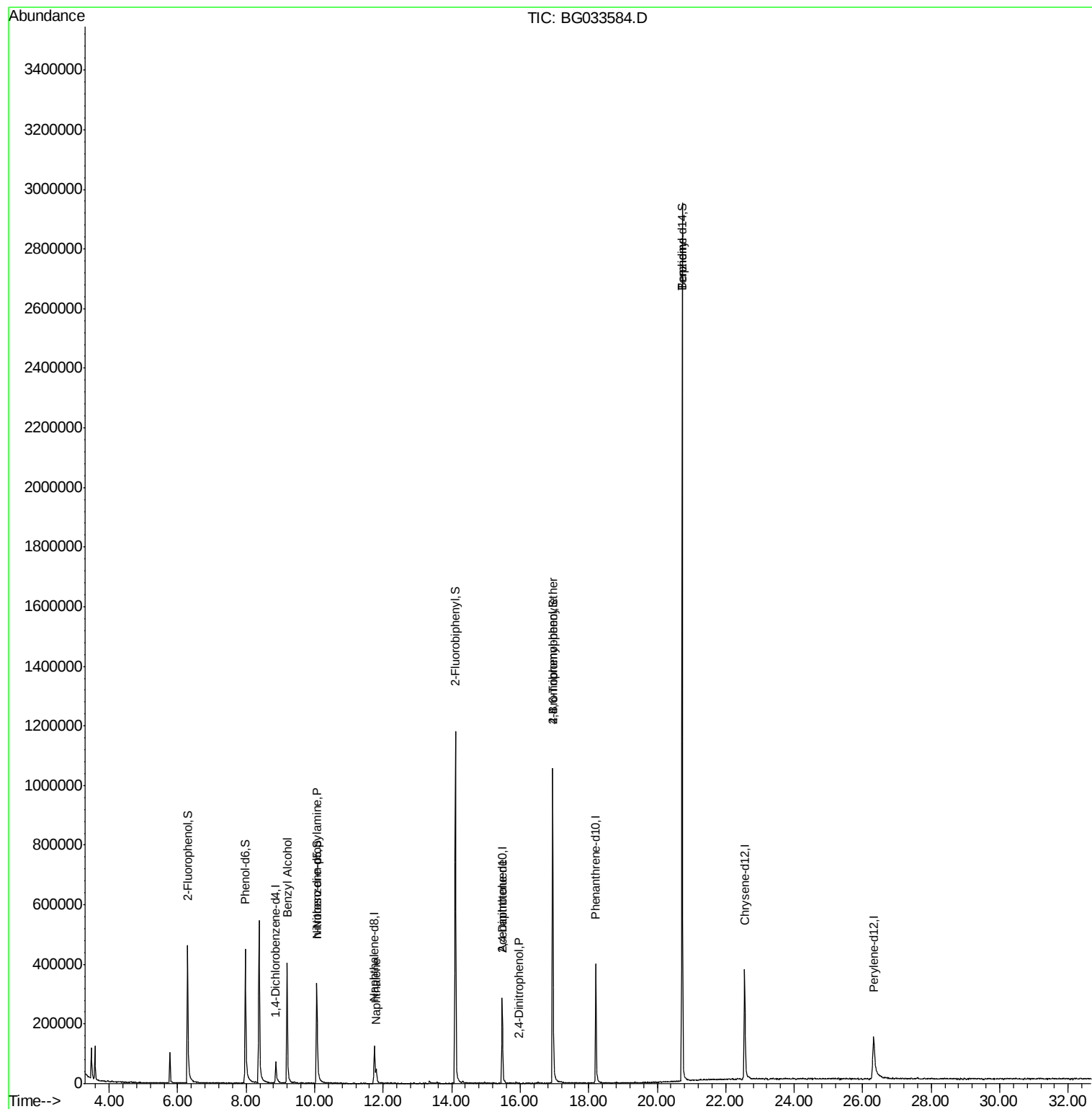
Quant Time: Apr 05 11:10:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27779	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	132122	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	108495	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	297514	20.00	ng	0.00
75) Chrysene-d12	22.56	240	301738	20.00	ng	0.00
86) Perylene-d12	26.33	264	252928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	239231	161.48	ng	0.00
7) Phenol-d6	7.97	99	338493	132.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	288585	100.35	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	218823	134.85	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	697012	92.74	ng	0.00
78) Terphenyl-d14	20.73	244	1467112	103.98	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4554	2.272	ng	# 54
19) n-Nitroso-di-n-propylamine	10.06	70	36048	19.327	ng	# 84
31) Naphthalene	11.80	128	41369	6.042	ng	# 97
53) 2,4-Dinitrophenol	15.97	184	68	7.704	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13869	4.879	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	16771	4.800	ng	# 1
76) Benizidine	20.73	184	26063	3.185	ng	# 93

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

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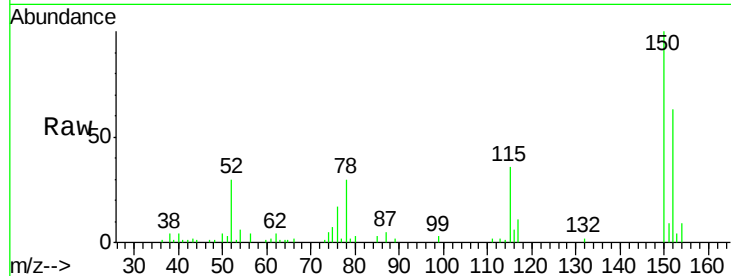




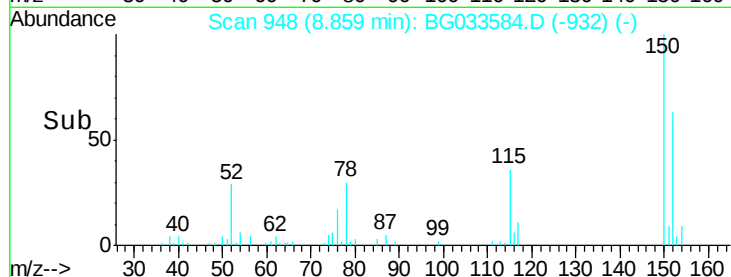
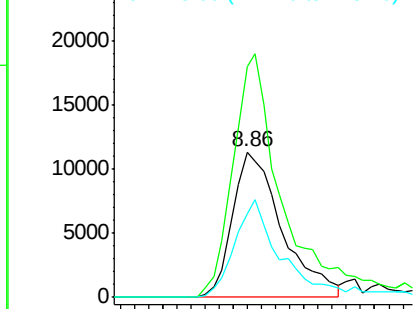
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033584.D
 Acq: 5 Apr 2018 7:34

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	57.4	53.0	79.4



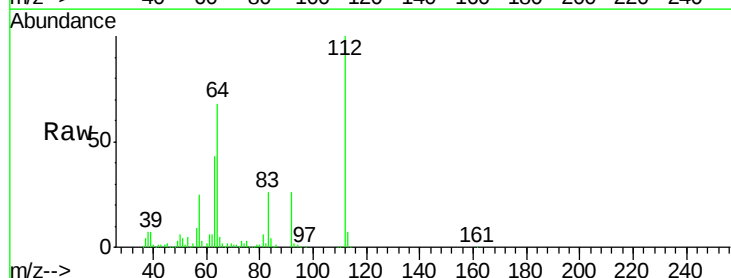
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



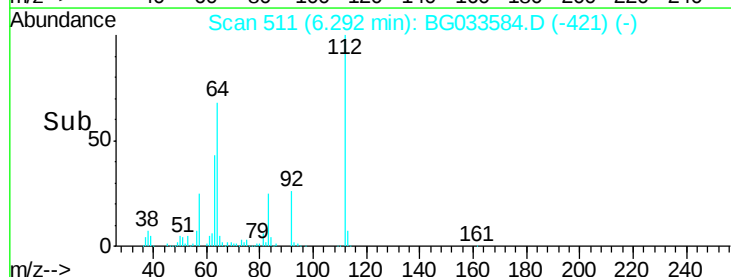
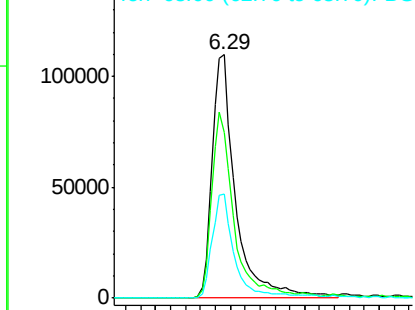
#5

2-Fluorophenol
 Concen: 161.484 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033584.D
 Acq: 5 Apr 2018 7:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	56.3	84.5
63	42.9	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 132.980 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033584.D

Acq: 5 Apr 2018 7:34

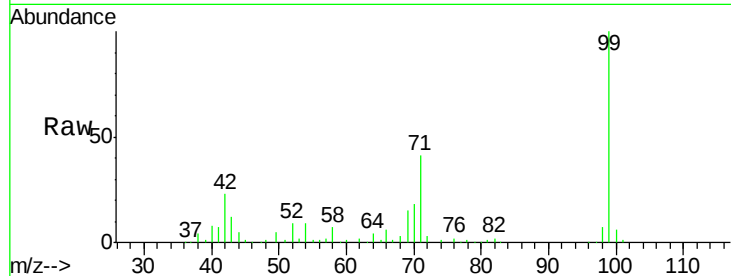
Tot Ion: 99 Resp: 338493

Ion Ratio Lower Upper

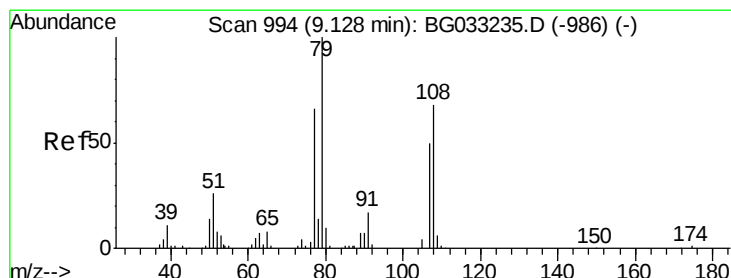
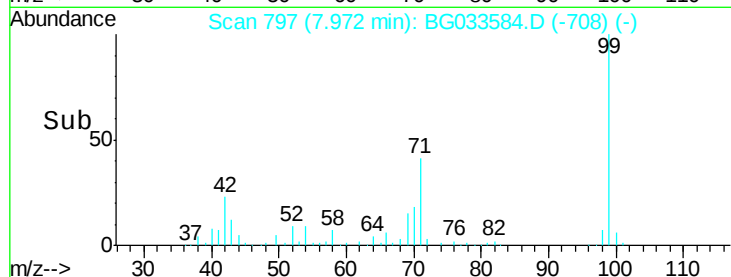
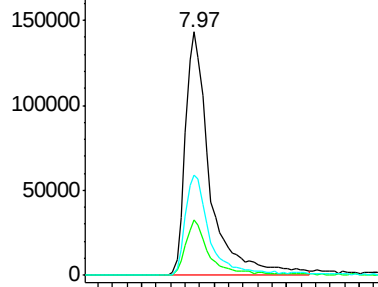
99 100

42 22.5 14.1 21.1#

71 41.3 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



#15

Benzyl Alcohol

Concen: 2.272 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033584.D

Acq: 5 Apr 2018 7:34

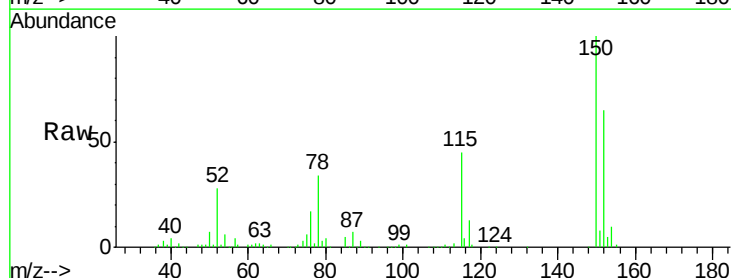
Tgt Ion: 79 Resp: 4554

Ion Ratio Lower Upper

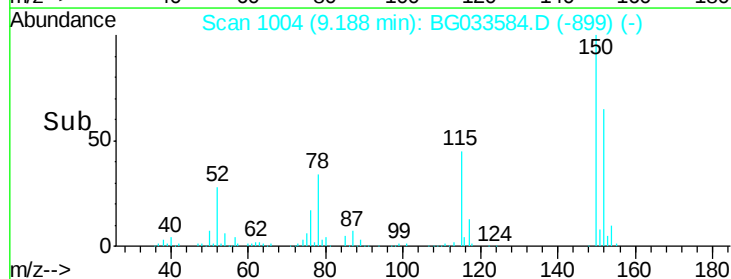
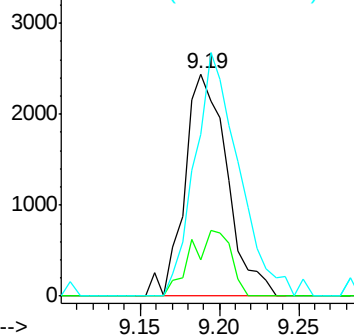
79 100

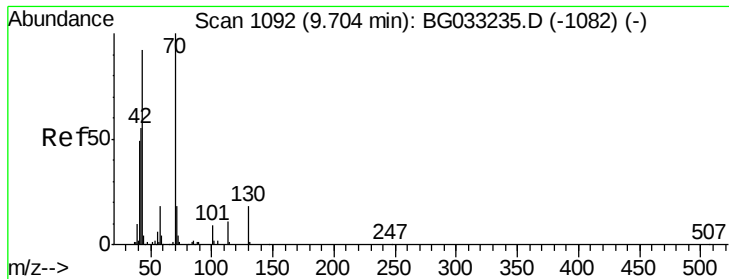
108 16.3 57.2 85.8#

77 72.7 46.1 69.1#



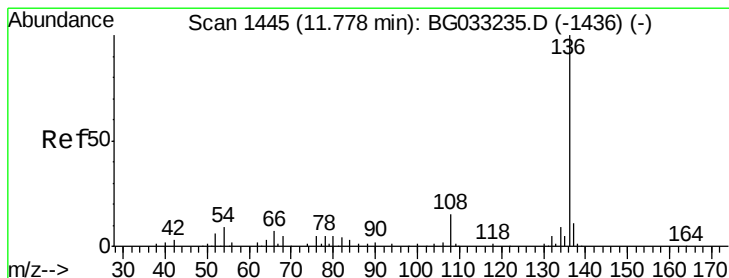
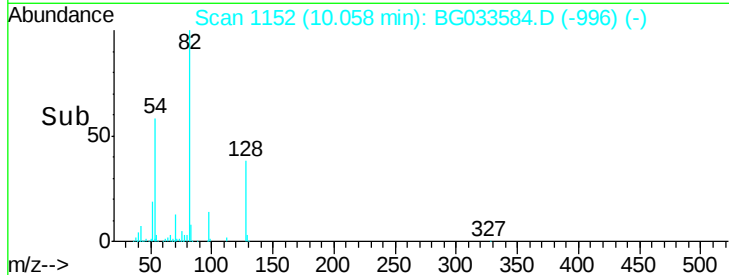
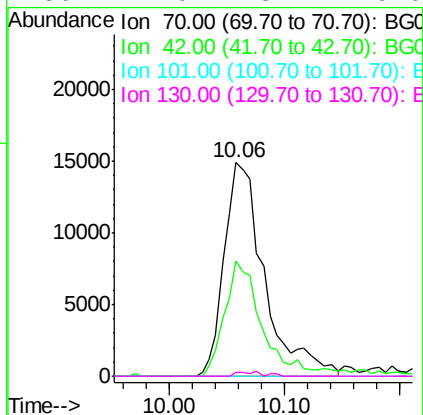
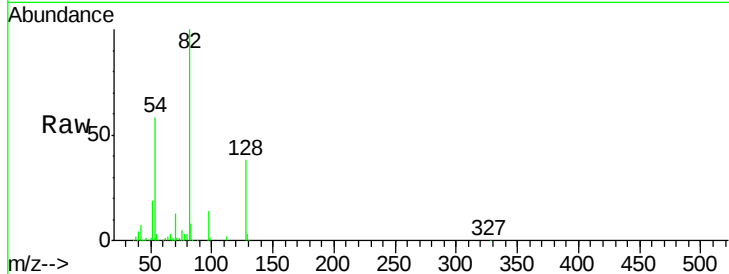
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





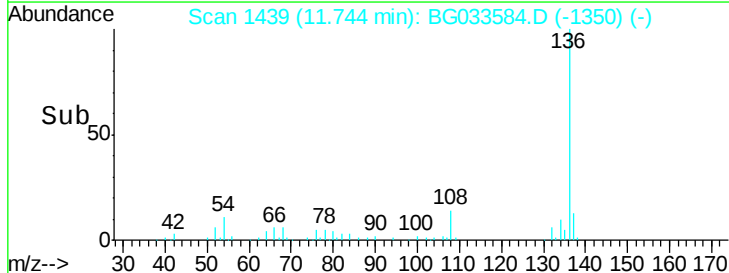
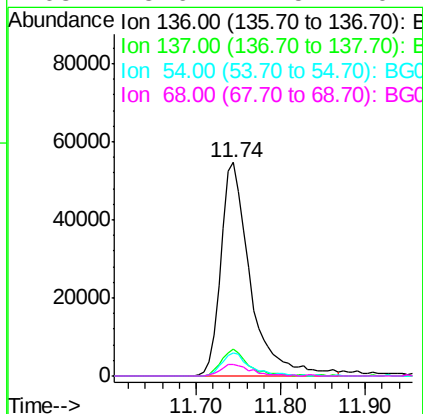
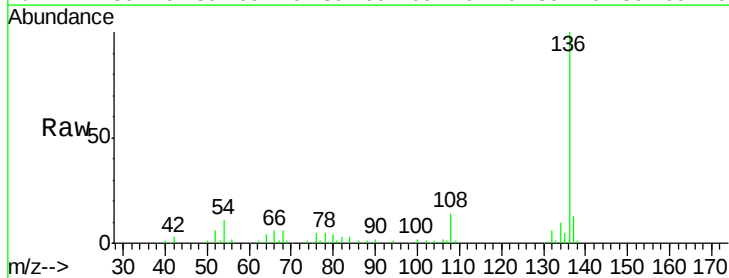
#19
n-Nitroso-di-n-propylamine
Concen: 19.327 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

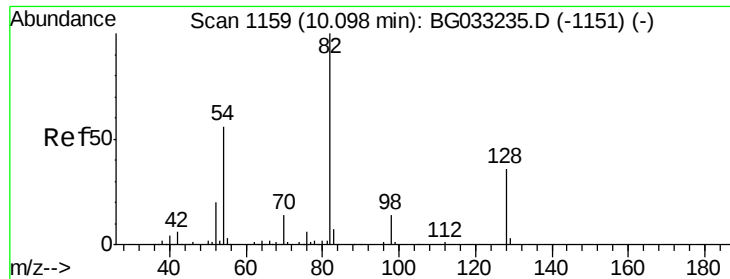
Tot Ion:	70	Resp:	36048
Ion	Ratio	Lower	Upper
70	100		
42	54.2	49.1	73.7
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

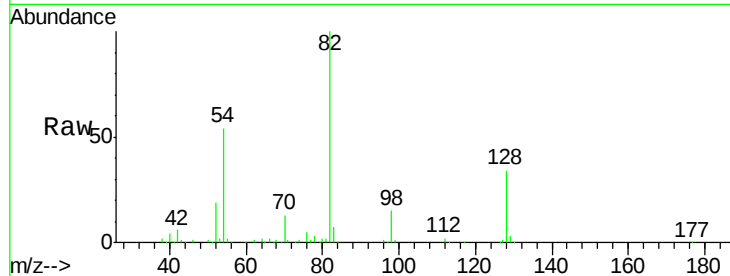
Tgt Ion:	136	Resp:	132122
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	10.9	10.3	15.5
68	5.6	4.5	6.7



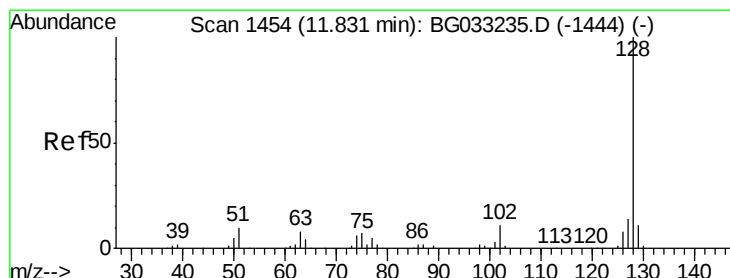
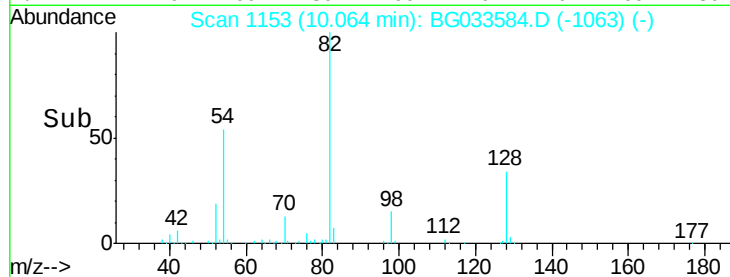
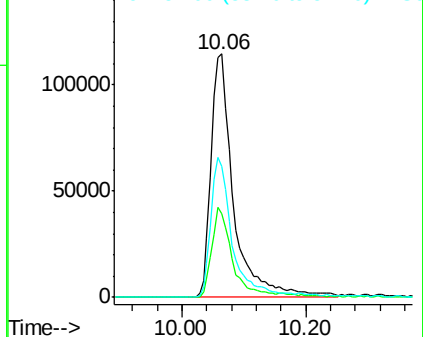


#23
Nitrobenzene-d5
Concen: 100.352 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tot Ion	82	Resp	288585
Ion Ratio	100	Lower	Upper
128	34.3	29.7	44.5
54	54.0	43.1	64.7

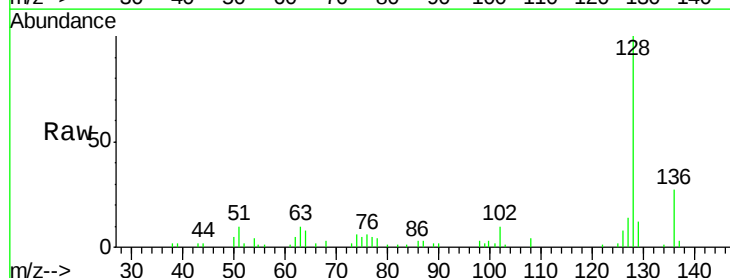


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

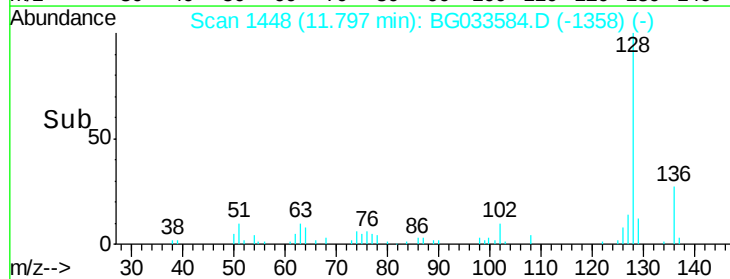
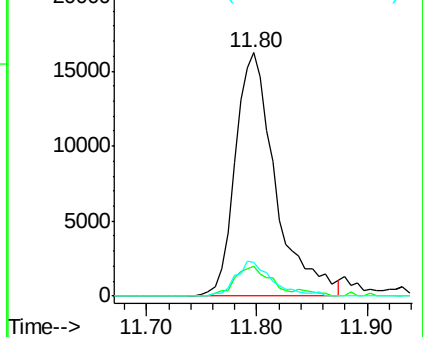


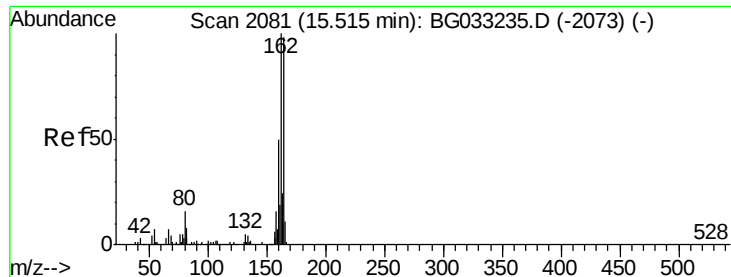
#31
Naphthalene
Concen: 6.042 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tgt Ion	128	Resp	41369
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	12.3	8.6	12.8
127	13.6	11.6	17.4



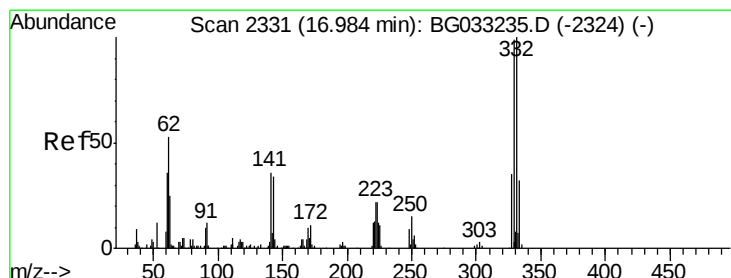
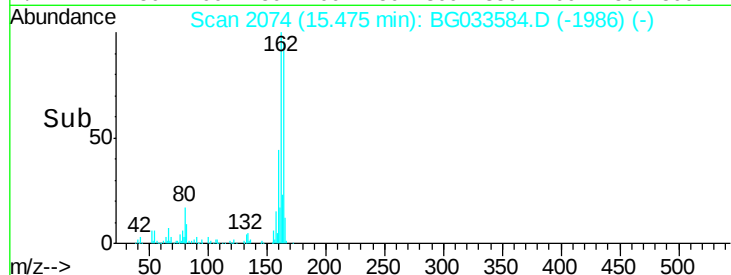
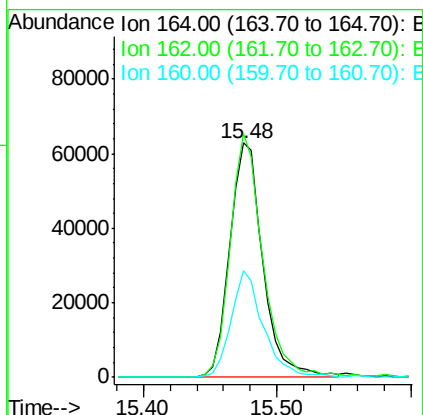
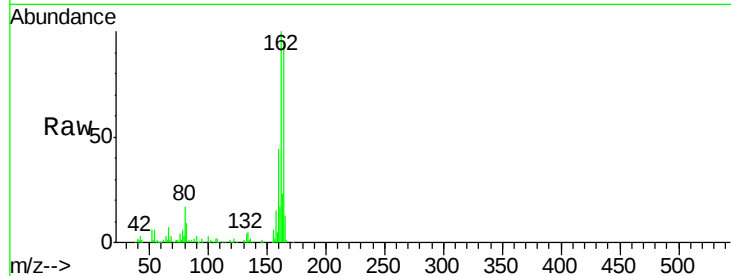
Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





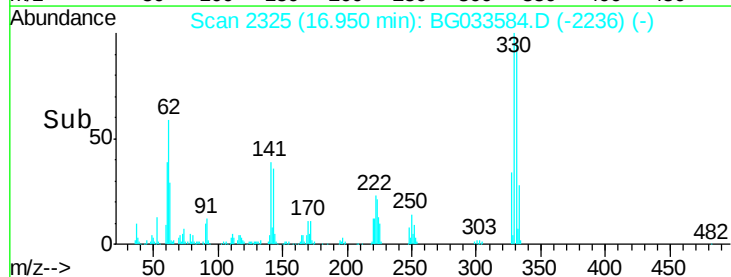
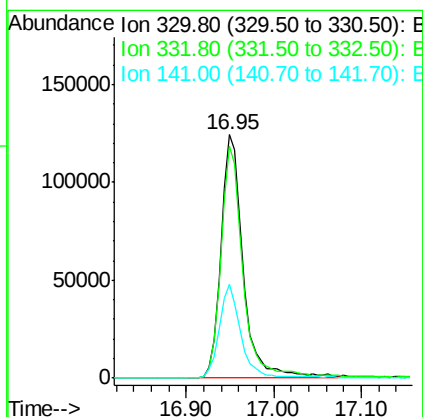
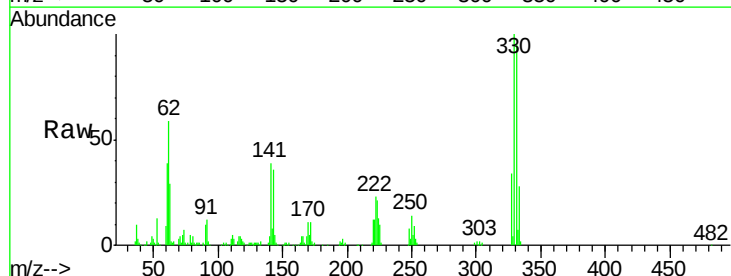
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

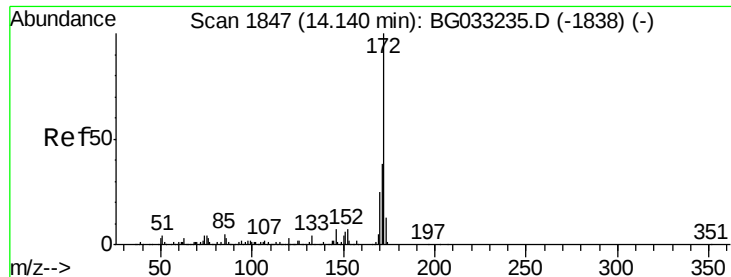
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	45.5	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 134.854 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

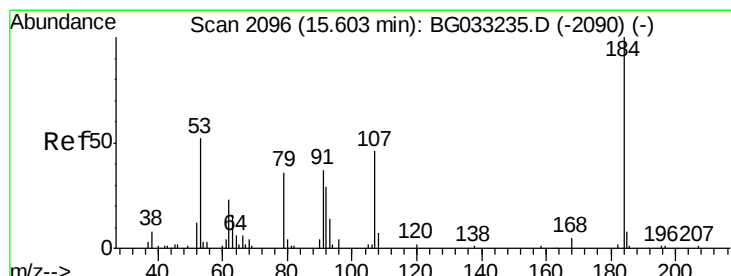
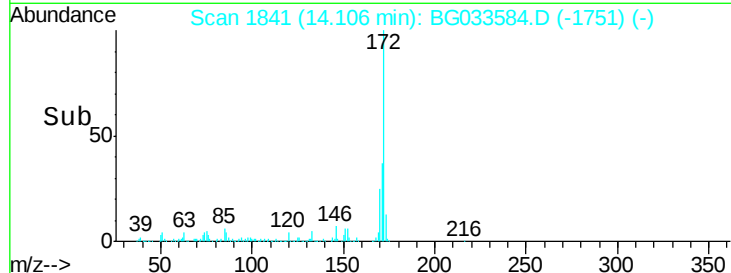
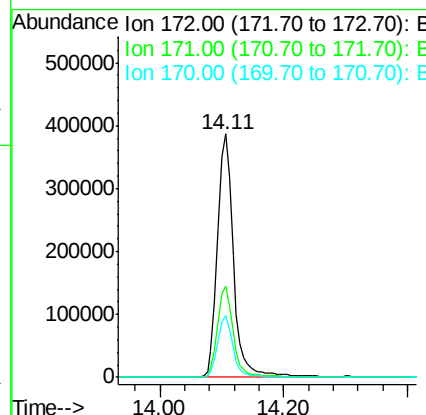
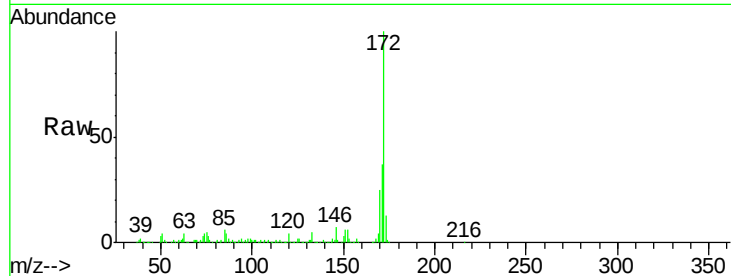
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	37.7	25.2	37.8





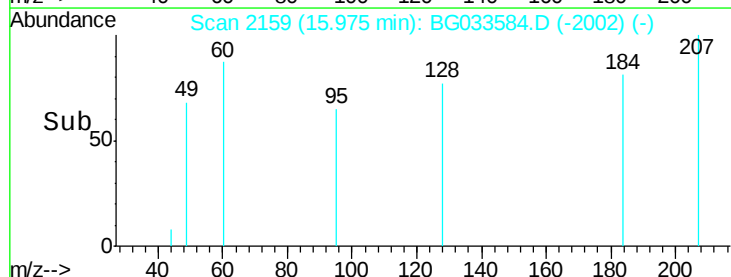
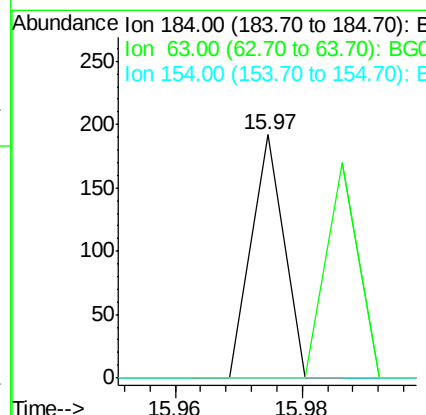
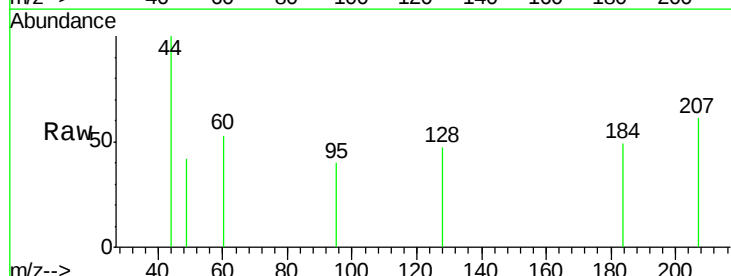
#44
2-Fluorobiphenyl
Concen: 92.744 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tot Ion:172 Resp: 697012
Ion Ratio Lower Upper
172 100
171 37.3 30.0 45.0
170 25.5 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 7.704 ng
RT: 15.97 min Scan# 2159
Delta R.T. 0.39 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

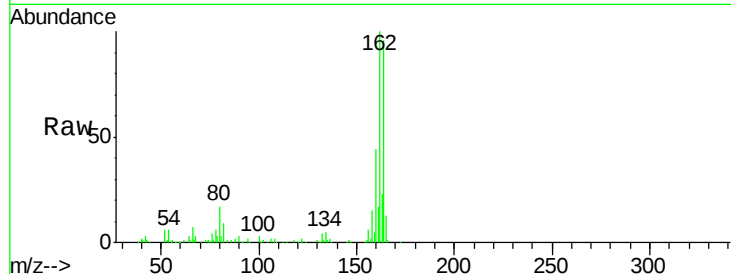
Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#





#56
 2,4-Dinitrotoluene
 Concen: 4.879 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033584.D
 Acq: 5 Apr 2018 7:34

Tot Ion:	165	Resp:	13869
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#

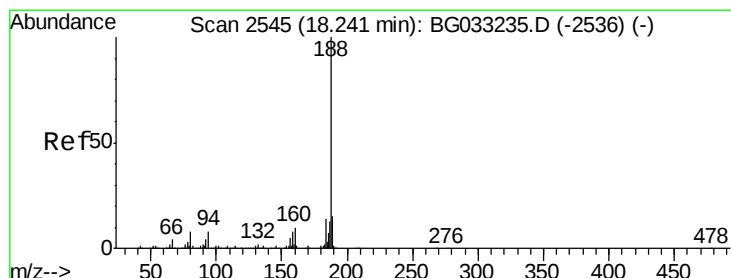
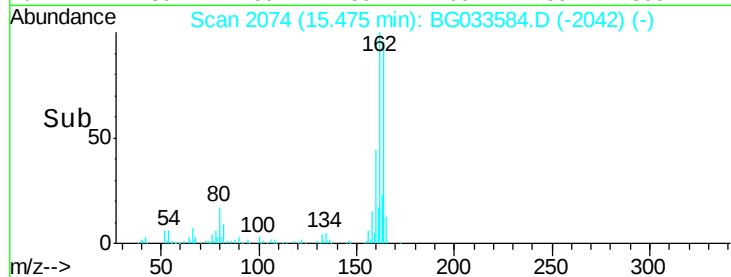
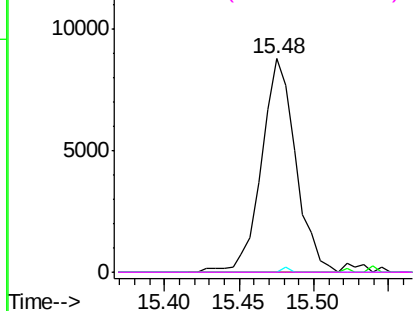


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

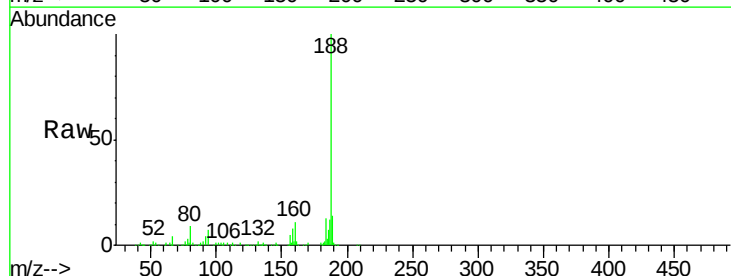
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033584.D
 Acq: 5 Apr 2018 7:34

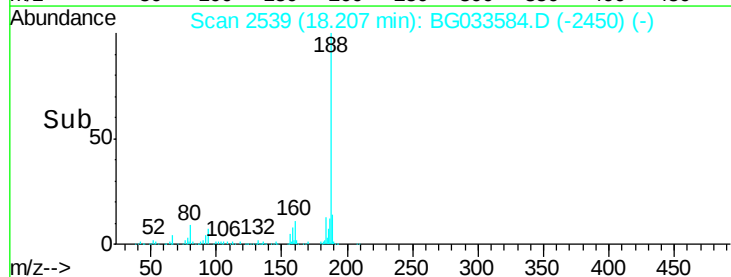
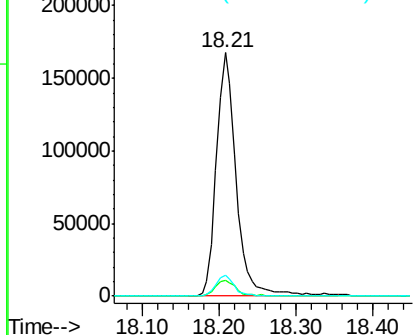
Tgt Ion:	188	Resp:	297514
Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	8.8	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

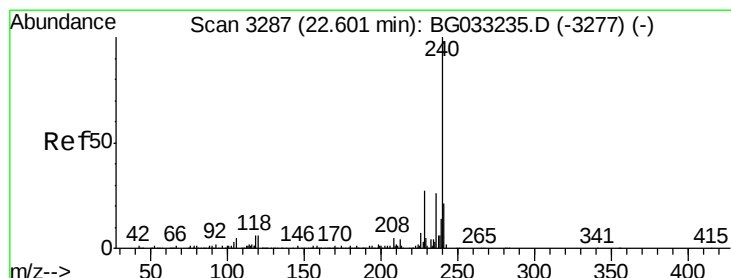
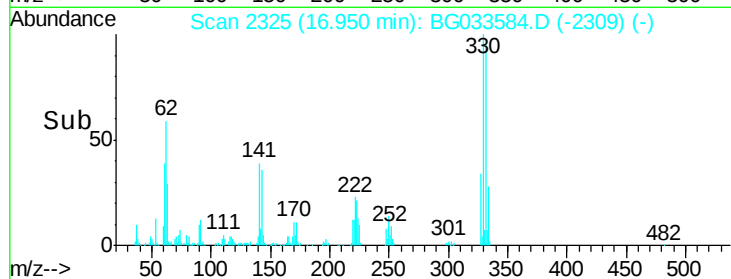
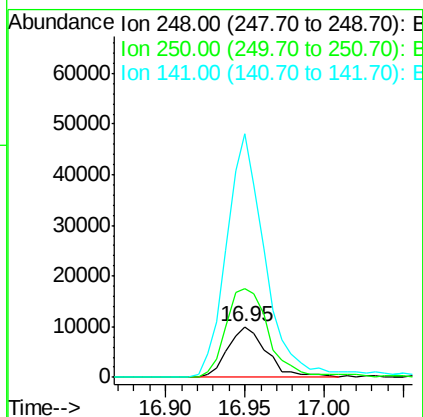
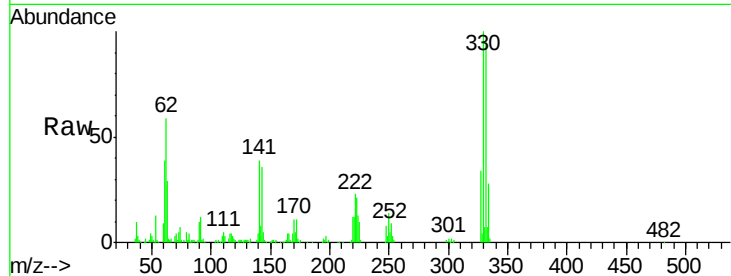
Ion 80.00 (79.70 to 80.70): BGC





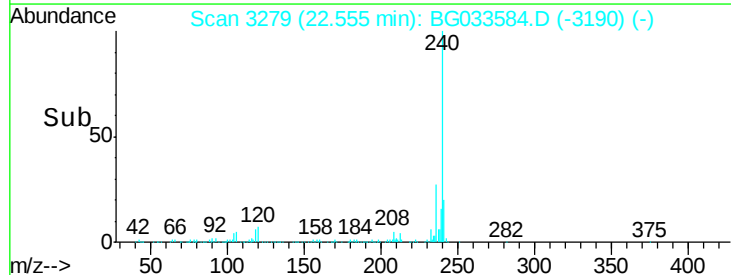
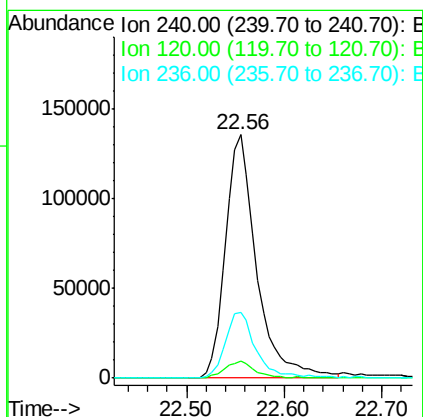
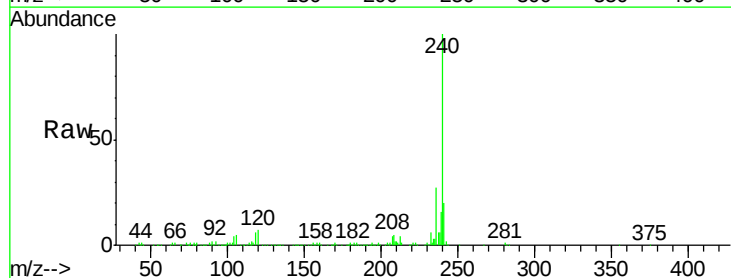
#66
4-Bromophenyl-phenylether
Concen: 4.800 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

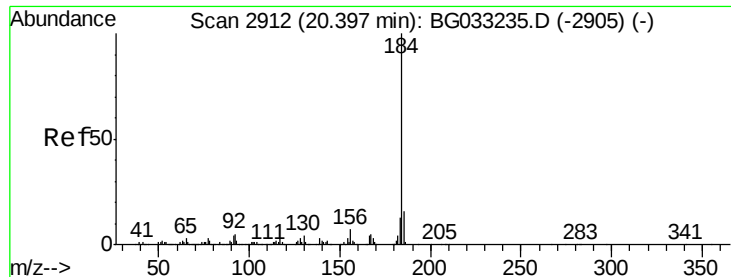
Tot Ion:248 Resp: 16771
Ion Ratio Lower Upper
248 100
250 174.5 77.1 115.7#
141 481.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tgt Ion:240 Resp: 301738
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 27.0 20.9 31.3





#76

Benzidine

Concen: 3.185 ng

RT: 20.73 min Scan# 2968

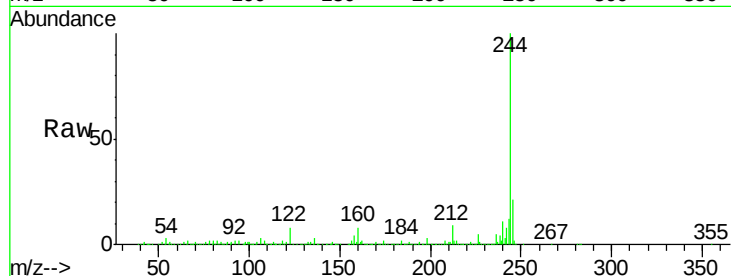
Delta R.T. 0.36 min

Lab File: BG033584.D

Acq: 5 Apr 2018 7:34

Tot Ion:184 Resp: 26063

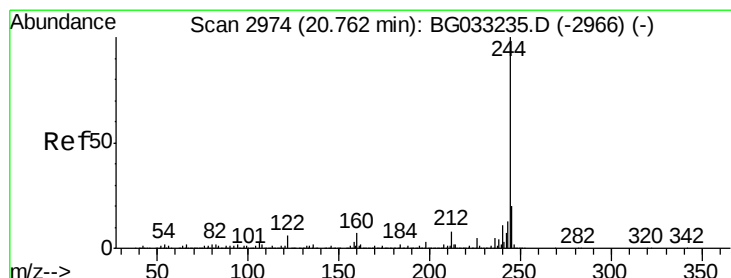
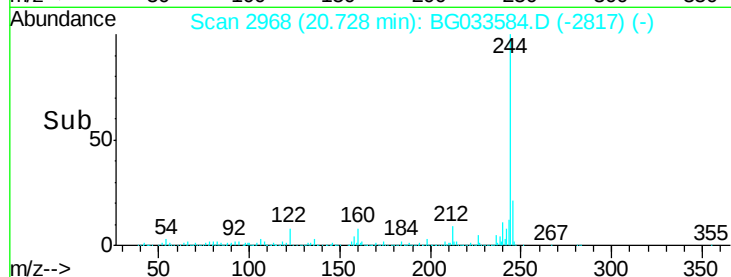
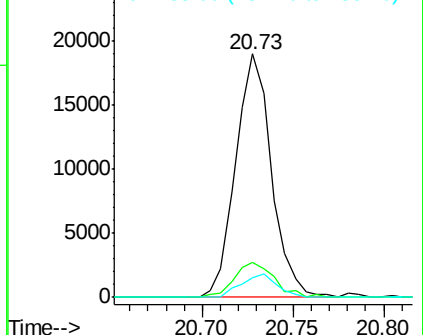
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	8.1	10.6	16.0#



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: 103.983 ng

RT: 20.73 min Scan# 2968

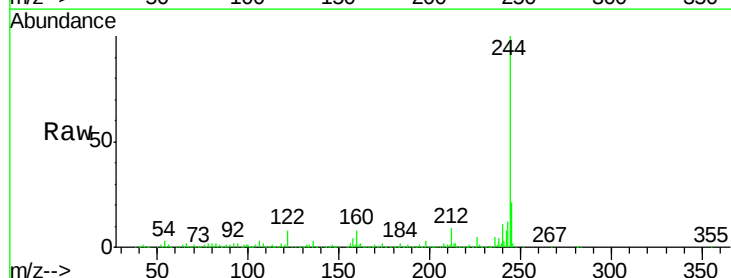
Delta R.T. -0.01 min

Lab File: BG033584.D

Acq: 5 Apr 2018 7:34

Tgt Ion:244 Resp: 1467112

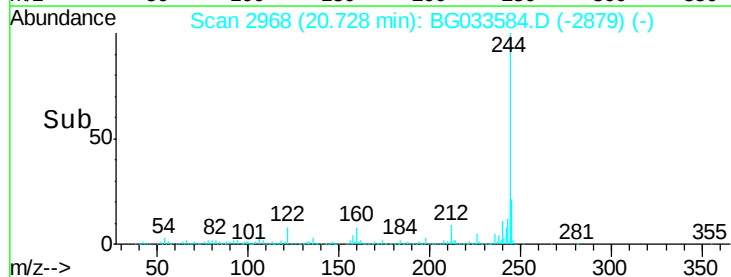
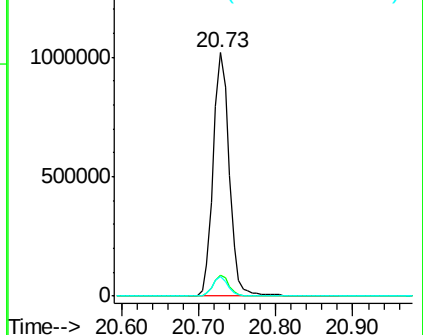
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.9	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

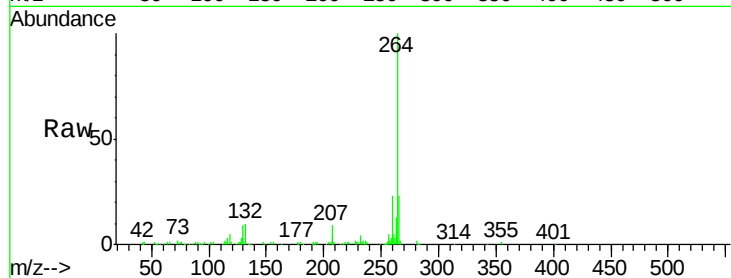
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BG033584.D
Acq: 5 Apr 2018 7:34

Tot Ion:	264	Resp:	252928
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.5	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

