

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033564.D
 Acq On : 4 Apr 2018 17:43
 Operator : SJ/JU
 Sample : J2177-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

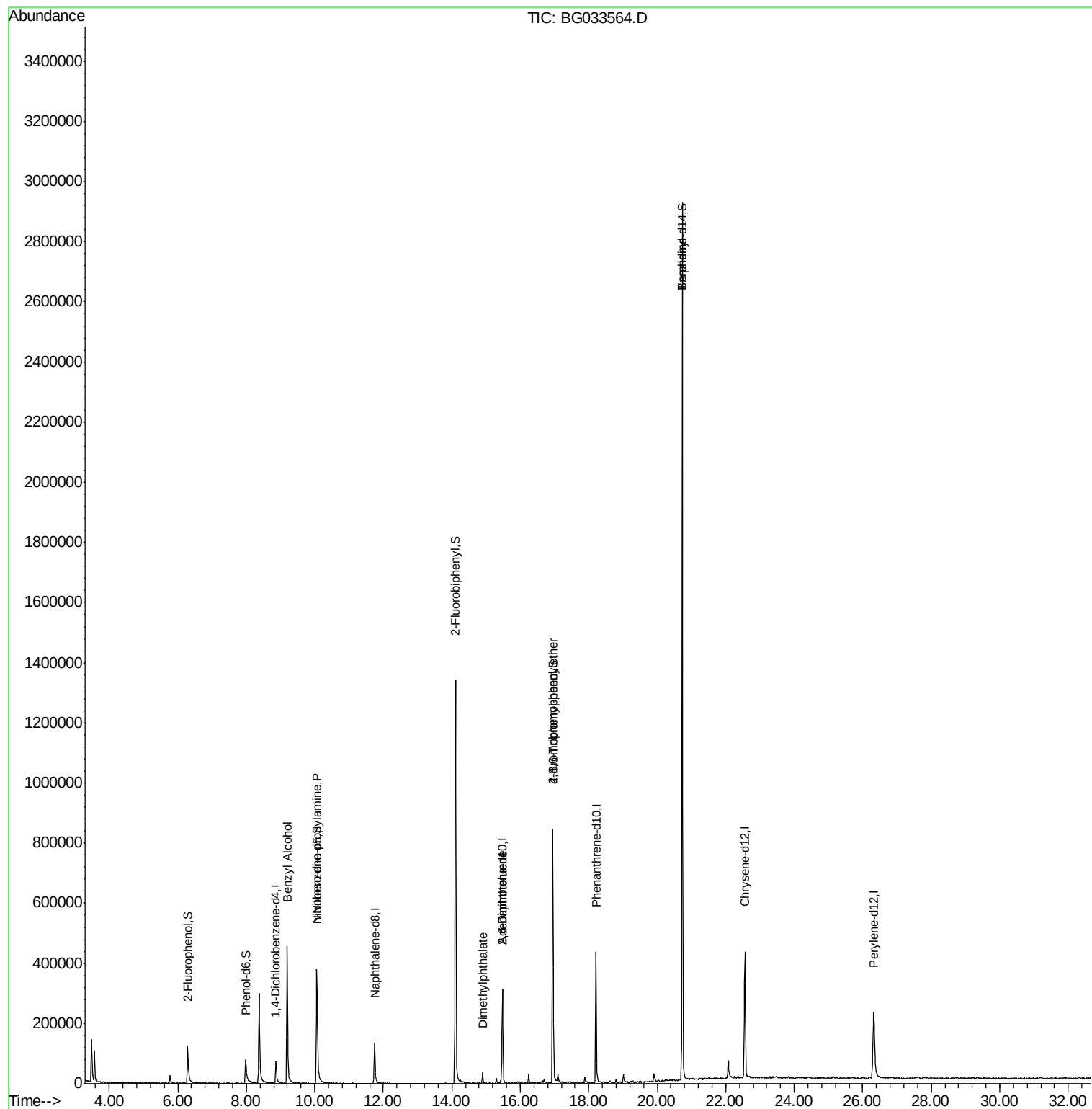
Quant Time: Apr 04 18:39:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

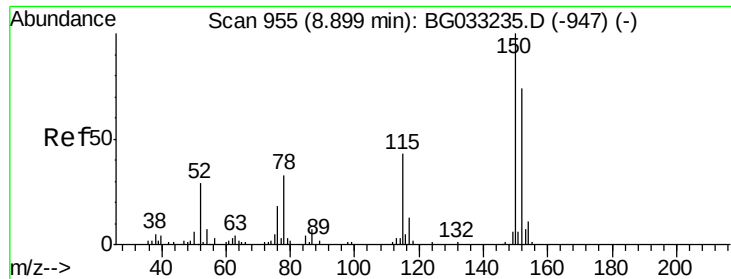
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	29849	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	139973	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	119524	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317804	20.00	ng	0.00
75) Chrysene-d12	22.56	240	318908	20.00	ng	0.00
86) Perylene-d12	26.32	264	334863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	69568	43.70	ng	0.00
7) Phenol-d6	7.98	99	69278	25.33	ng	0.00
23) Nitrobenzene-d5	10.06	82	319077	104.73	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	169244	94.68	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	788567	95.24	ng	0.00
78) Terphenyl-d14	20.73	244	1420262	95.24	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.20	79	5172	2.402	ng	# 58
19) n-Nitroso-di-n-propylamine	10.06	70	42005	20.959	ng	# 69
49) Dimethylphthalate	14.90	163	24880	2.392	ng	# 95
50) 2,6-Dinitrotoluene	15.48	165	15236	7.164	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	15237	4.866	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	12316	3.300	ng	# 1
76) Benizidine	20.73	184	24062	2.782	ng	# 93

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

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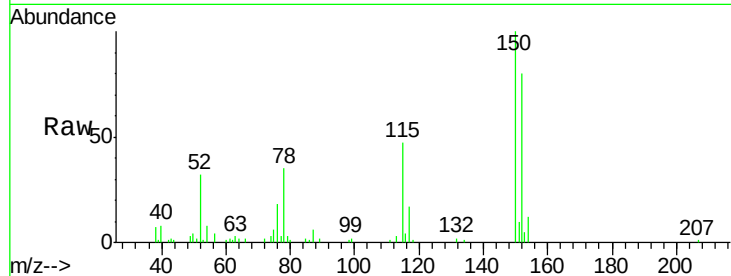




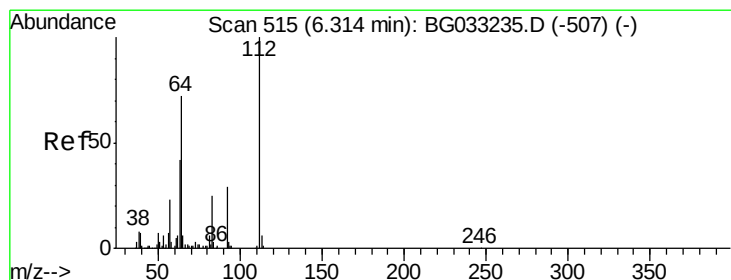
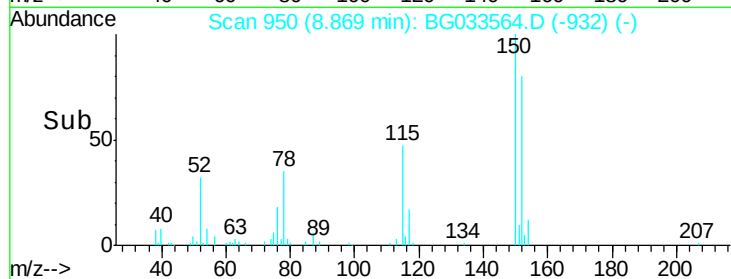
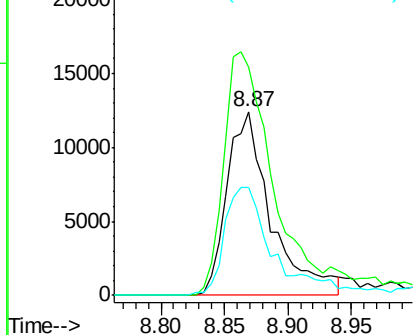
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033564.D
Acq: 4 Apr 2018 17:43

Tot Ion	Ratio	Lower	Upper
152	100		
150	124.5	126.6	189.8#
115	59.0	53.0	79.4



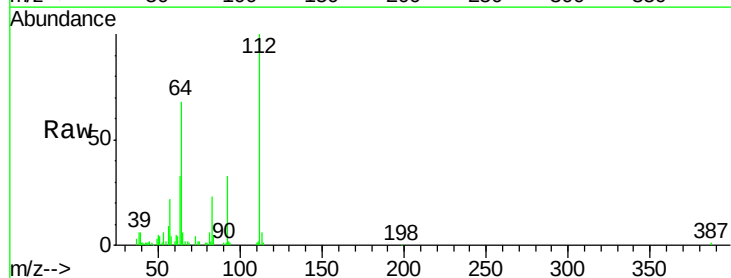
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



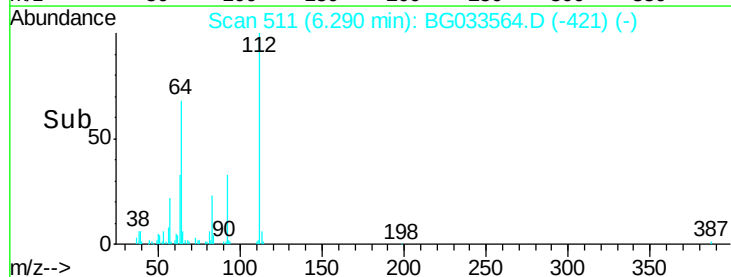
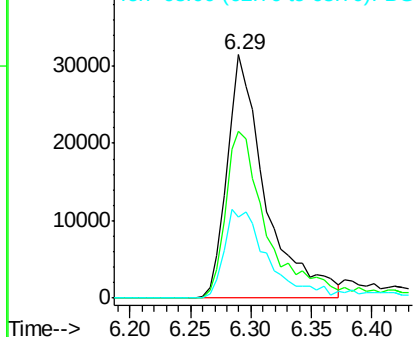
#5

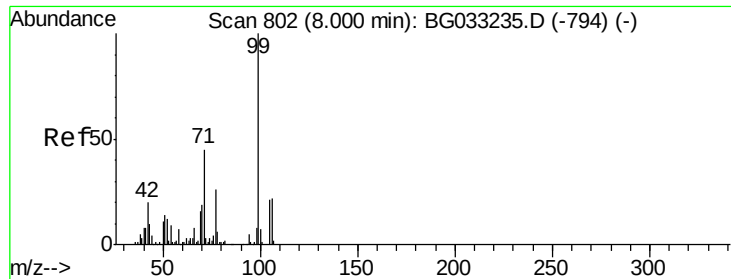
2-Fluorophenol
Concen: 43.703 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033564.D
Acq: 4 Apr 2018 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.3	84.5
63	33.4	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: 25.329 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033564.D

Acq: 4 Apr 2018 17:43

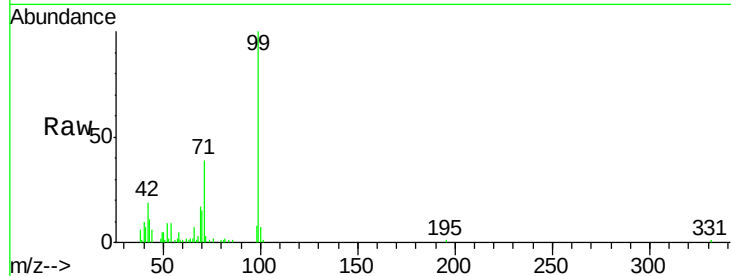
Tot Ion: 99 Resp: 69278

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	38.7	26.1	39.1

99 100

42 18.8 14.1 21.1

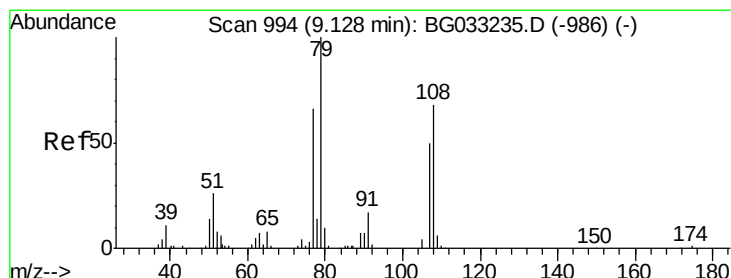
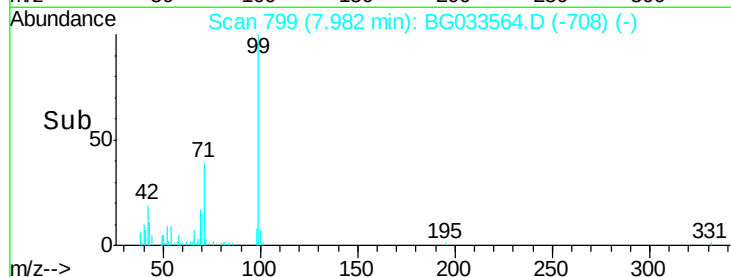
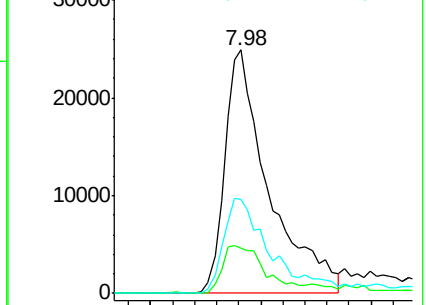
71 38.7 26.1 39.1



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



#15

Benzyl Alcohol

Concen: 2.402 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033564.D

Acq: 4 Apr 2018 17:43

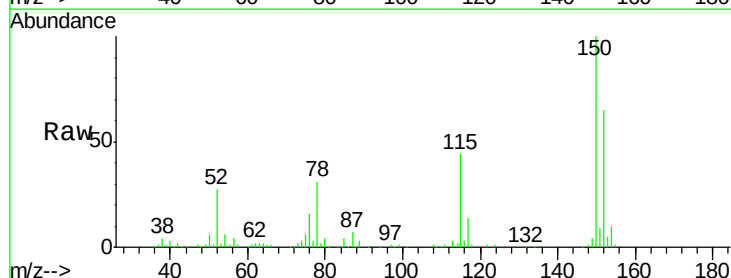
Tgt Ion: 79 Resp: 5172

Ion	Ratio	Lower	Upper
79	100		
108	49.9	57.2	85.8#
77	103.4	46.1	69.1#

79 100

108 49.9 57.2 85.8#

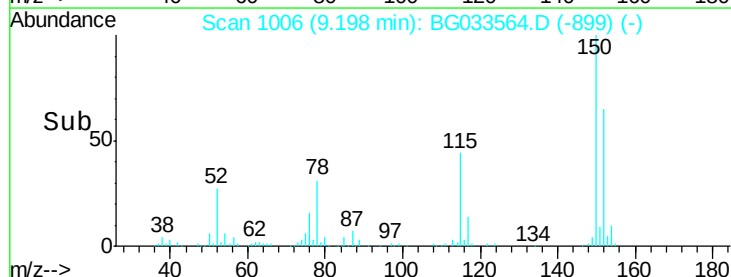
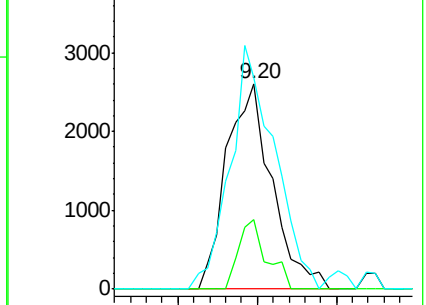
77 103.4 46.1 69.1#

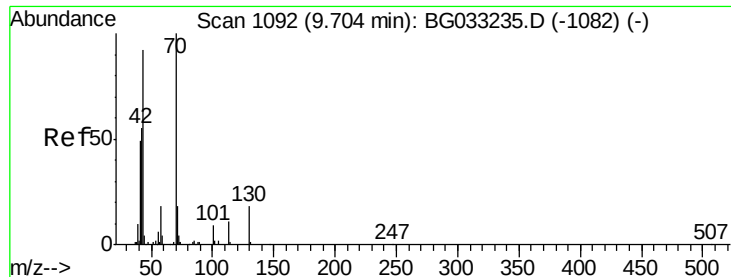


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

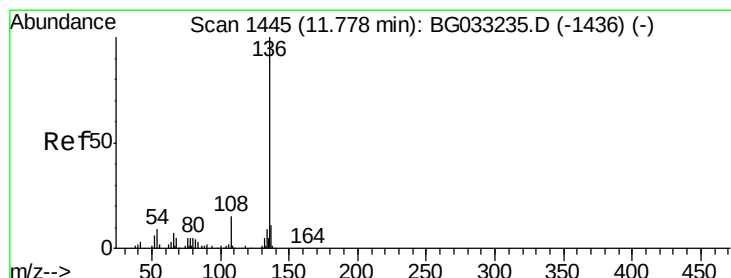
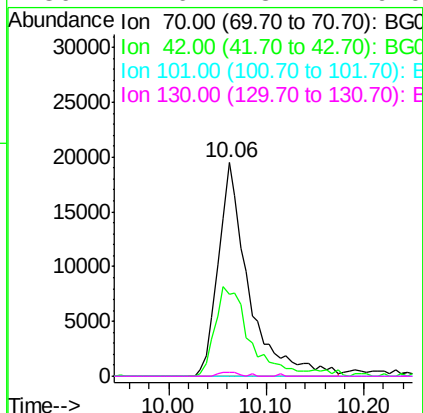
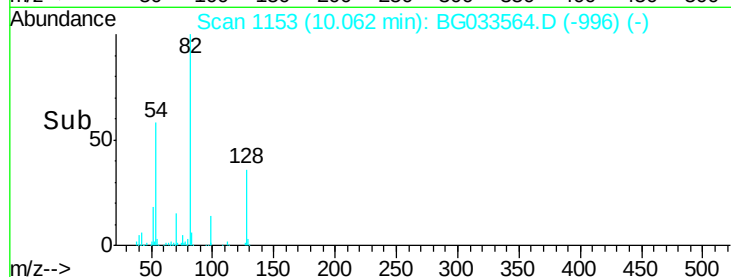
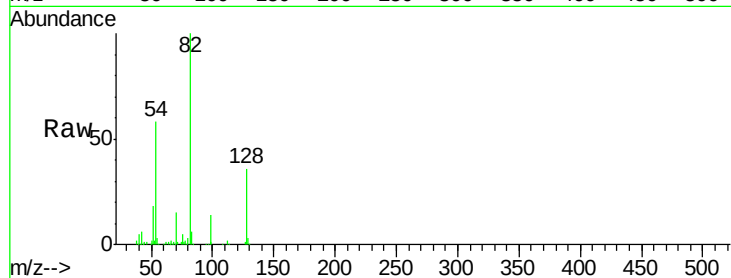
Ion 77.00 (76.70 to 77.70): BGC





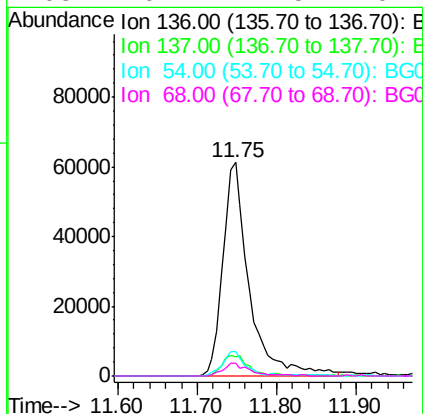
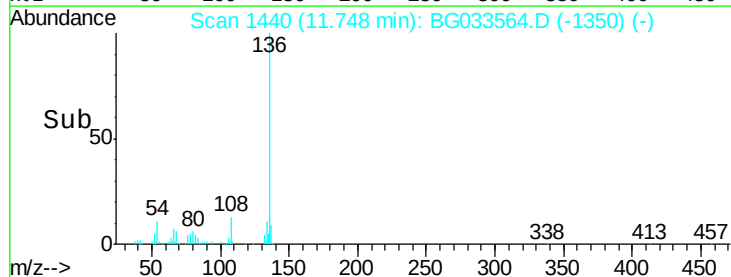
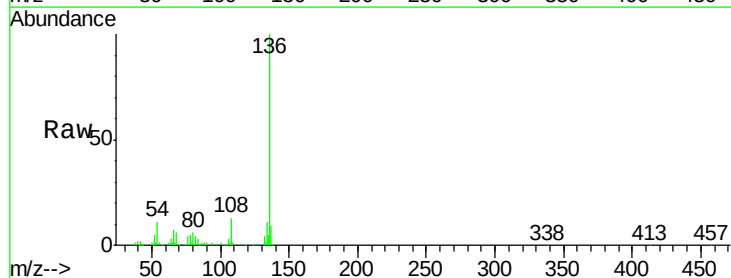
#19
 n-Nitroso-di-n-propylamine
 Concen: 20.959 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.39 min
 Lab File: BG033564.D
 Acq: 4 Apr 2018 17:43

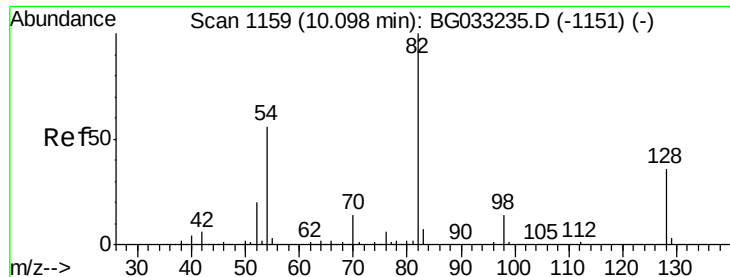
Tot Ion:	70	Resp:	42005
Ion	Ratio	Lower	Upper
70	100		
42	38.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BG033564.D
 Acq: 4 Apr 2018 17:43

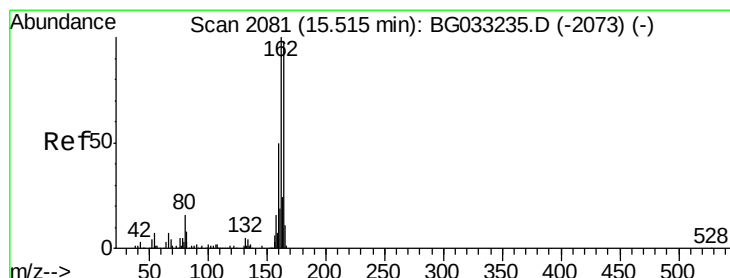
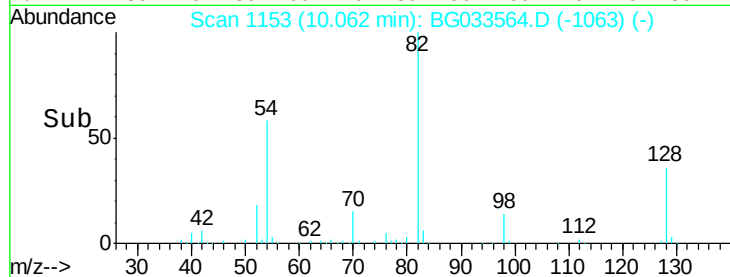
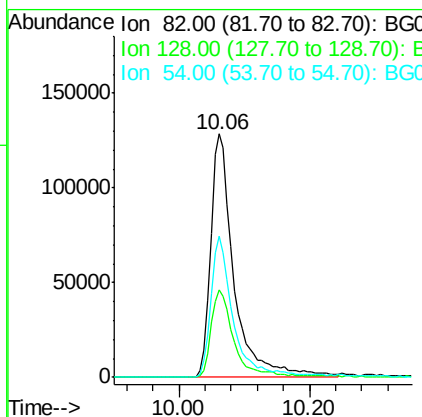
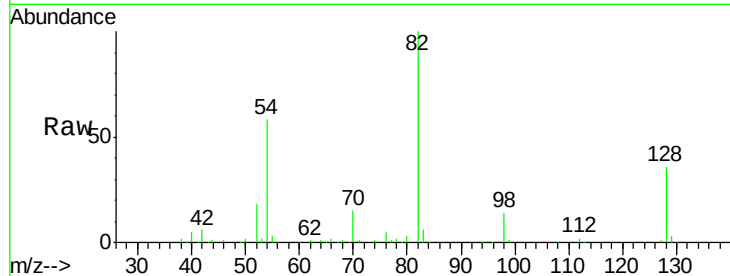
Tgt Ion:	136	Resp:	139973
Ion	Ratio	Lower	Upper
136	100		
137	8.7	9.2	13.8#
54	11.4	10.3	15.5
68	6.1	4.5	6.7





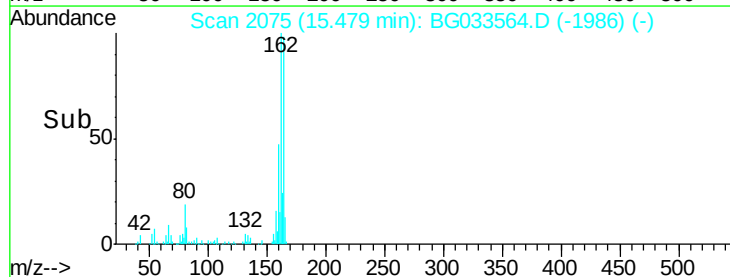
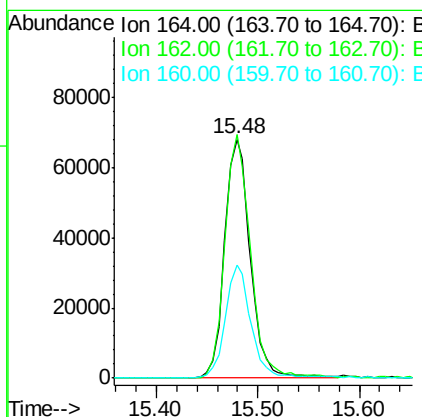
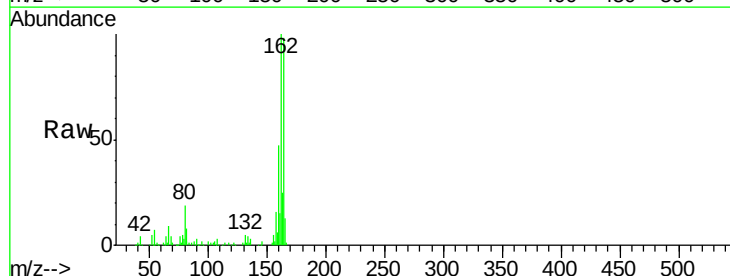
#23
 Nitrobenzene-d5
 Concen: 104.732 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033564.D
 Acq: 4 Apr 2018 17:43

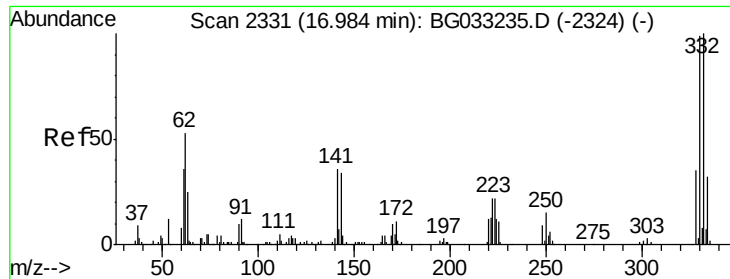
Tot Ion: 82 Resp: 319077
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 58.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033564.D
 Acq: 4 Apr 2018 17:43

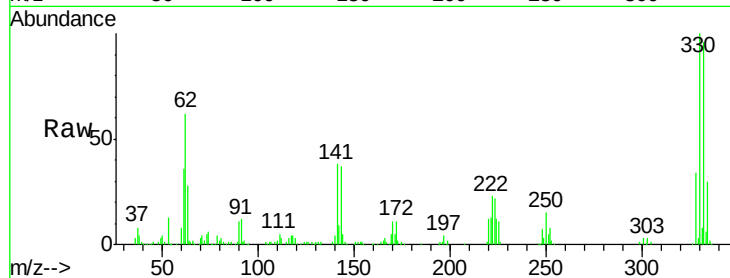
Tgt Ion: 164 Resp: 119524
 Ion Ratio Lower Upper
 164 100
 162 101.9 78.8 118.2
 160 47.4 35.4 53.0



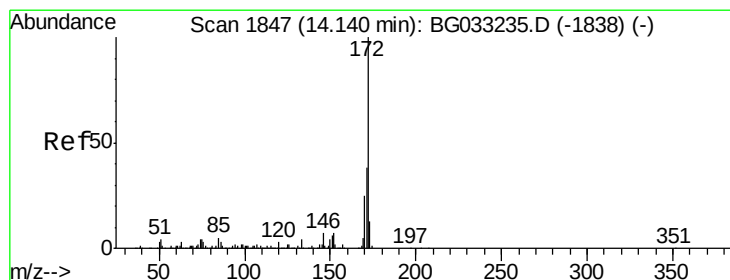
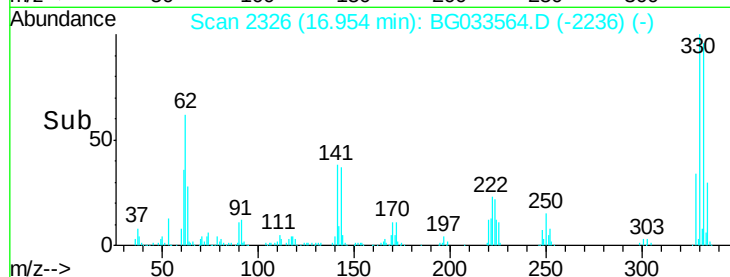
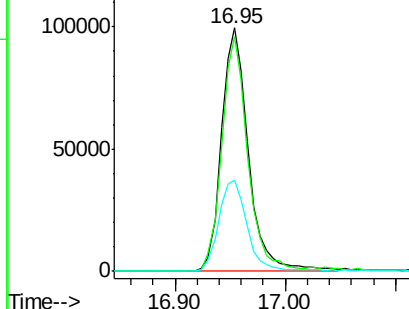


#41
 2,4,6-Tribromophenol
 Concen: 94.676 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033564.D
 Acq: 4 Apr 2018 17:43

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	38.7	25.2	37.8#

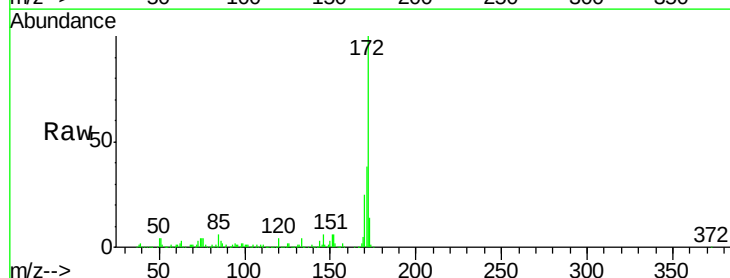


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

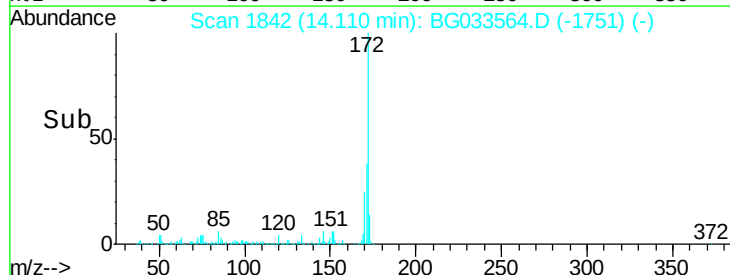
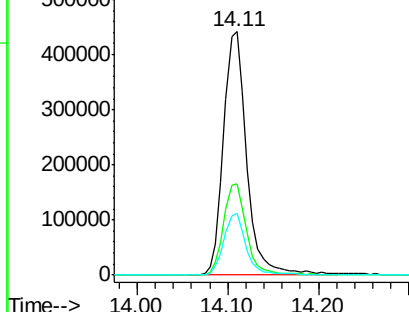


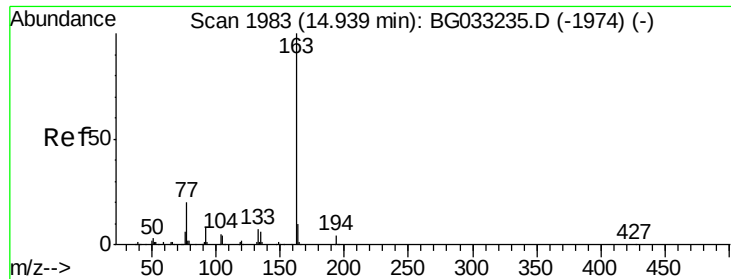
#44
 2-Fluorobiphenyl
 Concen: 95.245 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033564.D
 Acq: 4 Apr 2018 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.4	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





#49

Dimethylphthalate

Concen: 2.392 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033564.D

Acq: 4 Apr 2018 17:43

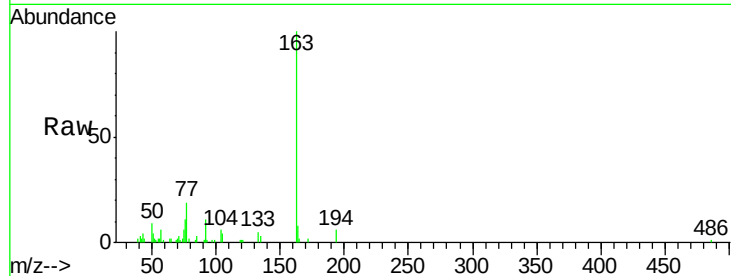
Tot Ion:163 Resp: 24880

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

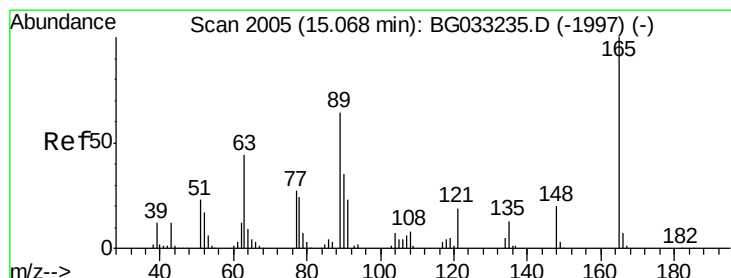
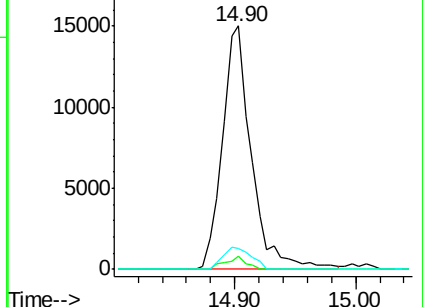
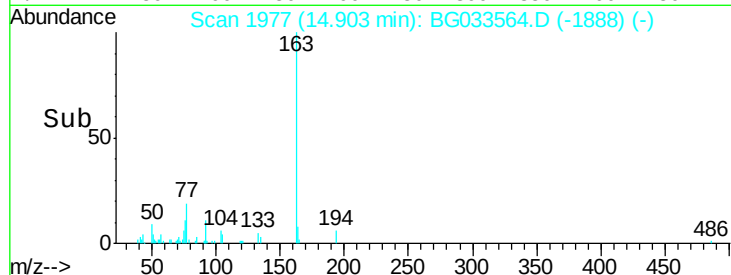
164 8.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.164 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.44 min

Lab File: BG033564.D

Acq: 4 Apr 2018 17:43

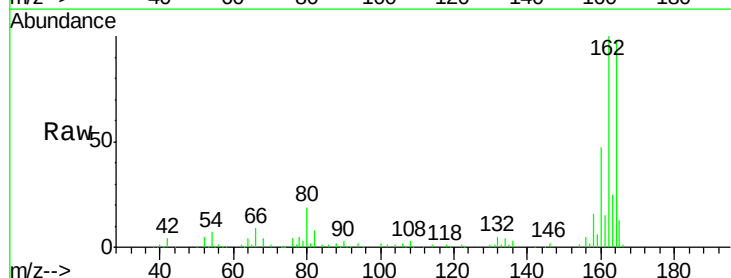
Tgt Ion:165 Resp: 15236

Ion Ratio Lower Upper

165 100

63 1.7 52.7 79.1#

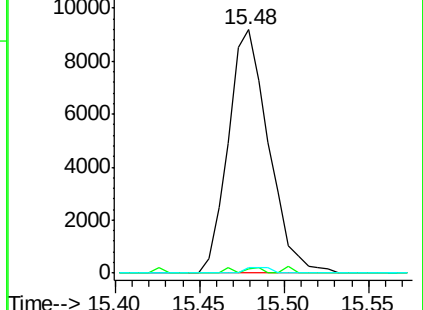
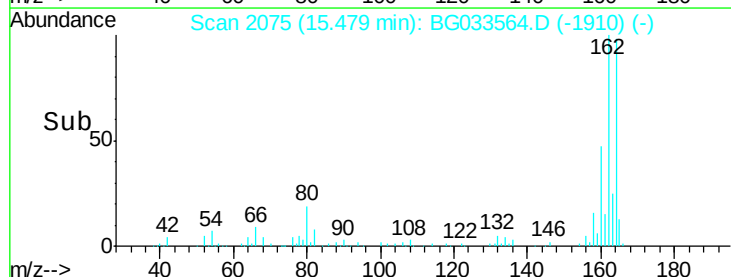
89 2.1 49.2 73.8#

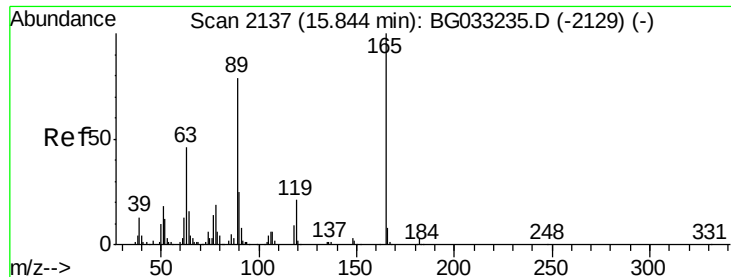


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

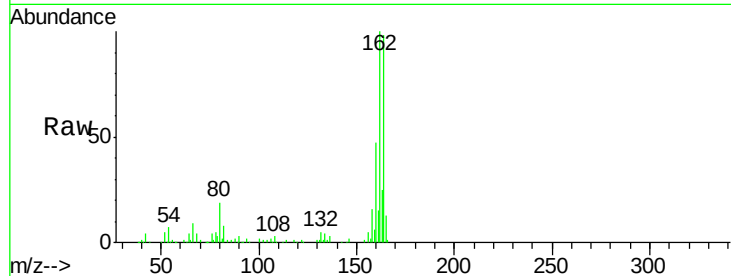
Ion 89.00 (88.70 to 89.70): BGC





#56
 2,4-Dinitrotoluene
 Concen: 4.866 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033564.D
 Acq: 4 Apr 2018 17:43

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#

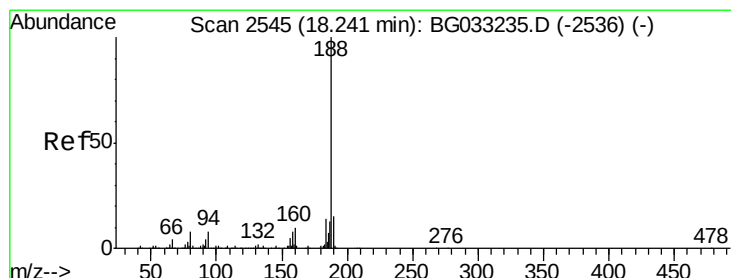
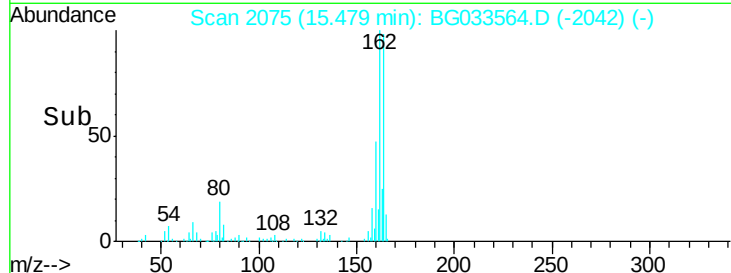
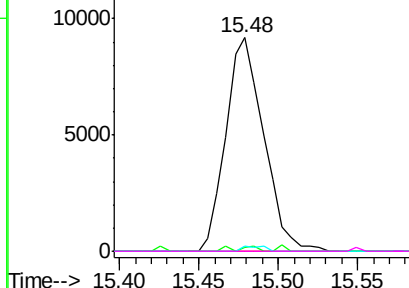


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

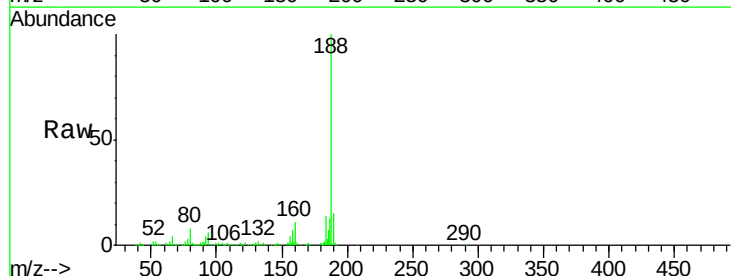
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033564.D
 Acq: 4 Apr 2018 17:43

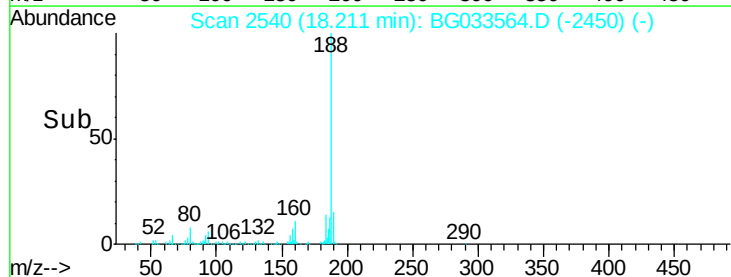
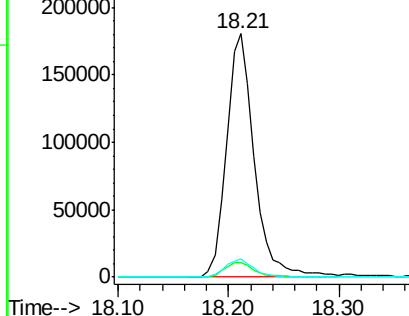
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.7	7.7	11.5

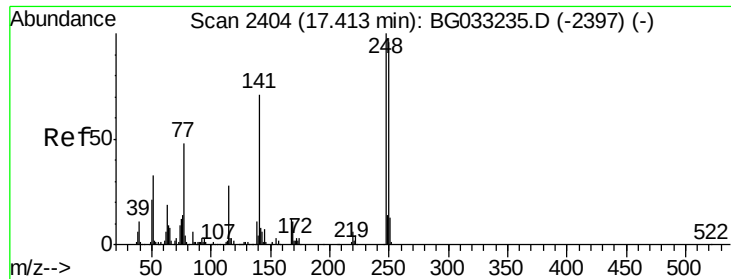


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

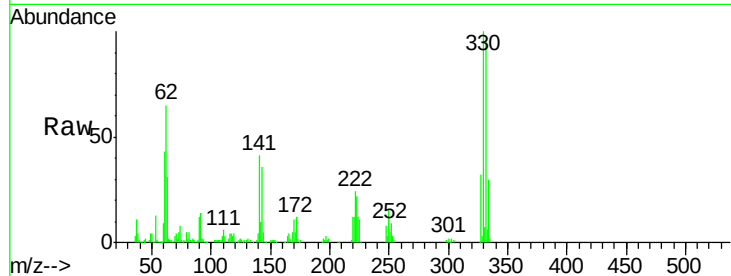
Ion 80.00 (79.70 to 80.70): BGC



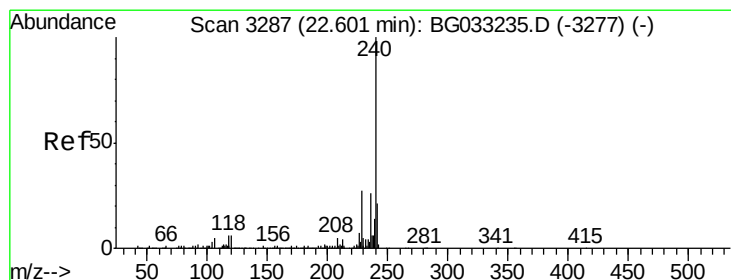
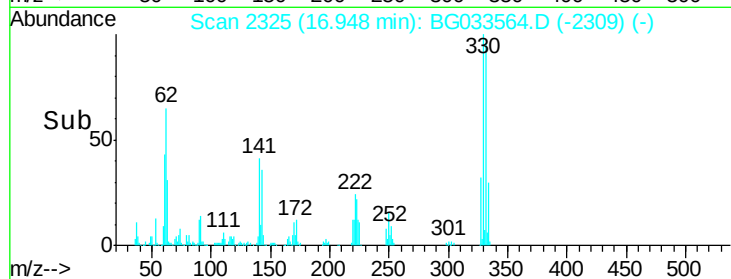
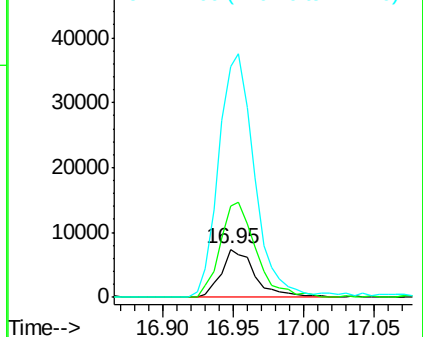


#66
4-Bromophenyl-phenylether
Concen: 3.300 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033564.D
Acq: 4 Apr 2018 17:43

Tot Ion:248 Resp: 12316
Ion Ratio Lower Upper
248 100
250 190.5 77.1 115.7#
141 484.4 50.8 76.2#

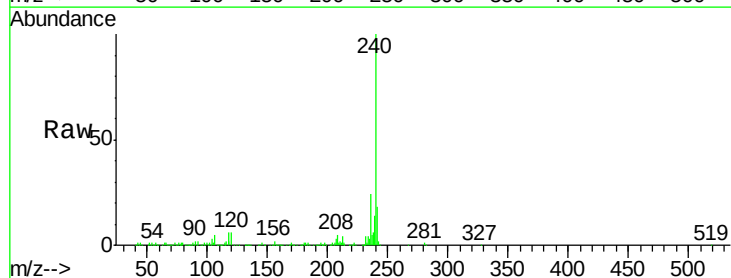


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

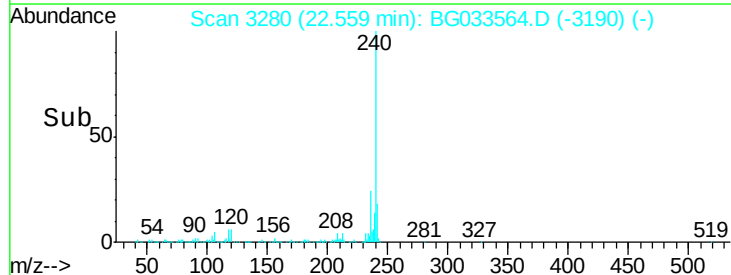
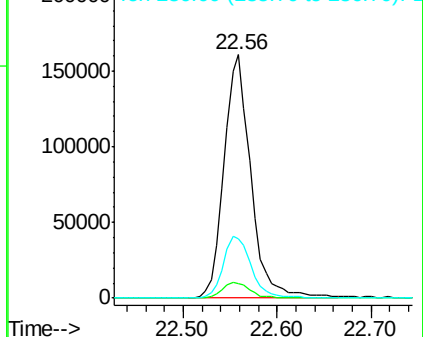


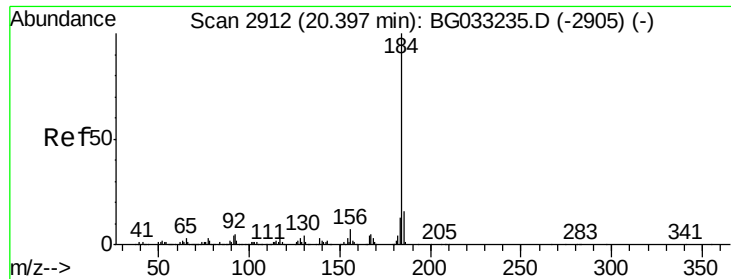
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033564.D
Acq: 4 Apr 2018 17:43

Tgt Ion:240 Resp: 318908
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 24.3 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: 2.782 ng

RT: 20.73 min Scan# 2969

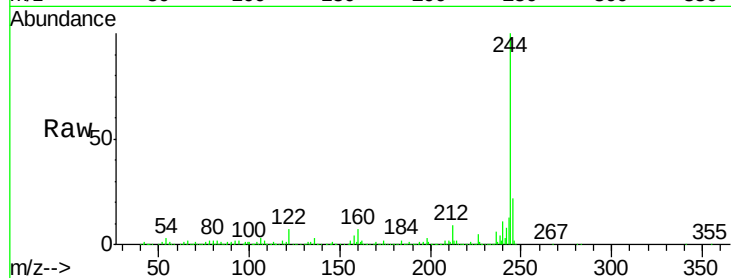
Delta R.T. 0.36 min

Lab File: BG033564.D

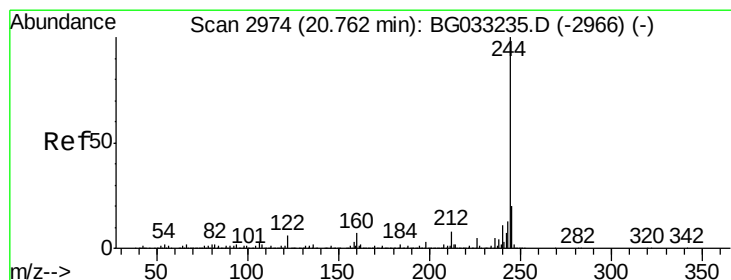
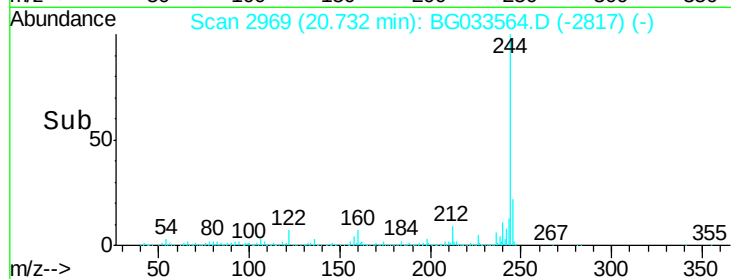
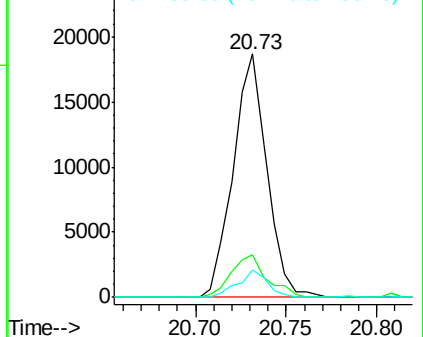
Acq: 4 Apr 2018 17:43

Tot Ion:184 Resp: 24062

Ion	Ratio	Lower	Upper
184	100		
185	17.7	11.1	16.7#
183	11.2	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: 95.243 ng

RT: 20.73 min Scan# 2969

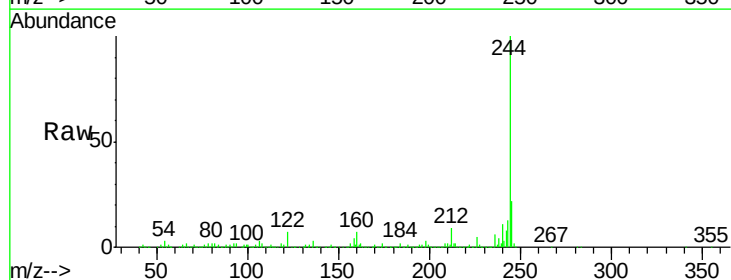
Delta R.T. -0.00 min

Lab File: BG033564.D

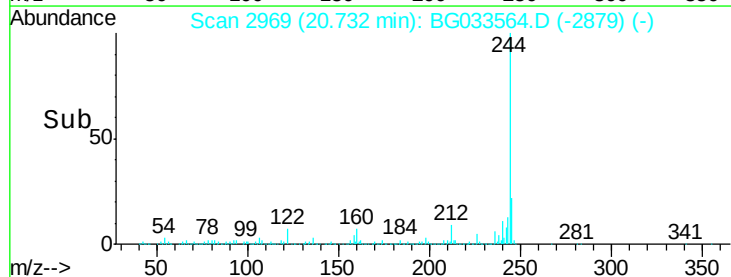
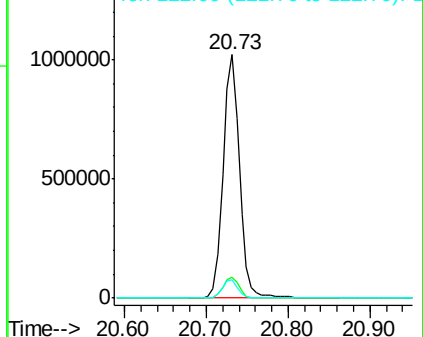
Acq: 4 Apr 2018 17:43

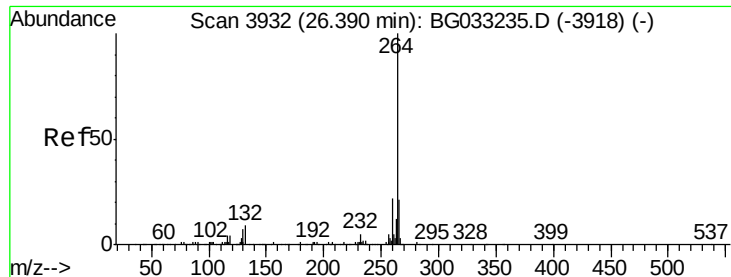
Tgt Ion:244 Resp: 1420262

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.3	7.0	10.4



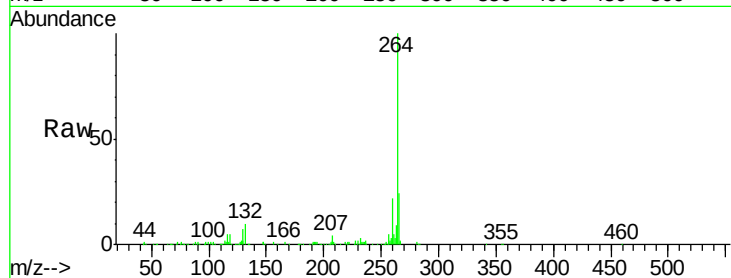
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033564.D
Acq: 4 Apr 2018 17:43

Tot Ion:	264	Resp:	334863
Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	23.6	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

