

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033562.D
 Acq On : 4 Apr 2018 16:28
 Operator : SJ/JU
 Sample : J2177-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 04 18:38:47 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	27111	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	137342	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	121179	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	325882	20.00	ng	0.00
75) Chrysene-d12	22.56	240	327397	20.00	ng	0.00
86) Perylene-d12	26.32	264	331733	20.00	ng	0.00

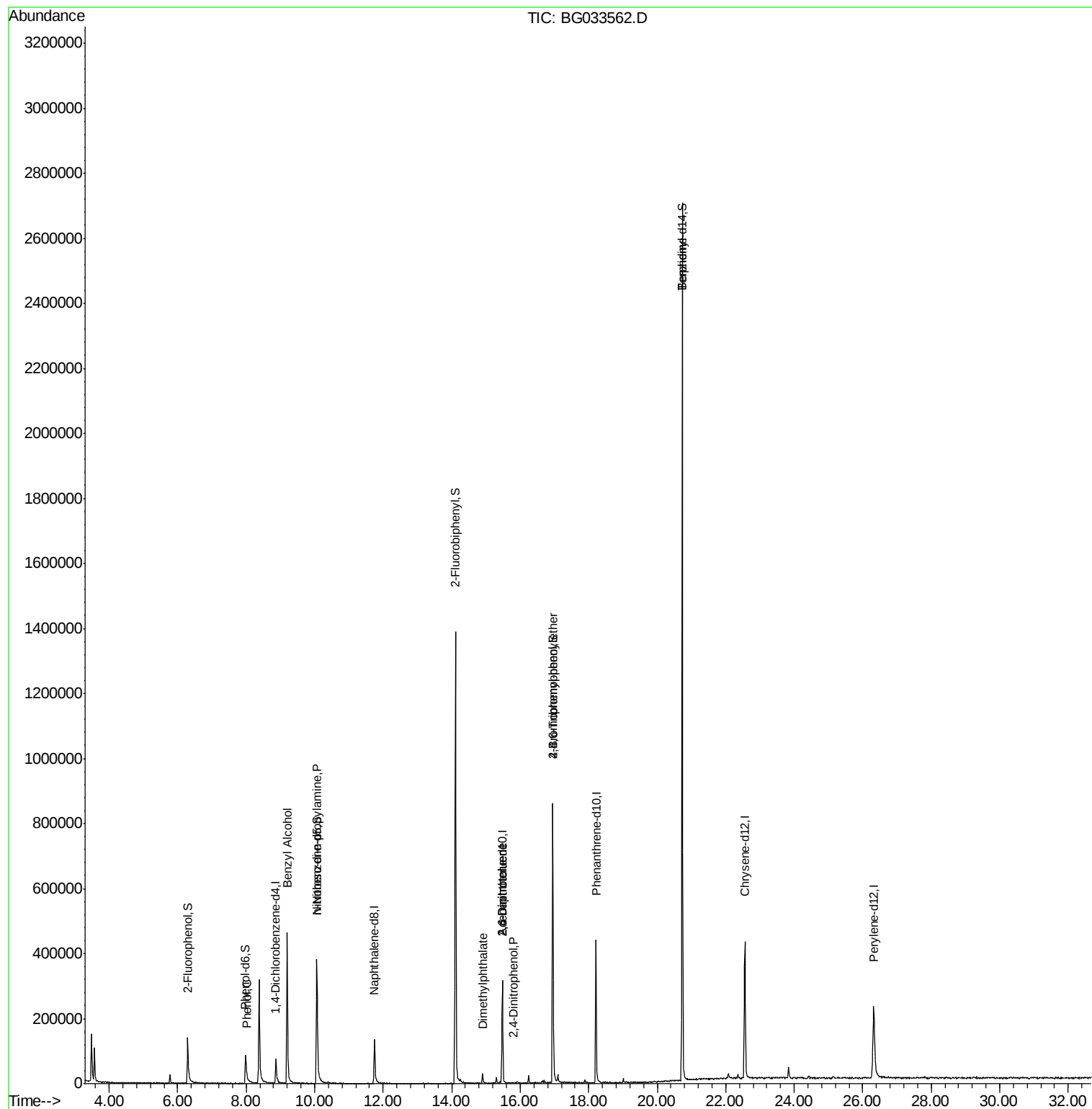
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.29	112	77947	53.91	ng	0.00
7) Phenol-d6	7.98	99	83024	33.42	ng	0.00
23) Nitrobenzene-d5	10.06	82	320311	107.15	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	174730	96.41	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	803108	95.68	ng	0.00
78) Terphenyl-d14	20.73	244	1386128	90.54	ng	0.00

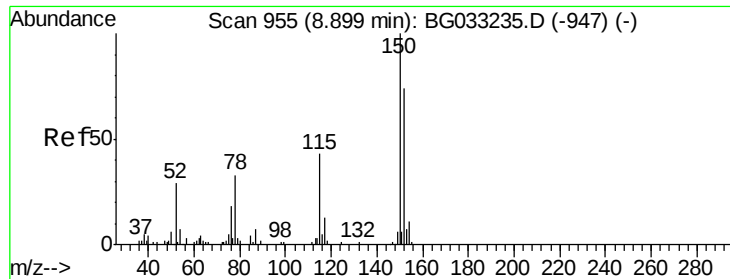
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	8.02	94	5515	2.249	ng	96
15) Benzyl Alcohol	9.19	79	5109	2.612	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	44716	24.565	ng	# 75
49) Dimethylphthalate	14.90	163	21186	2.009	ng	100
50) 2,6-Dinitrotoluene	15.48	165	15052	6.980	ng	# 23
53) 2,4-Dinitrophenol	15.80	184	54	7.687	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15052	4.741	ng	# 20
66) 4-Bromophenyl-phenylether	16.96	248	13789	3.603	ng	# 1
76) Benzidine	20.73	184	23270	2.621	ng	# 93

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

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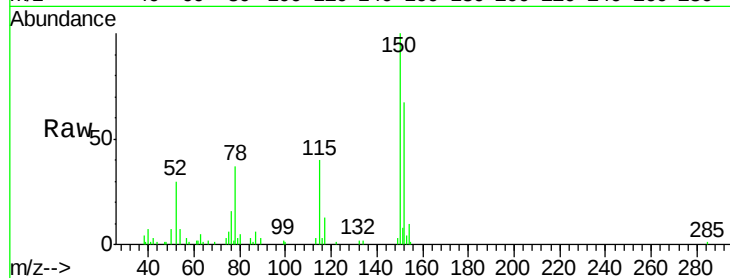




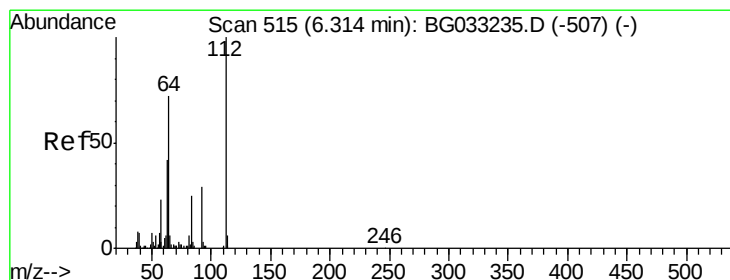
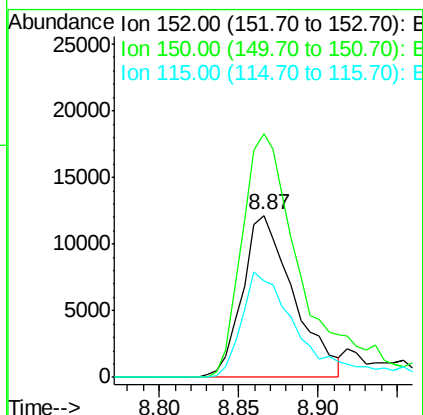
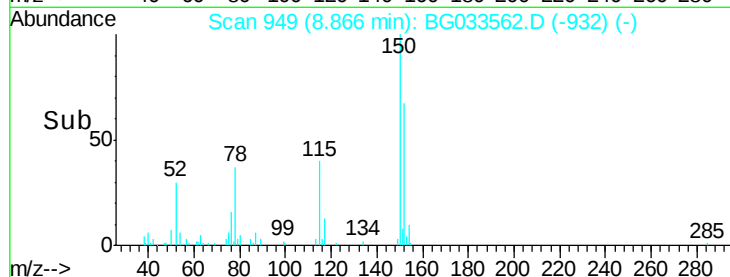
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.6	189.8
115	59.5	53.0	79.4



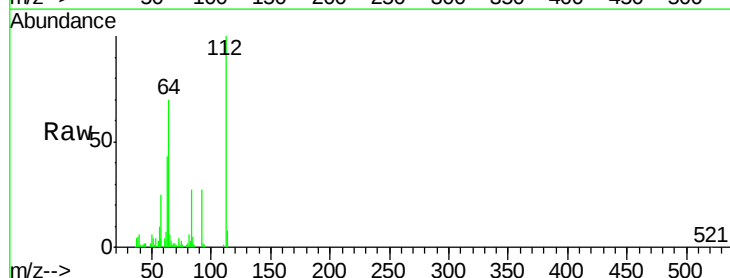
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



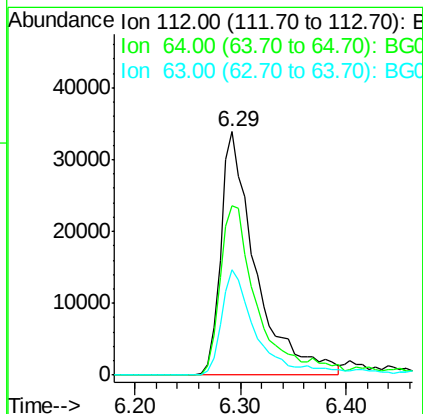
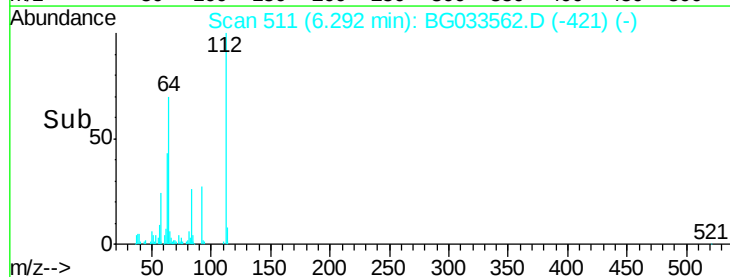
#5

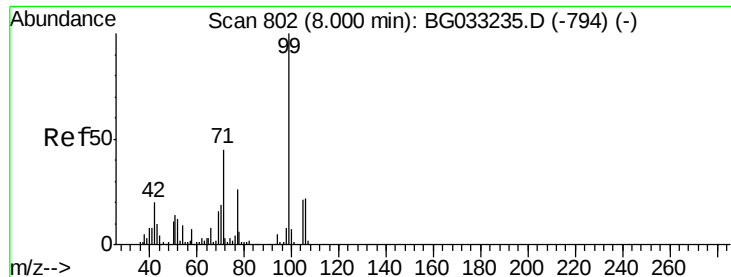
2-Fluorophenol
Concen: 53.912 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.3	84.5
63	43.4	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: 33.420 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033562.D

Acq: 4 Apr 2018 16:28

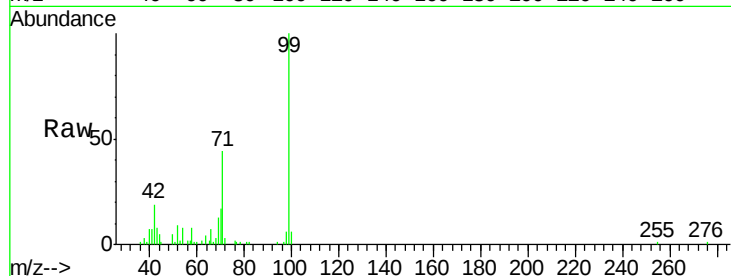
Tot Ion: 99 Resp: 83024

Ion Ratio Lower Upper

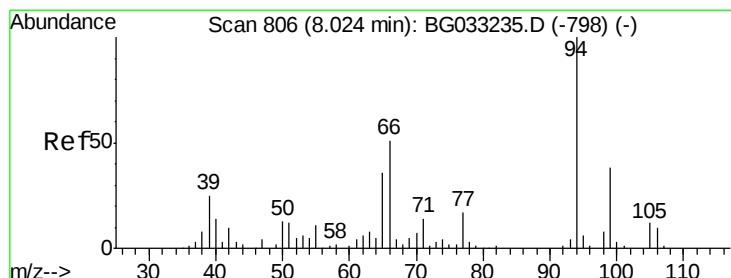
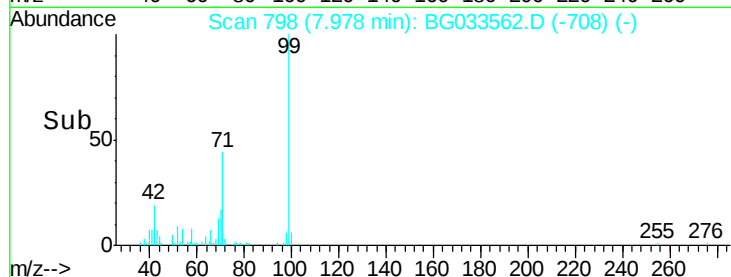
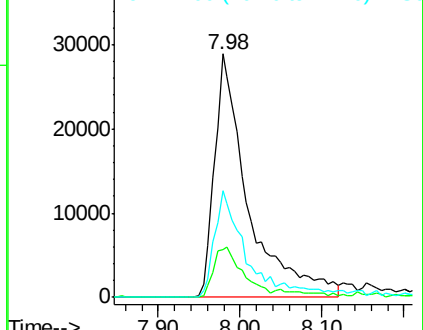
99 100

42 19.4 14.1 21.1

71 43.6 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



#10

Phenol

Concen: 2.249 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033562.D

Acq: 4 Apr 2018 16:28

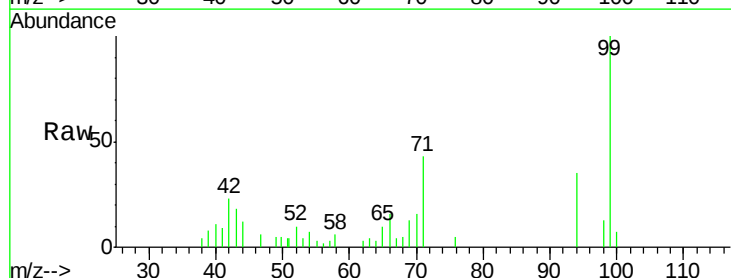
Tgt Ion: 94 Resp: 5515

Ion Ratio Lower Upper

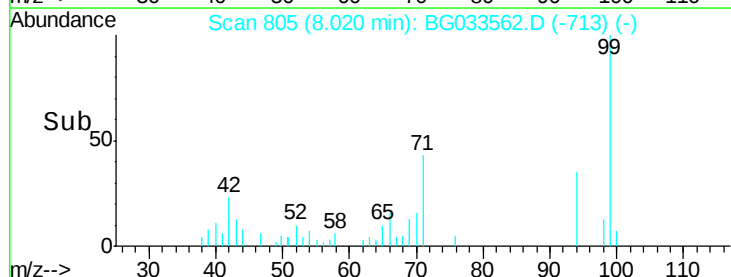
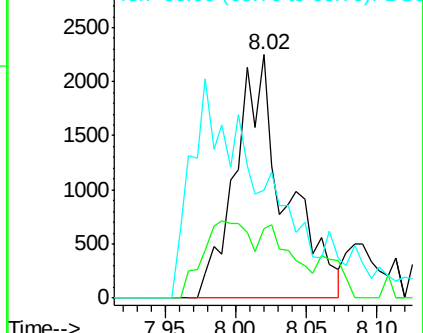
94 100

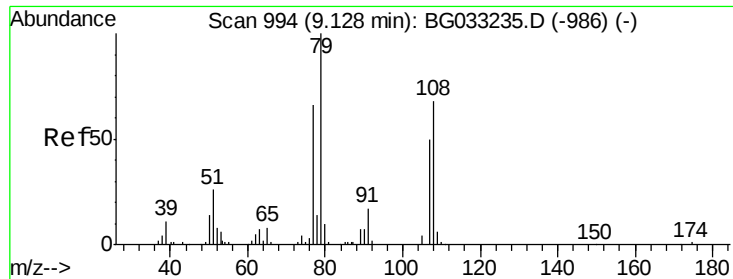
65 28.8 11.9 51.9

66 44.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.612 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033562.D

Acq: 4 Apr 2018 16:28

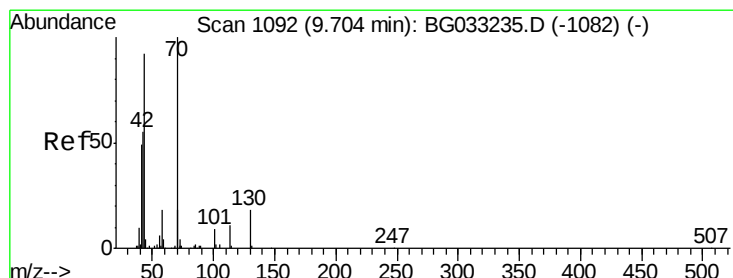
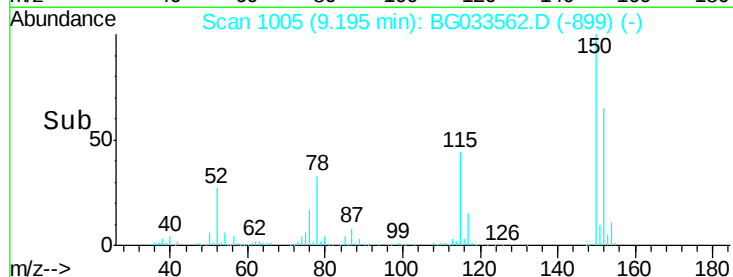
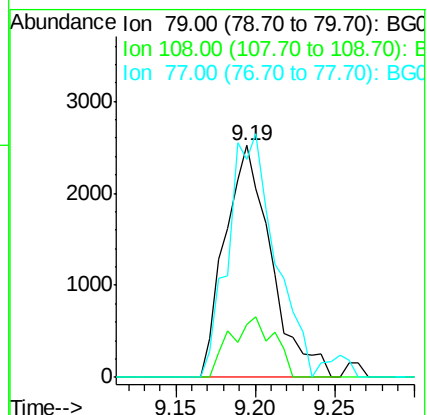
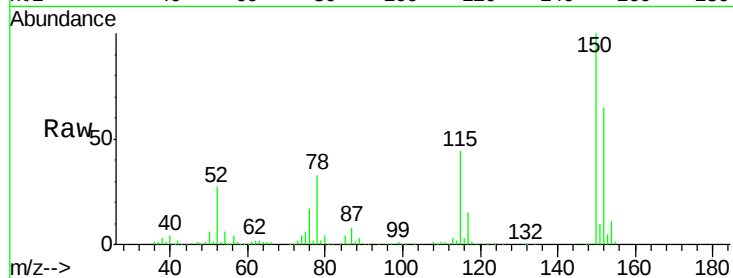
Tot Ion: 79 Resp: 5109

Ion Ratio Lower Upper

79 100

108 23.0 57.2 85.8#

77 94.1 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 24.565 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033562.D

Acq: 4 Apr 2018 16:28

Tgt Ion: 70 Resp: 44716

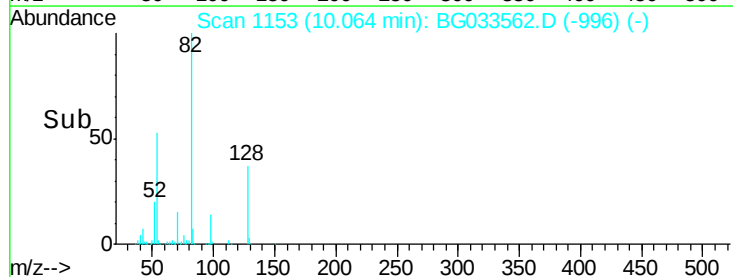
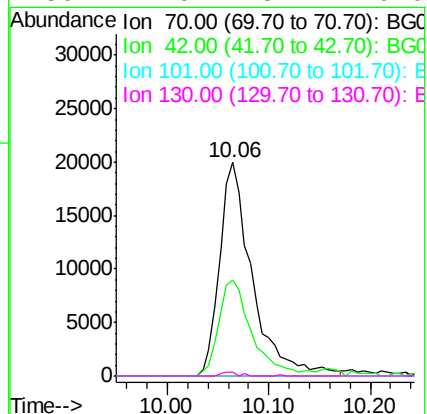
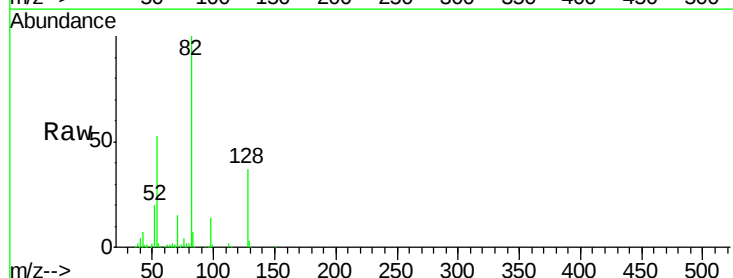
Ion Ratio Lower Upper

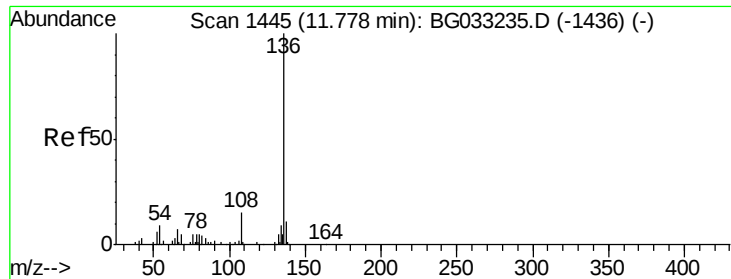
70 100

42 44.9 49.1 73.7#

101 0.0 8.5 12.7#

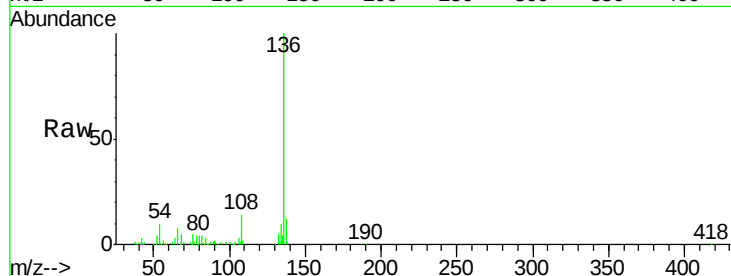
130 2.0 13.4 20.0#



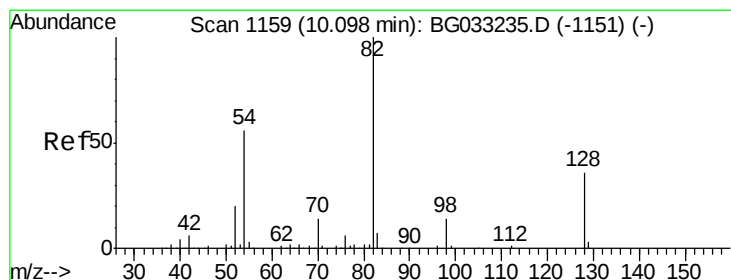
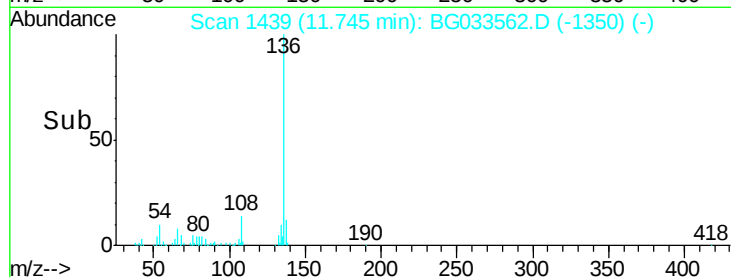
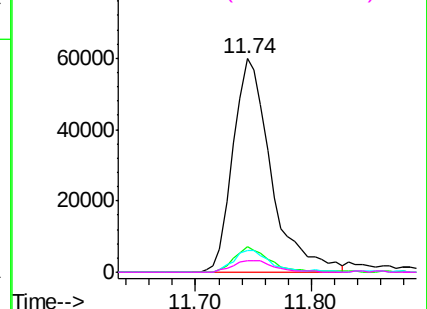


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

Tot Ion:136	Resp:	137342	
Ion Ratio	Lower	Upper	
136 100			
137 12.1	9.2	13.8	
54 10.0	10.3	15.5#	
68 5.3	4.5	6.7	

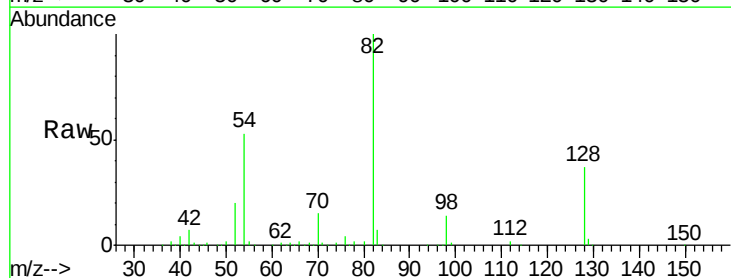


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

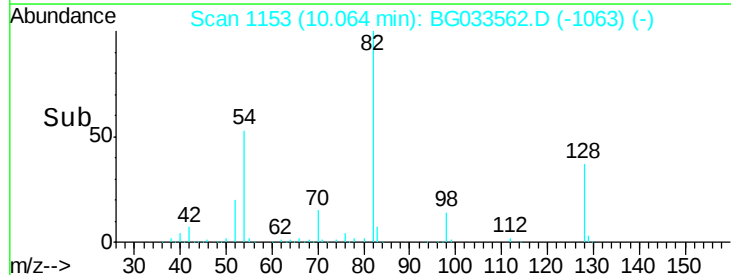
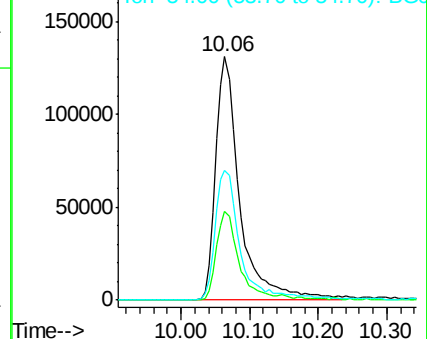


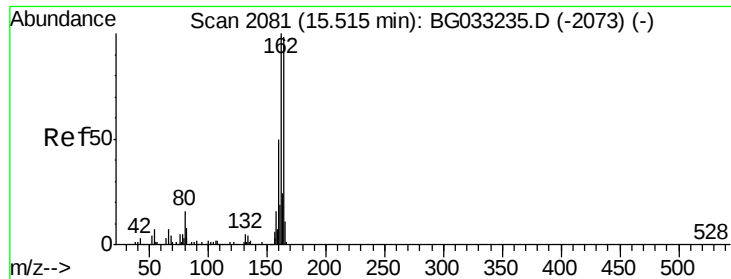
#23
Nitrobenzene-d5
Concen: 107.151 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

Tgt Ion: 82	Resp: 320311
Ion Ratio	Lower Upper
82 100	
128 36.7	29.7 44.5
54 53.5	43.1 64.7



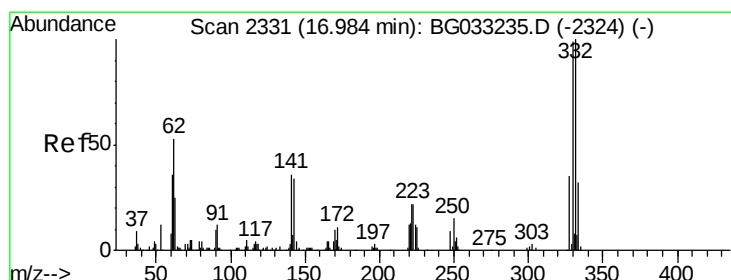
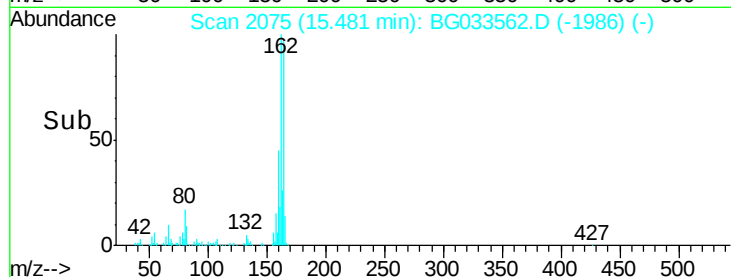
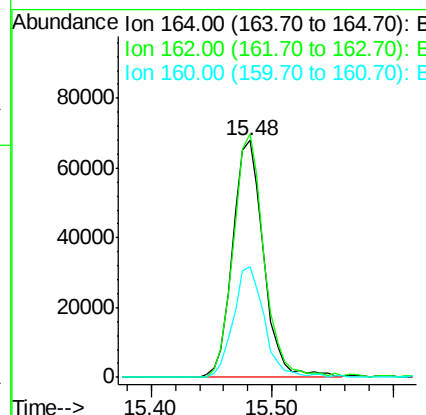
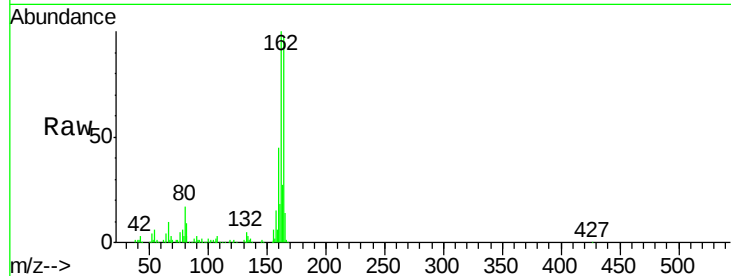
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





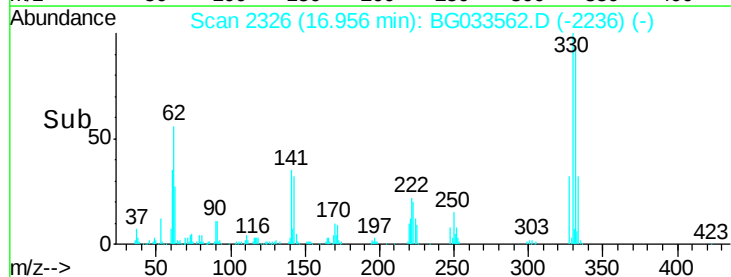
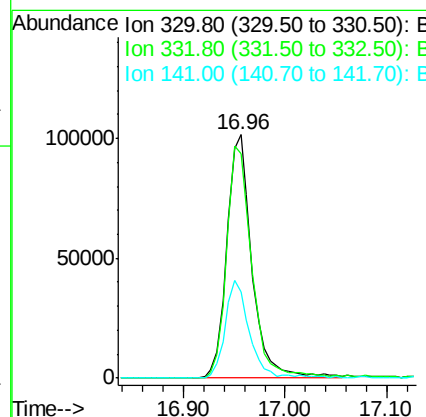
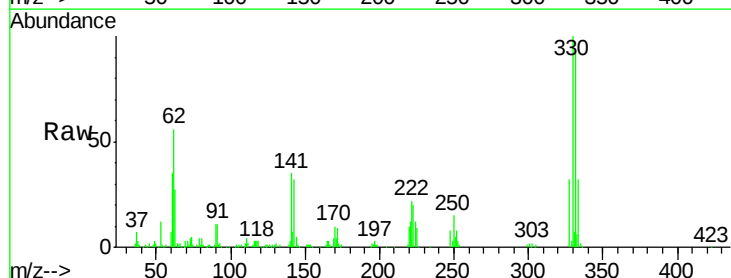
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

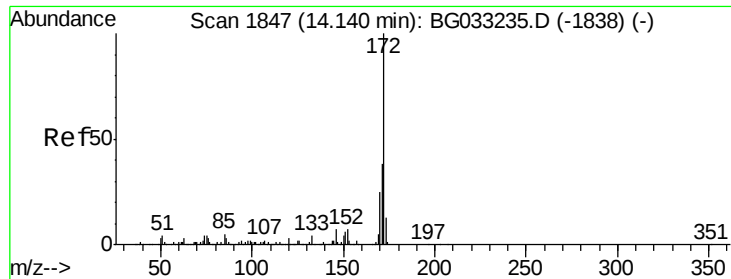
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	46.5	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 96.410 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

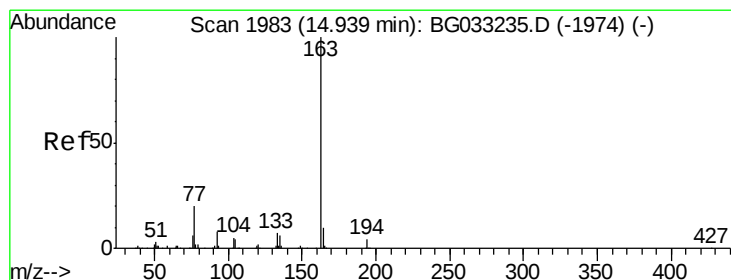
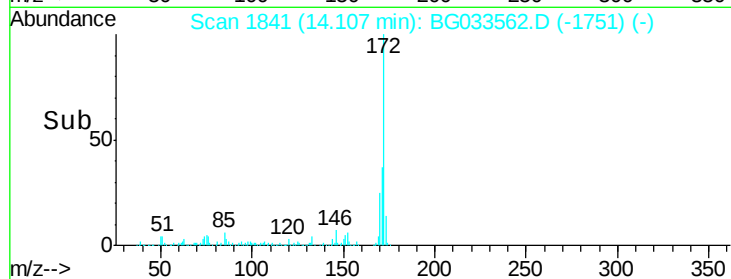
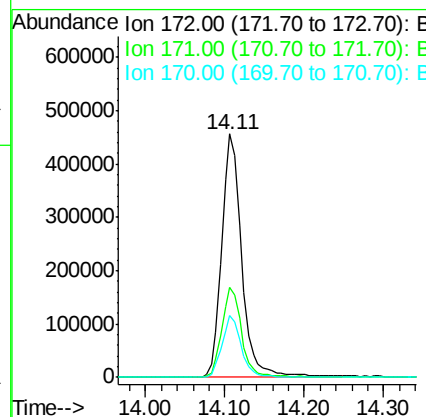
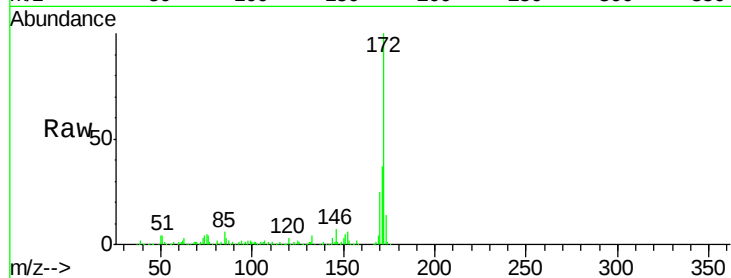
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	38.8	25.2	37.8





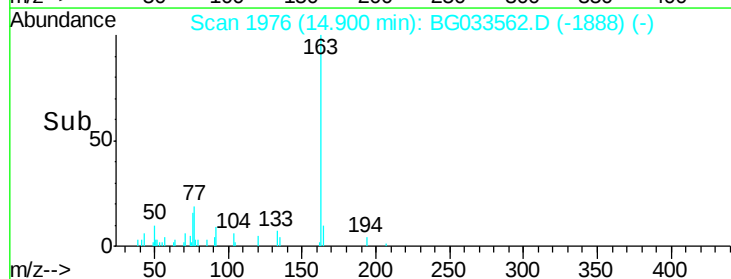
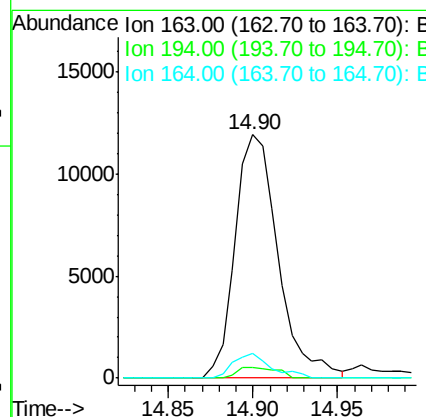
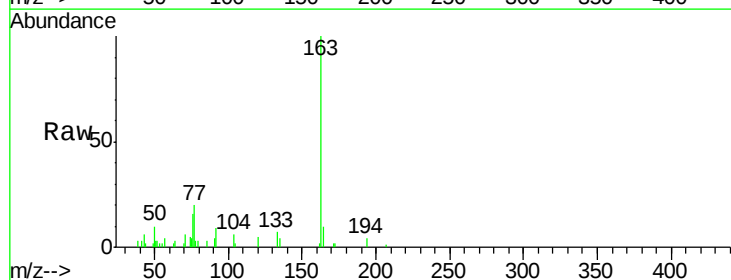
#44
2-Fluorobiphenyl
Concen: 95.676 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

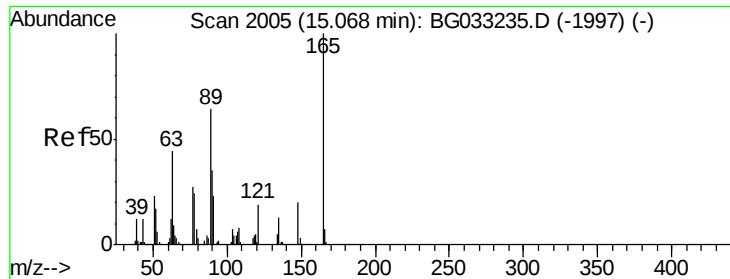
Tot Ion:172 Resp: 803108
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 25.4 19.5 29.3



#49
Dimethylphthalate
Concen: 2.009 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

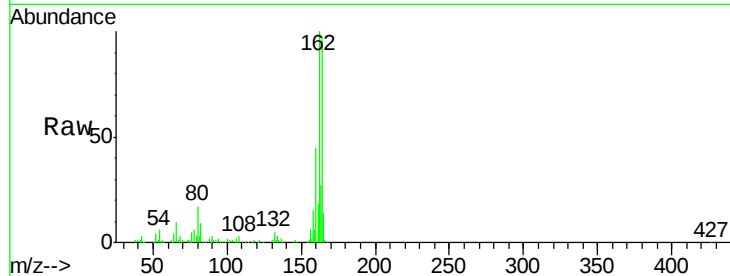
Tgt Ion:163 Resp: 21186
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.2 8.2 12.4



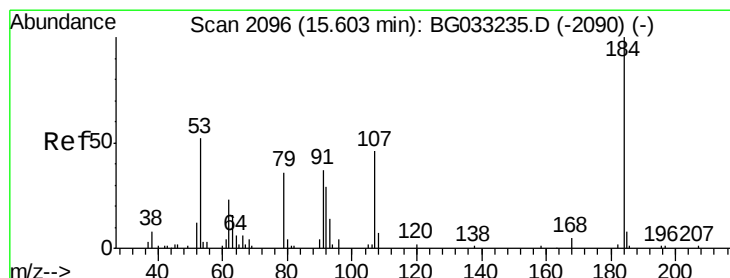
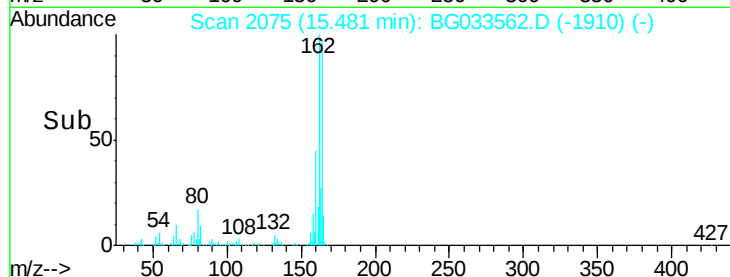
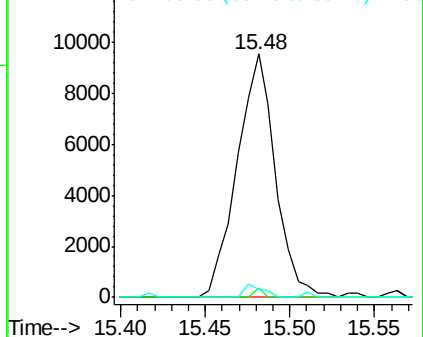


#50
2,6-Dinitrotoluene
Concen: 6.980 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.44 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

Tot Ion:165 Resp: 15052
Ion Ratio Lower Upper
165 100
63 3.6 52.7 79.1#
89 3.2 49.2 73.8#

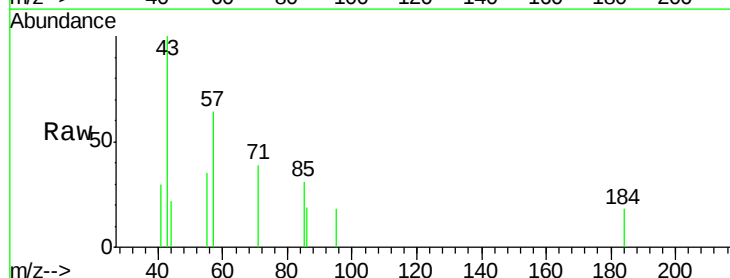


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGD
Ion 89.00 (88.70 to 89.70): BGD

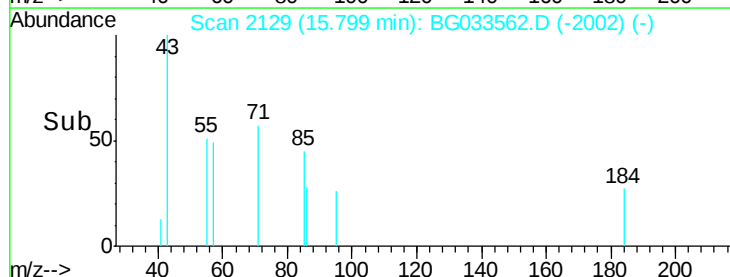
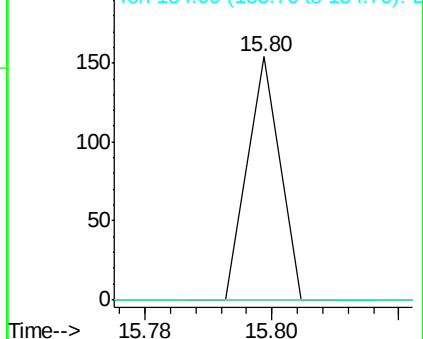


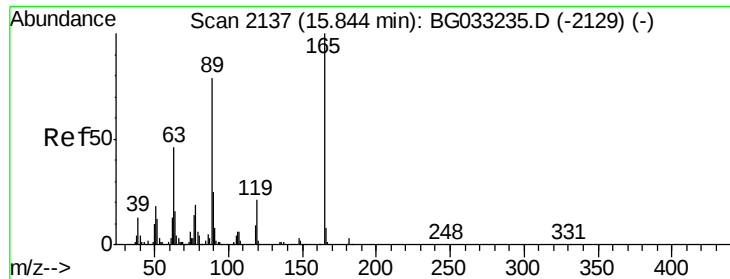
#53
2,4-Dinitrophenol
Concen: 7.687 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.22 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



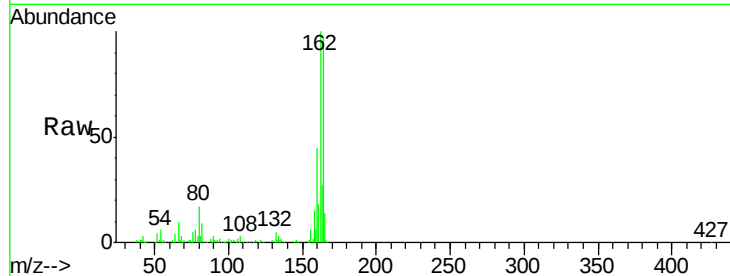
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGD
Ion 154.00 (153.70 to 154.70): E





#56
 2,4-Dinitrotoluene
 Concen: 4.741 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033562.D
 Acq: 4 Apr 2018 16:28

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.6	42.0	63.0#
89	3.2	66.9	100.3#
182	0.0	2.6	3.8#

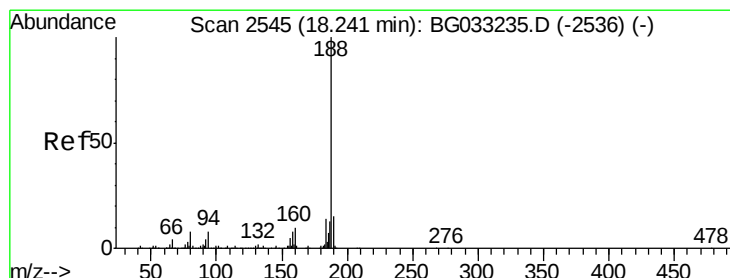
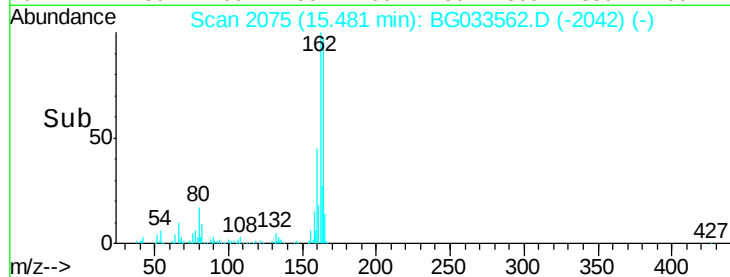
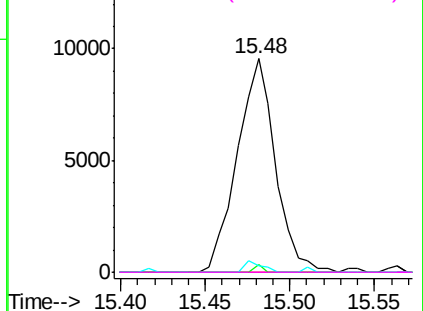


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

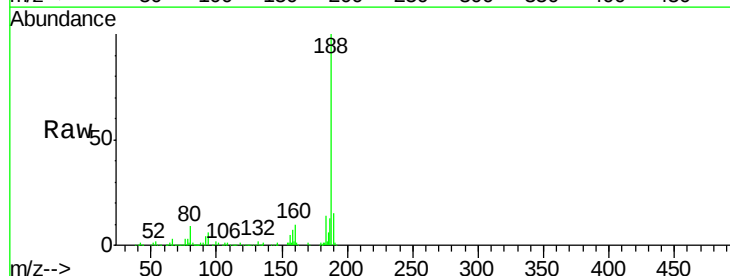
Ion 89.00 (88.70 to 89.70): BGC

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: BG033562.D
 Acq: 4 Apr 2018 16:28

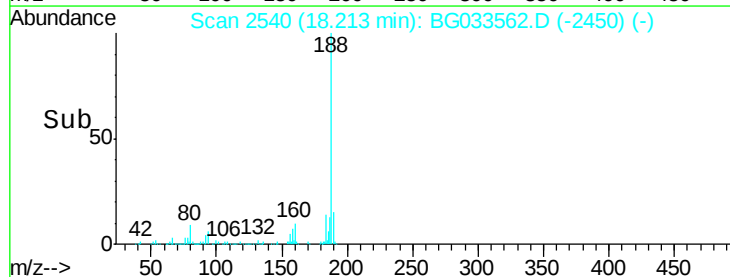
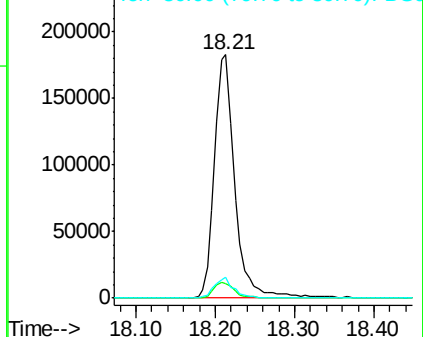
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	8.6	7.7	11.5

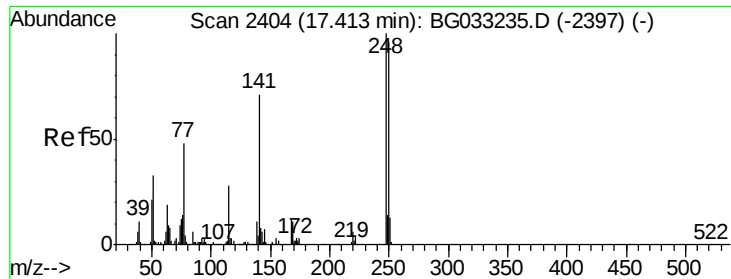


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

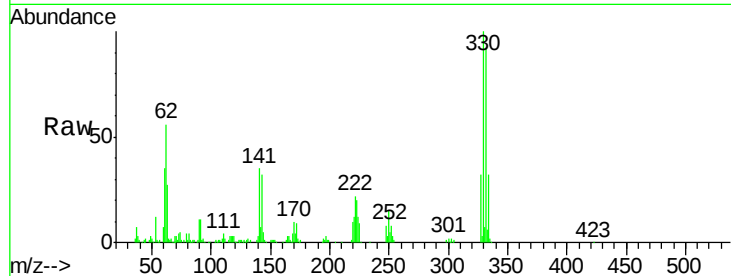
Ion 80.00 (79.70 to 80.70): BGC



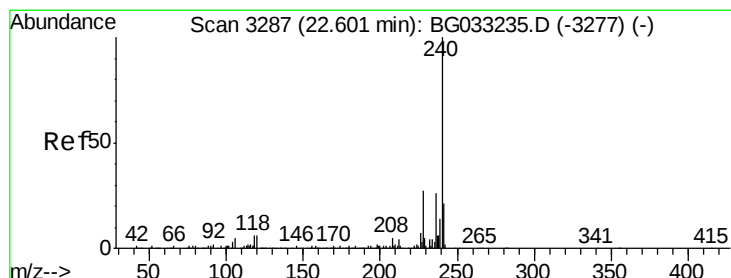
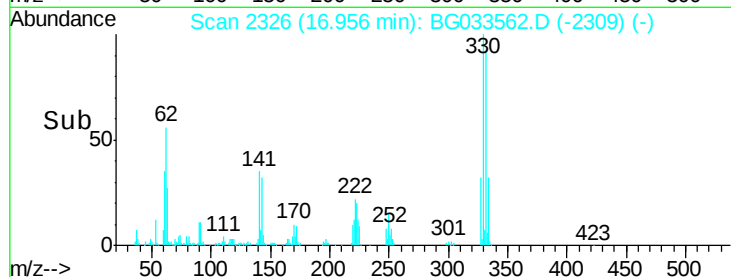
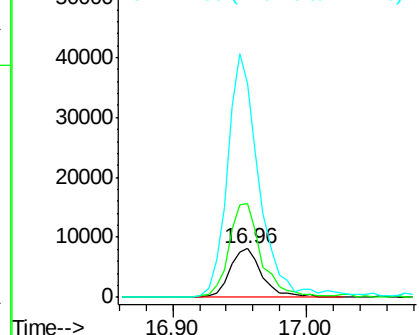


#66
4-Bromophenyl-phenylether
Concen: 3.603 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

Tot Ion:248 Resp: 13789
Ion Ratio Lower Upper
248 100
250 145.8 77.1 115.7#
141 333.2 50.8 76.2#

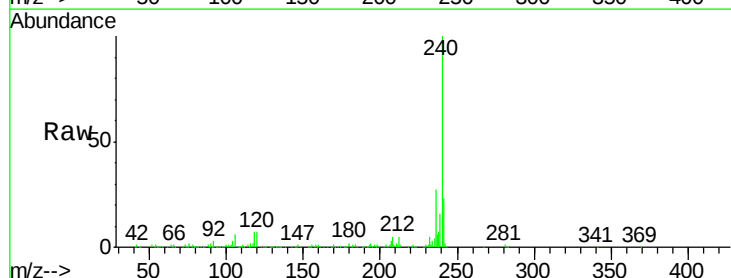


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

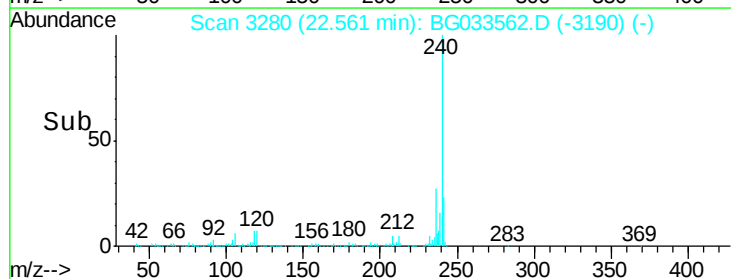
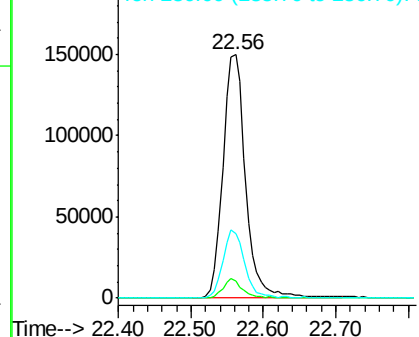


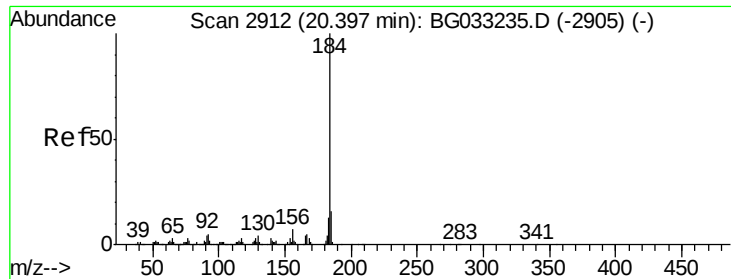
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033562.D
Acq: 4 Apr 2018 16:28

Tgt Ion:240 Resp: 327397
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 26.5 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: 2.621 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033562.D

Acq: 4 Apr 2018 16:28

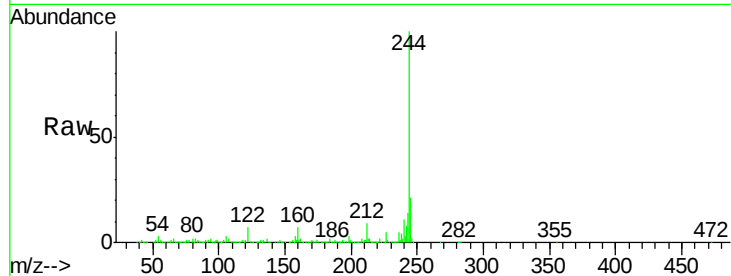
Tot Ion:184 Resp: 23270

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

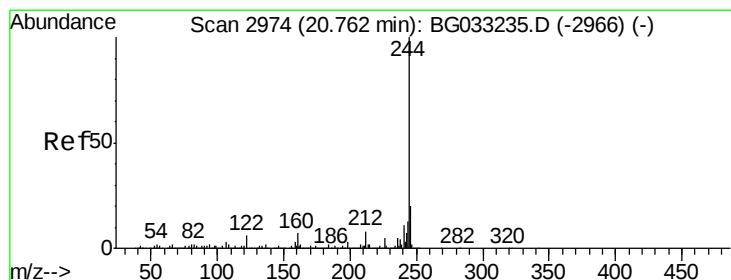
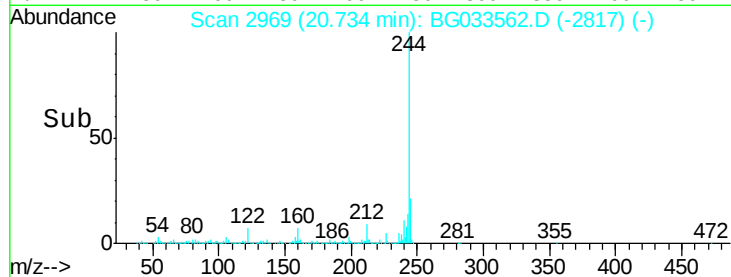
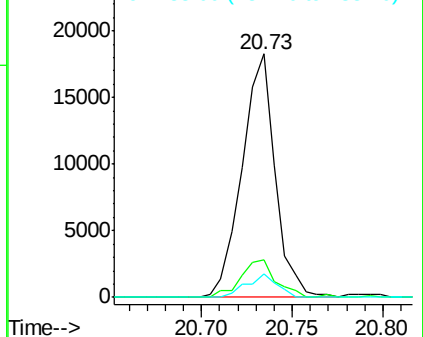
183 9.4 10.6 16.0#



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: 90.544 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033562.D

Acq: 4 Apr 2018 16:28

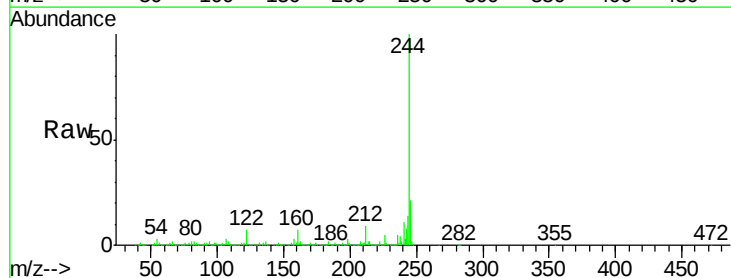
Tgt Ion:244 Resp: 1386128

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

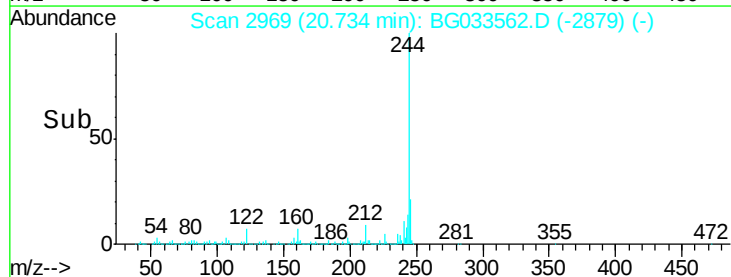
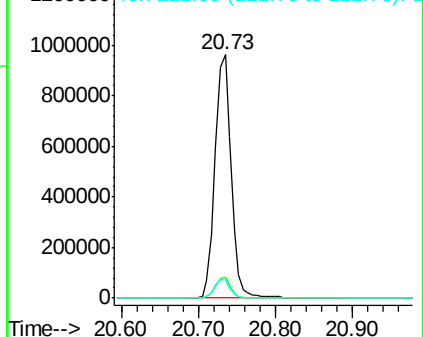
122 7.3 7.0 10.4

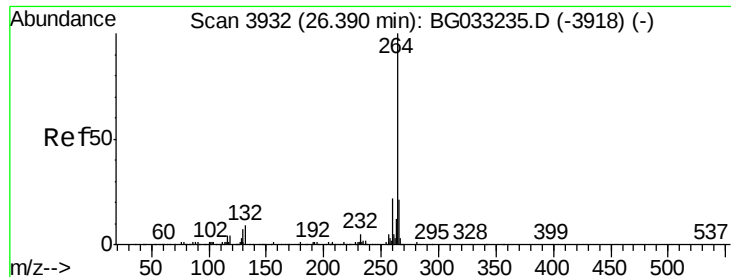


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033562.D
Acq: 4 Apr 2018 16:28

Tot	Ion:264	Resp:	331733
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.3	17.7	26.5

