

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033563.D
 Acq On : 4 Apr 2018 17:05
 Operator : SJ/JU
 Sample : J2177-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

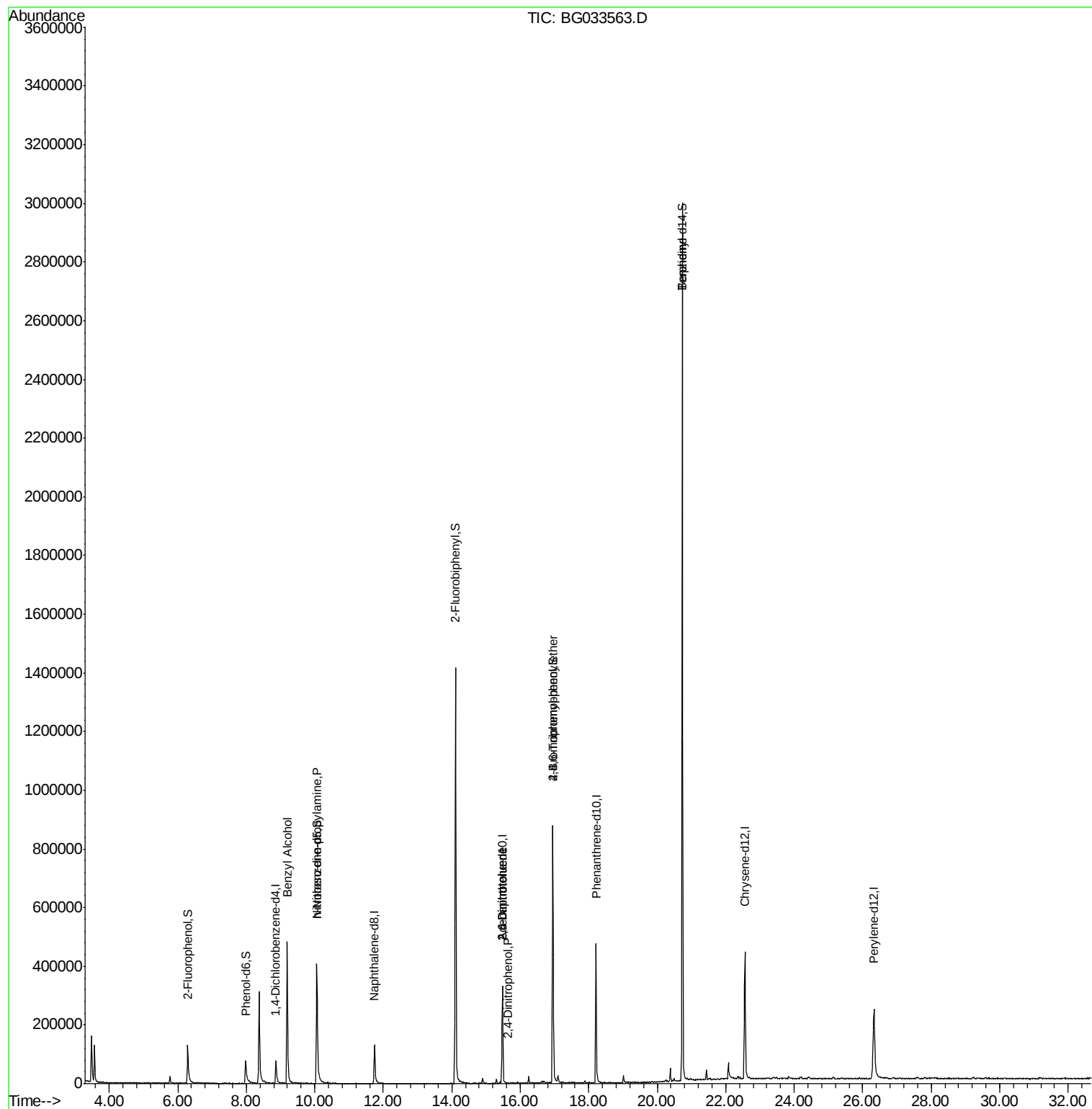
Quant Time: Apr 04 18:39:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

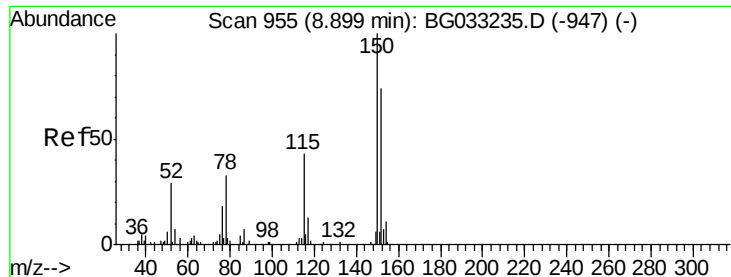
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30776	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	143511	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124781	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334073	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330412	20.00	ng	0.00
86) Perylene-d12	26.33	264	335622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	75221	45.83	ng	0.00
7) Phenol-d6	7.98	99	74422	26.39	ng	0.00
23) Nitrobenzene-d5	10.06	82	325378	104.17	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	182319	97.69	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	834914	96.59	ng	0.00
78) Terphenyl-d14	20.73	244	1493309	96.66	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4793	2.159	ng	# 47
19) n-Nitroso-di-n-propylamine	10.06	70	43453	21.028	ng	# 72
50) 2,6-Dinitrotoluene	15.48	165	16095	7.249	ng	# 20
53) 2,4-Dinitrophenol	15.66	184	65	7.694	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	16094	4.923	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	13513	3.444	ng	# 1
76) Benizidine	20.73	184	25772	2.876	ng	# 90

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

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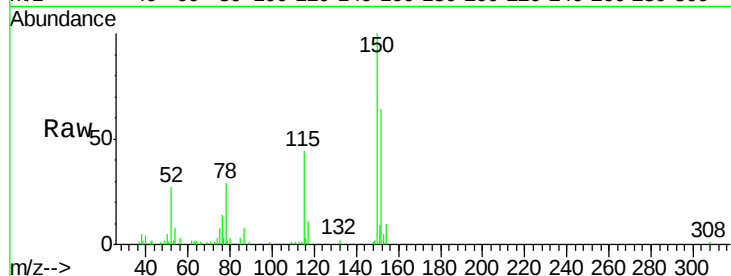




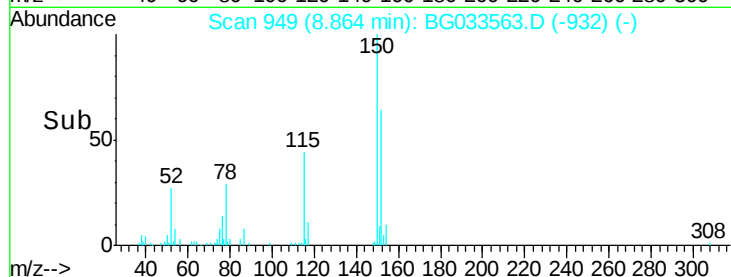
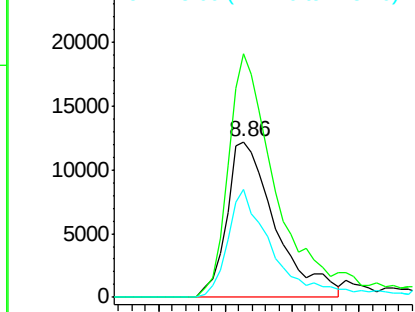
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	69.1	53.0	79.4



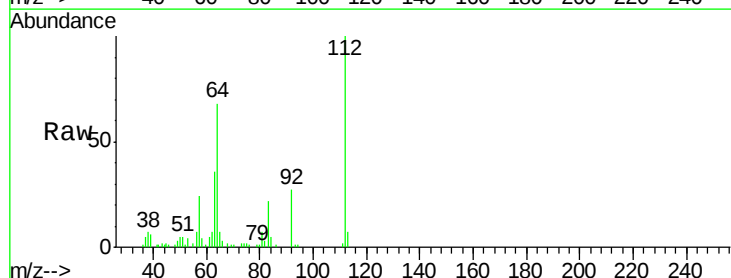
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



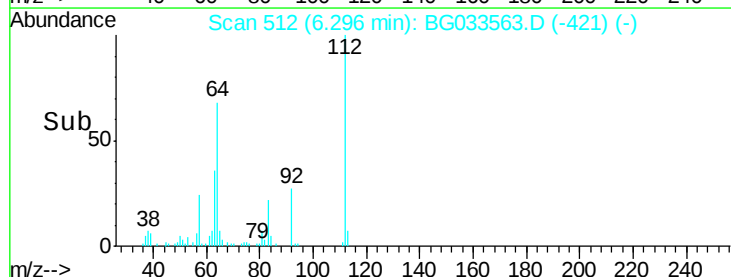
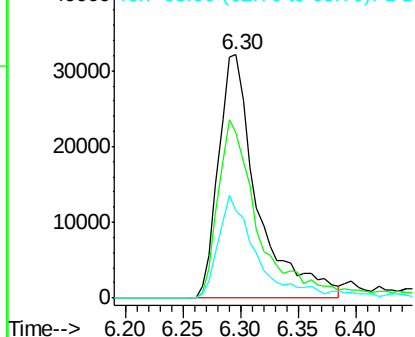
#5

2-Fluorophenol
Concen: 45.831 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	56.3	84.5
63	35.9	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: 26.390 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

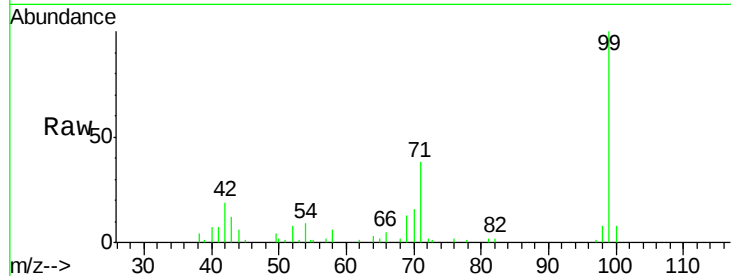
Tot Ion: 99 Resp: 74422

Ion Ratio Lower Upper

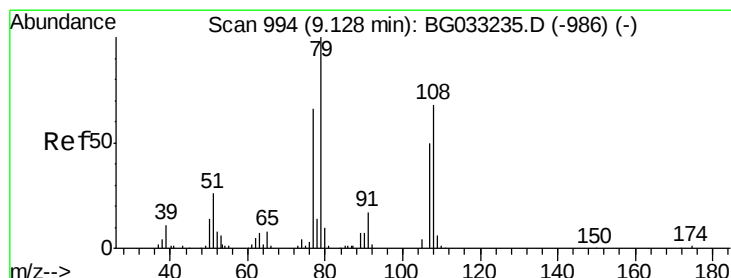
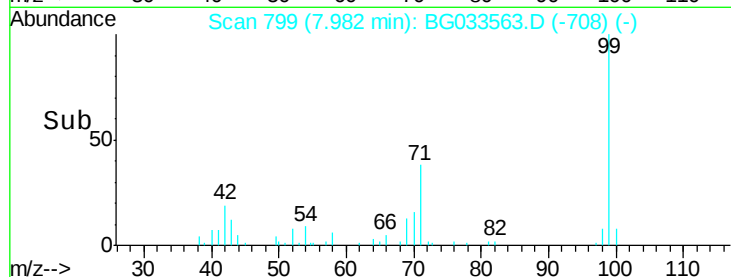
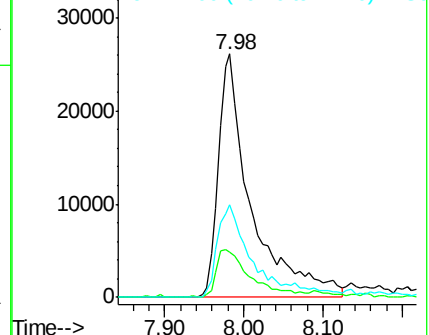
99 100

42 18.8 14.1 21.1

71 37.9 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: 2.159 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

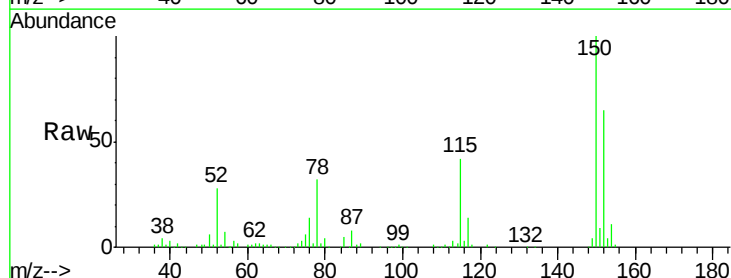
Tgt Ion: 79 Resp: 4793

Ion Ratio Lower Upper

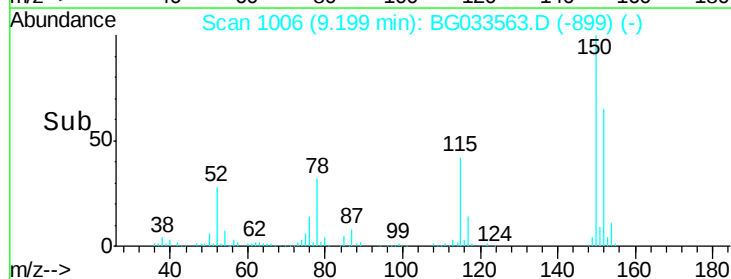
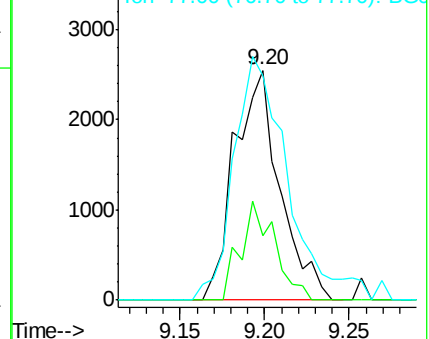
79 100

108 28.0 57.2 85.8#

77 97.6 46.1 69.1#



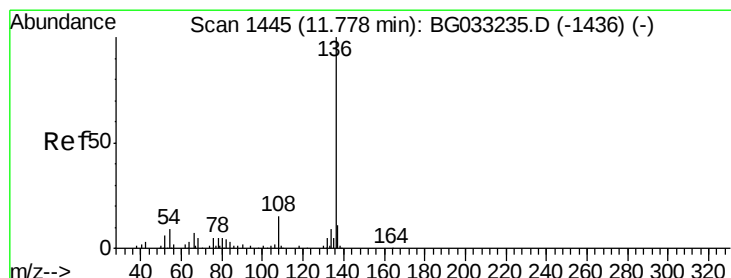
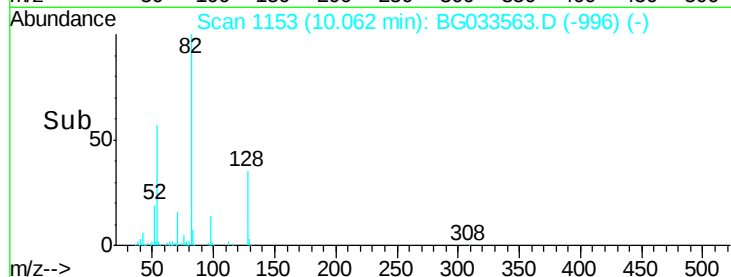
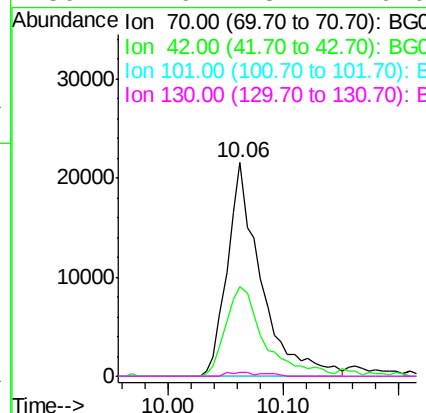
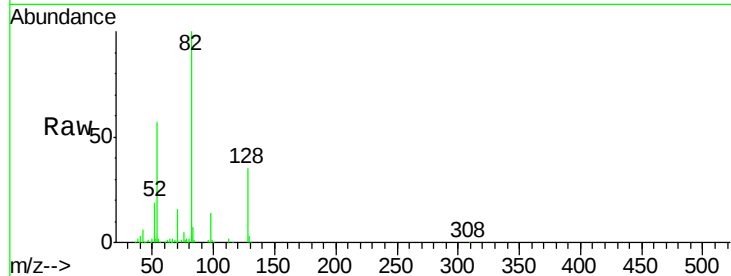
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





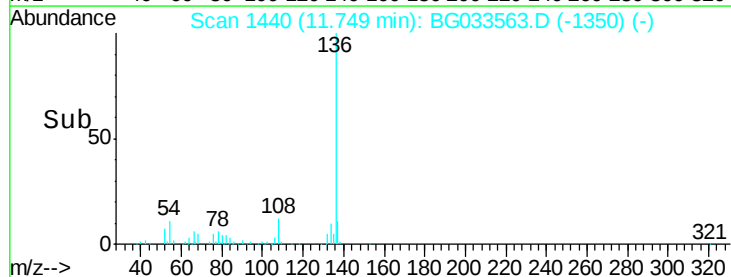
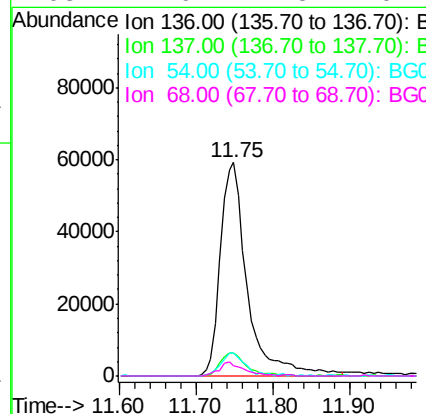
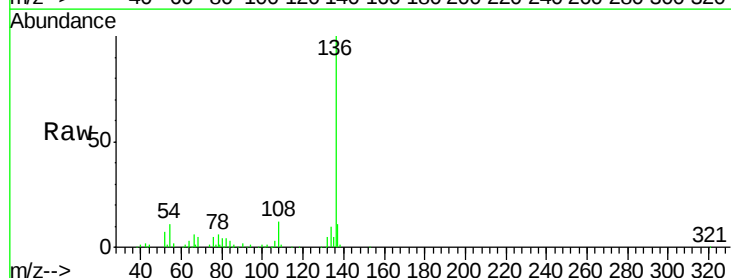
#19
n-Nitroso-di-n-propylamine
Concen: 21.028 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

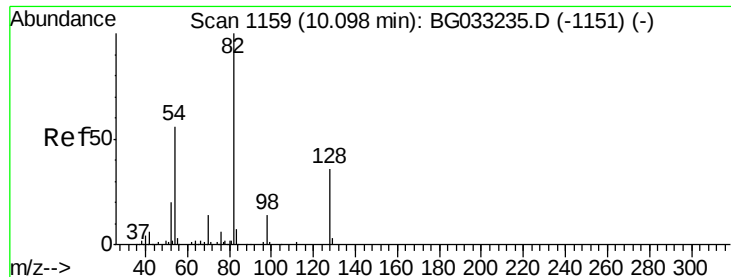
Tot Ion: 70 Resp: 43453
Ion Ratio Lower Upper
70 100
42 41.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

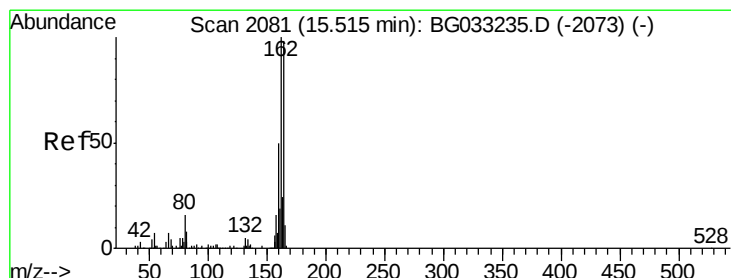
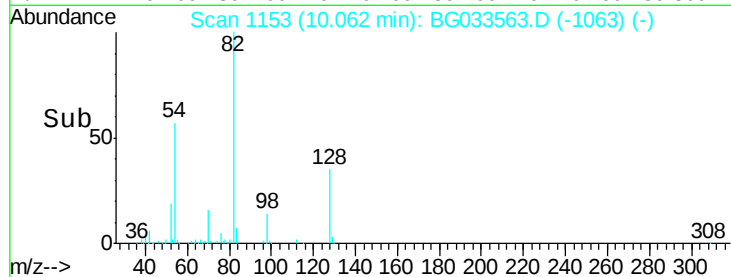
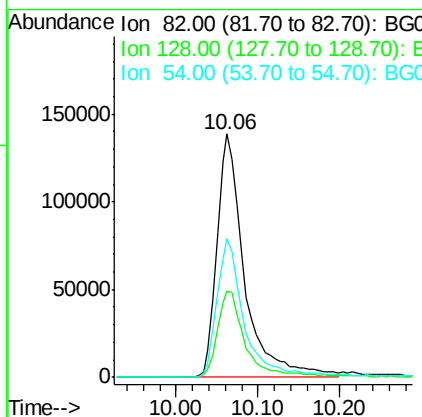
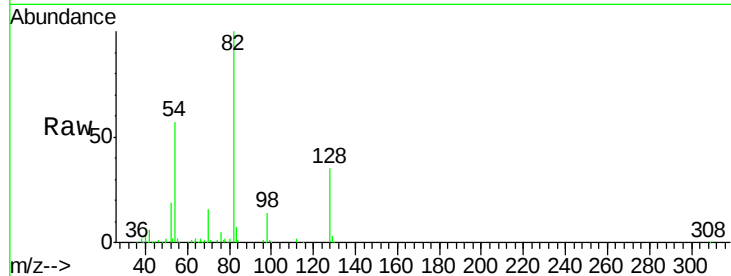
Tgt Ion: 136 Resp: 143511
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 10.8 10.3 15.5
68 4.9 4.5 6.7





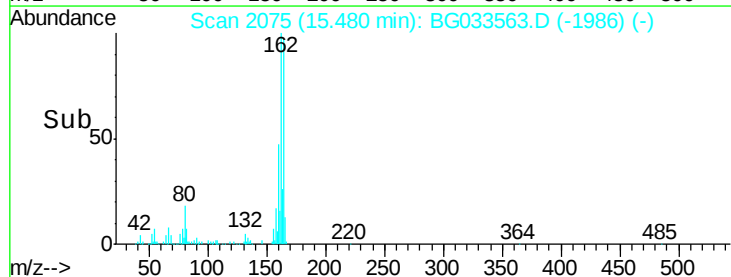
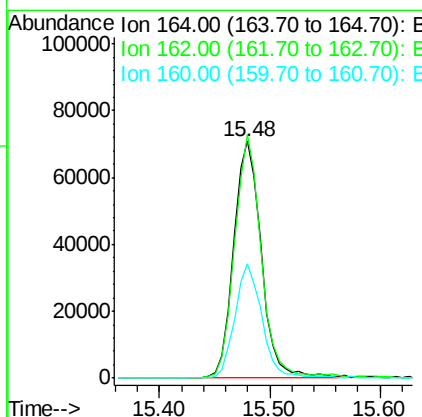
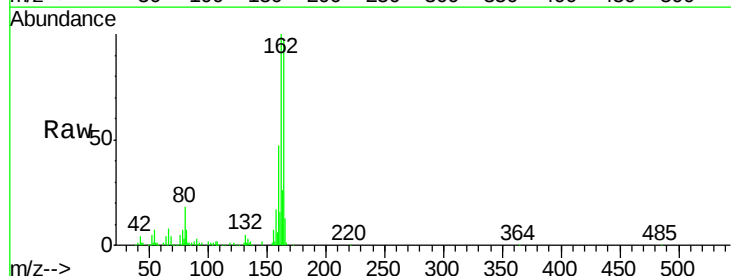
#23
 Nitrobenzene-d5
 Concen: 104.168 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033563.D
 Acq: 4 Apr 2018 17:05

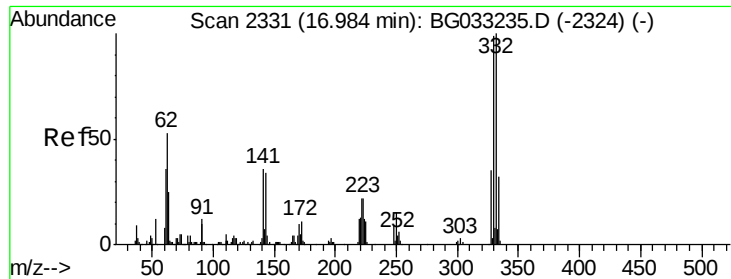
Tot Ion	82	Resp	325378
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	57.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033563.D
 Acq: 4 Apr 2018 17:05

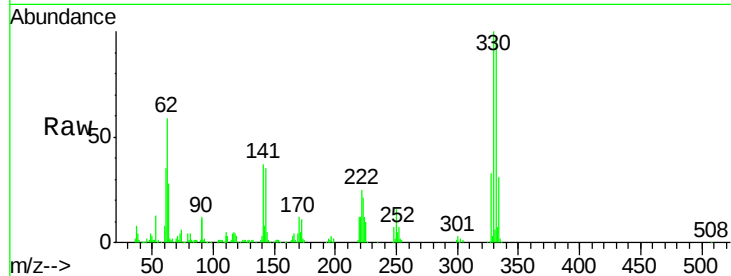
Tgt Ion	164	Resp	124781
Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	48.5	35.4	53.0



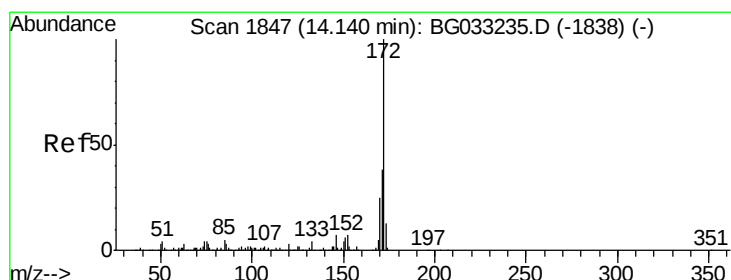
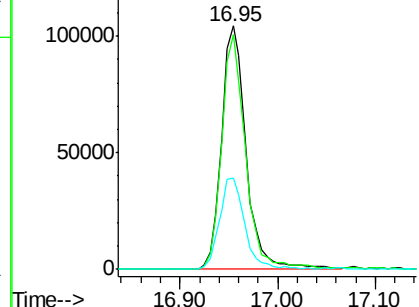
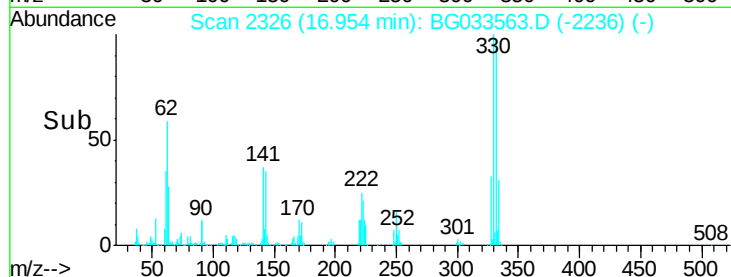


#41
 2,4,6-Tribromophenol
 Concen: 97.693 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033563.D
 Acq: 4 Apr 2018 17:05

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	38.6	25.2	37.8#

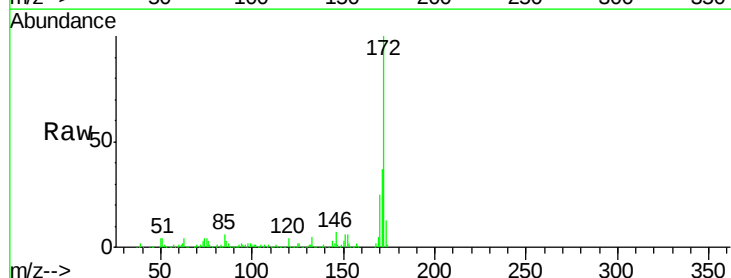


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

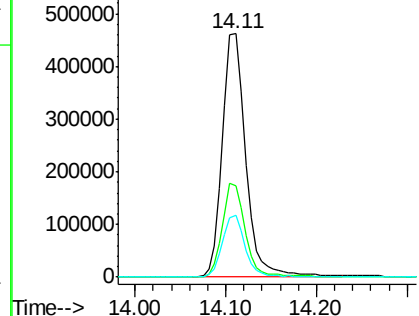
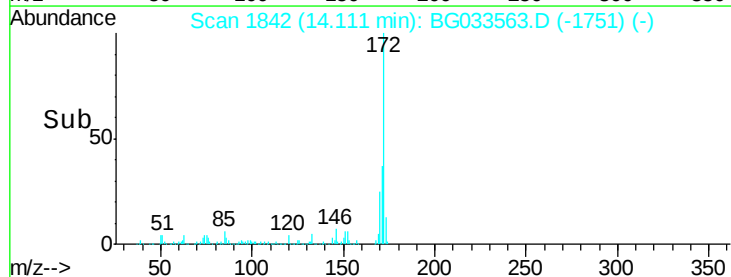


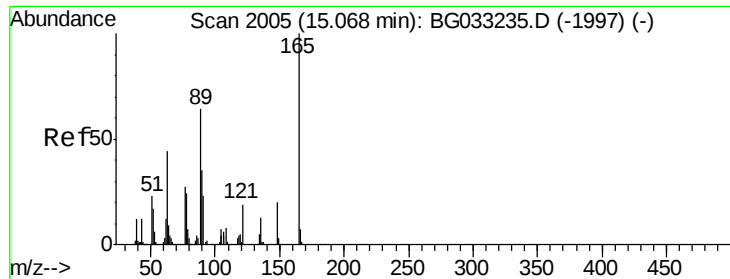
#44
 2-Fluorobiphenyl
 Concen: 96.594 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033563.D
 Acq: 4 Apr 2018 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.2	19.5	29.3



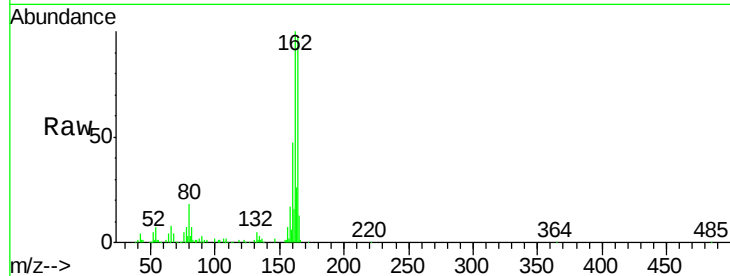
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



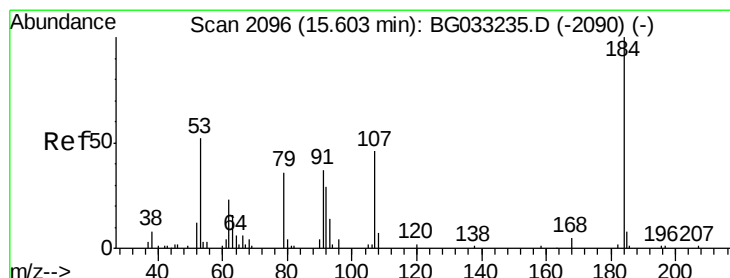
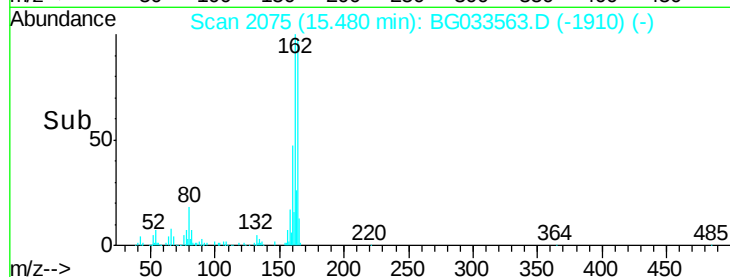
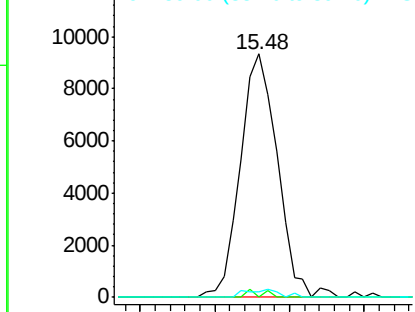


#50
2,6-Dinitrotoluene
Concen: 7.249 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.44 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

Tot Ion:165 Resp: 16095
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.2 49.2 73.8#

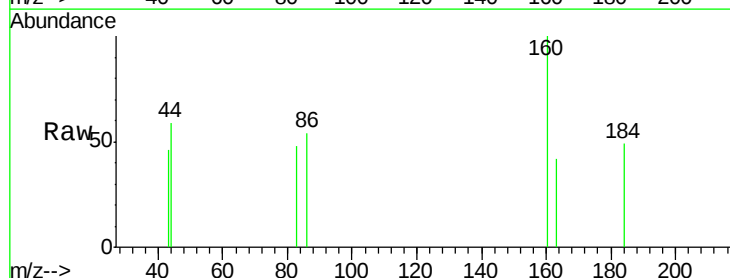


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

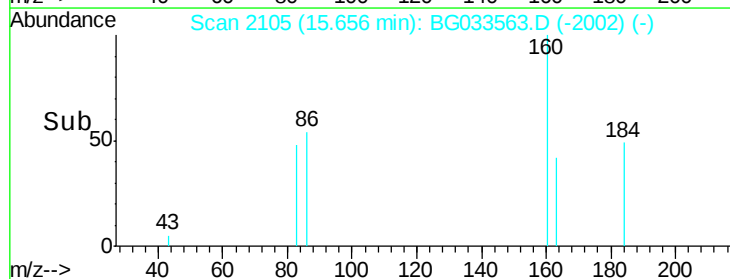
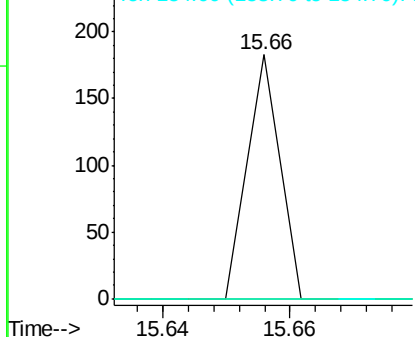


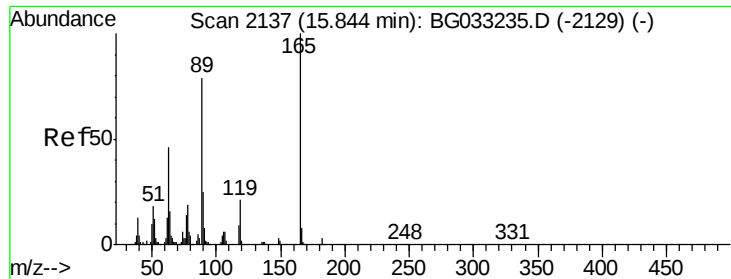
#53
2,4-Dinitrophenol
Concen: 7.694 ng
RT: 15.66 min Scan# 2105
Delta R.T. 0.07 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

Tgt Ion:184 Resp: 65
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: 4.923 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.34 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

Tot Ion:165 Resp: 16094

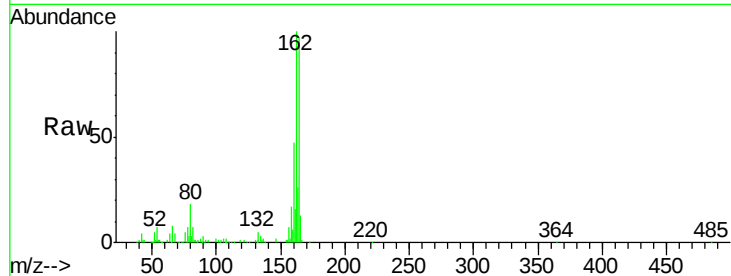
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.2 66.9 100.3#

182 0.0 2.6 3.8#

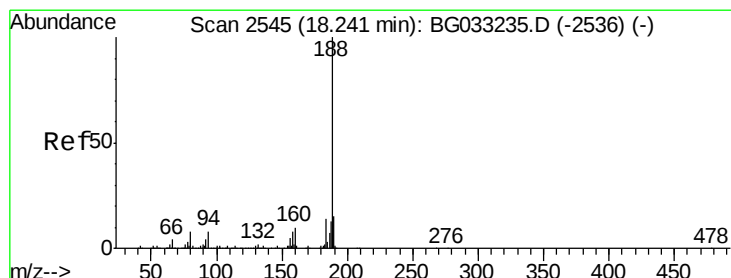
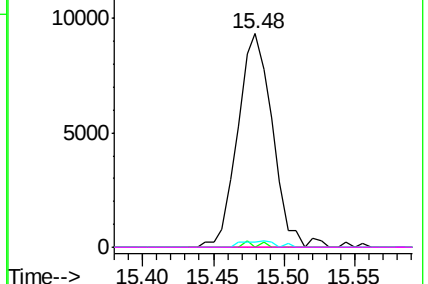
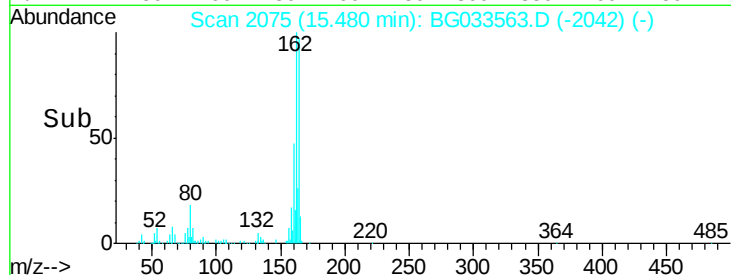


Abundance Ion 165.00 (164.70 to 165.70): E

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): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

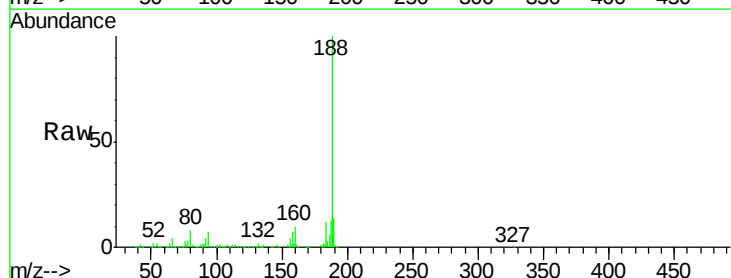
Tgt Ion:188 Resp: 334073

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

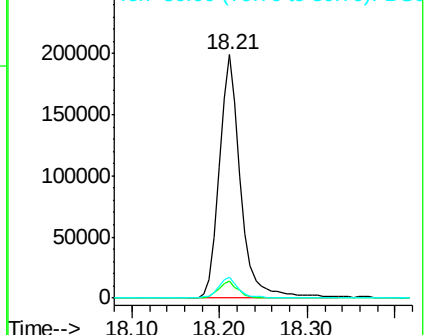
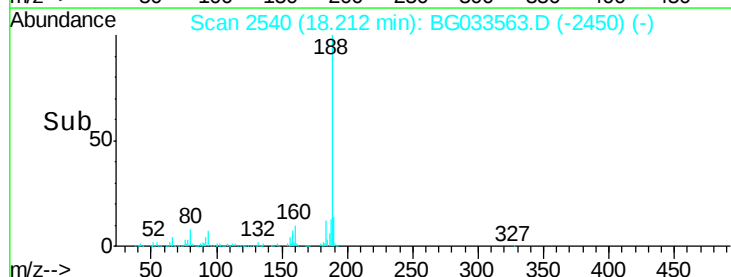
80 8.4 7.7 11.5

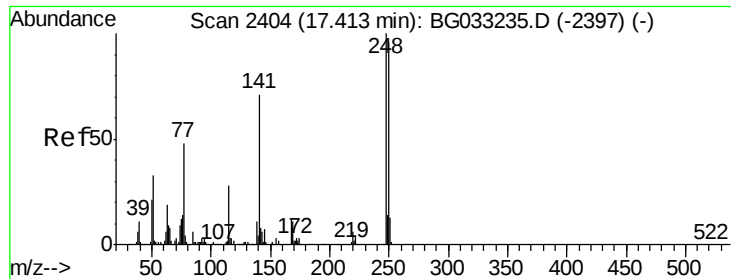


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

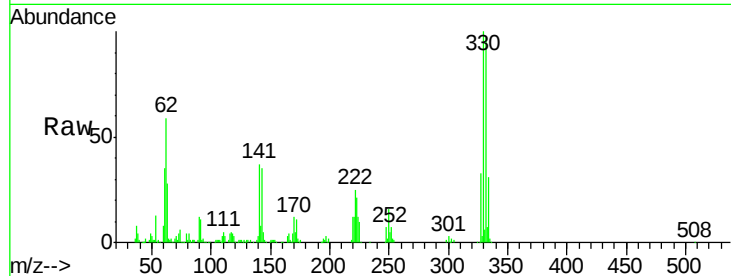
Ion 80.00 (79.70 to 80.70): BGC



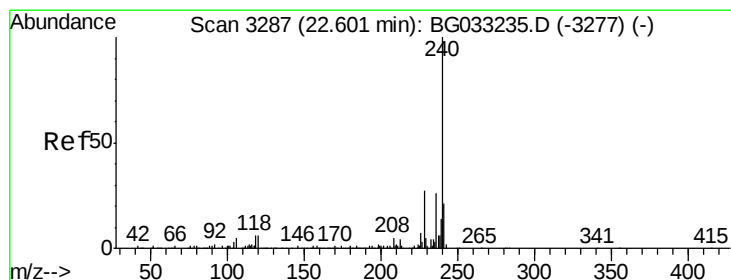
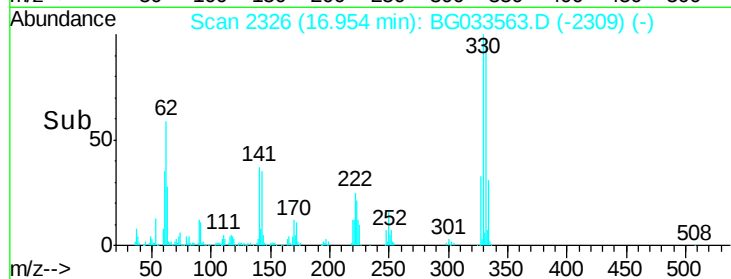
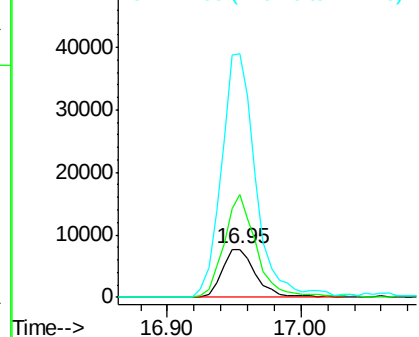


#66
4-Bromophenyl-phenylether
Concen: 3.444 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

Tot Ion:248 Resp: 13513
Ion Ratio Lower Upper
248 100
250 215.2 77.1 115.7#
141 507.8 50.8 76.2#

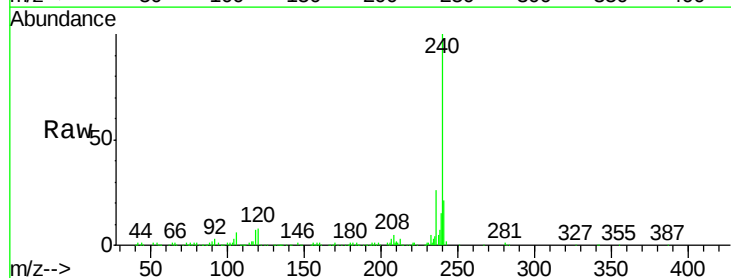


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

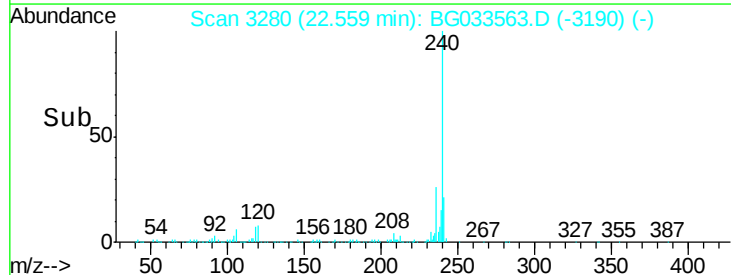
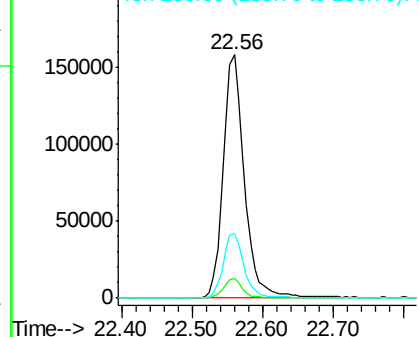


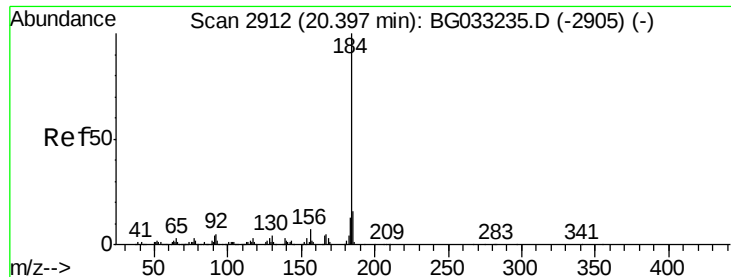
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

Tgt Ion:240 Resp: 330412
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.4 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: 2.876 ng

RT: 20.73 min Scan# 2969

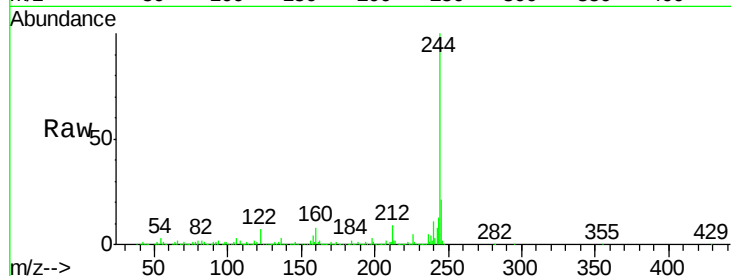
Delta R.T. 0.36 min

Lab File: BG033563.D

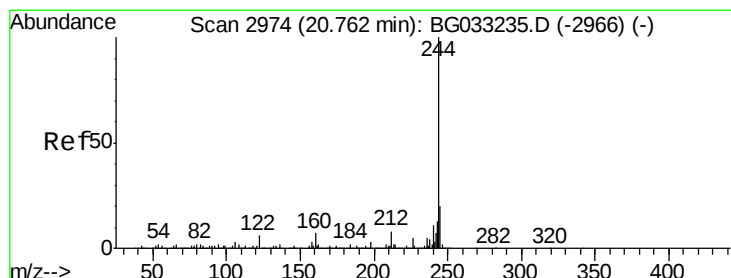
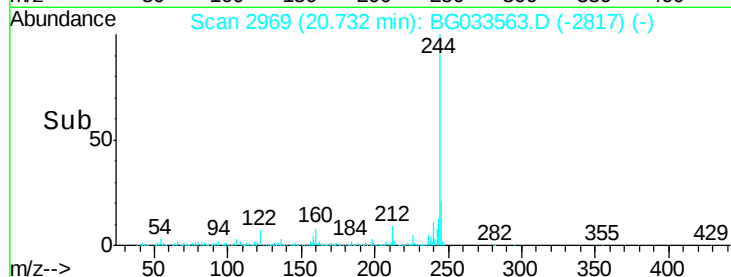
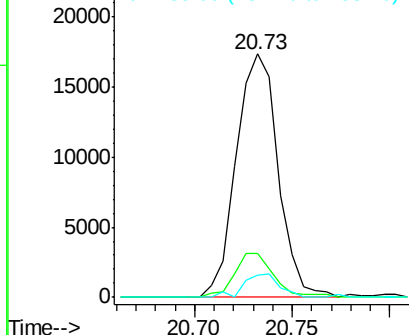
Acq: 4 Apr 2018 17:05

Tot Ion:184 Resp: 25772

Ion	Ratio	Lower	Upper
184	100		
185	18.1	11.1	16.7#
183	9.0	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: 96.655 ng

RT: 20.73 min Scan# 2969

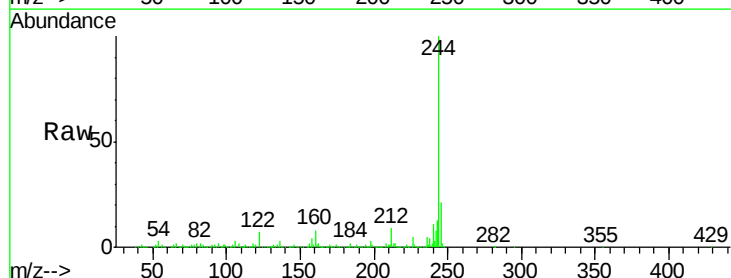
Delta R.T. -0.00 min

Lab File: BG033563.D

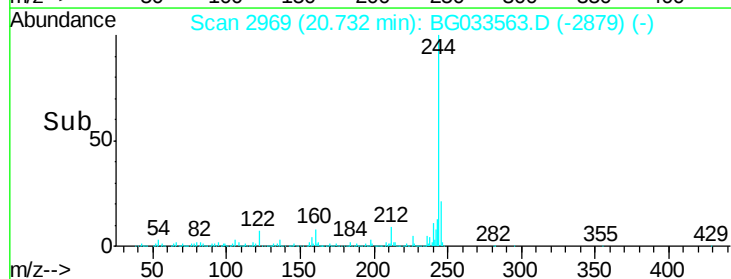
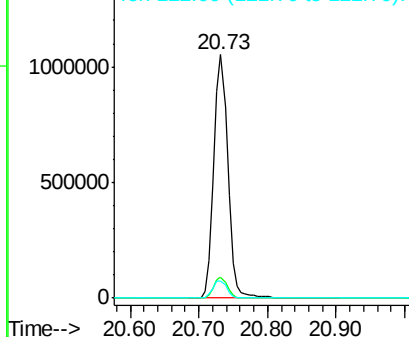
Acq: 4 Apr 2018 17:05

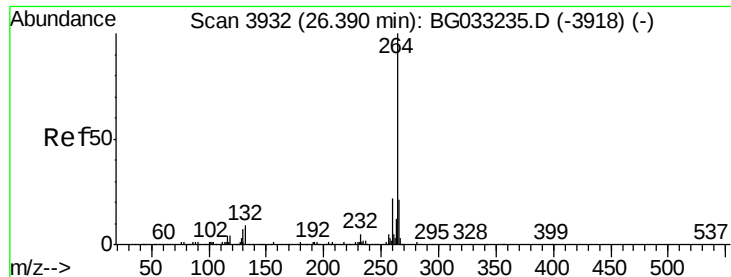
Tgt Ion:244 Resp: 1493309

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.2	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. 0.00 min
Lab File: BG033563.D
Acq: 4 Apr 2018 17:05

Tot Ion:	264	Resp:	335622
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	23.0	17.7	26.5

