

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033575.D
 Acq On : 5 Apr 2018 1:56
 Operator : SJ/JU
 Sample : J2151-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

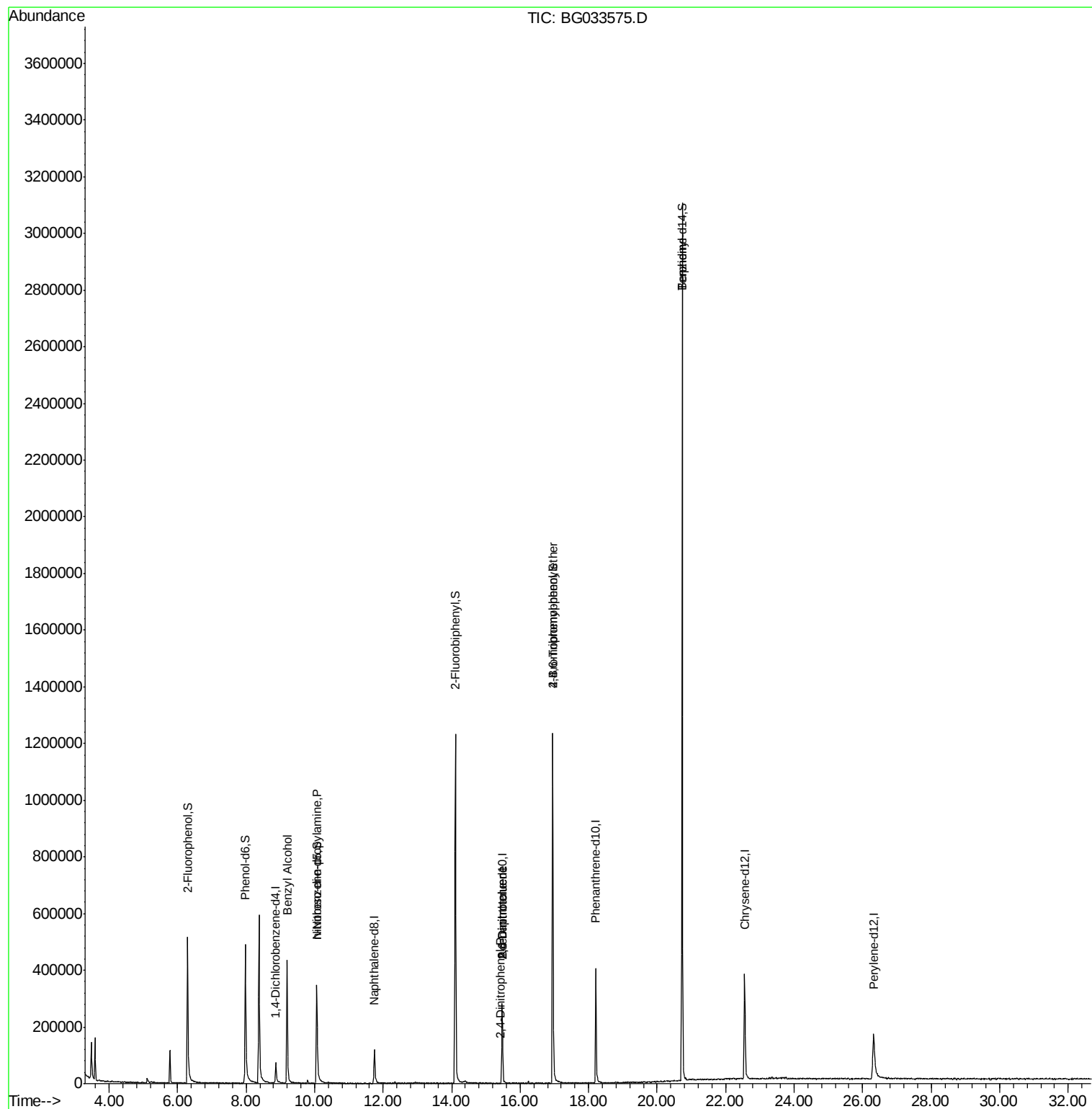
Quant Time: Apr 05 03:28:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

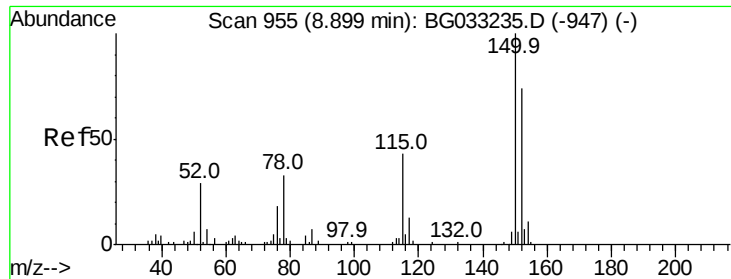
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28439	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	125590	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	102651	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	291044	20.00	ng	0.00
75) Chrysene-d12	22.56	240	295766	20.00	ng	0.00
86) Perylene-d12	26.32	264	279853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	255438	168.42	ng	0.00
7) Phenol-d6	7.97	99	367827	141.15	ng	0.00
23) Nitrobenzene-d5	10.06	82	283476	103.70	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	250451	163.13	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	718932	101.11	ng	0.00
78) Terphenyl-d14	20.73	244	1517120	109.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4748	2.314	ng	# 34
19) n-Nitroso-di-n-propylamine	10.06	70	38130	19.968	ng	# 76
50) 2,6-Dinitrotoluene	15.48	165	13054	7.146	ng	# 18
53) 2,4-Dinitrophenol	15.43	184	54	7.695	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13054	4.854	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	18936	5.540	ng	# 1
76) Benzidine	20.73	184	27316	3.406	ng	# 90

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

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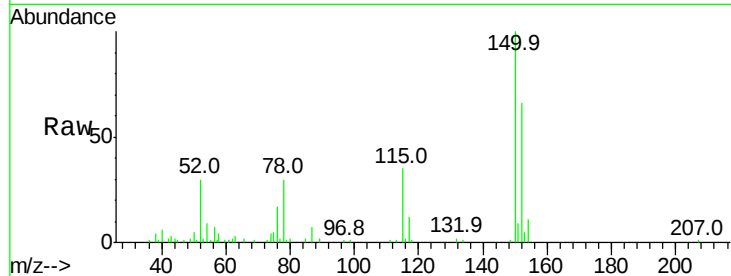




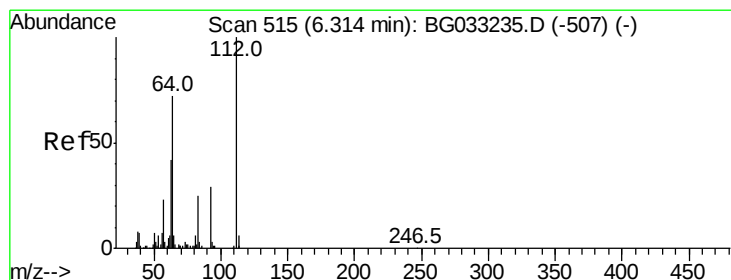
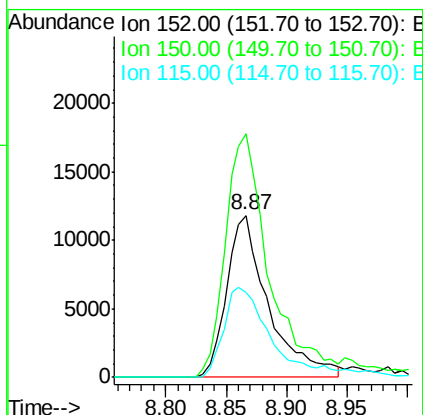
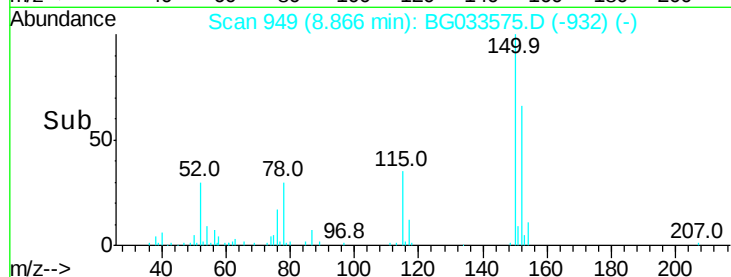
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.6	189.8
115	52.7	53.0	79.4#



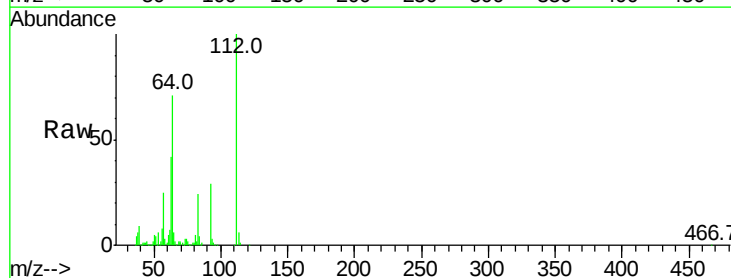
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



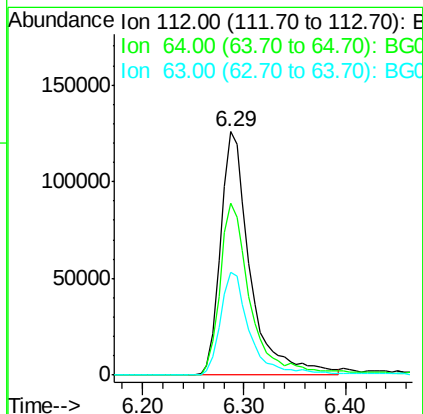
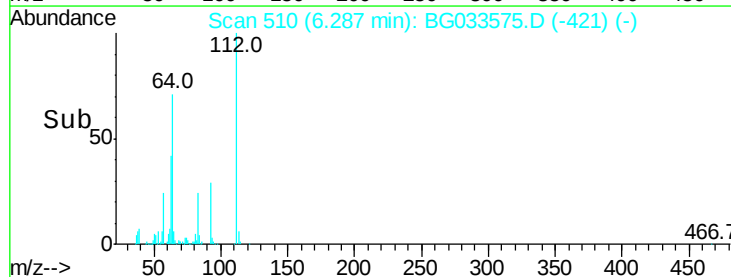
#5

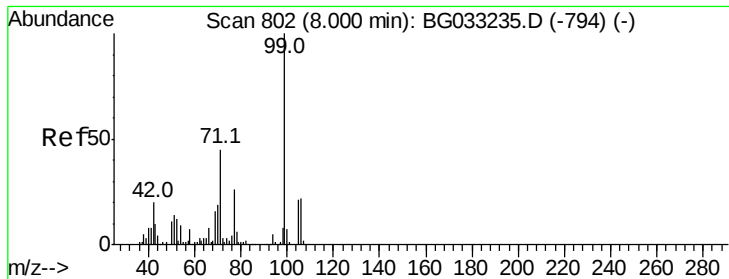
2-Fluorophenol
Concen: 168.423 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.3	84.5
63	42.0	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: 141.151 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

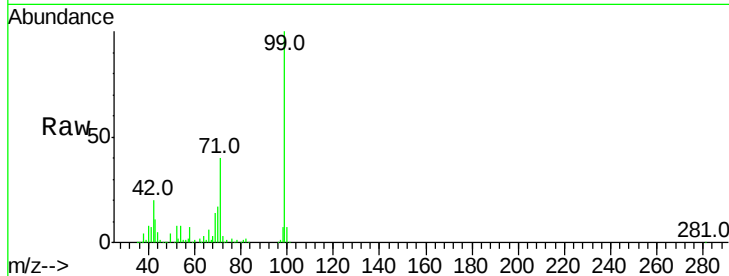
Tot Ion: 99 Resp: 367827

Ion Ratio Lower Upper

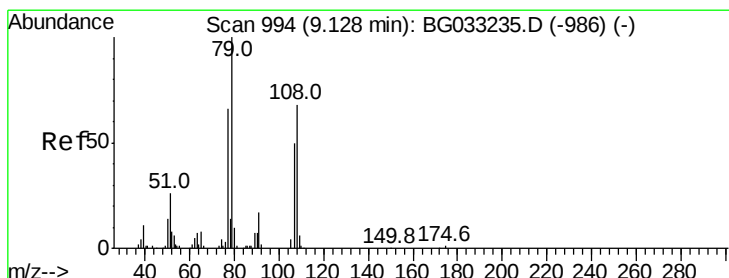
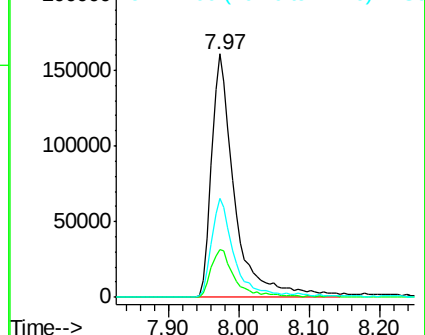
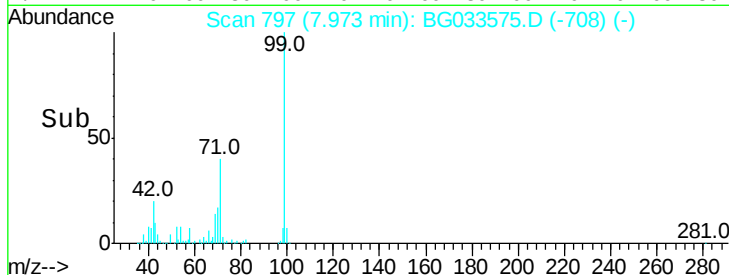
99 100

42 19.7 14.1 21.1

71 40.4 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: 2.314 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

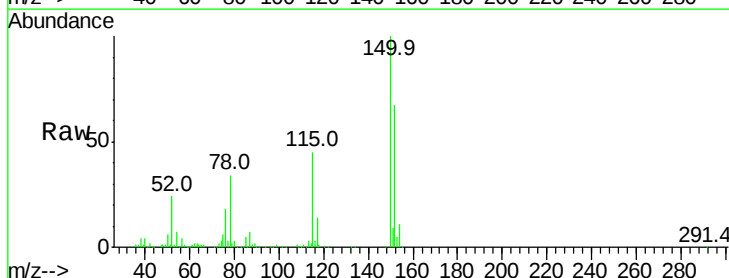
Tgt Ion: 79 Resp: 4748

Ion Ratio Lower Upper

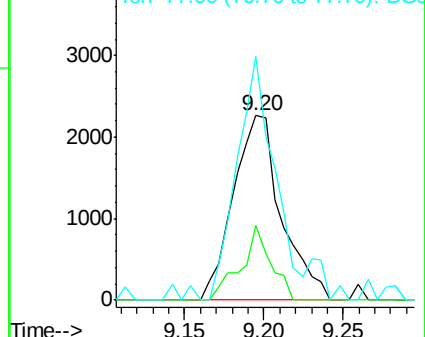
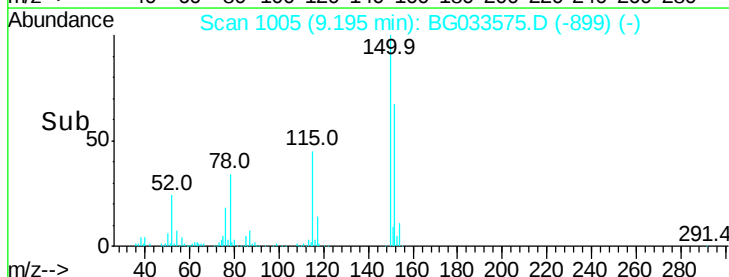
79 100

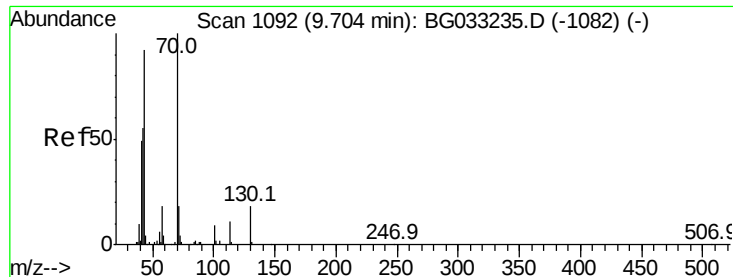
108 40.6 57.2 85.8#

77 132.1 46.1 69.1#



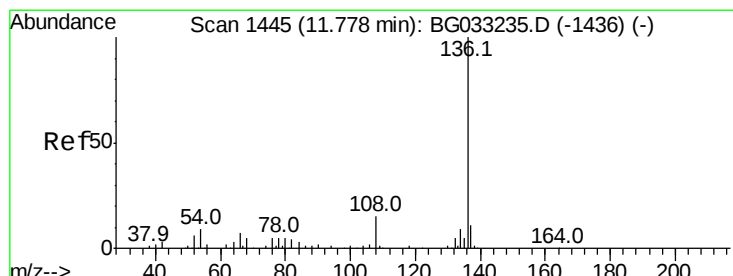
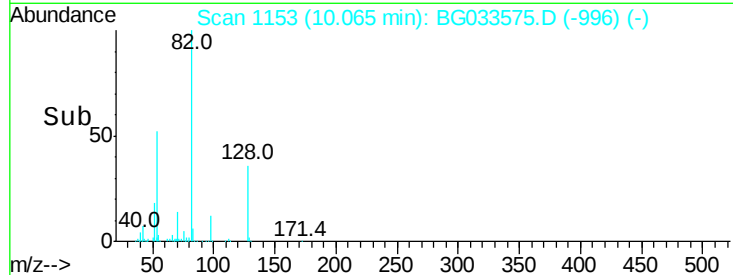
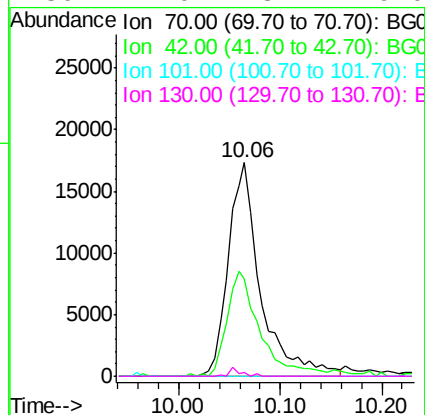
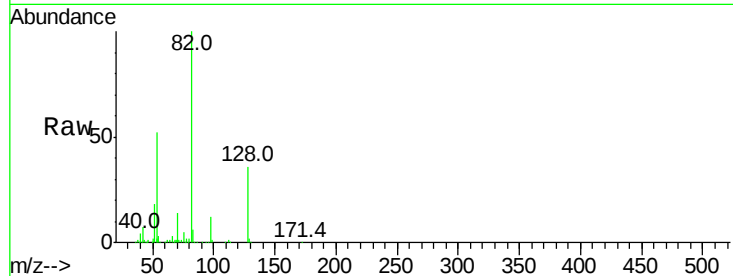
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





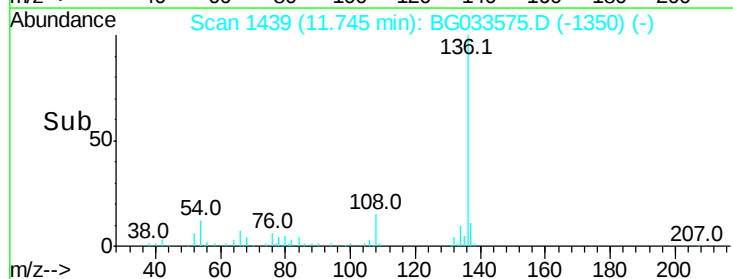
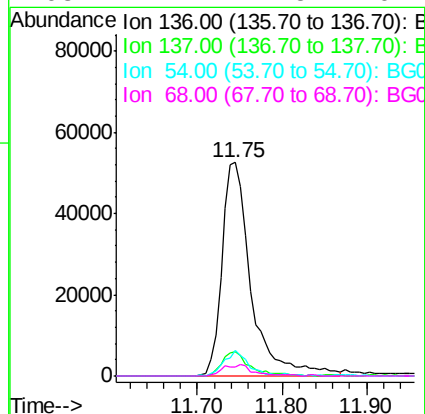
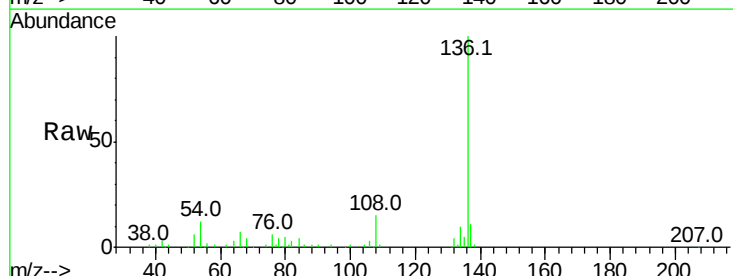
#19
n-Nitroso-di-n-propylamine
Concen: 19.968 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

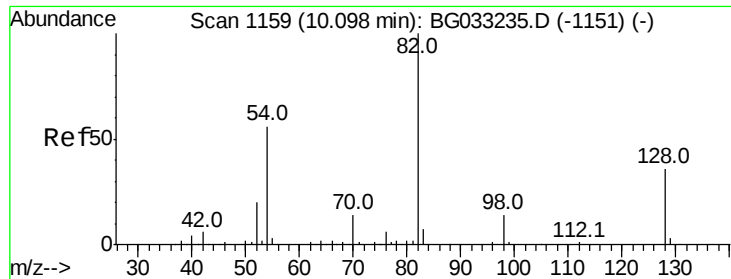
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.6	49.1	73.7#	
101	0.0	8.5	12.7#	
130	2.0	13.4	20.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

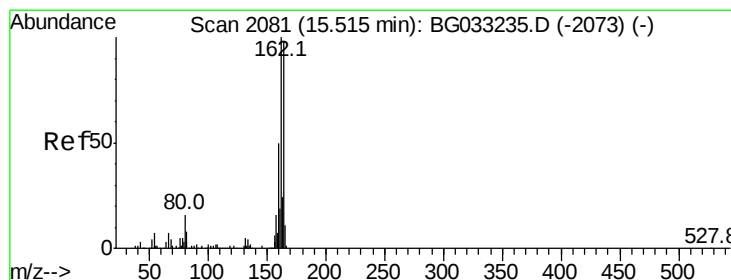
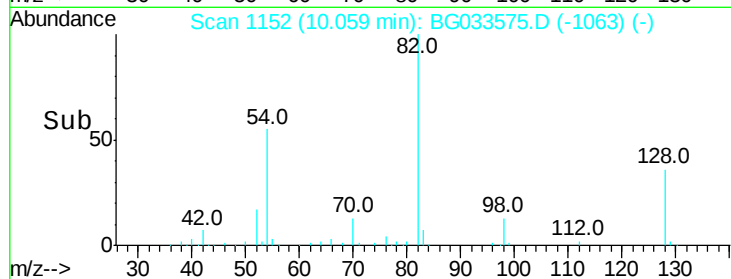
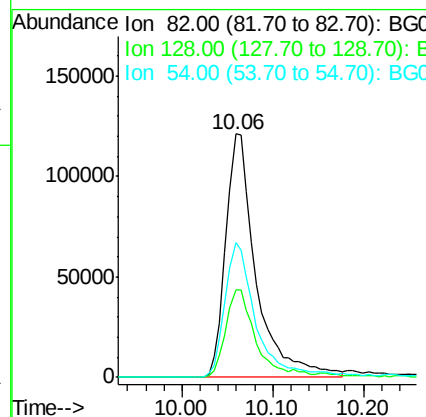
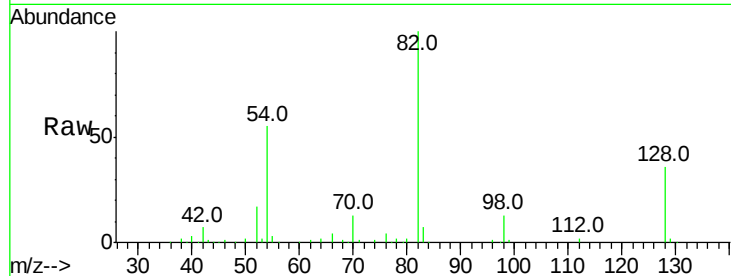
Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.5	9.2	13.8	
54	12.0	10.3	15.5	
68	4.4	4.5	6.7#	





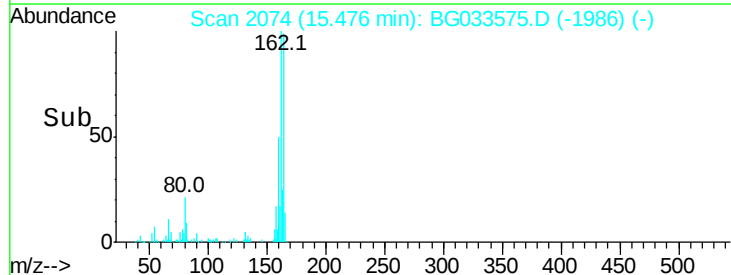
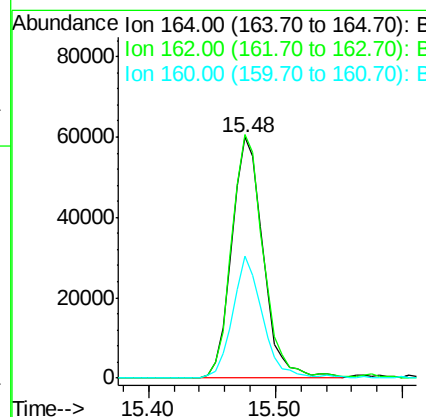
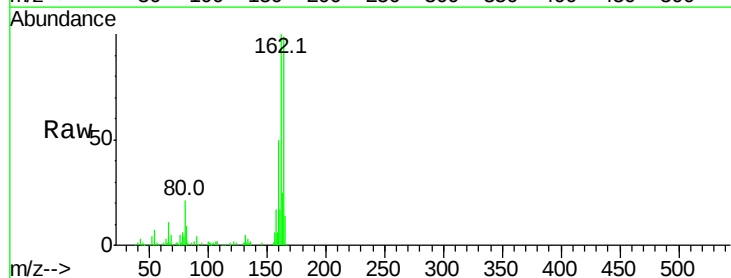
#23
Nitrobenzene-d5
Concen: 103.703 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

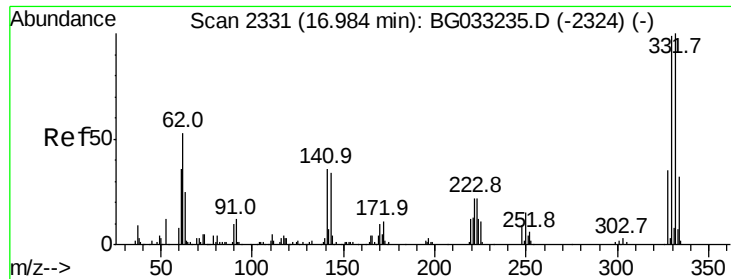
Tot Ion	82	Resp	283476
Ion Ratio	100	Lower	Upper
128	35.9	29.7	44.5
54	55.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

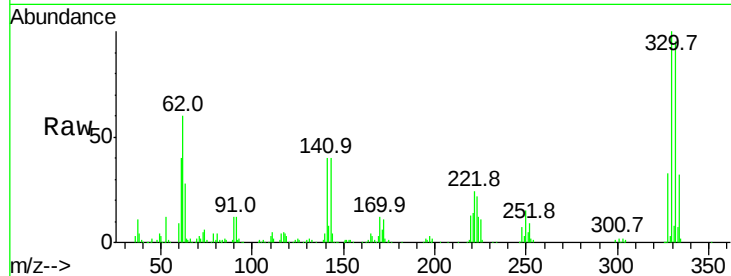
Tgt Ion	164	Resp	102651
Ion Ratio	100	Lower	Upper
162	101.1	78.8	118.2
160	50.6	35.4	53.0



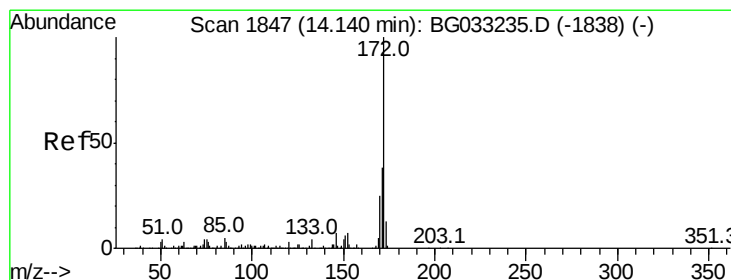
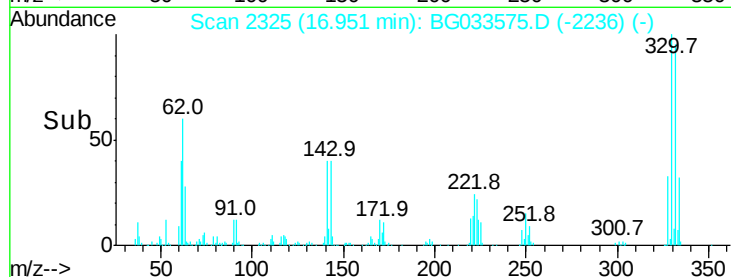
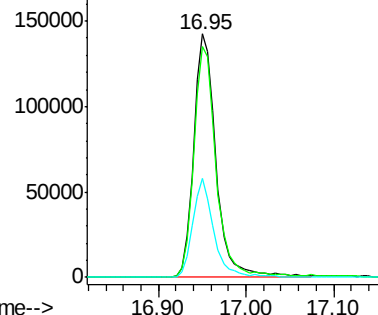


#41
 2,4,6-Tribromophenol
 Concen: 163.132 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.3	25.2	37.8#

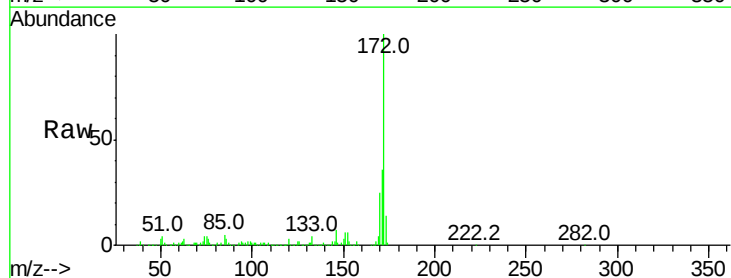


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

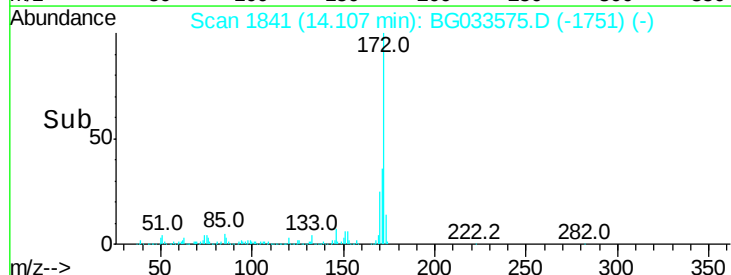
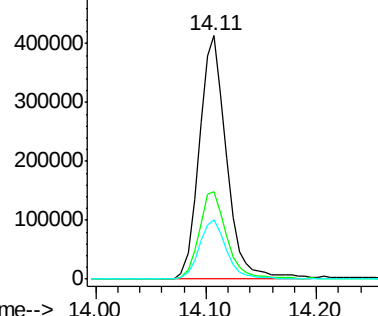


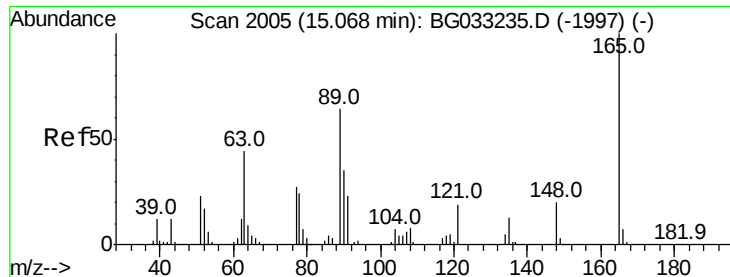
#44
 2-Fluorobiphenyl
 Concen: 101.107 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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: 7.146 ng

RT: 15.48 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

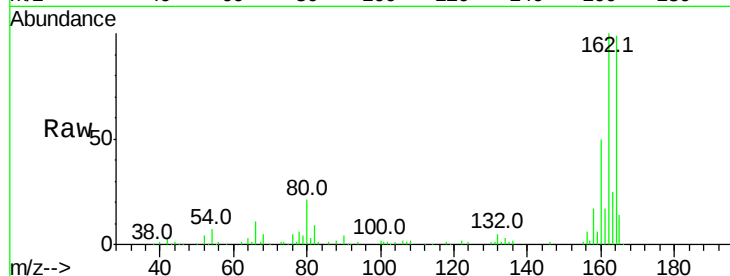
Tot Ion:165 Resp: 13054

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

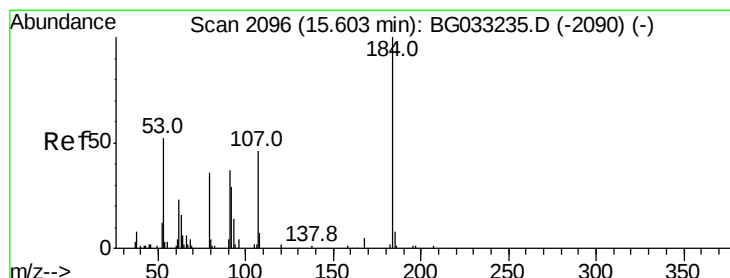
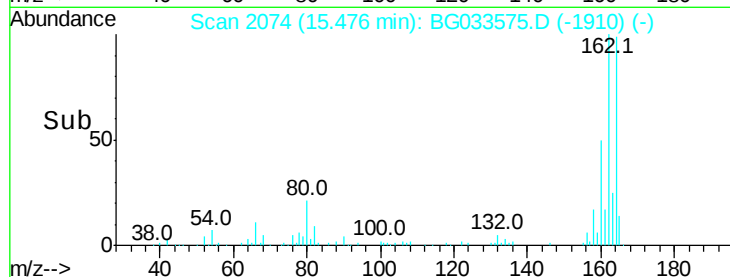
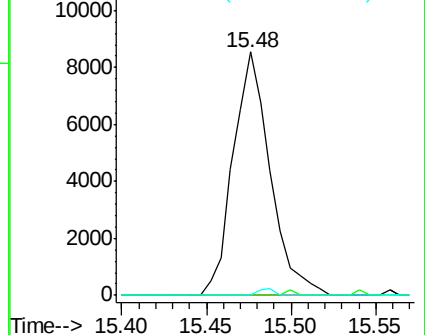
89 0.0 49.2 73.8#



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: 7.695 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.15 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

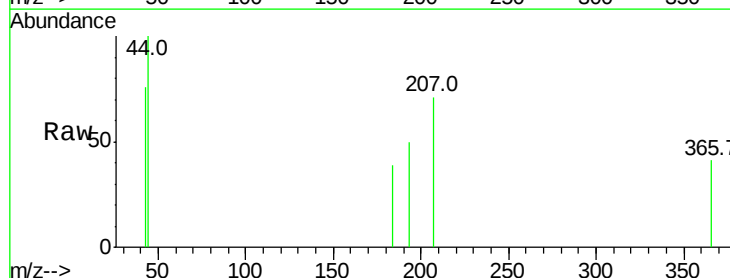
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

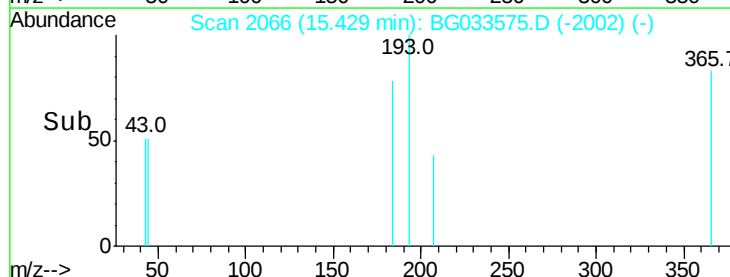
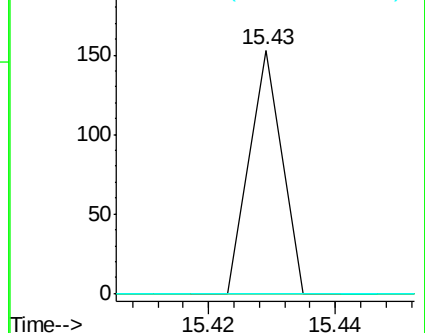
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

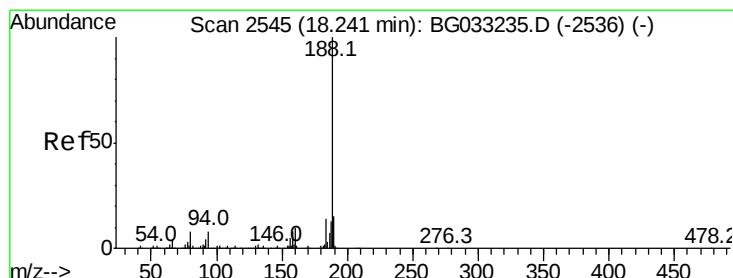
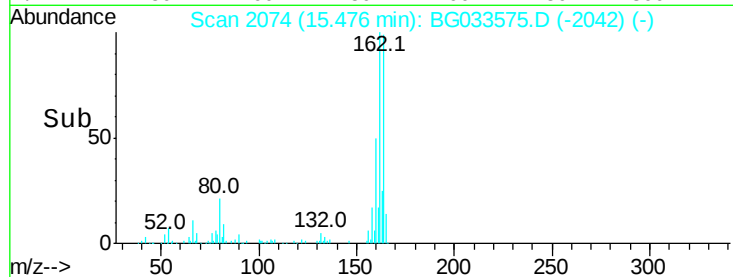
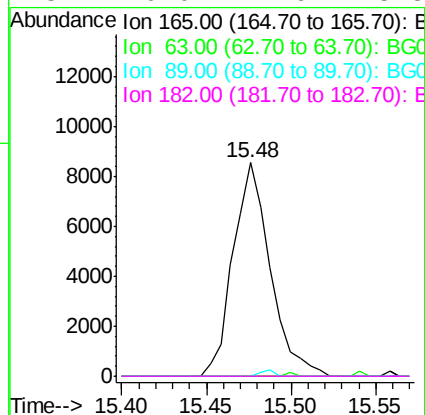
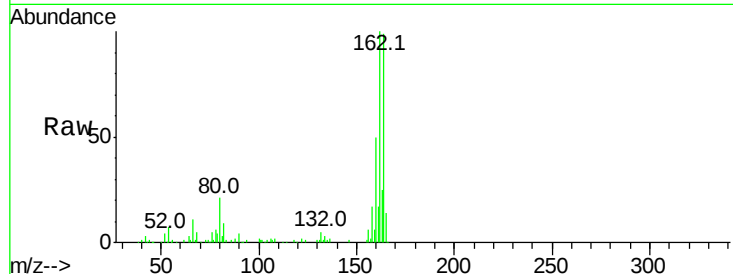
Ion 154.00 (153.70 to 154.70): E





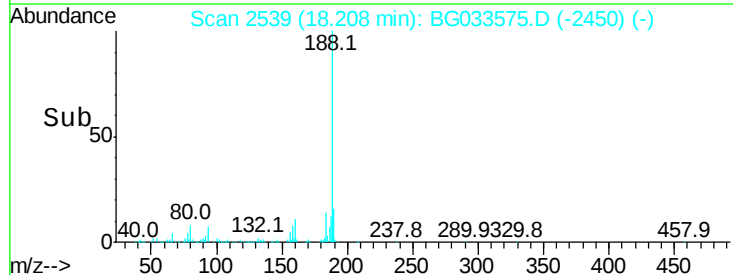
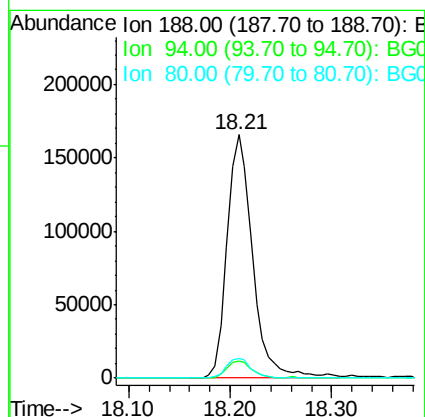
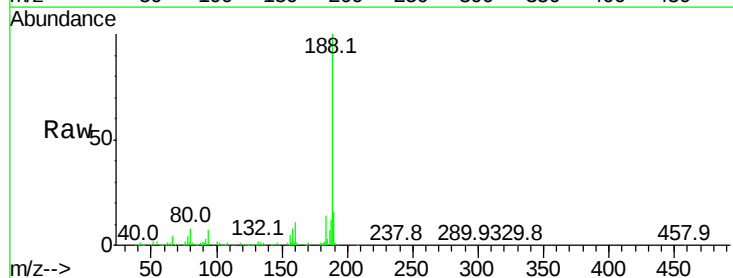
#56
 2,4-Dinitrotoluene
 Concen: 4.854 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

Tot 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#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

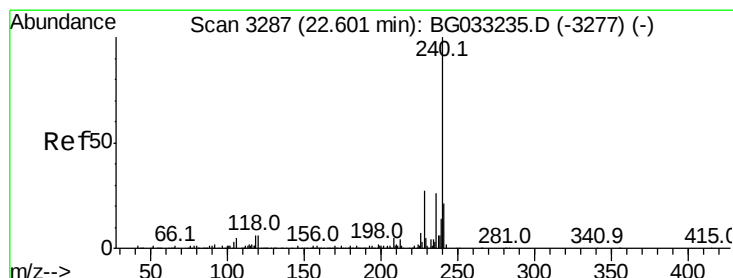
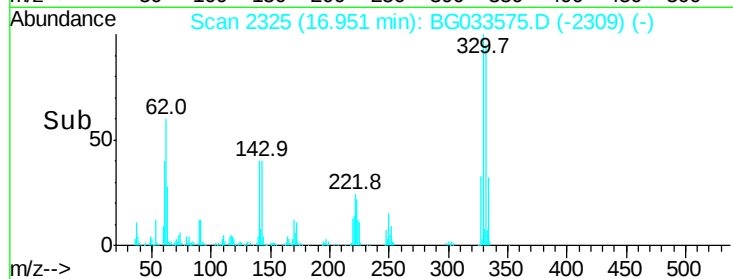
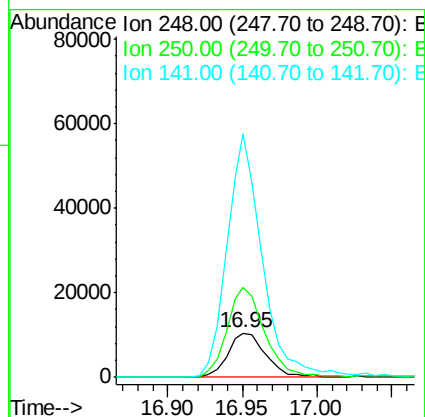
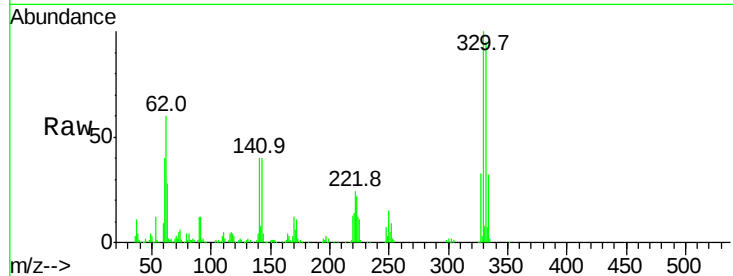
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3#
80	7.8	7.7	11.5





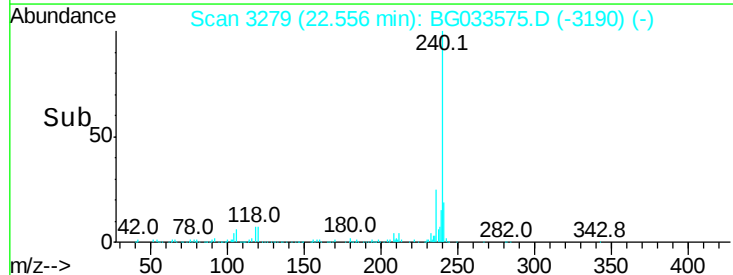
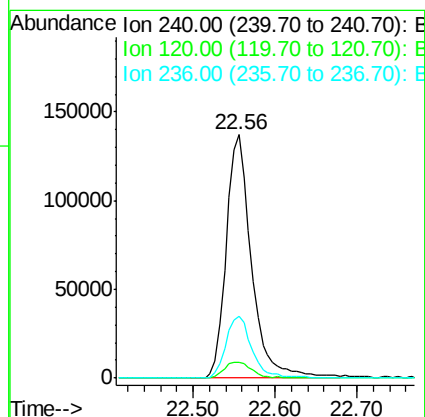
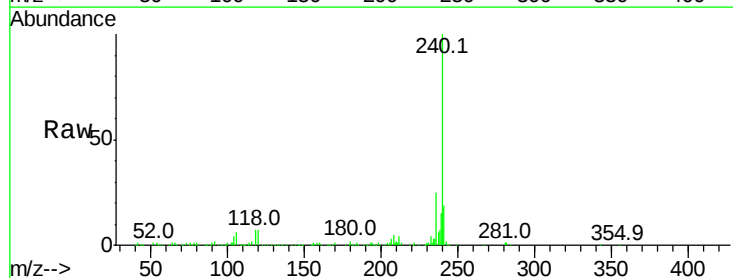
#66
4-Bromophenyl-phenylether
Concen: 5.540 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

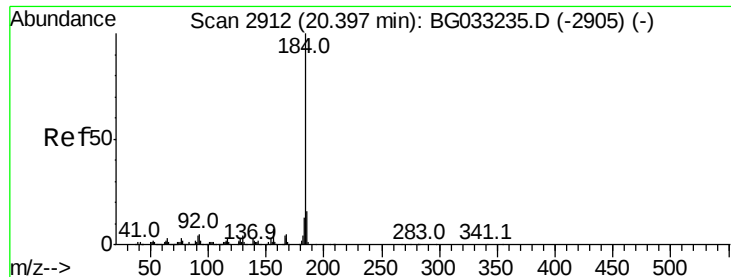
Tot Ion:248 Resp: 18936
Ion Ratio Lower Upper
248 100
250 203.0 77.1 115.7#
141 547.8 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033575.D
Acq: 5 Apr 2018 1:56

Tgt Ion:240 Resp: 295766
Ion Ratio Lower Upper
240 100
120 6.6 6.8 10.2#
236 25.5 20.9 31.3





#76

Benzidine

Concen: 3.406 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

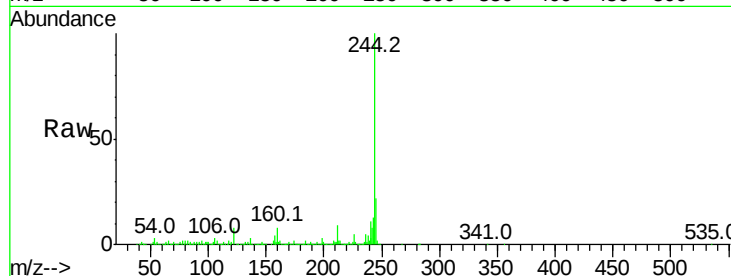
Tot Ion:184 Resp: 27316

Ion Ratio Lower Upper

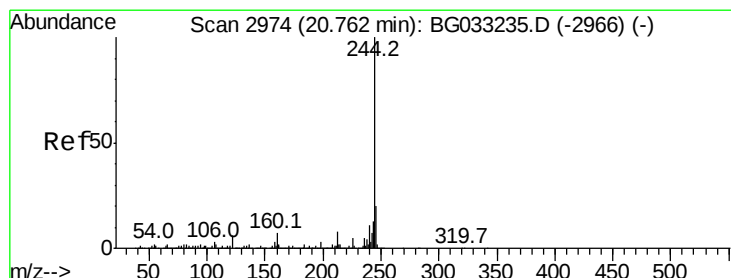
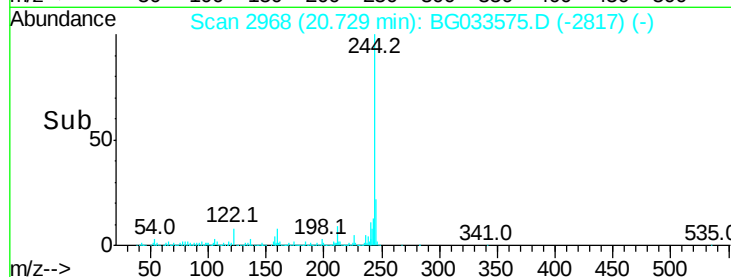
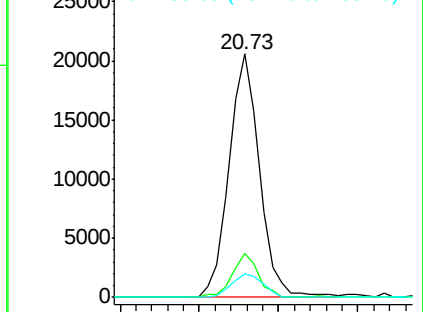
184 100

185 18.2 11.1 16.7#

183 9.5 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: 109.699 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033575.D

Acq: 5 Apr 2018 1:56

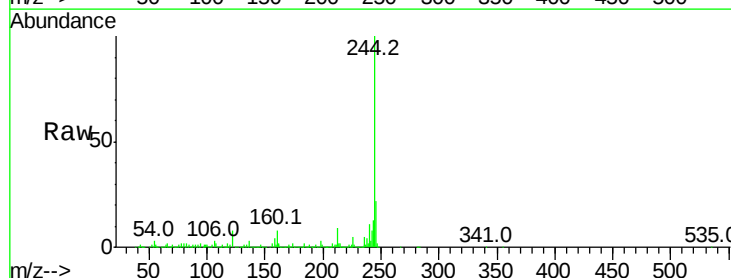
Tgt Ion:244 Resp: 1517120

Ion Ratio Lower Upper

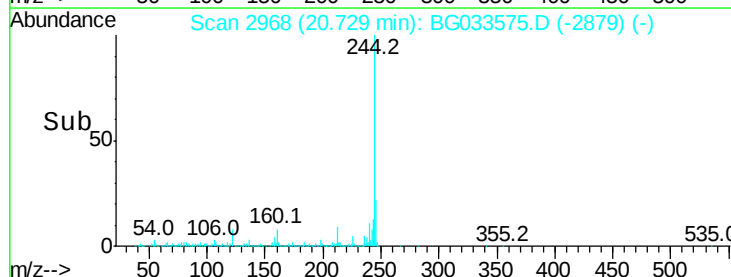
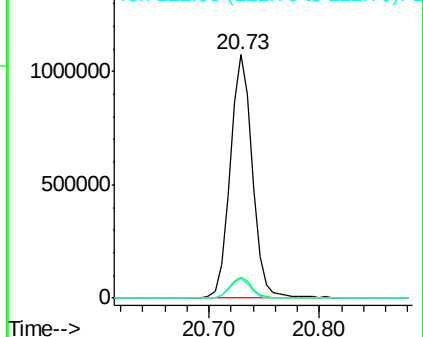
244 100

212 8.6 5.8 8.8

122 7.9 7.0 10.4



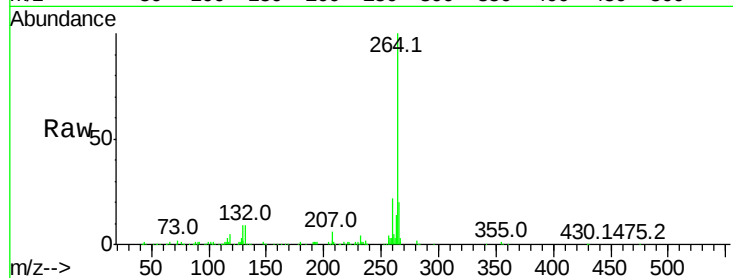
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033575.D
 Acq: 5 Apr 2018 1:56

Tot Ion:	264	Resp:	279853
Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	19.5	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

