

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033574.D
 Acq On : 5 Apr 2018 1:19
 Operator : SJ/JU
 Sample : J2151-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

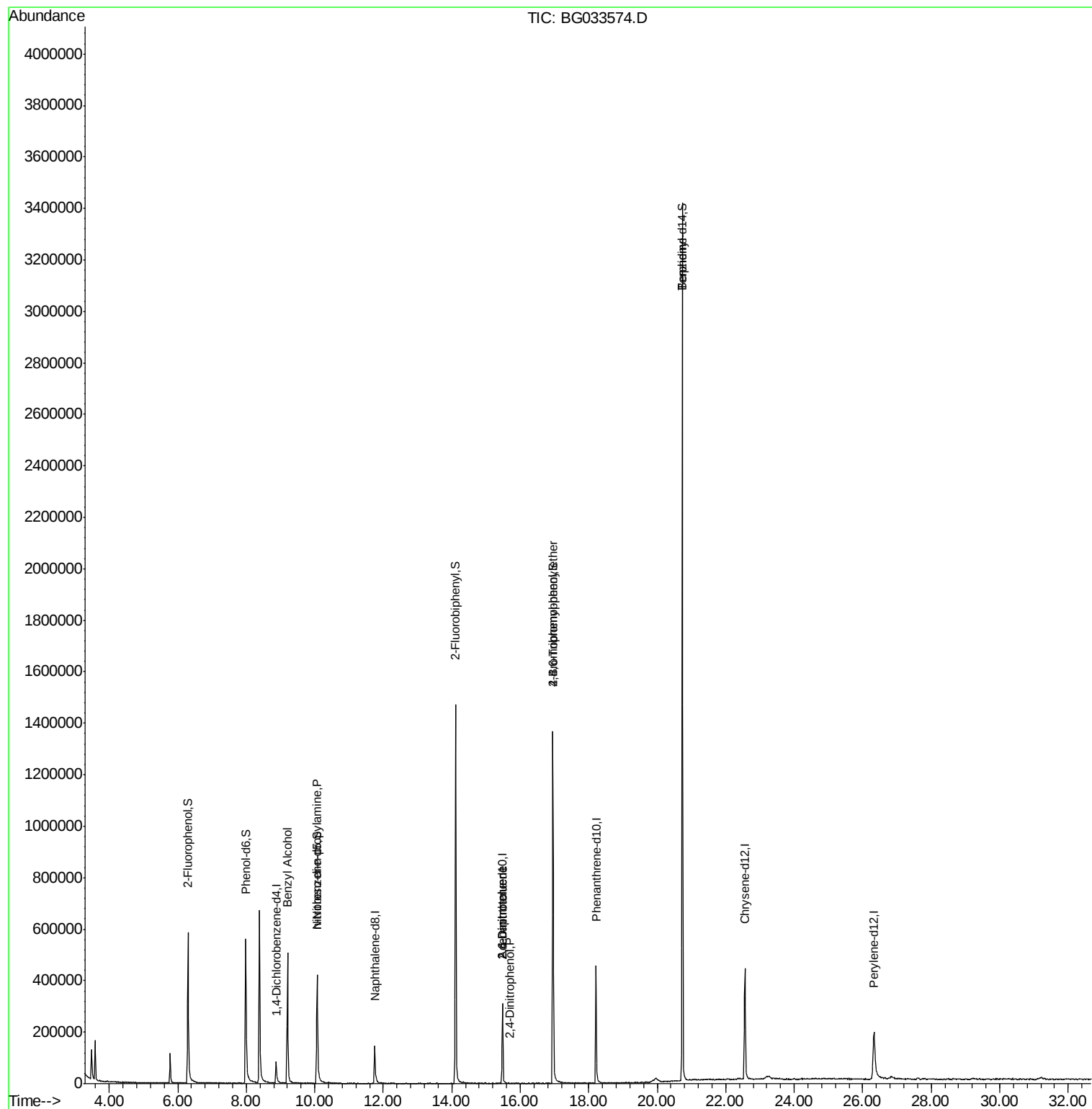
Quant Time: Apr 05 03:27:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

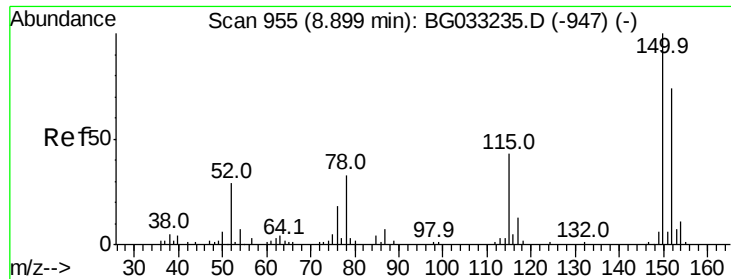
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30620	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	149557	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	118229	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	333381	20.00	ng	0.00
75) Chrysene-d12	22.56	240	341097	20.00	ng	0.00
86) Perylene-d12	26.33	264	326307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	285956	175.11	ng	0.00
7) Phenol-d6	7.98	99	388684	138.53	ng	0.00
23) Nitrobenzene-d5	10.07	82	332114	102.03	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	270015	152.70	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	823770	100.59	ng	0.00
78) Terphenyl-d14	20.73	244	1676139	105.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5509	2.494	ng	# 53
19) n-Nitroso-di-n-propylamine	10.07	70	45895	22.323	ng	# 73
50) 2,6-Dinitrotoluene	15.48	165	15091	7.173	ng	# 21
53) 2,4-Dinitrophenol	15.70	184	54	7.688	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15091	4.872	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	20759	5.302	ng	# 1
76) Benzidine	20.73	184	29419	3.180	ng	# 95

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

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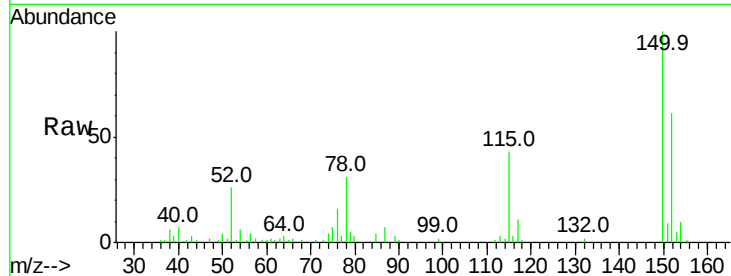




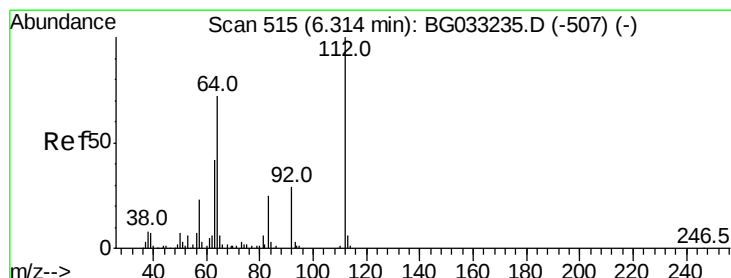
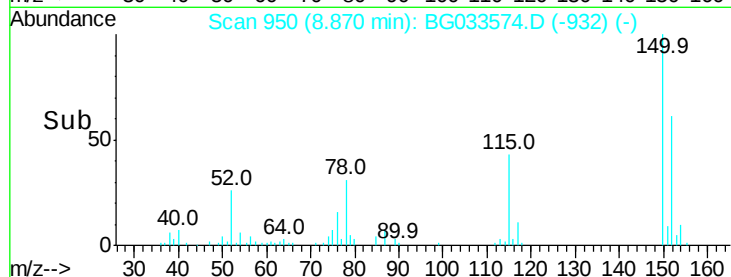
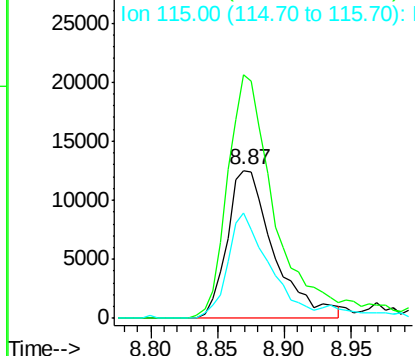
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033574.D
Acq: 5 Apr 2018 1:19

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	126.6	189.8
115	70.9	53.0	79.4



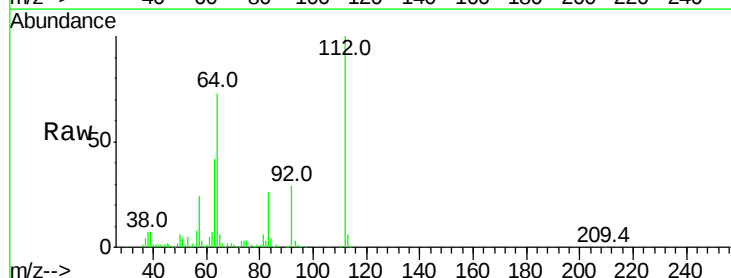
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



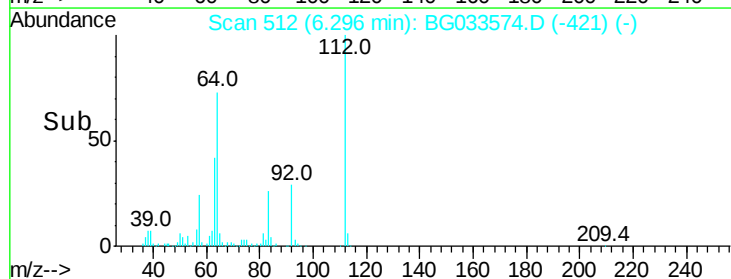
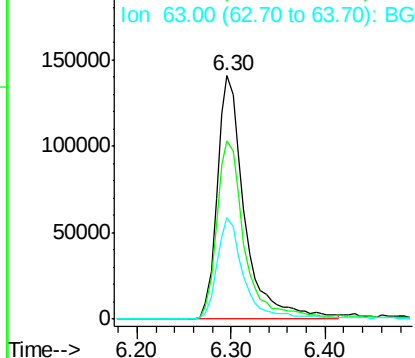
#5

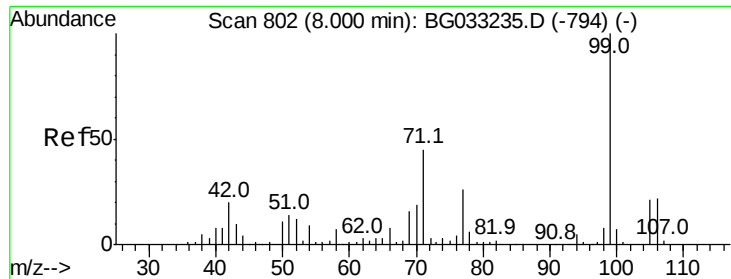
2-Fluorophenol
Concen: 175.115 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033574.D
Acq: 5 Apr 2018 1:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	56.3	84.5
63	41.8	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: 138.531 ng

RT: 7.98 min Scan# 799

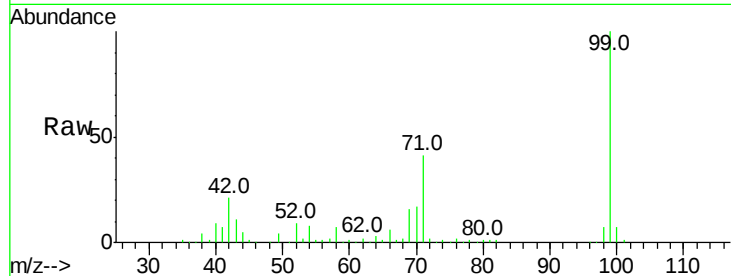
Delta R.T. 0.00 min

Lab File: BG033574.D

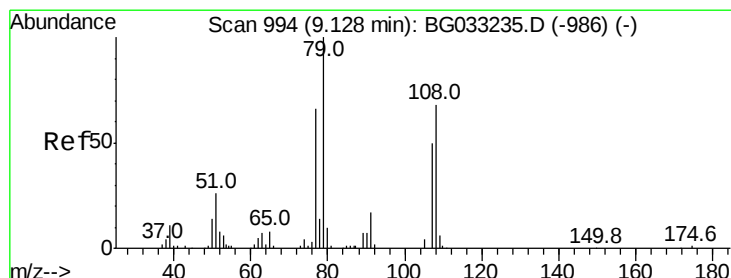
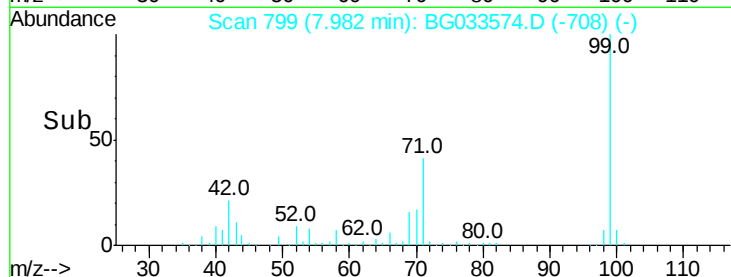
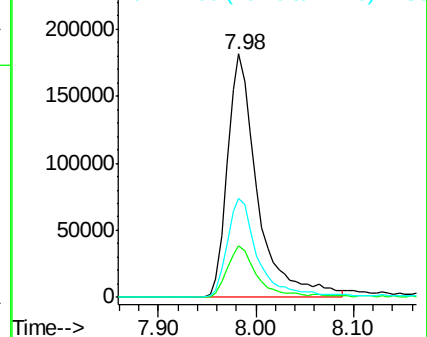
Acq: 5 Apr 2018 1:19

Tot Ion: 99 Resp: 388684

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.1	21.1
71	40.7	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: 2.494 ng

RT: 9.20 min Scan# 1007

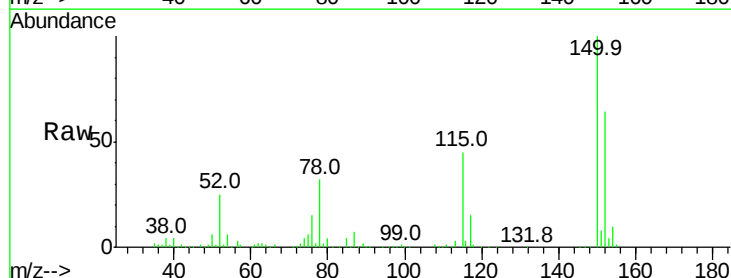
Delta R.T. 0.10 min

Lab File: BG033574.D

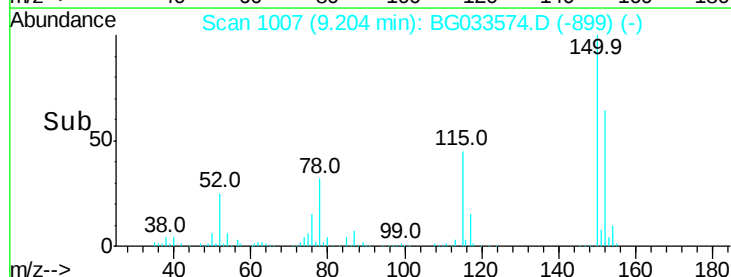
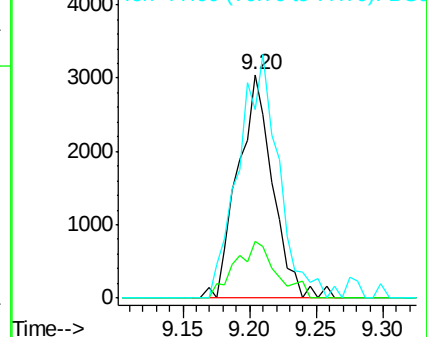
Acq: 5 Apr 2018 1:19

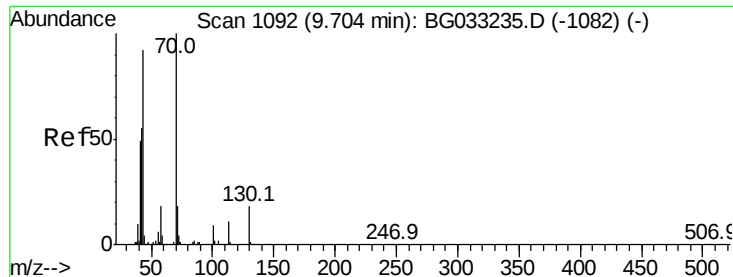
Tgt Ion: 79 Resp: 5509

Ion	Ratio	Lower	Upper
79	100		
108	25.4	57.2	85.8#
77	84.3	46.1	69.1#



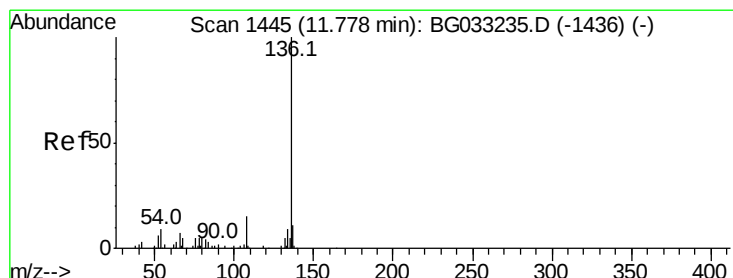
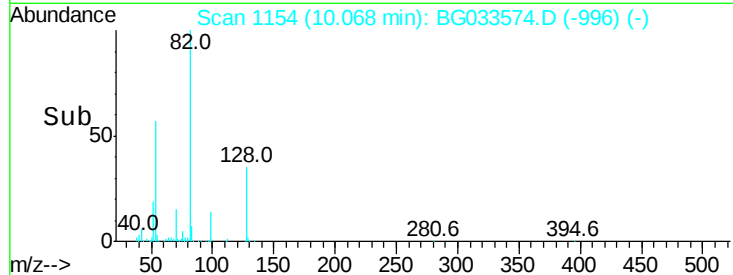
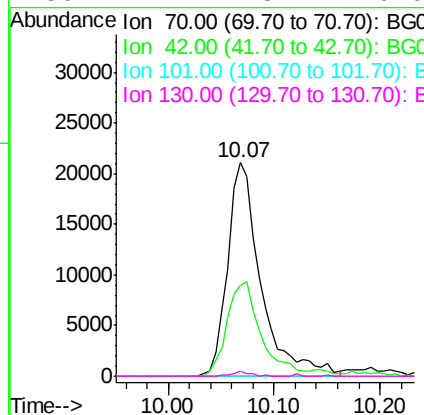
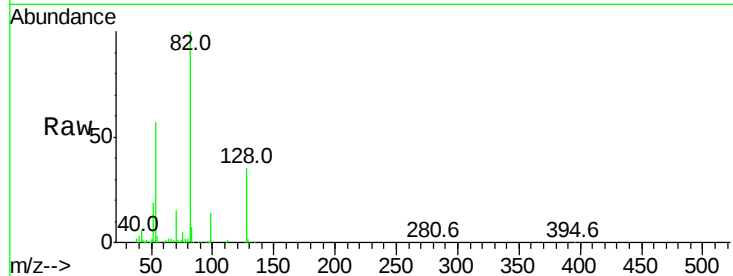
Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 108.00 (107.70 to 108.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





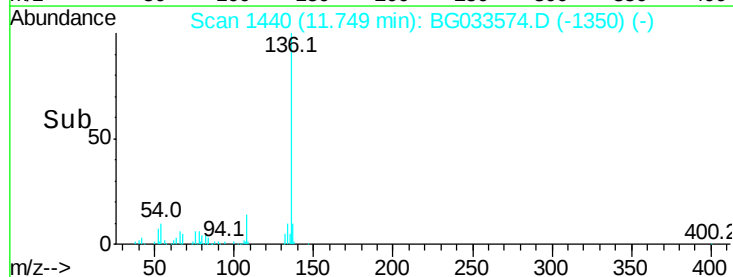
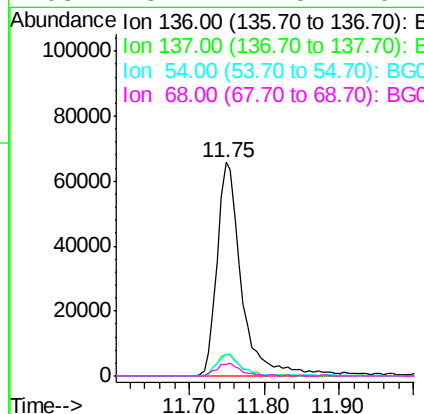
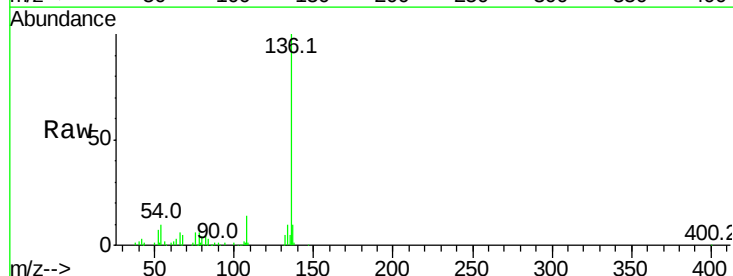
#19
n-Nitroso-di-n-propylamine
Concen: 22.323 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.40 min
Lab File: BG033574.D
Acq: 5 Apr 2018 1:19

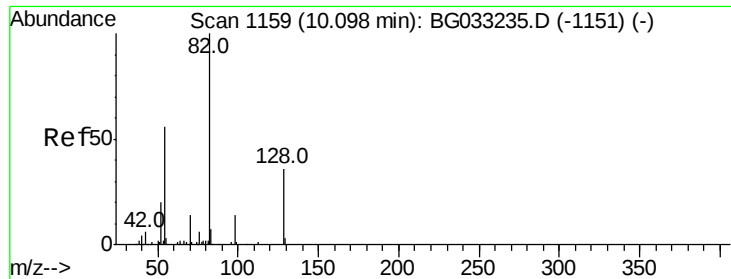
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033574.D
Acq: 5 Apr 2018 1:19

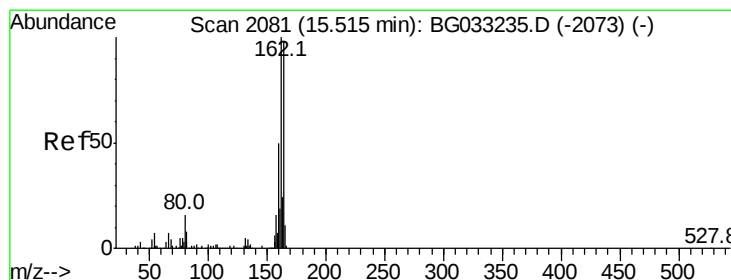
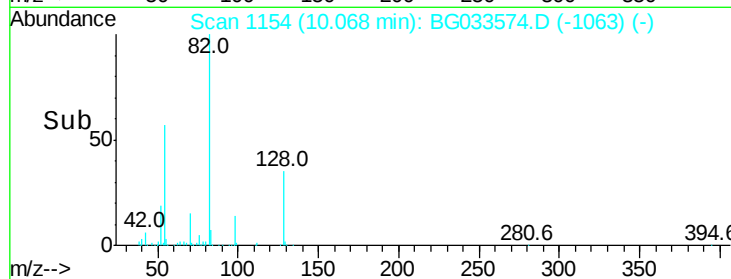
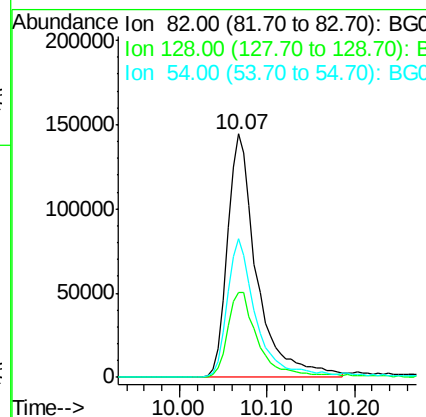
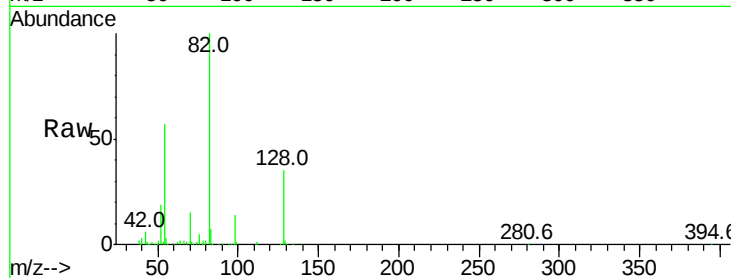
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	9.9	10.3	15.5#
68	5.4	4.5	6.7





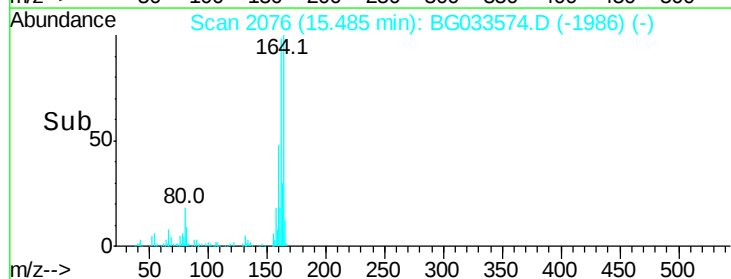
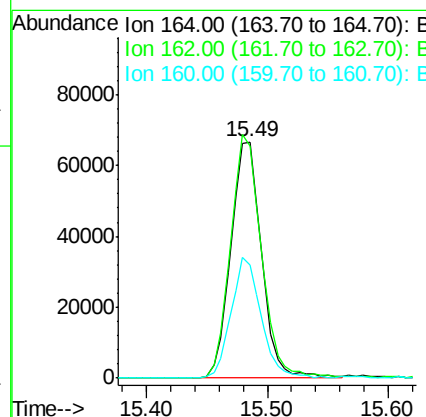
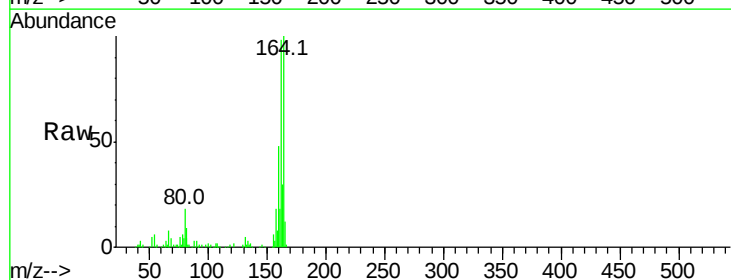
#23
 Nitrobenzene-d5
 Concen: 102.026 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

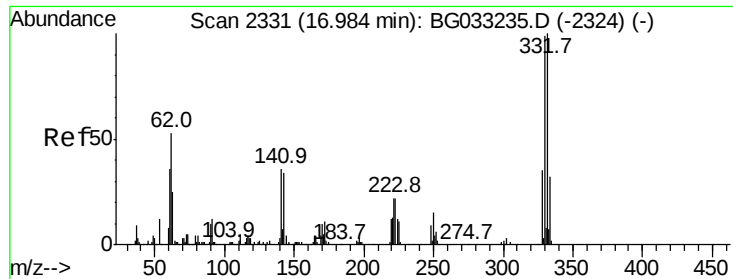
Tot Ion	82	Resp	332114
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	57.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

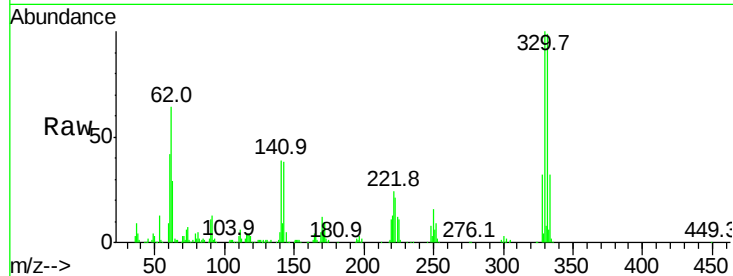
Tgt Ion	164	Resp	118229
Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	48.0	35.4	53.0



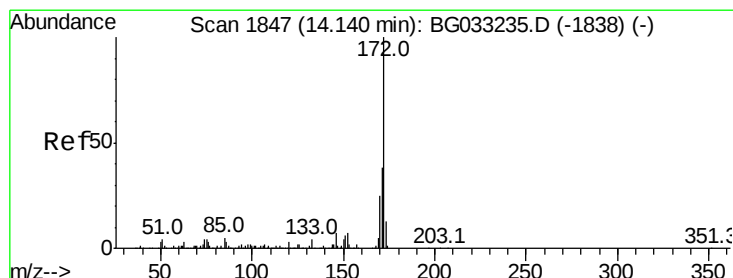
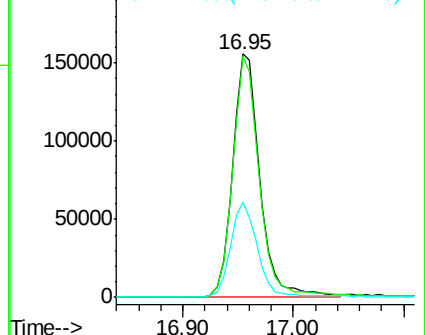
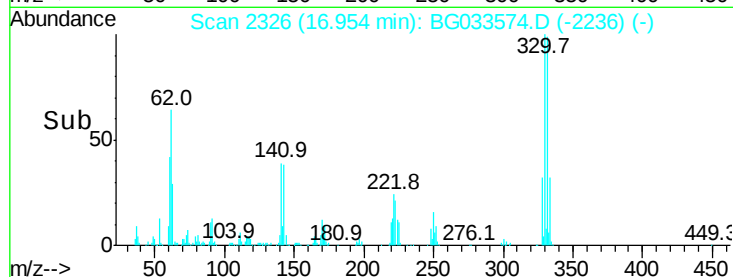


#41
 2,4,6-Tribromophenol
 Concen: 152.702 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.4	25.2	37.8#

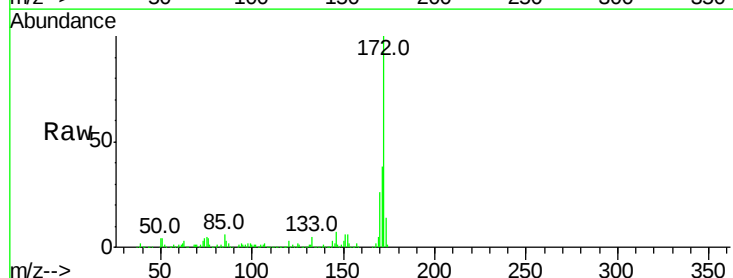


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

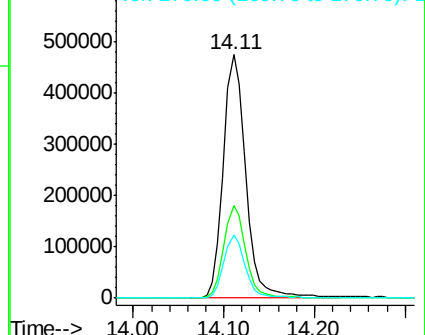
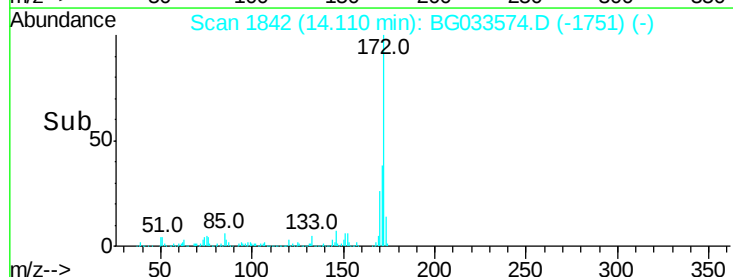


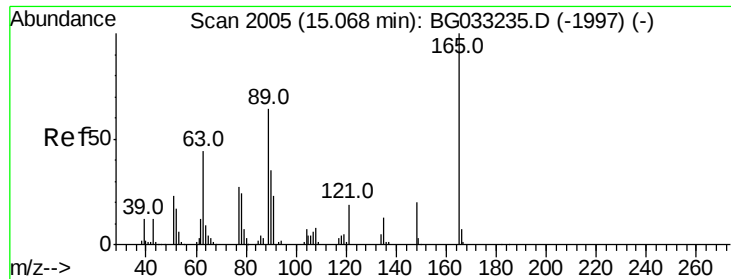
#44
 2-Fluorobiphenyl
 Concen: 100.586 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.8	19.5	29.3



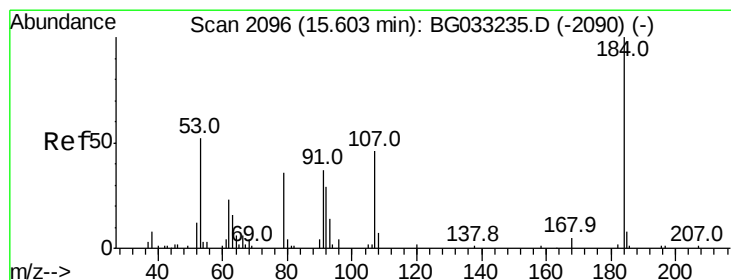
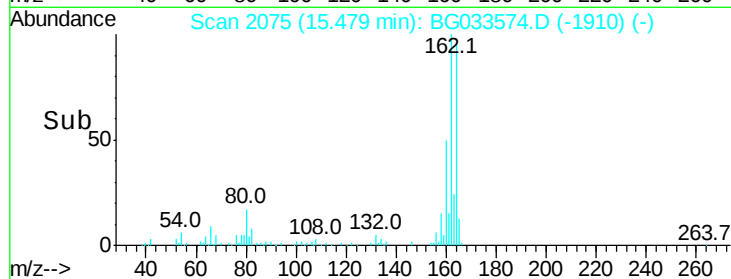
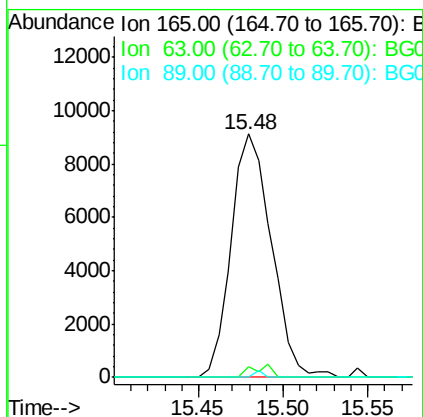
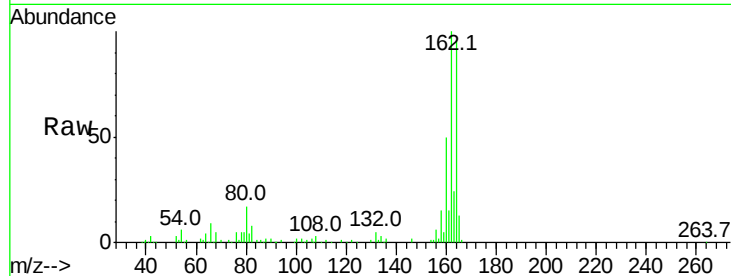
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





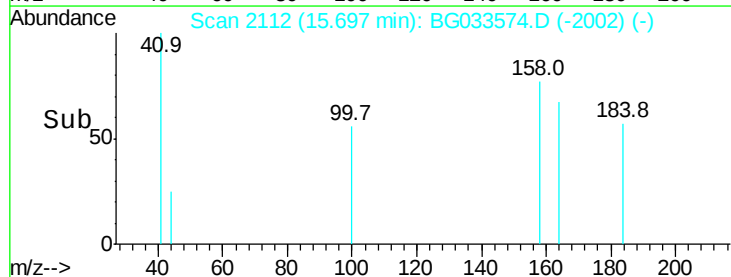
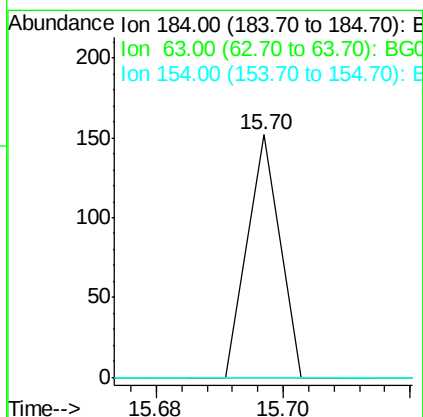
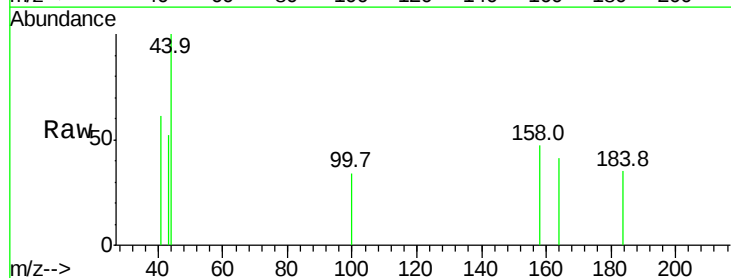
#50
 2,6-Dinitrotoluene
 Concen: 7.173 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

Tot Ion	Ratio	Lower	Upper
165	100		
63	4.4	52.7	79.1#
89	0.0	49.2	73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.688 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. 0.12 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

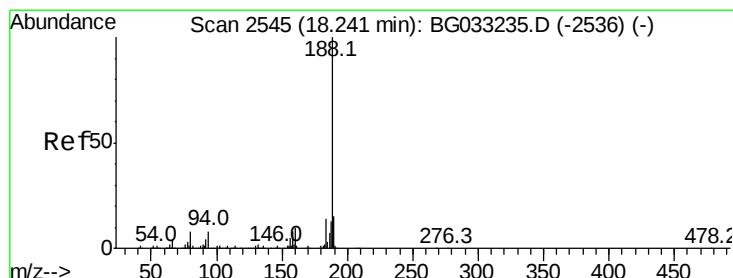
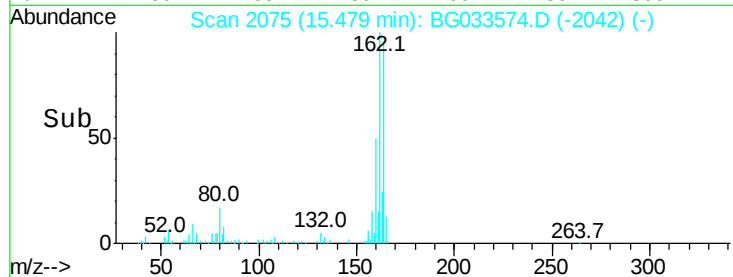
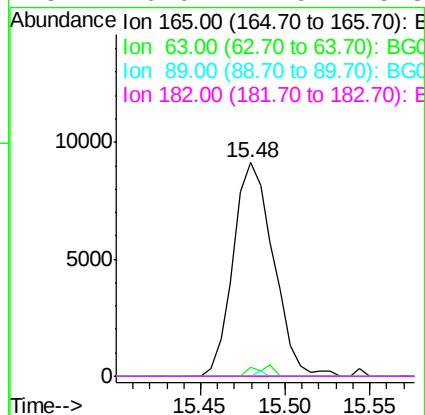
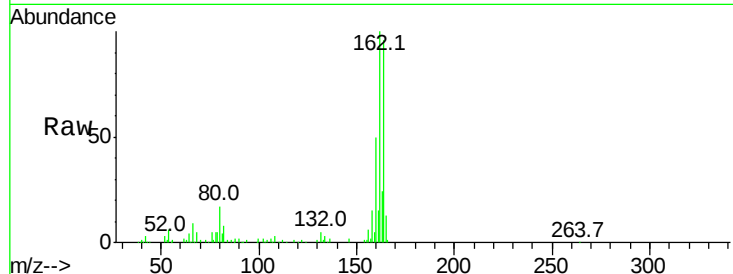
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#





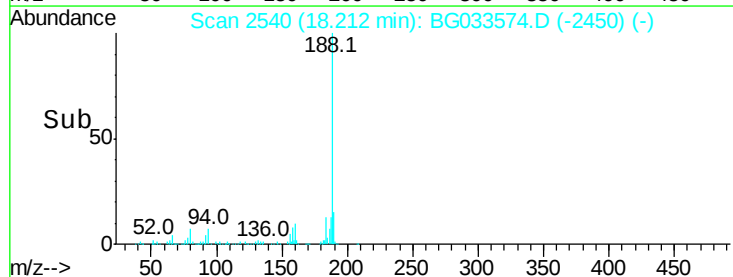
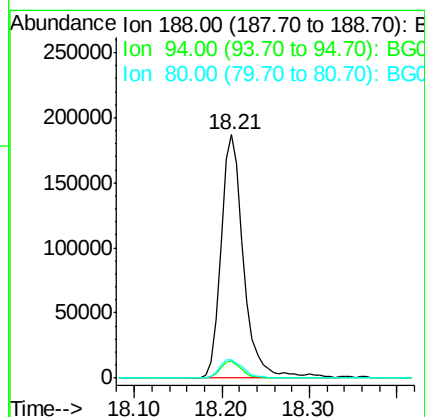
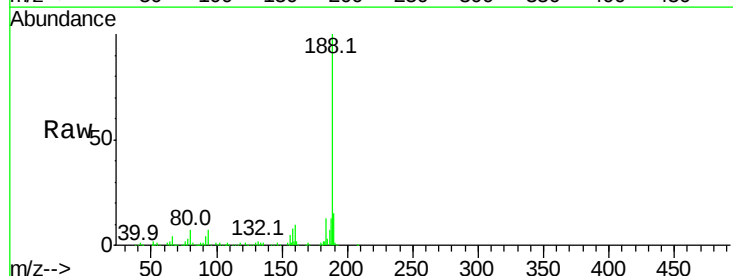
#56
2,4-Dinitrotoluene
Concen: 4.872 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033574.D
Acq: 5 Apr 2018 1:19

Tot Ion	Ratio	Lower	Upper
165	100		
63	4.4	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# 2540
Delta R.T. -0.00 min
Lab File: BG033574.D
Acq: 5 Apr 2018 1:19

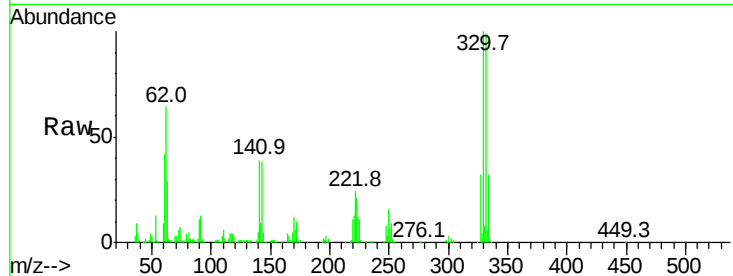
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.4	7.7	11.5#



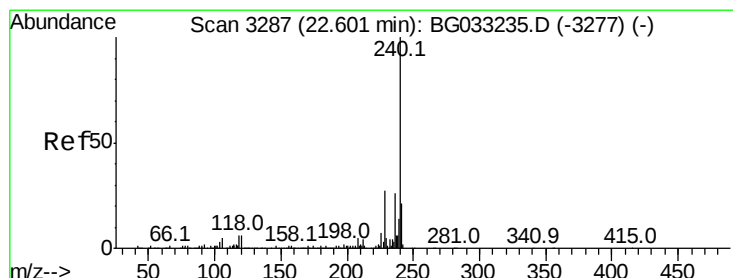
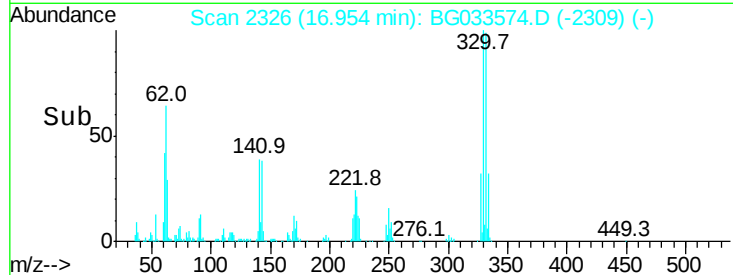
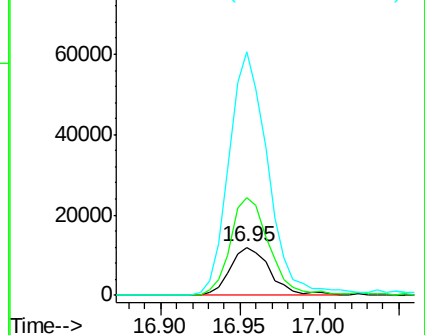


#66
 4-Bromophenyl-phenylether
 Concen: 5.302 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

Tot Ion:248 Resp: 20759
 Ion Ratio Lower Upper
 248 100
 250 202.6 77.1 115.7#
 141 505.4 50.8 76.2#

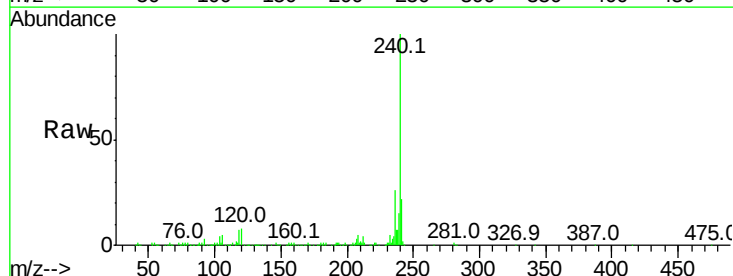


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

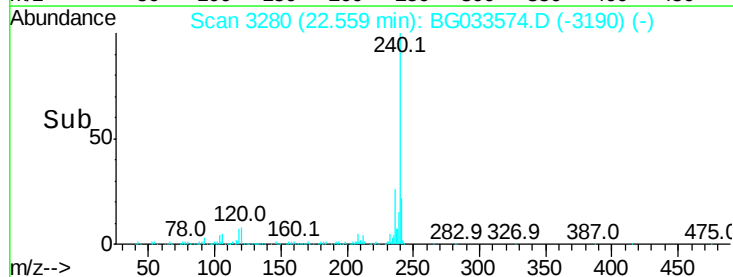
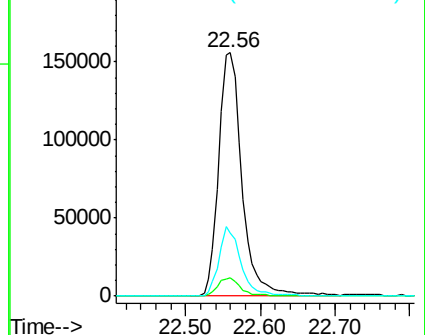


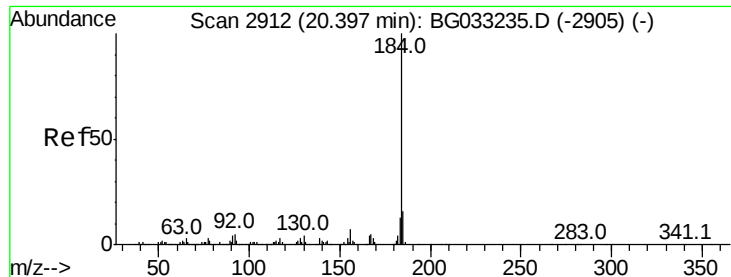
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG033574.D
 Acq: 5 Apr 2018 1:19

Tgt Ion:240 Resp: 341097
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.8 10.2
 236 26.0 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: 3.180 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

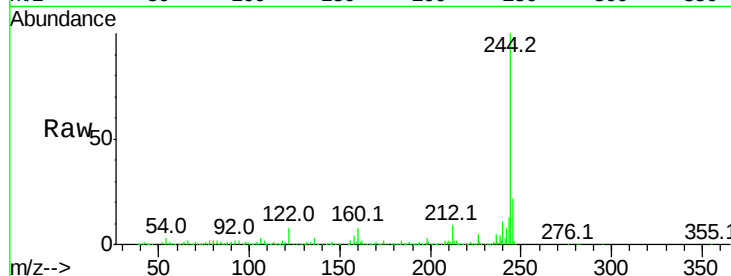
Tot Ion:184 Resp: 29419

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

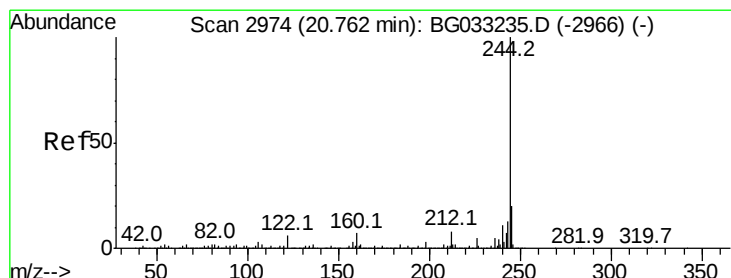
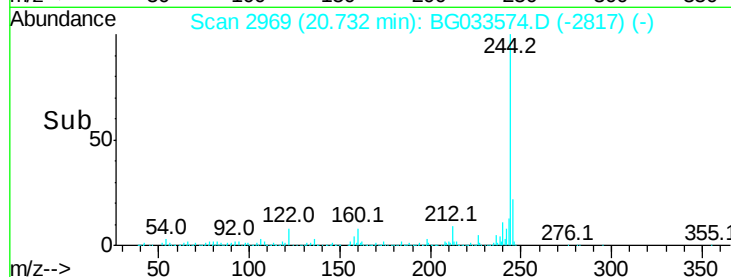
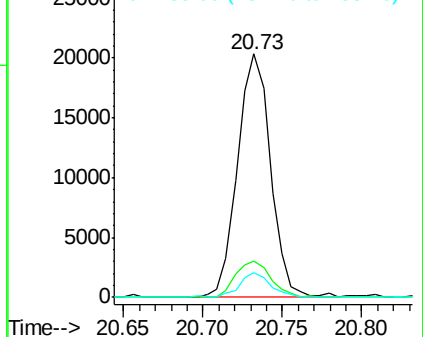
183 10.4 10.6 16.0#



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: 105.090 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033574.D

Acq: 5 Apr 2018 1:19

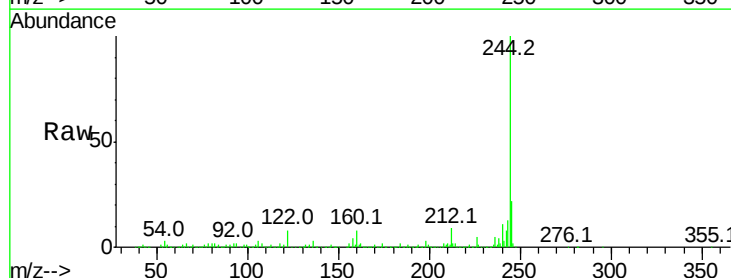
Tgt Ion:244 Resp: 1676139

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

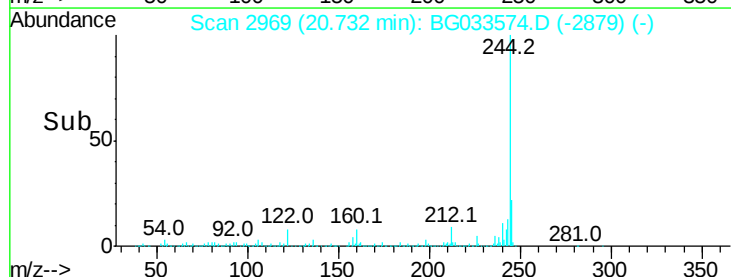
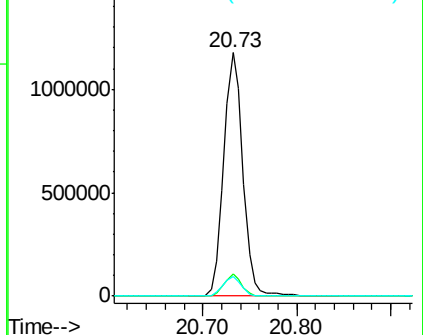
122 7.8 7.0 10.4



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: BG033574.D
Acq: 5 Apr 2018 1:19

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.6	17.7	26.5

