

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033570.D
 Acq On : 4 Apr 2018 21:29
 Operator : SJ/JU
 Sample : PB107912BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

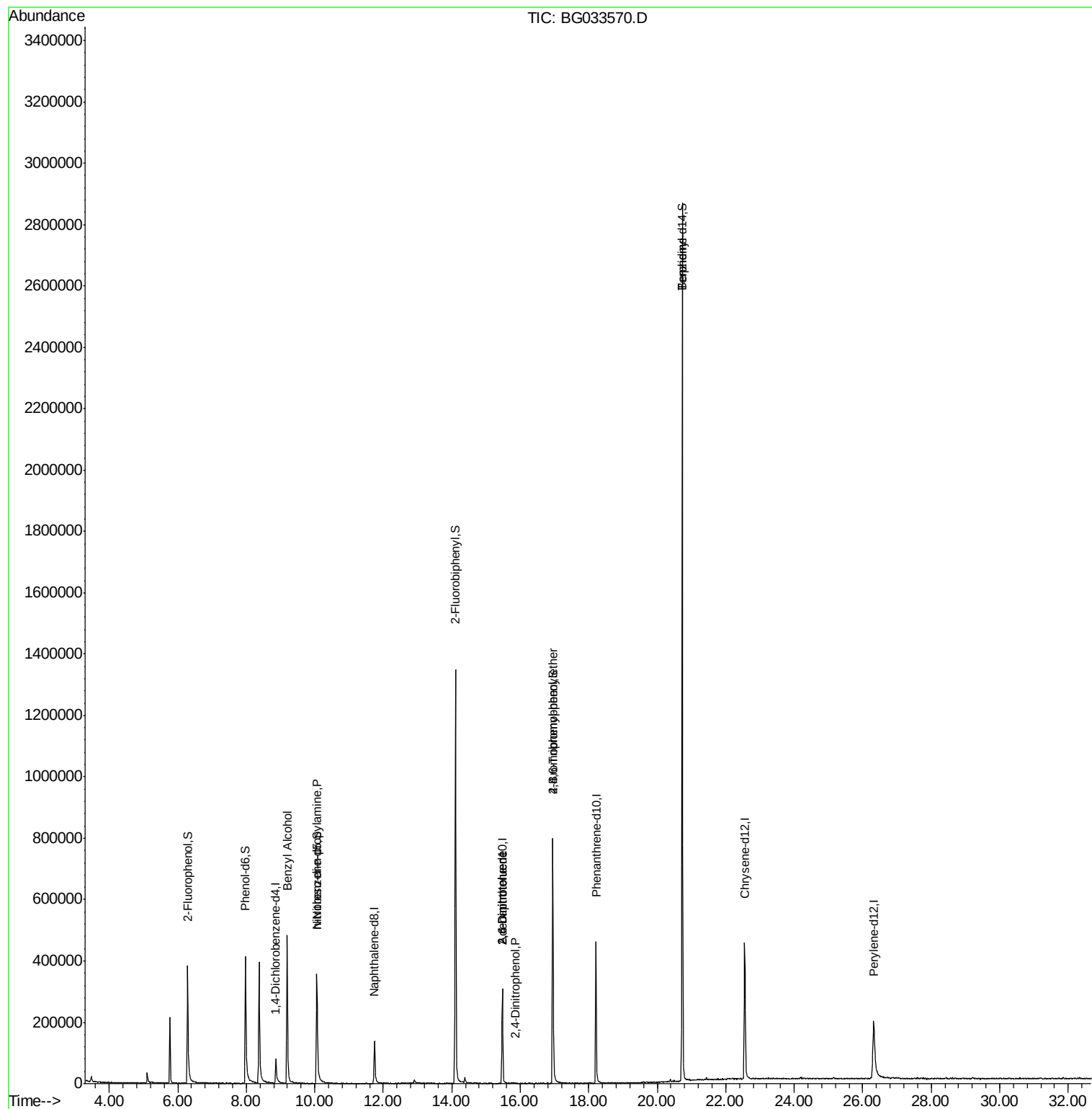
Quant Time: Apr 05 03:26:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

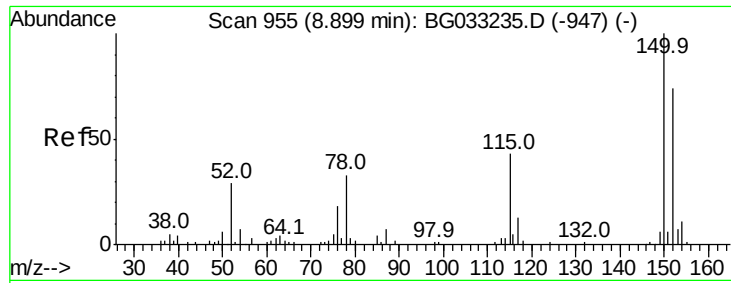
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30537	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	146998	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118530	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339073	20.00	ng	0.00
75) Chrysene-d12	22.56	240	345580	20.00	ng	0.00
86) Perylene-d12	26.32	264	323644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	200218	122.94	ng	0.00
7) Phenol-d6	7.98	99	324556	115.99	ng	0.00
23) Nitrobenzene-d5	10.06	82	299178	93.51	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	166896	94.15	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	767143	93.43	ng	0.00
78) Terphenyl-d14	20.73	244	1452218	89.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4721	2.143	ng	# 48
19) n-Nitroso-di-n-propylamine	10.06	70	40970	19.982	ng	# 79
50) 2,6-Dinitrotoluene	15.48	165	14841	7.036	ng	# 20
53) 2,4-Dinitrophenol	15.84	184	59	7.692	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14841	4.779	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	13176	3.309	ng	# 1
76) Benizidine	20.73	184	25104	2.679	ng	# 88

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033570.D
Acq On : 4 Apr 2018 21:29
Operator : SJ/JU
Sample : PB107912BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 05 03:26:33 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

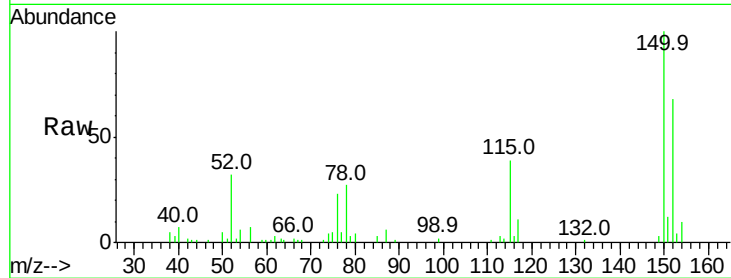




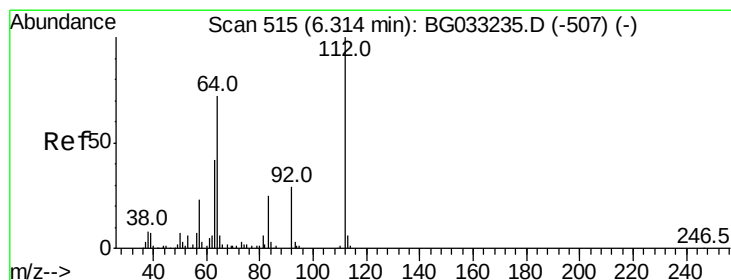
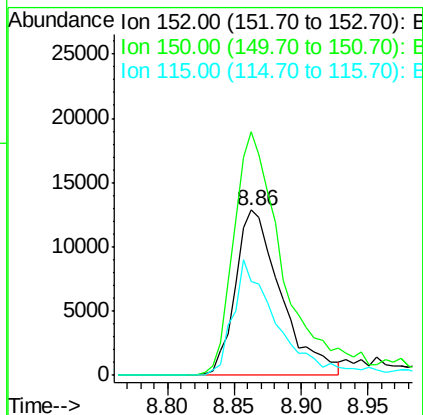
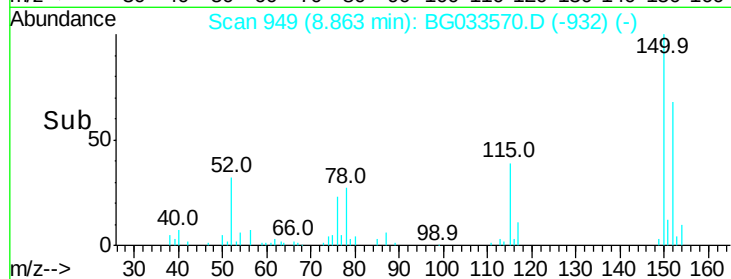
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

Tot Ion:152 Resp: 30537
Ion Ratio Lower Upper
152 100
150 147.6 126.6 189.8
115 56.8 53.0 79.4



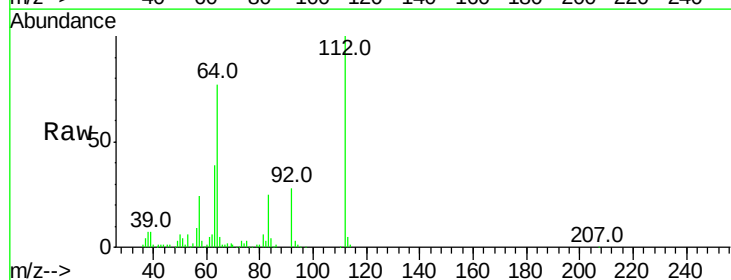
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



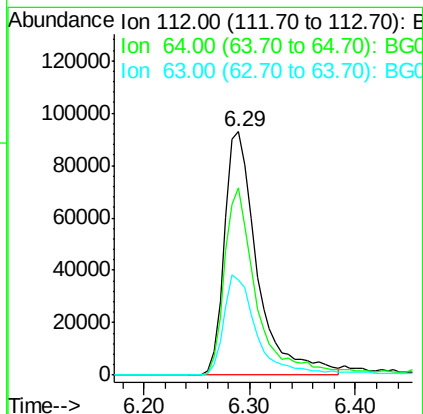
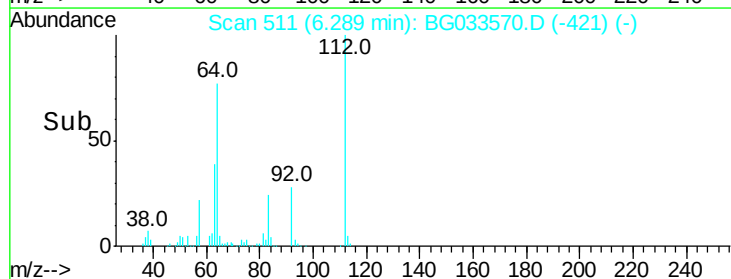
#5

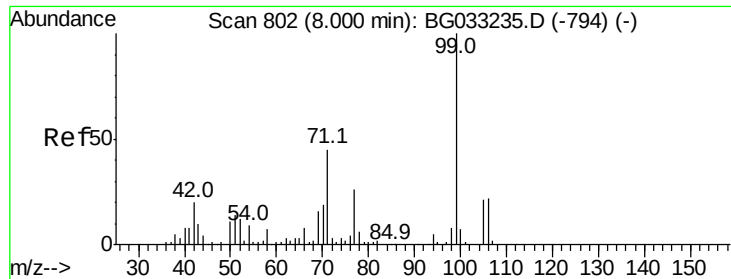
2-Fluorophenol
Concen: 122.944 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

Tgt Ion:112 Resp: 200218
Ion Ratio Lower Upper
112 100
64 77.2 56.3 84.5
63 39.1 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: 115.989 ng

RT: 7.98 min Scan# 798

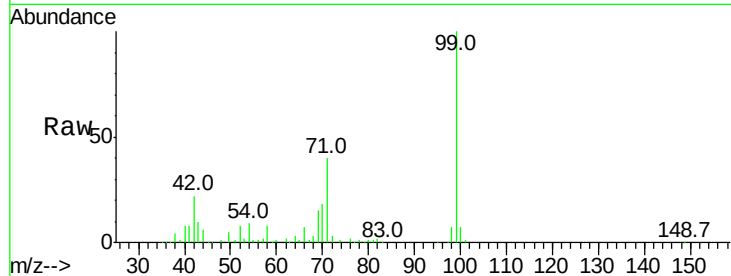
Delta R.T. -0.00 min

Lab File: BG033570.D

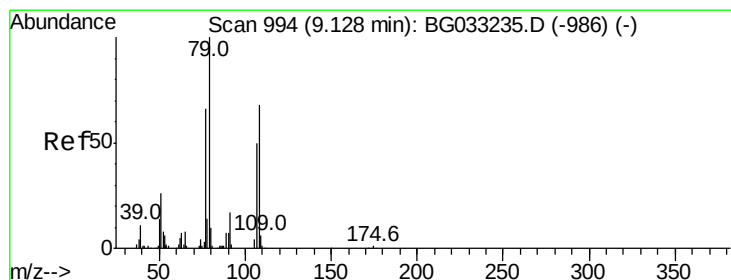
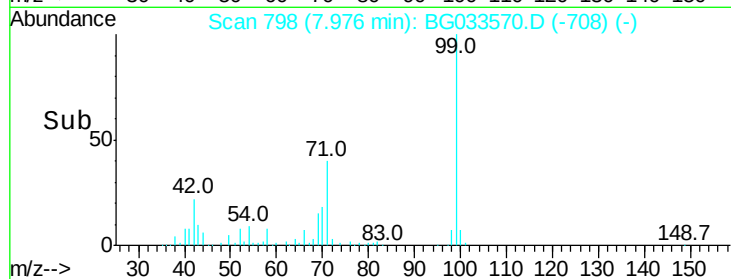
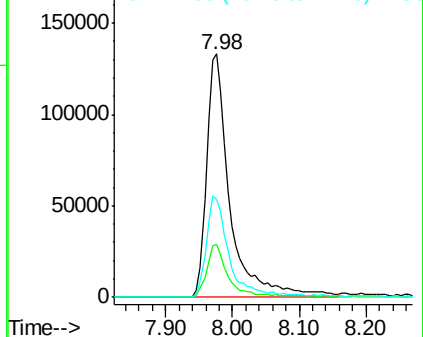
Acq: 4 Apr 2018 21:29

Tot Ion: 99 Resp: 324556

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.1	21.1#
71	40.2	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: 2.143 ng

RT: 9.20 min Scan# 1006

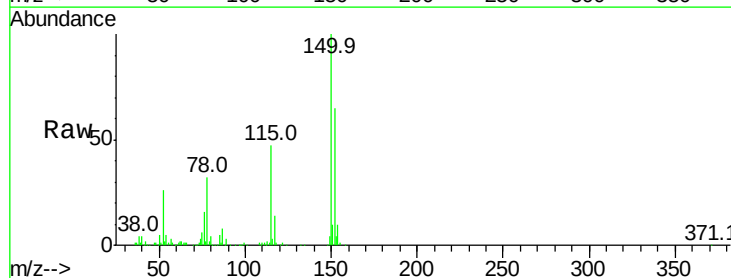
Delta R.T. 0.10 min

Lab File: BG033570.D

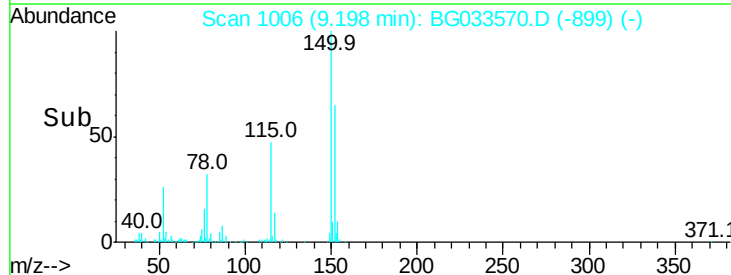
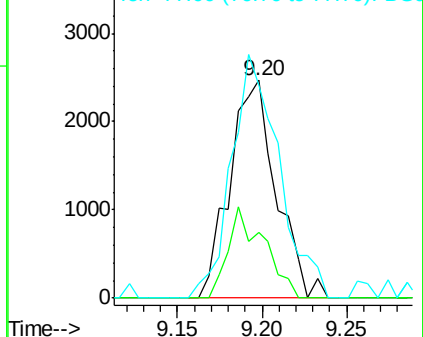
Acq: 4 Apr 2018 21:29

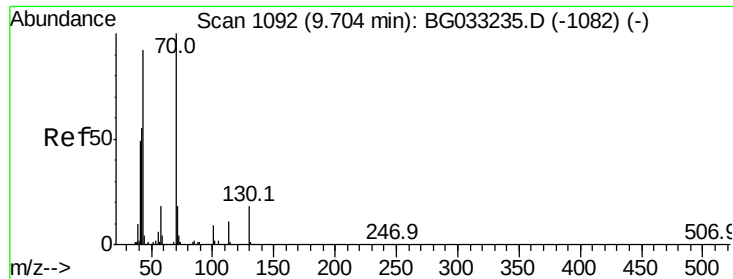
Tgt Ion: 79 Resp: 4721

Ion	Ratio	Lower	Upper
79	100		
108	30.1	57.2	85.8#
77	98.1	46.1	69.1#



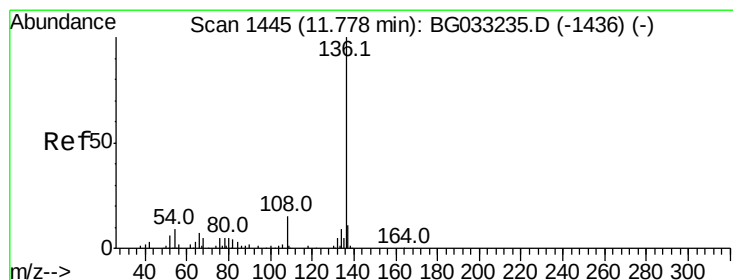
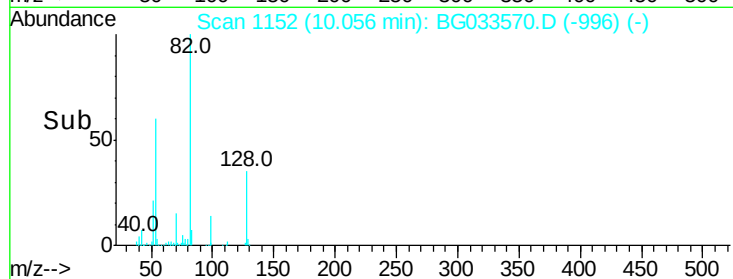
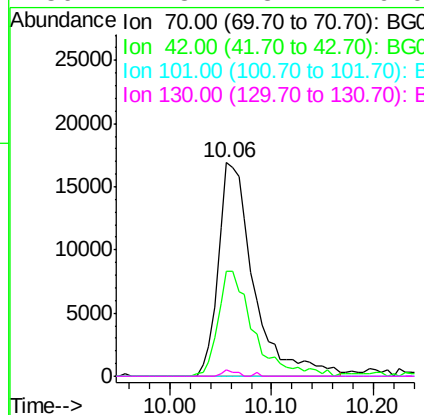
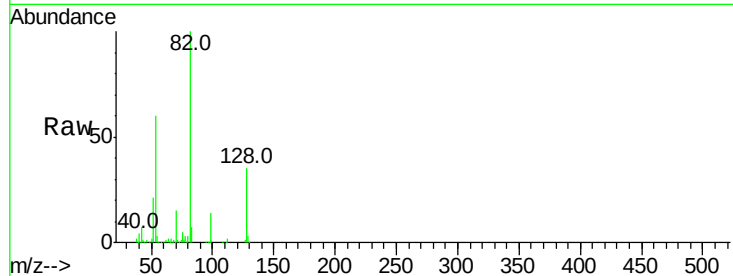
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





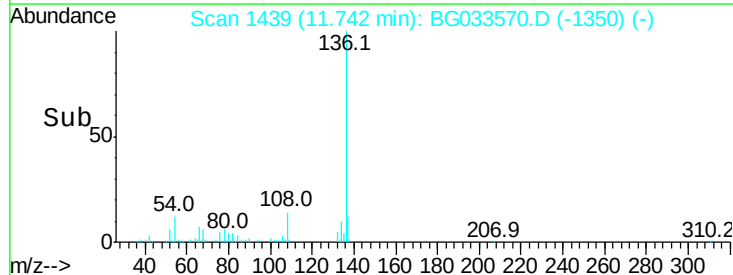
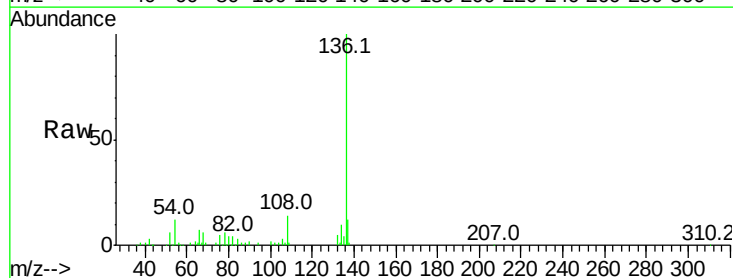
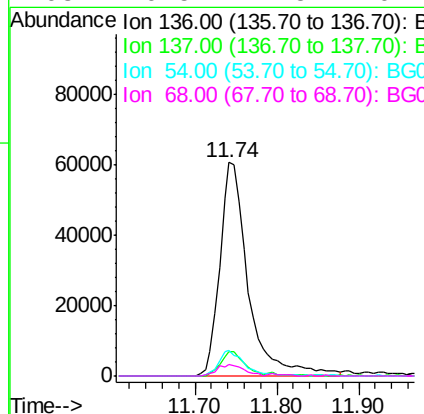
#19
n-Nitroso-di-n-propylamine
Concen: 19.982 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.38 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

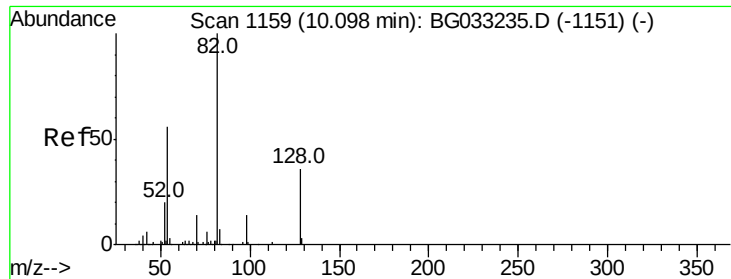
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.8	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

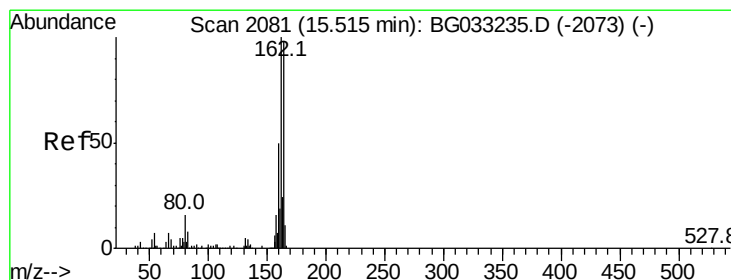
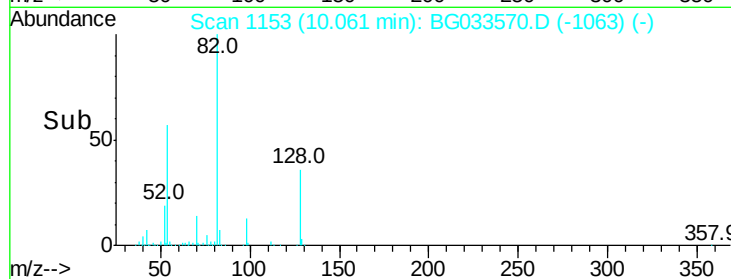
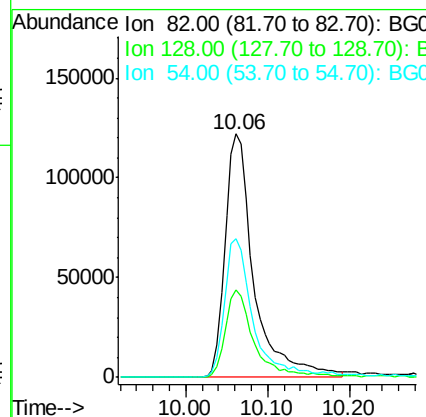
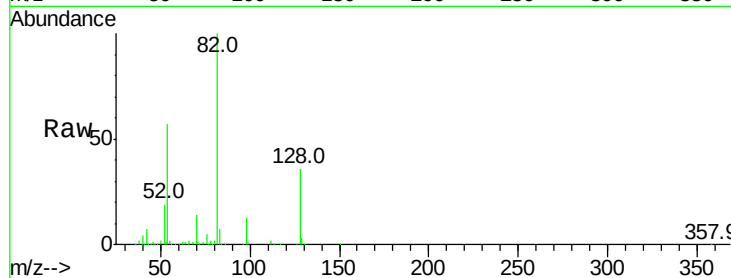
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	12.0	10.3	15.5
68	6.5	4.5	6.7





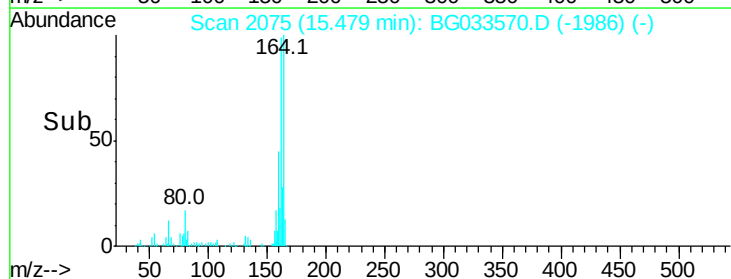
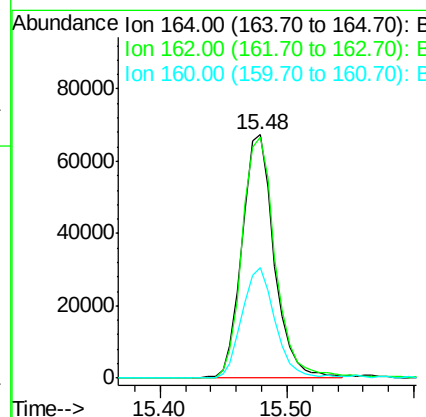
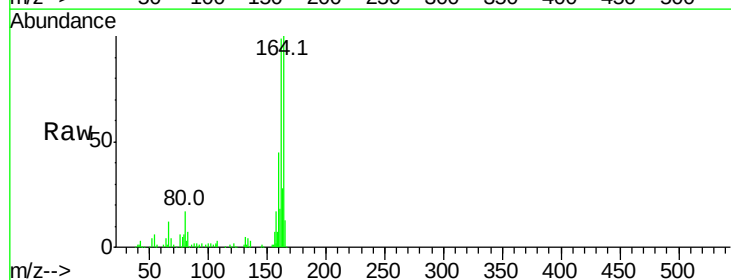
#23
 Nitrobenzene-d5
 Concen: 93.508 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033570.D
 Acq: 4 Apr 2018 21:29

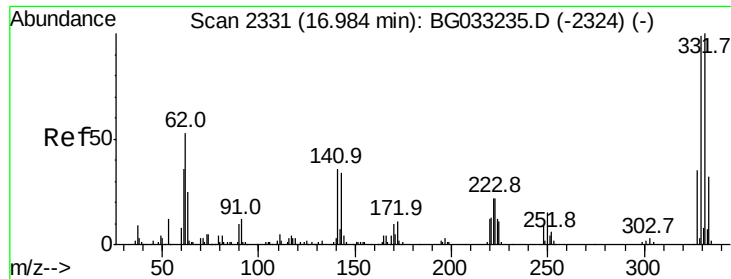
Tot Ion	82	Resp	299178
Ion Ratio	100	Lower	Upper
128	36.2	29.7	44.5
54	56.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033570.D
 Acq: 4 Apr 2018 21:29

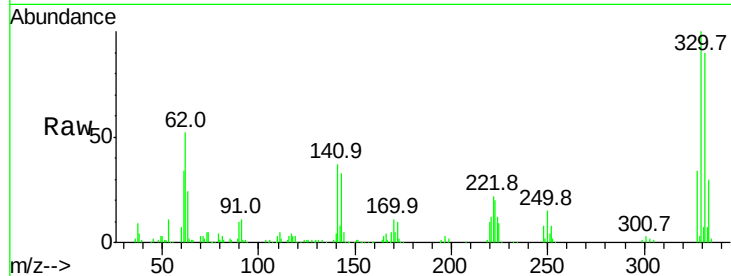
Tgt Ion	164	Resp	118530
Ion Ratio	100	Lower	Upper
162	98.9	78.8	118.2
160	45.2	35.4	53.0



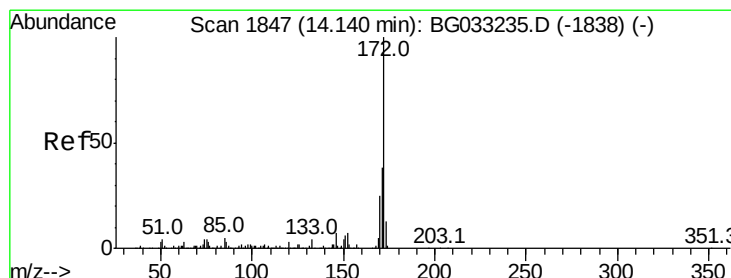
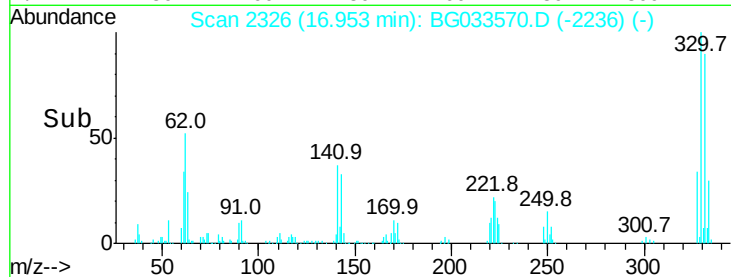
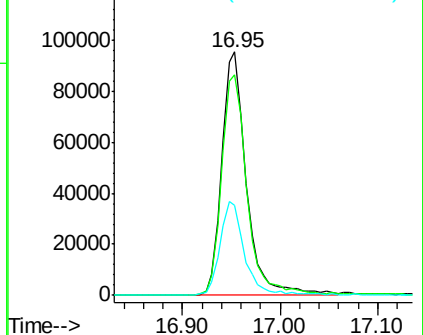


#41
 2,4,6-Tribromophenol
 Concen: 94.145 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033570.D
 Acq: 4 Apr 2018 21:29

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	38.2	25.2	37.8#

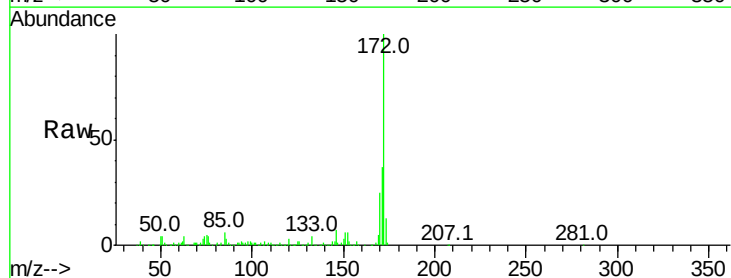


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

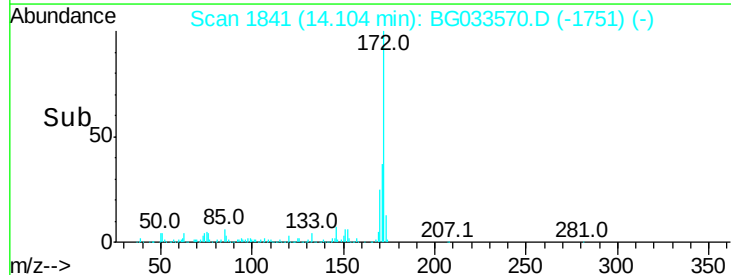
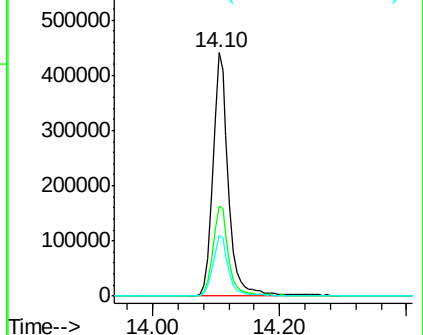


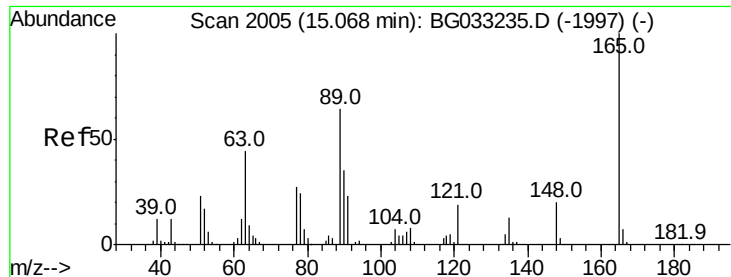
#44
 2-Fluorobiphenyl
 Concen: 93.434 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033570.D
 Acq: 4 Apr 2018 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	25.0	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: 7.036 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.44 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

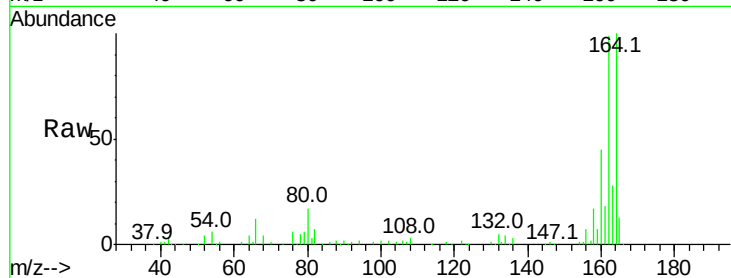
Tot Ion:165 Resp: 14841

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

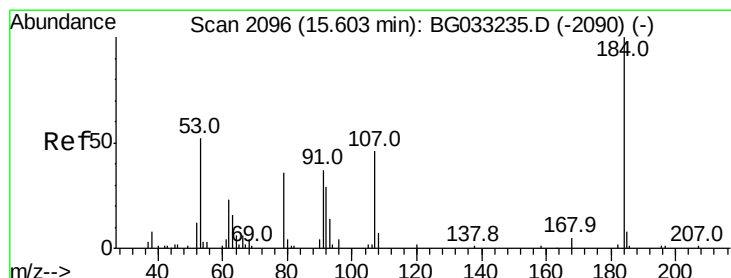
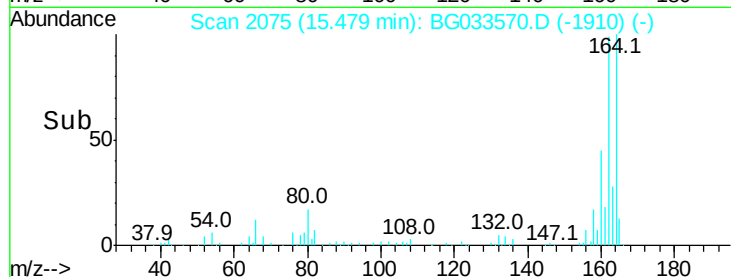
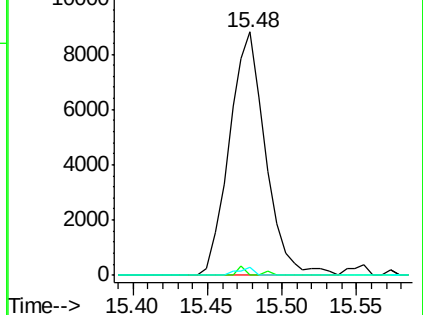
89 3.1 49.2 73.8#



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: 7.692 ng

RT: 15.84 min Scan# 2137

Delta R.T. 0.26 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

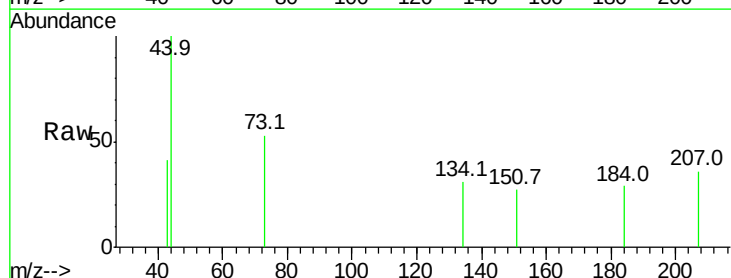
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

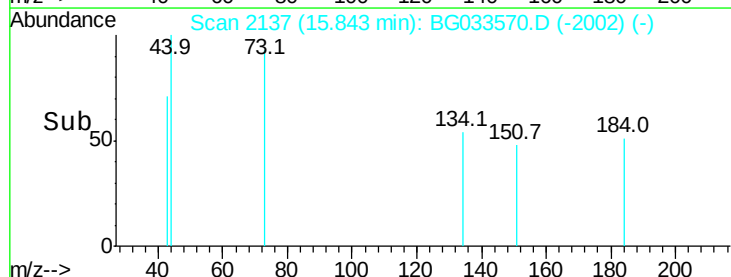
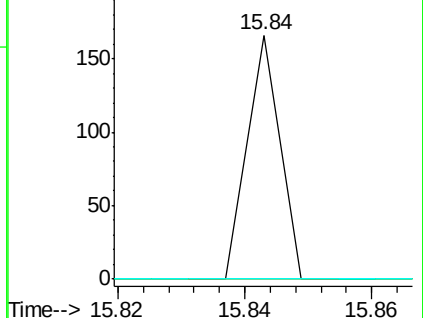
154 0.0 101.8 152.8#

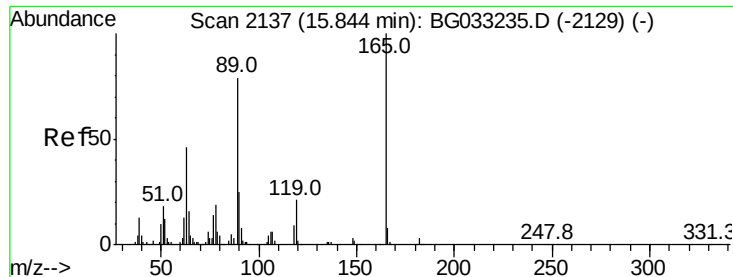


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

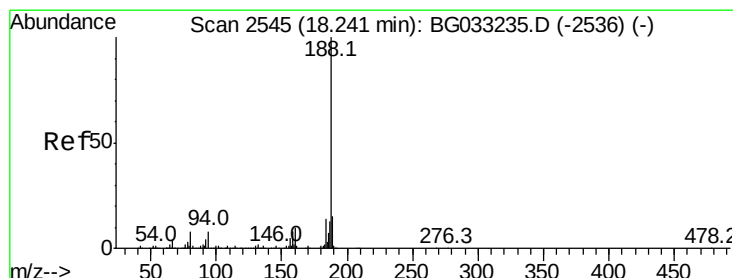
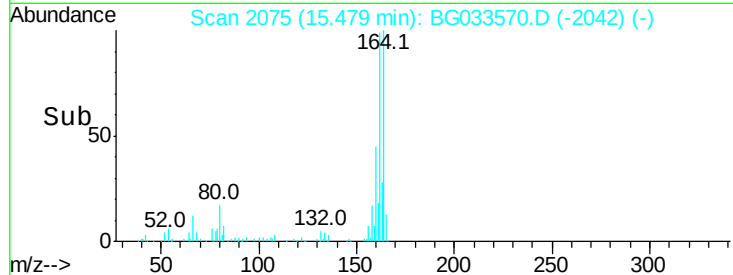
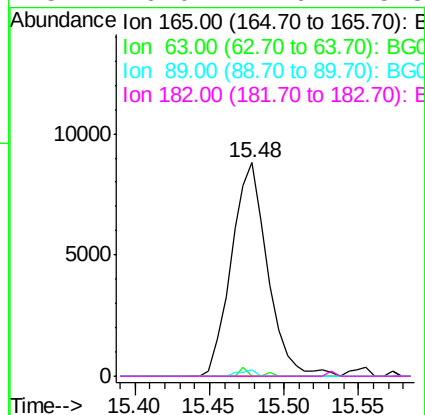
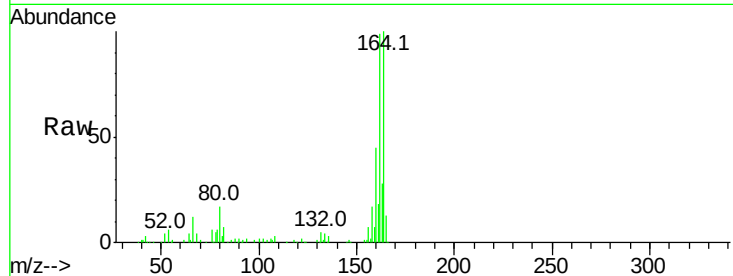
Ion 154.00 (153.70 to 154.70): E





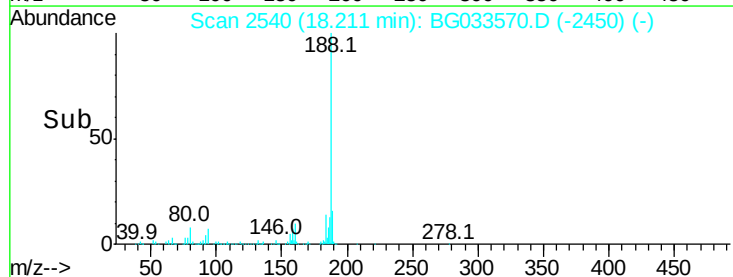
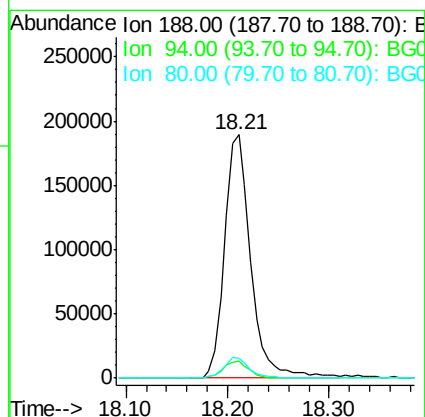
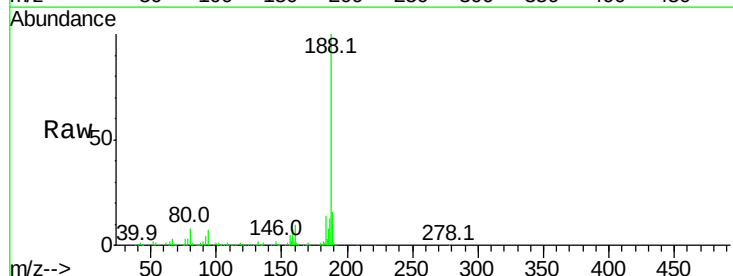
#56
2,4-Dinitrotoluene
Concen: 4.779 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

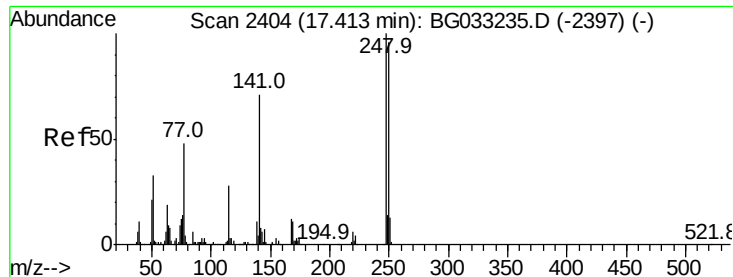
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.1	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

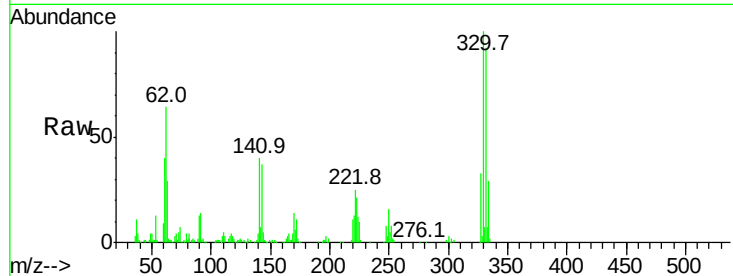
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.1	7.7	11.5



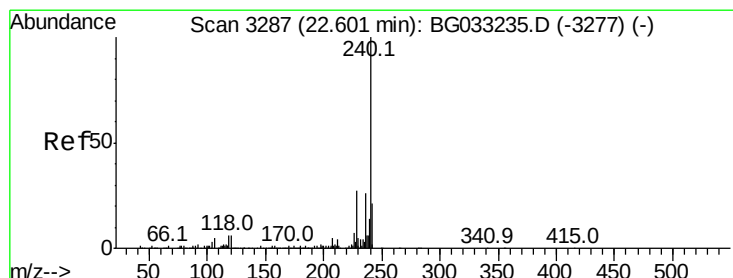
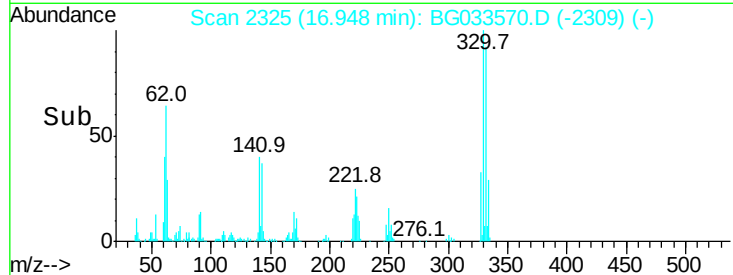
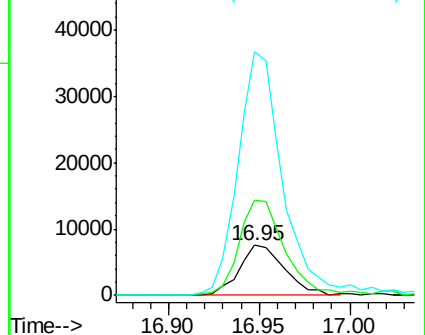


#66
4-Bromophenyl-phenylether
Concen: 3.309 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

Tot Ion:248 Resp: 13176
Ion Ratio Lower Upper
248 100
250 188.7 77.1 115.7#
141 485.7 50.8 76.2#

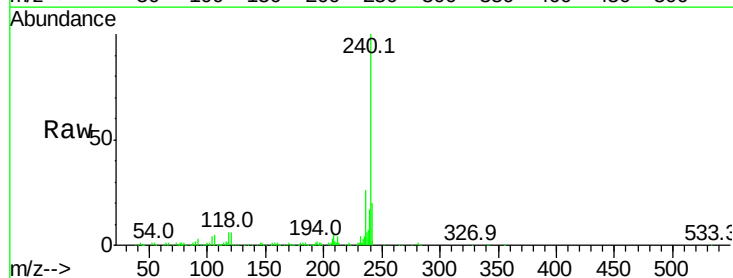


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

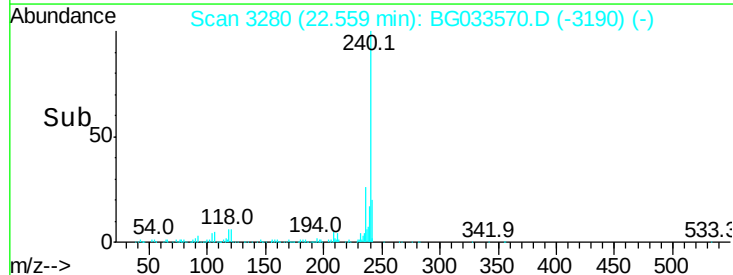
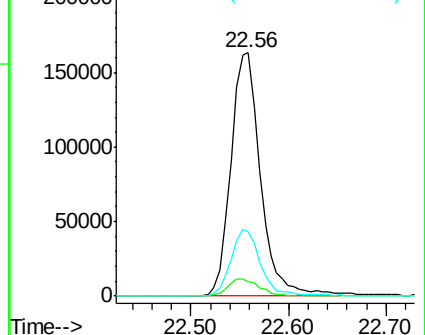


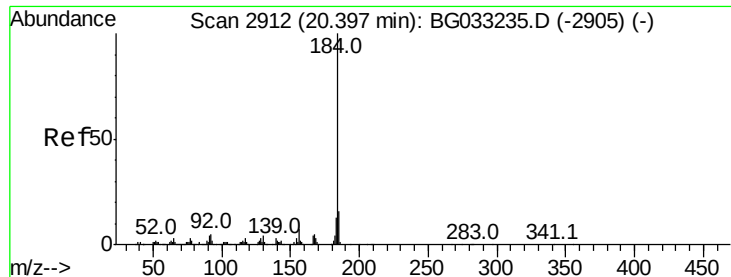
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

Tgt Ion:240 Resp: 345580
Ion Ratio Lower Upper
240 100
120 5.8 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: 2.679 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

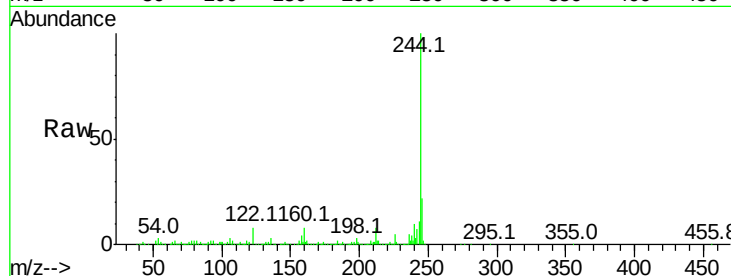
Tot Ion:184 Resp: 25104

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.1	16.7#
183	6.4	10.6	16.0#

184 100

185 16.8 11.1 16.7#

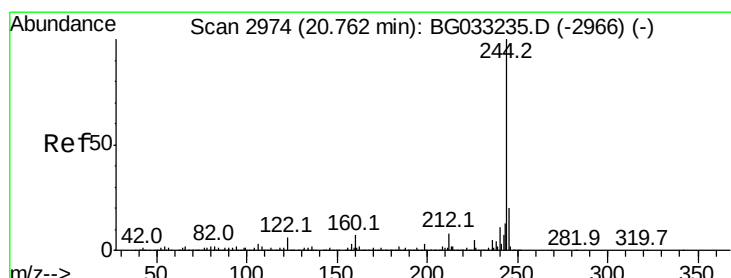
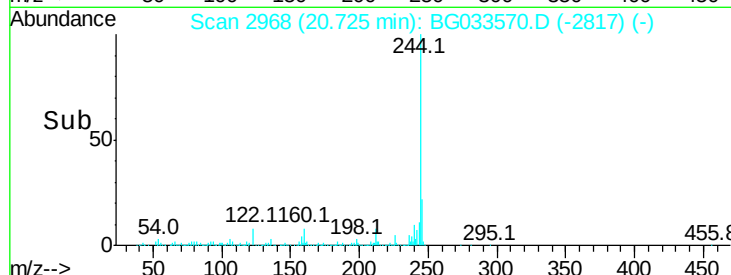
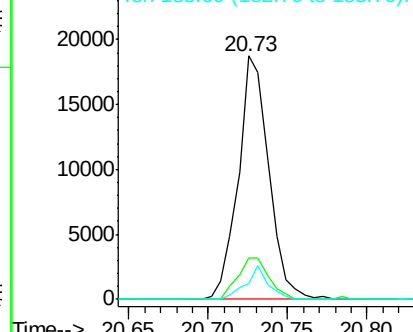
183 6.4 10.6 16.0#



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: 89.870 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033570.D

Acq: 4 Apr 2018 21:29

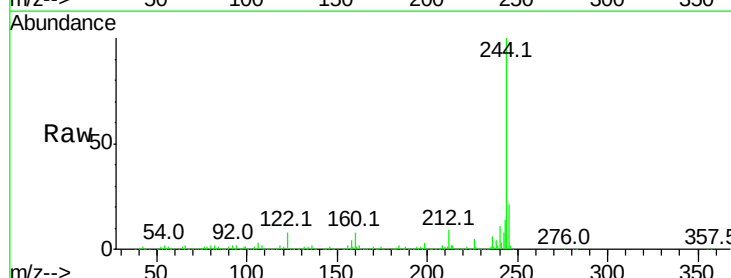
Tgt Ion:244 Resp: 1452218

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	7.5	7.0	10.4

244 100

212 9.2 5.8 8.8#

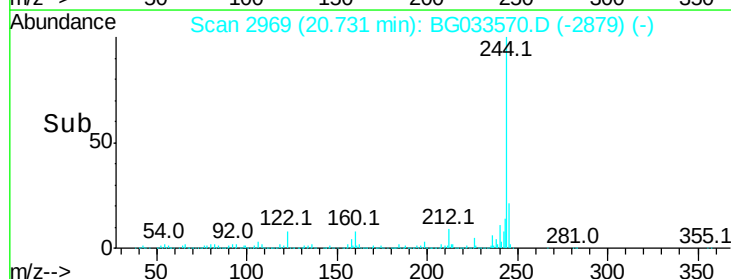
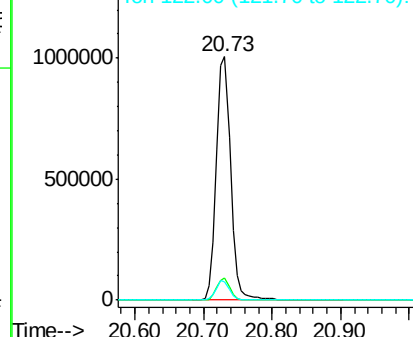
122 7.5 7.0 10.4

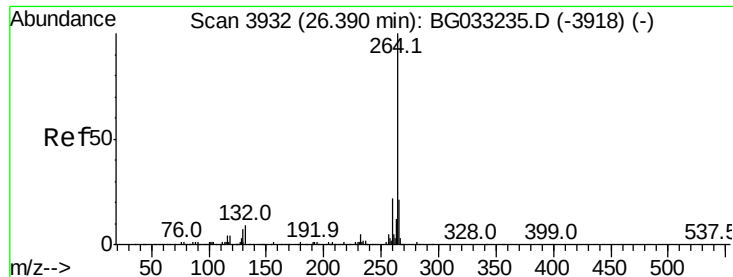


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3921
Delta R.T. 0.00 min
Lab File: BG033570.D
Acq: 4 Apr 2018 21:29

Tot	Ion:264	Resp:	323644
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.6	17.7	26.5

