

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033581.D
 Acq On : 5 Apr 2018 5:41
 Operator : SJ/JU
 Sample : J2185-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

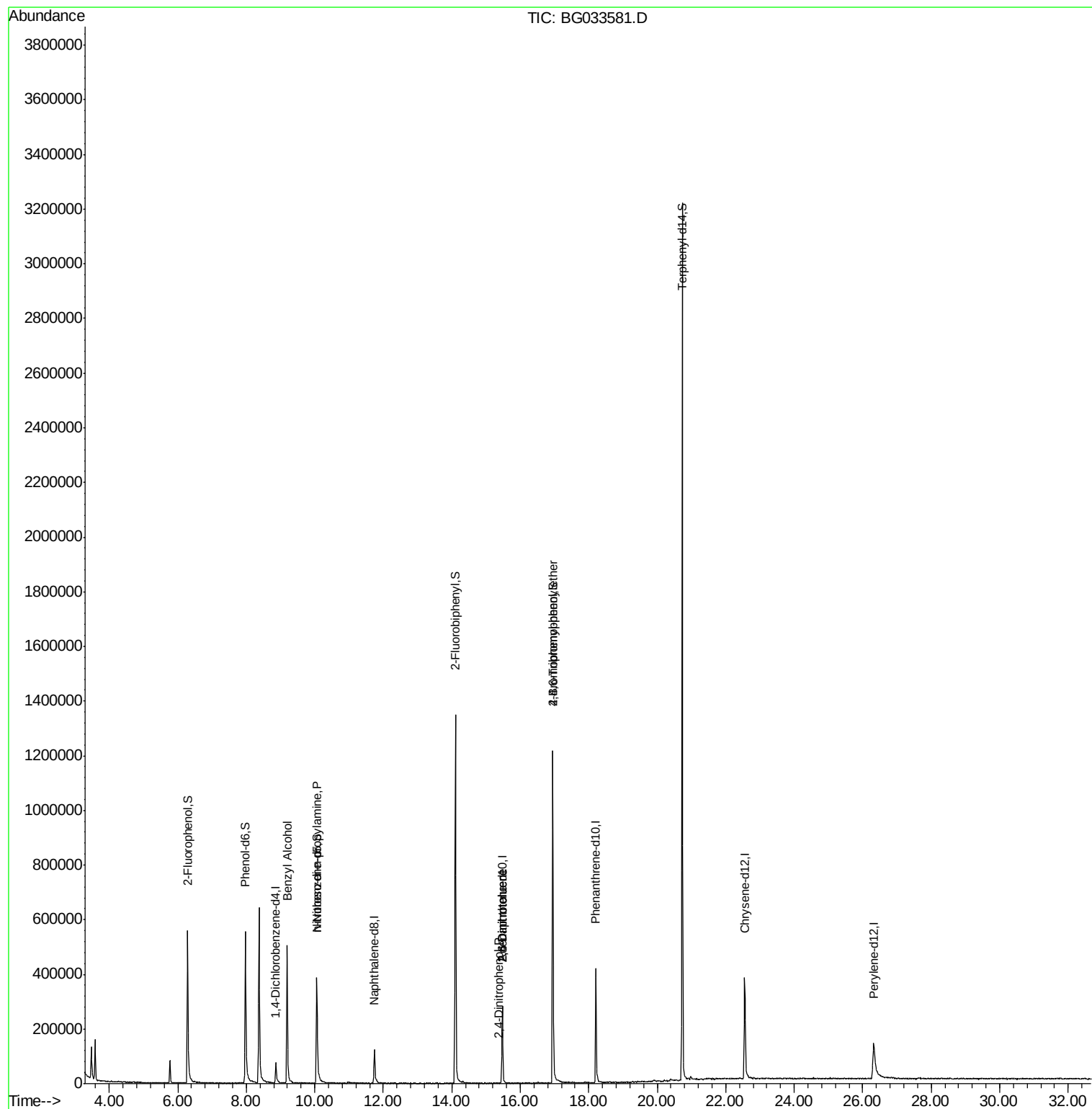
Quant Time: Apr 05 06:52:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

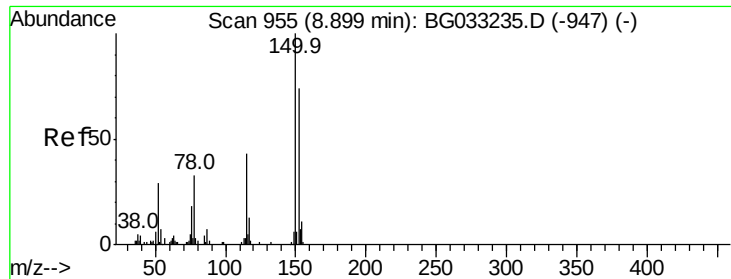
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27837	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	124629	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	106376	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	301097	20.00	ng	0.00
75) Chrysene-d12	22.55	240	301960	20.00	ng	0.00
86) Perylene-d12	26.32	264	254033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	271406	182.82	ng	0.00
7) Phenol-d6	7.97	99	396757	155.55	ng	0.00
23) Nitrobenzene-d5	10.06	82	316510	116.68	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	241082	151.53	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	787909	106.93	ng	0.00
78) Terphenyl-d14	20.73	244	1603060	113.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4847	2.413	ng	# 49
19) n-Nitroso-di-n-propylamine	10.06	70	42616	22.800	ng	# 80
50) 2,6-Dinitrotoluene	15.48	165	14205	7.504	ng	# 20
53) 2,4-Dinitrophenol	15.35	184	73	7.710	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14204	5.096	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	19869	5.619	ng	# 1

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

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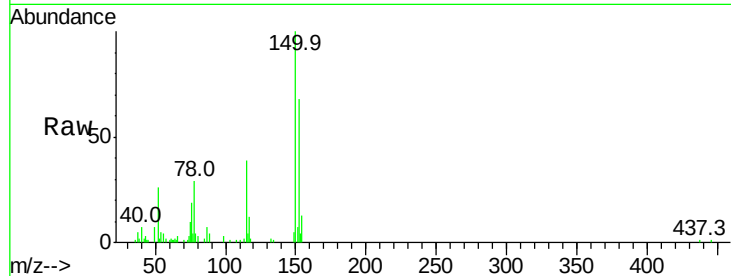




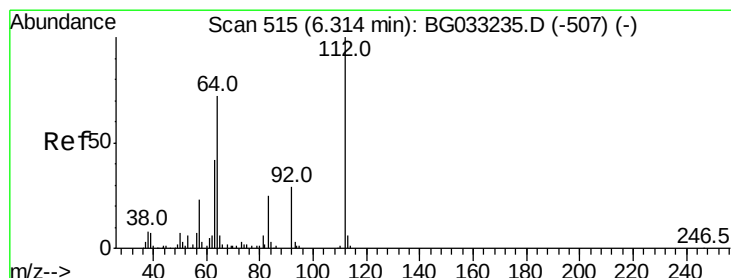
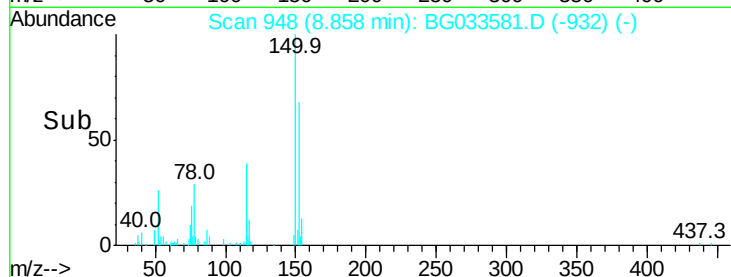
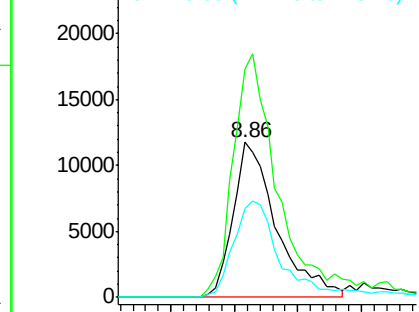
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	57.0	53.0	79.4



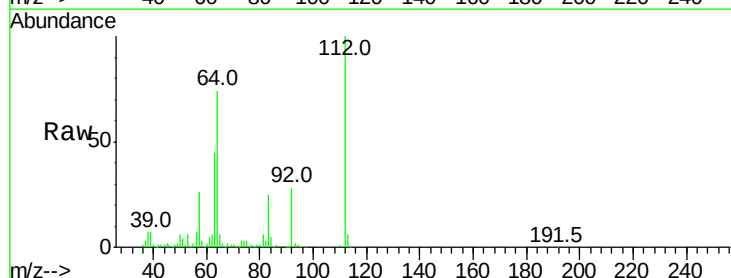
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



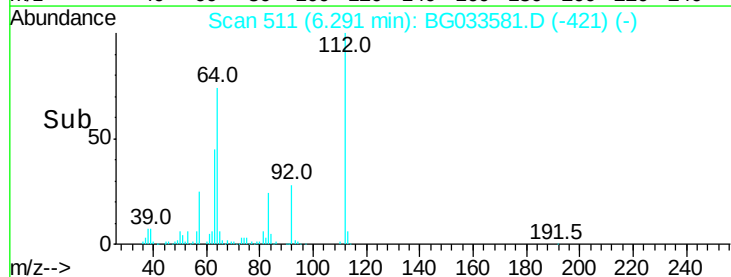
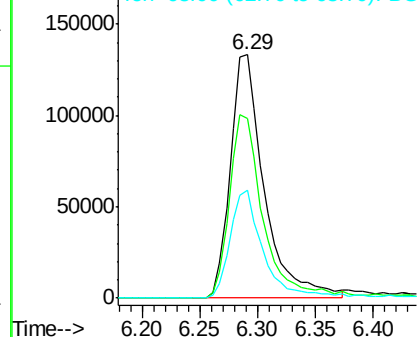
#5

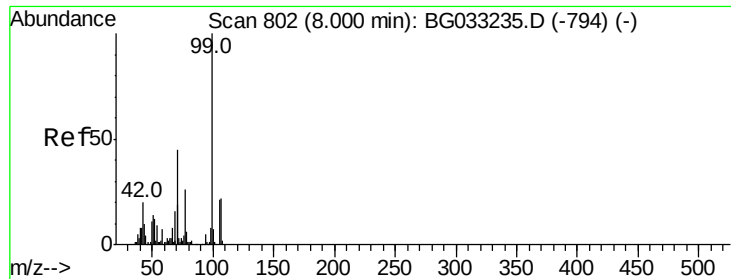
2-Fluorophenol
Concen: 182.821 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	56.3	84.5
63	44.5	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: 155.545 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033581.D

Acq: 5 Apr 2018 5:41

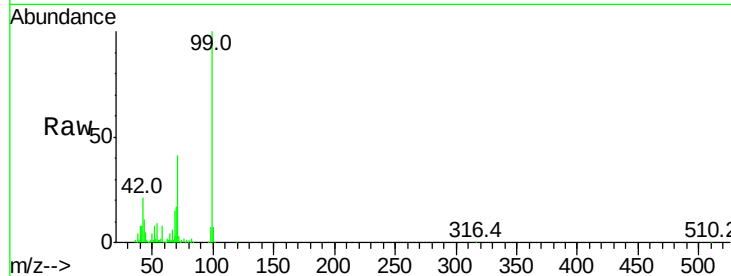
Tot Ion: 99 Resp: 396757

Ion Ratio Lower Upper

99 100

42 21.5 14.1 21.1#

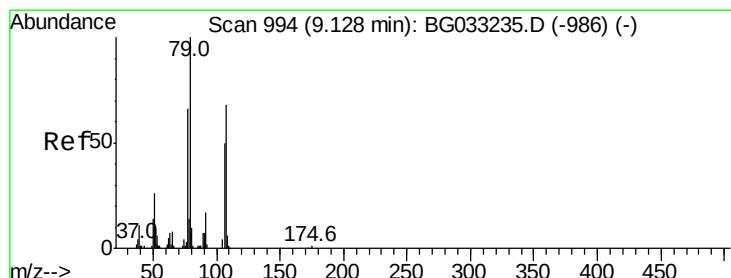
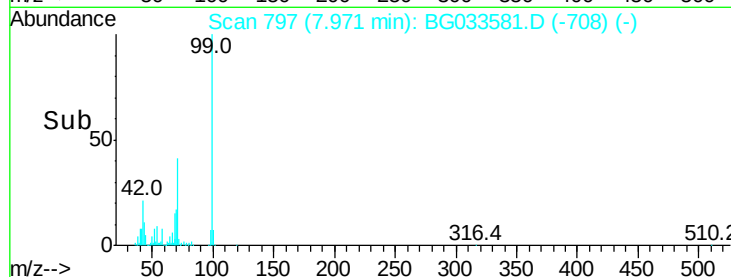
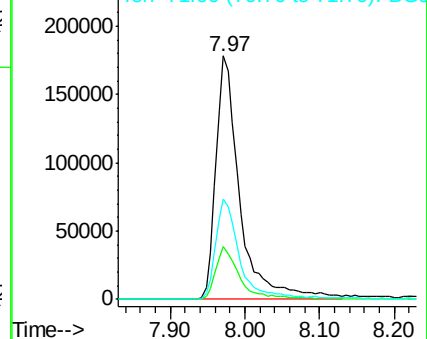
71 41.0 26.1 39.1#



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: 2.413 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033581.D

Acq: 5 Apr 2018 5:41

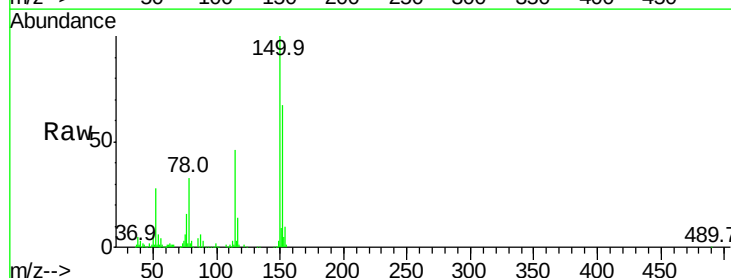
Tgt Ion: 79 Resp: 4847

Ion Ratio Lower Upper

79 100

108 25.6 57.2 85.8#

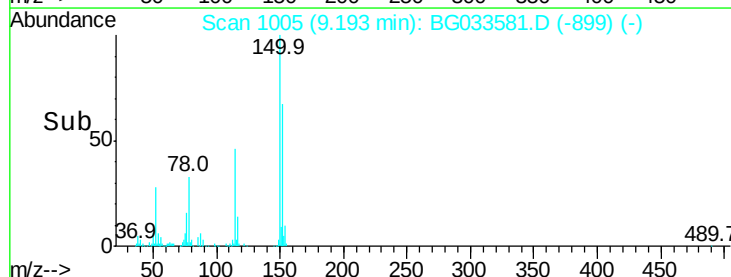
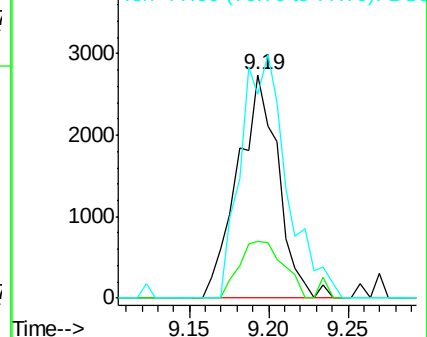
77 91.1 46.1 69.1#

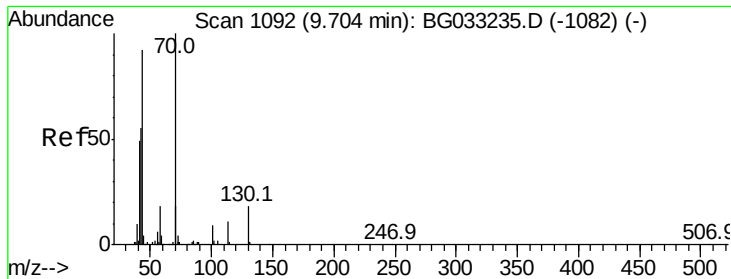


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

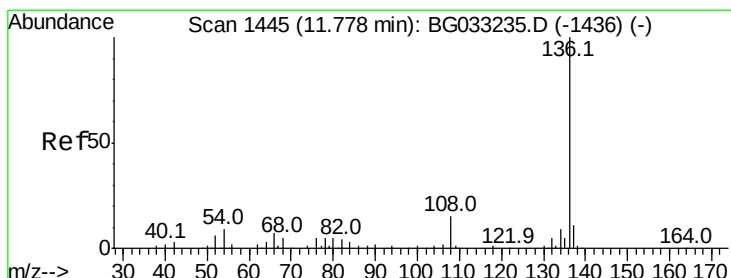
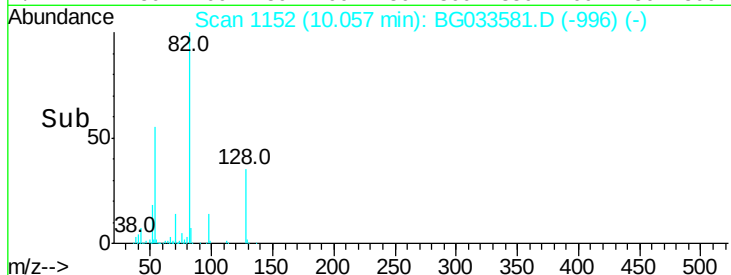
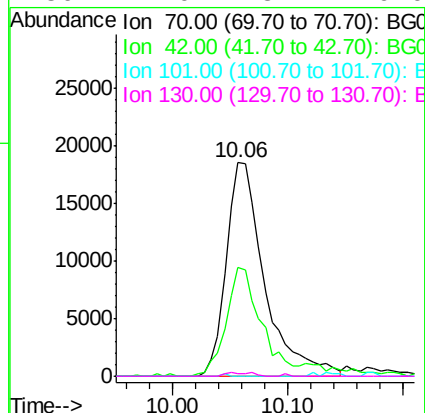
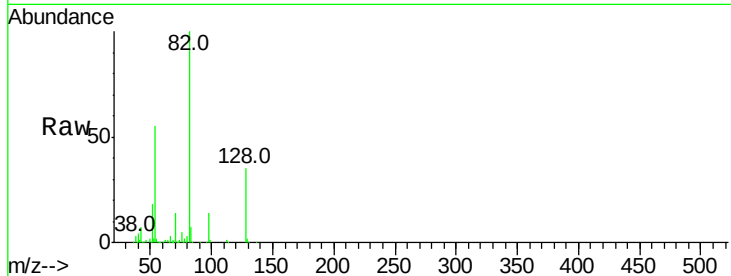
Ion 77.00 (76.70 to 77.70): BGC





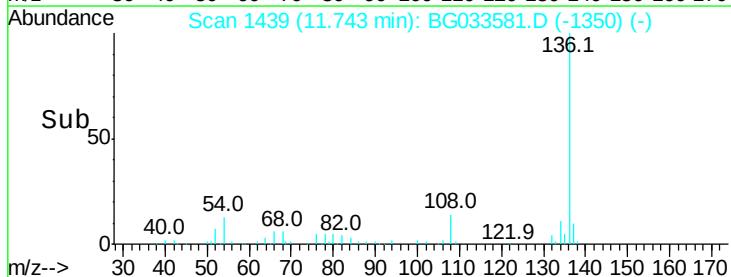
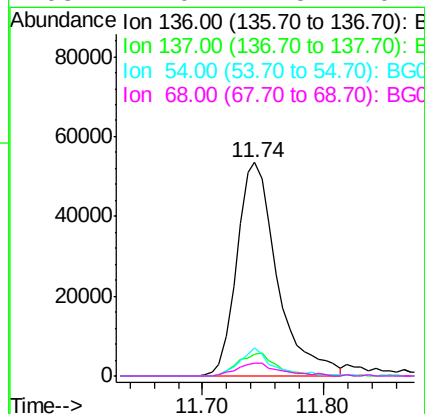
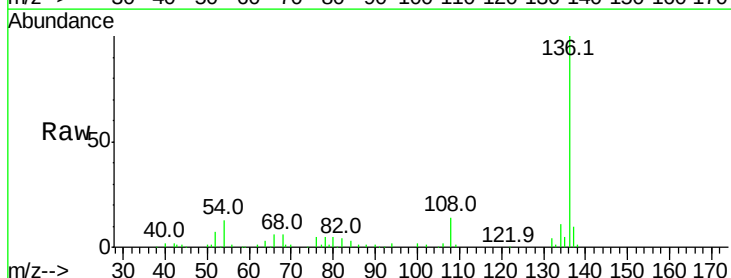
#19
n-Nitroso-di-n-propylamine
Concen: 22.800 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

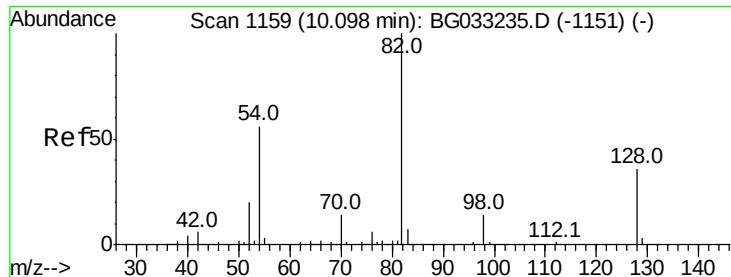
Tot Ion:	70	Resp:	42616
Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.1	73.7
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

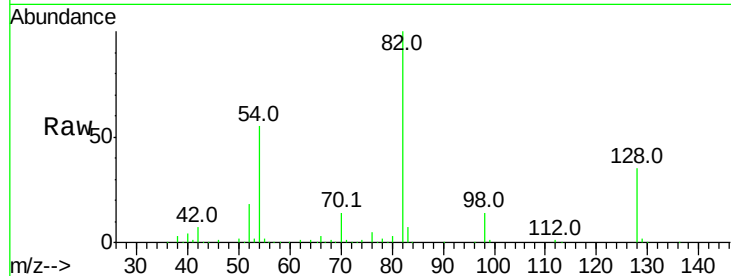
Tgt Ion:	136	Resp:	124629
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	13.4	10.3	15.5
68	7.0	4.5	6.7#



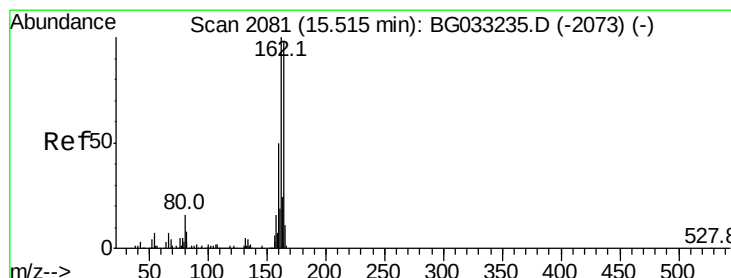
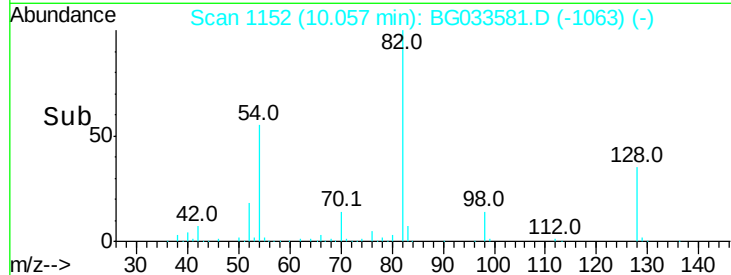
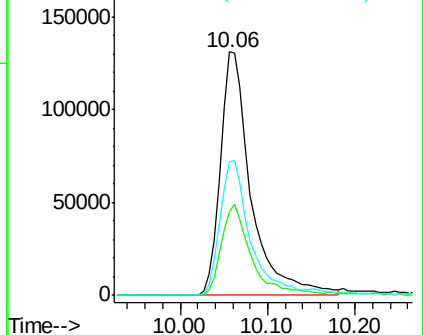


#23
 Nitrobenzene-d5
 Concen: 116.680 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Tot Ion	82	Resp	316510
Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	55.0	43.1	64.7

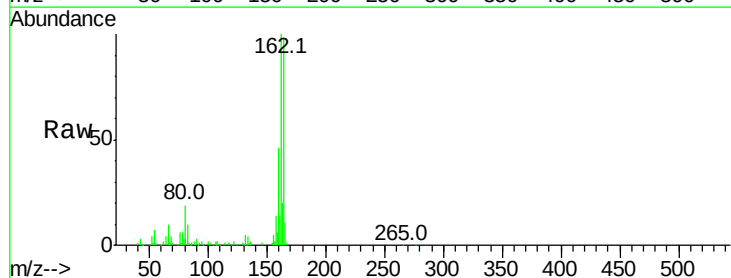


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

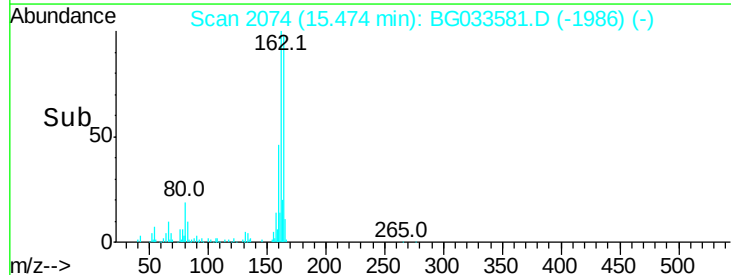
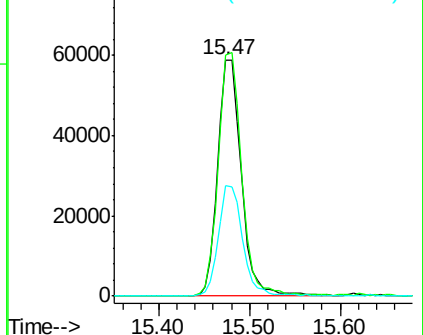


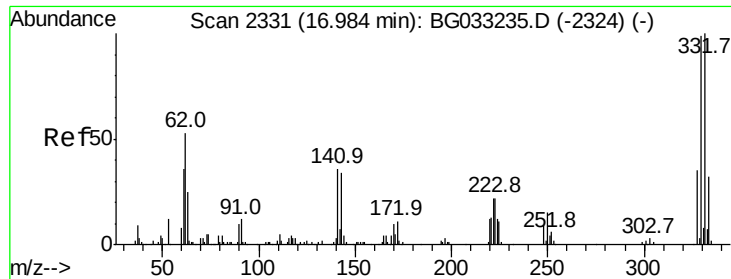
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Tgt Ion	164	Resp	106376
Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.8	118.2
160	46.9	35.4	53.0



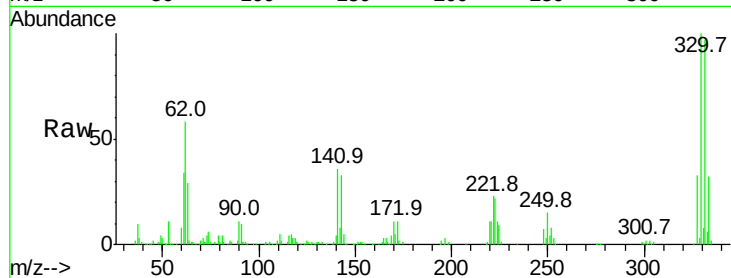
Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC



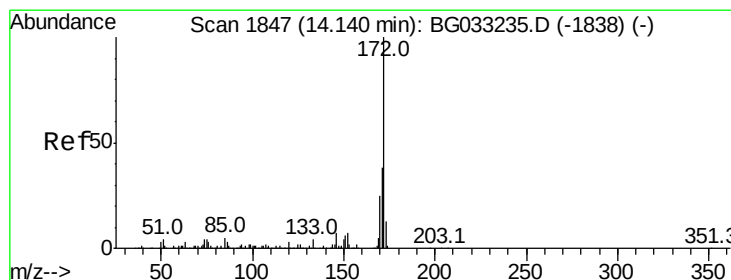
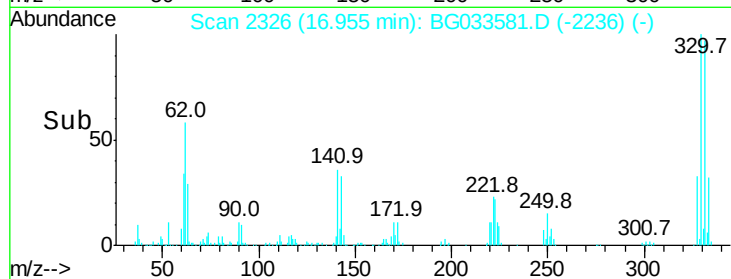
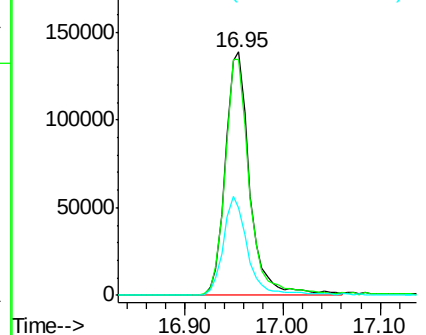


#41
 2,4,6-Tribromophenol
 Concen: 151.531 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	40.6	25.2	37.8#

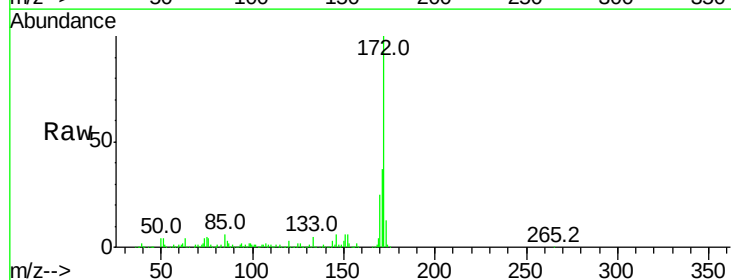


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

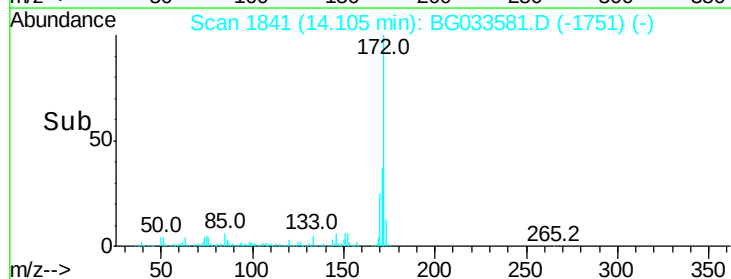
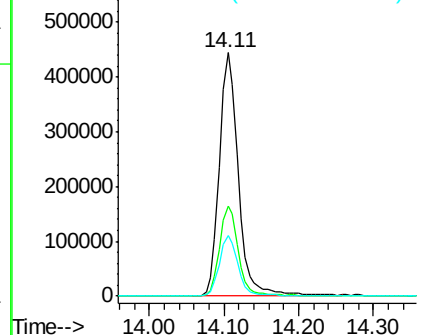


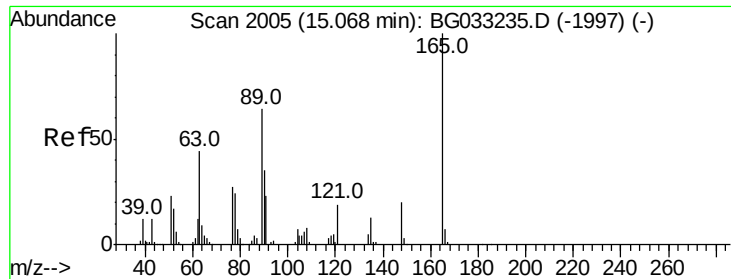
#44
 2-Fluorobiphenyl
 Concen: 106.928 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.9	19.5	29.3



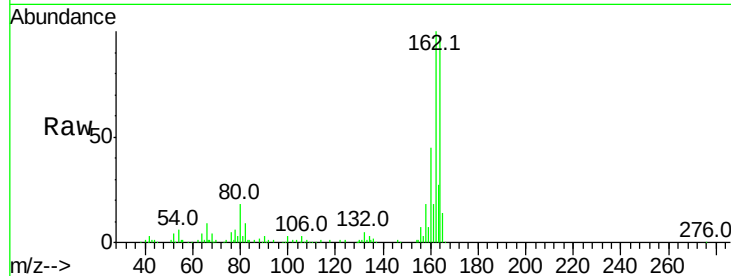
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50
 2,6-Dinitrotoluene
 Concen: 7.504 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

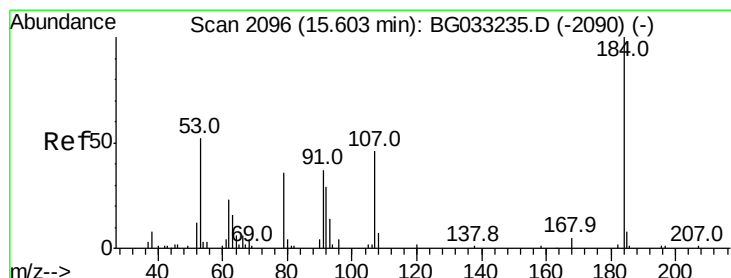
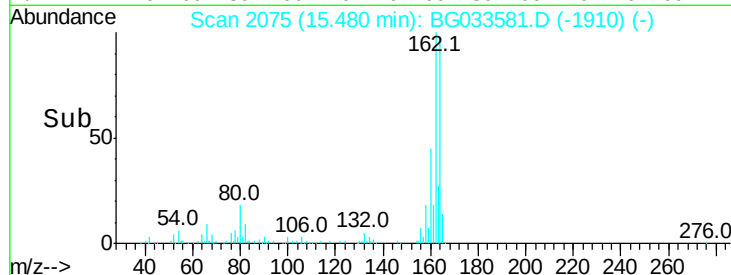
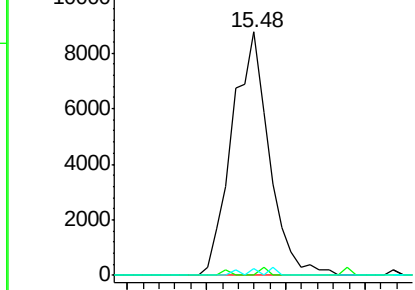
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.8	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

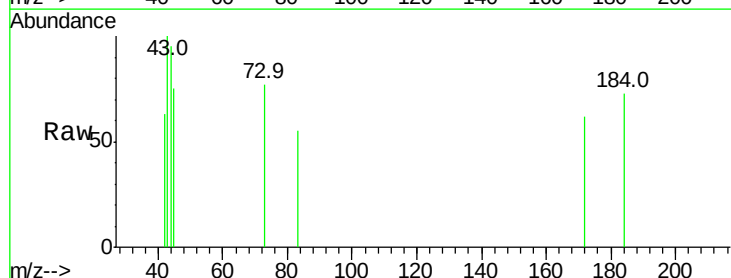
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#53
 2,4-Dinitrophenol
 Concen: 7.710 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.23 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

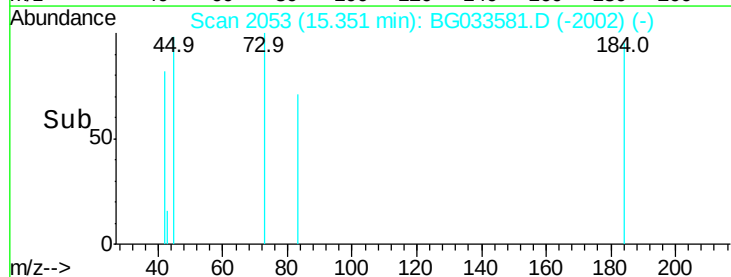
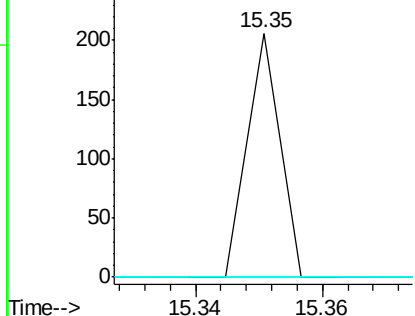
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

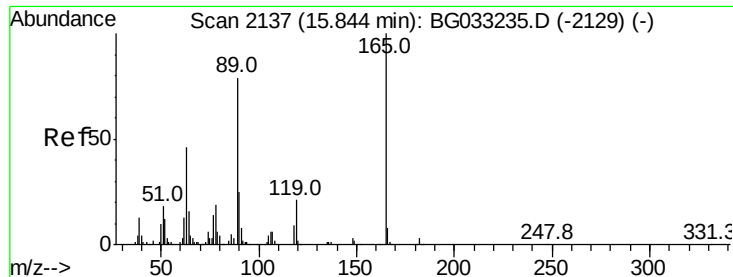


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

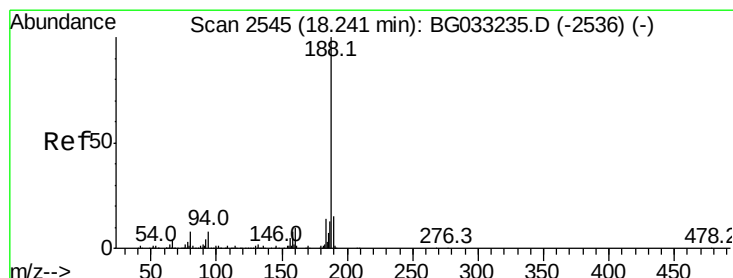
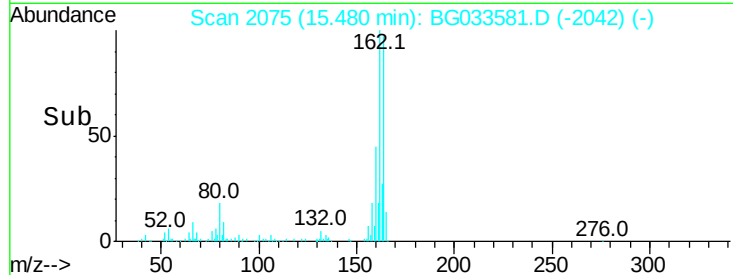
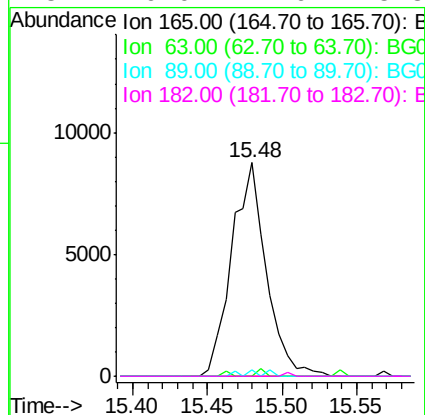
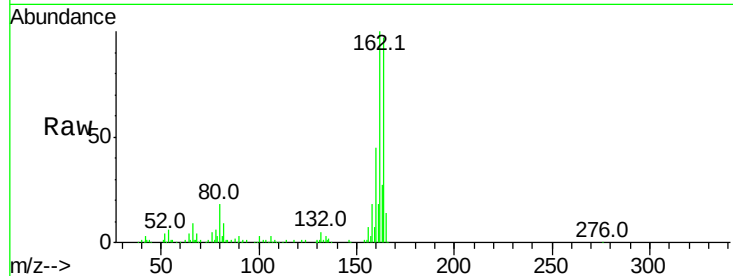
Ion 154.00 (153.70 to 154.70): E





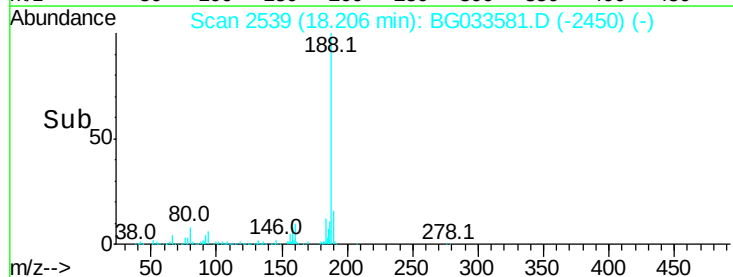
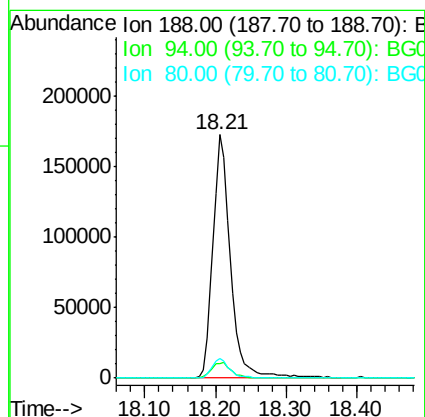
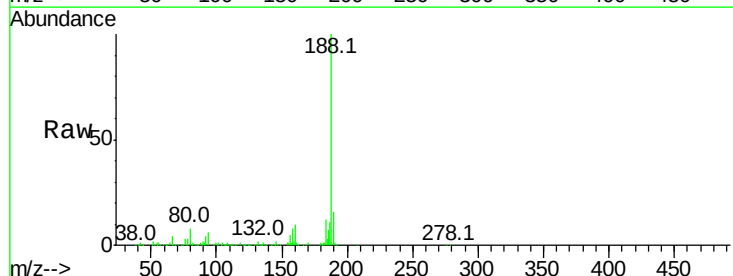
#56
 2,4-Dinitrotoluene
 Concen: 5.096 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

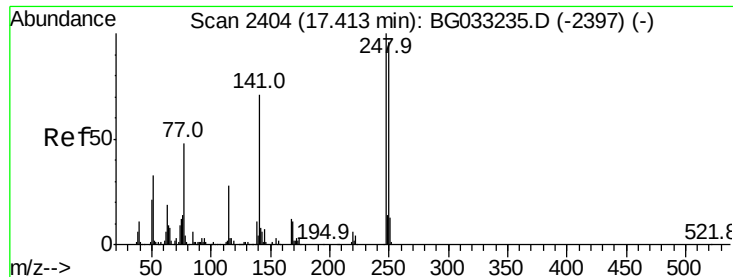
Tot Ion:	165	Resp:	14204
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

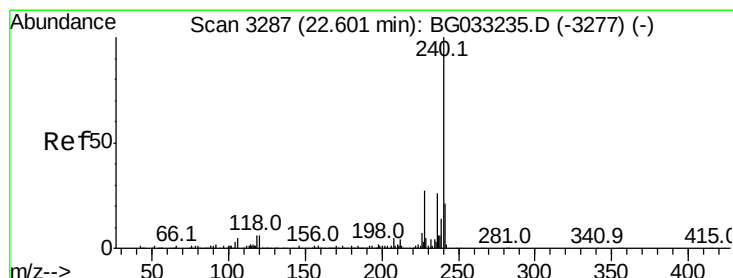
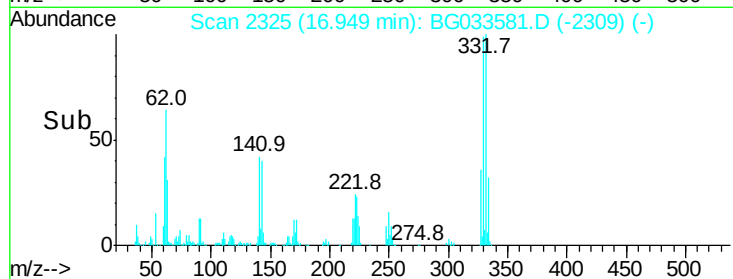
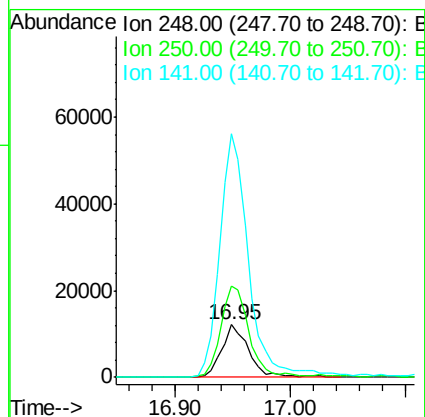
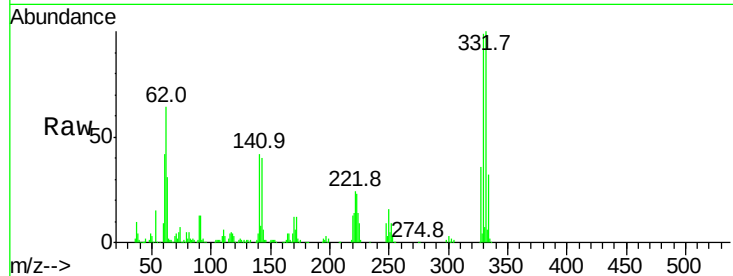
Tgt Ion:	188	Resp:	301097
Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	8.0	7.7	11.5





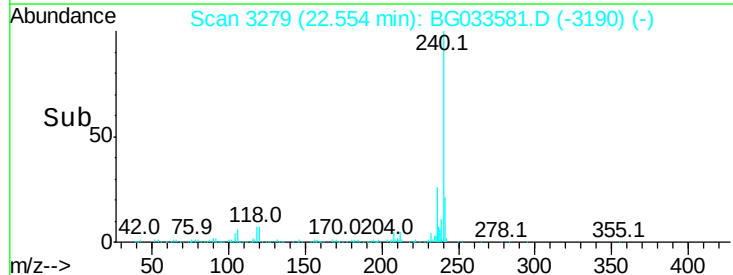
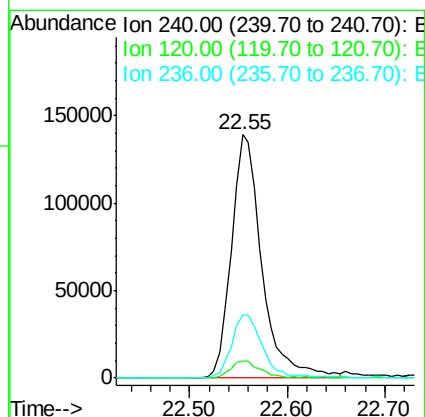
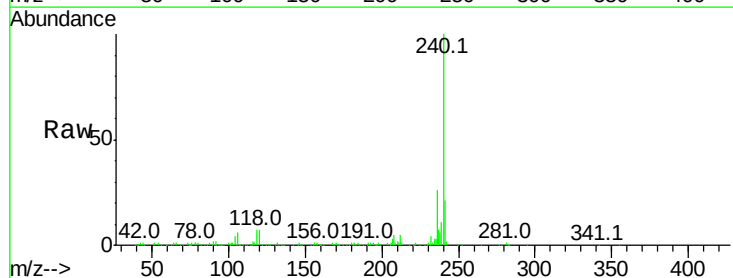
#66
4-Bromophenyl-phenylether
Concen: 5.619 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

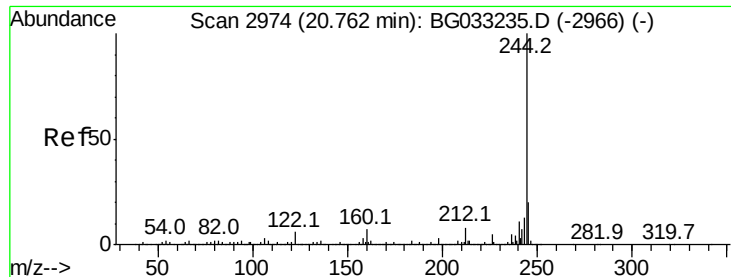
Tot Ion	Ratio	Lower	Upper
248	100		
250	173.9	77.1	115.7#
141	461.8	50.8	76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.8	10.2
236	25.7	20.9	31.3

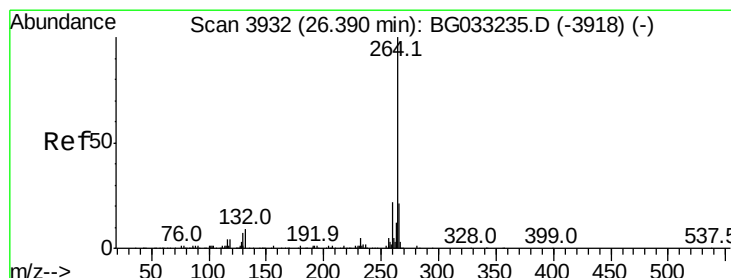
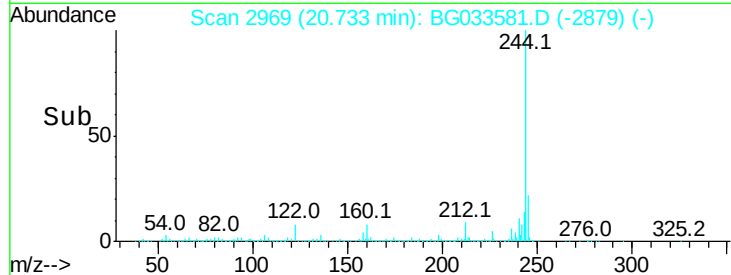
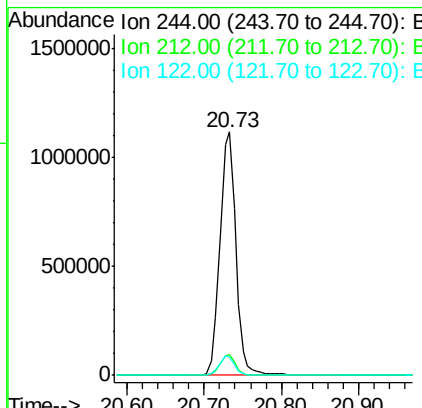
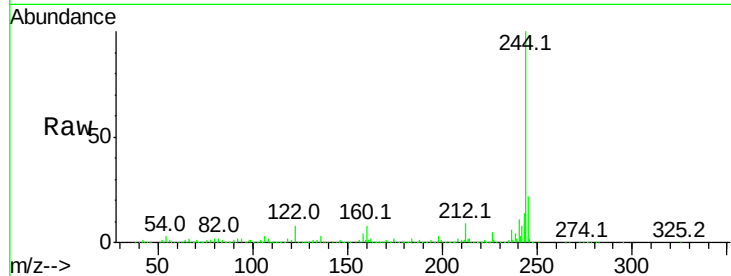




#78
 Terphenyl-d14
 Concen: 113.535 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Tot Ion:244 Resp: 1603060

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.6	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Tgt Ion:264 Resp: 254033

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.7	17.7	26.5

