

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033565.D
 Acq On : 4 Apr 2018 18:21
 Operator : SJ/JU
 Sample : J2177-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

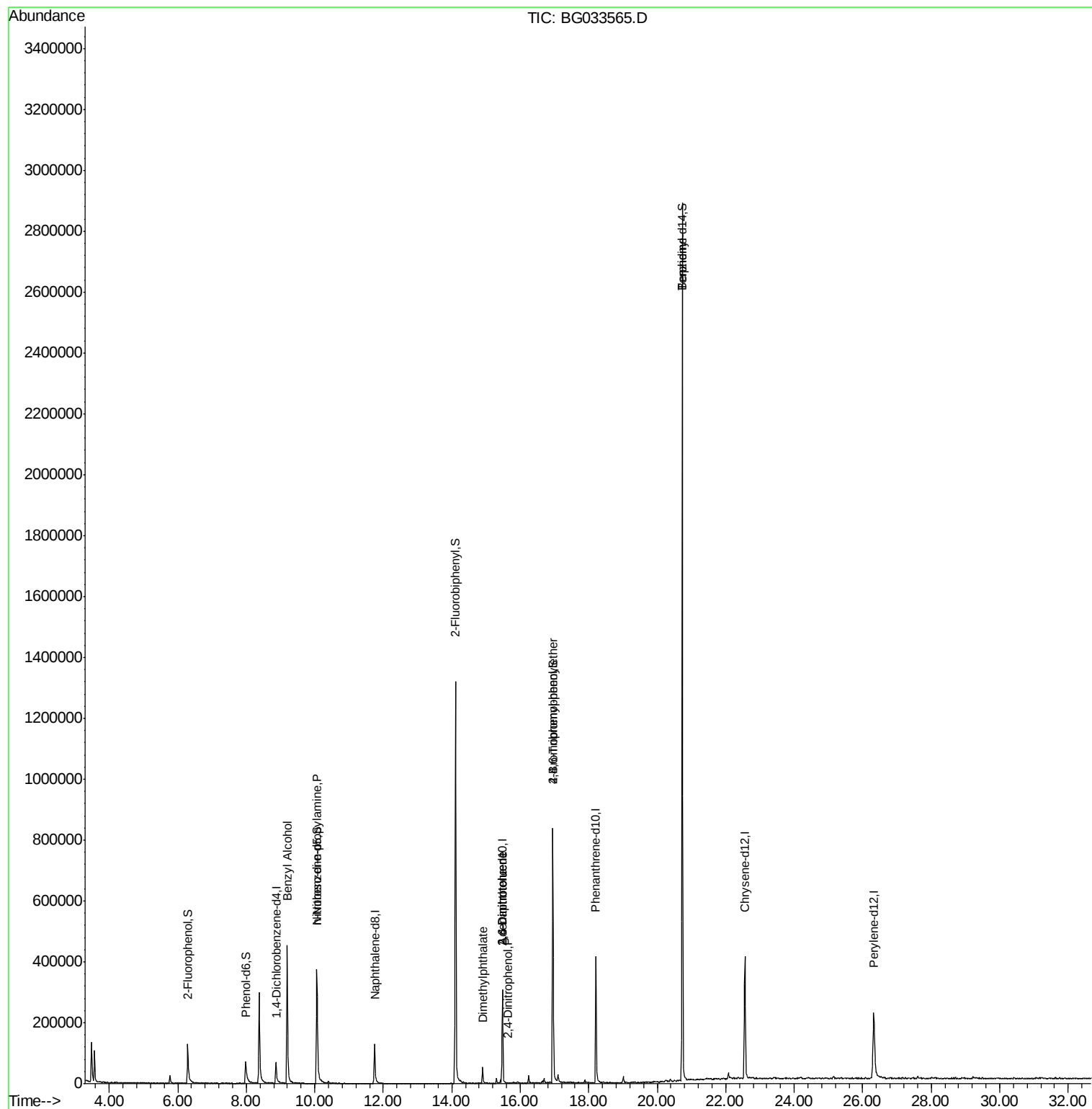
Quant Time: Apr 05 03:24:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

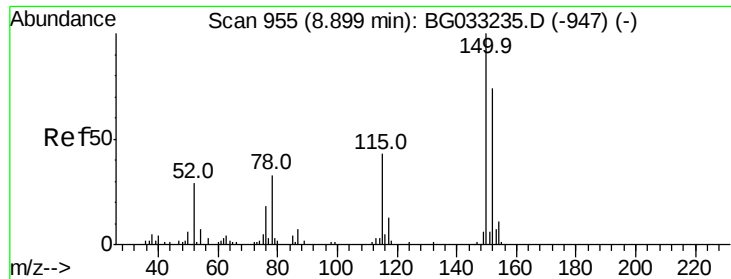
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28470	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	130823	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112028	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	308891	20.00	ng	0.00
75) Chrysene-d12	22.56	240	315784	20.00	ng	0.00
86) Perylene-d12	26.32	264	315804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	72953	48.05	ng	0.00
7) Phenol-d6	7.98	99	60988	23.38	ng	0.00
23) Nitrobenzene-d5	10.06	82	300583	105.56	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	170095	101.52	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	786142	101.31	ng	0.00
78) Terphenyl-d14	20.73	244	1429724	96.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4887	2.379	ng	# 18
19) n-Nitroso-di-n-propylamine	10.07	70	41713	21.821	ng	# 83
49) Dimethylphthalate	14.90	163	35738	3.666	ng	# 96
50) 2,6-Dinitrotoluene	15.48	165	14743	7.396	ng	# 18
53) 2,4-Dinitrophenol	15.64	184	53	7.689	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14744	5.023	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	13053	3.598	ng	# 1
76) Benzidine	20.73	184	24723	2.887	ng	# 91

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

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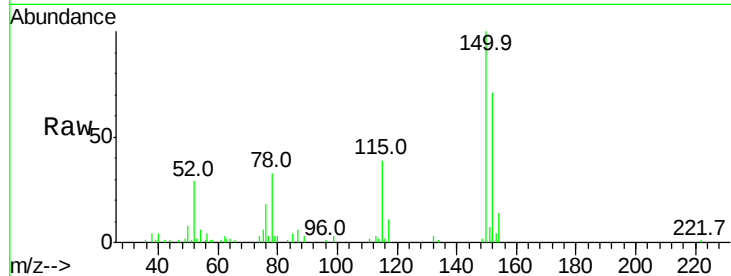




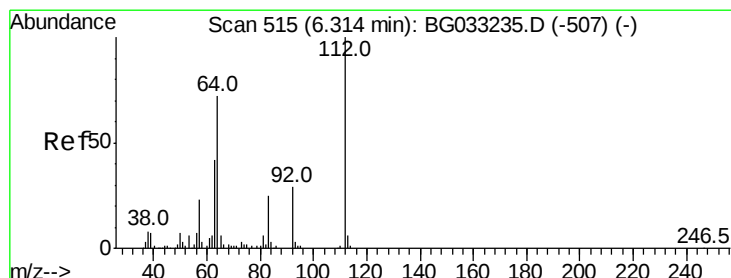
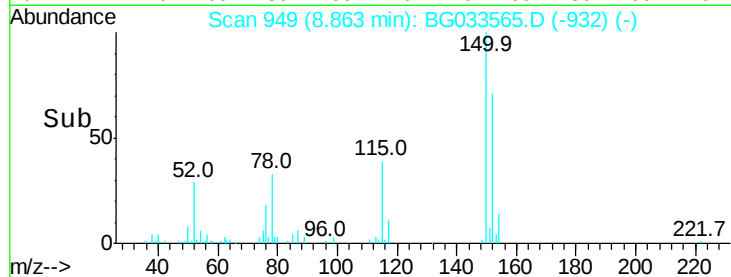
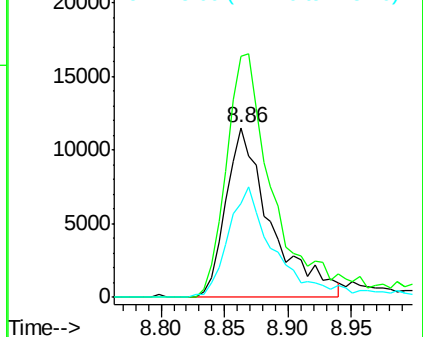
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033565.D
Acq: 4 Apr 2018 18:21

Tot Ion:152 Resp: 28470
Ion Ratio Lower Upper
152 100
150 141.8 126.6 189.8
115 55.1 53.0 79.4



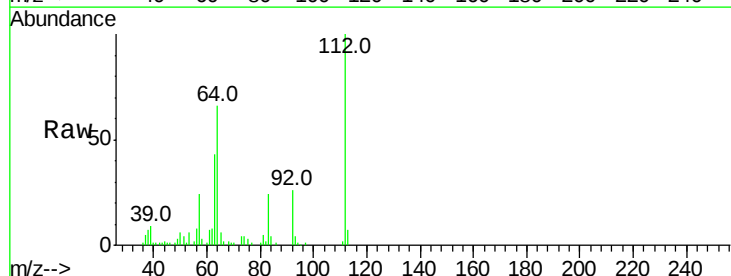
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



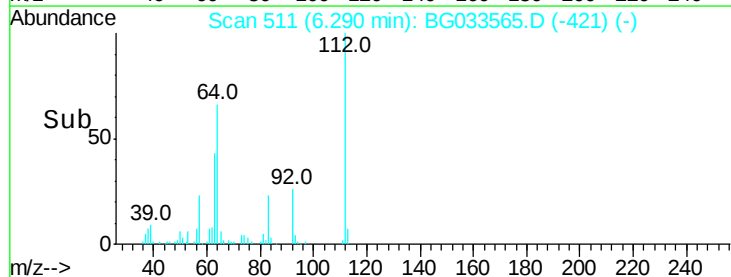
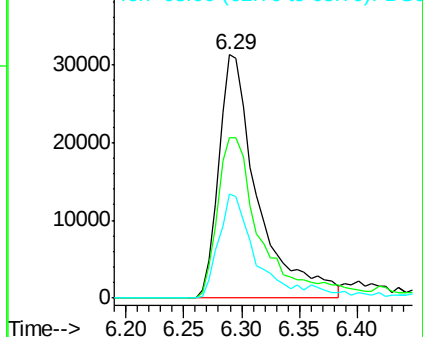
#5

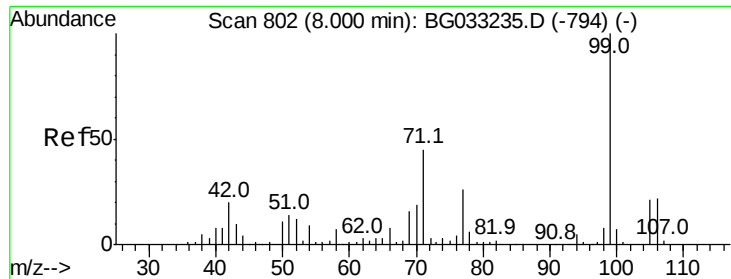
2-Fluorophenol
Concen: 48.049 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033565.D
Acq: 4 Apr 2018 18:21

Tgt Ion:112 Resp: 72953
Ion Ratio Lower Upper
112 100
64 65.8 56.3 84.5
63 42.8 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: 23.378 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

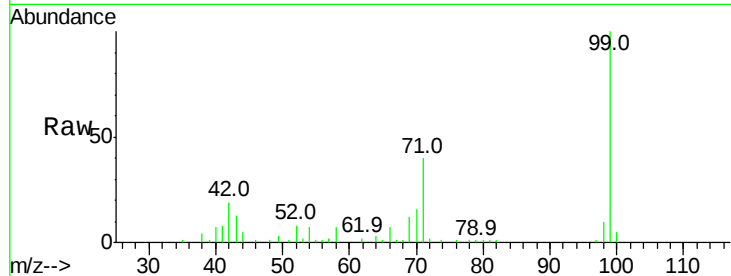
Tot Ion: 99 Resp: 60988

Ion Ratio Lower Upper

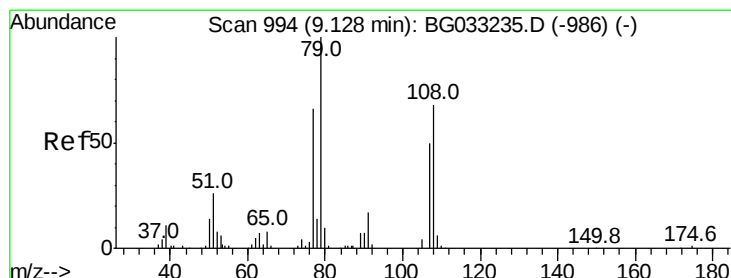
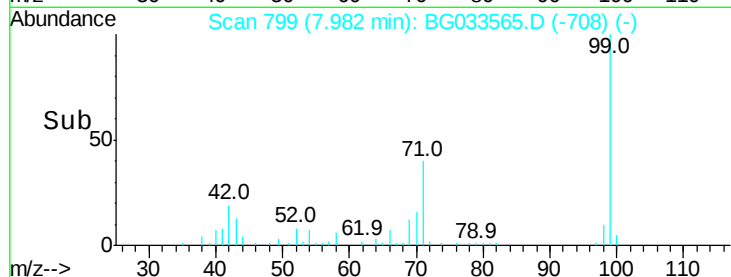
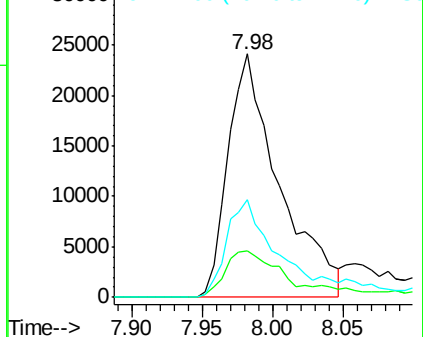
99 100

42 19.0 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: 2.379 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

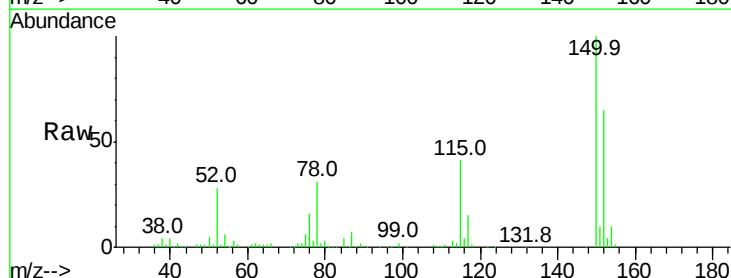
Tgt Ion: 79 Resp: 4887

Ion Ratio Lower Upper

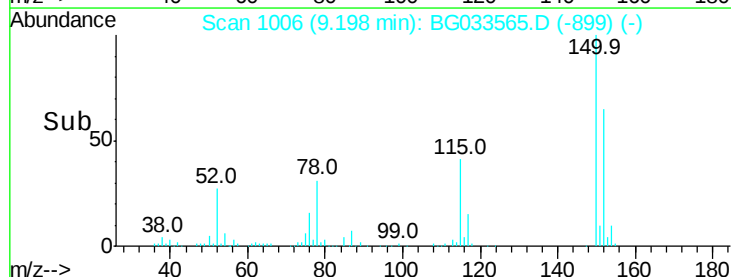
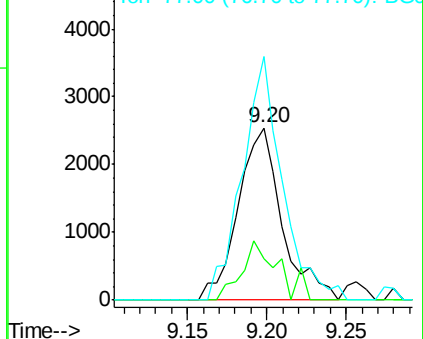
79 100

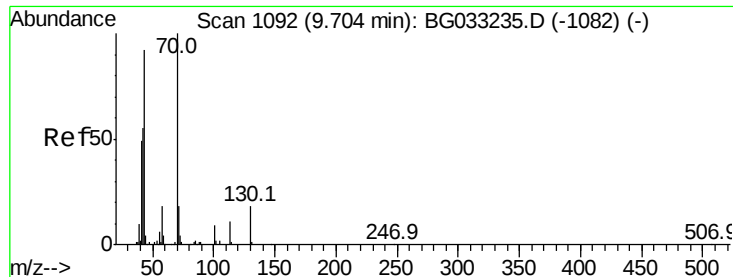
108 23.9 57.2 85.8#

77 141.6 46.1 69.1#



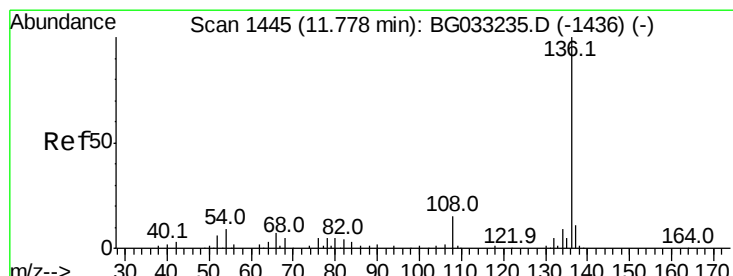
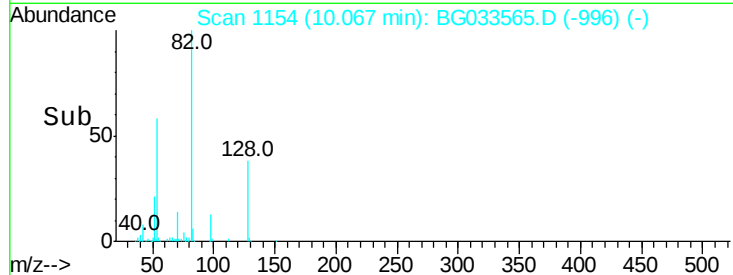
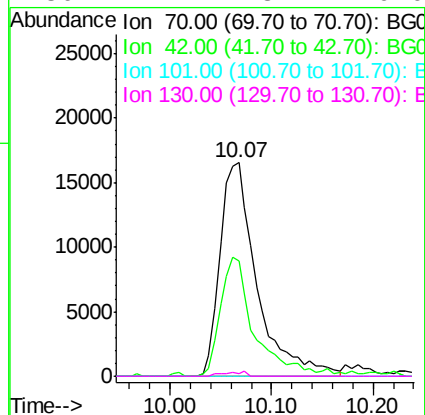
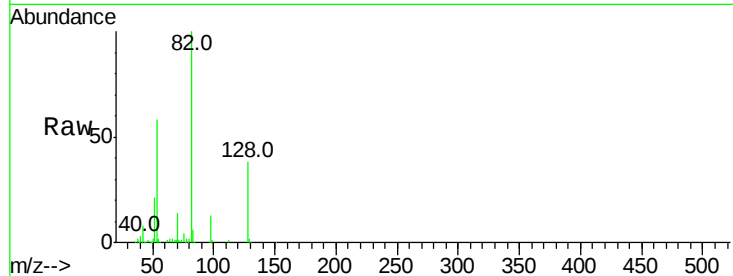
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





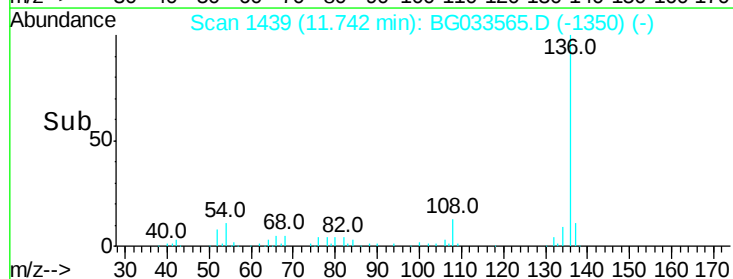
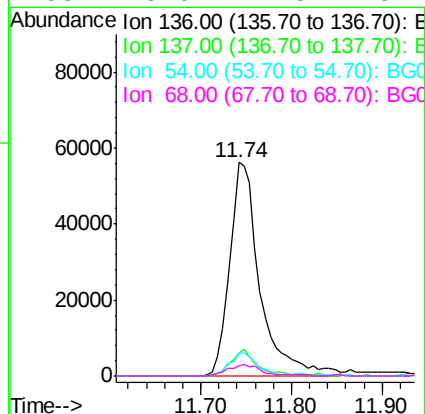
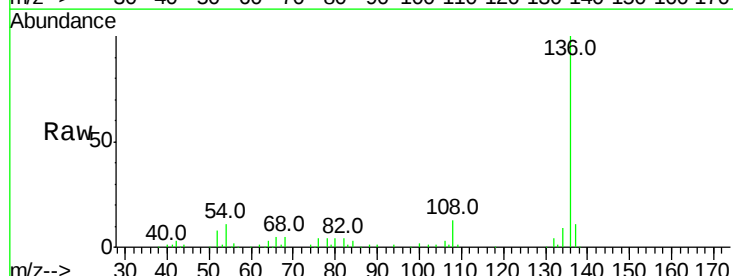
#19
n-Nitroso-di-n-propylamine
Concen: 21.821 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.40 min
Lab File: BG033565.D
Acq: 4 Apr 2018 18:21

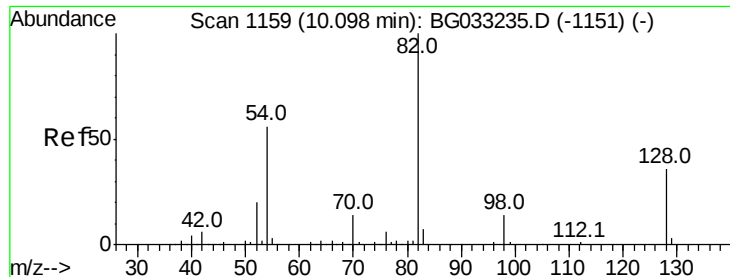
Tot Ion:	70	Resp:	41713
Ion	Ratio	Lower	Upper
70	100		
42	53.8	49.1	73.7
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033565.D
Acq: 4 Apr 2018 18:21

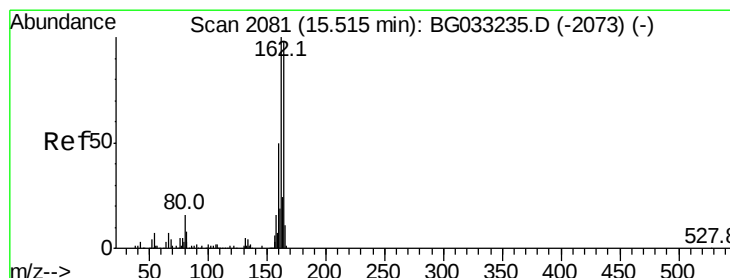
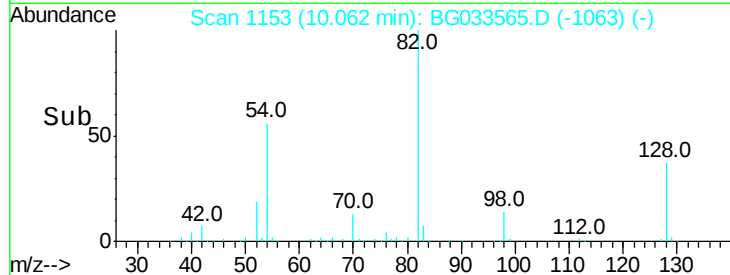
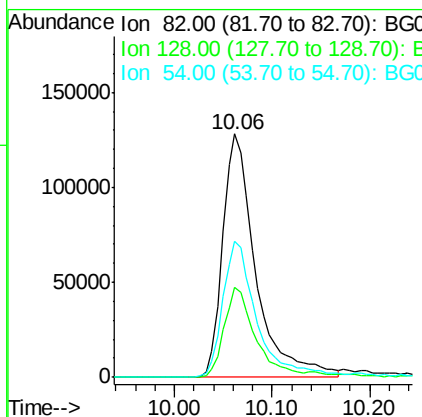
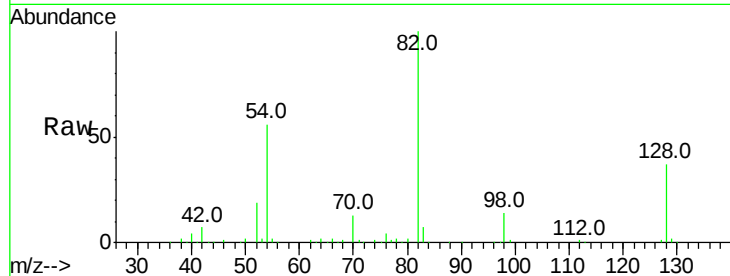
Tgt Ion:	136	Resp:	130823
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	10.8	10.3	15.5
68	5.0	4.5	6.7





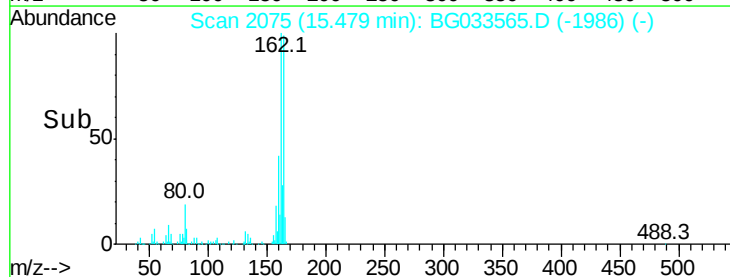
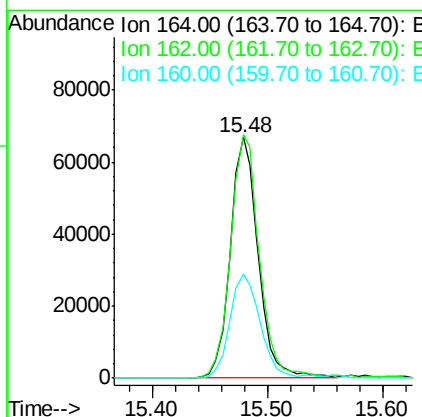
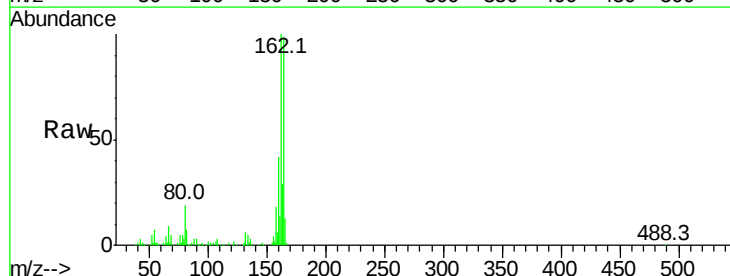
#23
 Nitrobenzene-d5
 Concen: 105.563 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

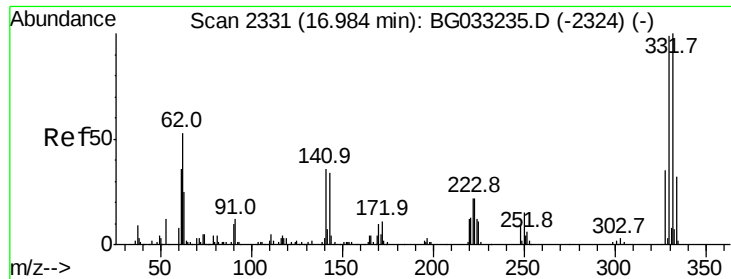
Tot Ion	82	Resp	300583
Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.7	44.5
54	55.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

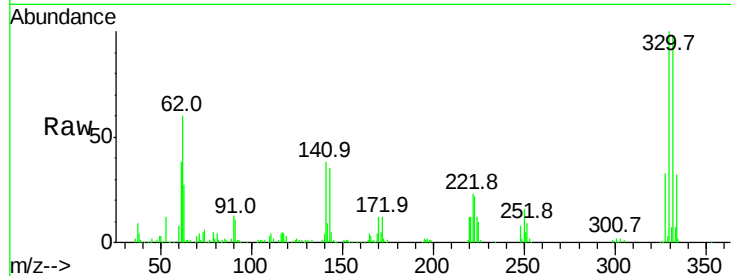
Tgt Ion	164	Resp	112028
Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	42.9	35.4	53.0



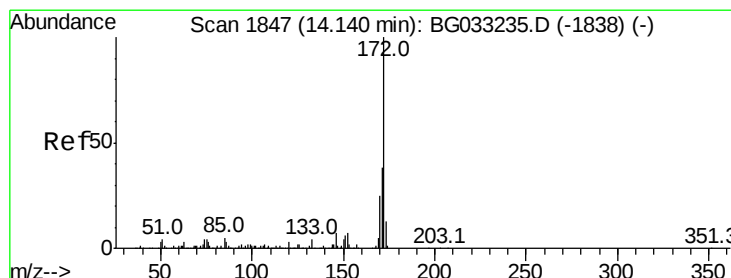
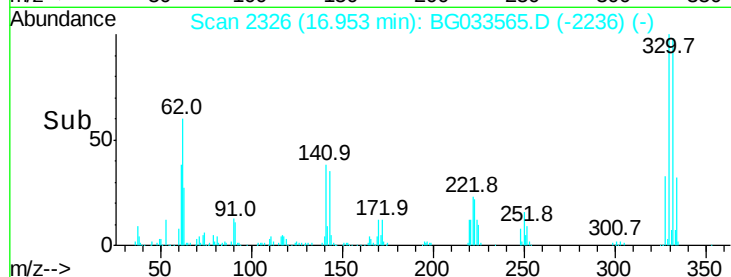
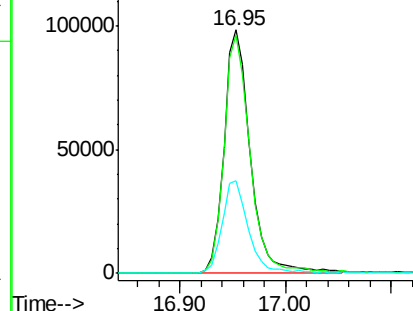


#41
 2,4,6-Tribromophenol
 Concen: 101.518 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	38.7	25.2	37.8#

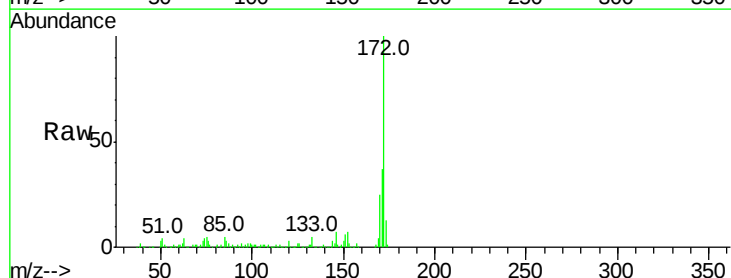


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

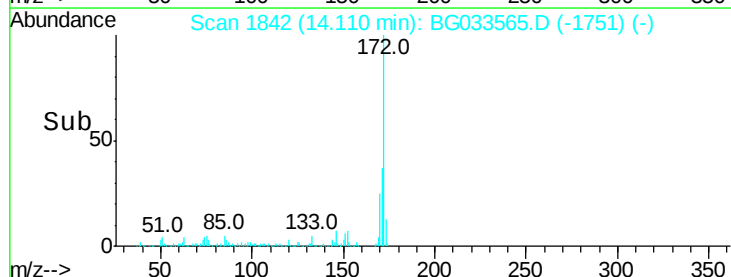
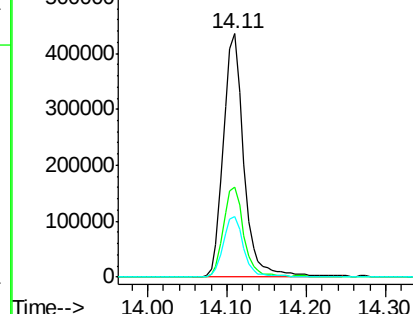


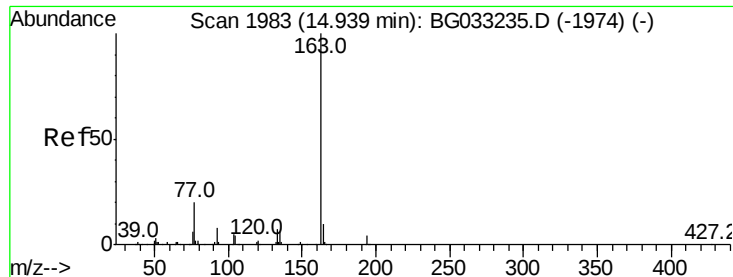
#44
 2-Fluorobiphenyl
 Concen: 101.305 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.7	19.5	29.3



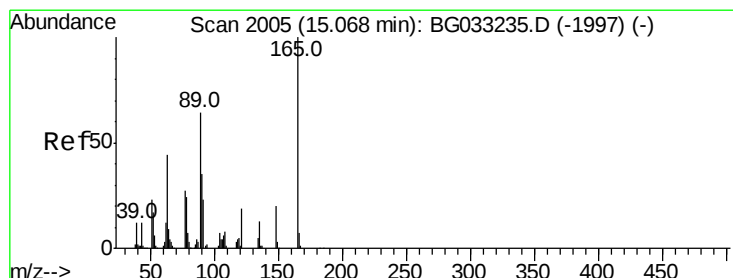
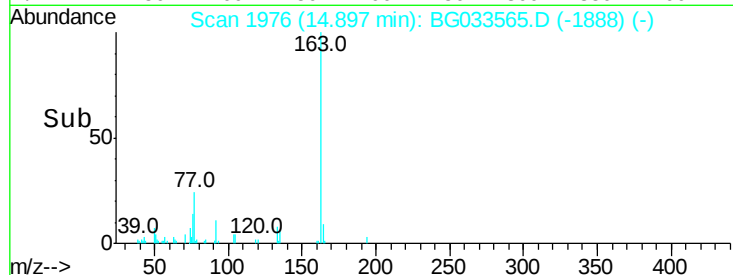
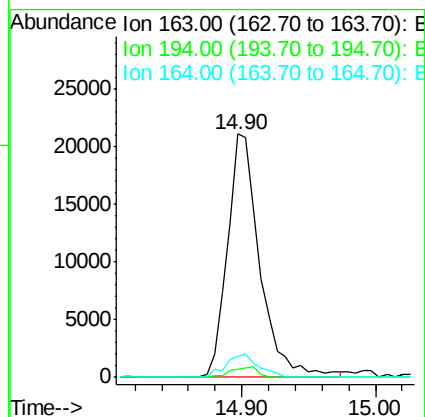
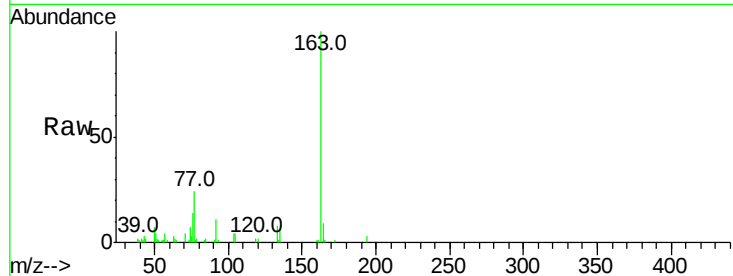
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





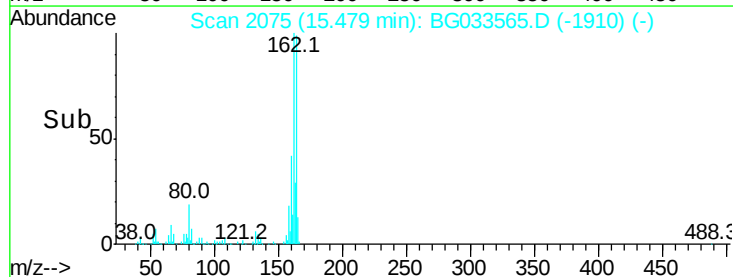
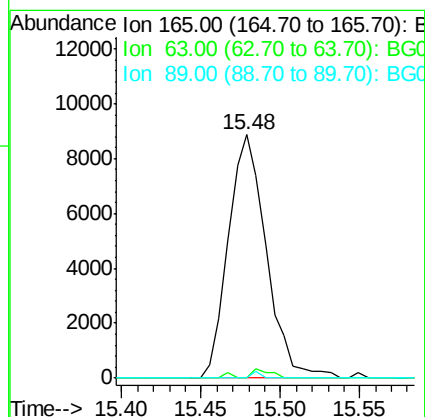
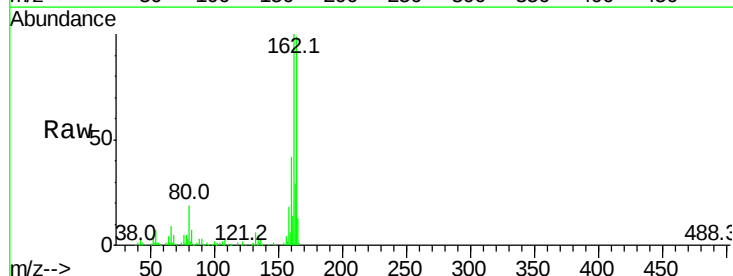
#49
Dimethylphthalate
Concen: 3.666 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033565.D
Acq: 4 Apr 2018 18:21

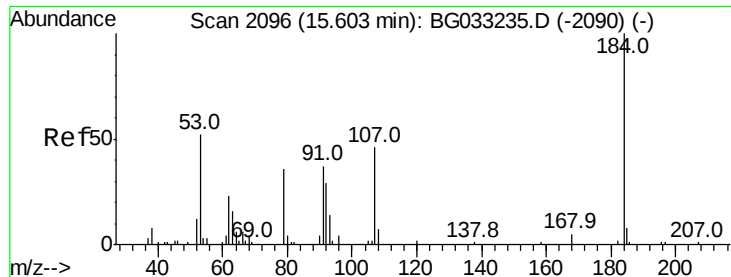
Tot Ion:163 Resp: 35738
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.2#
164 8.7 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.396 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.44 min
Lab File: BG033565.D
Acq: 4 Apr 2018 18:21

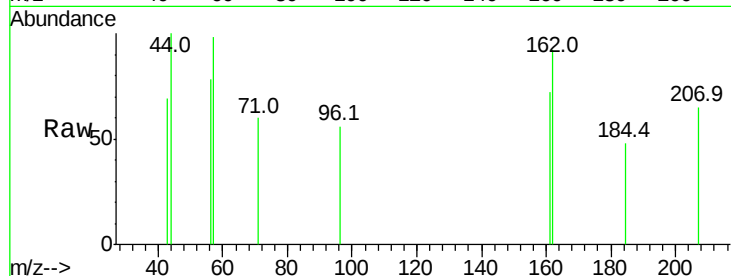
Tgt Ion:165 Resp: 14743
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#





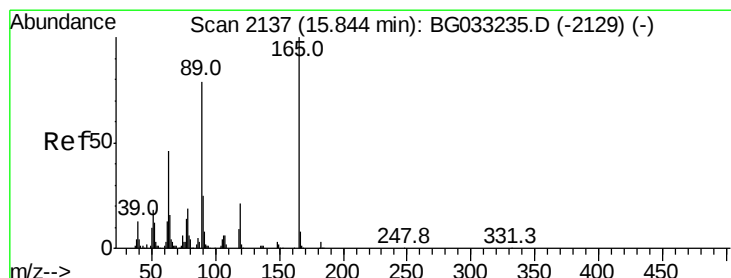
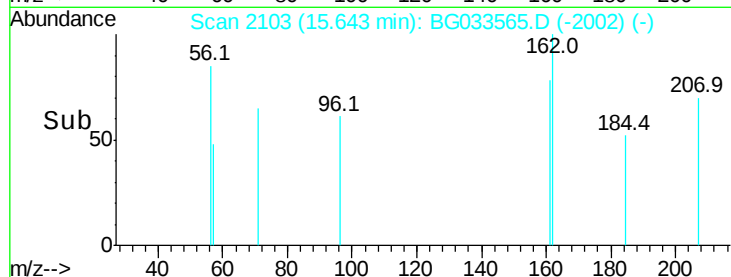
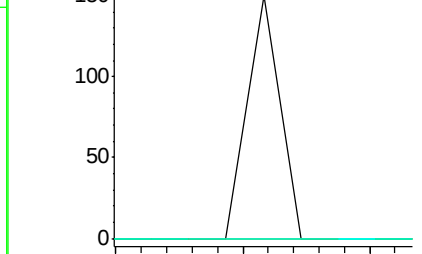
#53
 2,4-Dinitrophenol
 Concen: 7.689 ng
 RT: 15.64 min Scan# 2103
 Delta R.T. 0.06 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

Tot Ion:184 Resp: 53
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



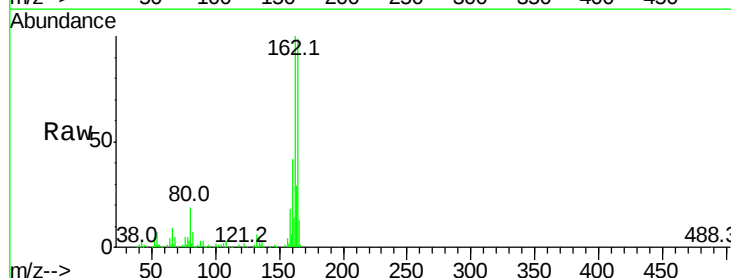
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

15.64



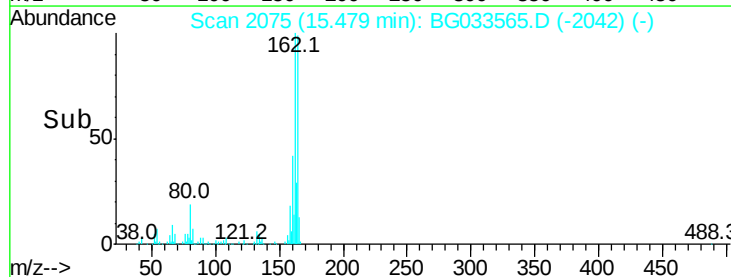
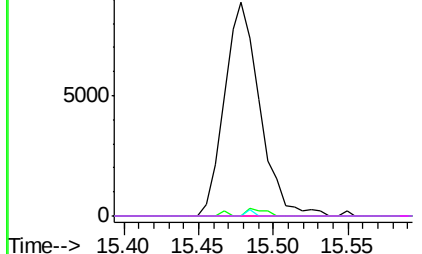
#56
 2,4-Dinitrotoluene
 Concen: 5.023 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033565.D
 Acq: 4 Apr 2018 18:21

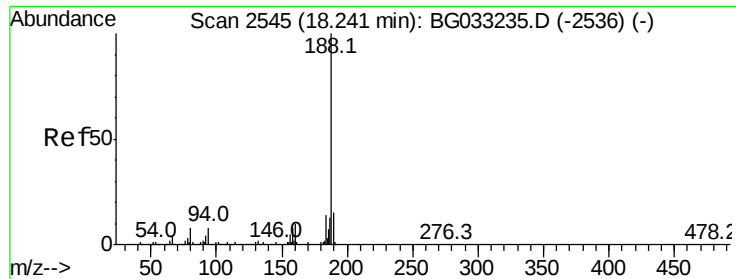
Tgt Ion:165 Resp: 14744
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



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
 Ion 182.00 (181.70 to 182.70): E

15.48





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

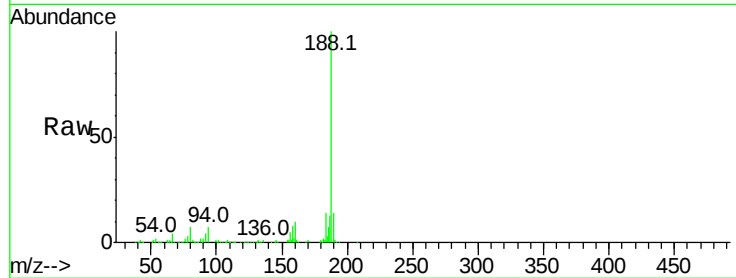
Tot Ion:188 Resp: 308891

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

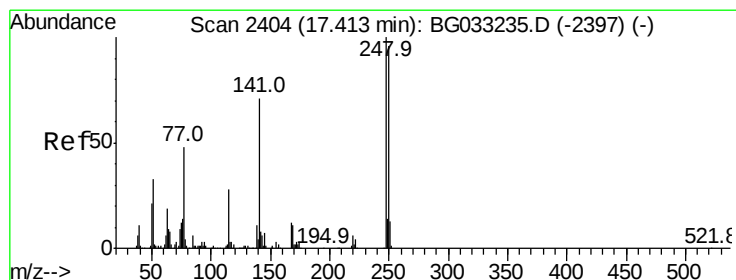
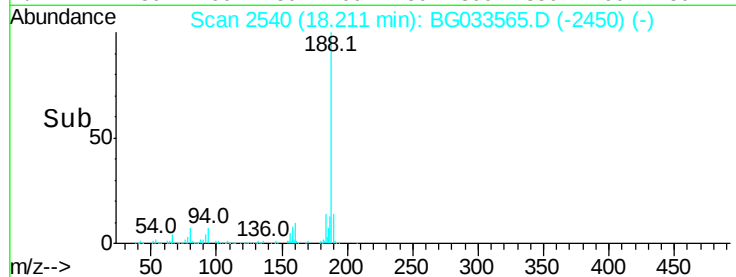
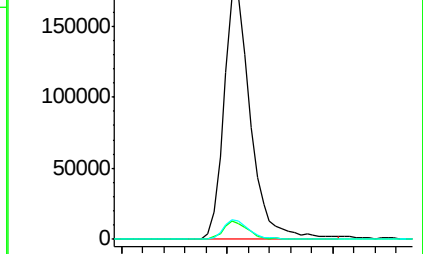
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.598 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.43 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

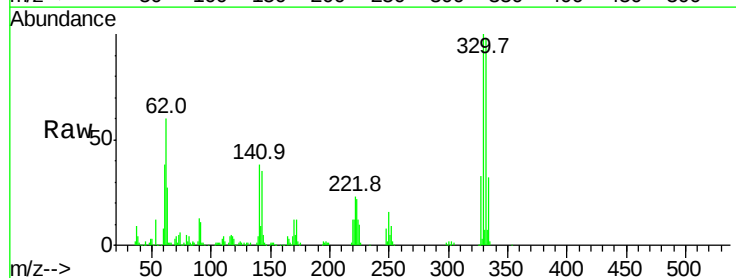
Tgt Ion:248 Resp: 13053

Ion Ratio Lower Upper

248 100

250 182.8 77.1 115.7#

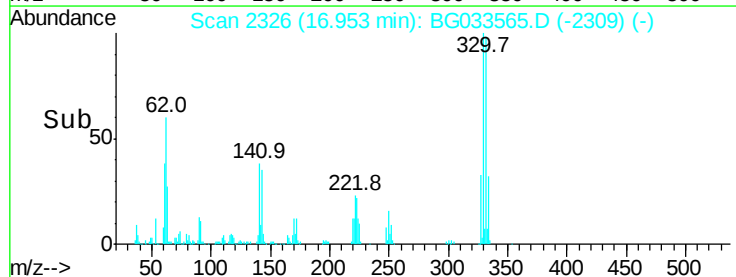
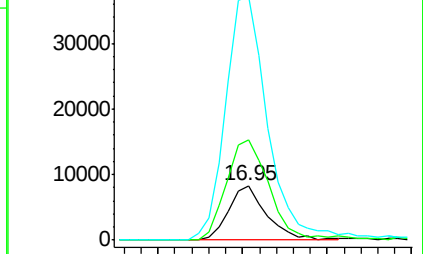
141 444.6 50.8 76.2#

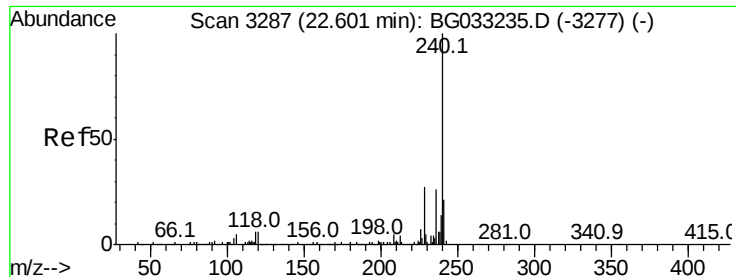


Abundance Ion 248.00 (247.70 to 248.70): E

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

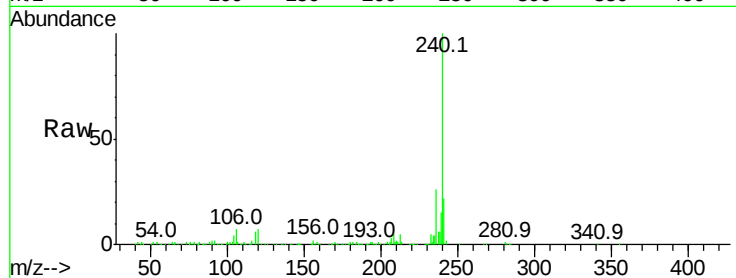
Delta R.T. -0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

Tot Ion:240 Resp: 315784

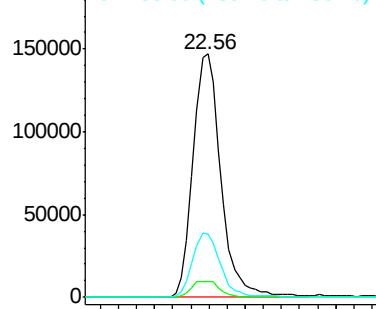
Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.8	10.2#
236	25.7	20.9	31.3



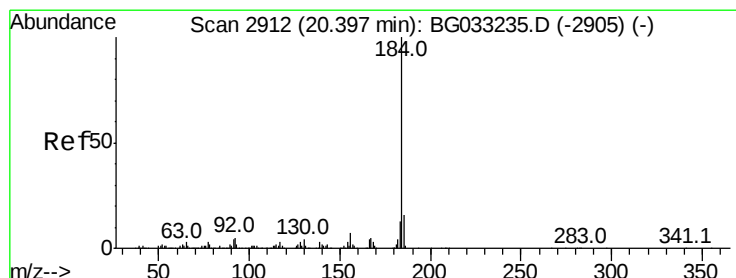
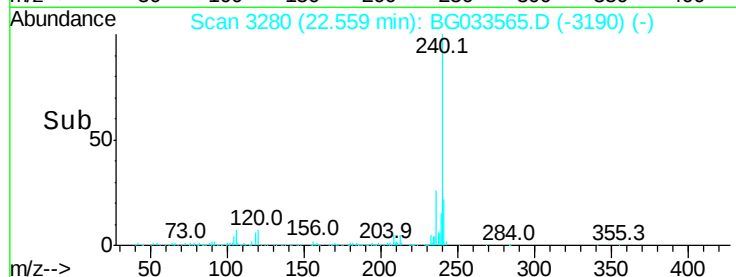
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 2.887 ng

RT: 20.73 min Scan# 2969

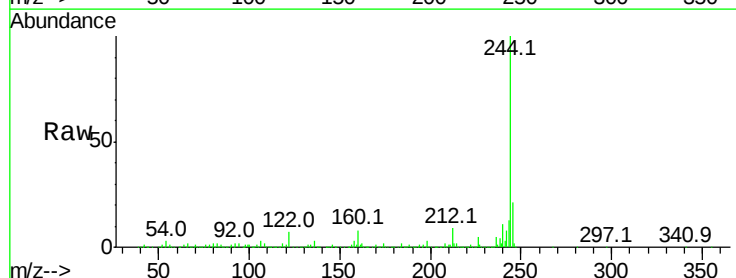
Delta R.T. 0.36 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

Tgt Ion:184 Resp: 24723

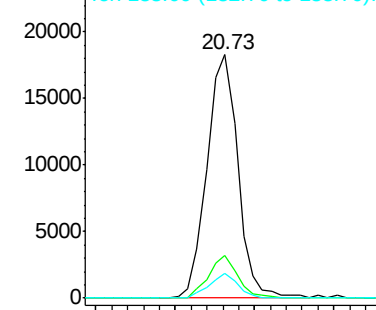
Ion	Ratio	Lower	Upper
184	100		
185	17.4	11.1	16.7#
183	9.9	10.6	16.0#



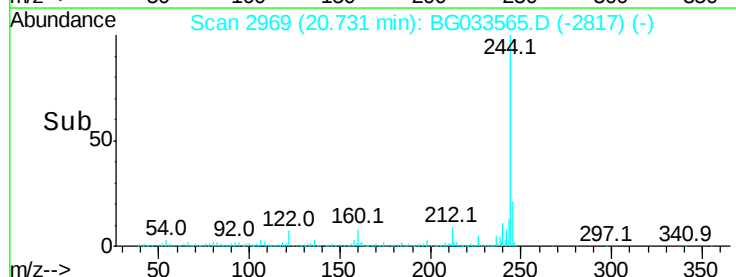
Abundance Ion 184.00 (183.70 to 184.70): E

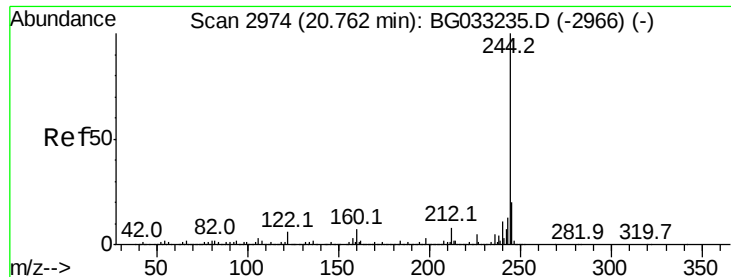
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#78

Terphenyl-d14

Concen: 96.826 ng

RT: 20.73 min Scan# 2969

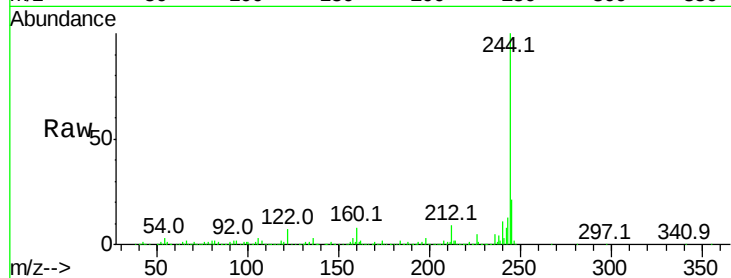
Delta R.T. -0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

Tot Ion:244 Resp: 1429724

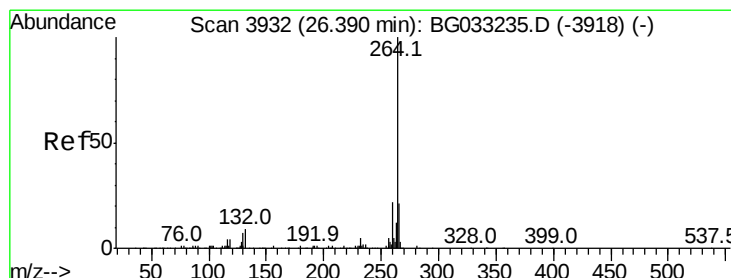
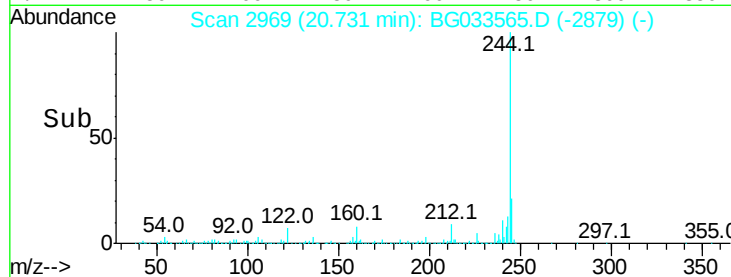
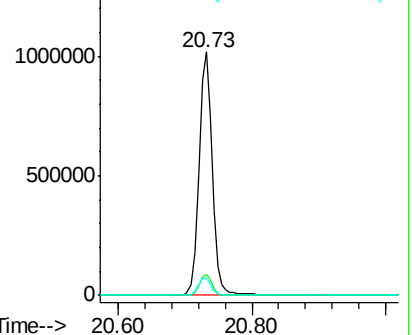
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.2	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

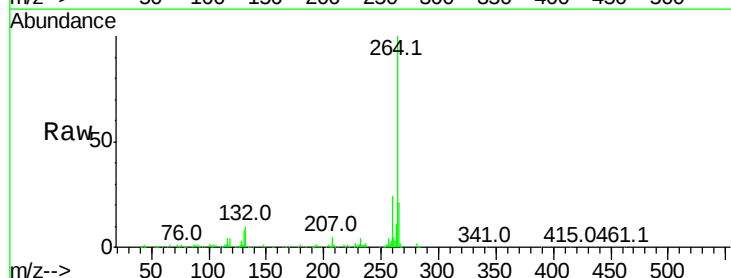
Delta R.T. -0.00 min

Lab File: BG033565.D

Acq: 4 Apr 2018 18:21

Tgt Ion:264 Resp: 315804

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.5	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

