

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035943.D
 Acq On : 27 Jul 2018 18:42
 Operator : JU/SJ
 Sample : J4192-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 27 23:15:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32230	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125508	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	100336	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	280945	20.00	ng	0.00
75) Chrysene-d12	21.65	240	293648	20.00	ng	0.00
86) Perylene-d12	24.85	264	278906	20.00	ng	0.00

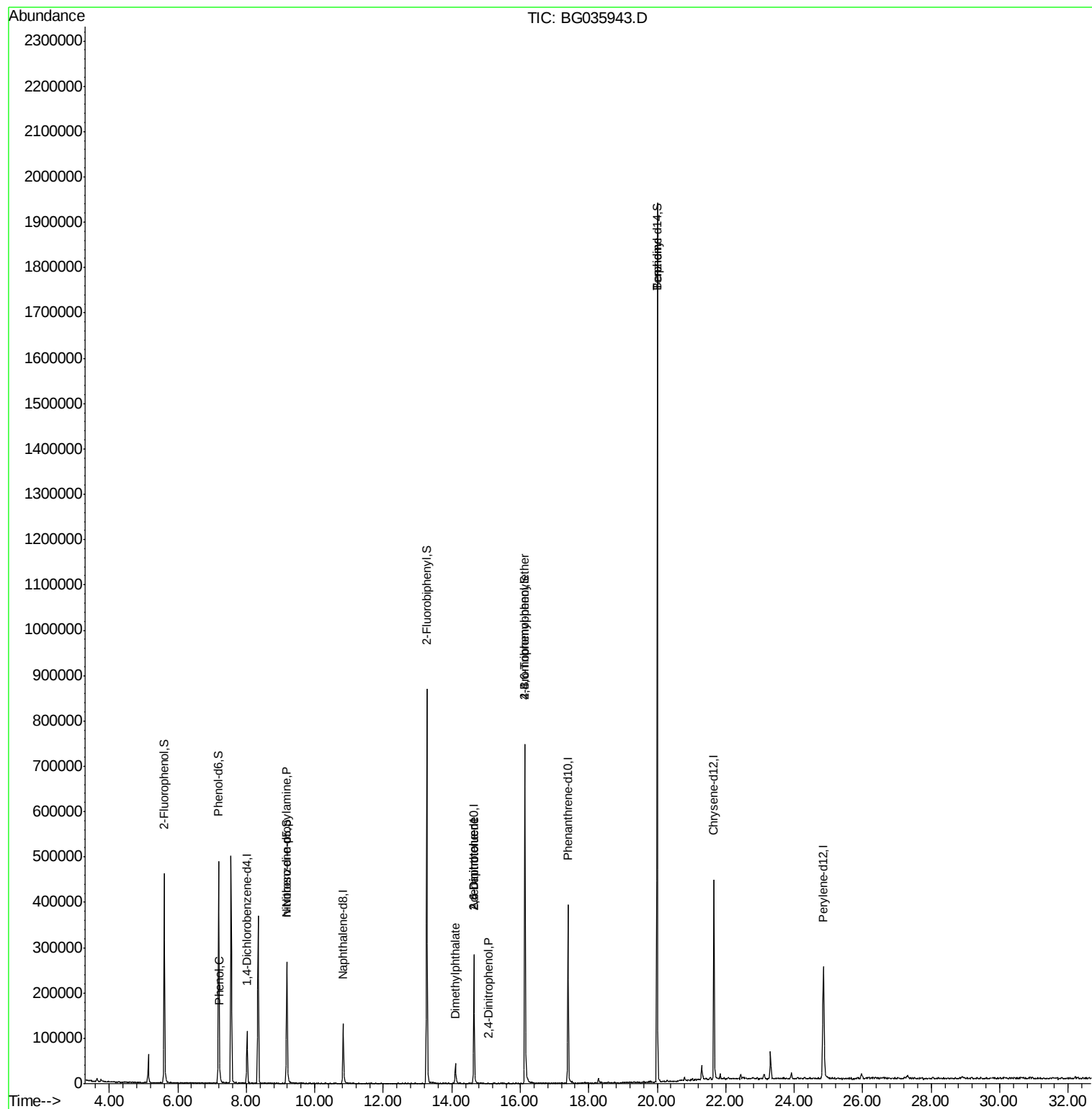
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	213158	109.80	ng	0.00
7) Phenol-d6	7.19	99	313946	108.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	203261	67.65	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	146622	110.87	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	507456	67.76	ng	0.00
78) Terphenyl-d14	20.00	244	949802	71.30	ng	0.00

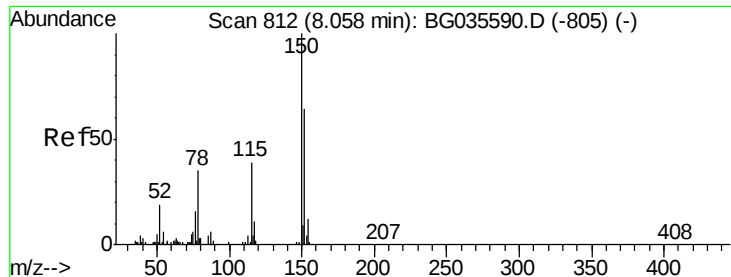
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.22	94	9921	3.390	ng	96
19) n-Nitroso-di-n-propylamine	9.18	70	28096	11.519	ng	# 69
49) Dimethylphthalate	14.10	163	41771	4.752	ng	# 94
50) 2,6-Dinitrotoluene	14.65	165	13055	7.293	ng	# 18
53) 2,4-Dinitrophenol	15.08	184	58	6.640	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	13055	5.083	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	11570	3.550	ng	# 1
76) Benzidine	20.00	184	16194	2.098	ng	94

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

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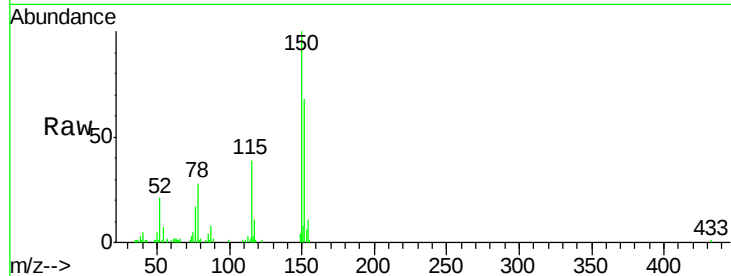




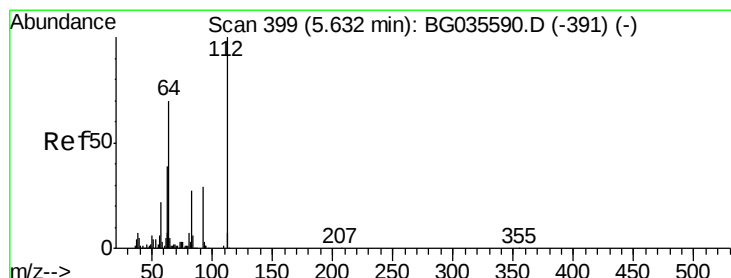
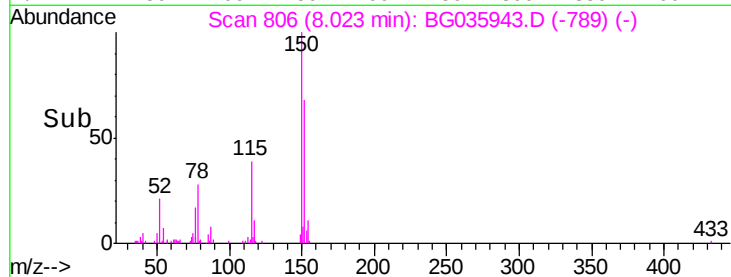
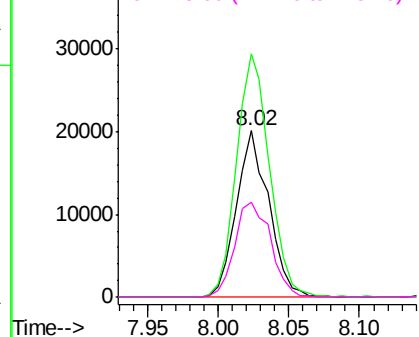
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035943.D
Acq: 27 Jul 2018 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.6	189.8
115	56.8	53.0	79.4



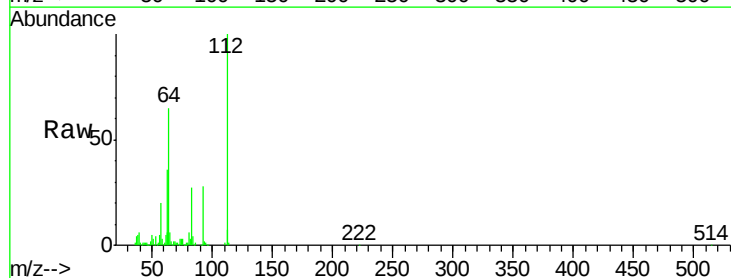
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



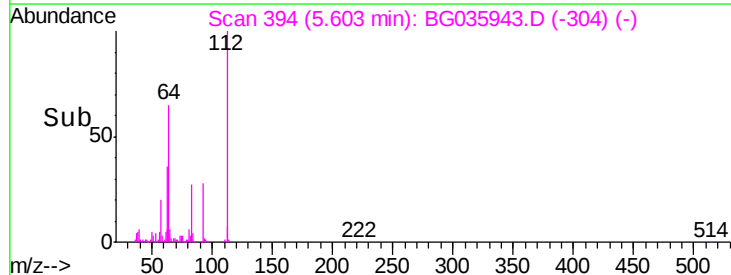
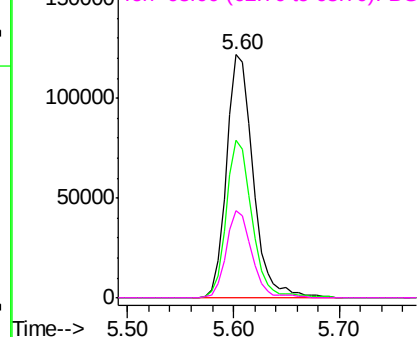
#5

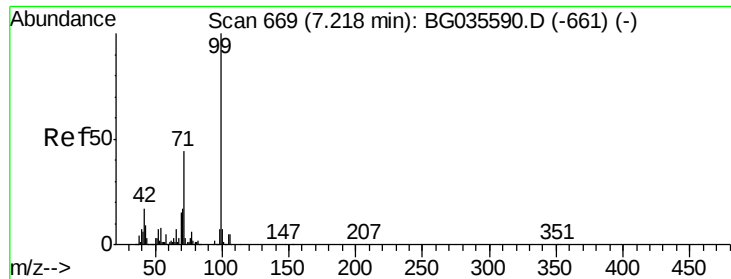
2-Fluorophenol
Concen: 109.802 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035943.D
Acq: 27 Jul 2018 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	35.8	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: 108.392 ng

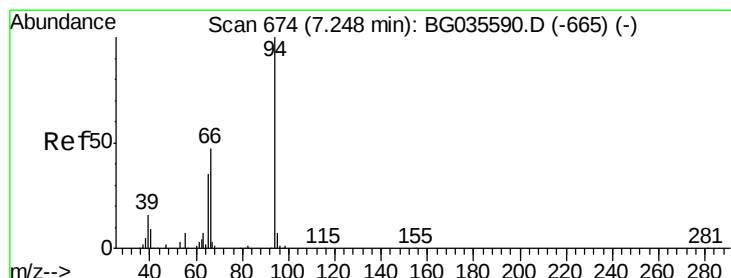
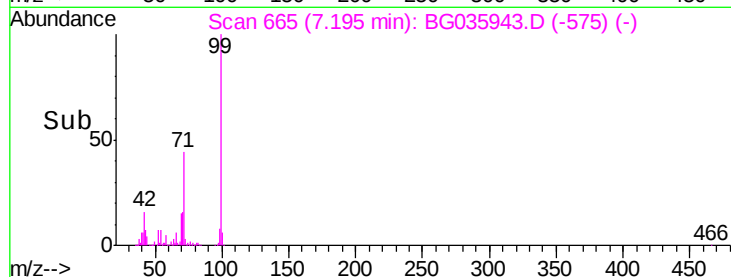
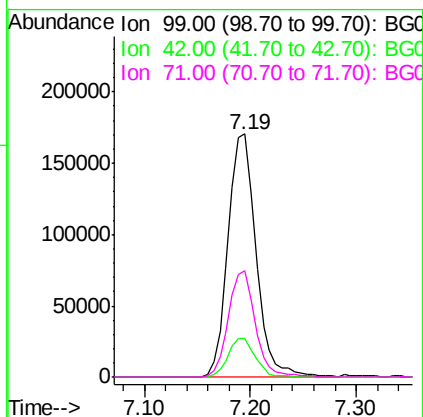
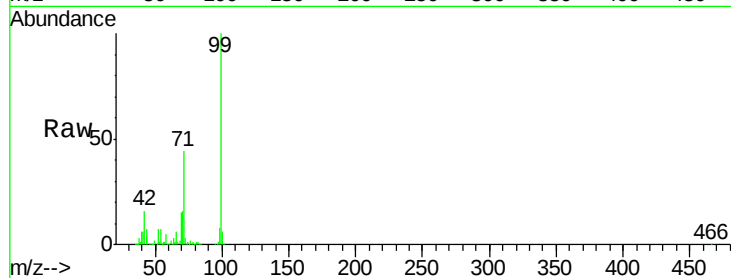
RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

Tgt Ion:	99	Resp:	313946
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	44.0	26.1	39.1#



#10

Phenol

Concen: 3.390 ng

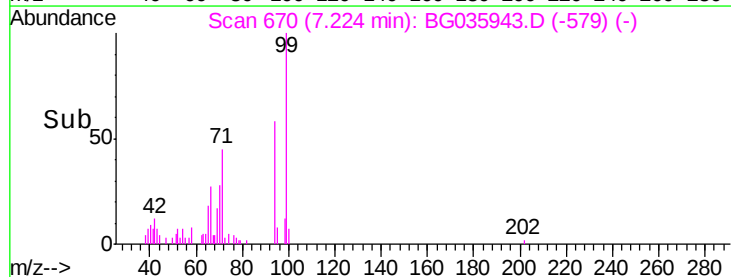
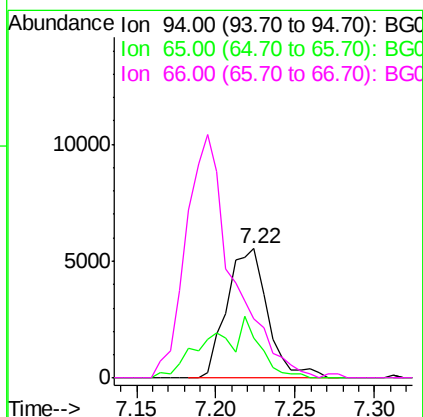
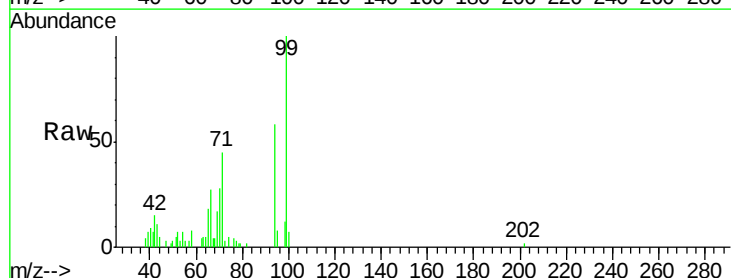
RT: 7.22 min Scan# 670

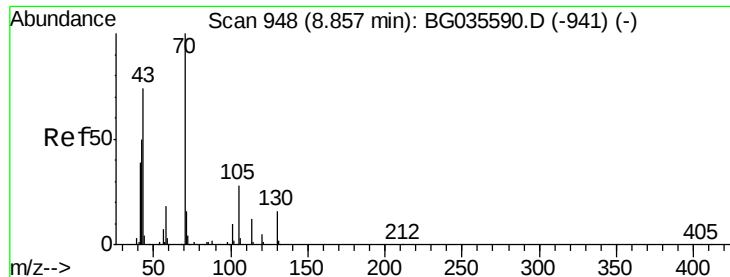
Delta R.T. 0.00 min

Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

Tgt Ion:	94	Resp:	9921
Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.9	51.9
66	45.9	22.2	62.2





#19

n-Nitroso-di-n-propylamine

Concen: 11.519 ng

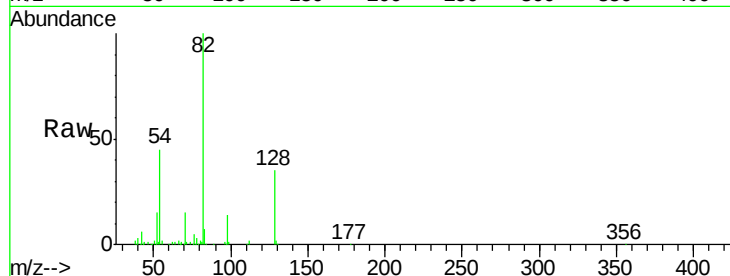
RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

Tgt Ion:	70	Resp:	28096
Ion	Ratio	Lower	Upper
70	100		
42	37.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#

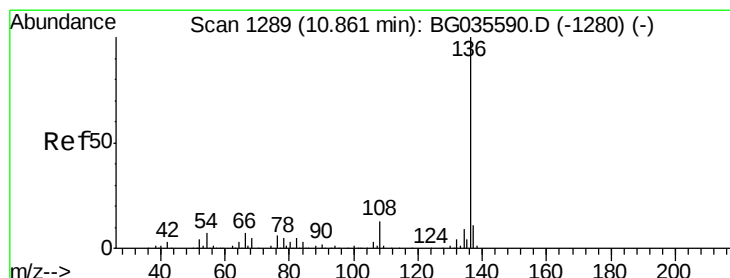
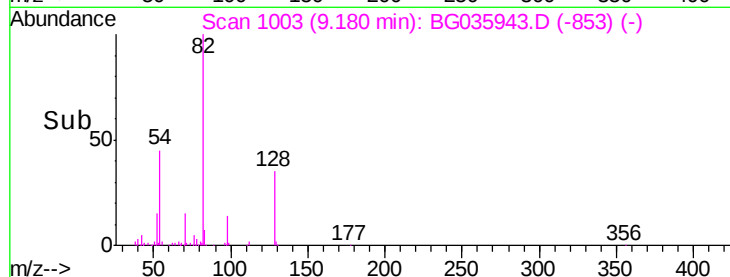
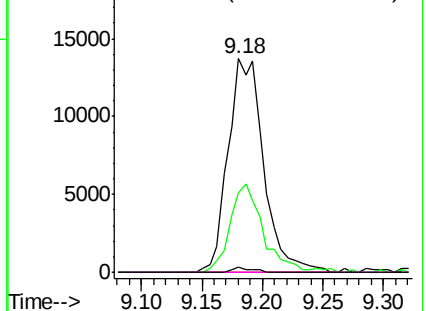


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

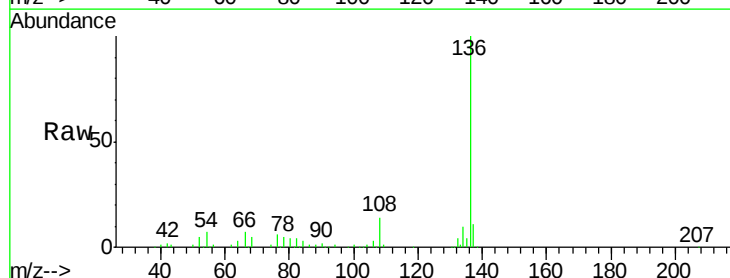
RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

Tgt Ion:	136	Resp:	125508
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.6	10.3	15.5#
68	5.3	4.5	6.7

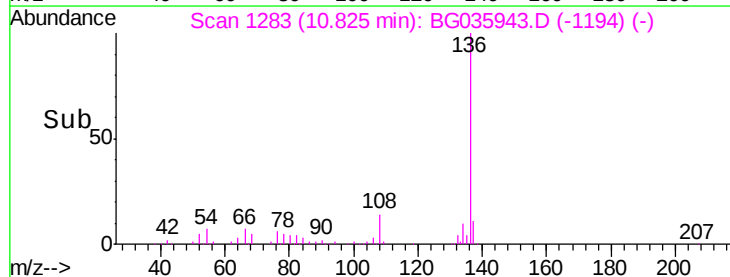
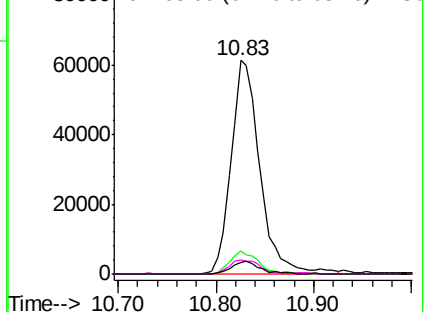


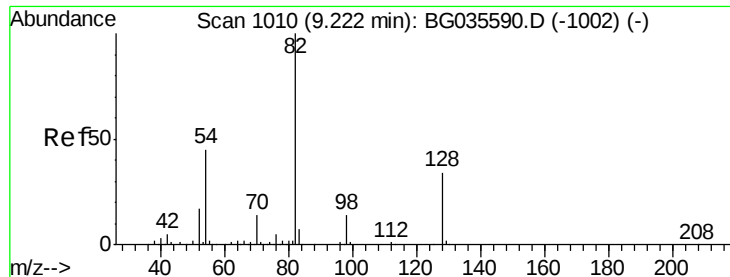
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 67.654 ng

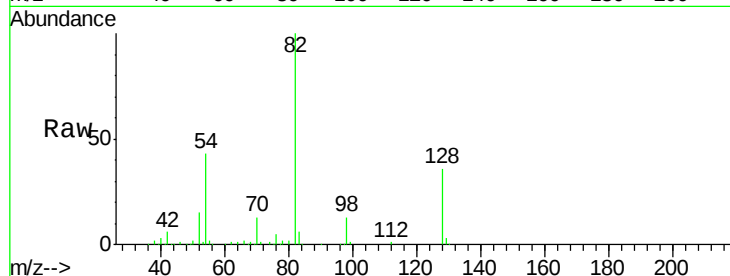
RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

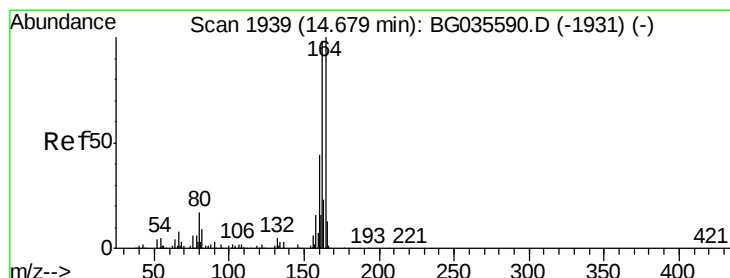
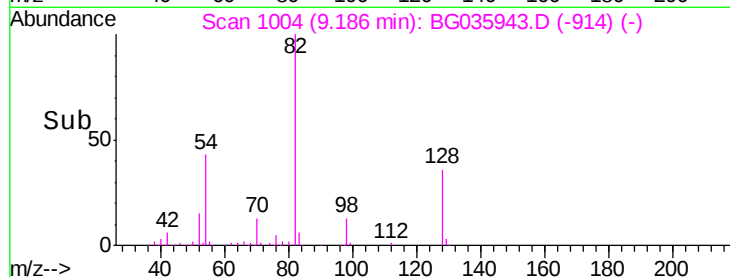
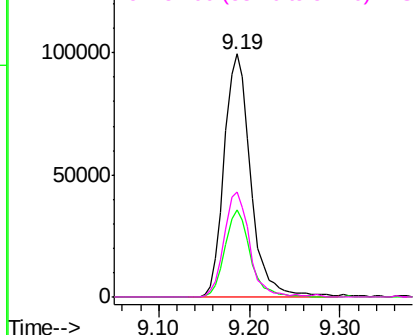
Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

Tgt Ion:	82	Resp:	203261
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	43.3	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

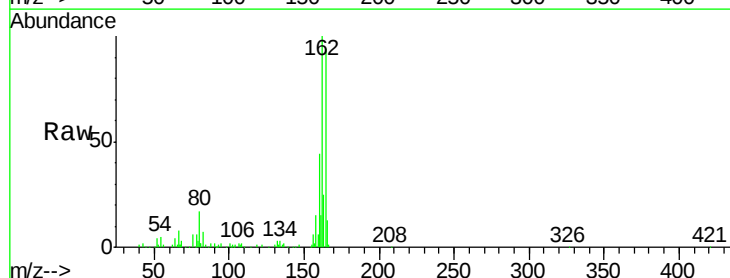
RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

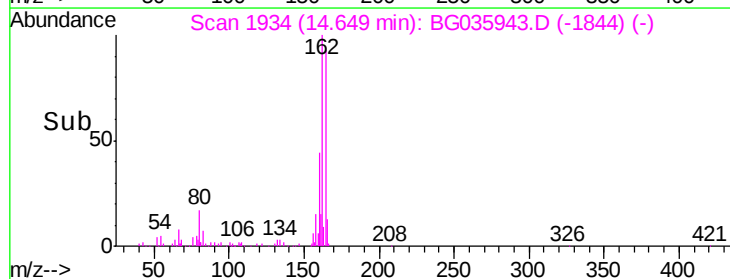
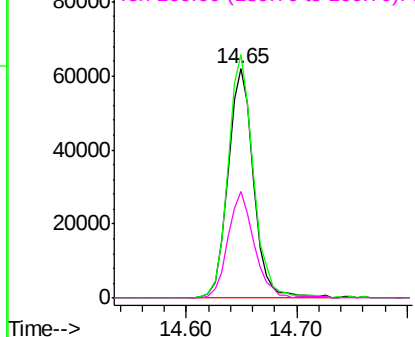
Lab File: BG035943.D

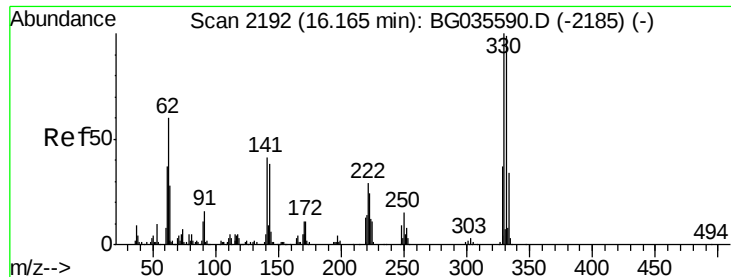
Acq: 27 Jul 2018 18:42

Tgt Ion:	164	Resp:	100336
Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	46.3	35.4	53.0



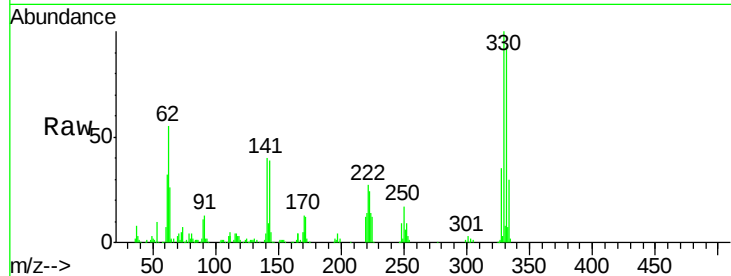
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



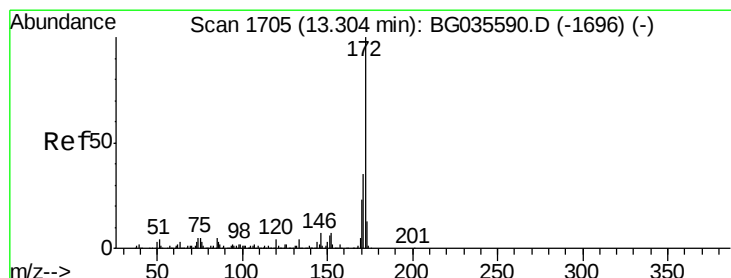
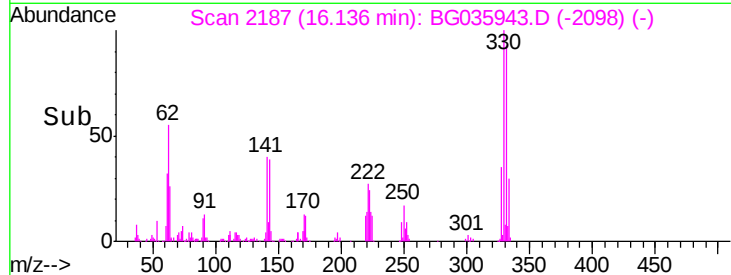
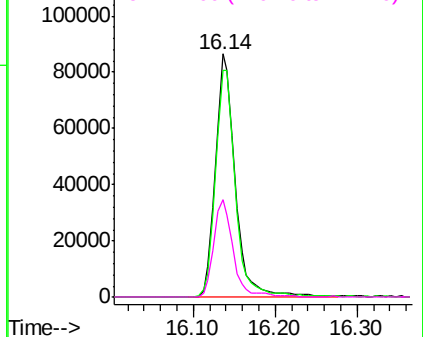


#41
 2,4,6-Tribromophenol
 Concen: 110.868 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035943.D
 Acq: 27 Jul 2018 18:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	39.3	25.2	37.8#

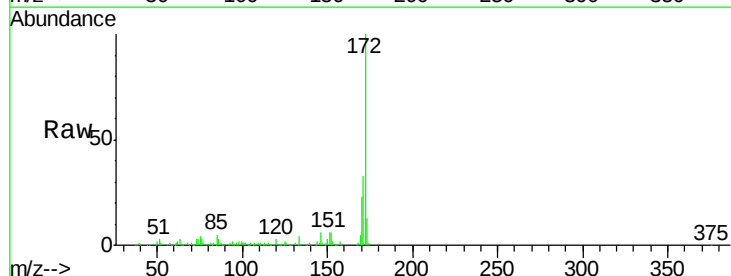


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

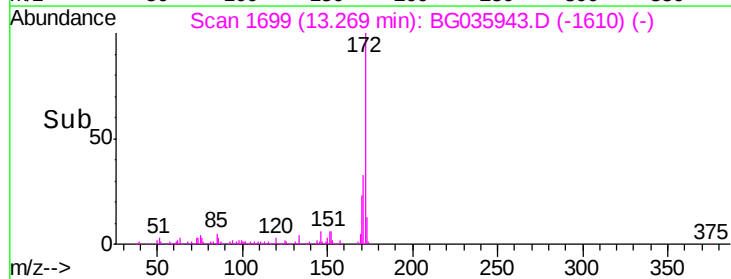
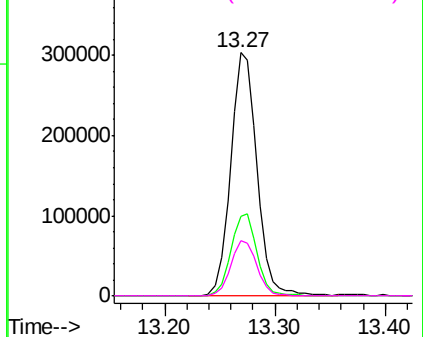


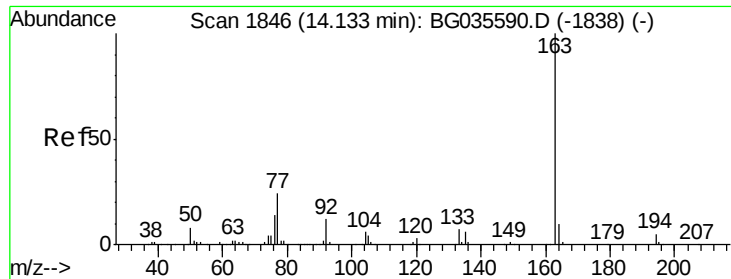
#44
 2-Fluorobiphenyl
 Concen: 67.758 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035943.D
 Acq: 27 Jul 2018 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.7	30.0	45.0
170	23.0	19.5	29.3



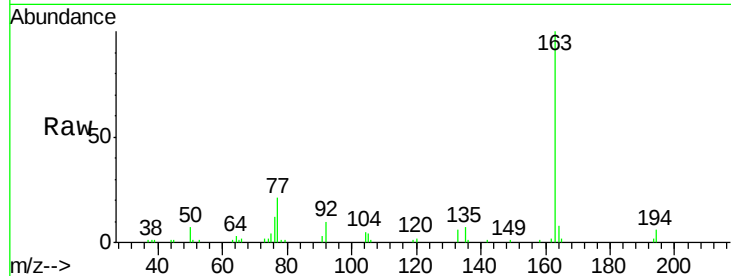
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



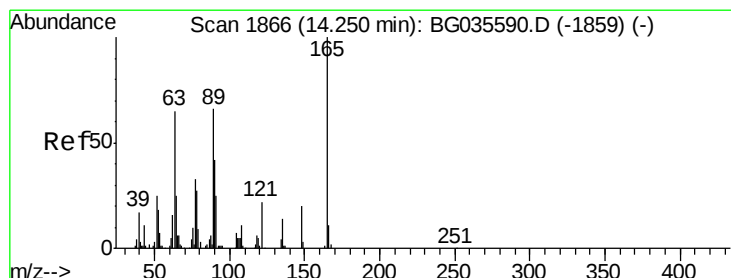
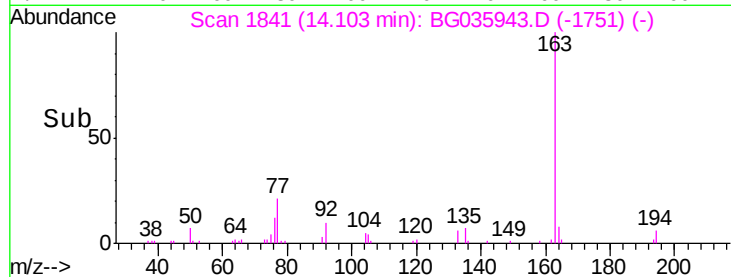
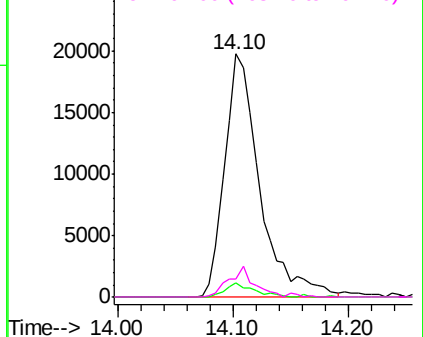


#49
Dimethylphthalate
Concen: 4.752 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035943.D
Acq: 27 Jul 2018 18:42

Tgt Ion:163 Resp: 41771
Ion Ratio Lower Upper
163 100
194 6.1 3.4 5.2#
164 7.8 8.2 12.4#

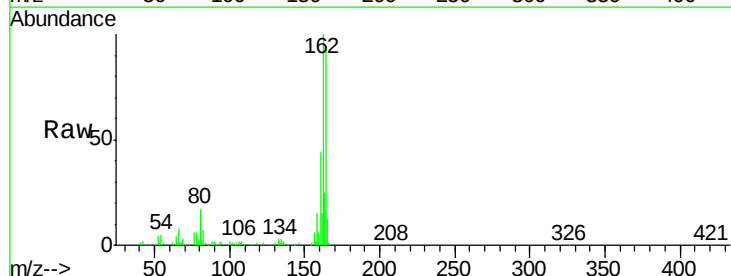


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

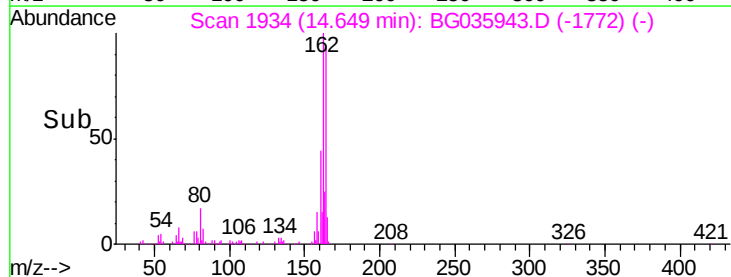
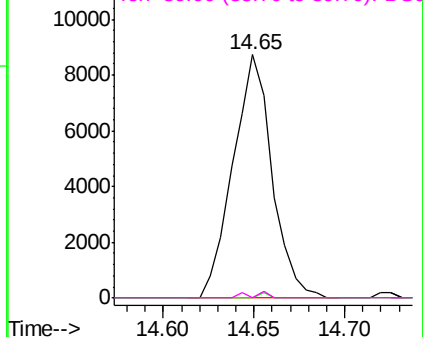


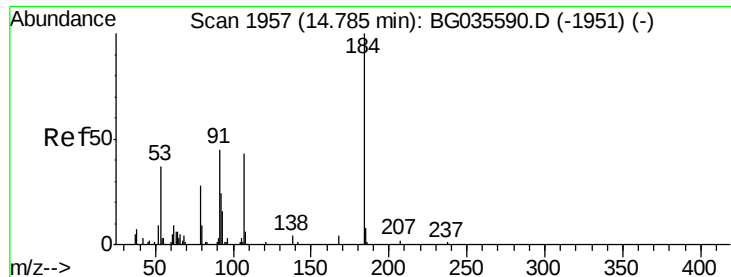
#50
2,6-Dinitrotoluene
Concen: 7.293 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035943.D
Acq: 27 Jul 2018 18:42

Tgt Ion:165 Resp: 13055
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



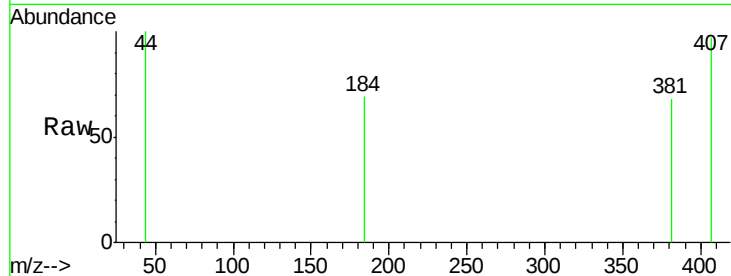
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





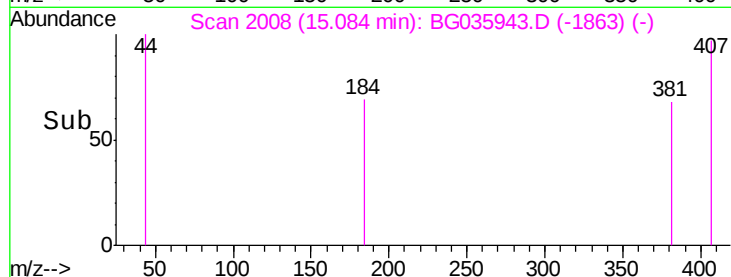
#53
 2,4-Dinitrophenol
 Concen: 6.640 ng
 RT: 15.08 min Scan# 2008
 Delta R.T. 0.32 min
 Lab File: BG035943.D
 Acq: 27 Jul 2018 18:42

Tgt Ion:184 Resp: 58
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

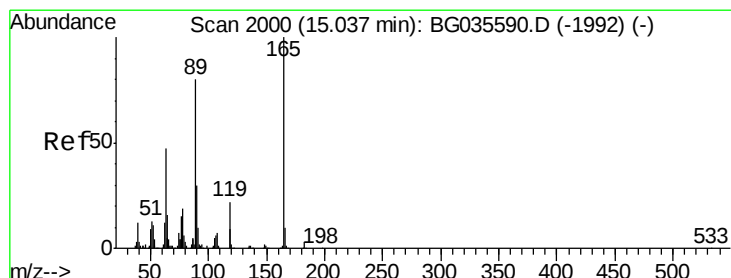


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

15.08

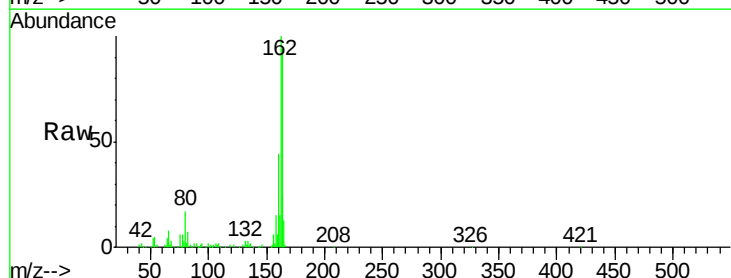


Time-->



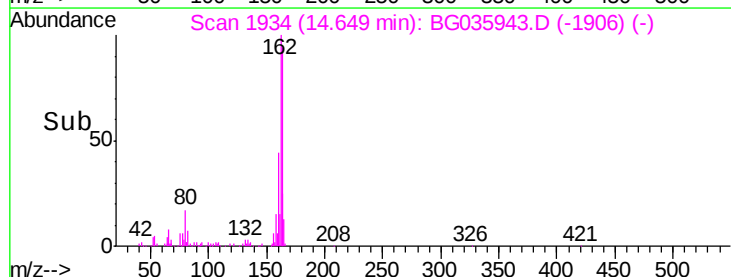
#56
 2,4-Dinitrotoluene
 Concen: 5.083 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035943.D
 Acq: 27 Jul 2018 18:42

Tgt Ion:165 Resp: 13055
 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#

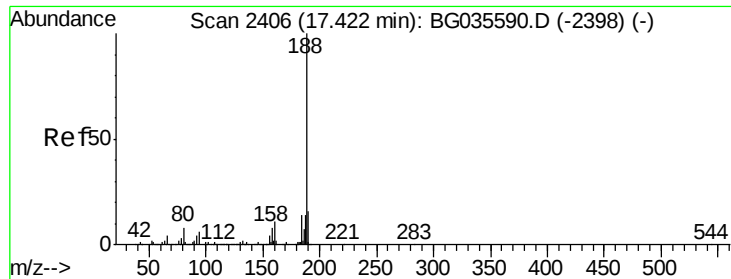


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

14.65



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

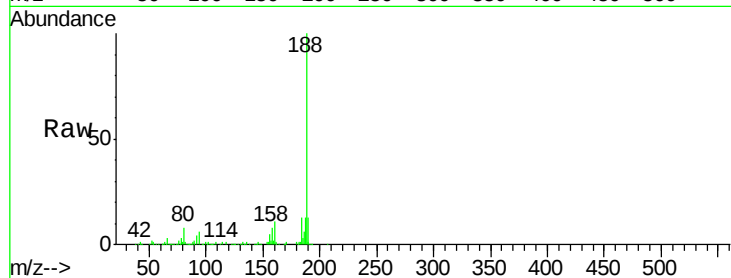
RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

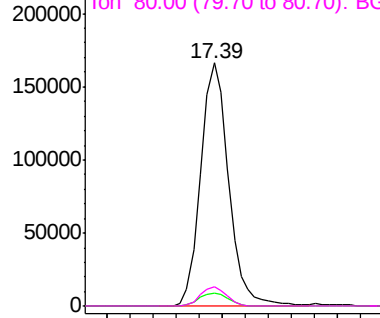
Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

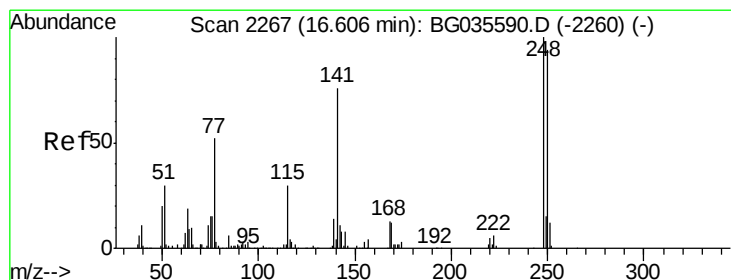
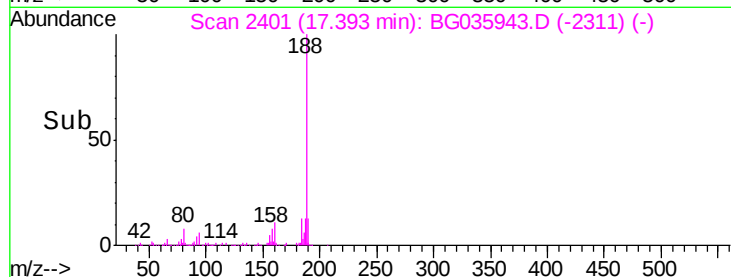
Tgt Ion:	188	Resp:	280945
Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	8.3	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E



Time--> 17.30 17.40 17.50



#66

4-Bromophenyl-phenylether

Concen: 3.550 ng

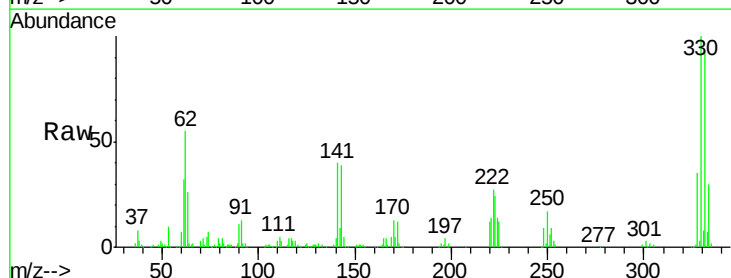
RT: 16.14 min Scan# 2187

Delta R.T. -0.45 min

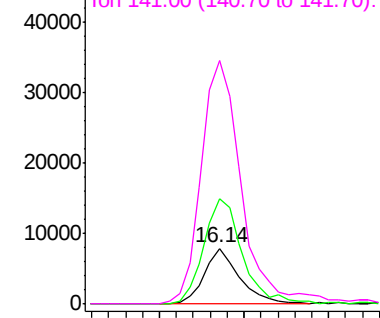
Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

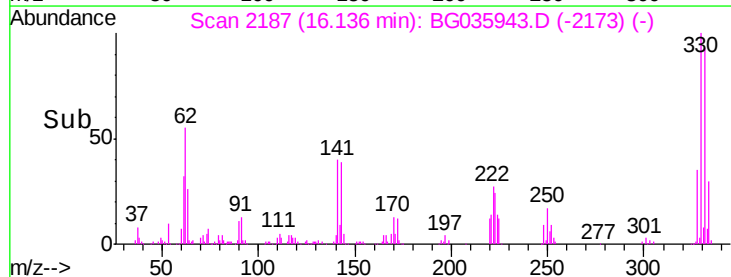
Tgt Ion:	248	Resp:	11570
Ion	Ratio	Lower	Upper
248	100		
250	189.0	77.1	115.7#
141	436.2	50.8	76.2#

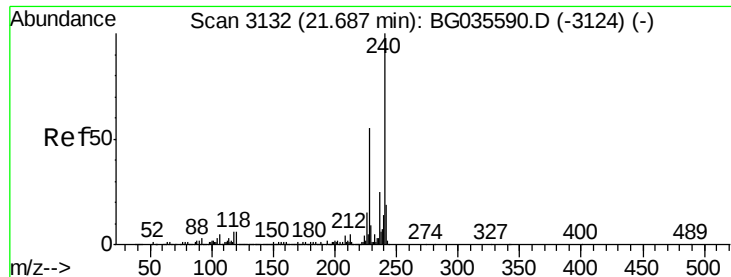


Abundance Ion 248.00 (247.70 to 248.70): E



Time--> 16.10 16.15 16.20





#75

Chrysene-d12

Concen: 20.000 ng

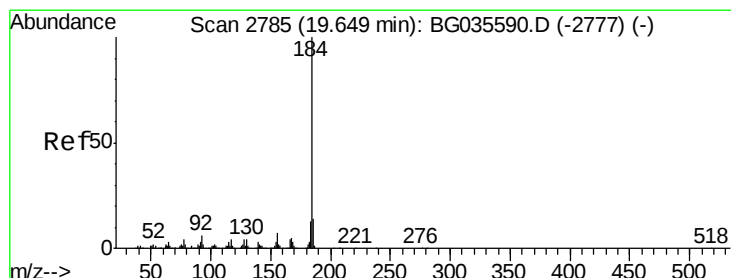
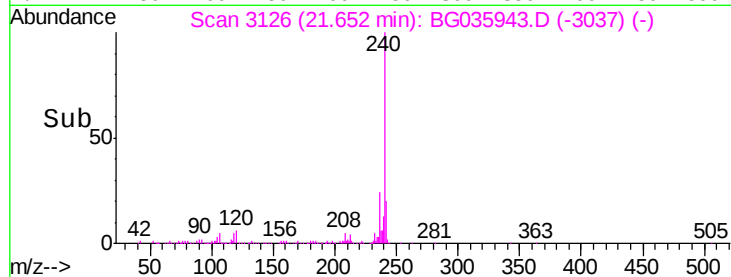
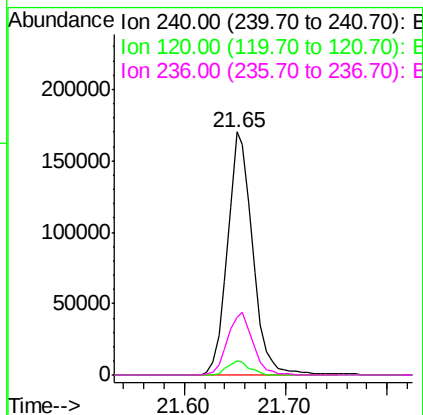
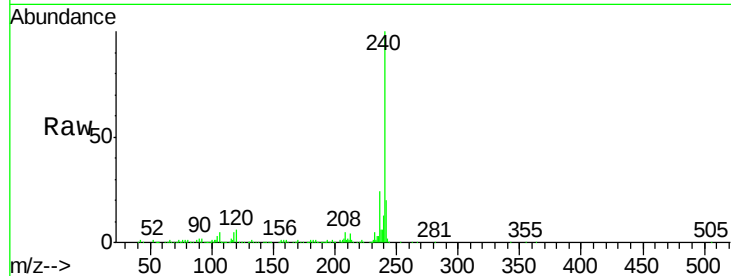
RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

Tgt Ion:	240	Resp:	293648
Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	24.1	20.9	31.3



#76

Benzidine

Concen: 2.098 ng

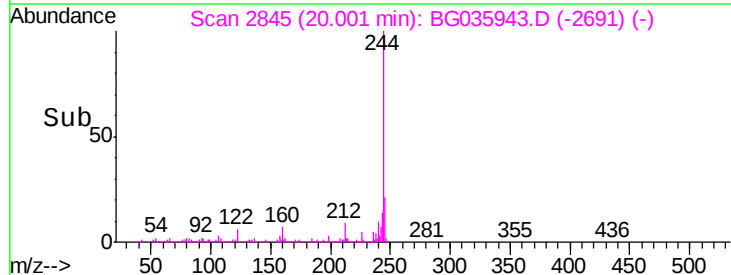
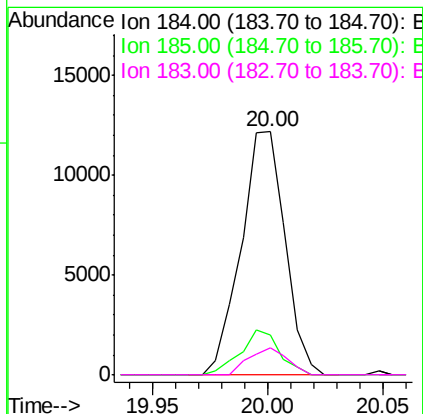
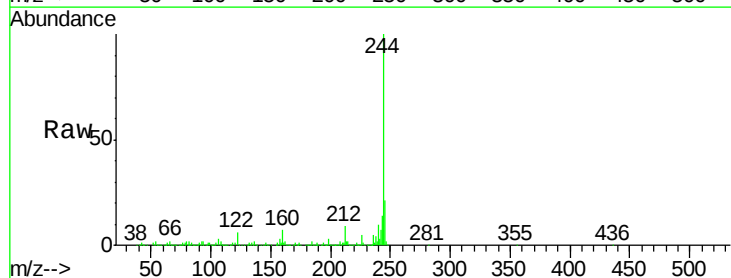
RT: 20.00 min Scan# 2845

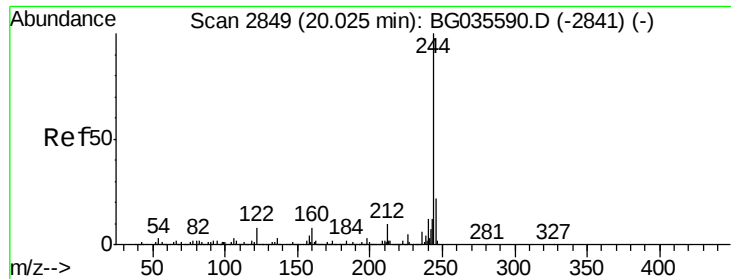
Delta R.T. 0.37 min

Lab File: BG035943.D

Acq: 27 Jul 2018 18:42

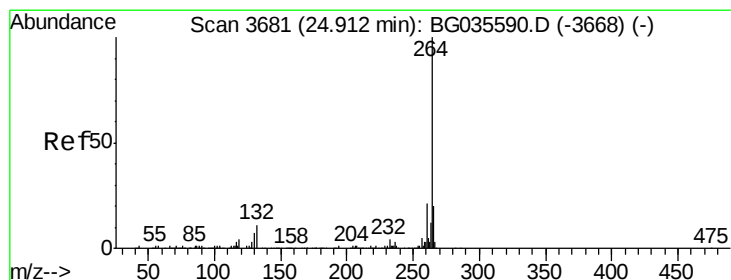
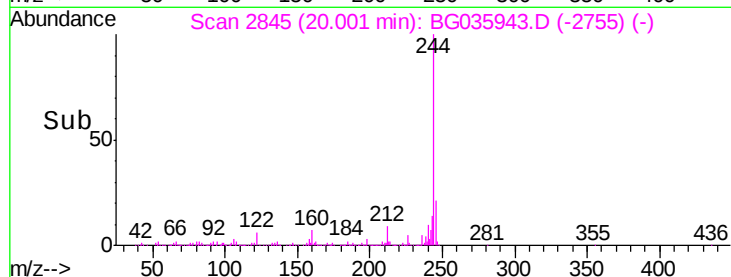
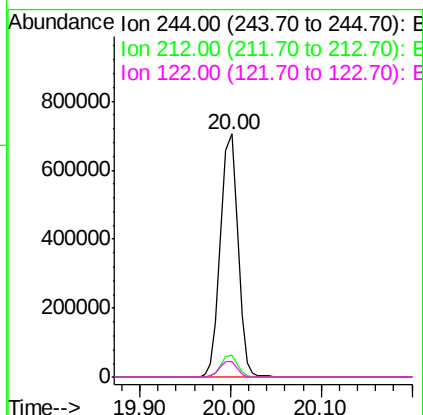
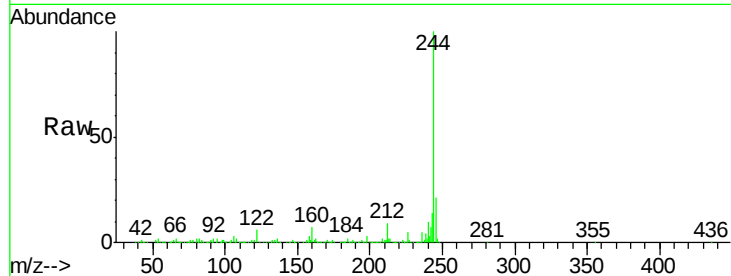
Tgt Ion:	184	Resp:	16194
Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.1	16.7
183	11.5	10.6	16.0





#78
 Terphenyl-d14
 Concen: 71.298 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035943.D
 Acq: 27 Jul 2018 18:42

Tgt Ion:244 Resp: 949802
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 6.4 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035943.D
 Acq: 27 Jul 2018 18:42

Tgt Ion:264 Resp: 278906
 Ion Ratio Lower Upper
 264 100
 260 26.2 17.4 26.0#
 265 18.8 17.7 26.5

