

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043883.D
 Acq On : 3 Jan 2020 11:33
 Operator : JU
 Sample : PB125861BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

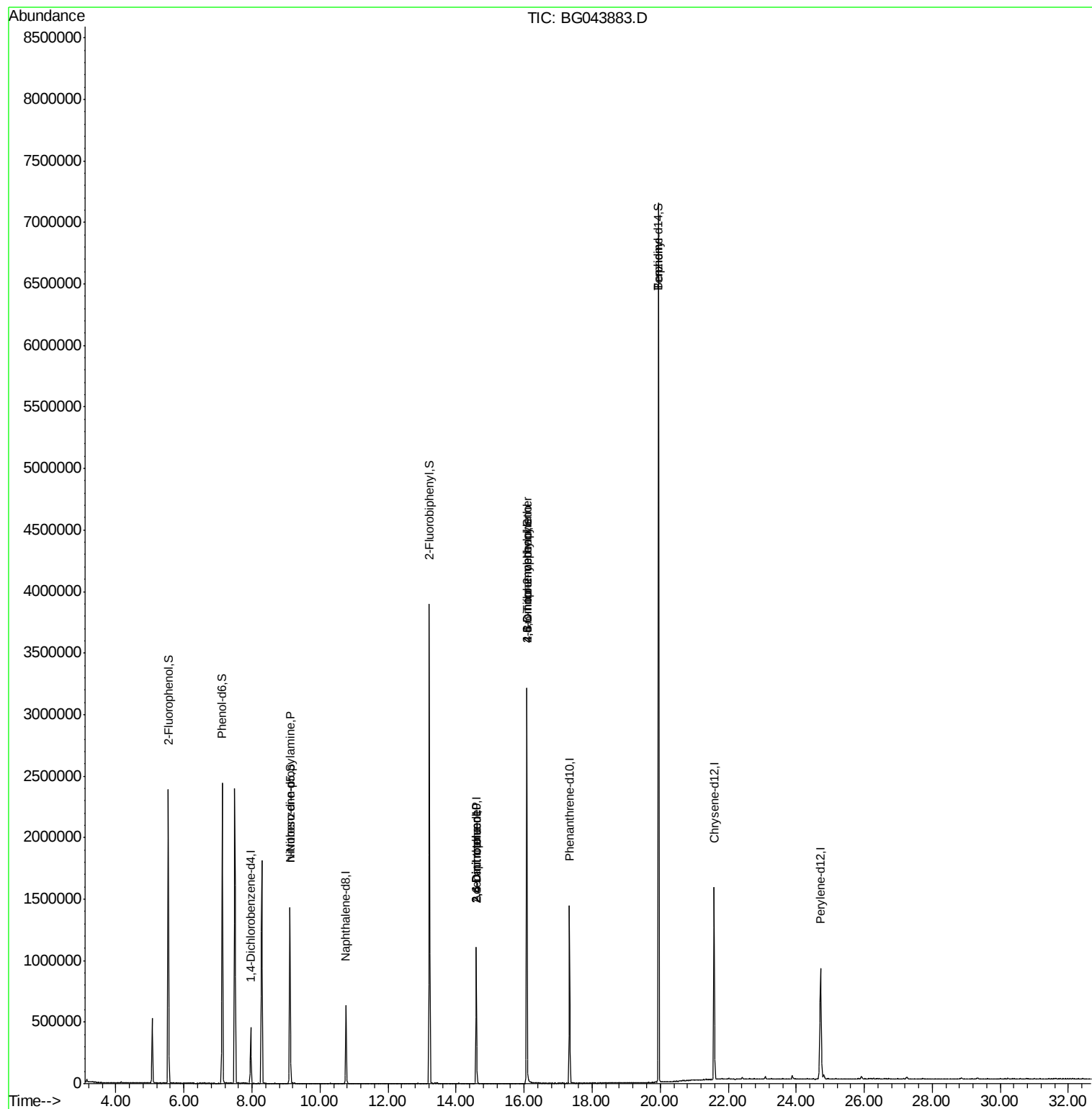
Quant Time: Jan 03 12:49:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

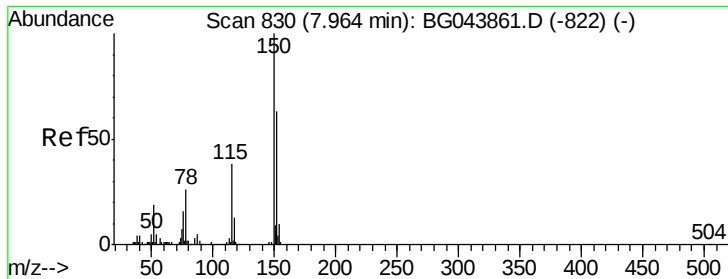
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134772	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	572795	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	376841	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	890141	20.00	ng	0.00
76) Chrysene-d12	21.58	240	830138	20.00	ng	0.00
87) Perylene-d12	24.72	264	919478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1070262	145.81	ng	0.00
7) Phenol-d6	7.12	99	1487094	144.94	ng	0.00
23) Nitrobenzene-d5	9.12	82	881501	82.33	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	559631	141.91	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1917409	92.18	ng	0.00
79) Terphenyl-d14	19.95	244	2879240	83.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.12	70	115990	15.180	ng	# 80
51) 2,6-Dinitrotoluene	14.59	165	49753	8.227	ng	# 26
54) 2,4-Dinitrophenol	14.59	184	56	5.500	ng	# 1
57) 2,4-Dinitrotoluene	14.59	165	49753	6.046	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.08	198	2128	4.811	ng	# 1
67) 4-Bromophenyl-phenylether	16.08	248	40883	4.084	ng	# 1
77) Benzidine	19.95	184	65153	3.122	ng	# 92

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

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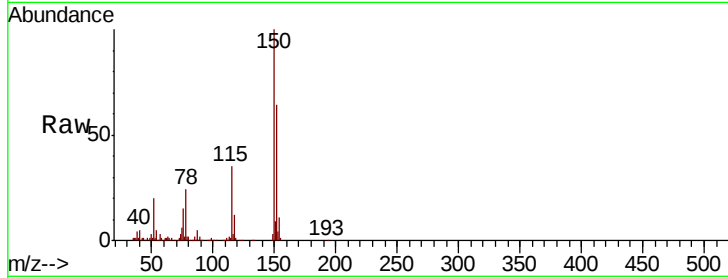




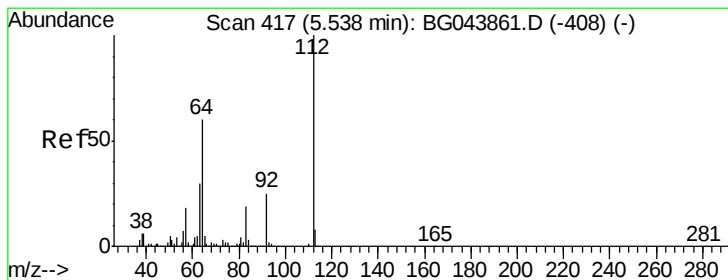
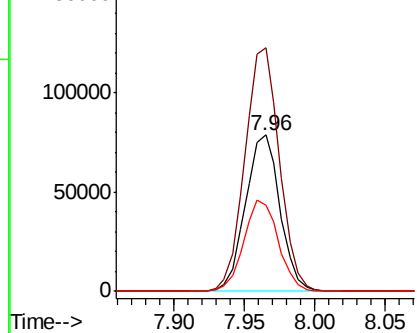
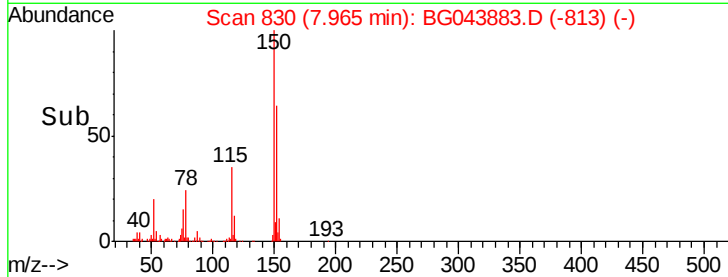
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.0	190.4
115	54.9	47.8	71.8



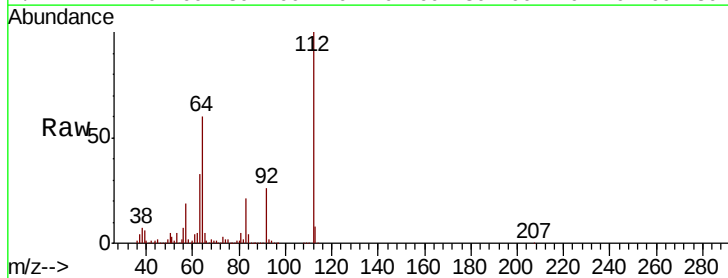
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



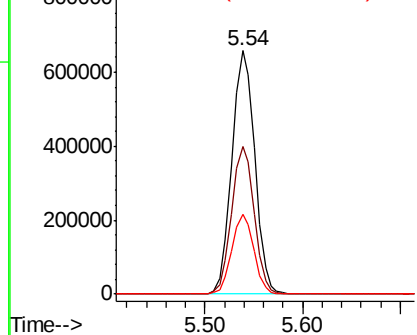
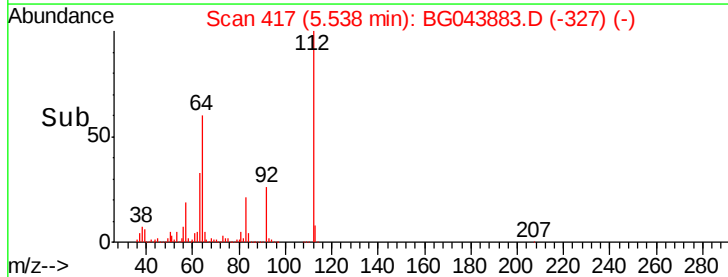
#5

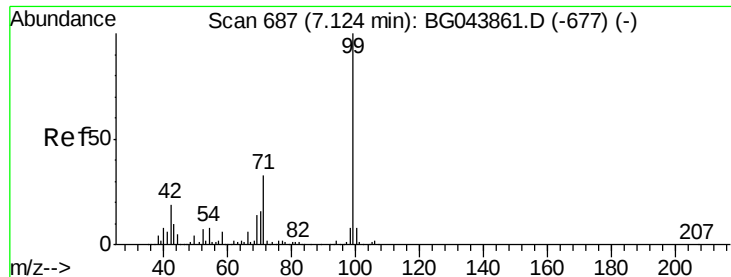
2-Fluorophenol
Concen: 145.811 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.8	71.6
63	32.9	24.3	36.5



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: 144.940 ng

RT: 7.12 min Scan# 687

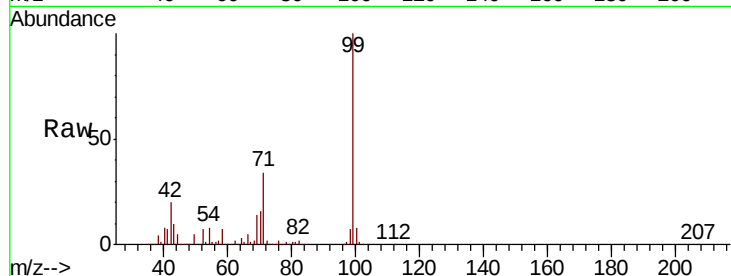
Delta R.T. 0.00 min

Lab File: BG043883.D

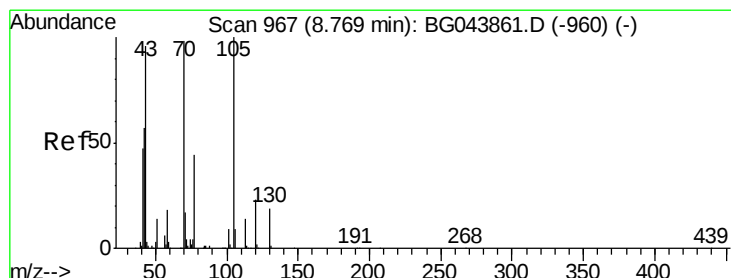
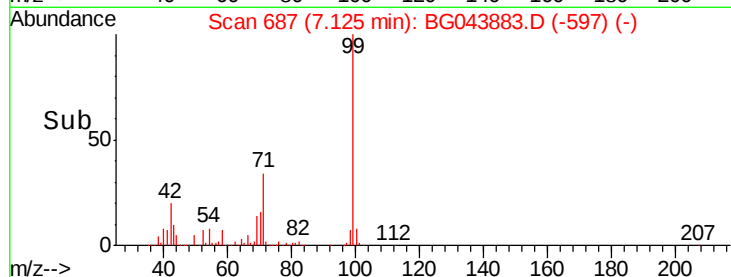
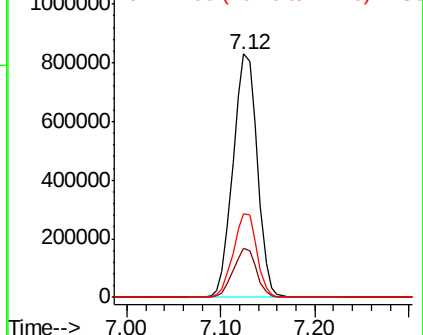
Acq: 3 Jan 2020 11:33

Tot Ion: 99 Resp: 1487094

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.9	22.3
71	34.2	26.4	39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.180 ng

RT: 9.12 min Scan# 1026

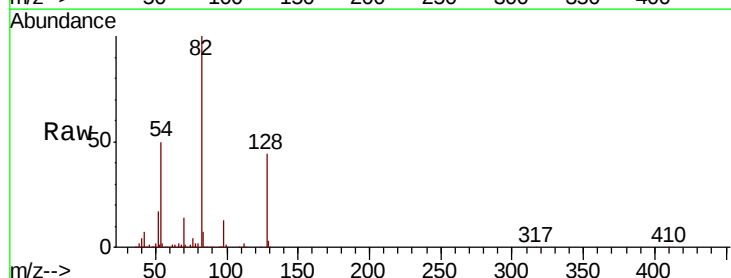
Delta R.T. 0.35 min

Lab File: BG043883.D

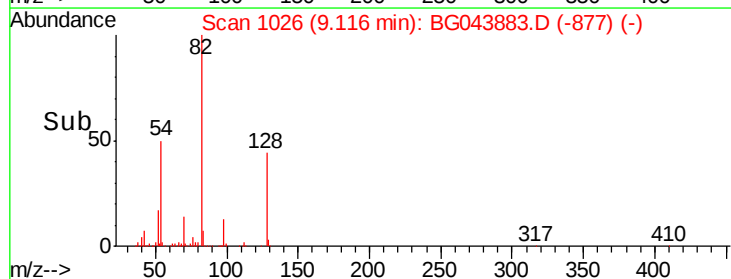
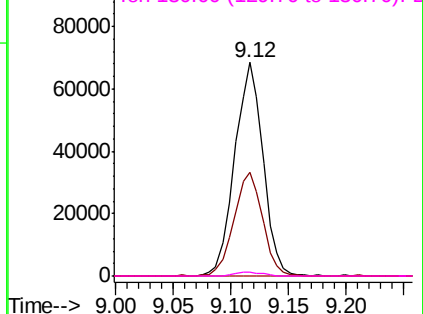
Acq: 3 Jan 2020 11:33

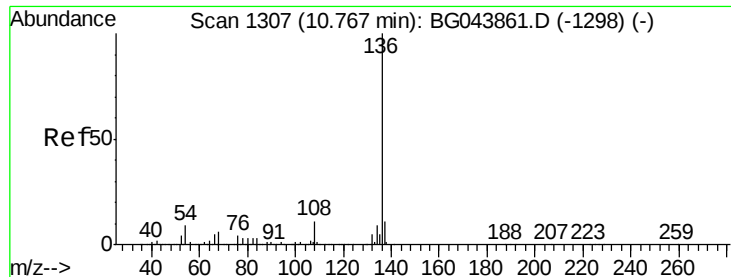
Tgt Ion: 70 Resp: 115990

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.0	70.4
101	0.0	7.2	10.8#
130	1.7	15.6	23.4#



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: 10.76 min Scan# 1306

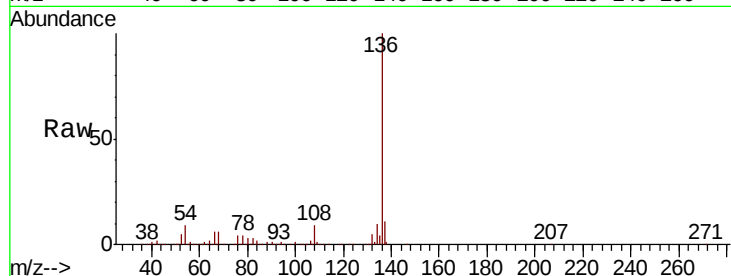
Delta R.T. -0.01 min

Lab File: BG043883.D

Acq: 3 Jan 2020 11:33

Tot Ion:136 Resp: 572795

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.8	7.0	10.4
68	6.3	4.9	7.3

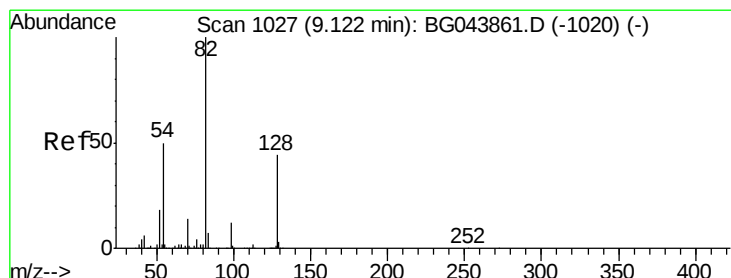
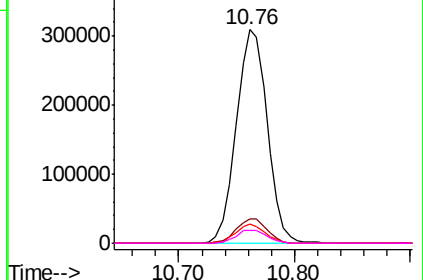
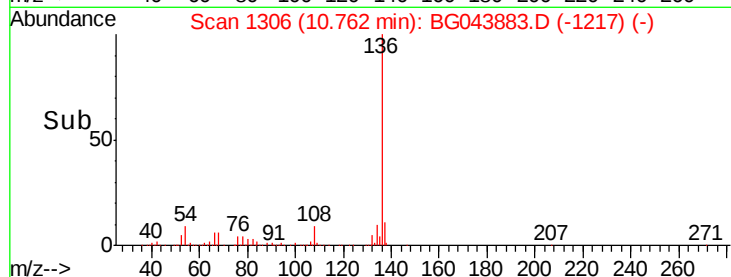


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 82.327 ng

RT: 9.12 min Scan# 1026

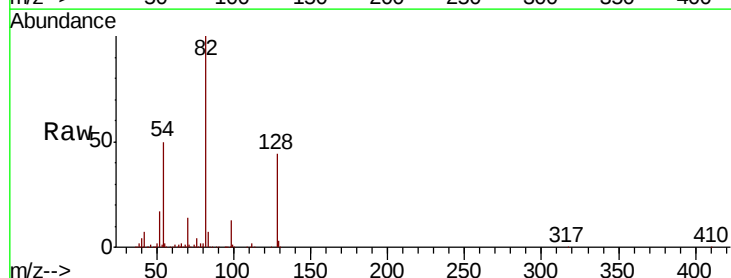
Delta R.T. -0.01 min

Lab File: BG043883.D

Acq: 3 Jan 2020 11:33

Tgt Ion: 82 Resp: 881501

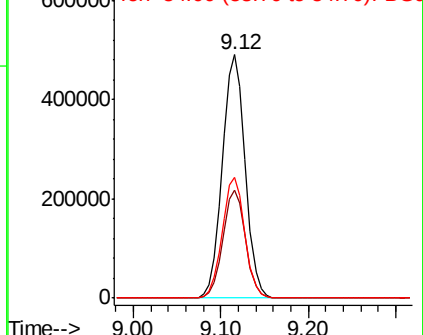
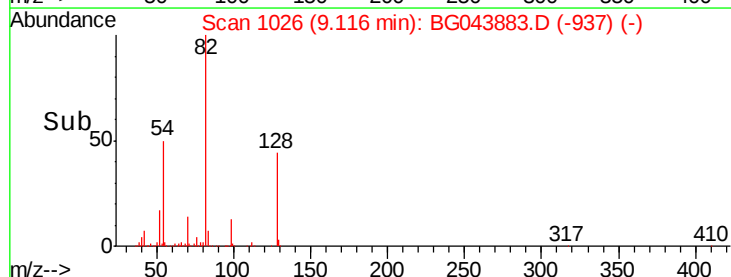
Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.1	52.7
54	49.6	40.1	60.1

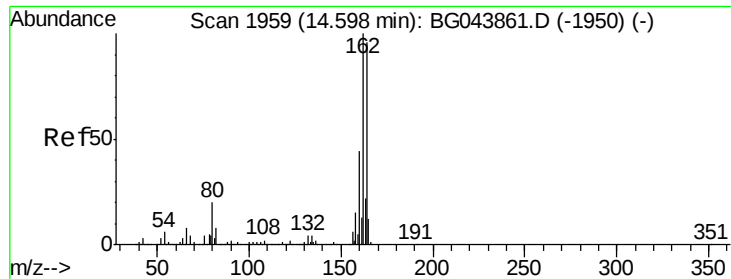


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

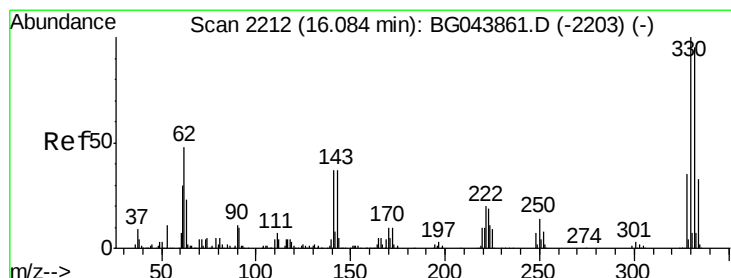
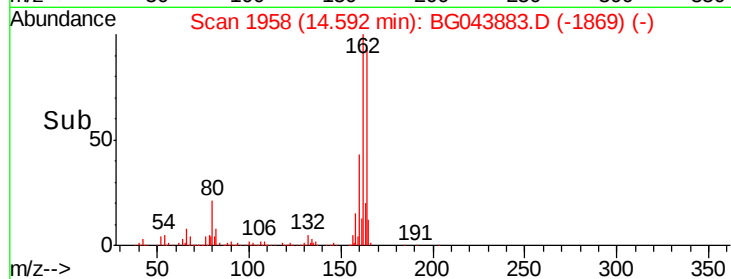
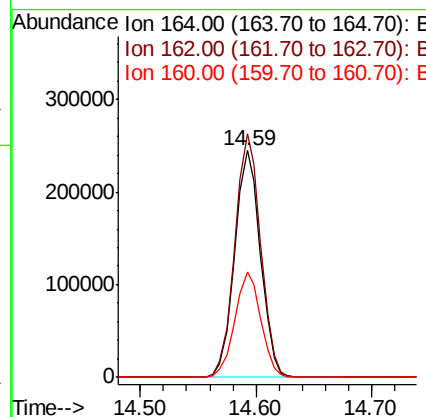
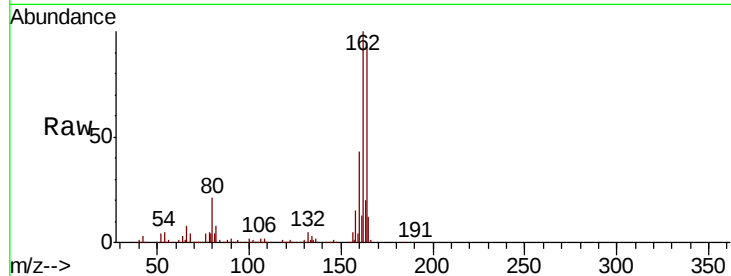
Ion 54.00 (53.70 to 54.70): BGC





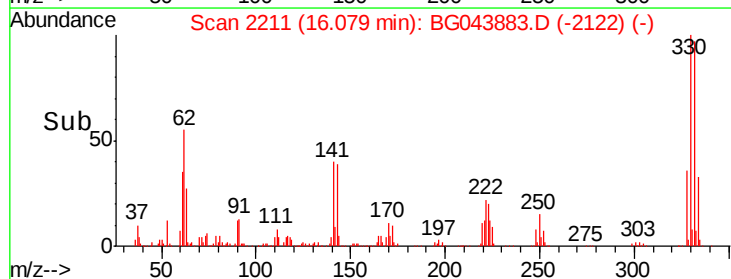
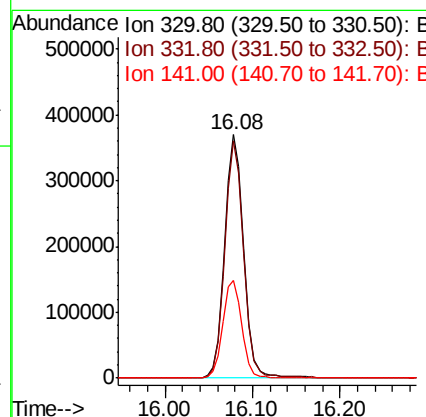
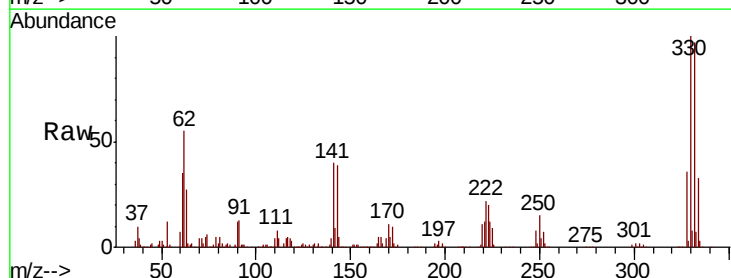
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

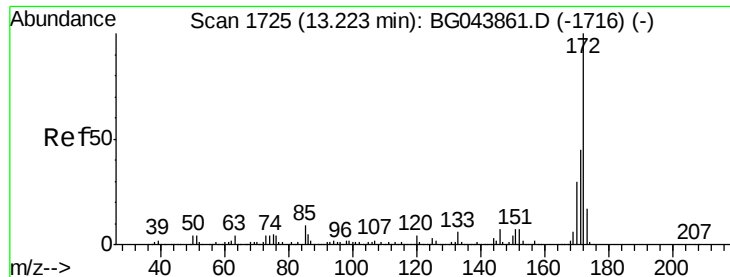
Tot Ion	Ratio	Lower	Upper
164	100		
162	107.4	83.0	124.4
160	46.7	36.1	54.1



#42
2,4,6-Tribromophenol
Concen: 141.910 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

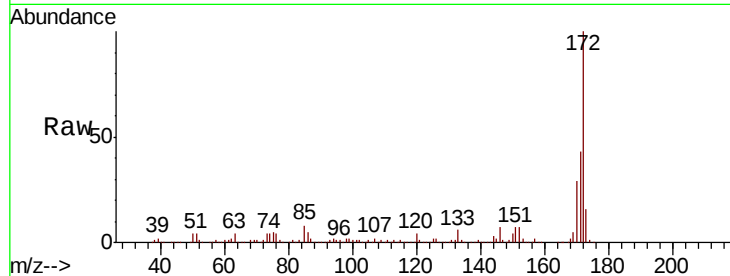
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	40.3	33.1	49.7



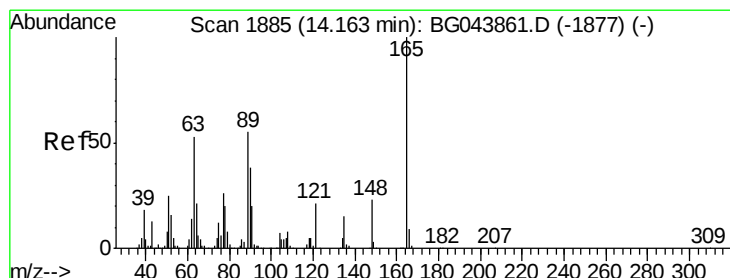
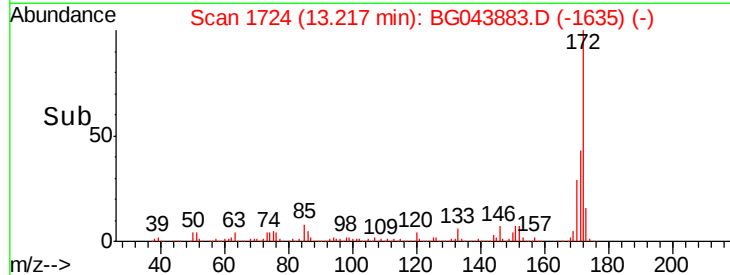
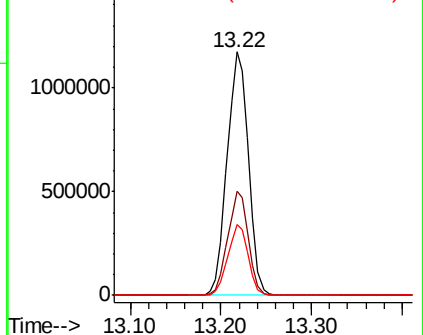


#45
 2-Fluorobiphenyl
 Concen: 92.185 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043883.D
 Acq: 3 Jan 2020 11:33

Tot Ion:	172	Resp:	1917409
Ion	Ratio	Lower	Upper
172	100		
171	42.6	35.8	53.8
170	28.9	24.2	36.4

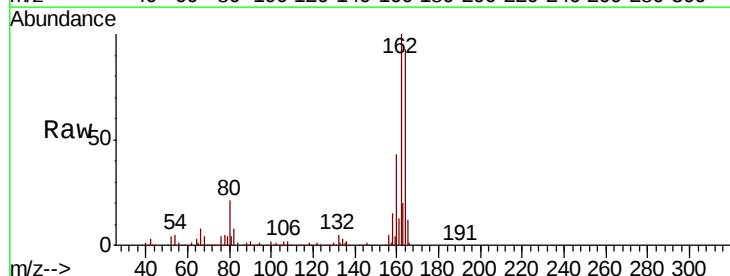


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

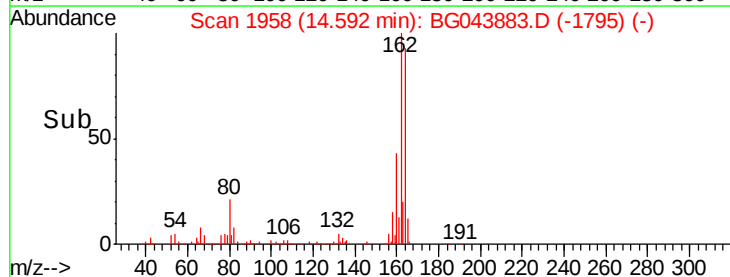
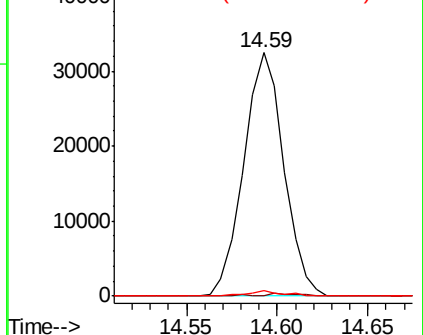


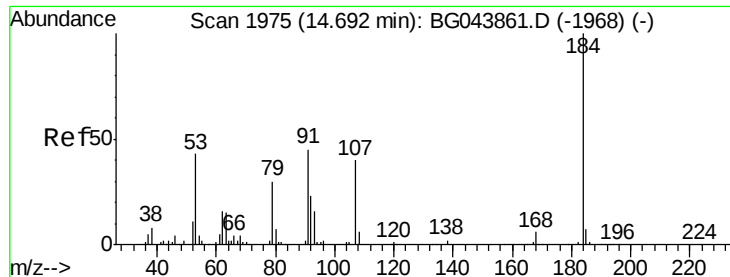
#51
 2,6-Dinitrotoluene
 Concen: 8.227 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. 0.43 min
 Lab File: BG043883.D
 Acq: 3 Jan 2020 11:33

Tgt Ion:	165	Resp:	49753
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.1	64.7#
89	2.2	43.8	65.6#



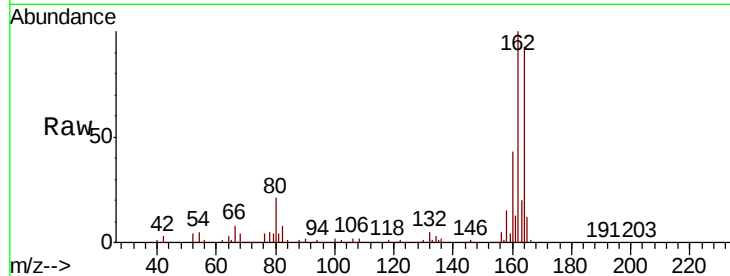
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0



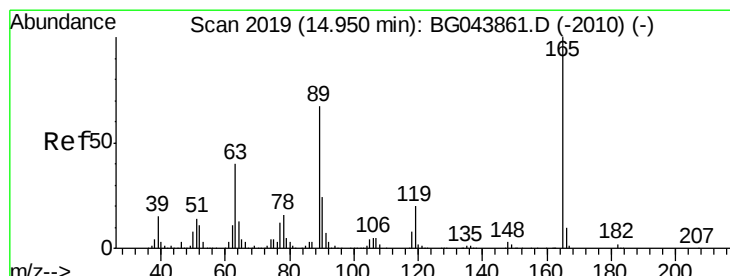
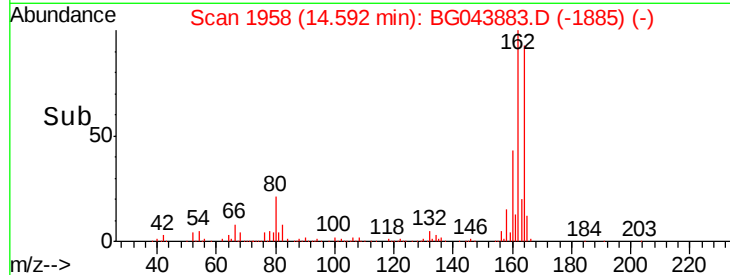
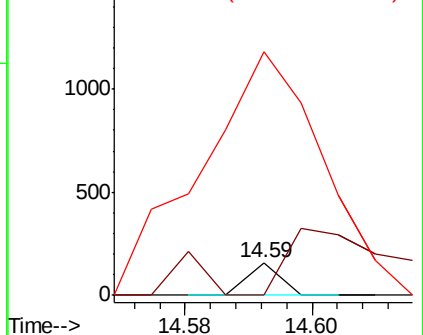


#54
2,4-Dinitrophenol
Concen: 5.500 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.10 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tot Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 46.6 70.0#
154 738.1 50.2 75.4#

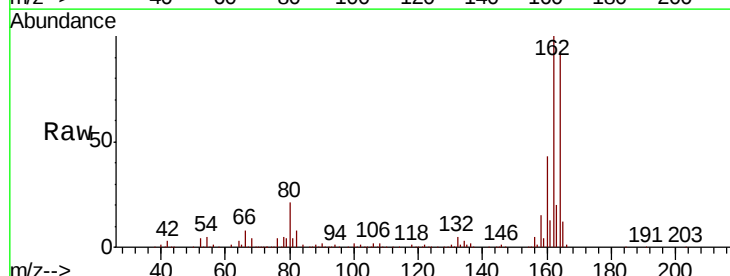


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

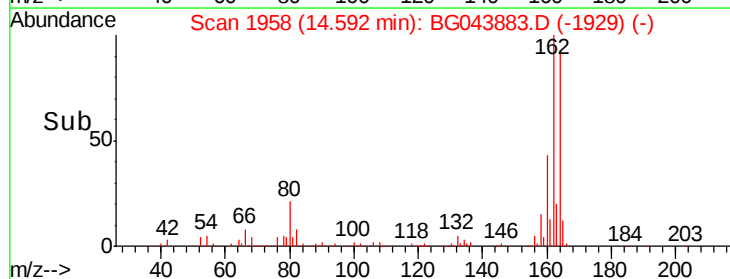
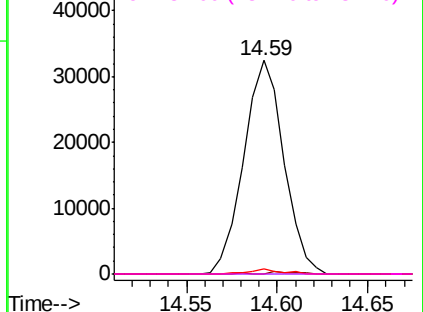


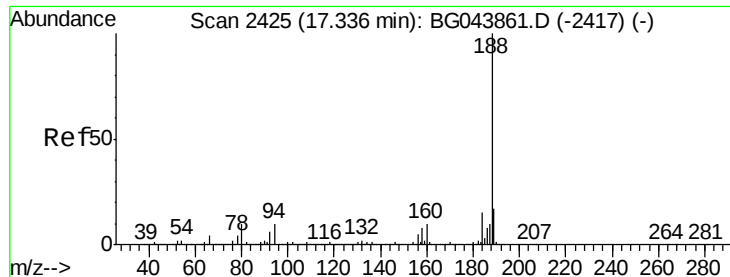
#57
2,4-Dinitrotoluene
Concen: 6.046 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.36 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tgt Ion:165 Resp: 49753
Ion Ratio Lower Upper
165 100
63 0.0 31.9 47.9#
89 2.2 53.8 80.6#
182 0.0 2.0 3.0#



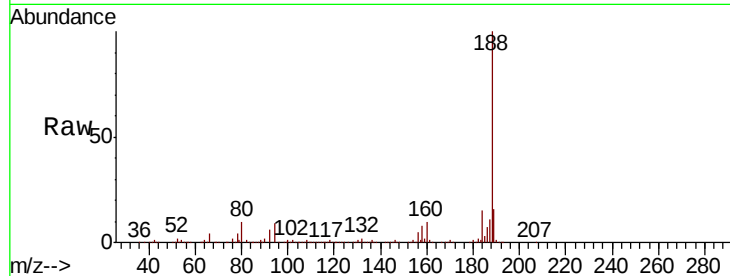
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



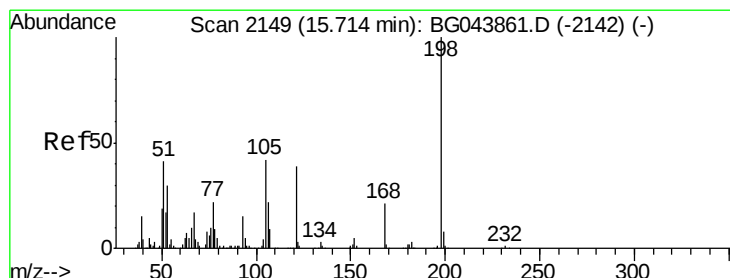
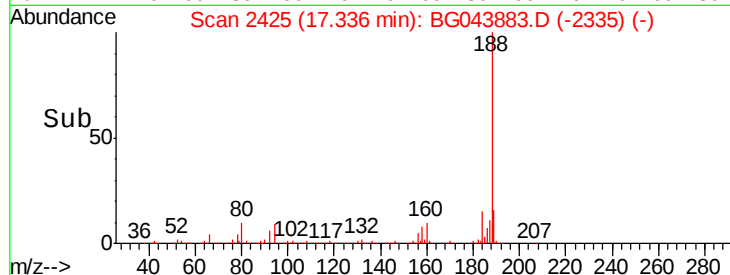
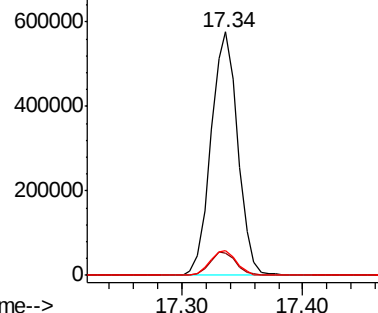


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tot Ion:188	Resp:	890141
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.9 11.9
80	10.2	8.2 12.4

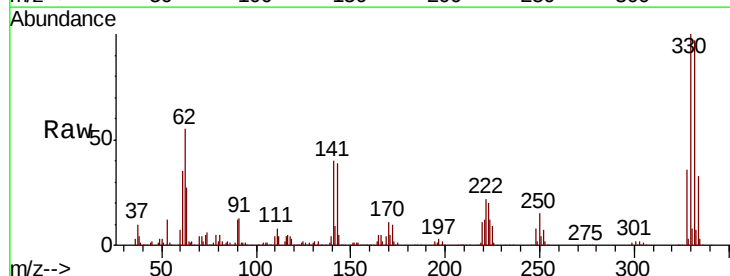


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

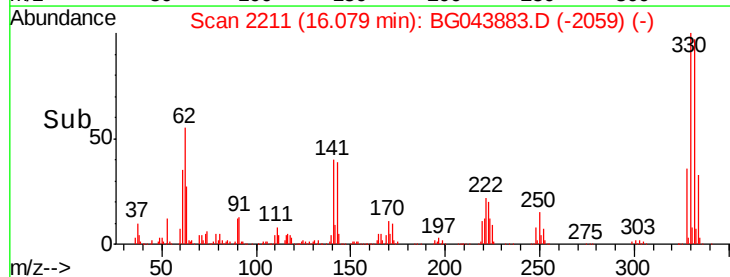
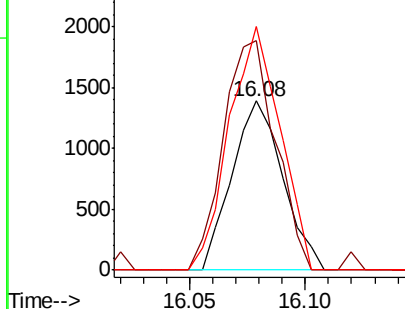


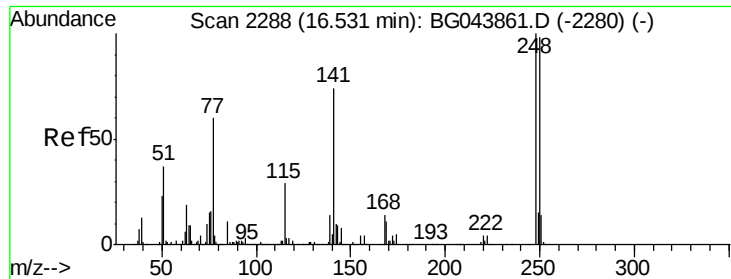
#65
4,6-Dinitro-2-methylphenol
Concen: 4.811 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.36 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tgt Ion:198	Resp:	2128
Ion Ratio	Lower	Upper
198	100	
51	136.1	22.5 62.5#
105	144.3	22.3 62.3#



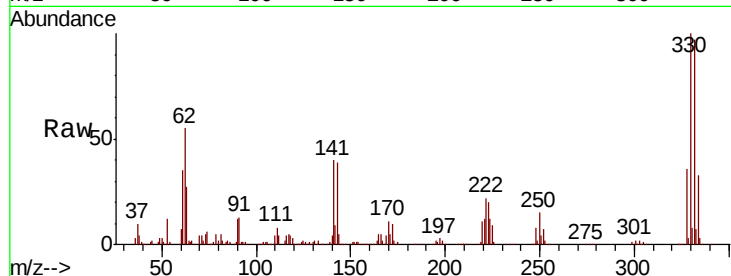
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



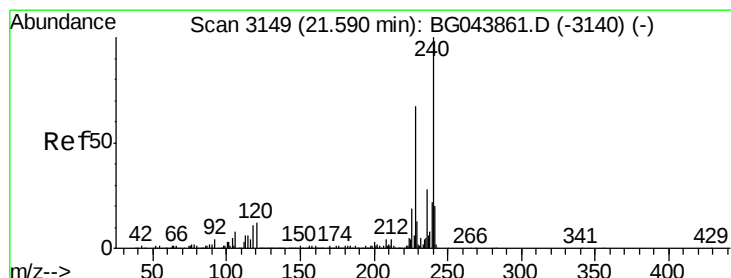
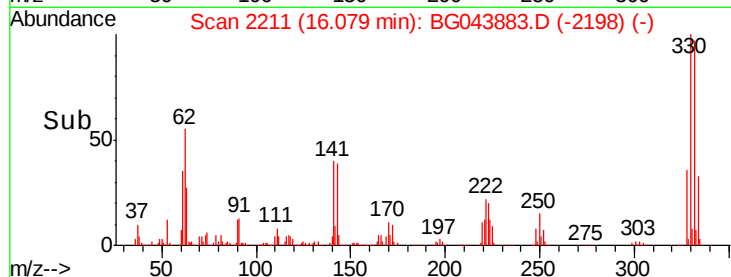
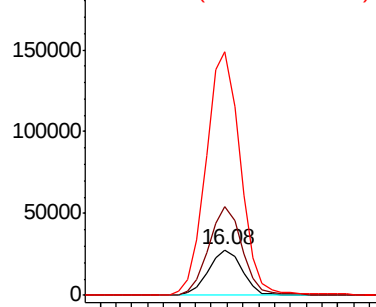


#67
4-Bromophenyl-phenylether
Concen: 4.084 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.45 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tot Ion:248 Resp: 40883
Ion Ratio Lower Upper
248 100
250 195.3 78.2 117.2#
141 534.8 59.3 88.9#

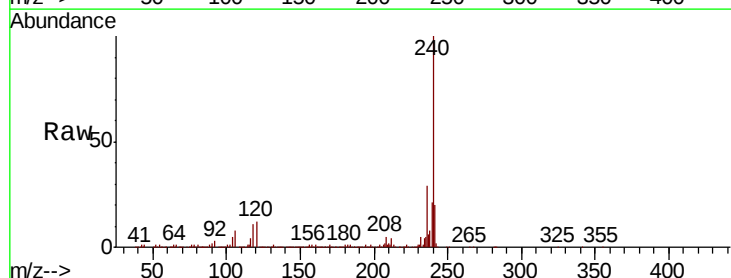


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

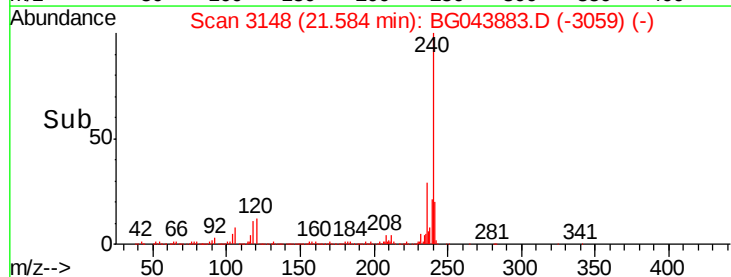
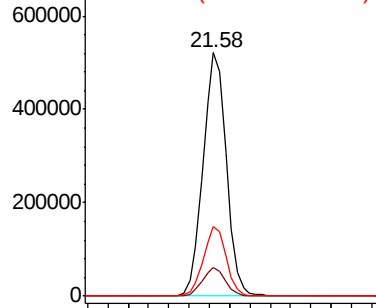


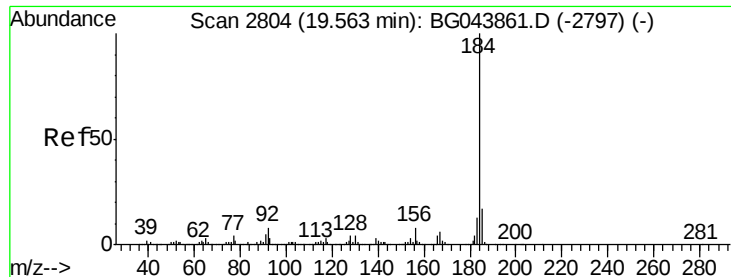
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

Tgt Ion:240 Resp: 830138
Ion Ratio Lower Upper
240 100
120 11.8 9.6 14.4
236 28.6 22.2 33.2



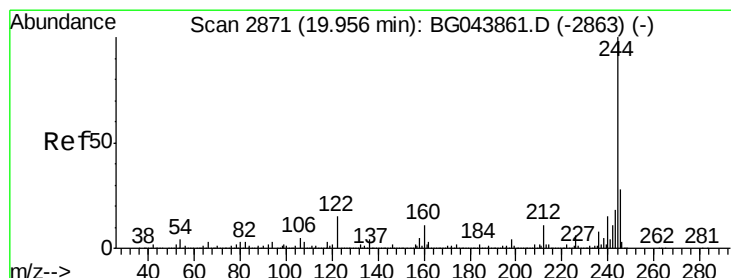
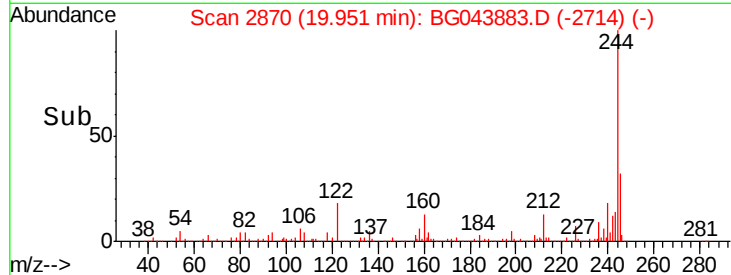
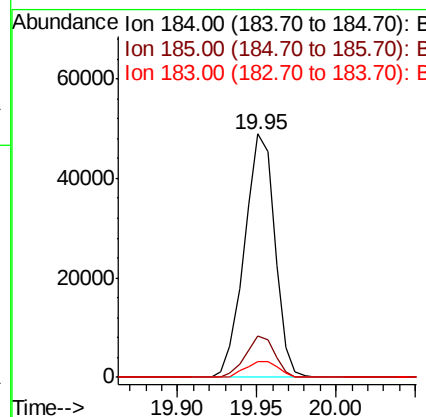
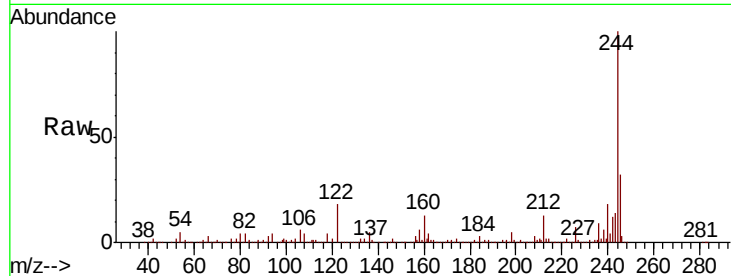
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





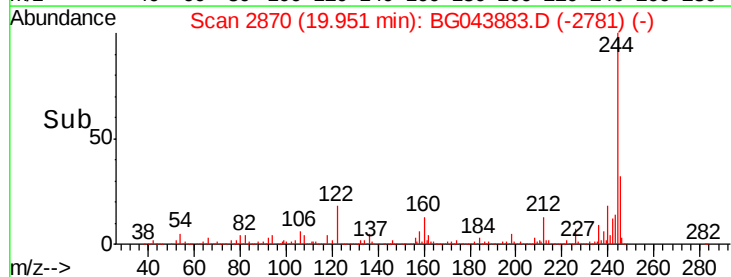
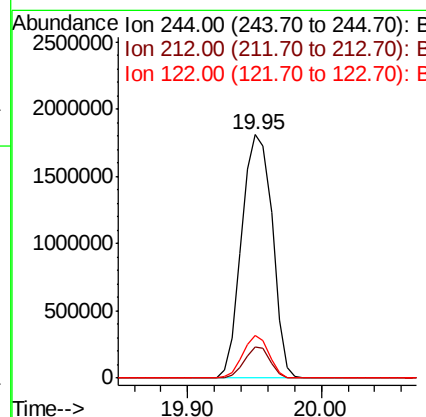
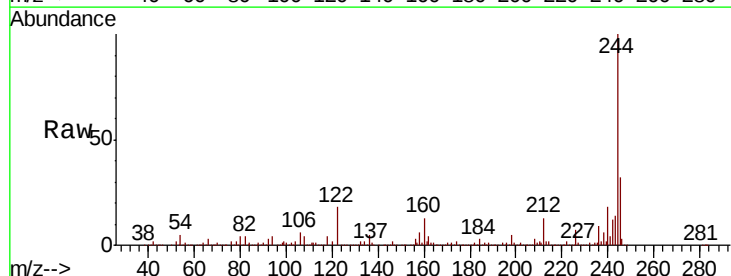
#77
Benzidine
Concen: 3.122 ng
RT: 19.95 min Scan# 2870
Delta R.T. 0.39 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

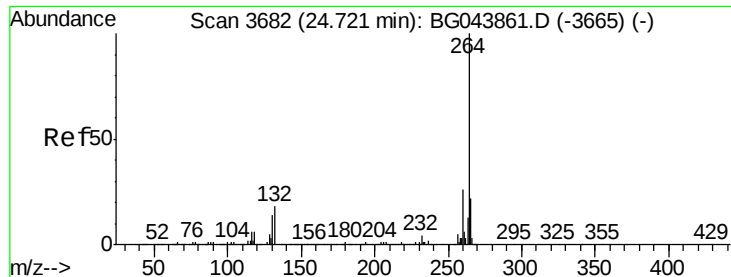
Tot Ion:184 Resp: 65153
Ion Ratio Lower Upper
184 100
185 16.8 13.4 20.0
183 6.5 10.6 15.8#



#79
Terphenyl-d14
Concen: 83.139 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG043883.D
Acq: 3 Jan 2020 11:33

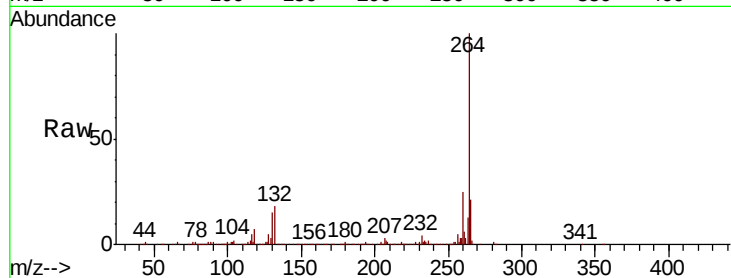
Tgt Ion:244 Resp: 2879240
Ion Ratio Lower Upper
244 100
212 12.7 8.6 13.0
122 17.7 11.9 17.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.72 min Scan# 3681
 Delta R.T. -0.01 min
 Lab File: BG043883.D
 Acq: 3 Jan 2020 11:33

Tot Ion:	264	Resp:	919478
Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	21.5	17.4	26.2



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

