

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043909.D
 Acq On : 4 Jan 2020 6:22
 Operator : JU
 Sample : PB125879BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

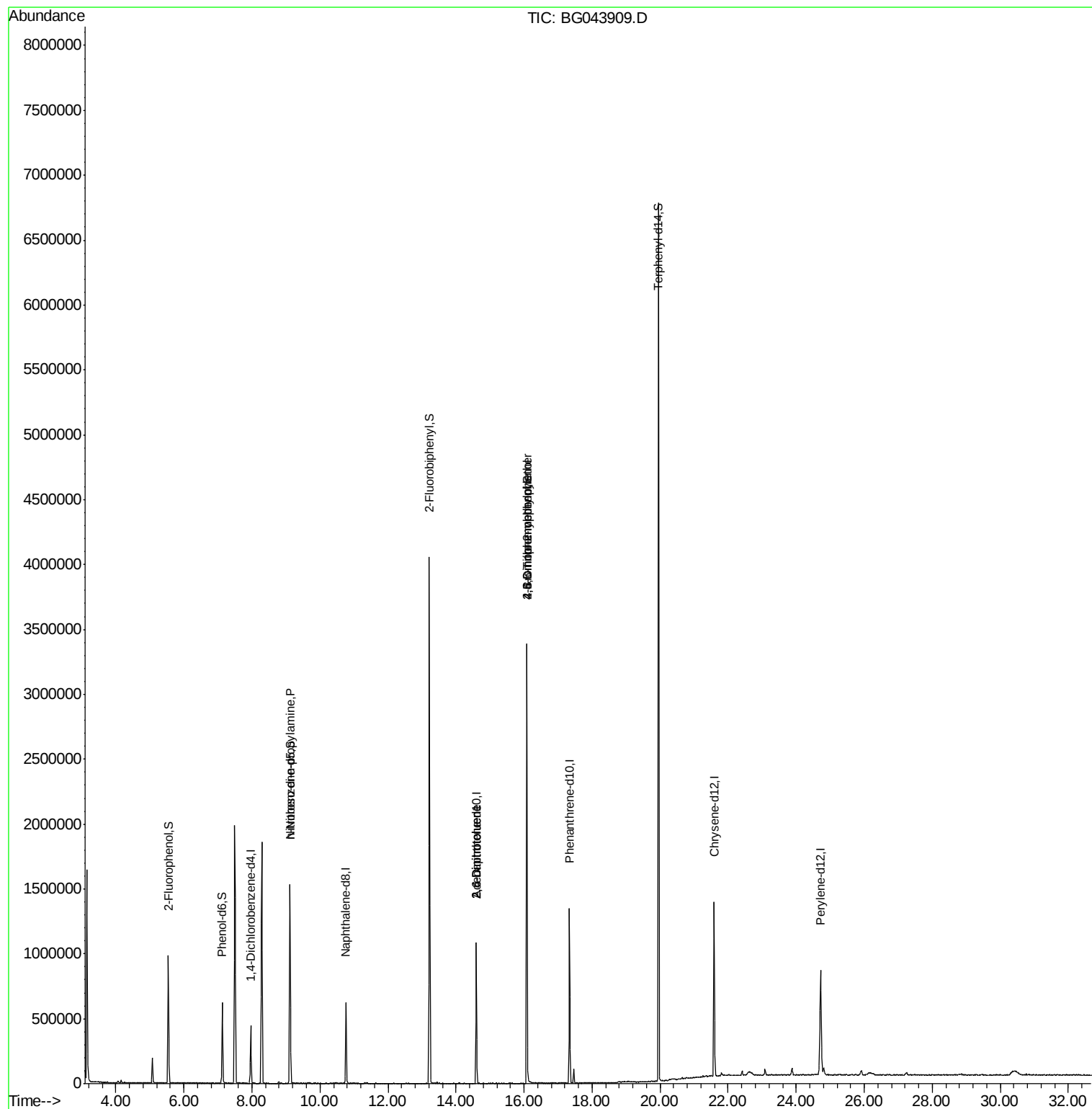
Quant Time: Jan 06 04:27:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

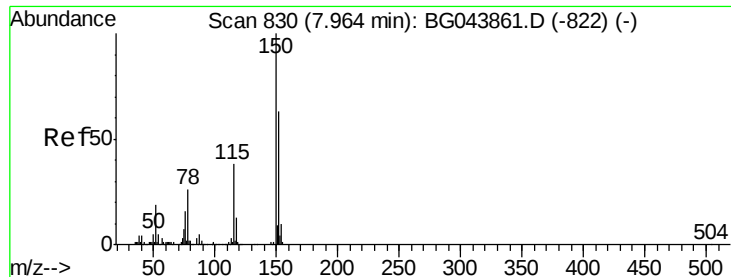
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	131653	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	549568	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	383179	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	836848	20.00	ng	0.00
76) Chrysene-d12	21.58	240	724233	20.00	ng	0.00
87) Perylene-d12	24.72	264	799869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	457446	63.80	ng	0.00
7) Phenol-d6	7.13	99	396044	39.52	ng	0.00
23) Nitrobenzene-d5	9.12	82	957314	93.19	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	602785	150.32	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2068356	97.80	ng	0.00
79) Terphenyl-d14	19.95	244	2761312	94.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.12	70	127484	17.080	ng	# 82
51) 2,6-Dinitrotoluene	14.59	165	50378	8.192	ng	# 27
57) 2,4-Dinitrotoluene	14.59	165	50378	6.021	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.08	198	2306	4.876	ng	# 1
67) 4-Bromophenyl-phenylether	16.09	248	44626	4.741	ng	# 1

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

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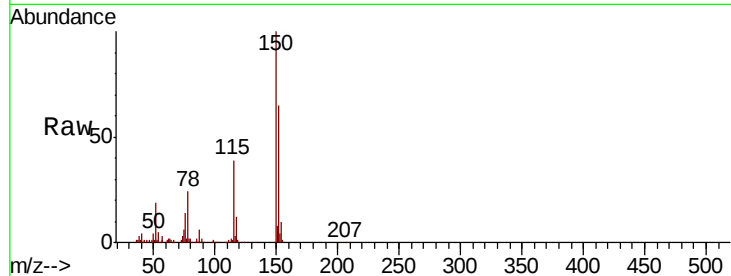




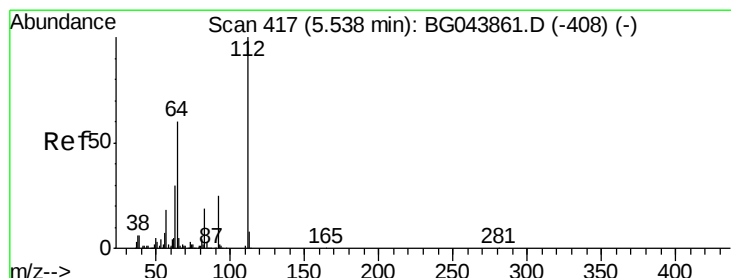
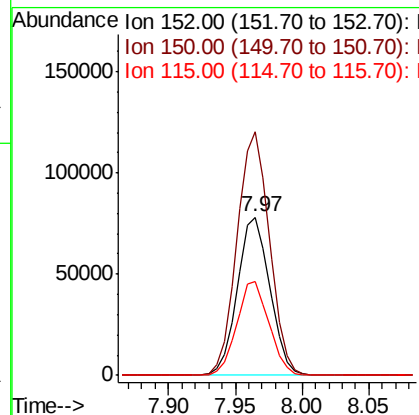
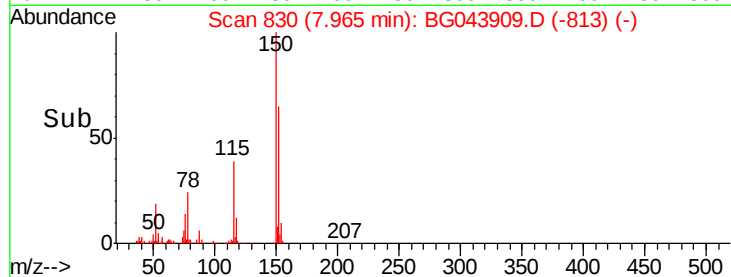
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043909.D
Acq: 4 Jan 2020 6:22

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	127.0	190.4
115	59.5	47.8	71.8



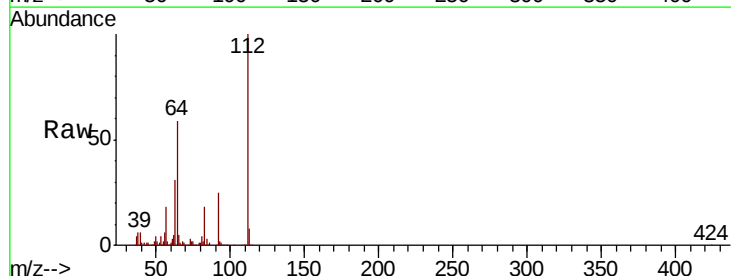
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



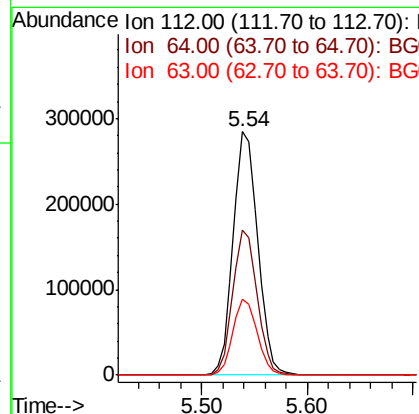
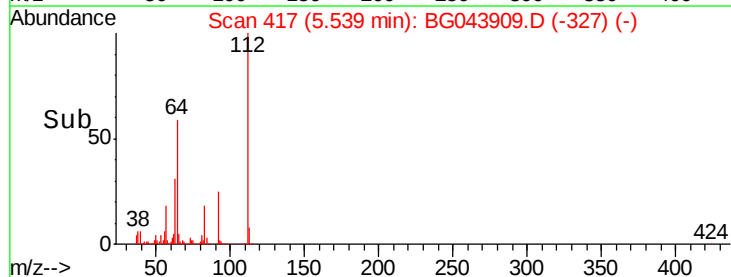
#5

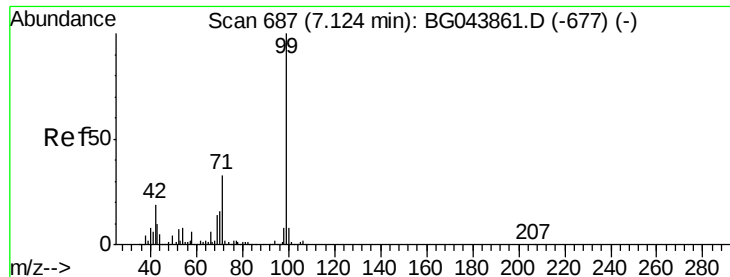
2-Fluorophenol
Concen: 63.798 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043909.D
Acq: 4 Jan 2020 6:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.8	71.6
63	31.0	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: 39.515 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043909.D

Acq: 4 Jan 2020 6:22

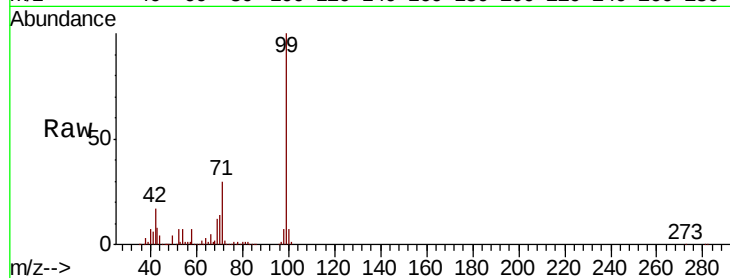
Tot Ion: 99 Resp: 396044

Ion Ratio Lower Upper

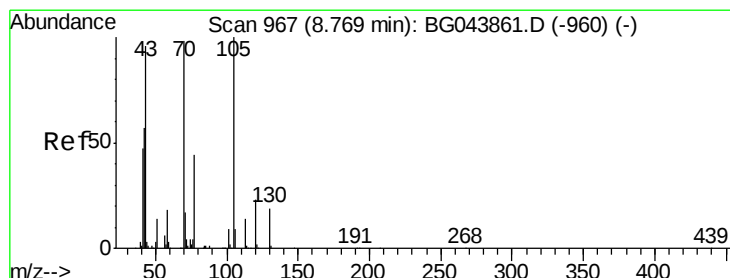
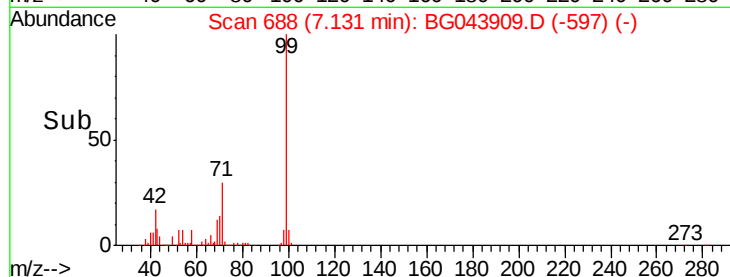
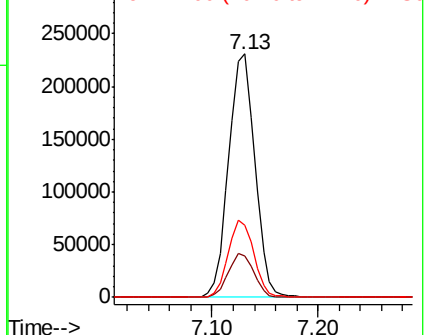
99 100

42 17.1 14.9 22.3

71 29.6 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: 17.080 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.35 min

Lab File: BG043909.D

Acq: 4 Jan 2020 6:22

Tgt Ion: 70 Resp: 127484

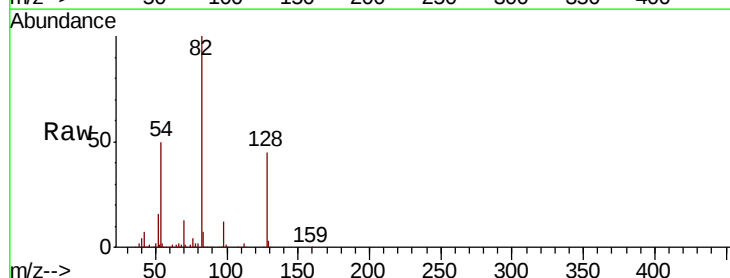
Ion Ratio Lower Upper

70 100

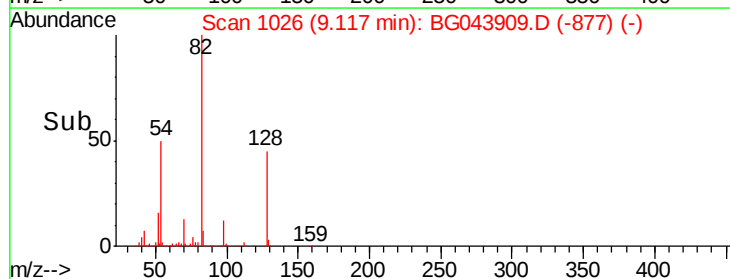
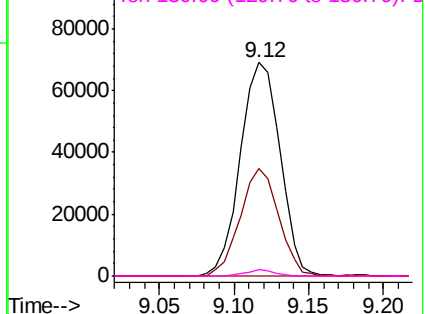
42 50.3 47.0 70.4

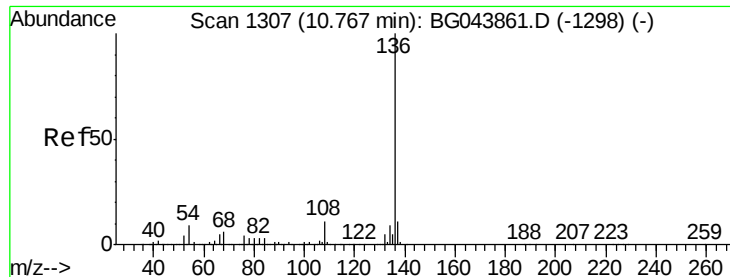
101 0.0 7.2 10.8#

130 2.7 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

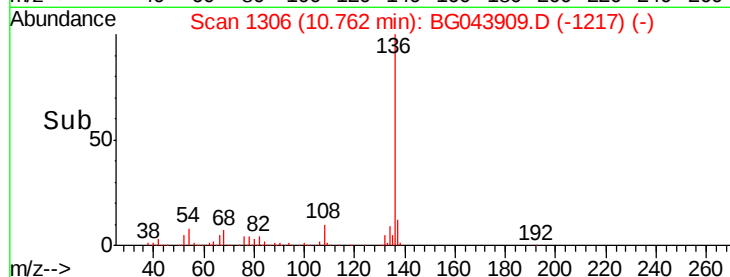
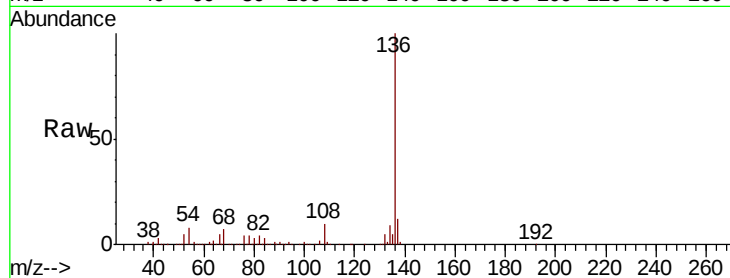
Delta R.T. -0.01 min

Lab File: BG043909.D

Acq: 4 Jan 2020 6:22

Tot Ion:136 Resp: 549568

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	7.9	7.0	10.4
68	6.6	4.9	7.3

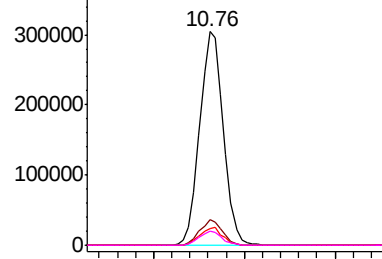


Abundance Ion 136.00 (135.70 to 136.70): E

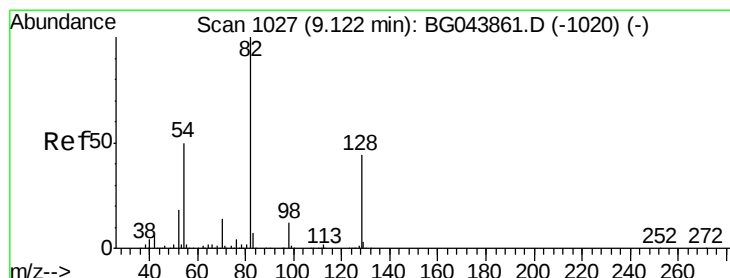
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 93.187 ng

RT: 9.12 min Scan# 1026

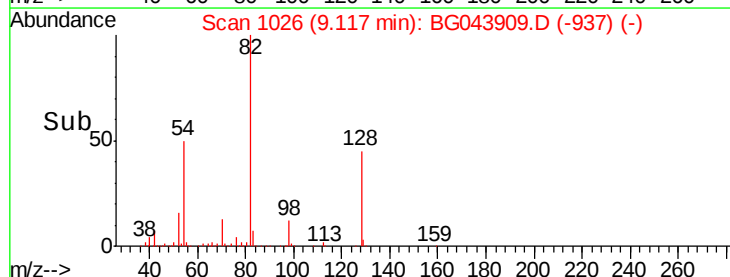
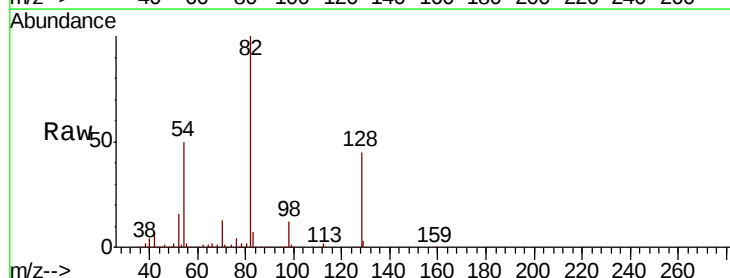
Delta R.T. -0.01 min

Lab File: BG043909.D

Acq: 4 Jan 2020 6:22

Tgt Ion: 82 Resp: 957314

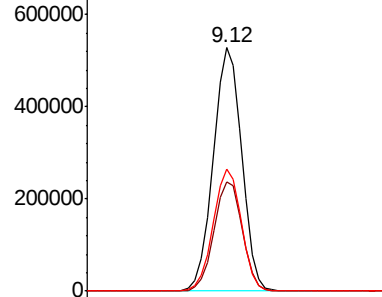
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.1	52.7
54	50.4	40.1	60.1



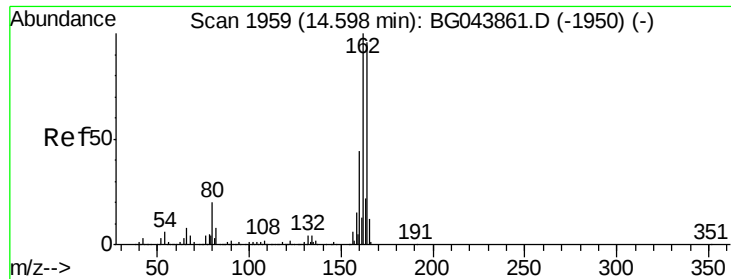
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

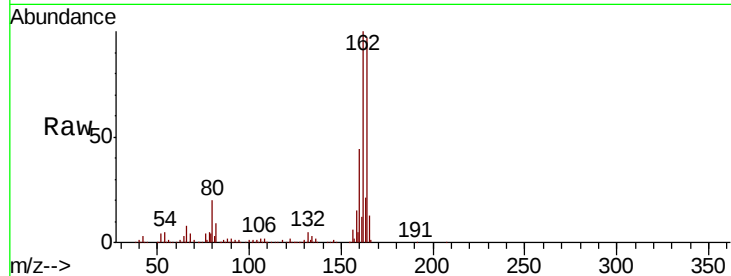


Time-->

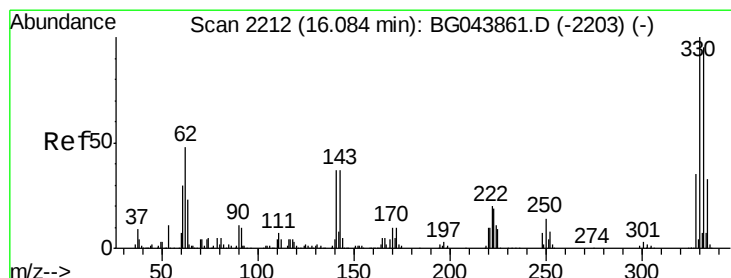
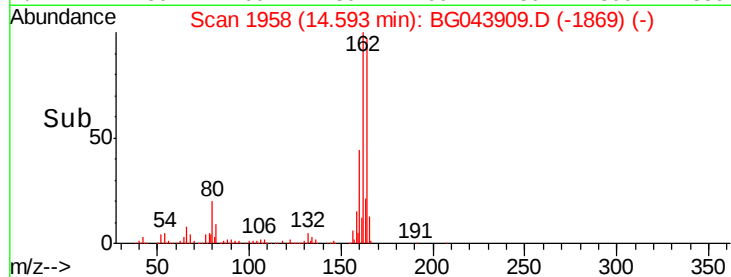
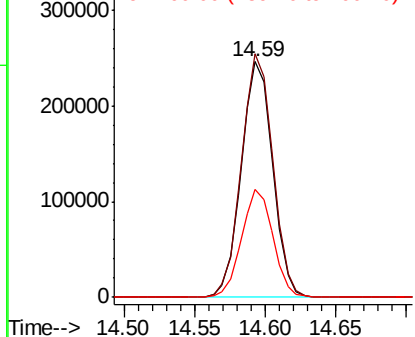


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043909.D
Acq: 4 Jan 2020 6:22

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.4
160	45.6	36.1	54.1

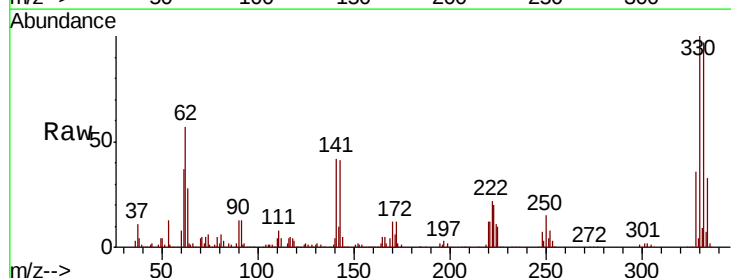


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

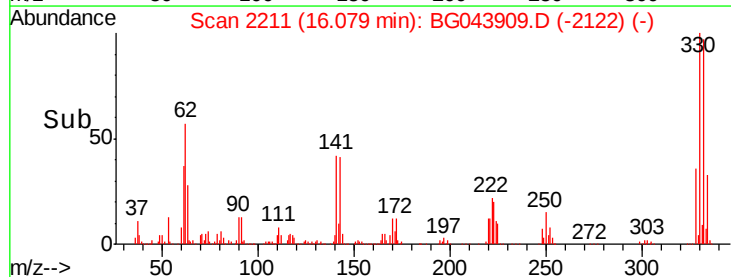
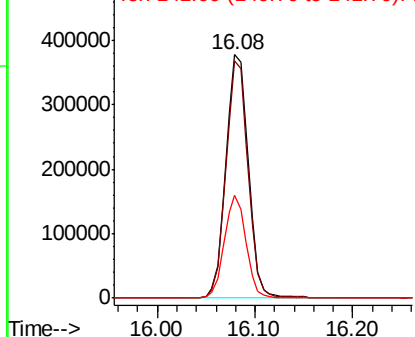


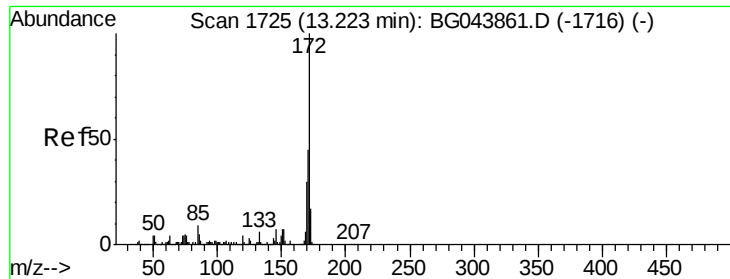
#42
2,4,6-Tribromophenol
Concen: 150.325 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043909.D
Acq: 4 Jan 2020 6:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	40.7	33.1	49.7



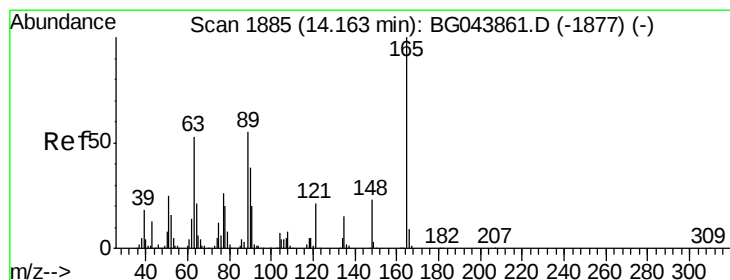
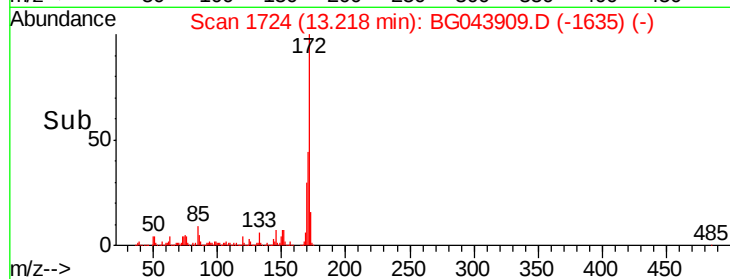
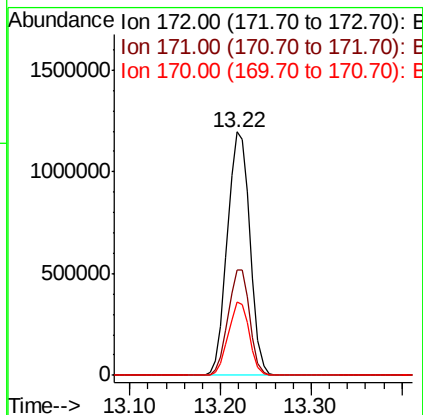
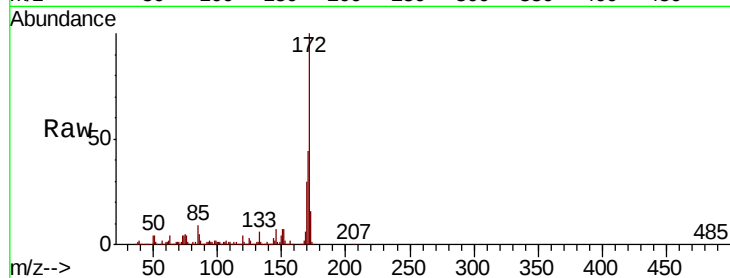
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





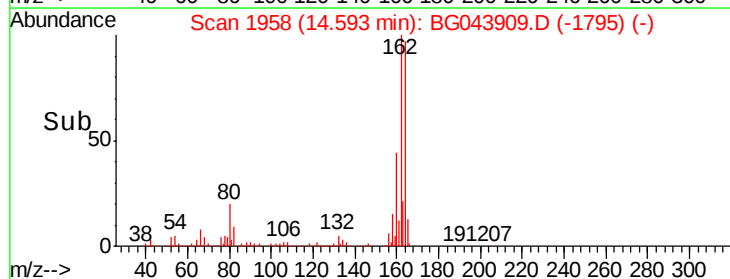
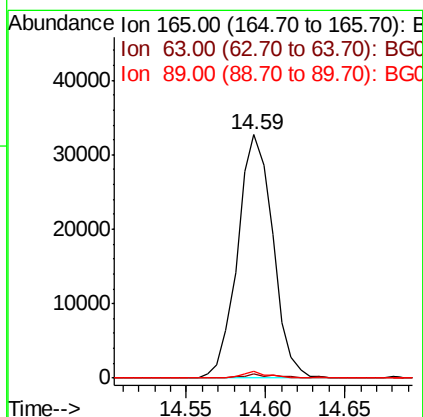
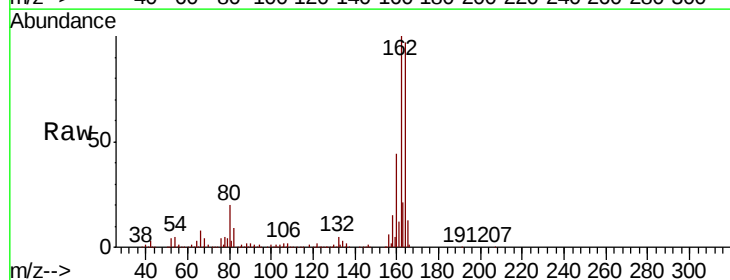
#45
2-Fluorobiphenyl
Concen: 97.797 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043909.D
Acq: 4 Jan 2020 6:22

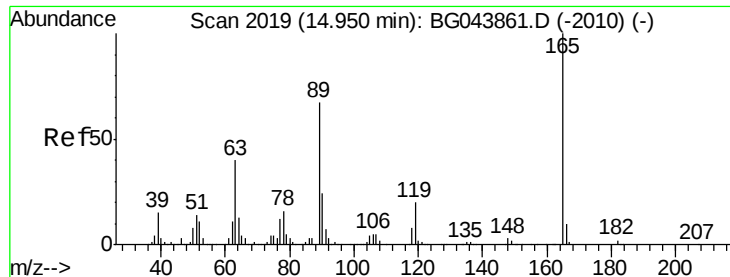
Tot Ion:172 Resp: 2068356
Ion Ratio Lower Upper
172 100
171 43.5 35.8 53.8
170 30.0 24.2 36.4



#51
2,6-Dinitrotoluene
Concen: 8.192 ng
RT: 14.59 min Scan# 1958
Delta R.T. 0.43 min
Lab File: BG043909.D
Acq: 4 Jan 2020 6:22

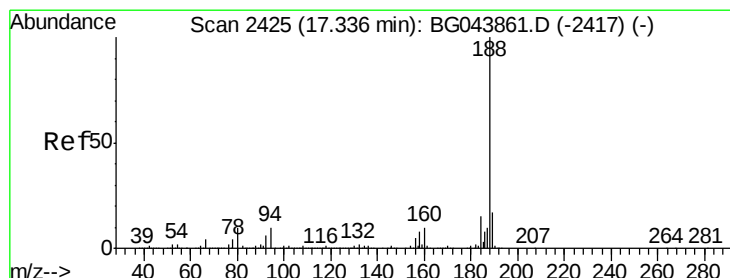
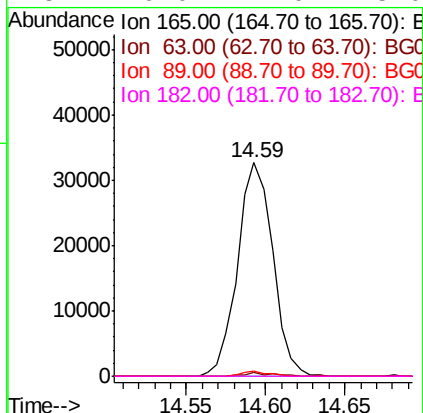
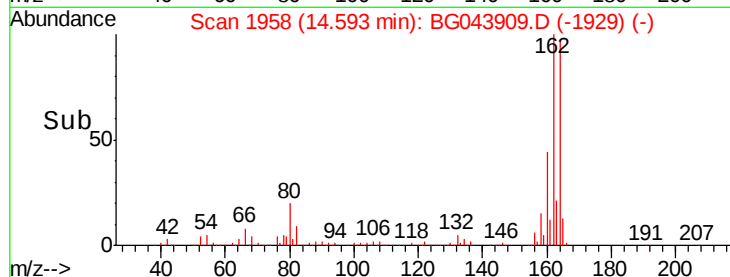
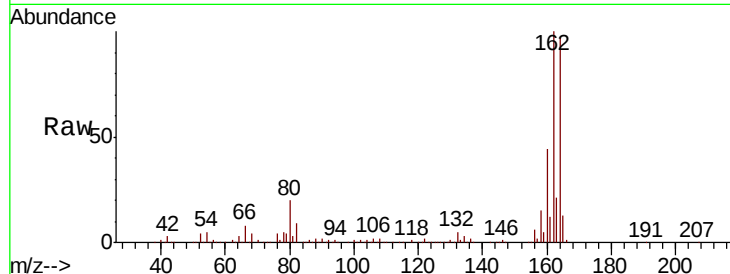
Tgt Ion:165 Resp: 50378
Ion Ratio Lower Upper
165 100
63 1.5 43.1 64.7#
89 2.6 43.8 65.6#





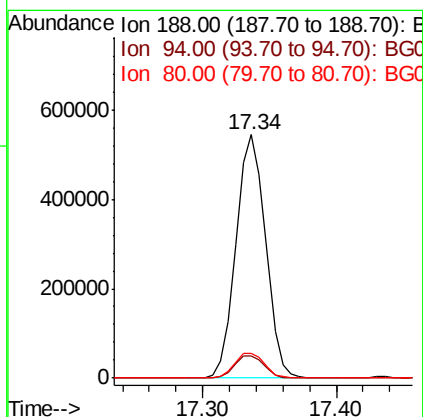
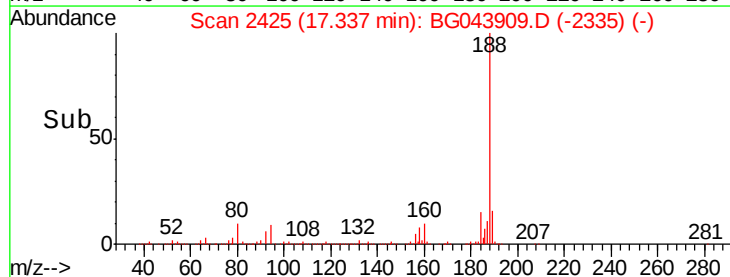
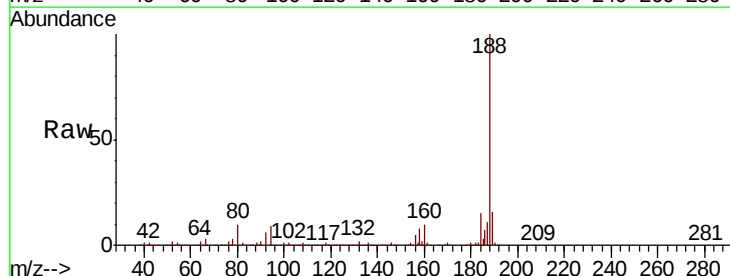
#57
 2,4-Dinitrotoluene
 Concen: 6.021 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.36 min
 Lab File: BG043909.D
 Acq: 4 Jan 2020 6:22

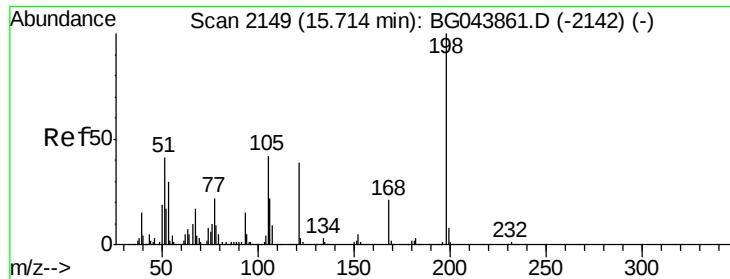
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	31.9	47.9#
89	2.6	53.8	80.6#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG043909.D
 Acq: 4 Jan 2020 6:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.1	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 4.876 ng

RT: 16.08 min Scan# 2211

Delta R.T. 0.37 min

Lab File: BG043909.D

Acq: 4 Jan 2020 6:22

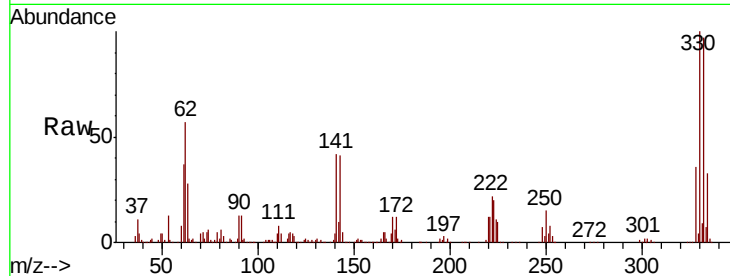
Tot Ion:198 Resp: 2306

Ion Ratio Lower Upper

198 100

51 141.0 22.5 62.5#

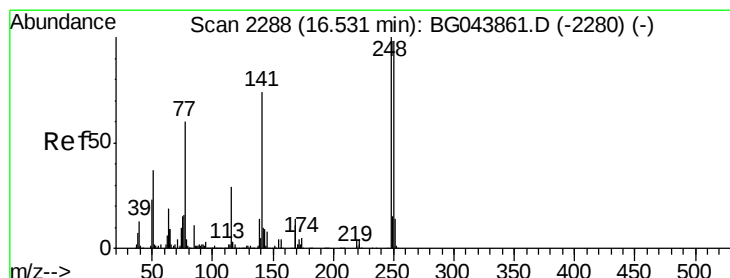
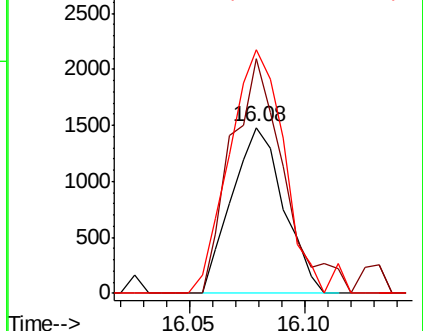
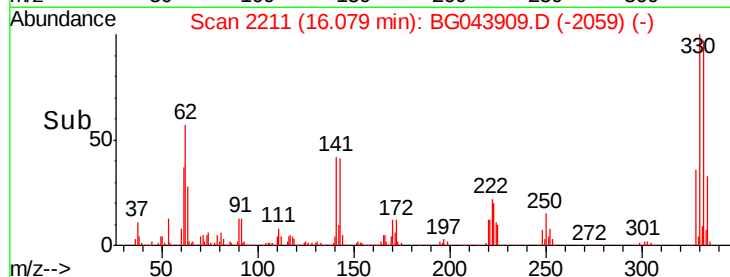
105 146.6 22.3 62.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.741 ng

RT: 16.09 min Scan# 2212

Delta R.T. -0.45 min

Lab File: BG043909.D

Acq: 4 Jan 2020 6:22

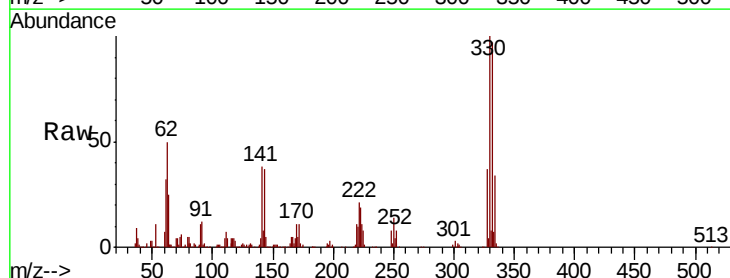
Tgt Ion:248 Resp: 44626

Ion Ratio Lower Upper

248 100

250 179.2 78.2 117.2#

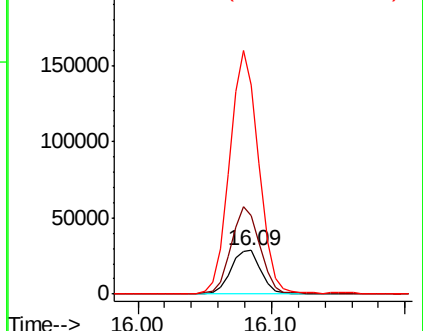
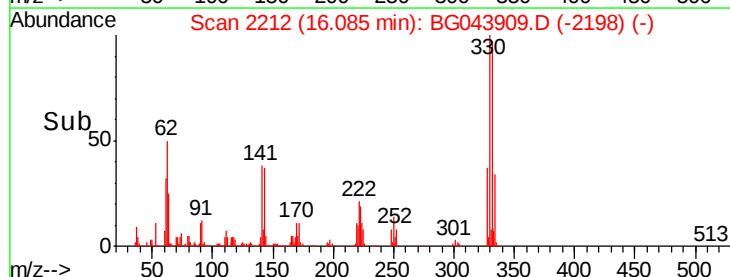
141 477.8 59.3 88.9#

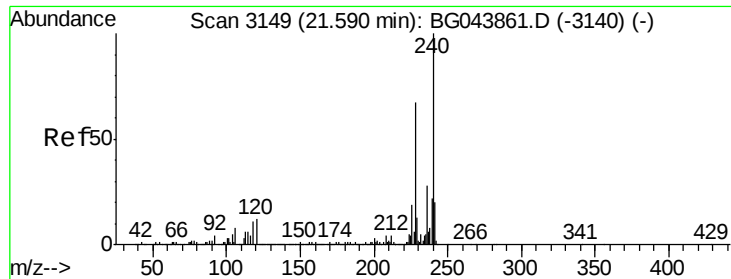


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

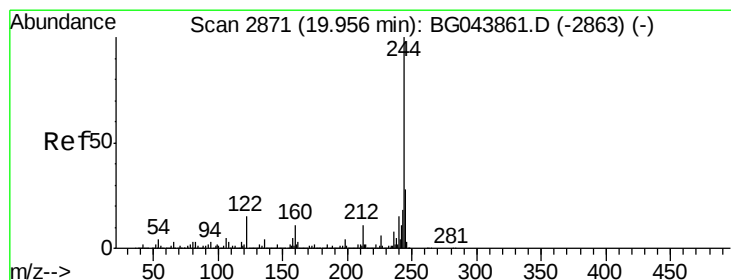
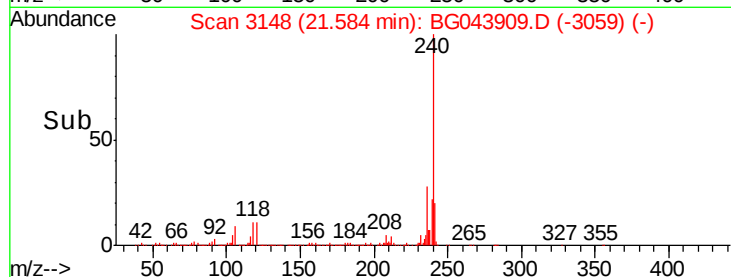
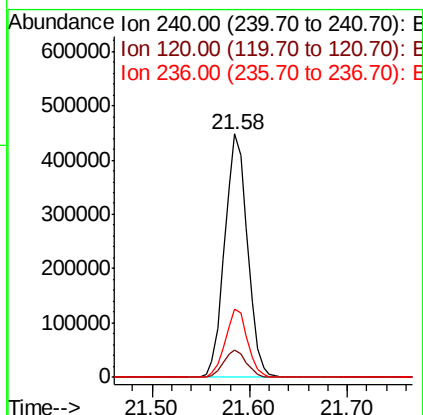
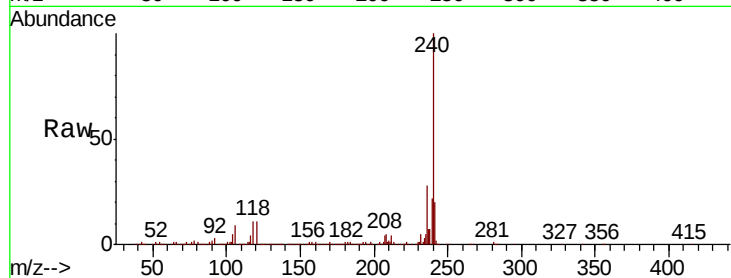
Ion 141.00 (140.70 to 141.70): E





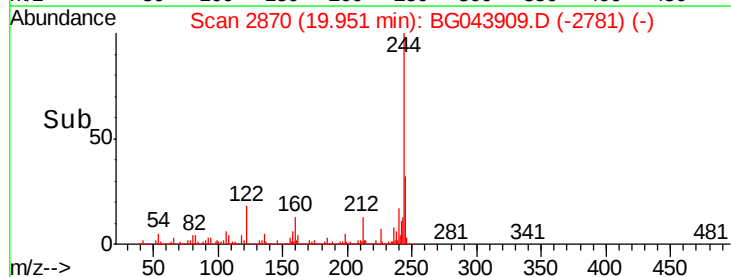
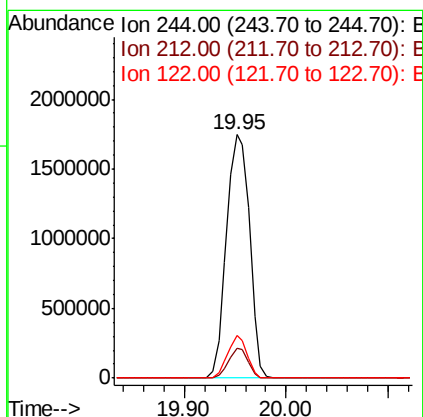
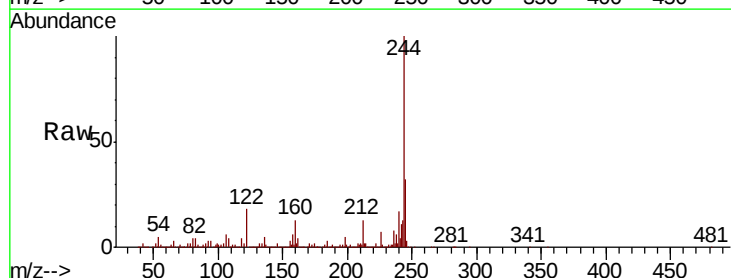
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043909.D
Acq: 4 Jan 2020 6:22

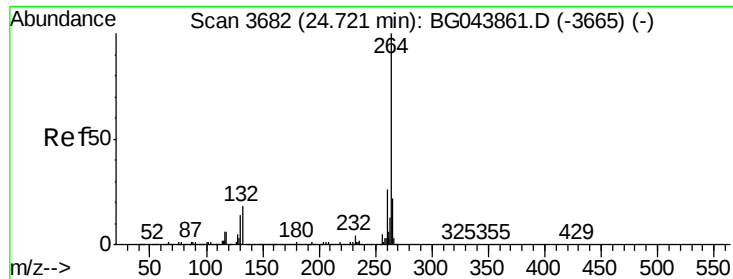
Tot Ion:240 Resp: 724233
Ion Ratio Lower Upper
240 100
120 11.4 9.6 14.4
236 27.9 22.2 33.2



#79
Terphenyl-d14
Concen: 94.666 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BG043909.D
Acq: 4 Jan 2020 6:22

Tgt Ion:244 Resp: 2761312
Ion Ratio Lower Upper
244 100
212 12.5 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: BG043909.D
Acq: 4 Jan 2020 6:22

Tot Ion:	264	Resp:	799869
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	21.3	17.4	26.2

