

Data File : BG043908.D
Acq On : 4 Jan 2020 5:43
Operator : JU
Sample : SSTDC0040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 06:22:08 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	144423	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	613402	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	399462	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	850559	20.00	ng	0.00
76) Chrysene-d12	21.59	240	716725	20.00	ng	0.00
87) Perylene-d12	24.72	264	830209	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	658746	83.75	ng	0.00
7) Phenol-d6	7.13	99	912459	82.99	ng	0.00
23) Nitrobenzene-d5	9.12	82	870545	75.92	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	355840	85.12	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1820738	82.58	ng	0.00
79) Terphenyl-d14	19.95	244	2371571	78.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	139021	40.536	ng	99
3) Pyridine	3.83	79	413673	40.830	ng	97
4) n-Nitrosodimethylamine	3.74	42	177680	39.390	ng	99
6) Aniline	7.29	93	574741	39.799	ng	99
8) 2-Chlorophenol	7.53	128	374638	40.571	ng	96
9) Benzaldehyde	7.10	77	258634	36.754	ng	99
10) Phenol	7.16	94	465455	41.089	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	387607	39.639	ng	100
12) 1,3-Dichlorobenzene	7.86	146	435839	40.334	ng	99
13) 1,4-Dichlorobenzene	8.00	146	432930	40.605	ng	99
14) 1,2-Dichlorobenzene	8.32	146	412906	40.348	ng	99
15) Benzyl Alcohol	8.20	79	342916	39.519	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	595302	39.350	ng	99
17) 2-Methylphenol	8.41	107	333189	40.644	ng	98
18) Hexachloroethane	9.05	117	168192	40.541	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	315160	38.491	ng	96
20) 3+4-Methylphenols	8.74	107	465749	40.727	ng	99
22) Acetophenone	8.78	105	593868	38.943	ng	# 98
24) Nitrobenzene	9.16	77	442483	38.963	ng	99
25) Isophorone	9.69	82	836621	38.891	ng	98
26) 2-Nitrophenol	9.88	139	224087	41.706	ng	97
27) 2,4-Dimethylphenol	9.94	122	319330	39.482	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	562950	39.253	ng	100
29) 2,4-Dichlorophenol	10.41	162	394739	40.916	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	427740	39.543	ng	99
31) Naphthalene	10.82	128	1191273	40.133	ng	99
32) Benzoic acid	10.08	122	192112	31.624	ng	96
33) 4-Chloroaniline	10.92	127	571853	40.391	ng	99
34) Hexachlorobutadiene	11.11	225	256842	38.889	ng	99
35) Caprolactam	11.70	113	147788	41.150	ng	96
36) 4-Chloro-3-methylphenol	12.05	107	424094	41.293	ng	99
37) 2-Methylnaphthalene	12.42	142	899288	40.241	ng	97
38) 1-Methylnaphthalene	12.64	142	854400	40.340	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	453787	38.758	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	229771	37.854	ng	98
43) 2,4,6-Trichlorophenol	13.03	196	327664	40.672	ng	100
44) 2,4,5-Trichlorophenol	13.10	196	337662	40.638	ng	99
46) 1,1'-Biphenyl	13.43	154	1162107	40.575	ng	99
47) 2-Chloronaphthalene	13.47	162	921378	39.811	ng	99
48) 2-Nitroaniline	13.67	65	307695	41.331	ng	100
49) Acenaphthylene	14.32	152	1364676	41.025	ng	99
50) Dimethylphthalate	14.05	163	1176350	41.474	ng	99
51) 2,6-Dinitrotoluene	14.16	165	266011	41.494	ng	99
52) Acenaphthene	14.66	154	944179	40.474	ng	99
53) 3-Nitroaniline	14.49	138	304634	41.845	ng	100
54) 2,4-Dinitrophenol	14.70	184	110973	37.133	ng	99
55) Dibenzofuran	15.00	168	1339757	41.720	ng	100
56) 4-Nitrophenol	14.80	139	231139	41.432	ng	98
57) 2,4-Dinitrotoluene	14.95	165	365667	41.919	ng	97
58) Fluorene	15.64	166	1058273	41.577	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	296484	41.496	ng	99
60) Diethylphthalate	15.42	149	1200042	42.301	ng	100
61) 4-Chlorophenyl-phenylether	15.64	204	564502	40.844	ng	99
62) 4-Nitroaniline	15.66	138	311223	43.291	ng	96
63) Azobenzene	15.93	77	1096207	41.666	ng	100
65) 4,6-Dinitro-2-methylphenol	15.72	198	170123	39.660	ng	97
66) n-Nitrosodiphenylamine	15.85	169	983577	39.268	ng	100
67) 4-Bromophenyl-phenylether	16.53	248	371994	38.886	ng	98
68) Hexachlorobenzene	16.65	284	396524	38.468	ng	99
69) Atrazine	16.80	200	336448	41.323	ng	99
70) Pentachlorophenol	16.99	266	215933	38.002	ng	97
71) Phenanthrene	17.38	178	1659416	40.675	ng	98
72) Anthracene	17.47	178	1628126	40.381	ng	99
73) Carbazole	17.74	167	1543086	41.432	ng	99
74) Di-n-butylphthalate	18.31	149	1930939	40.608	ng	99
75) Fluoranthene	19.39	202	1844492	39.533	ng	99
77) Benzidine	19.57	184	829222	46.029	ng	98
78) Pyrene	19.75	202	1839859	39.327	ng	99
80) Butylbenzylphthalate	20.64	149	921761	41.384	ng	99
81) Benzo(a)anthracene	21.58	228	1799722	40.496	ng	100
82) 3,3'-Dichlorobenzidine	21.49	252	724489	41.263	ng	97
83) Chrysene	21.63	228	1719717	40.724	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1261051	41.033	ng	100
85) Di-n-octyl phthalate	22.69	149	2161112	41.828	ng	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2281645	39.758	ng	99
88) Benzo(b)fluoranthene	23.73	252	1949234	39.716	ng	99
89) Benzo(k)fluoranthene	23.80	252	1854076	39.726	ng	99
90) Benzo(a)pyrene	24.57	252	1830329	39.512	ng	99
91) Dibenzo(a,h)anthracene	28.34	278	1845598	39.672	ng	99
92) Benzo(g,h,i)perylene	29.37	276	1822020	39.428	ng	99

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

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ALS Vial     :    2      Sample Multipl
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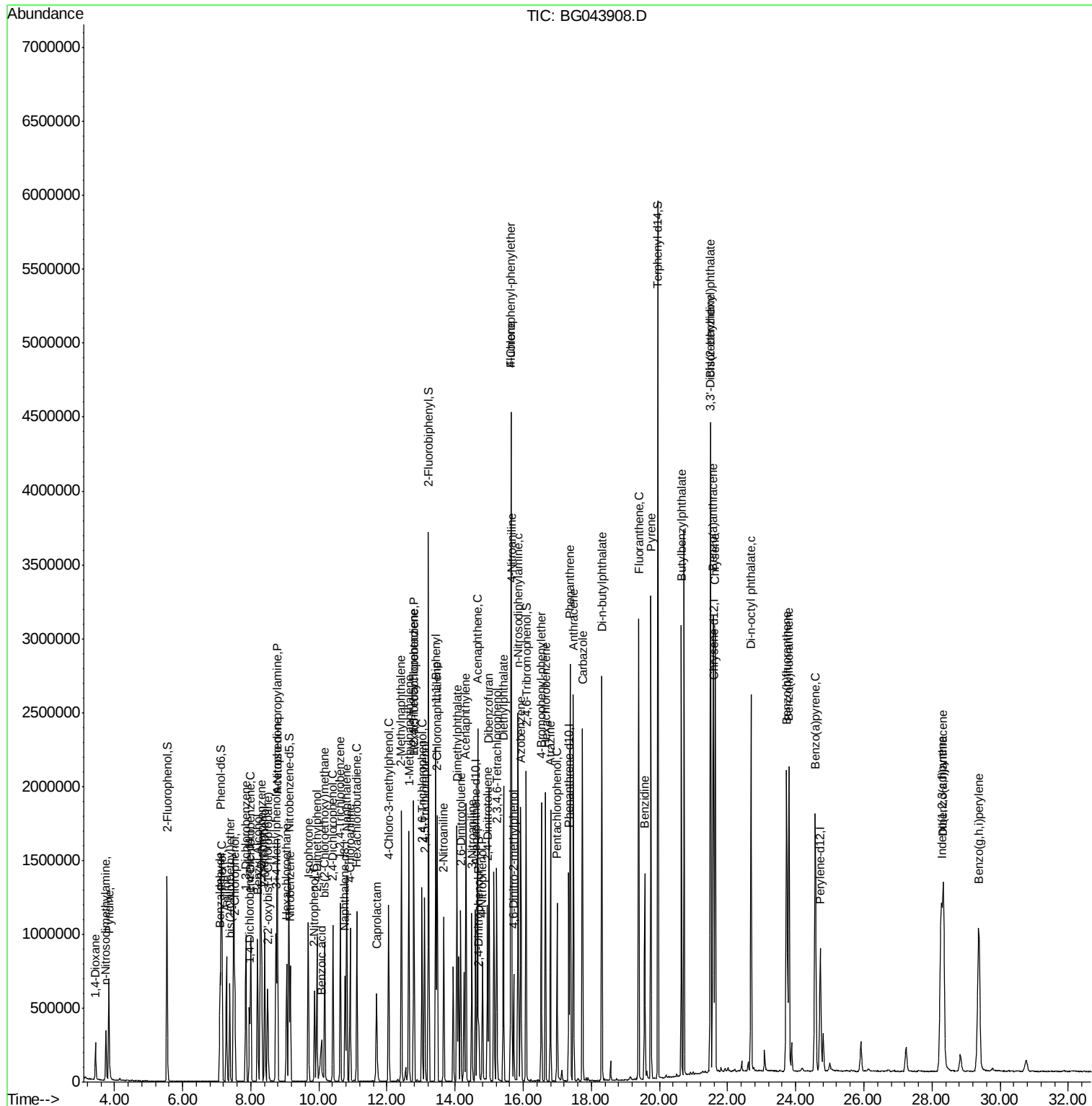
Quant Time: Jan 04 06:22:08 2020

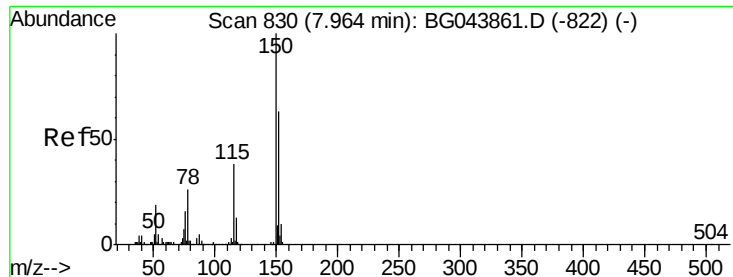
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

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Acq: 4 Jan 2020 5:43

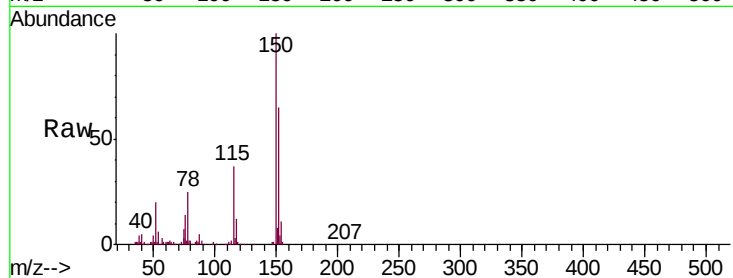
Tgt Ion: 152 Resp: 144423

Ion Ratio Lower Upper

152 100

150 153.7 127.0 190.4

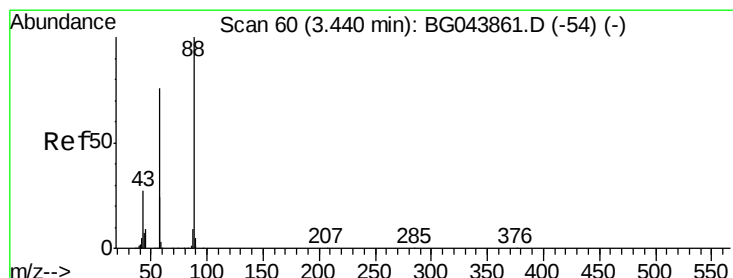
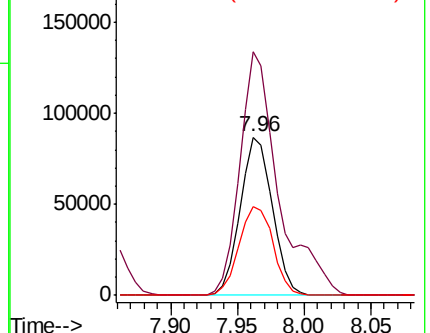
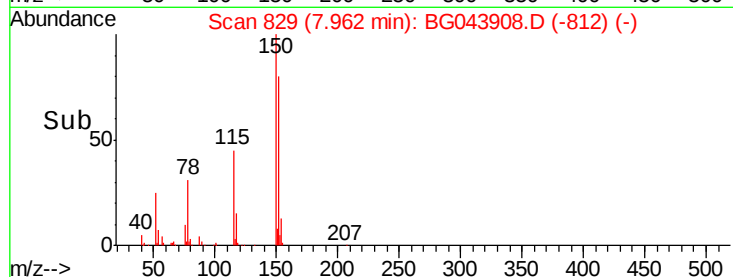
115 56.2 47.8 71.8



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



#2

1,4-Dioxane

Concen: 40.536 ng

RT: 3.44 min Scan# 59

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

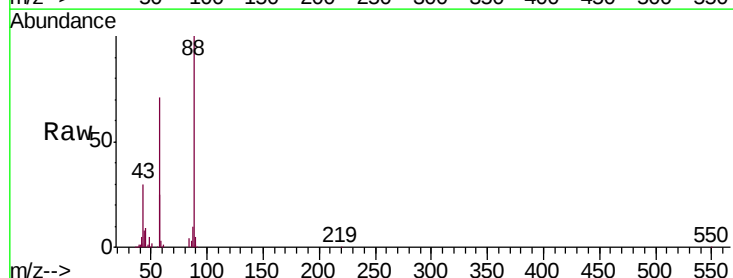
Tgt Ion: 88 Resp: 139021

Ion Ratio Lower Upper

88 100

58 74.1 59.8 89.8

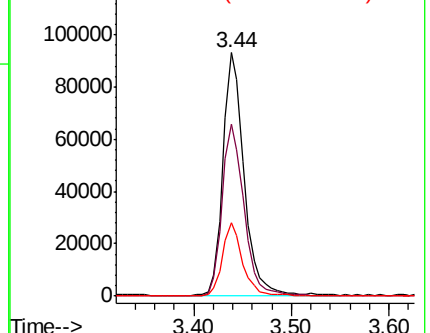
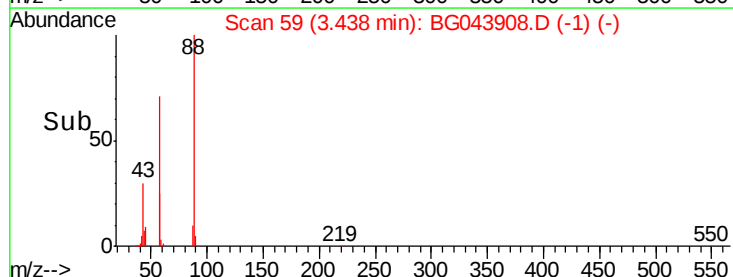
43 28.8 22.9 34.3

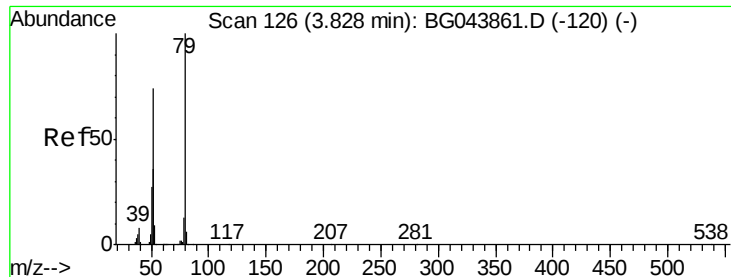


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 40.830 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

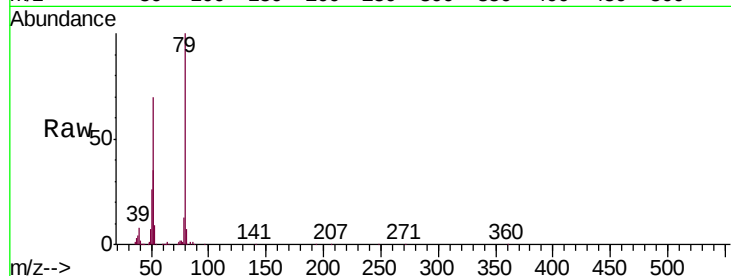
Tgt Ion: 79 Resp: 413673

Ion Ratio Lower Upper

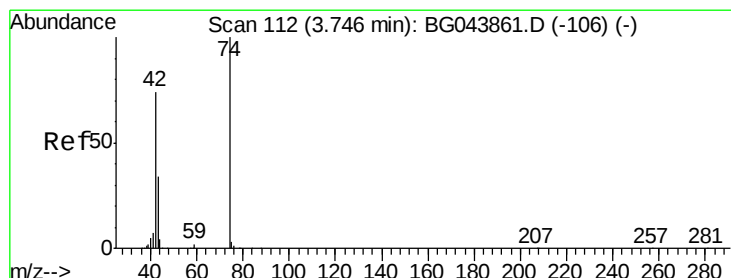
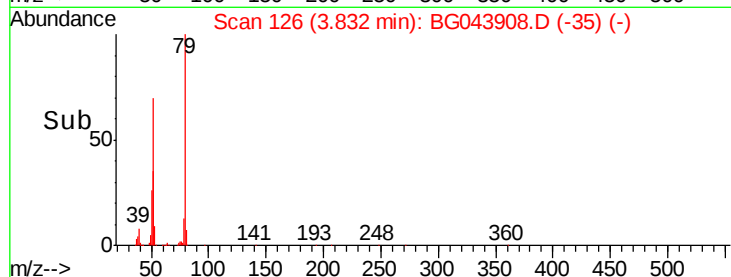
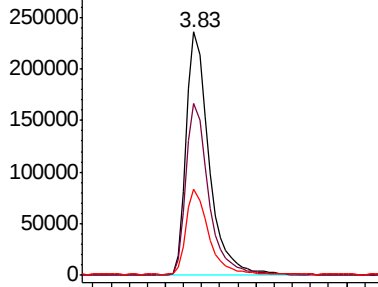
79 100

52 70.5 58.9 88.3

51 35.5 28.6 43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.390 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

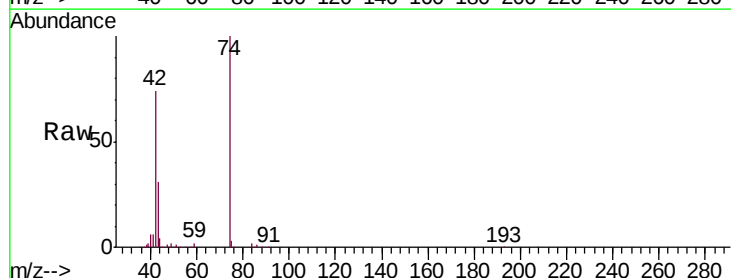
Tgt Ion: 42 Resp: 177680

Ion Ratio Lower Upper

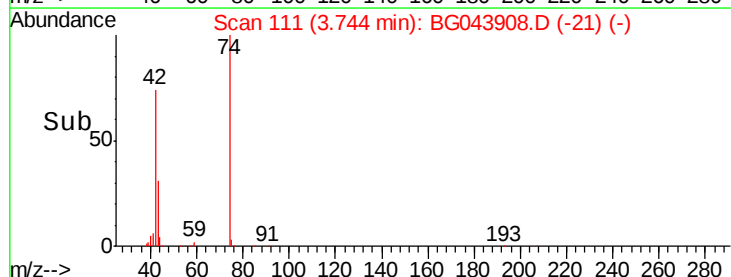
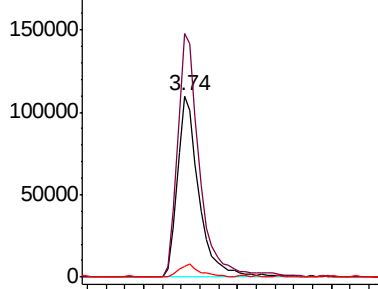
42 100

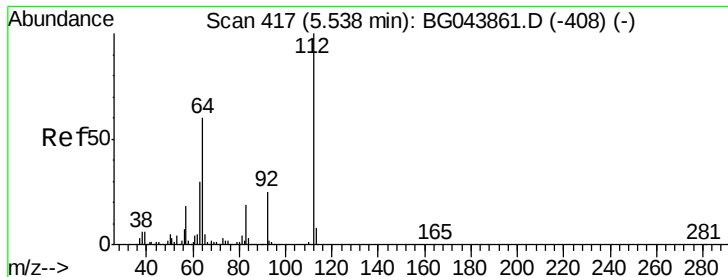
74 134.3 108.6 162.8

44 6.0 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.750 ng

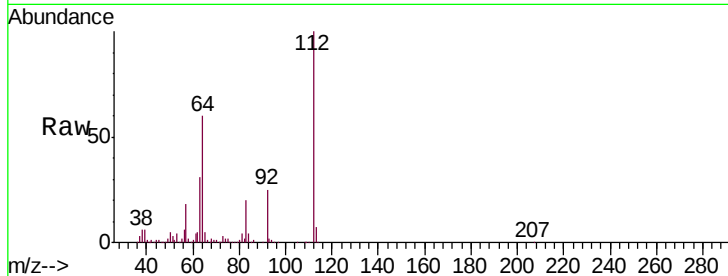
RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

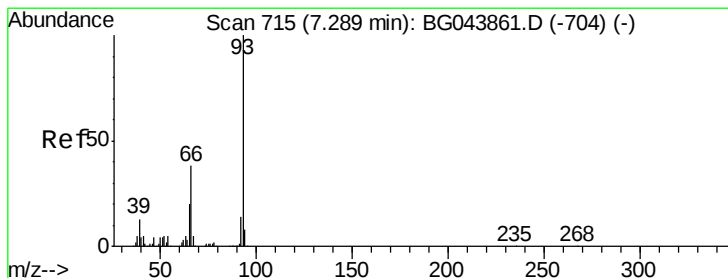
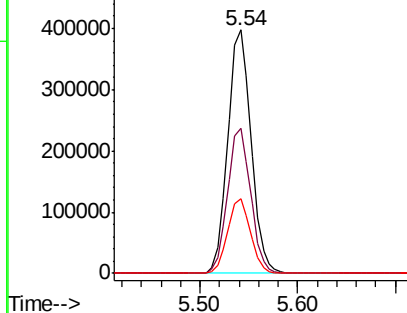
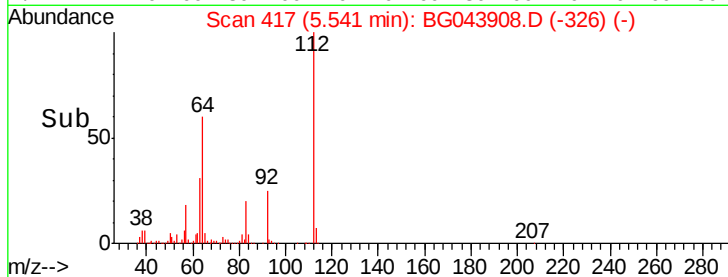
Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion:	112	Resp:	658746
Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.8	71.6
63	30.7	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.799 ng

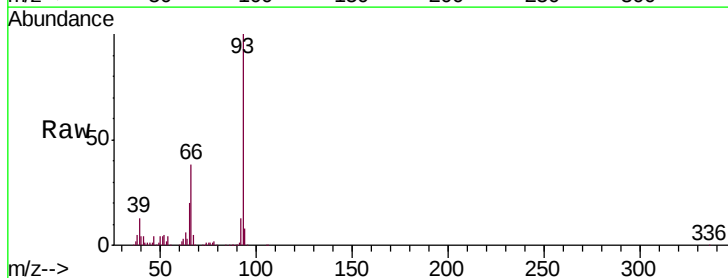
RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

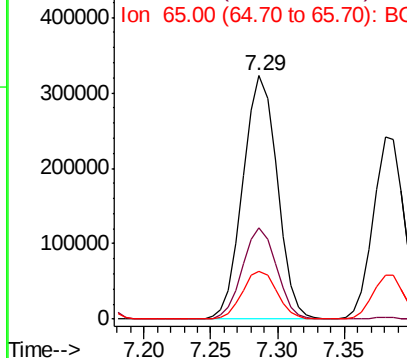
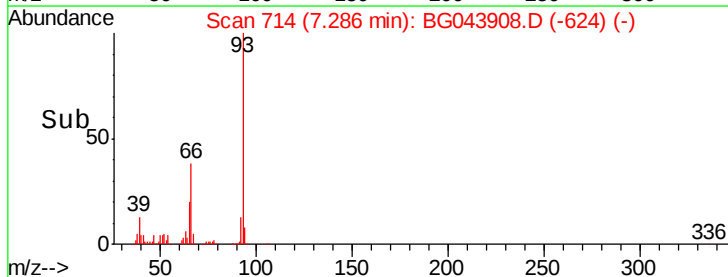
Lab File: BG043908.D

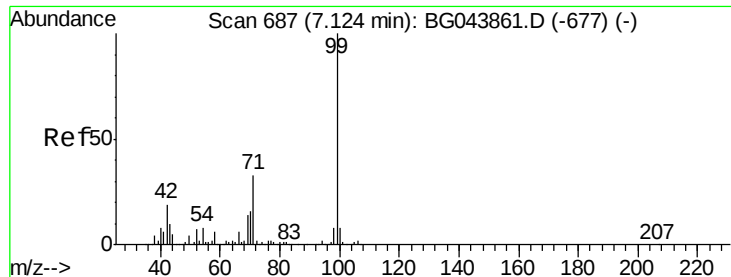
Acq: 4 Jan 2020 5:43

Tgt Ion:	93	Resp:	574741
Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.8	46.2
65	19.7	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.990 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

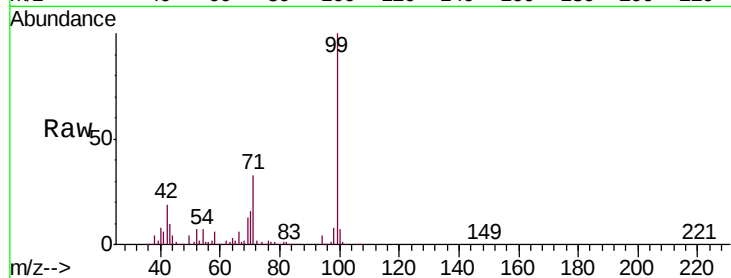
Tgt Ion: 99 Resp: 912459

Ion Ratio Lower Upper

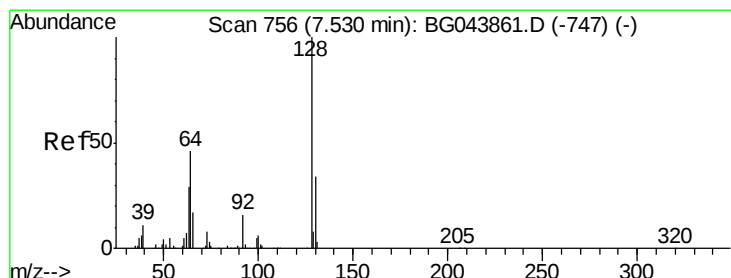
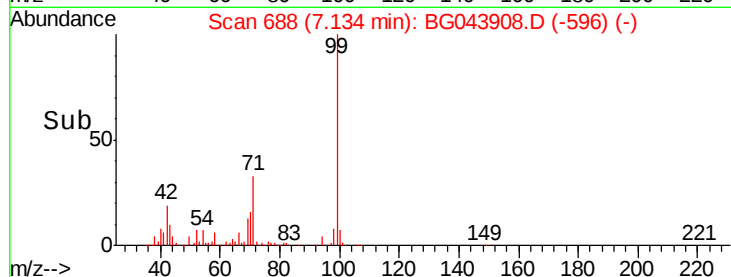
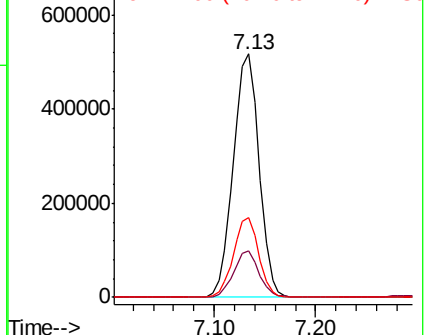
99 100

42 18.9 14.9 22.3

71 32.7 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



#8

2-Chlorophenol

Concen: 40.571 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

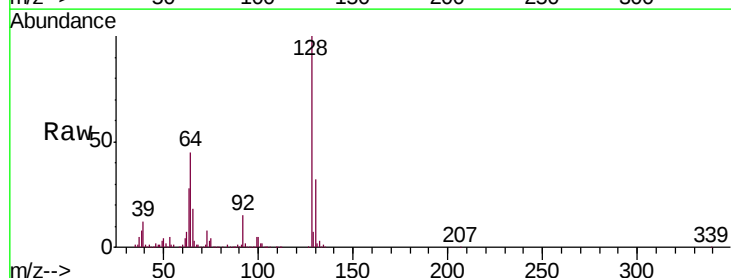
Tgt Ion: 128 Resp: 374638

Ion Ratio Lower Upper

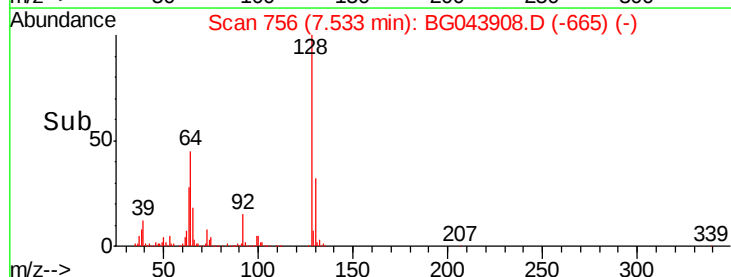
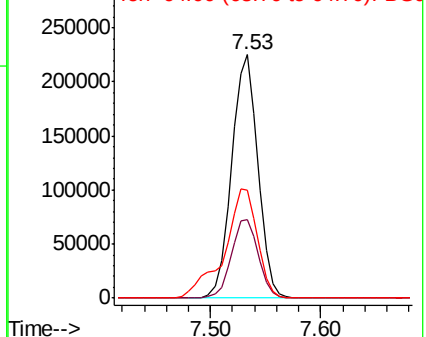
128 100

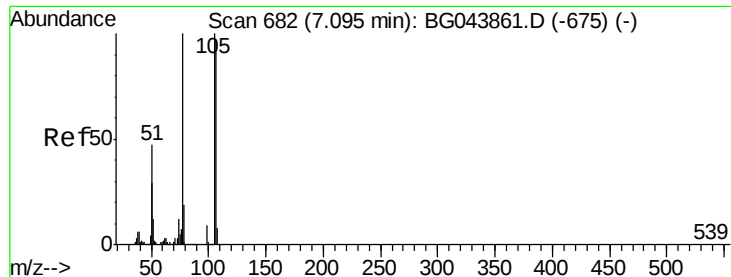
130 32.4 13.8 53.8

64 44.6 27.6 67.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.754 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

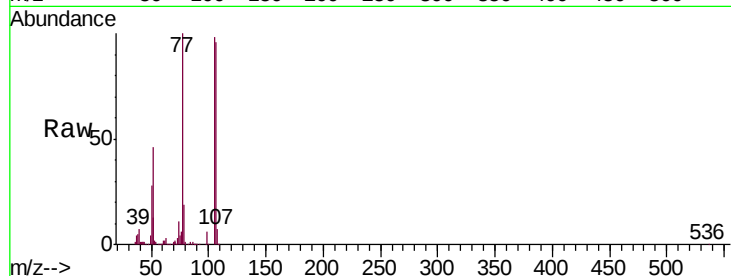
Tgt Ion: 77 Resp: 258634

Ion Ratio Lower Upper

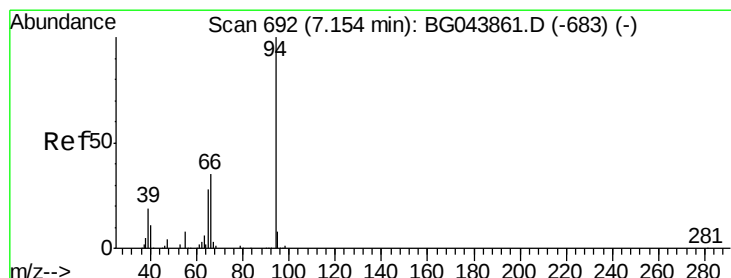
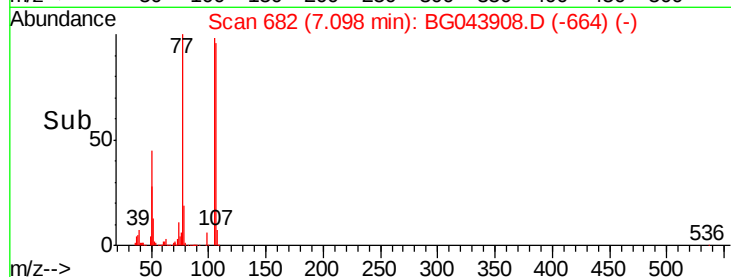
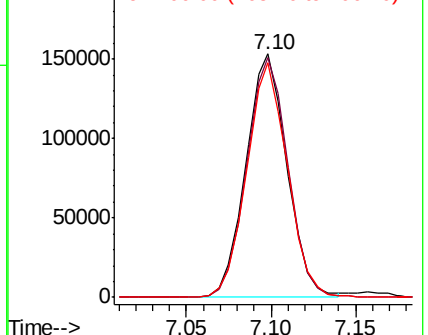
77 100

105 98.5 80.2 120.2

106 96.3 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.089 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

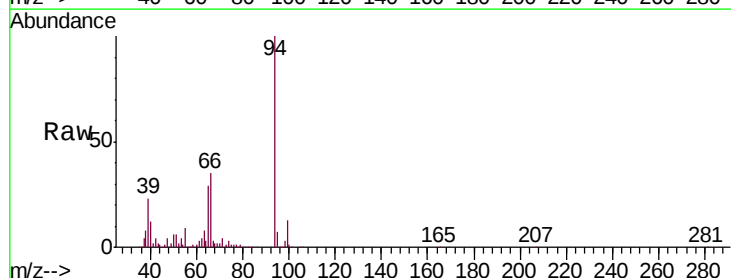
Tgt Ion: 94 Resp: 465455

Ion Ratio Lower Upper

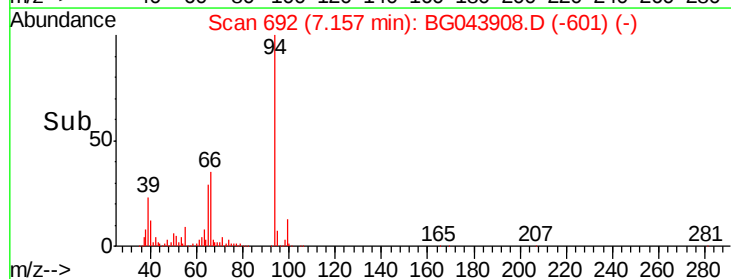
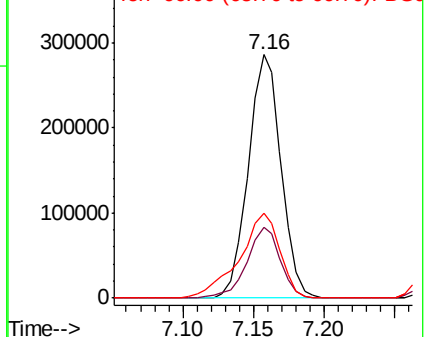
94 100

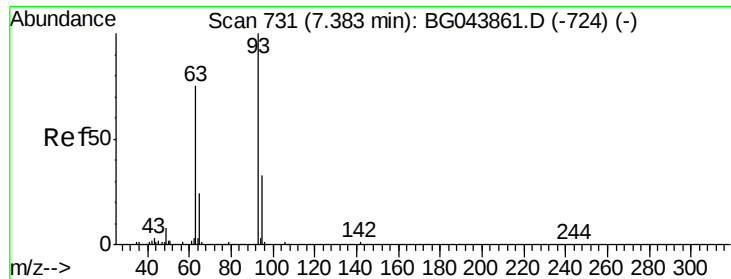
65 29.2 8.1 48.1

66 35.0 15.6 55.6



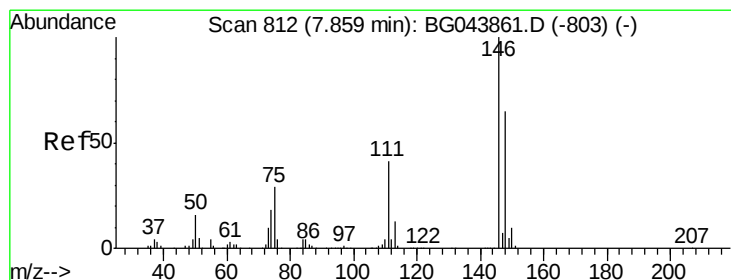
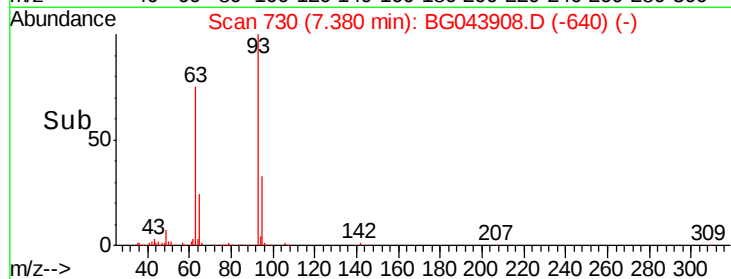
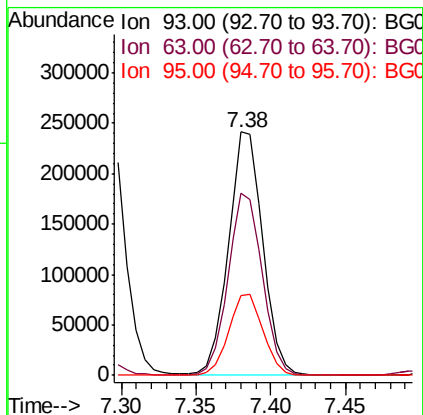
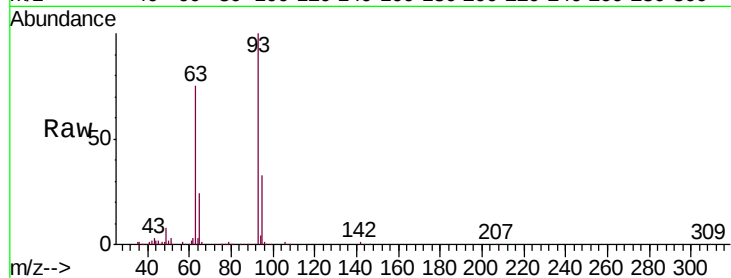
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





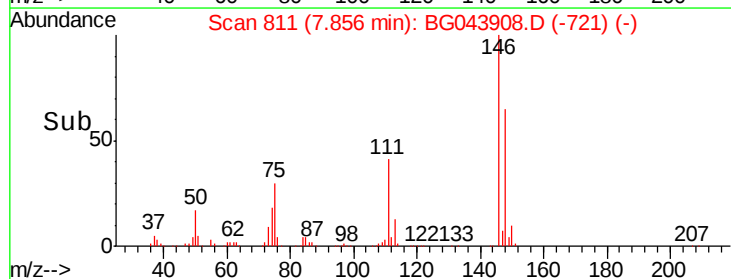
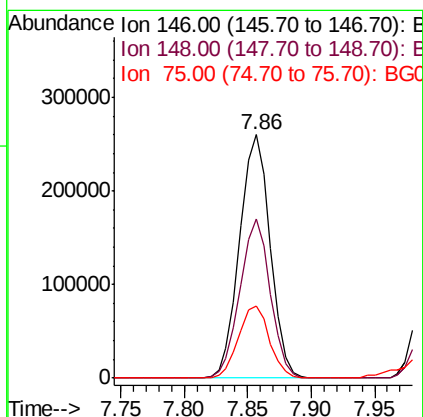
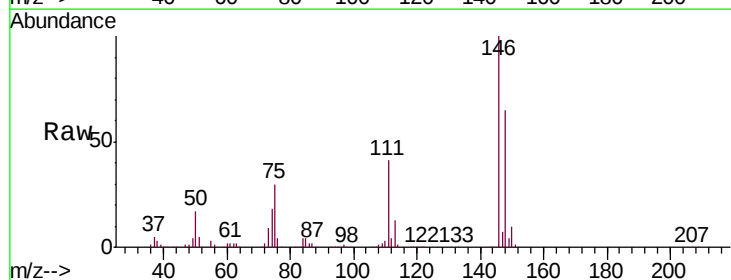
#11
bis(2-Chloroethyl)ether
Concen: 39.639 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

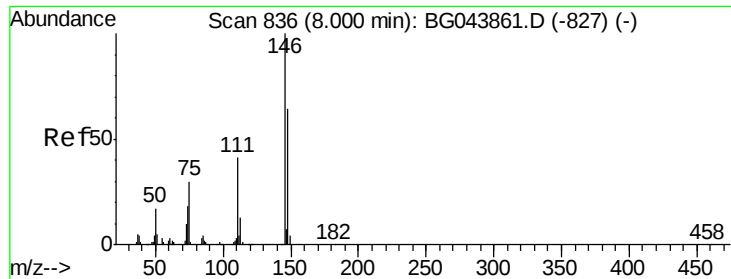
Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.0	55.0	95.0
95	32.6	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.334 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

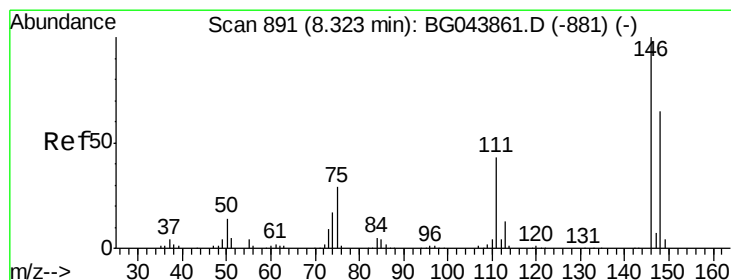
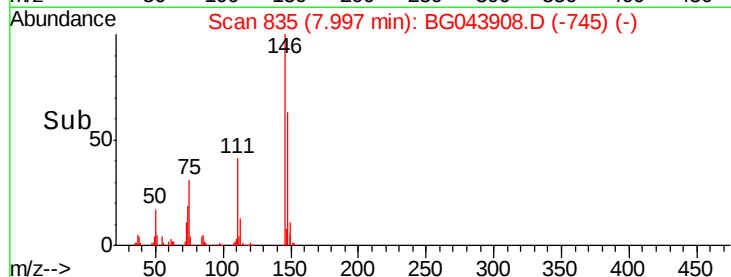
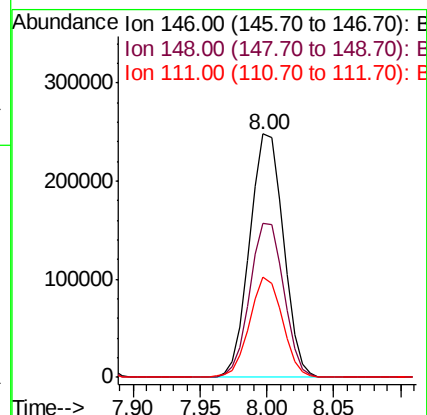
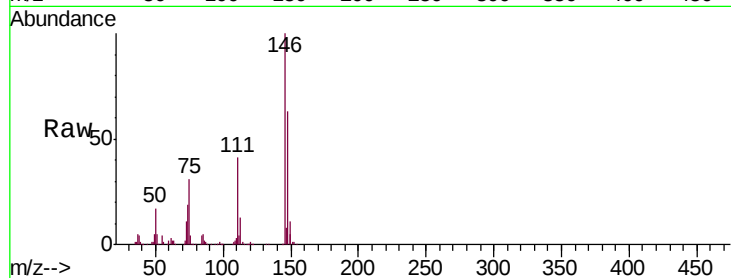
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
75	29.6	23.0	34.4





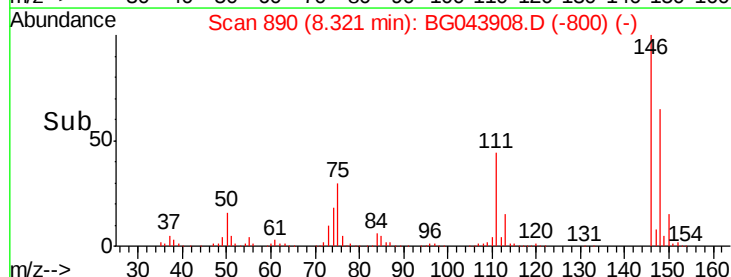
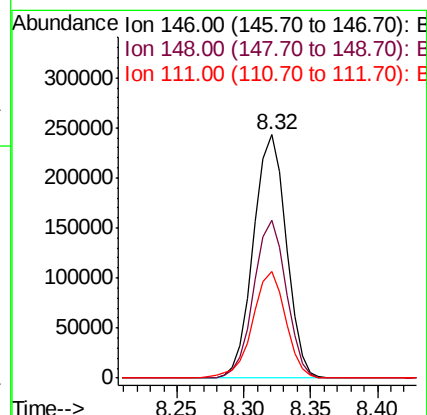
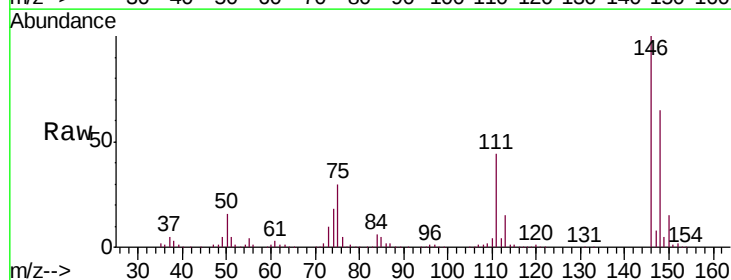
#13
 1,4-Dichlorobenzene
 Concen: 40.605 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

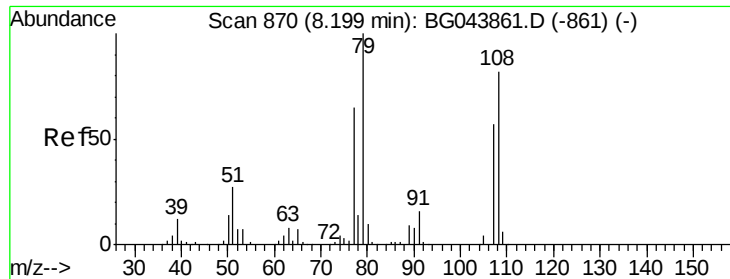
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.2	76.8
111	41.3	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.348 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
111	44.0	34.4	51.6





#15

Benzyl Alcohol

Concen: 39.519 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

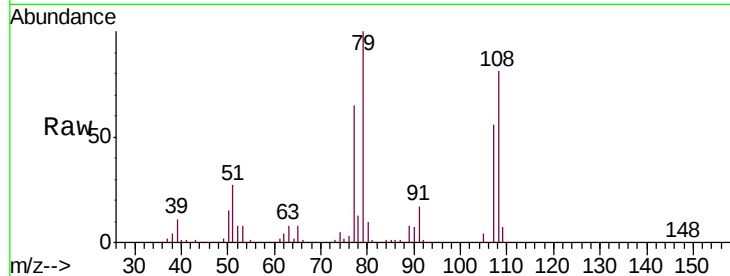
Tgt Ion: 79 Resp: 342916

Ion Ratio Lower Upper

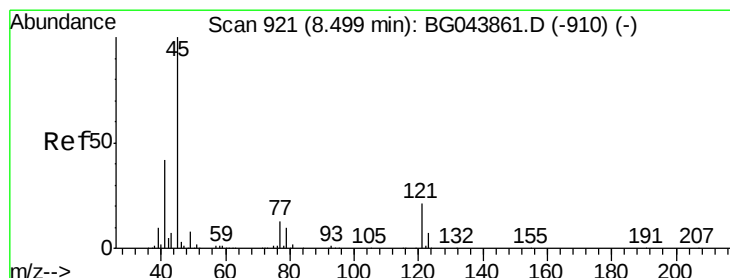
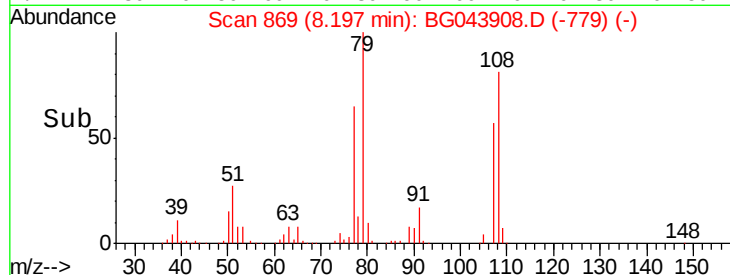
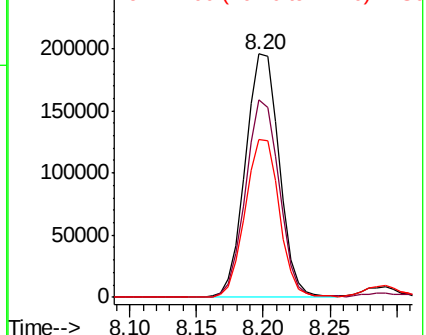
79 100

108 81.1 65.6 98.4

77 65.0 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.350 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

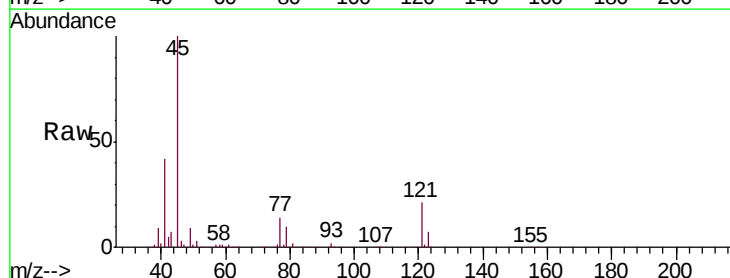
Tgt Ion: 45 Resp: 595302

Ion Ratio Lower Upper

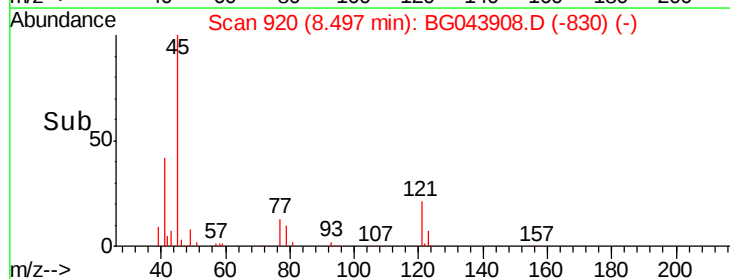
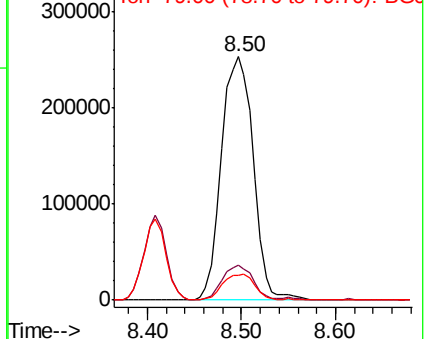
45 100

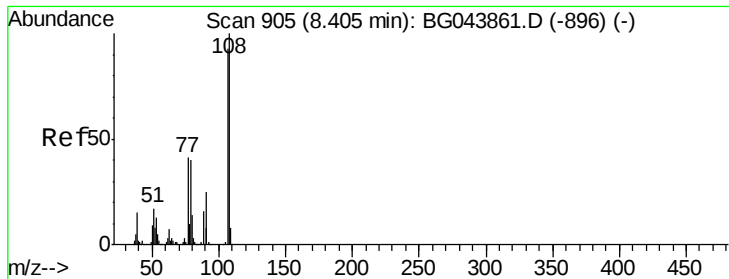
77 14.2 0.0 33.8

79 10.4 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.644 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion:107 Resp: 333189

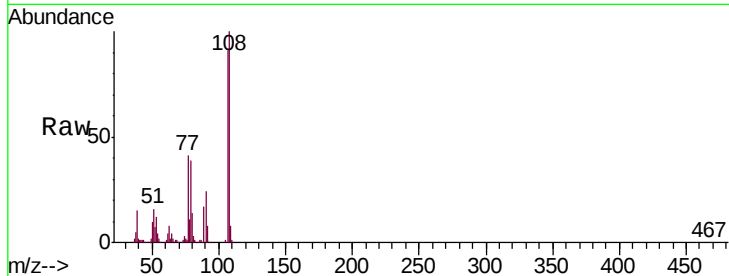
Ion Ratio Lower Upper

107 100

108 109.3 86.1 129.1

77 45.1 35.4 53.0

79 42.7 34.8 52.2

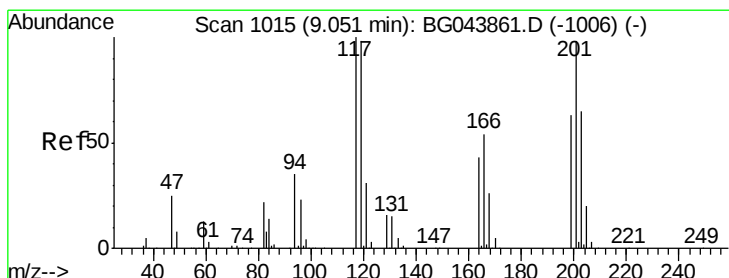
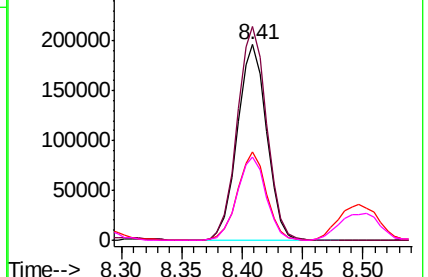
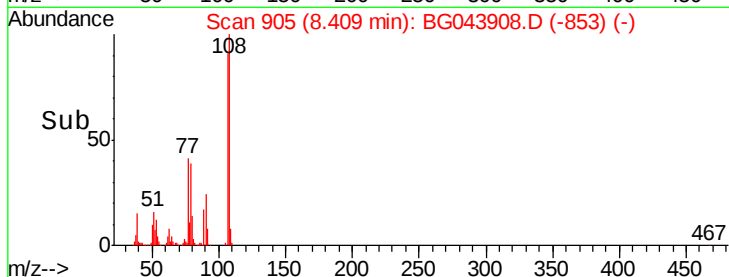


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.541 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

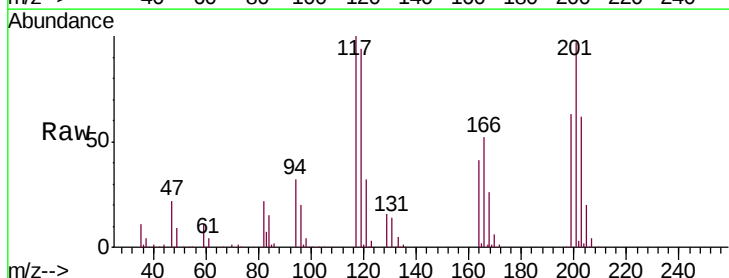
Tgt Ion:117 Resp: 168192

Ion Ratio Lower Upper

117 100

119 94.5 78.1 117.1

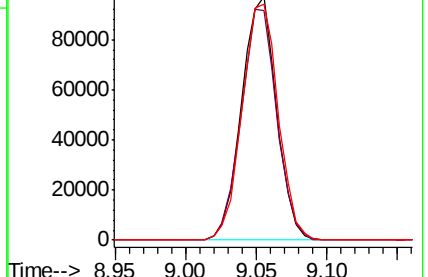
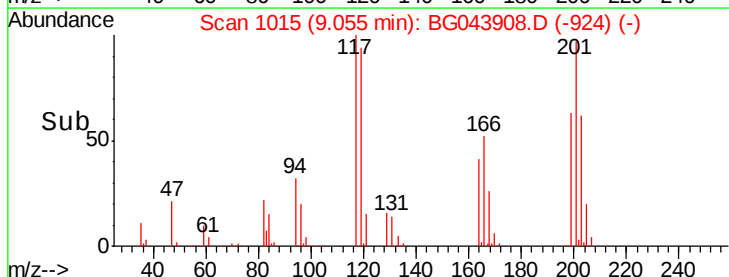
201 96.7 78.6 117.8

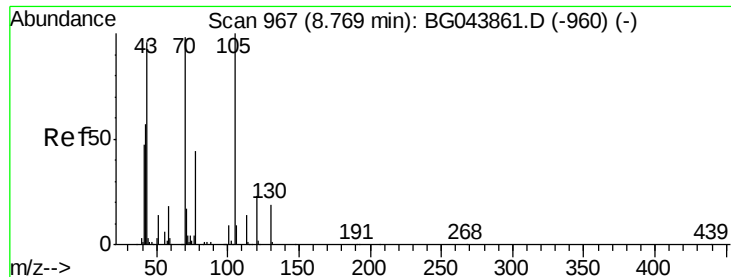


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

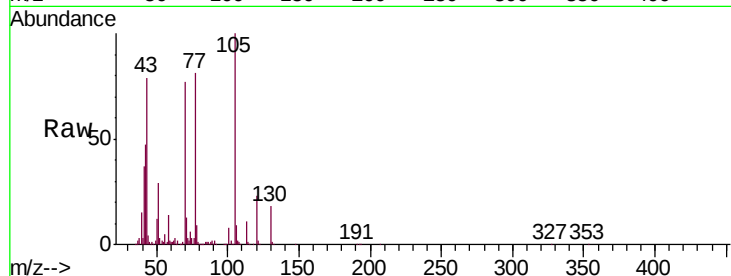
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.491 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:	70	Resp:	315160
Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.0	70.4
101	10.0	7.2	10.8
130	22.7	15.6	23.4



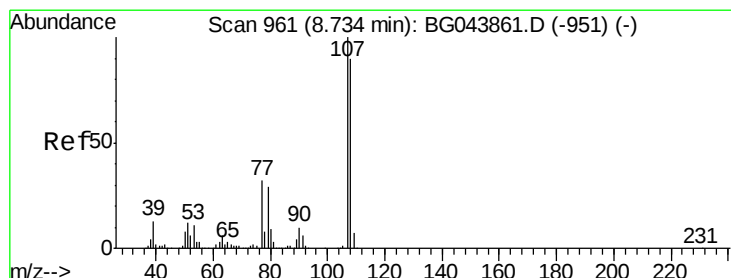
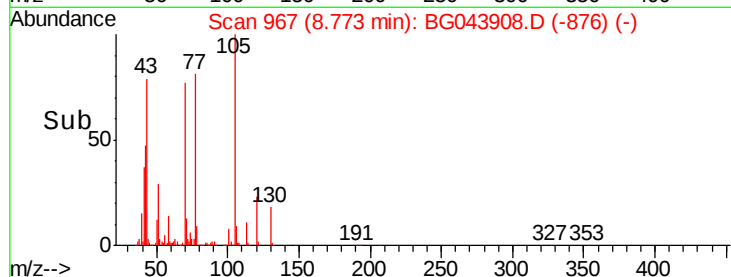
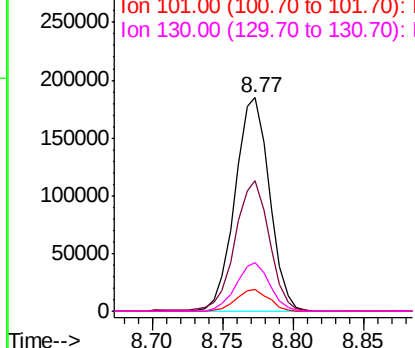
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

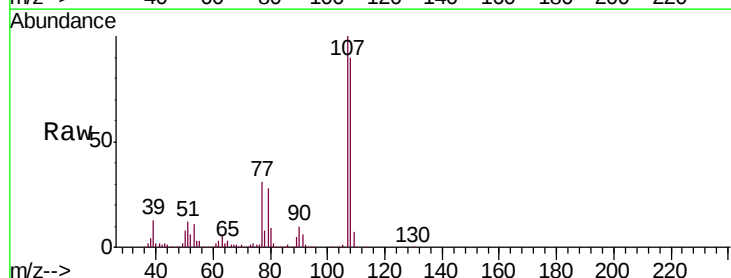
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.727 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:	107	Resp:	465749
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.3	110.3
77	31.3	12.4	52.4
79	28.2	8.6	48.6



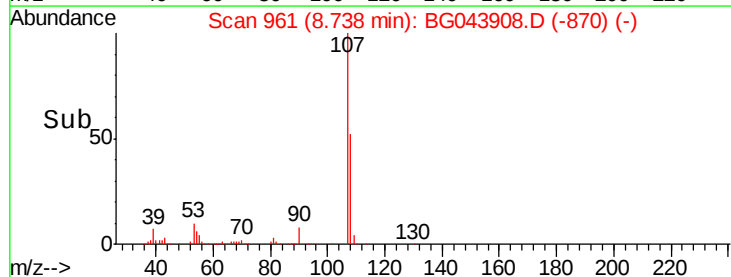
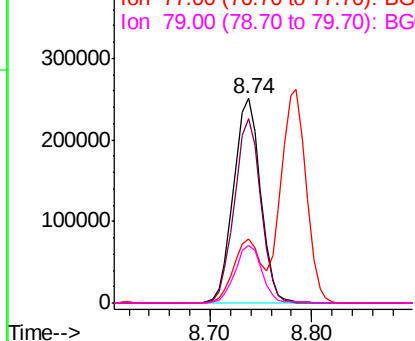
Abundance

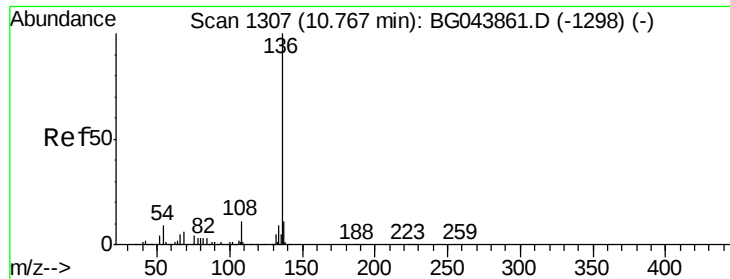
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion:136 Resp: 613402

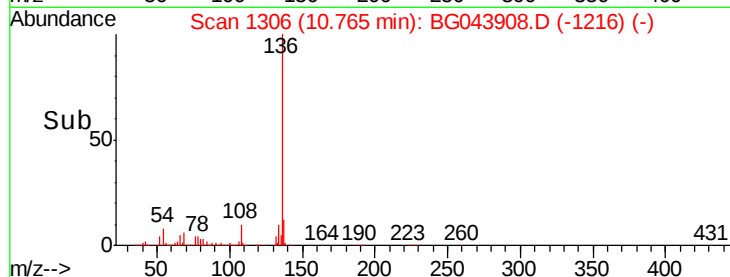
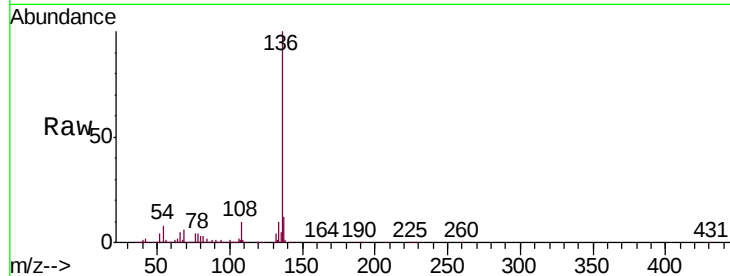
Ion Ratio Lower Upper

136 100

137 11.9 8.8 13.2

54 8.1 7.0 10.4

68 6.3 4.9 7.3

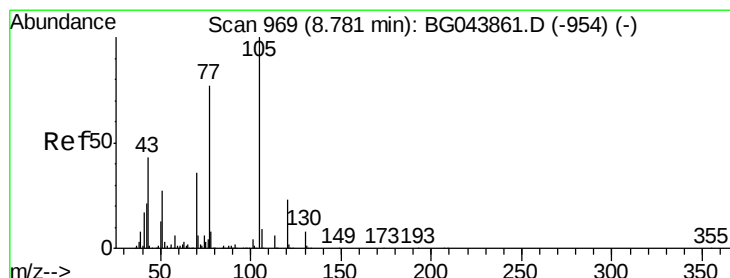
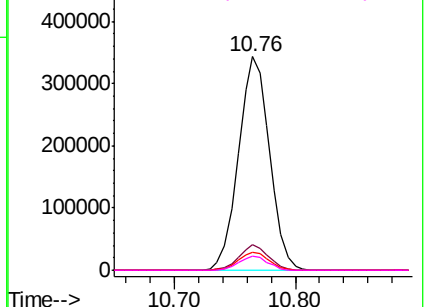


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 38.943 ng

RT: 8.78 min Scan# 969

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion:105 Resp: 593868

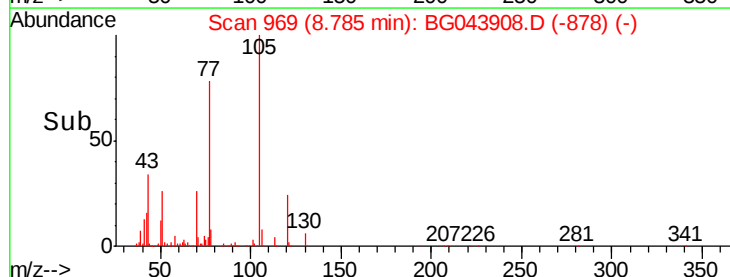
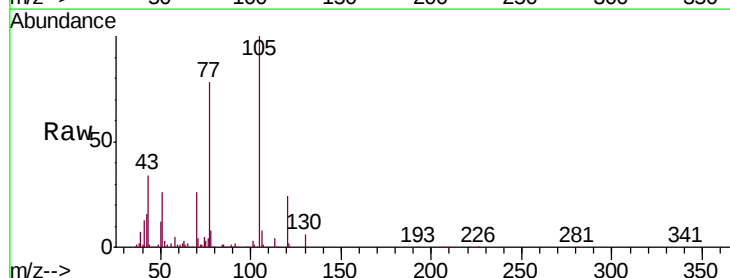
Ion Ratio Lower Upper

105 100

71 4.3 4.8 7.2#

51 25.8 21.4 32.0

120 23.9 18.6 28.0

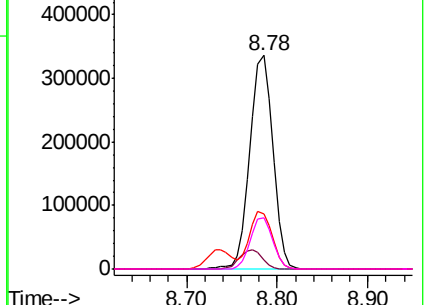


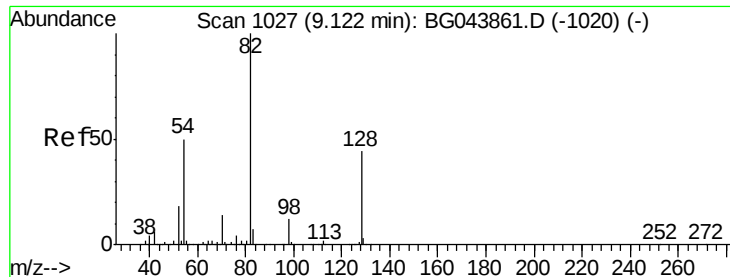
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.922 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

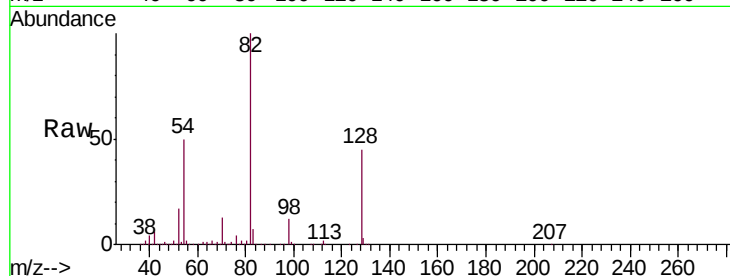
Tgt Ion: 82 Resp: 870545

Ion Ratio Lower Upper

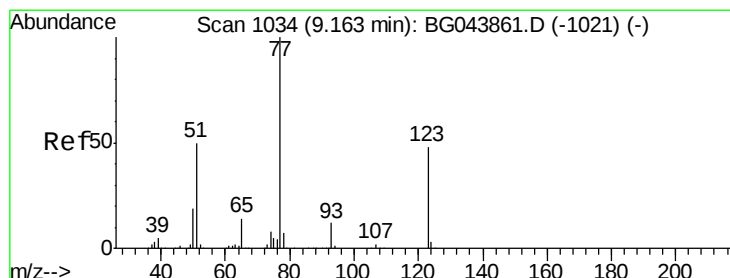
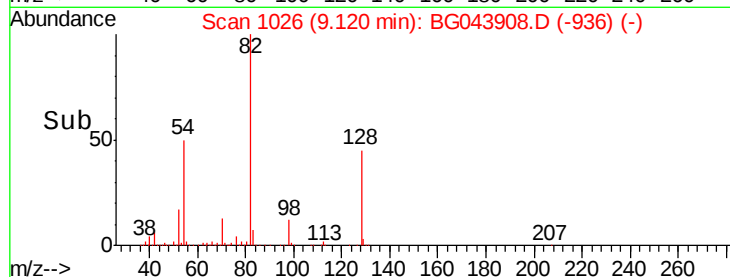
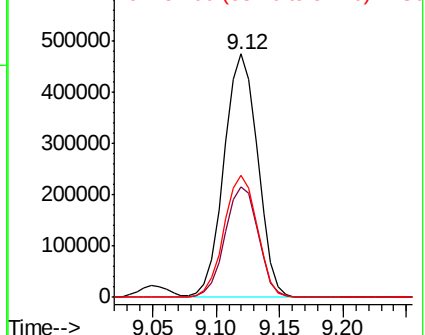
82 100

128 45.2 35.1 52.7

54 50.0 40.1 60.1



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



#24

Nitrobenzene

Concen: 38.963 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

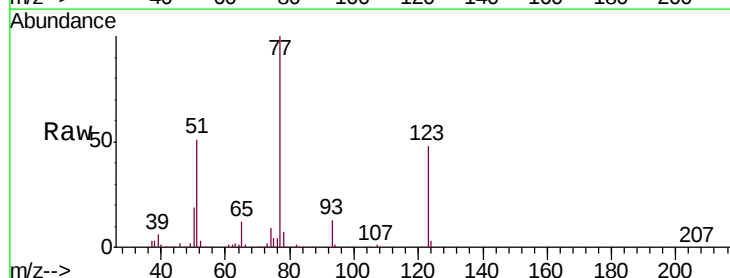
Tgt Ion: 77 Resp: 442483

Ion Ratio Lower Upper

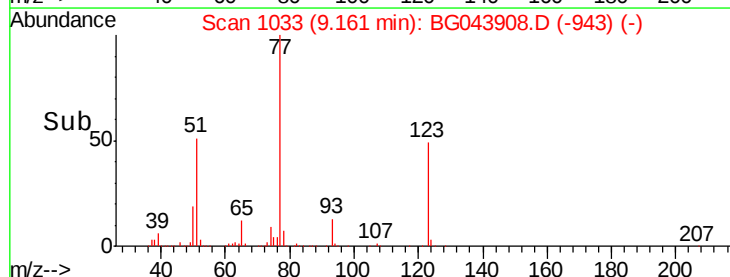
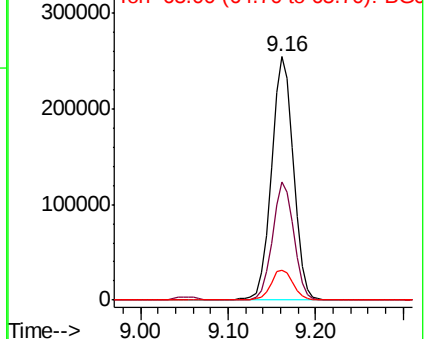
77 100

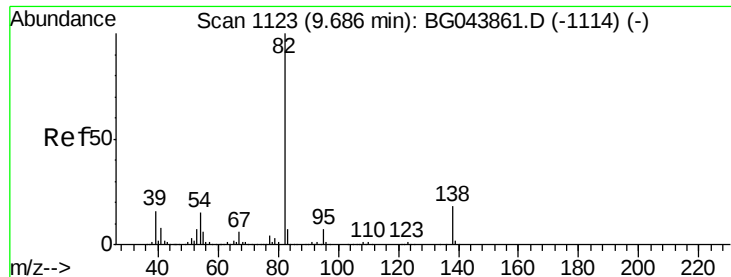
123 48.4 38.7 58.1

65 12.5 11.1 16.7



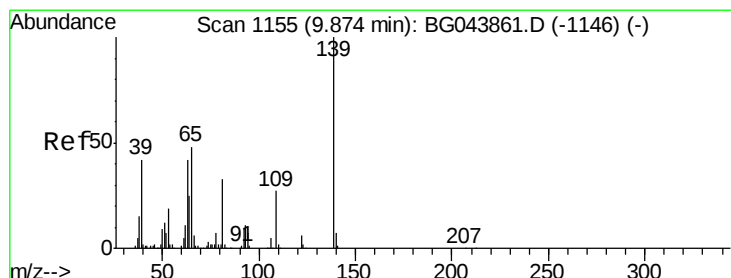
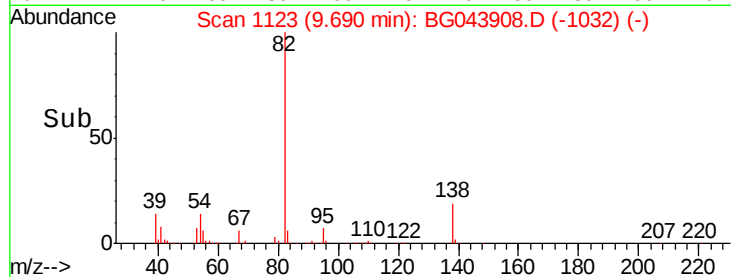
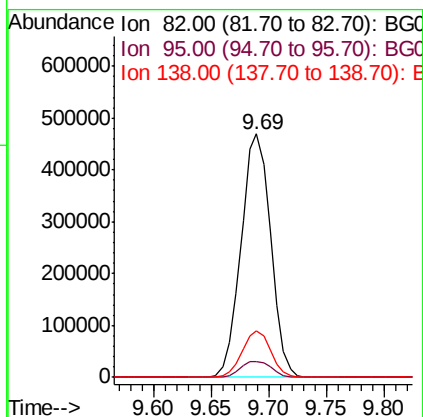
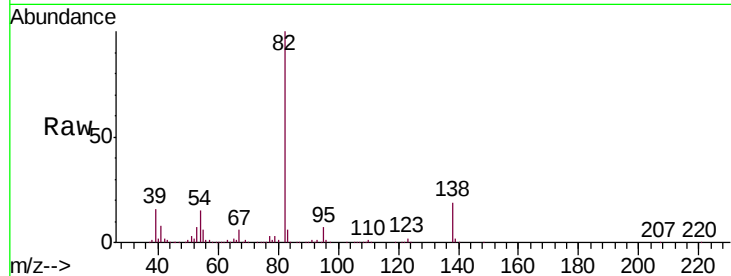
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





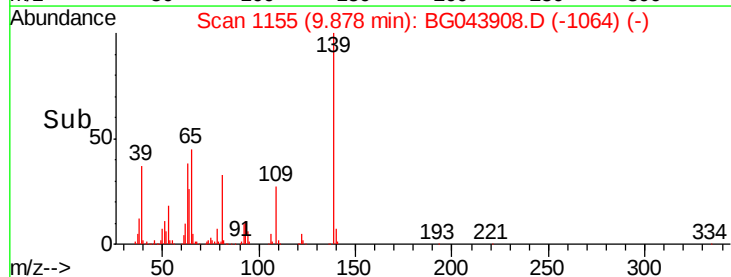
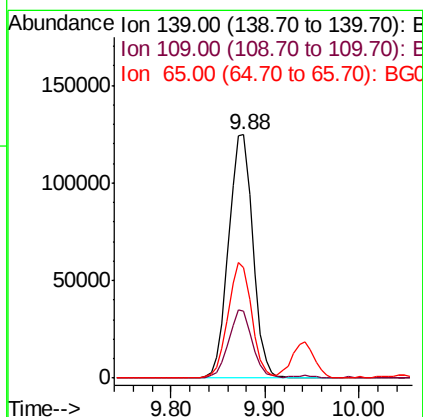
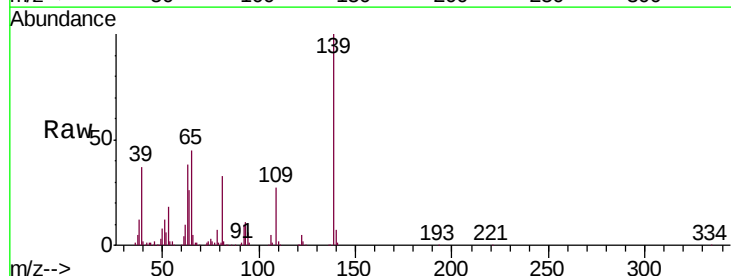
#25
Isophorone
Concen: 38.891 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

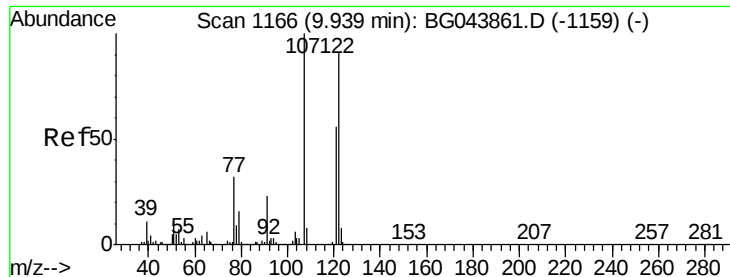
Tgt Ion: 82 Resp: 836621
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.6
138 19.0 14.6 22.0



#26
2-Nitrophenol
Concen: 41.706 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

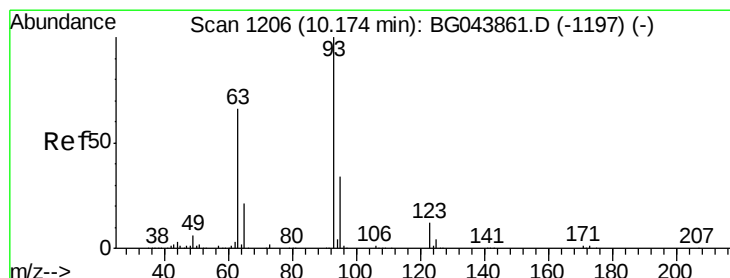
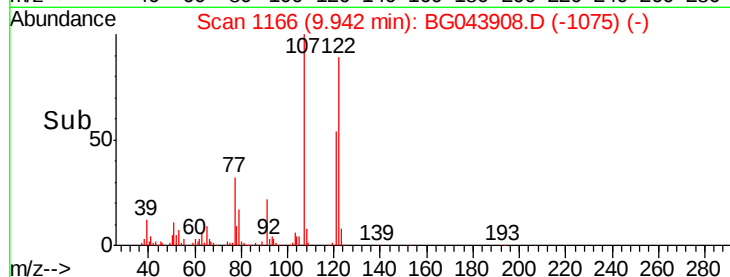
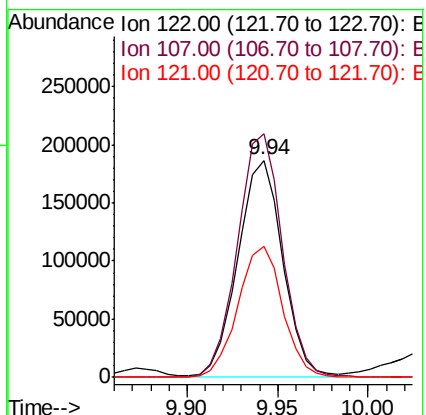
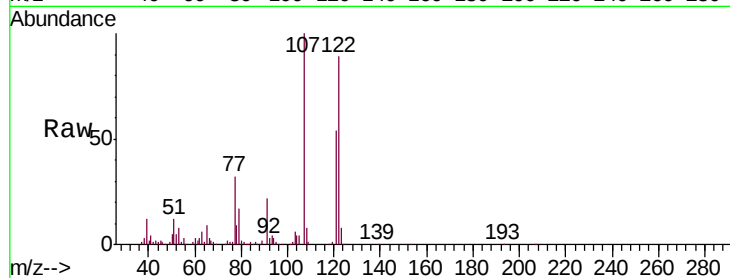
Tgt Ion: 139 Resp: 224087
Ion Ratio Lower Upper
139 100
109 27.3 21.3 31.9
65 45.5 38.6 57.8





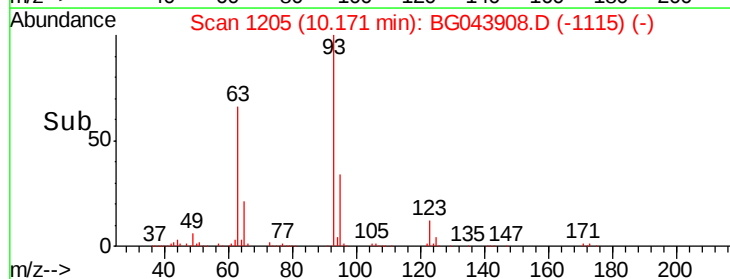
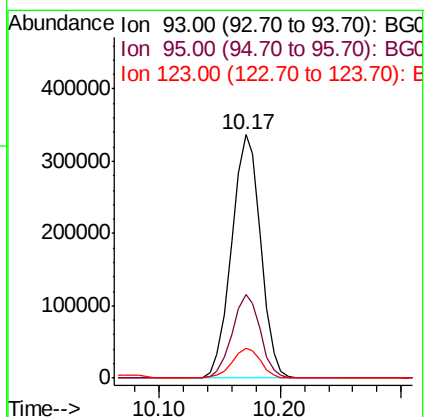
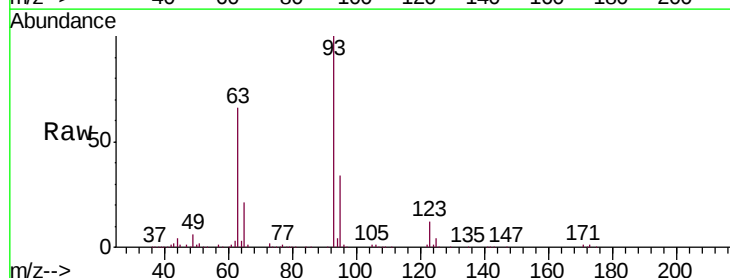
#27
2,4-Dimethylphenol
Concen: 39.482 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

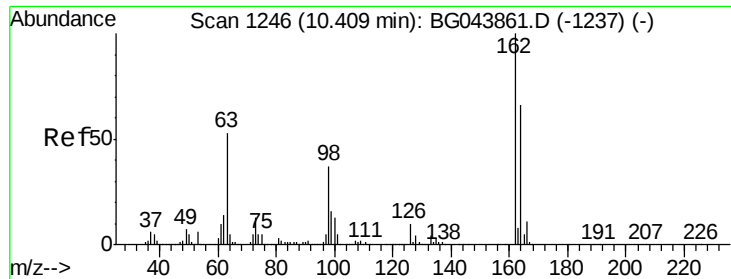
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.0	88.0	132.0
121	60.3	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.253 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

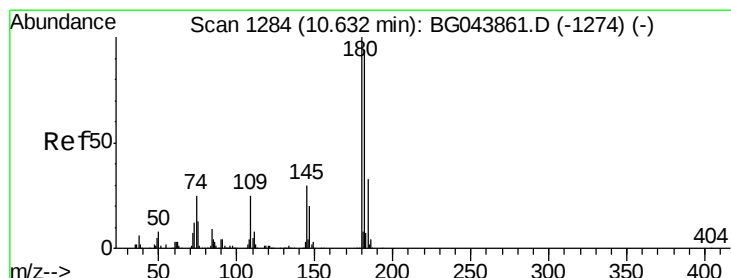
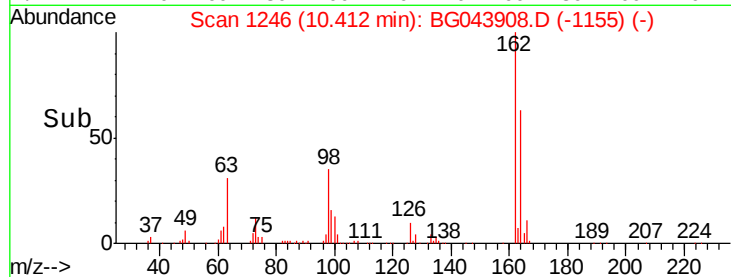
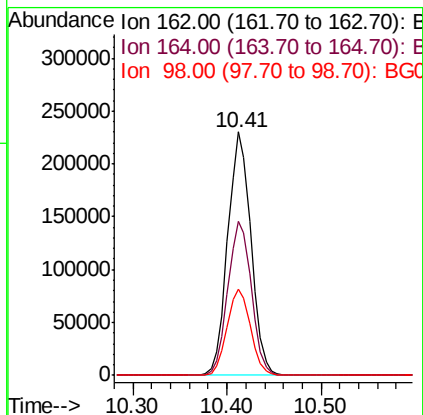
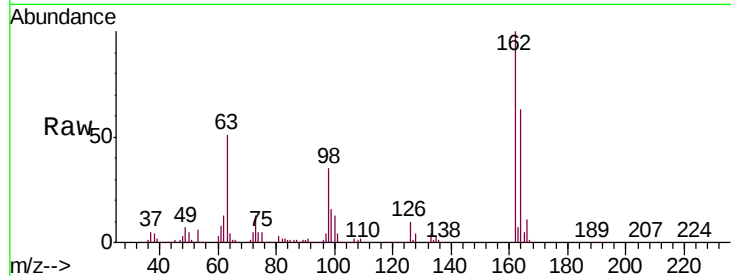
Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	27.2	40.8
123	12.2	9.7	14.5





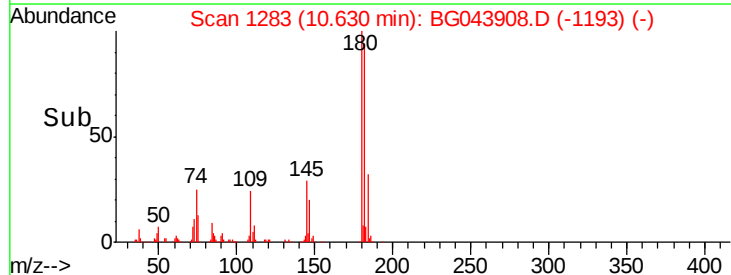
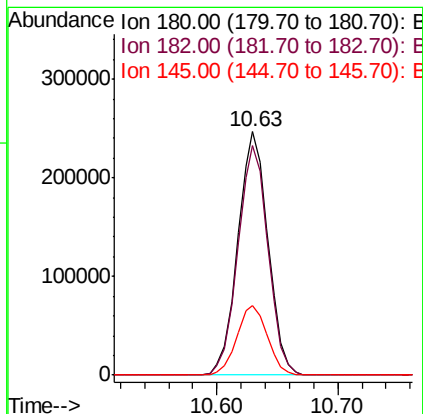
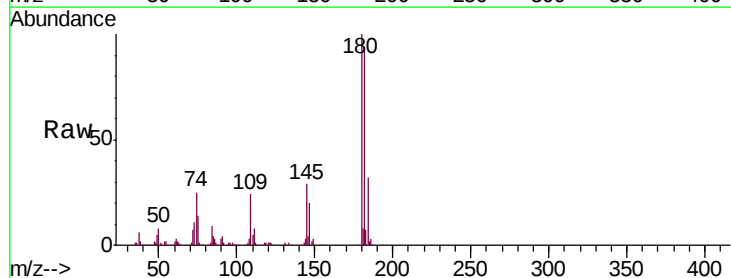
#29
 2,4-Dichlorophenol
 Concen: 40.916 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

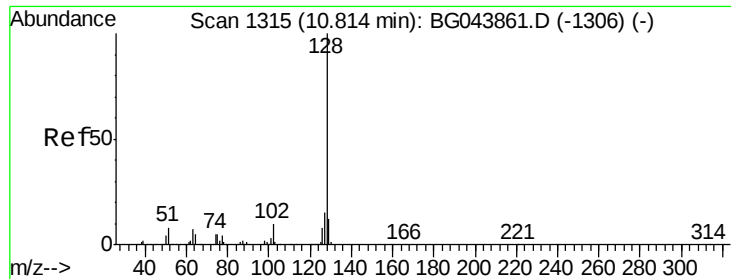
Tgt Ion:	162	Resp:	394739
Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.3	86.3
98	35.4	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.543 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

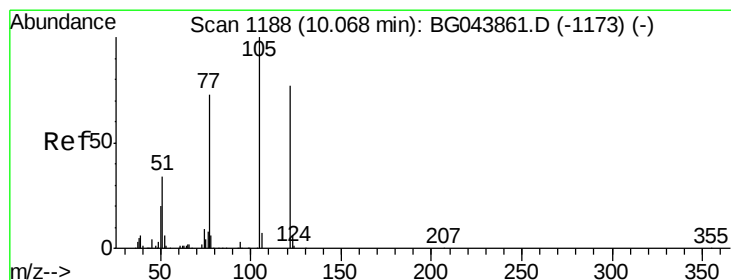
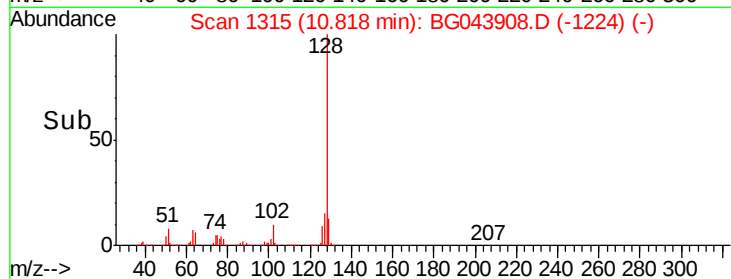
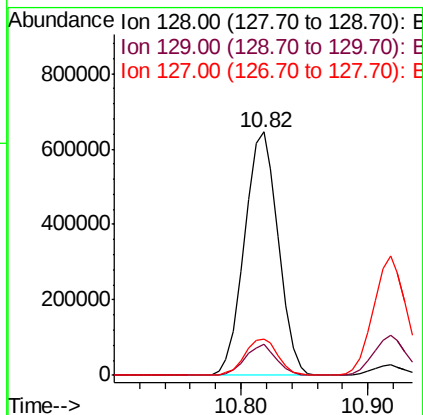
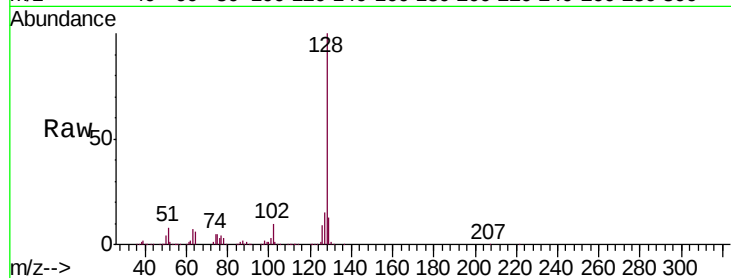
Tgt Ion:	180	Resp:	427740
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.0	112.4
145	28.8	24.2	36.4





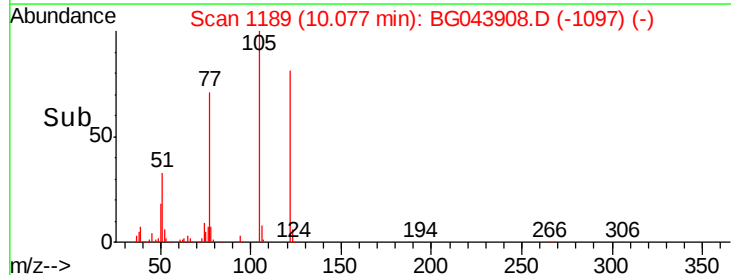
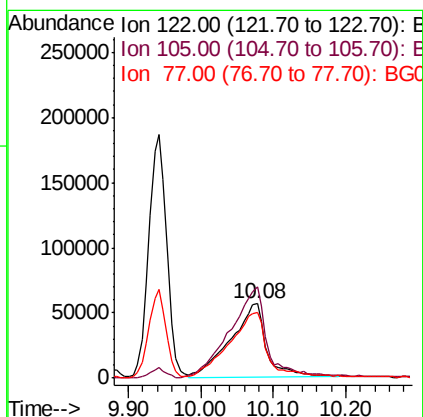
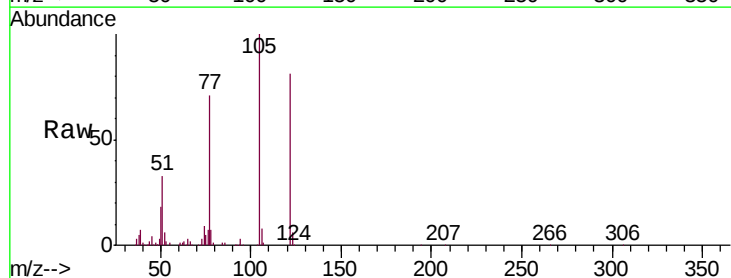
#31
Naphthalene
Concen: 40.133 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

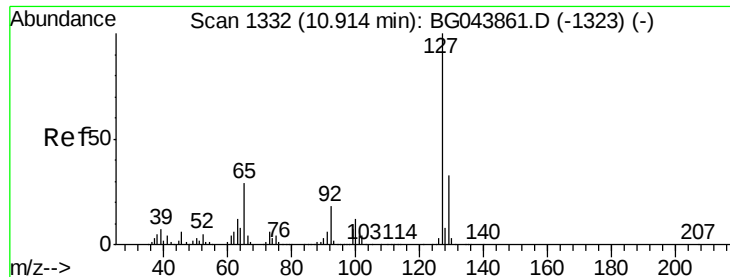
Tgt Ion:128 Resp: 1191273
Ion Ratio Lower Upper
128 100
129 12.7 9.8 14.6
127 14.9 12.0 18.0



#32
Benzoic acid
Concen: 31.624 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

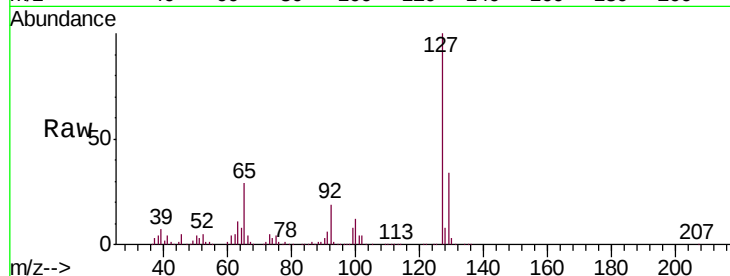
Tgt Ion:122 Resp: 192112
Ion Ratio Lower Upper
122 100
105 123.5 106.4 146.4
77 88.3 74.6 114.6



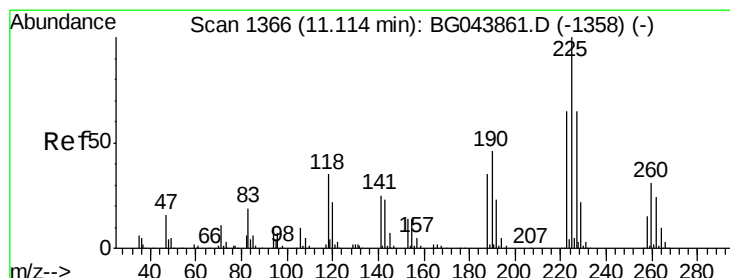
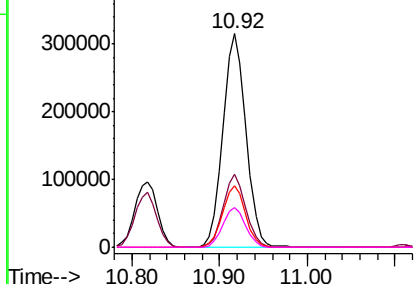
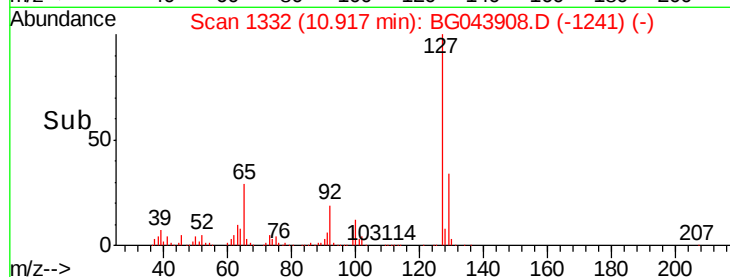


#33
4-Chloroaniline
Concen: 40.391 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:	127	Resp:	571853
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	28.9	23.3	34.9
92	18.8	14.7	22.1

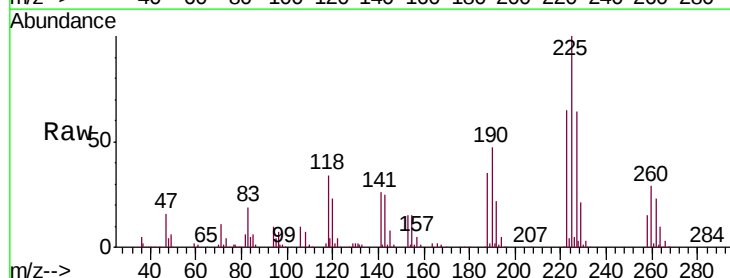


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

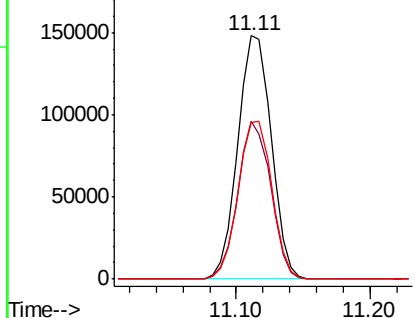
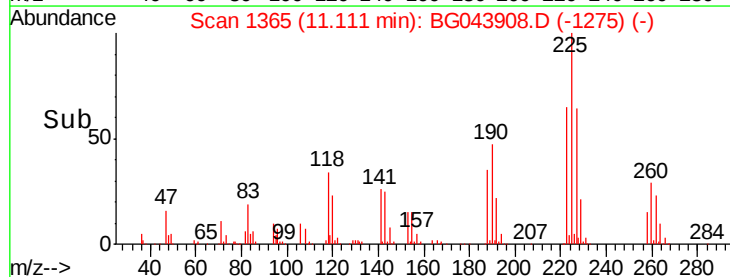


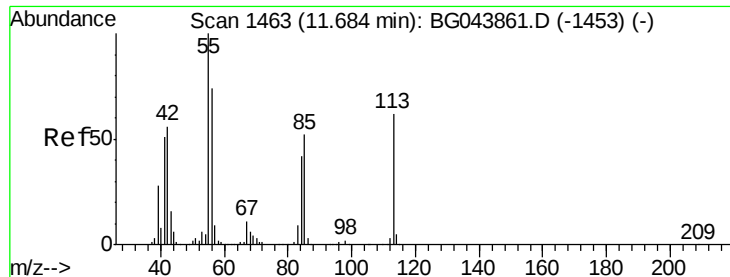
#34
Hexachlorobutadiene
Concen: 38.889 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:	225	Resp:	256842
Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.2	78.4
227	64.5	52.1	78.1



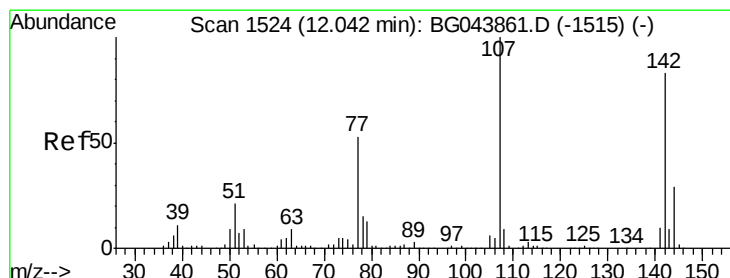
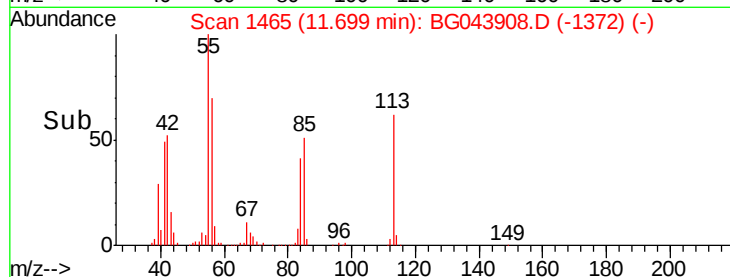
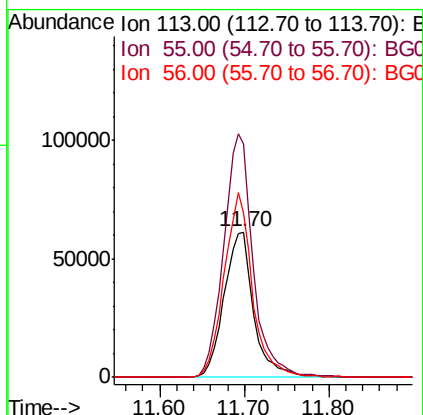
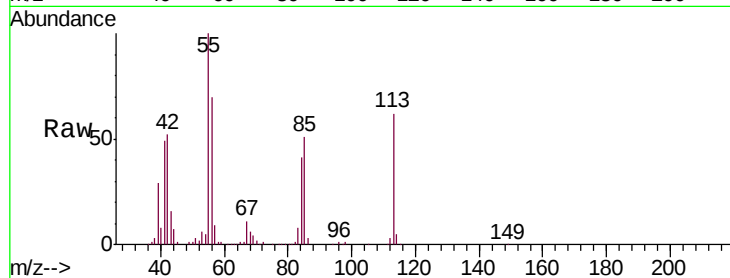
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





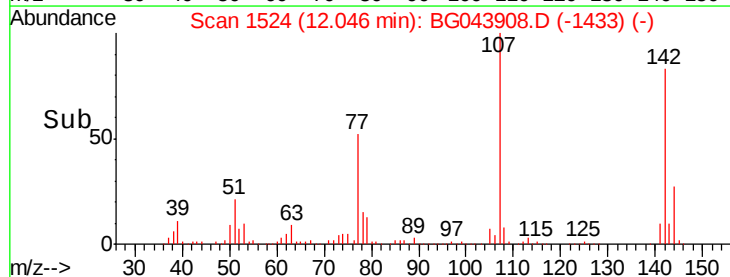
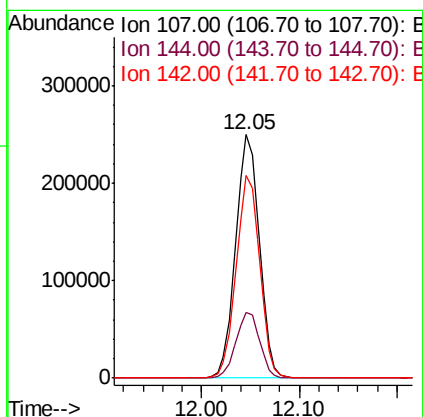
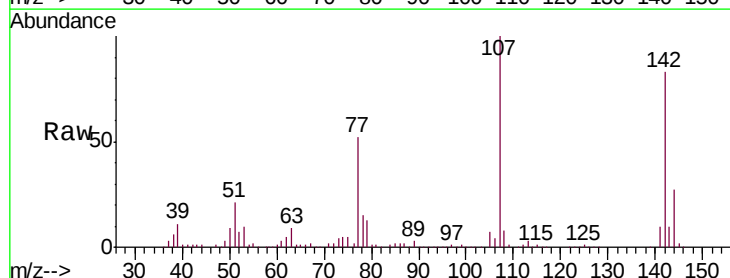
#35
 Caprolactam
 Concen: 41.150 ng
 RT: 11.70 min Scan# 1465
 Delta R.T. 0.02 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

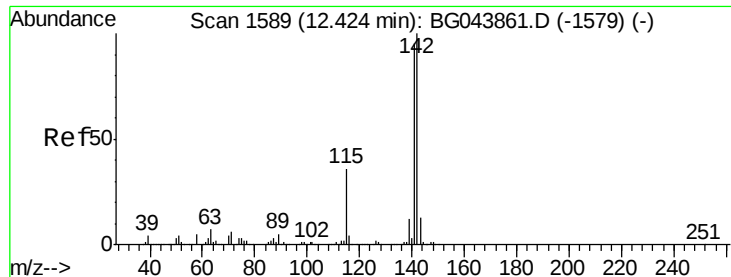
Tgt Ion: 113 Resp: 147788
 Ion Ratio Lower Upper
 113 100
 55 160.9 142.5 182.5
 56 113.3 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.293 ng
 RT: 12.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

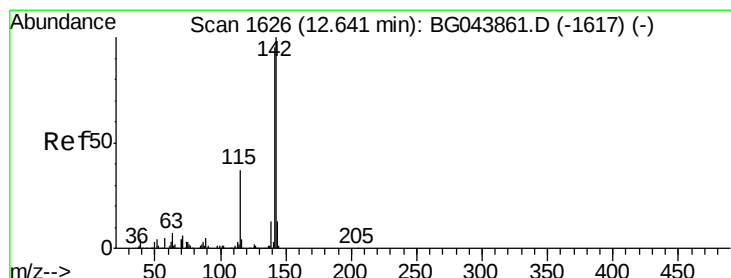
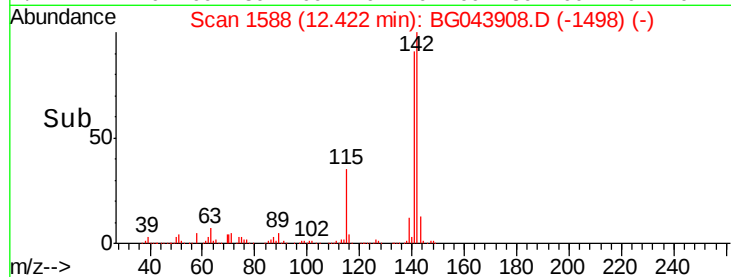
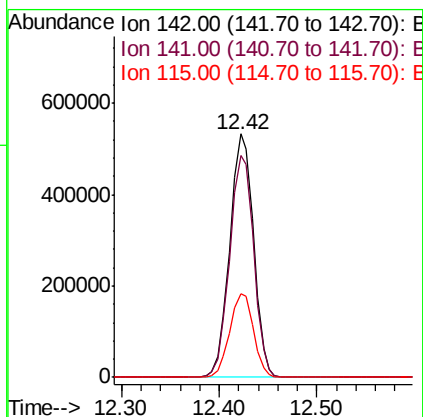
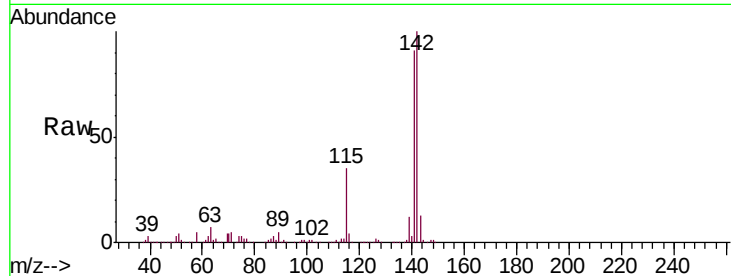
Tgt Ion: 107 Resp: 424094
 Ion Ratio Lower Upper
 107 100
 144 27.2 23.4 35.2
 142 83.5 66.3 99.5





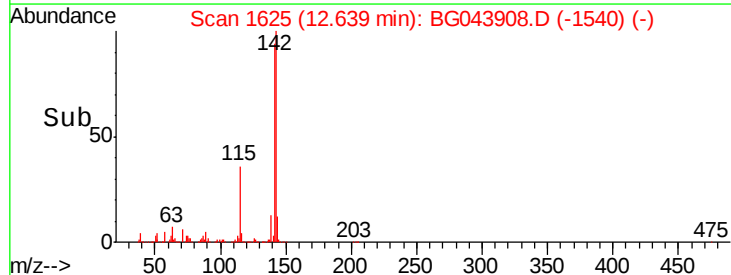
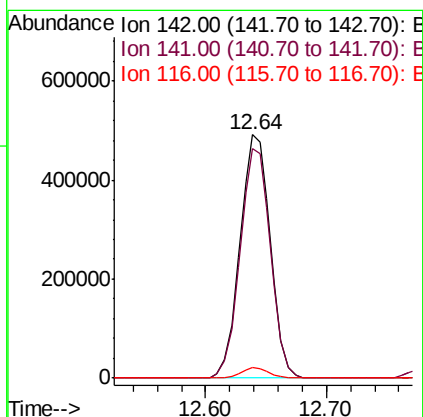
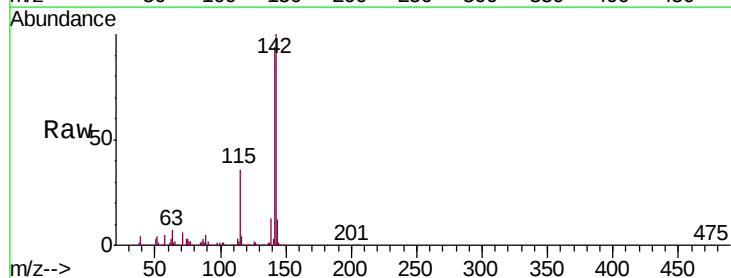
#37
 2-Methylnaphthalene
 Concen: 40.241 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

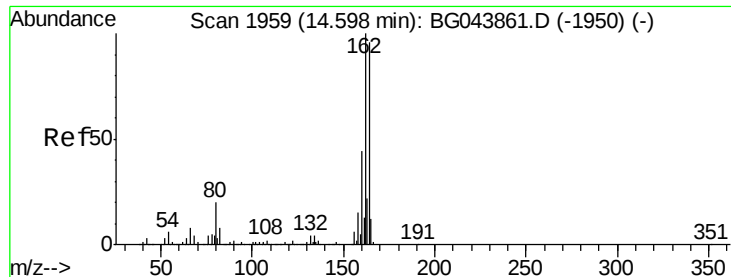
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	75.8	113.8
115	34.6	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 40.340 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.0	114.0
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

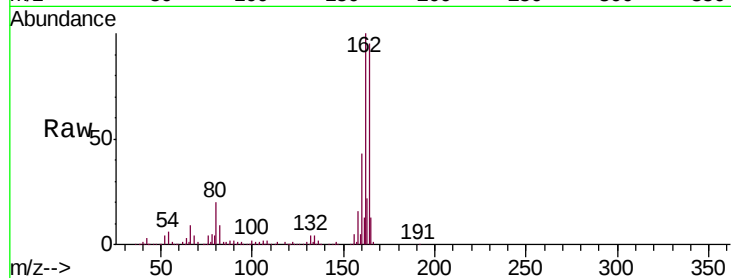
RT: 14.60 min Scan# 1958

Delta R.T. -0.00 min

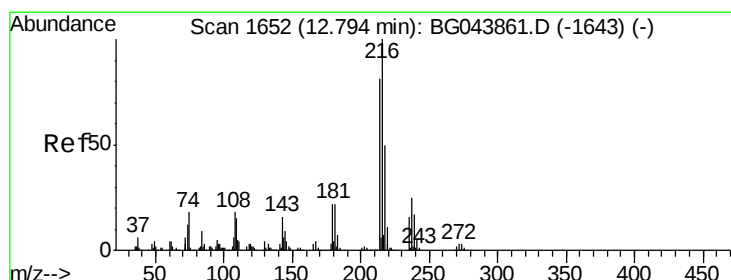
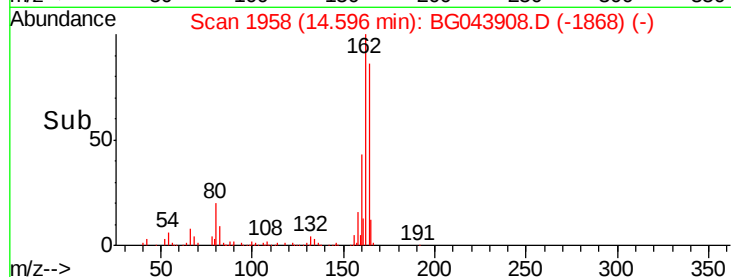
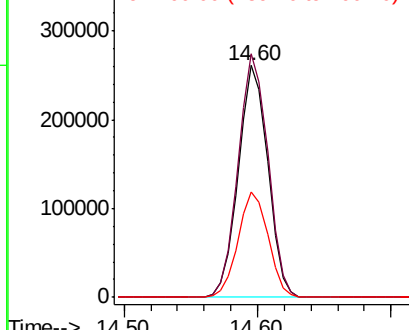
Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion:	164	Resp:	399462
Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.4
160	45.5	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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.758 ng

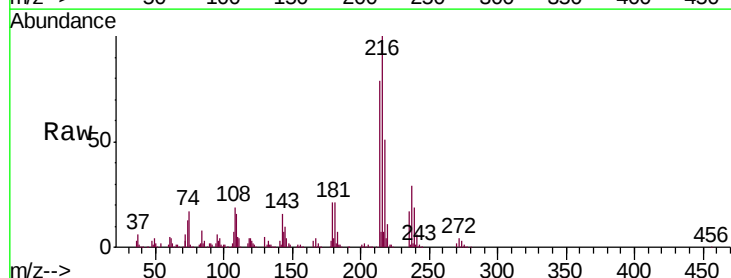
RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

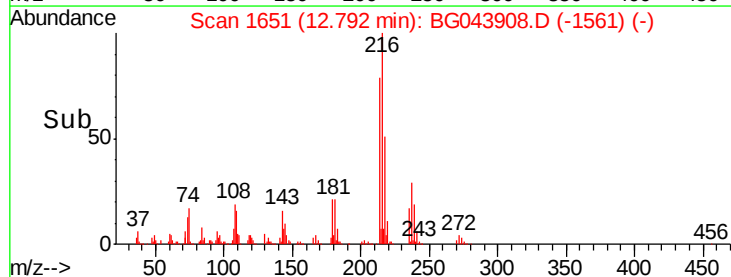
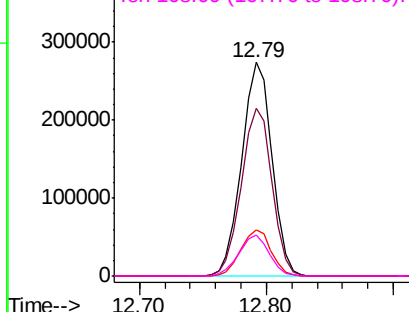
Lab File: BG043908.D

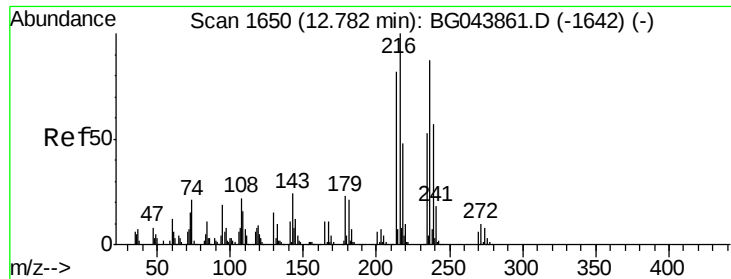
Acq: 4 Jan 2020 5:43

Tgt Ion:	216	Resp:	453787
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.8
179	21.7	17.3	25.9
108	19.3	15.3	22.9



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.854 ng

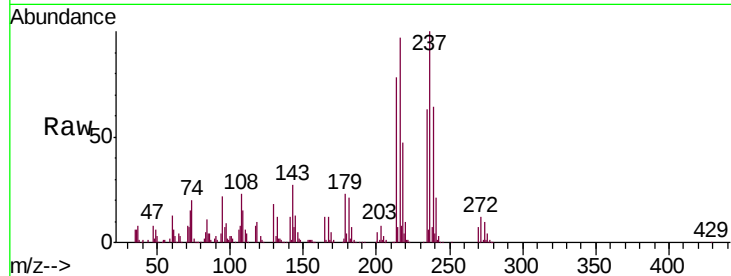
RT: 12.78 min Scan# 1649

Delta R.T. -0.00 min

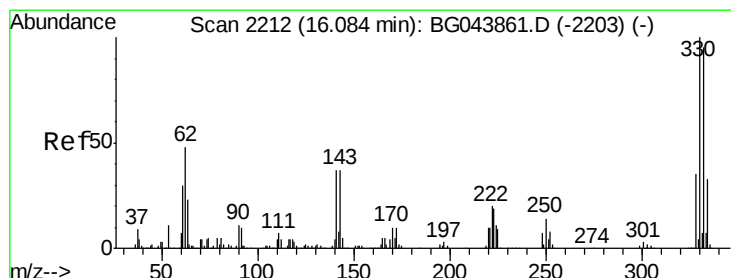
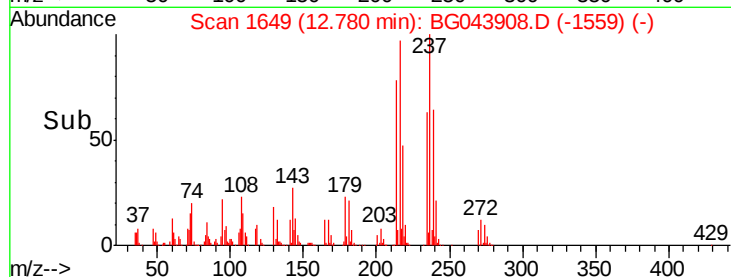
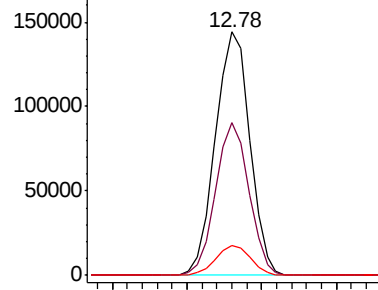
Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion:	237	Resp:	229771
Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.1	81.1
272	12.1	0.0	31.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.123 ng

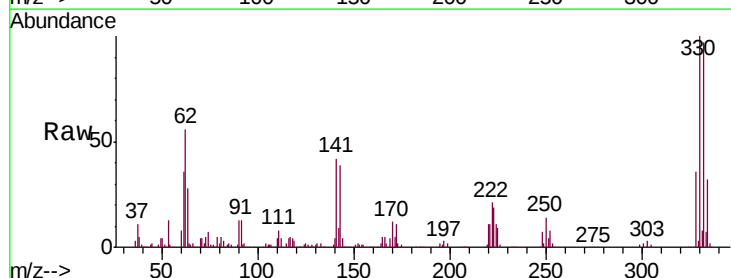
RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

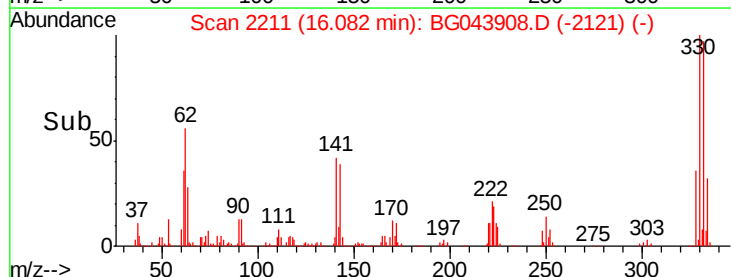
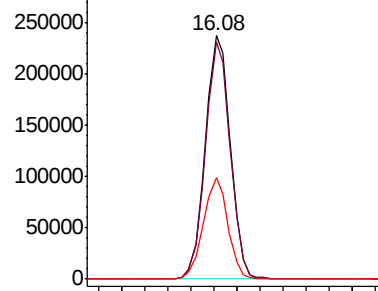
Lab File: BG043908.D

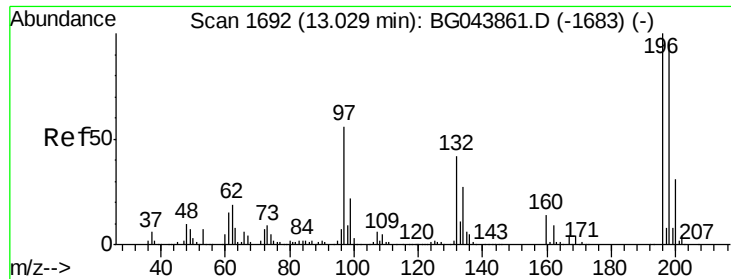
Acq: 4 Jan 2020 5:43

Tgt Ion:	330	Resp:	355840
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	41.1	33.1	49.7



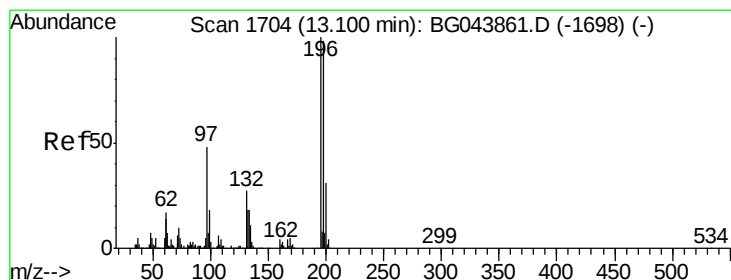
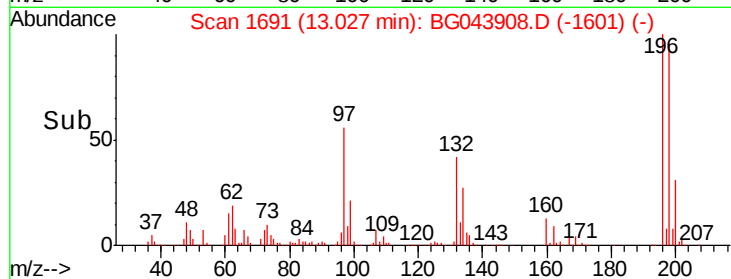
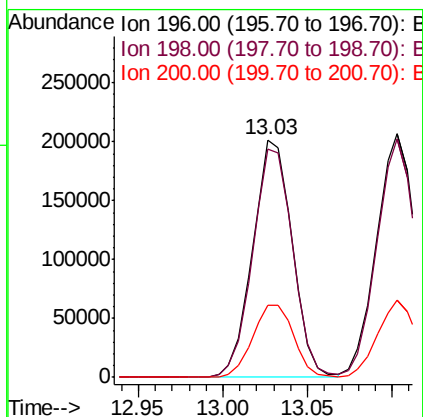
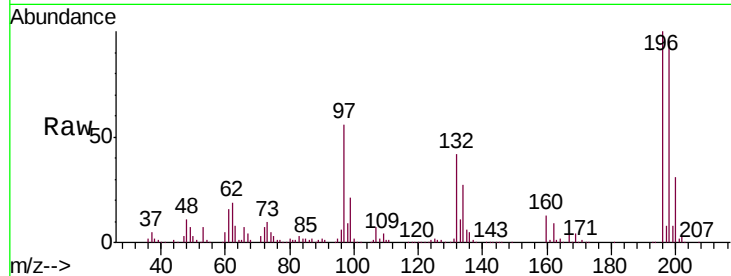
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





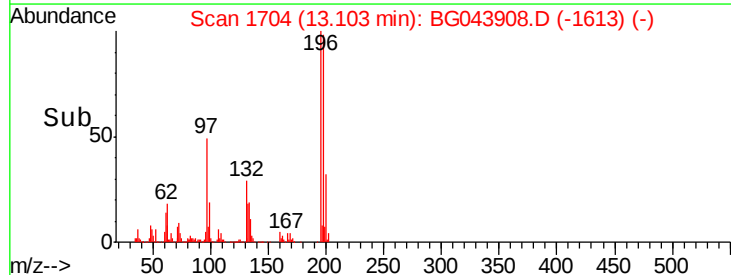
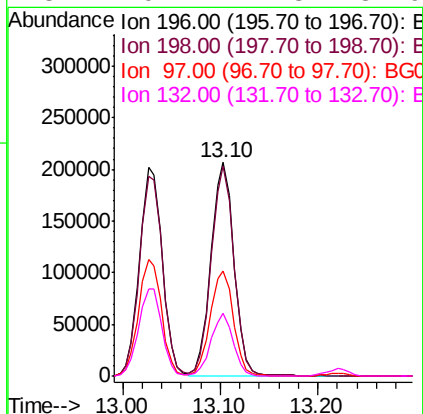
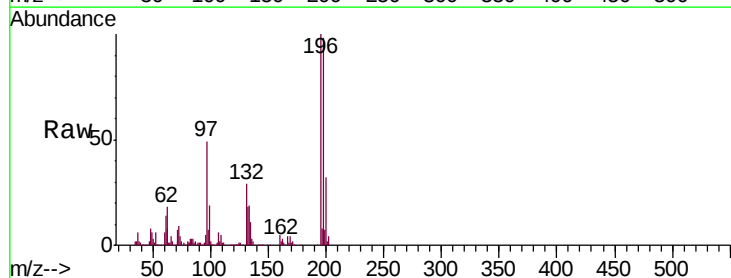
#43
 2,4,6-Trichlorophenol
 Concen: 40.672 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

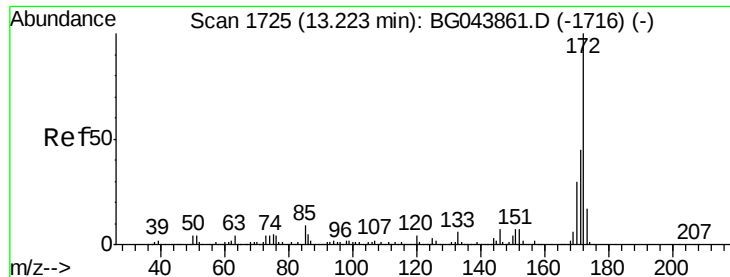
Tgt Ion	Resp	Ratio	Lower	Upper
196	327664	100		
198	96.0	76.6	115.0	
200	30.6	24.6	37.0	



#44
 2,4,5-Trichlorophenol
 Concen: 40.638 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

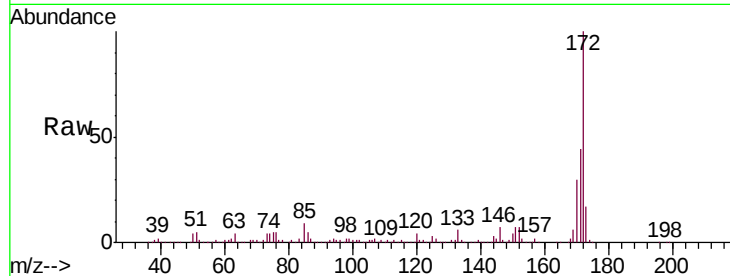
Tgt Ion	Resp	Ratio	Lower	Upper
196	337662	100		
198	98.0	78.3	117.5	
97	49.2	38.8	58.2	
132	29.2	21.3	31.9	



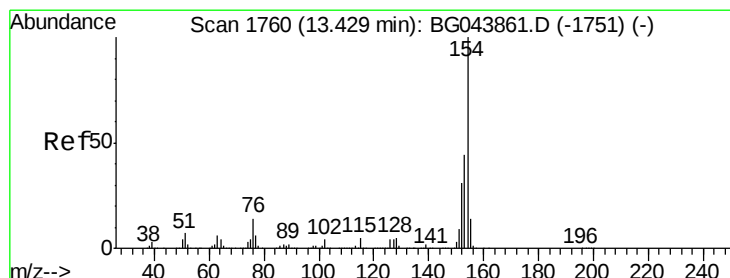
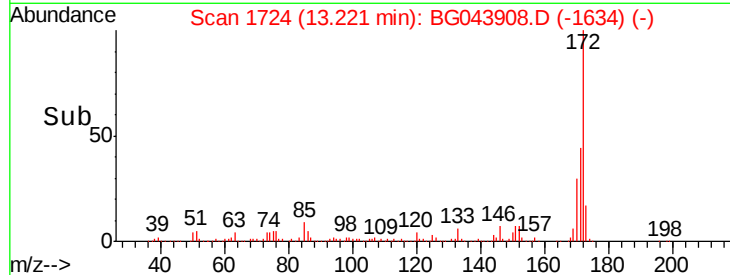
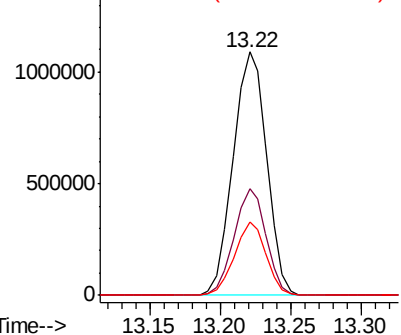


#45
 2-Fluorobiphenyl
 Concen: 82.580 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion:	172	Resp:	1820738
Ion	Ratio	Lower	Upper
172	100		
171	43.9	35.8	53.8
170	30.1	24.2	36.4

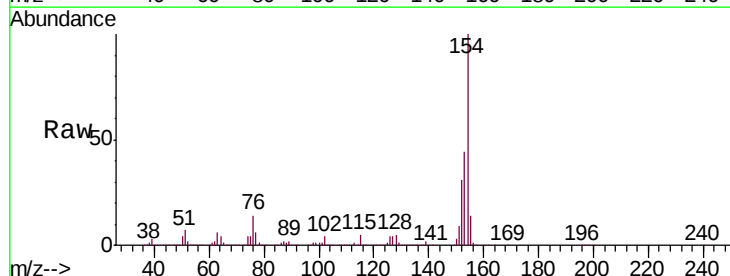


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

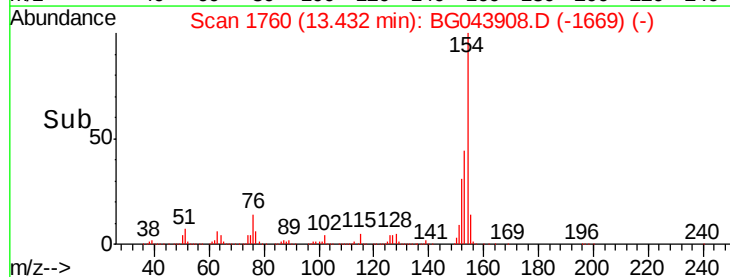
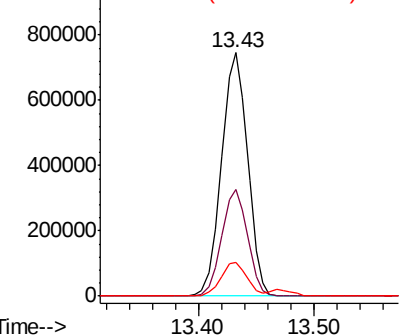


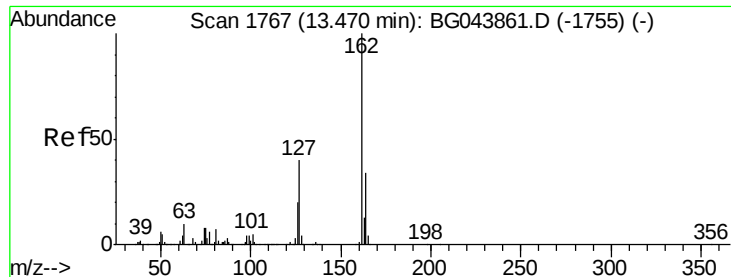
#46
 1,1'-Biphenyl
 Concen: 40.575 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion:	154	Resp:	1162107
Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.6	63.6
76	14.0	0.0	34.4



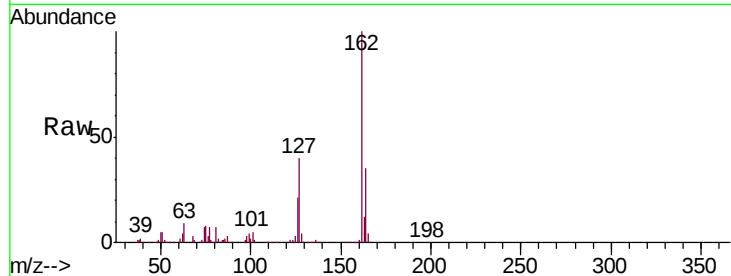
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG



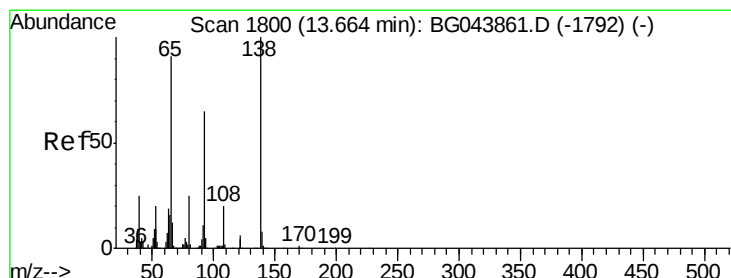
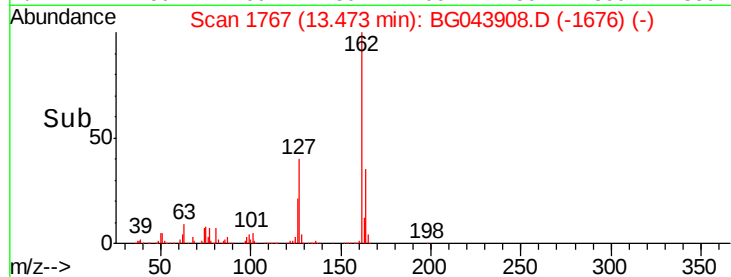
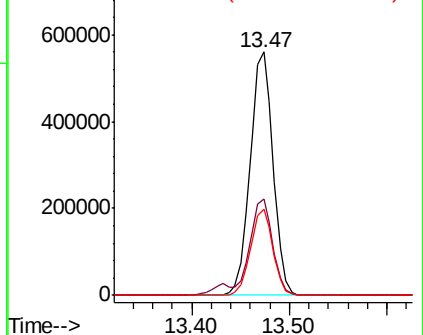


#47
 2-Chloronaphthalene
 Concen: 39.811 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.1	48.1
164	35.2	27.5	41.3

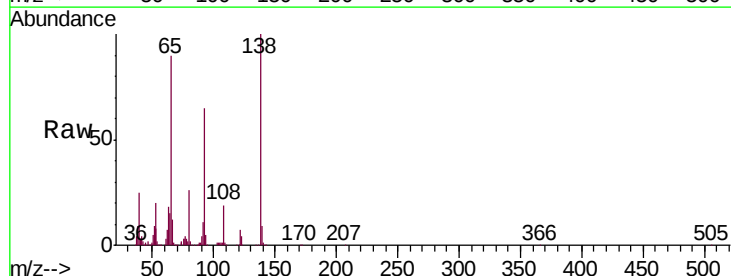


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

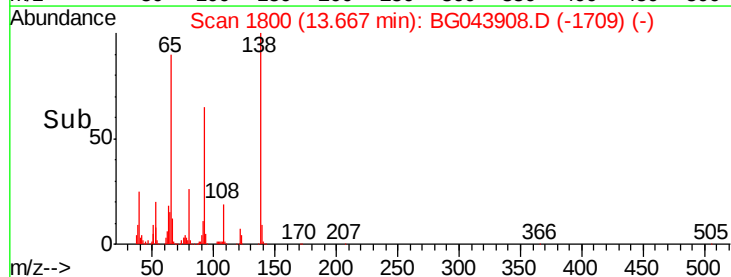
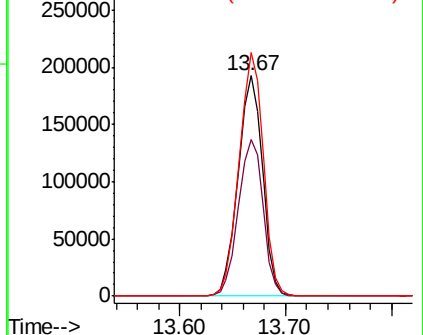


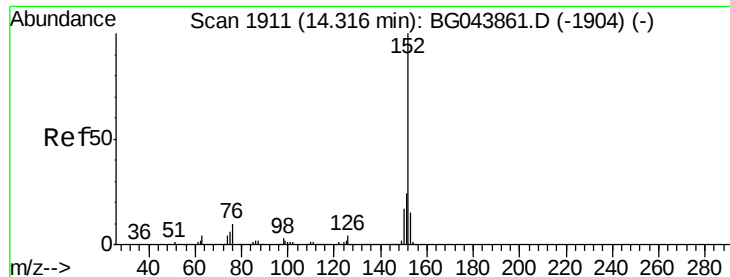
#48
 2-Nitroaniline
 Concen: 41.331 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.4	86.2
138	110.5	88.2	132.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.025 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

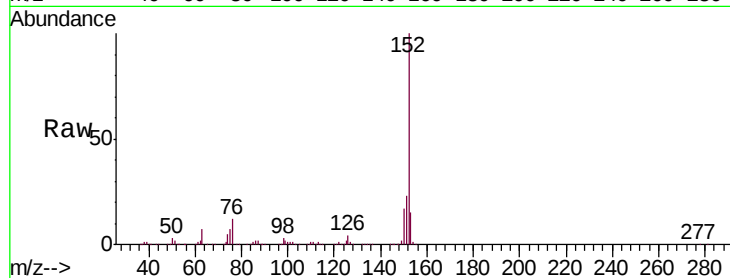
Tgt Ion:152 Resp: 1364676

Ion Ratio Lower Upper

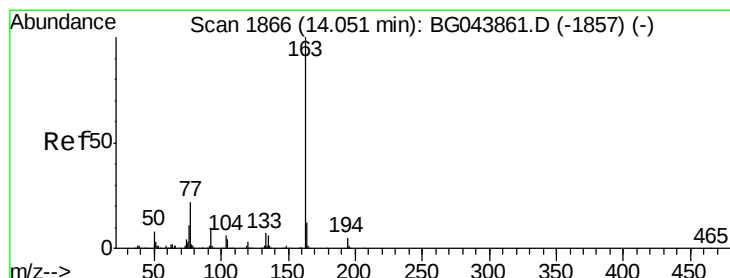
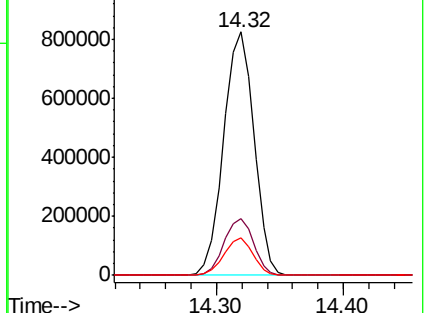
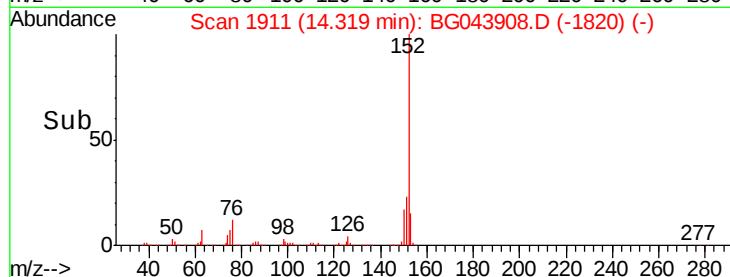
152 100

151 23.4 19.4 29.2

153 15.3 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.474 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

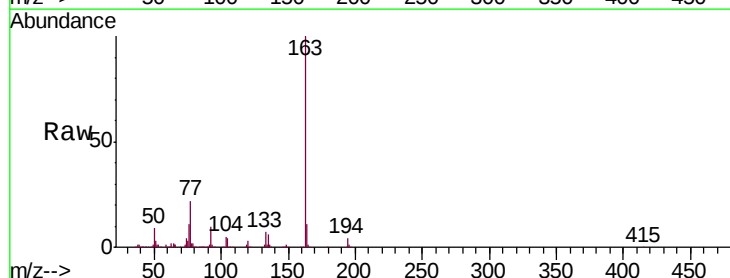
Tgt Ion:163 Resp: 1176350

Ion Ratio Lower Upper

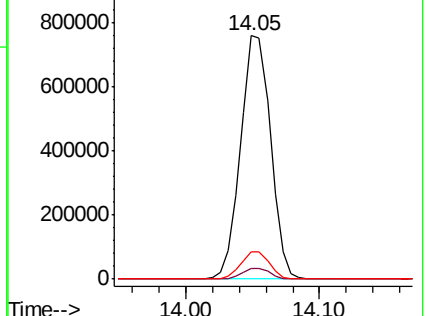
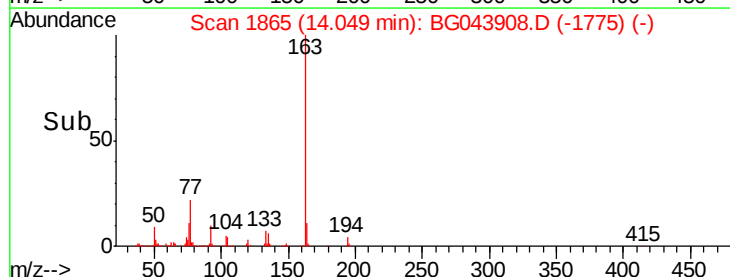
163 100

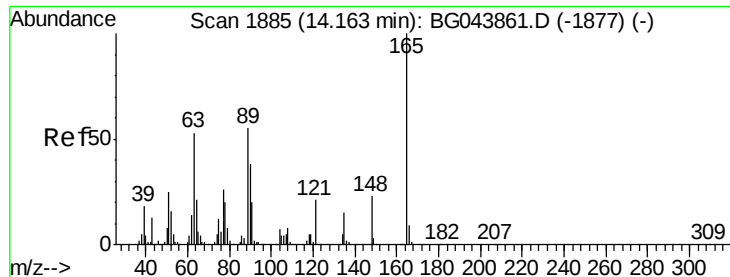
194 4.3 3.7 5.5

164 11.2 9.3 13.9



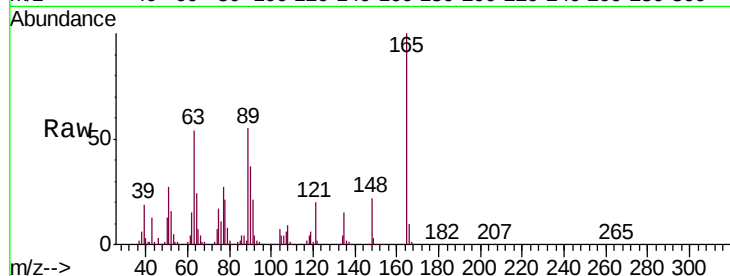
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



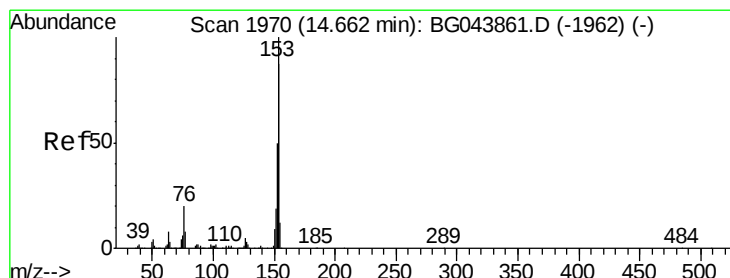
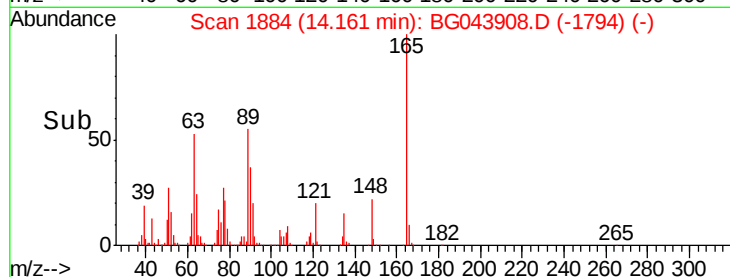
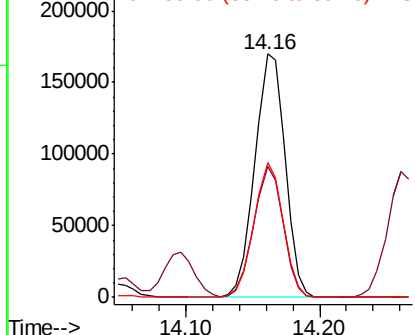


#51
2,6-Dinitrotoluene
Concen: 41.494 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.7	43.1	64.7
89	55.4	43.8	65.6

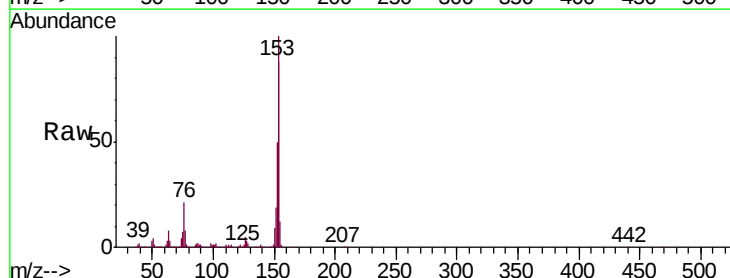


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

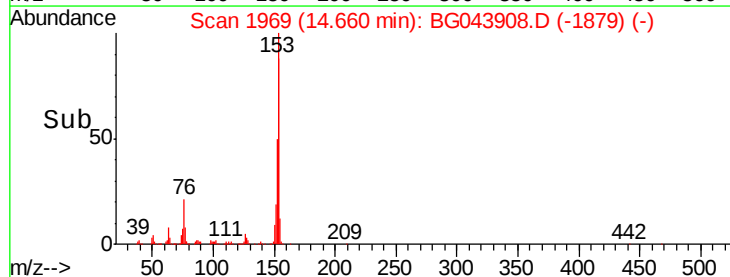
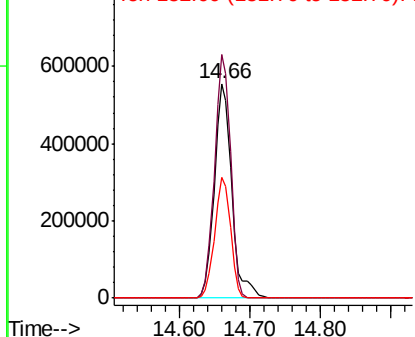


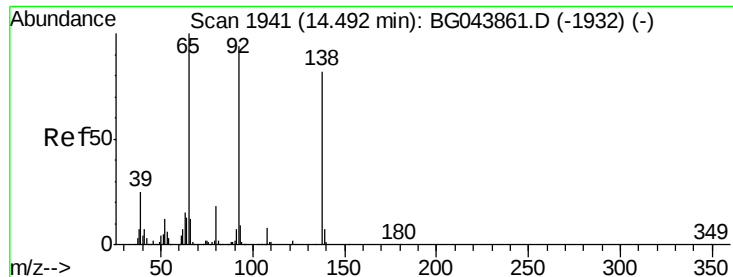
#52
Acenaphthene
Concen: 40.474 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.6	137.4
152	56.6	45.4	68.0



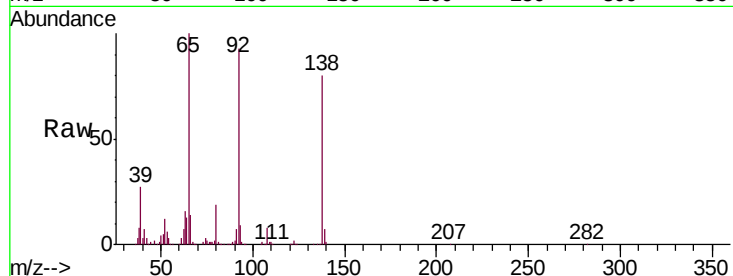
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



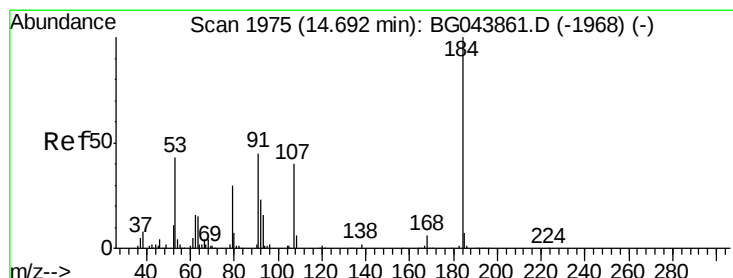
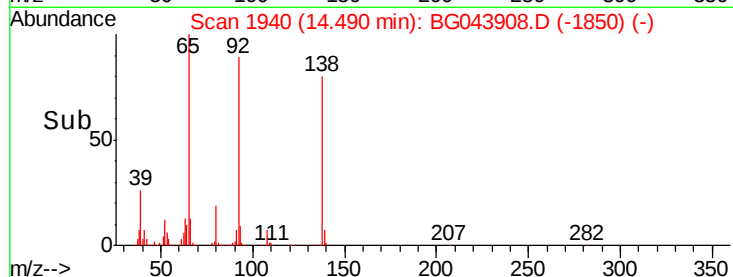
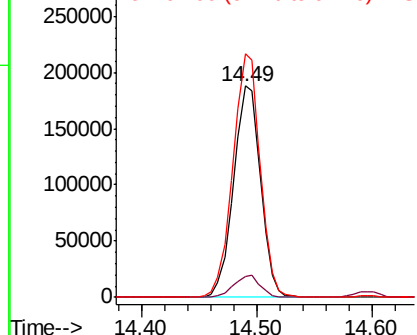


#53
3-Nitroaniline
Concen: 41.845 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:138 Resp: 304634
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.2
92 115.1 92.1 138.1

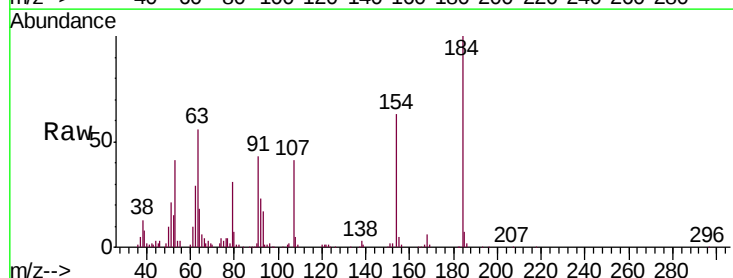


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

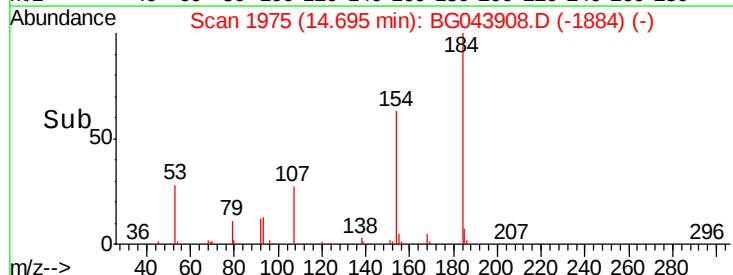
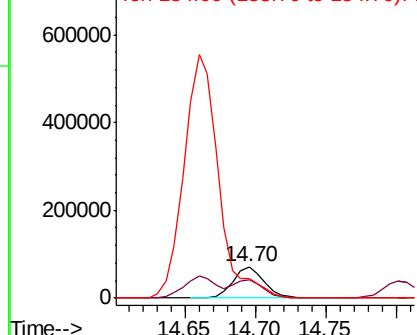


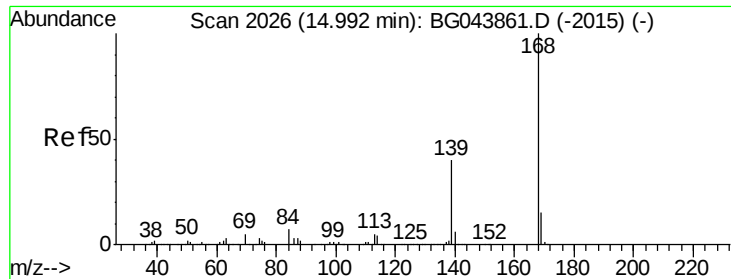
#54
2,4-Dinitrophenol
Concen: 37.133 ng
RT: 14.70 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:184 Resp: 110973
Ion Ratio Lower Upper
184 100
63 56.3 46.6 70.0
154 62.7 50.2 75.4



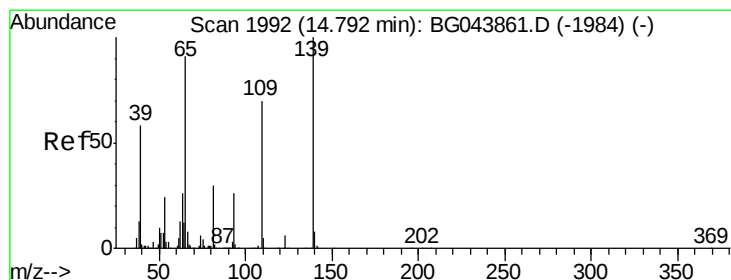
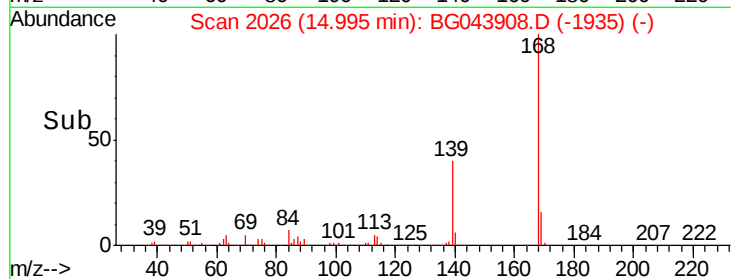
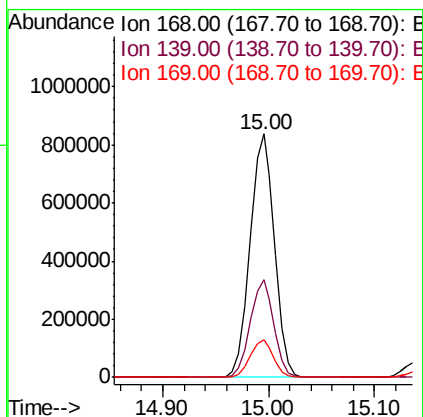
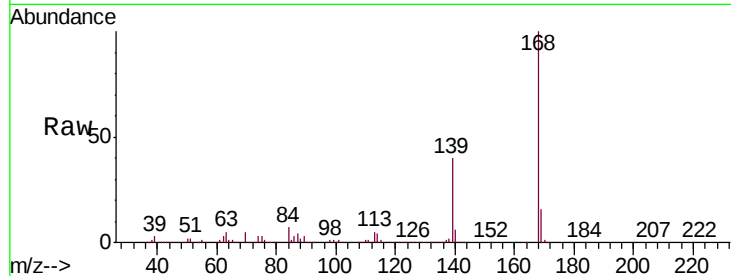
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





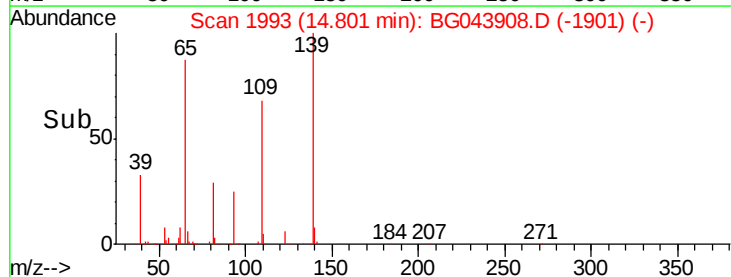
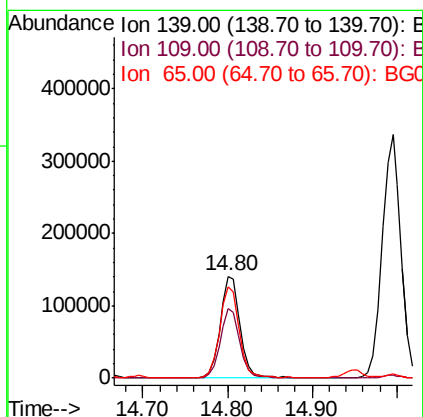
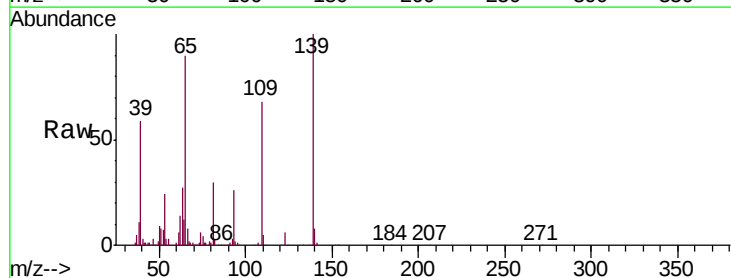
#55
Dibenzofuran
Concen: 41.720 ng
RT: 15.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

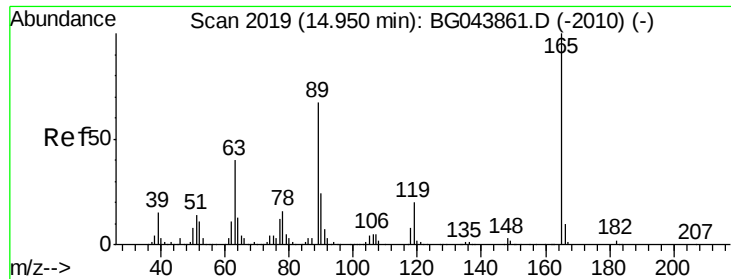
Tgt Ion:168 Resp: 1339757
Ion Ratio Lower Upper
168 100
139 40.2 32.2 48.2
169 15.6 12.2 18.2



#56
4-Nitrophenol
Concen: 41.432 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

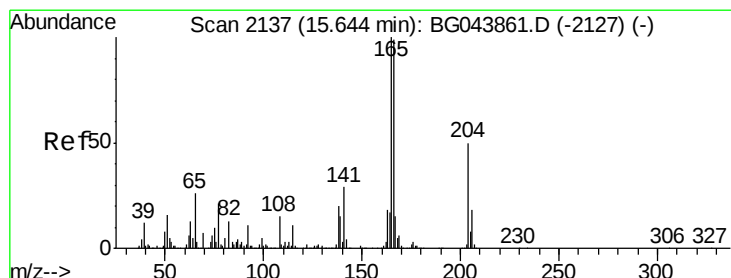
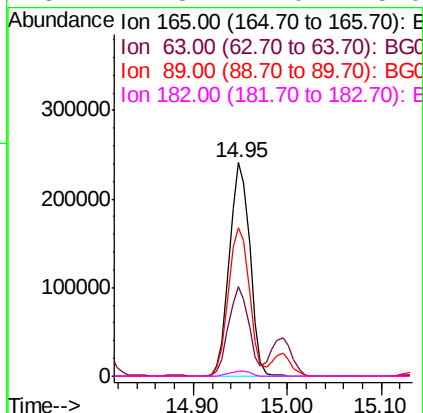
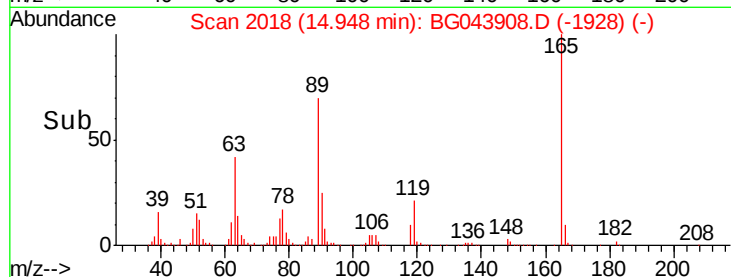
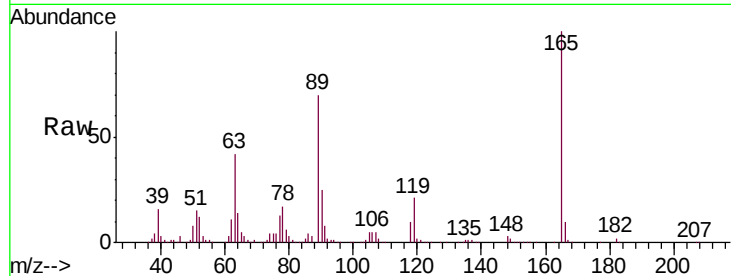
Tgt Ion:139 Resp: 231139
Ion Ratio Lower Upper
139 100
109 68.1 50.4 90.4
65 90.1 71.4 111.4





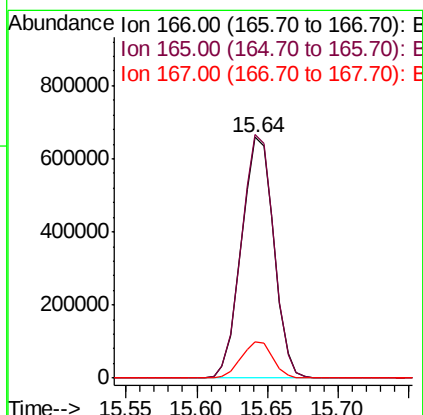
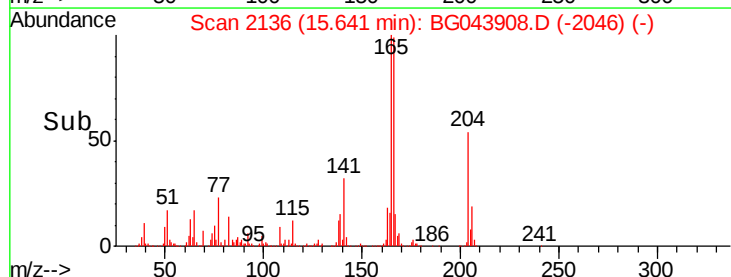
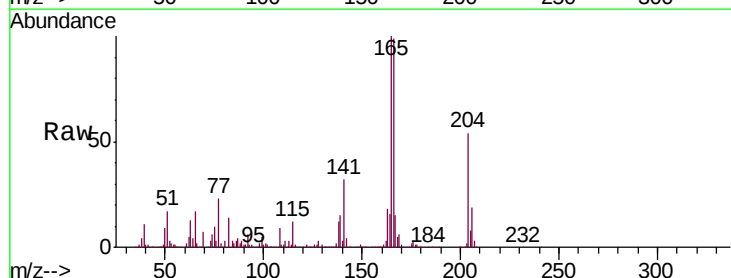
#57
2,4-Dinitrotoluene
Concen: 41.919 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

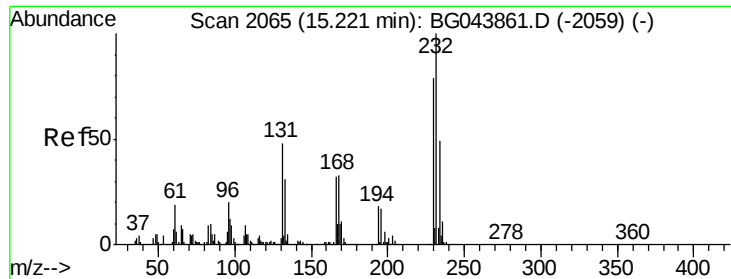
Tgt Ion:	165	Resp:	365667
Ion	Ratio	Lower	Upper
165	100		
63	42.1	31.9	47.9
89	69.7	53.8	80.6
182	2.3	2.0	3.0



#58
Fluorene
Concen: 41.577 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

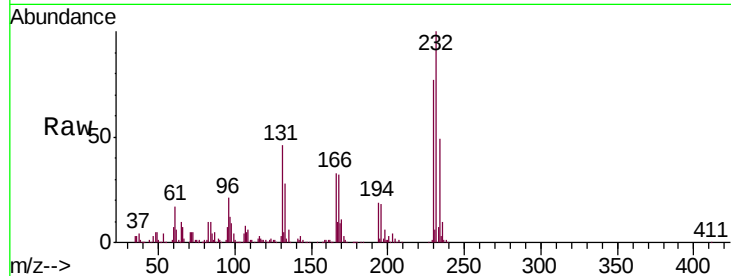
Tgt Ion:	166	Resp:	1058273
Ion	Ratio	Lower	Upper
166	100		
165	101.1	80.8	121.2
167	15.1	12.1	18.1



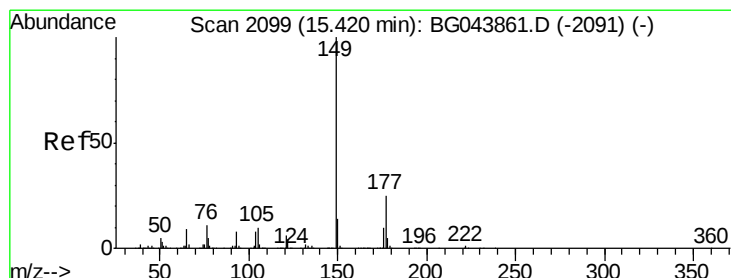
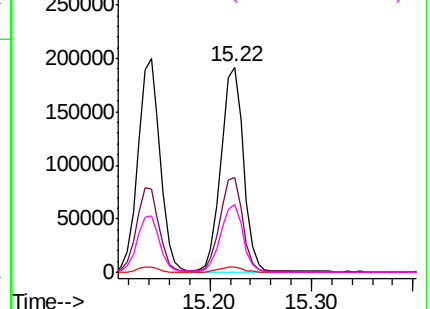
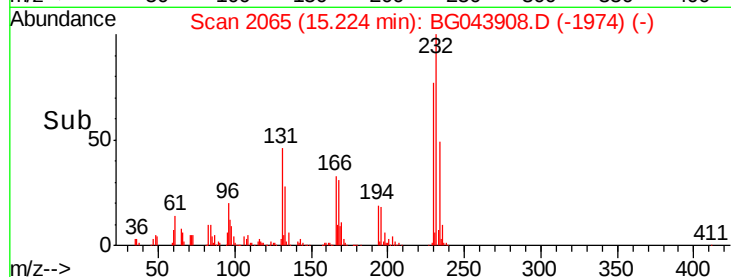


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.496 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion:	232	Resp:	296484
Ion	Ratio	Lower	Upper
232	100		
131	47.0	38.2	57.2
130	2.8	2.2	3.2
166	33.1	26.4	39.6

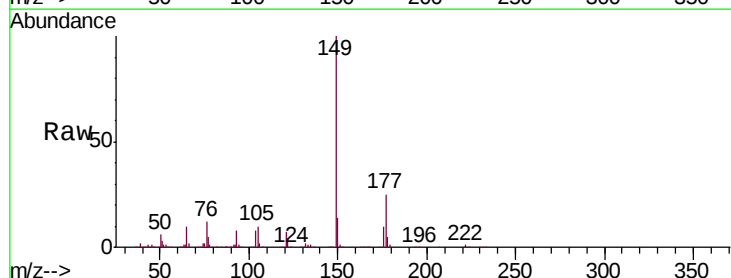


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

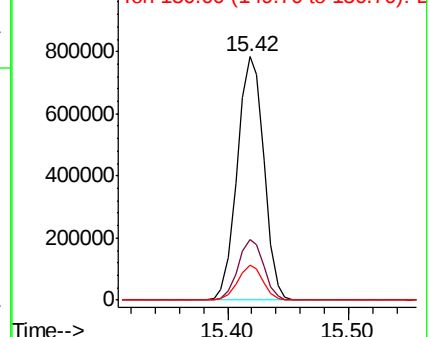
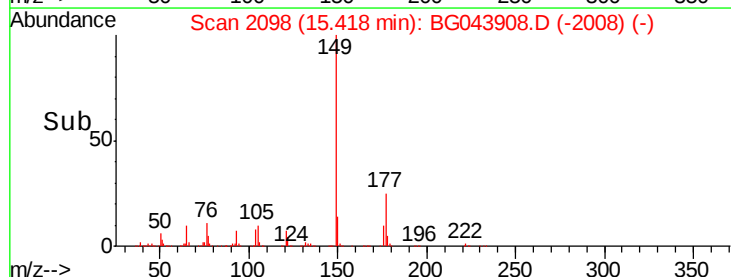


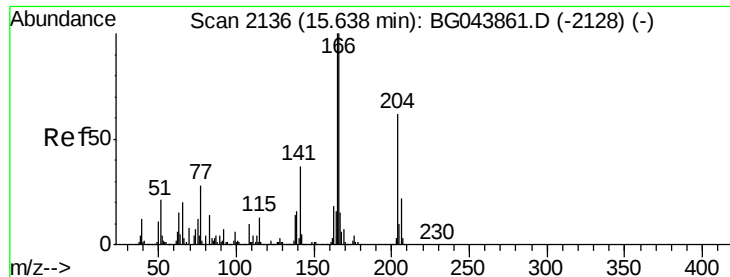
#60
 Diethylphthalate
 Concen: 42.301 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion:	149	Resp:	1200042
Ion	Ratio	Lower	Upper
149	100		
177	24.9	20.0	30.0
150	14.3	11.1	16.7



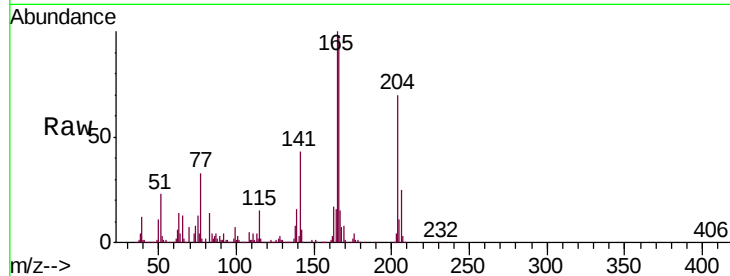
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61
 4-Chlorophenyl-phenylether
 Concen: 40.844 ng
 RT: 15.64 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	28.2	42.2
141	61.3	48.2	72.2

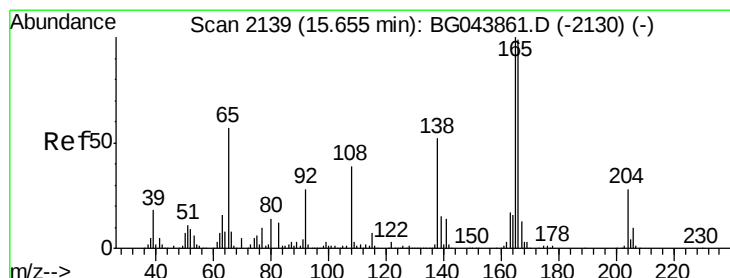
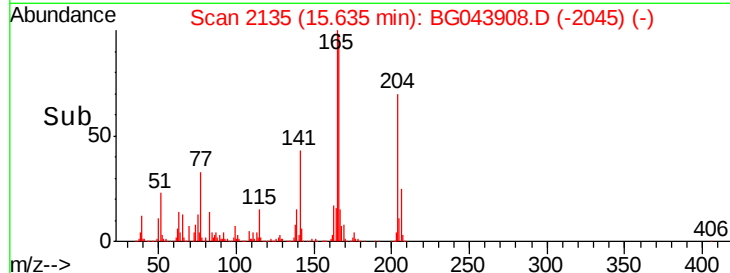
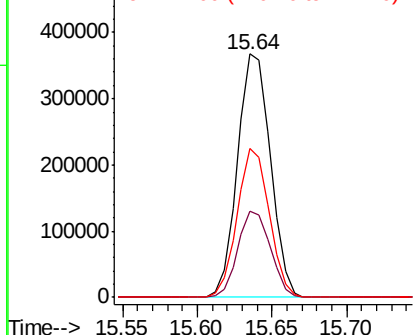


Abundance

Ion 204.00 (203.70 to 204.70): E

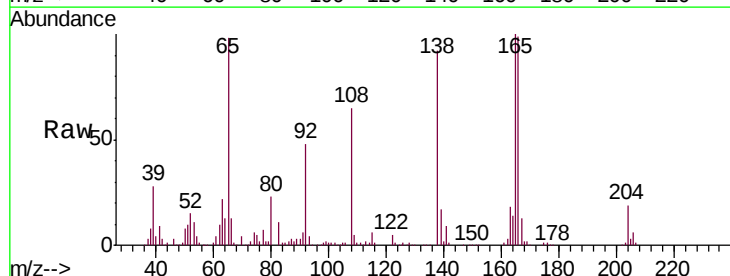
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 43.291 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	34.3	74.3
108	71.0	55.0	95.0

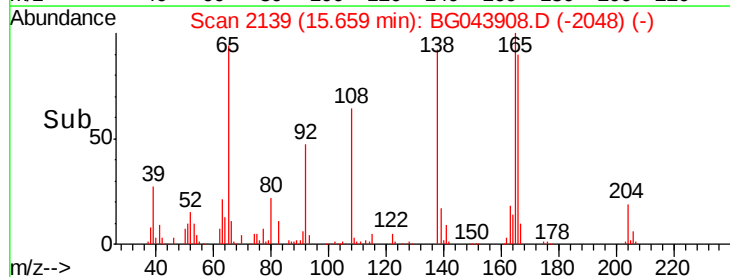
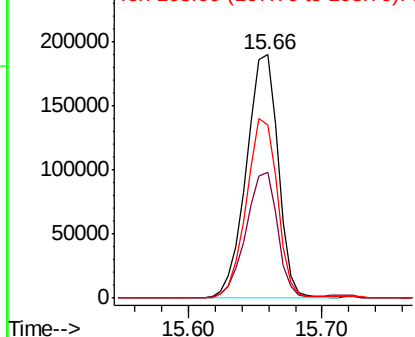


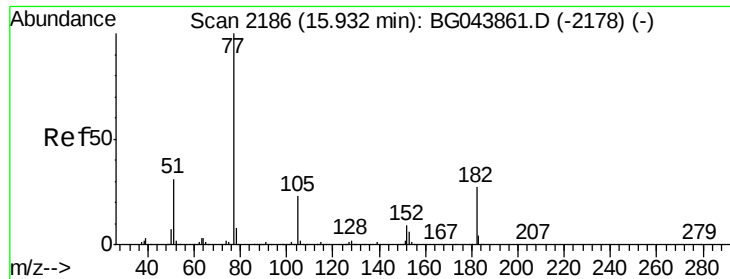
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.666 ng

RT: 15.93 min Scan# 2185

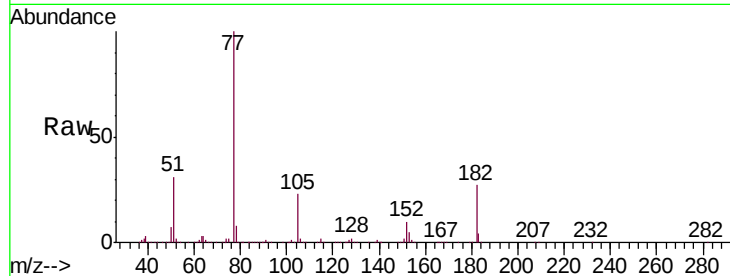
Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion: 77 Resp: 1096207

Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.3	47.3
105	23.3	3.2	43.2
51	30.9	10.6	50.6

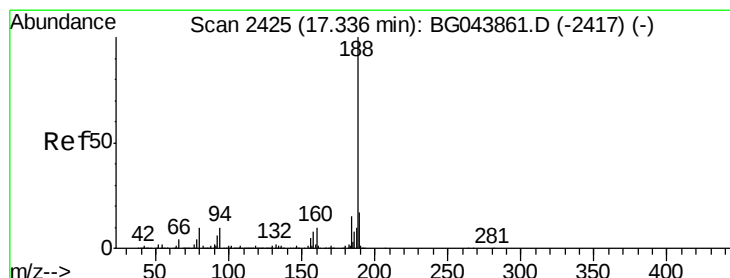
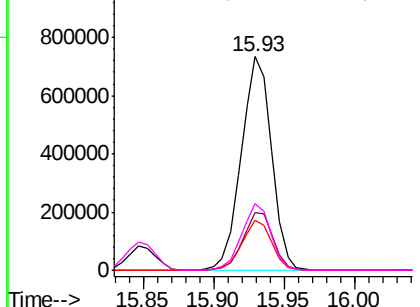
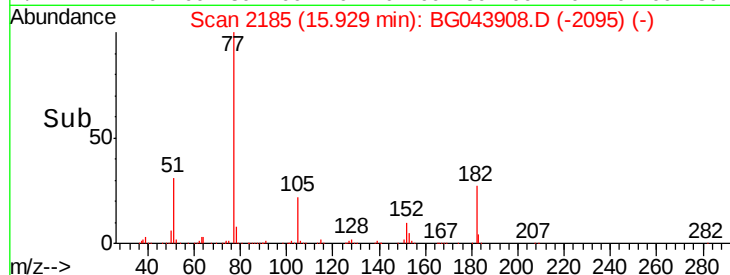


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

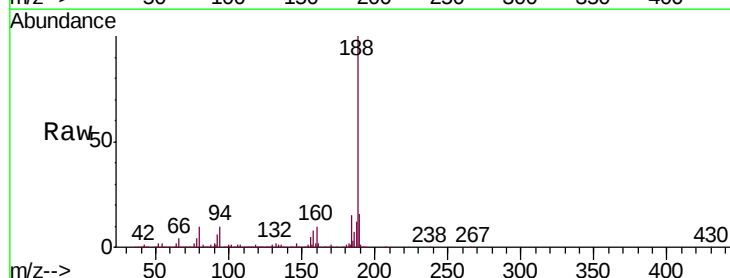
Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion: 188 Resp: 850559

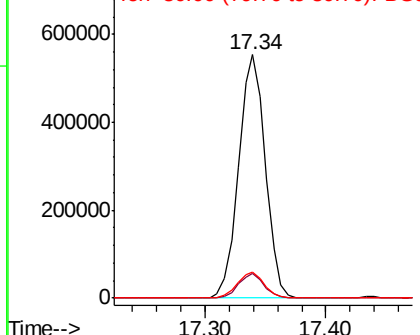
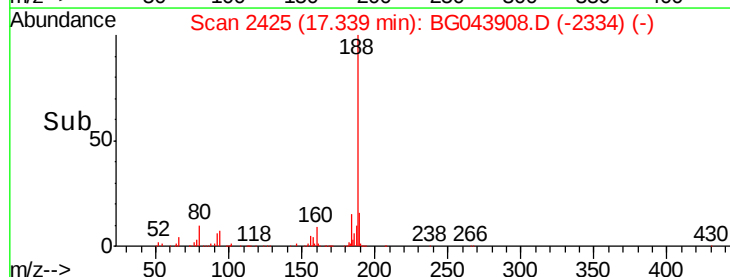
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.9	11.9
80	10.5	8.2	12.4

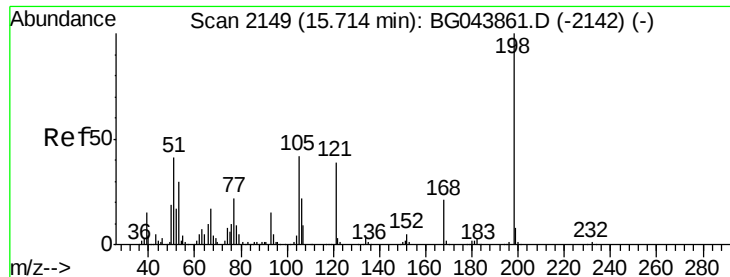


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

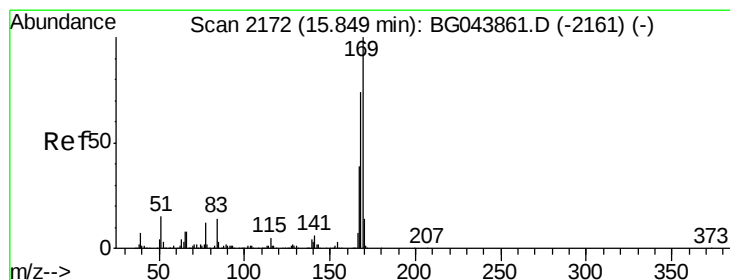
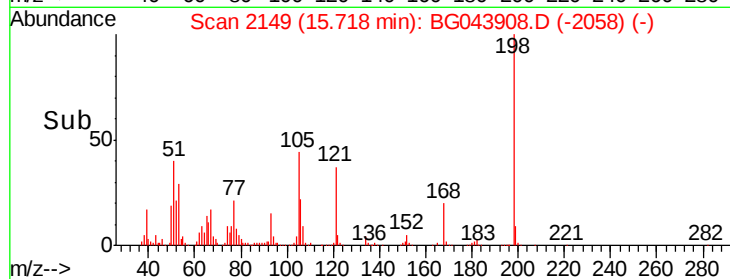
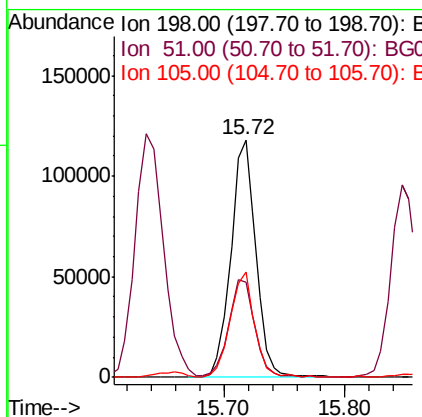
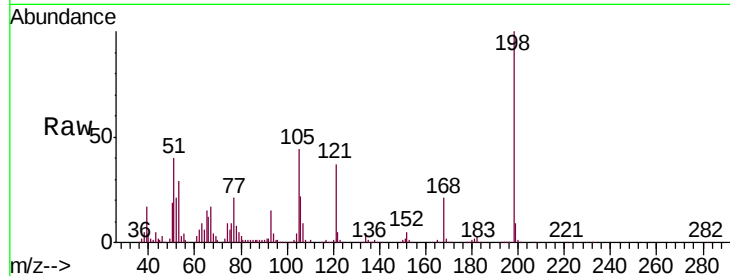
Ion 80.00 (79.70 to 80.70): BGC





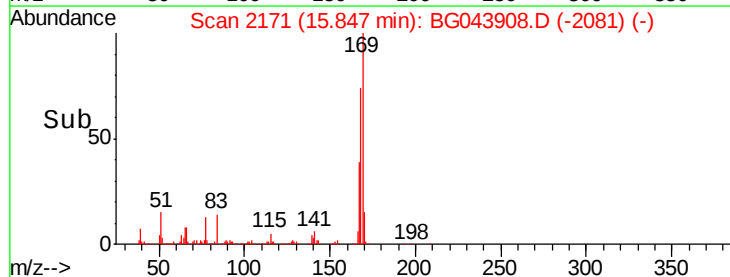
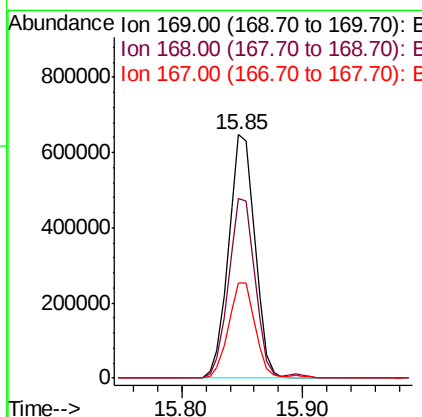
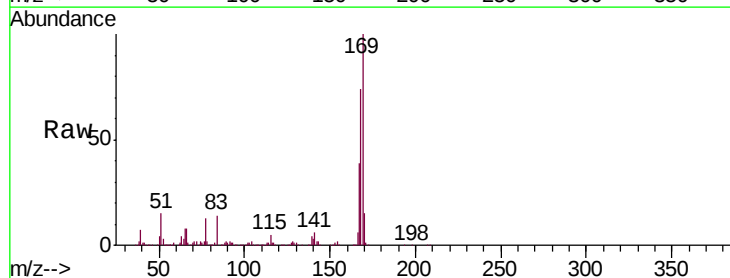
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.660 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

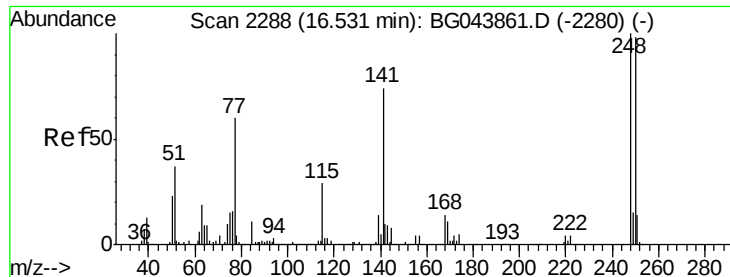
Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.1	22.5	62.5
105	44.3	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 39.268 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

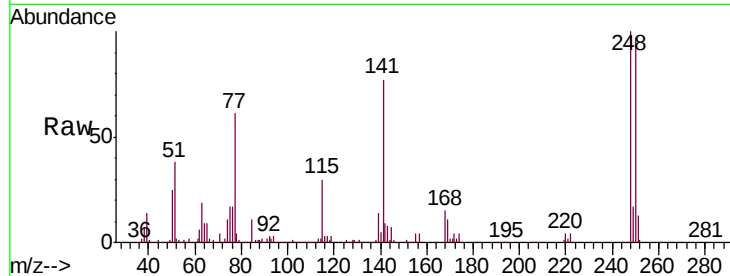
Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.0	59.0	88.6
167	39.2	31.4	47.0



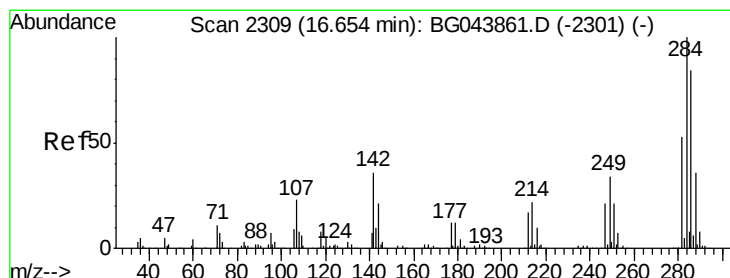
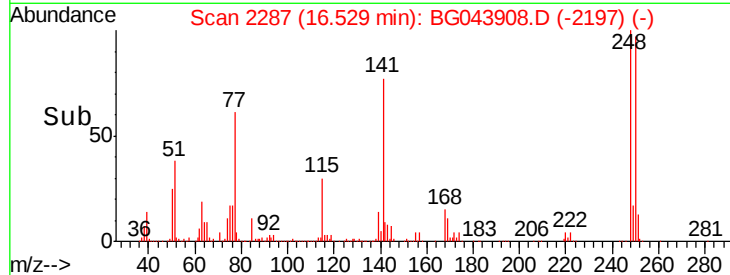
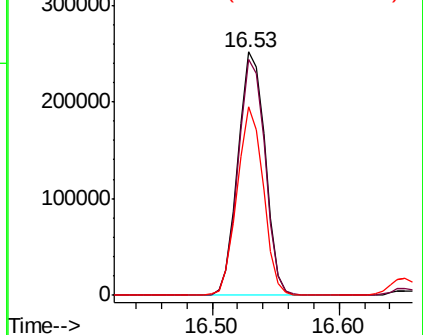


#67
4-Bromophenyl-phenylether
Concen: 38.886 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.2
141	77.2	59.3	88.9

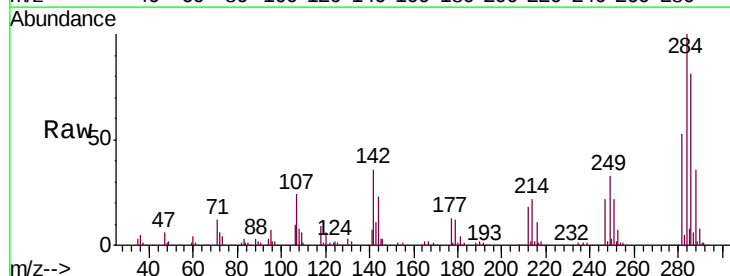


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

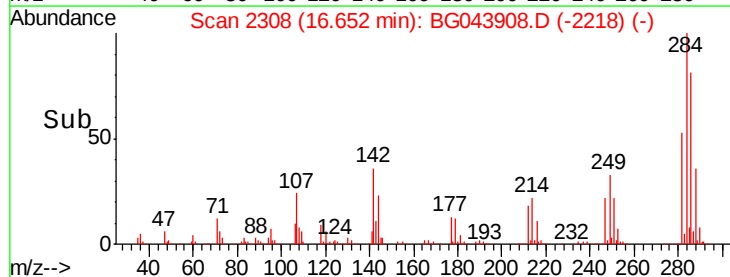
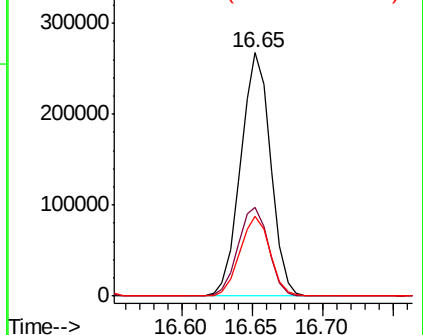


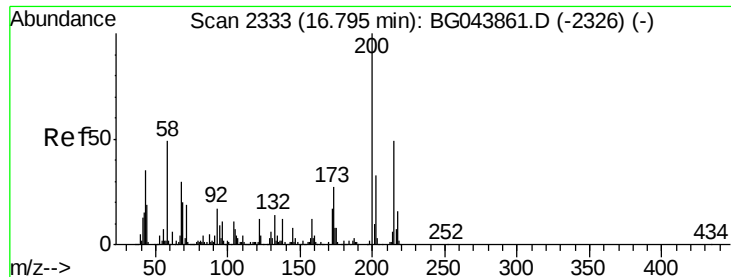
#68
Hexachlorobenzene
Concen: 38.468 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.6	43.0
249	32.8	27.0	40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.323 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

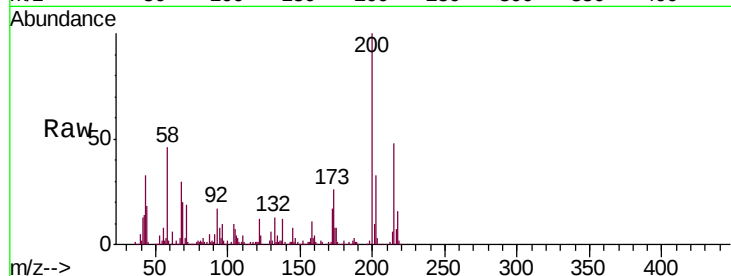
Tgt Ion:200 Resp: 336448

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

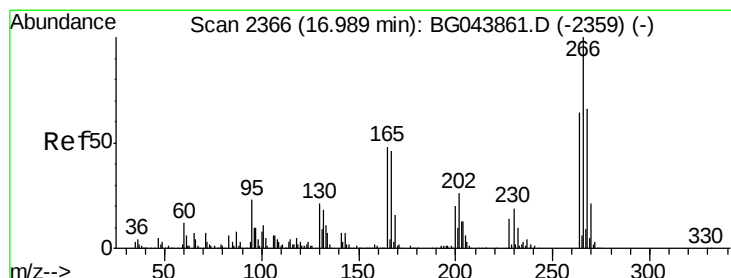
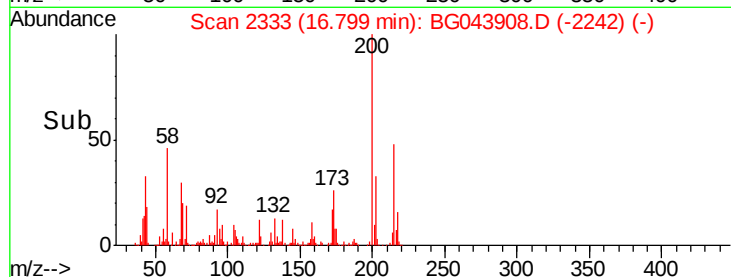
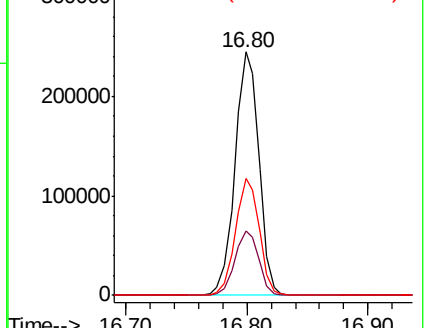
215 48.2 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.002 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

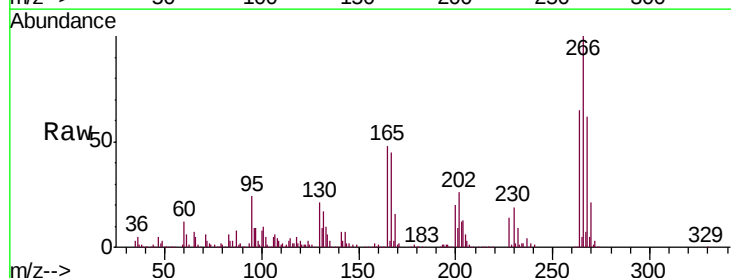
Tgt Ion:266 Resp: 215933

Ion Ratio Lower Upper

266 100

268 62.1 52.6 79.0

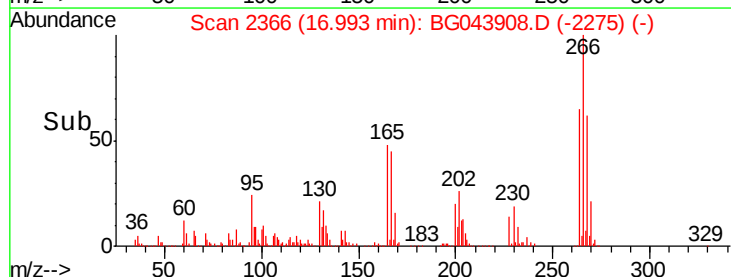
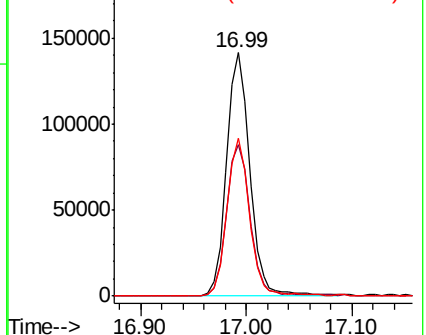
264 64.7 50.8 76.2

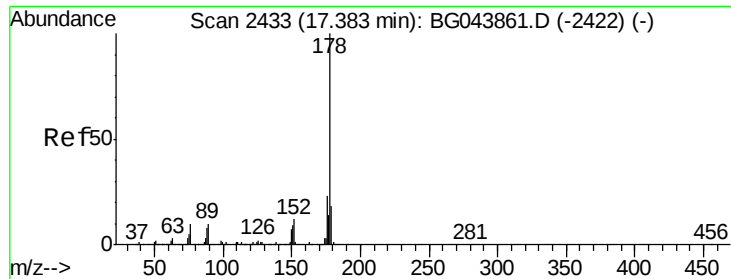


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

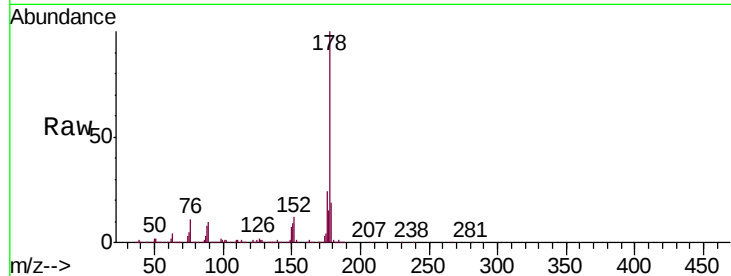
Ion 264.00 (263.70 to 264.70): E



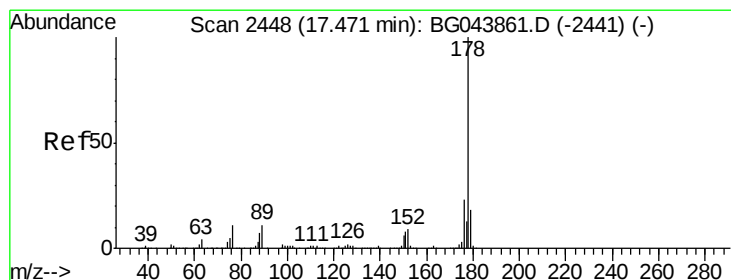
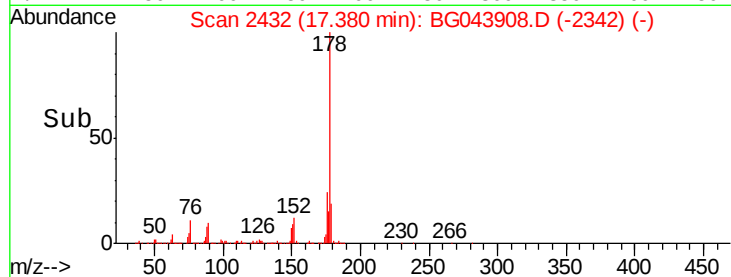
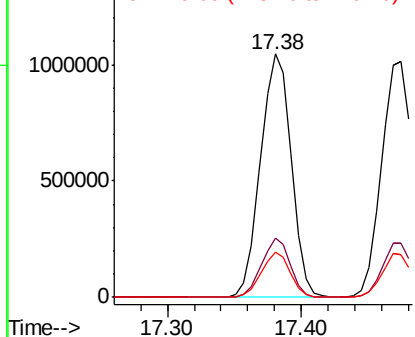


#71
Phenanthrene
Concen: 40.675 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:178 Resp: 1659416
Ion Ratio Lower Upper
178 100
176 24.4 18.6 28.0
179 18.8 14.4 21.6

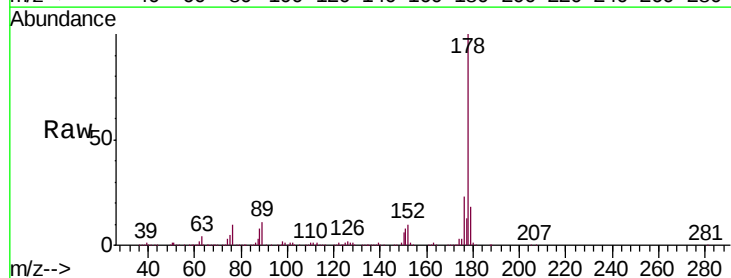


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

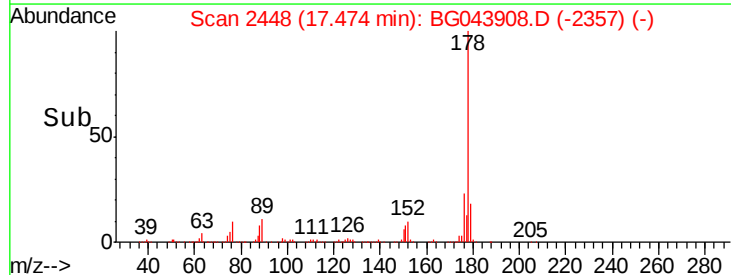
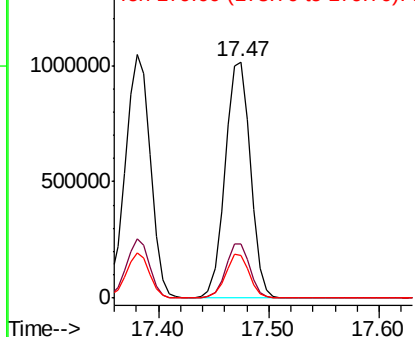


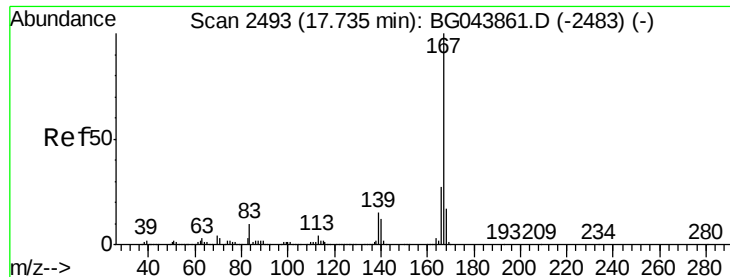
#72
Anthracene
Concen: 40.381 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:178 Resp: 1628126
Ion Ratio Lower Upper
178 100
176 23.2 18.3 27.5
179 18.1 14.6 22.0



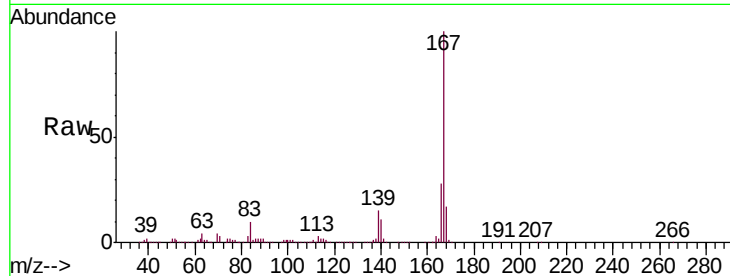
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



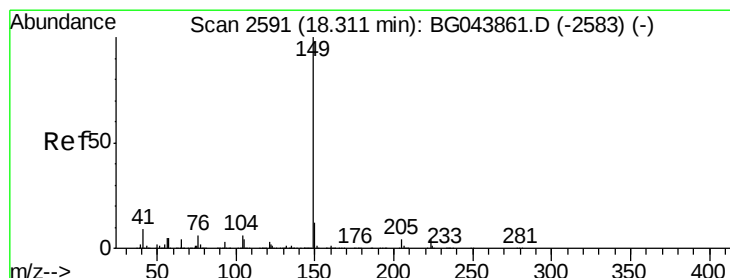
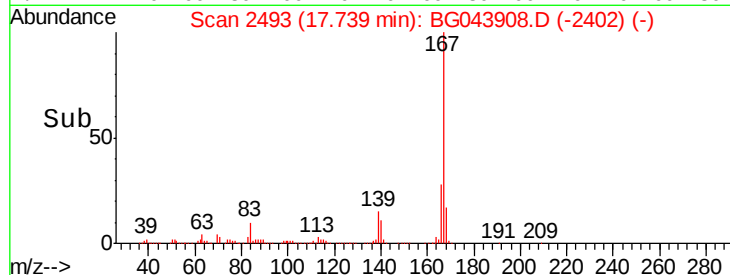
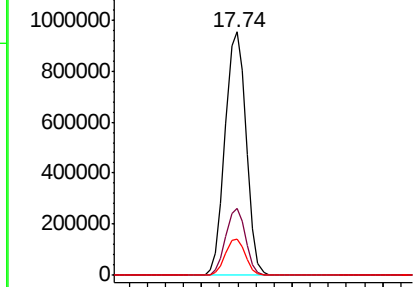


#73
 Carbazole
 Concen: 41.432 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion:167 Resp: 1543086
 Ion Ratio Lower Upper
 167 100
 166 27.5 21.6 32.4
 139 15.1 12.1 18.1

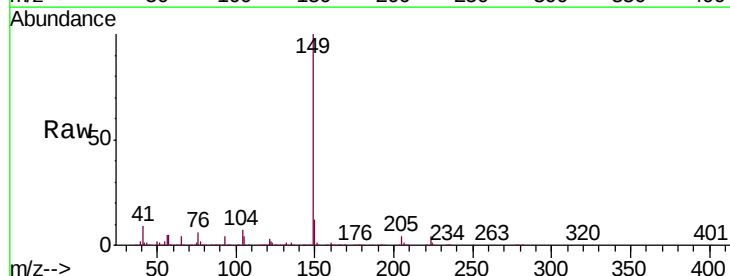


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

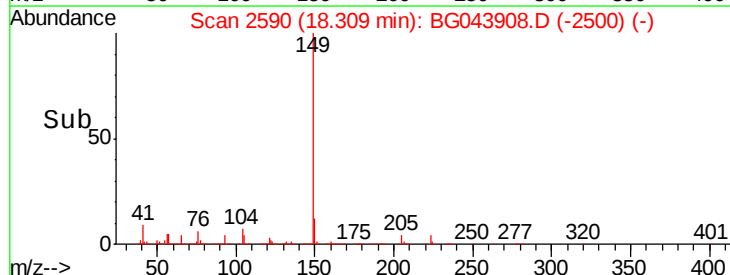
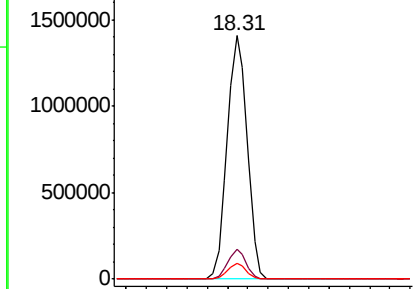


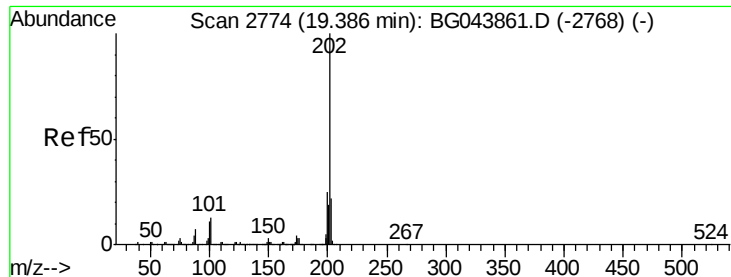
#74
 Di-n-butylphthalate
 Concen: 40.608 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG043908.D
 Acq: 4 Jan 2020 5:43

Tgt Ion:149 Resp: 1930939
 Ion Ratio Lower Upper
 149 100
 150 12.1 9.7 14.5
 104 6.7 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.533 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

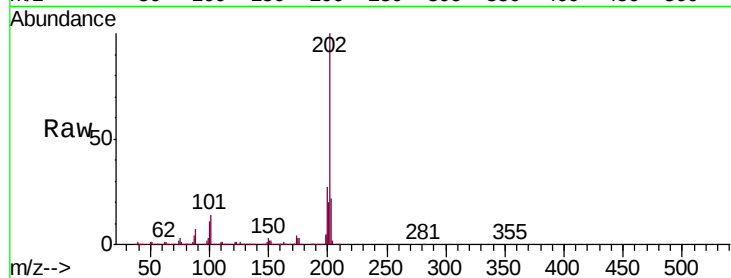
Tgt Ion:202 Resp: 1844492

Ion Ratio Lower Upper

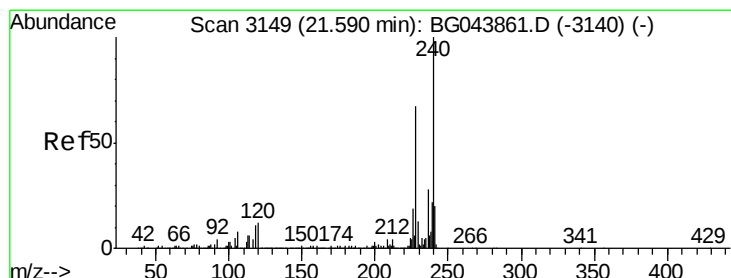
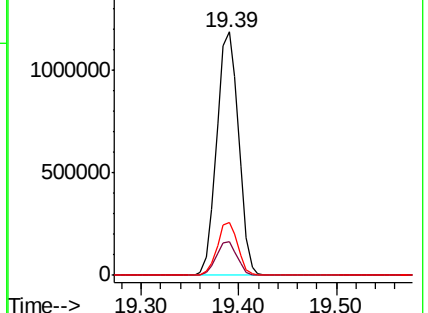
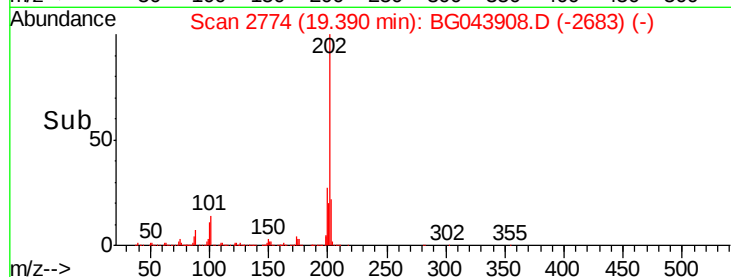
202 100

101 14.0 0.0 33.3

203 22.0 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

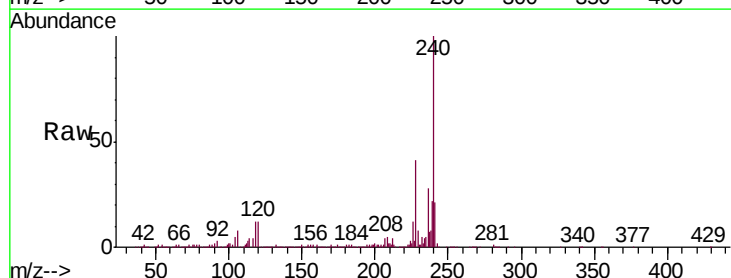
Tgt Ion:240 Resp: 716725

Ion Ratio Lower Upper

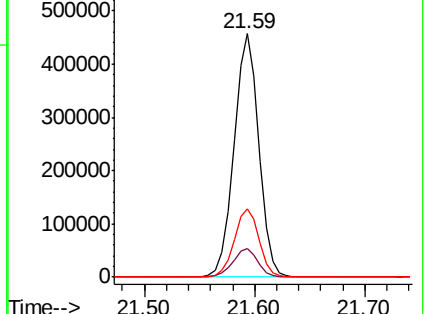
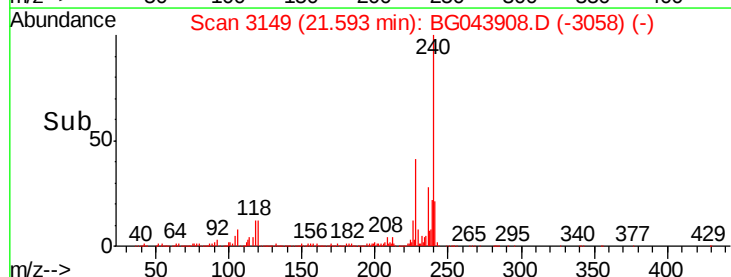
240 100

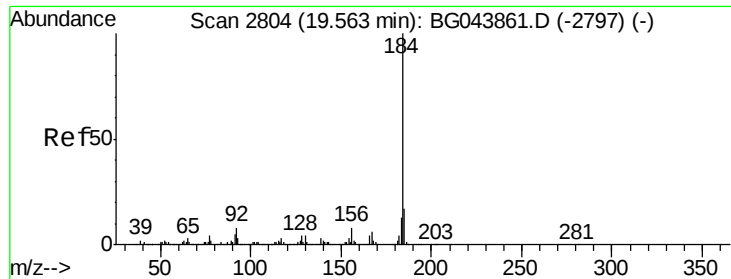
120 11.7 9.6 14.4

236 28.1 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: 46.029 ng

RT: 19.57 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

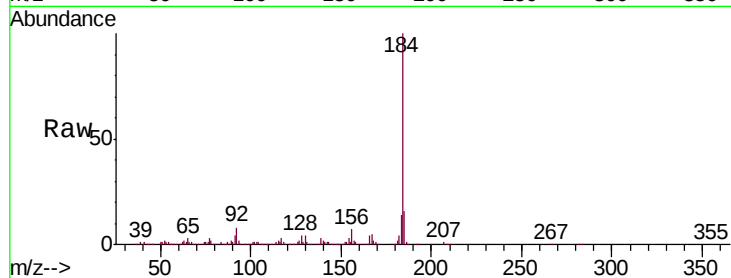
Tgt Ion:184 Resp: 829222

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

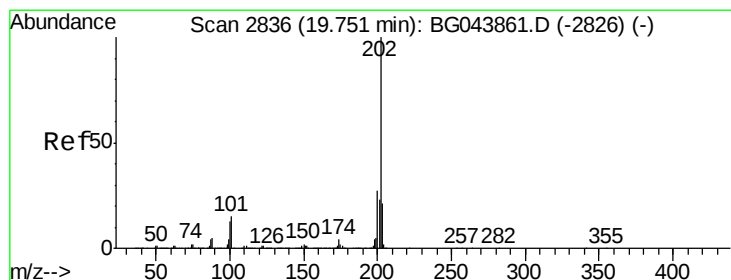
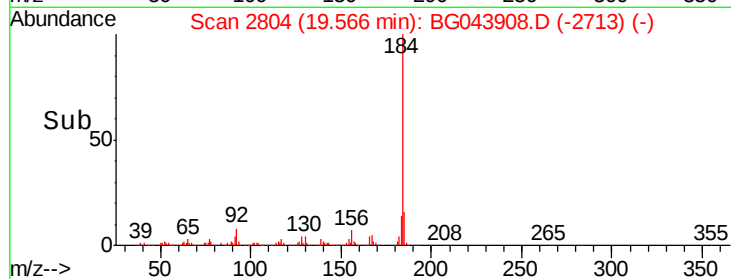
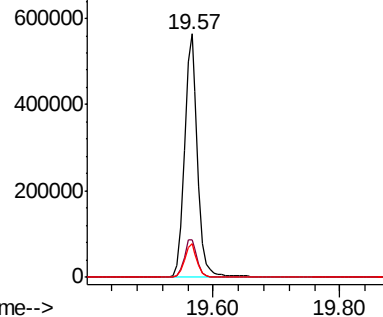
183 13.8 10.6 15.8



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



#78

Pyrene

Concen: 39.327 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

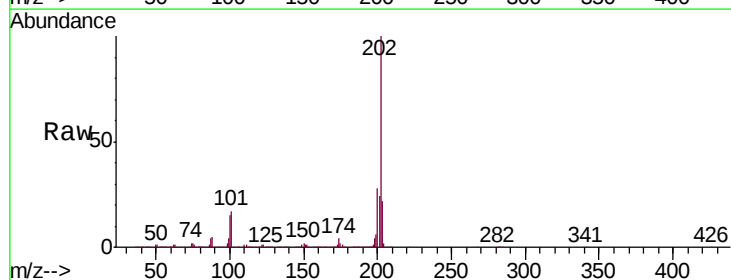
Tgt Ion:202 Resp: 1839859

Ion Ratio Lower Upper

202 100

200 27.8 21.7 32.5

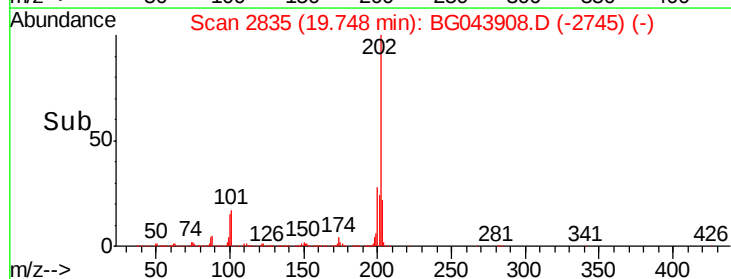
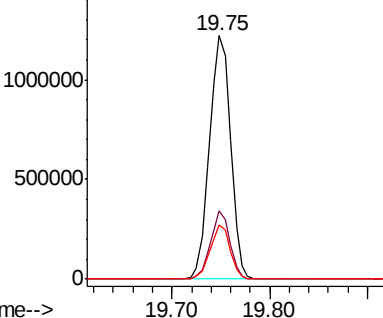
203 22.1 17.0 25.6

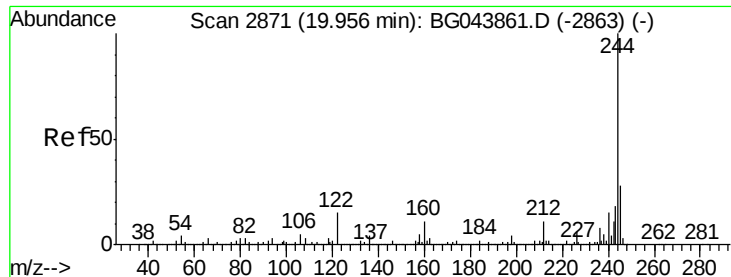


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.030 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

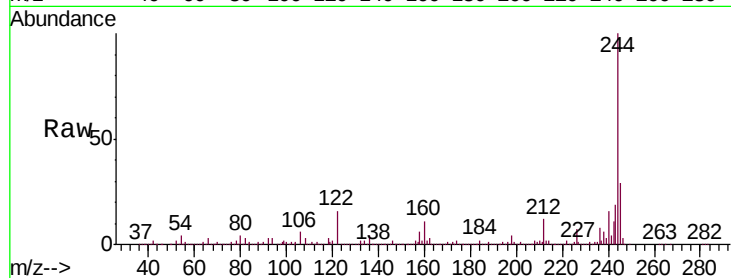
Tgt Ion:244 Resp: 2371571

Ion Ratio Lower Upper

244 100

212 11.5 8.6 13.0

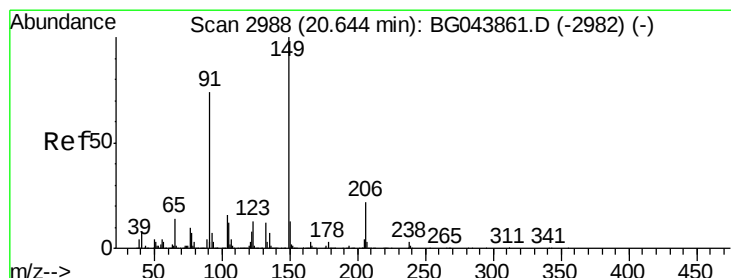
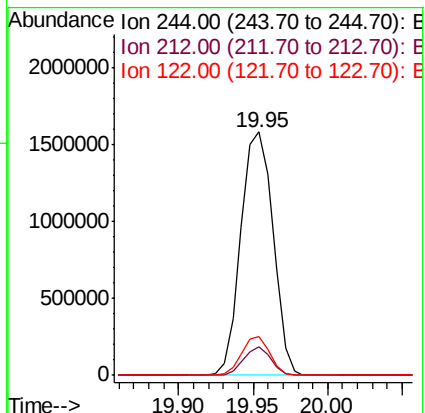
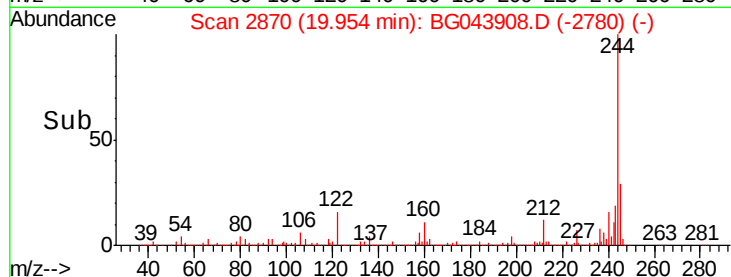
122 15.8 11.9 17.9



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



#80

Butylbenzylphthalate

Concen: 41.384 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

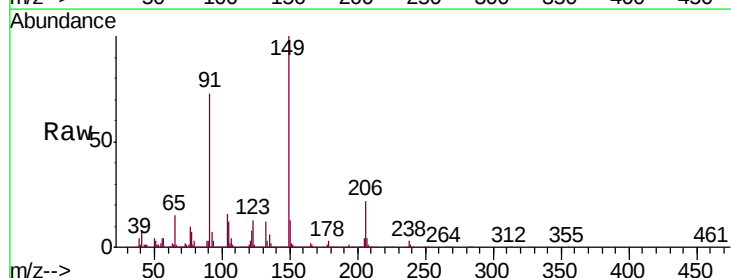
Tgt Ion:149 Resp: 921761

Ion Ratio Lower Upper

149 100

91 73.5 59.5 89.3

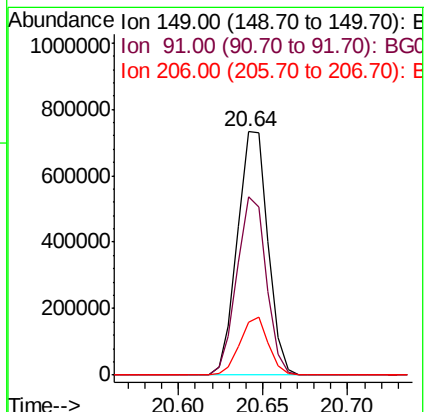
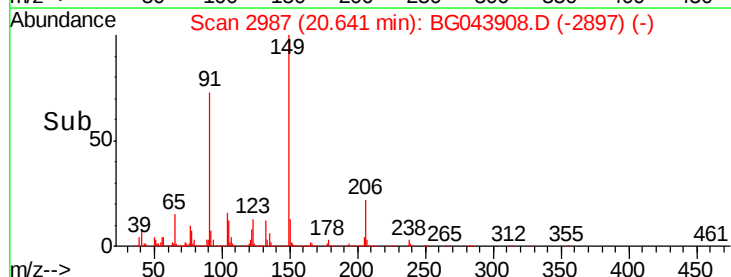
206 21.8 17.8 26.6

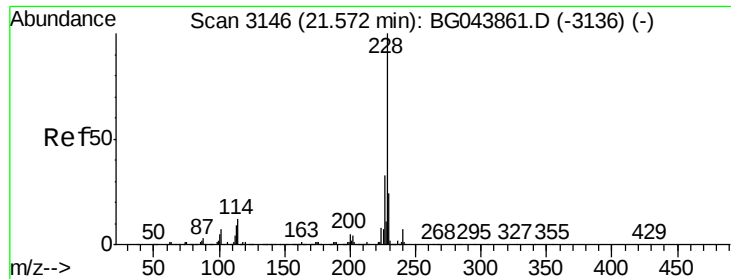


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.496 ng

RT: 21.58 min Scan# 3146

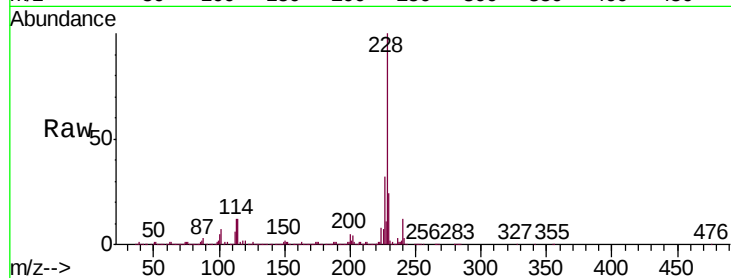
Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion:228 Resp: 1799722

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	23.7	18.9	28.3

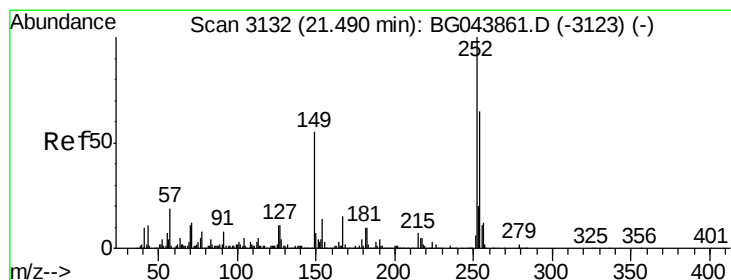
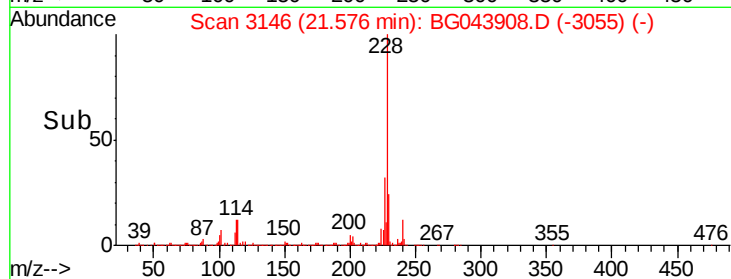
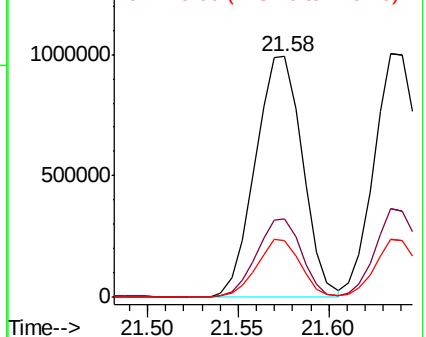


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.263 ng

RT: 21.49 min Scan# 3131

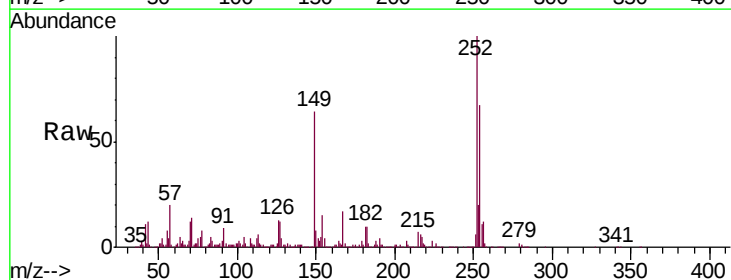
Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

Tgt Ion:252 Resp: 724489

Ion	Ratio	Lower	Upper
252	100		
254	67.4	52.1	78.1
126	12.6	9.1	13.7

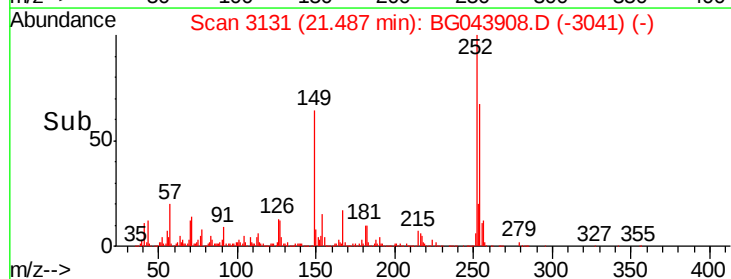
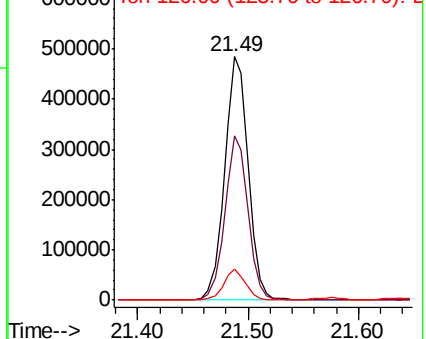


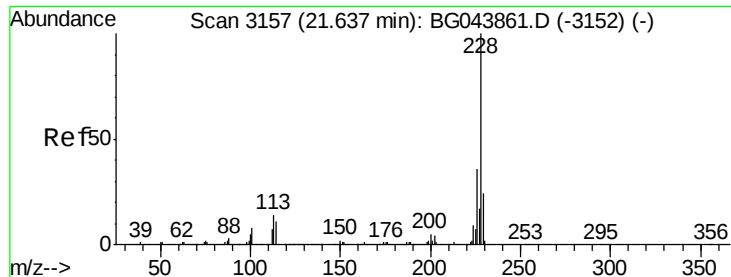
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.724 ng

RT: 21.63 min Scan# 3156

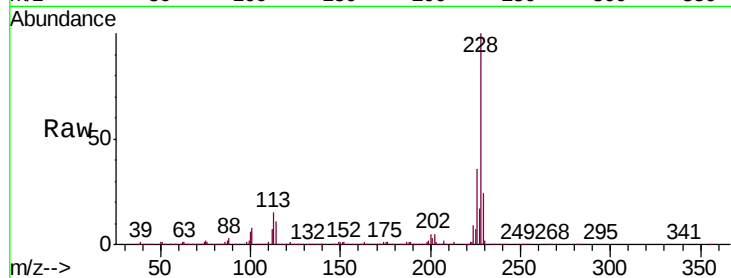
Delta R.T. -0.00 min

Lab File: BG043908.D

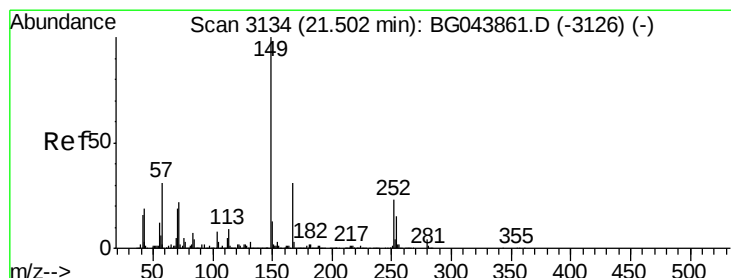
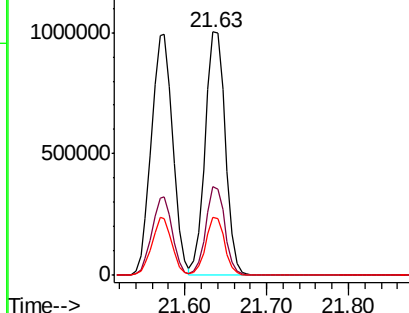
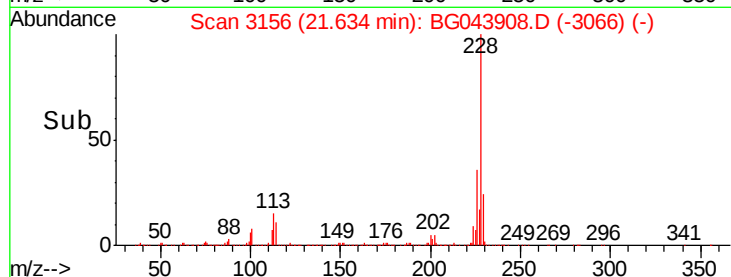
Acq: 4 Jan 2020 5:43

Tgt Ion:228 Resp: 1719717

Ion	Ratio	Lower	Upper
228	100		
226	36.3	28.8	43.2
229	23.8	19.0	28.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.033 ng

RT: 21.50 min Scan# 3133

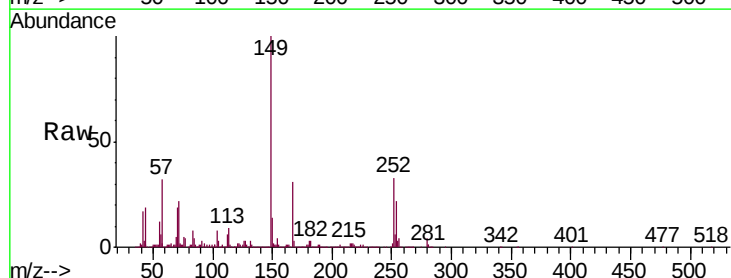
Delta R.T. -0.00 min

Lab File: BG043908.D

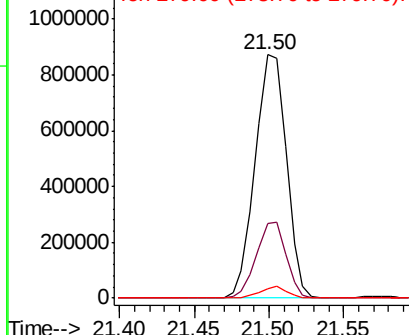
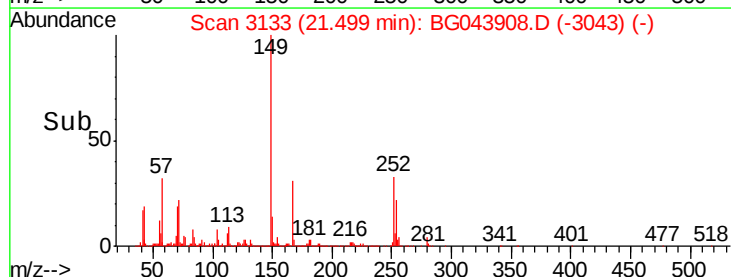
Acq: 4 Jan 2020 5:43

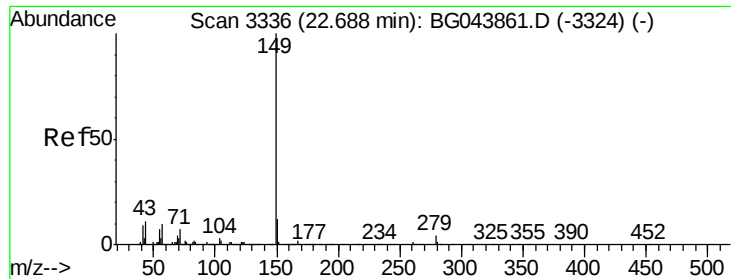
Tgt Ion:149 Resp: 1261051

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.7	37.1
279	3.9	3.3	4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.828 ng

RT: 22.69 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

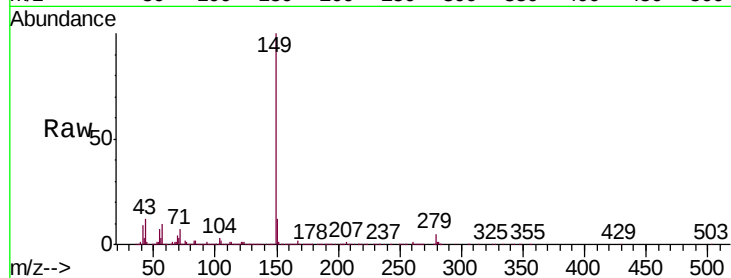
Tgt Ion:149 Resp: 2161112

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

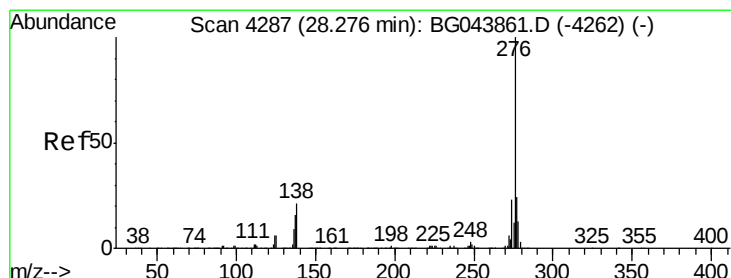
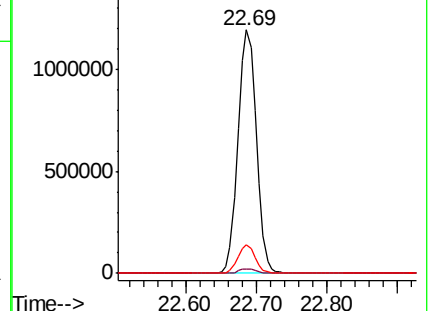
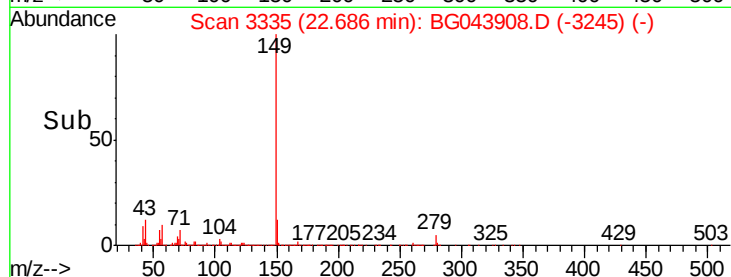
43 11.0 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.758 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

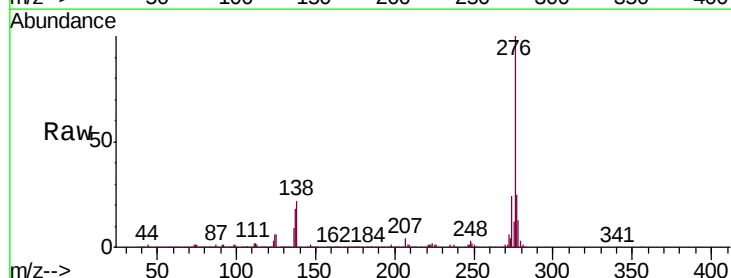
Tgt Ion:276 Resp: 2281645

Ion Ratio Lower Upper

276 100

138 27.2 21.0 31.4

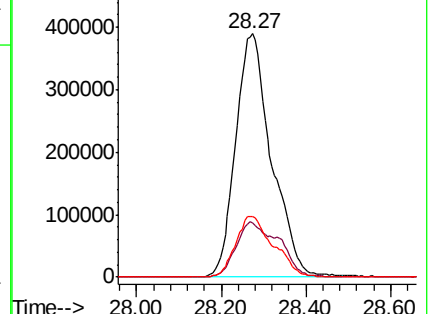
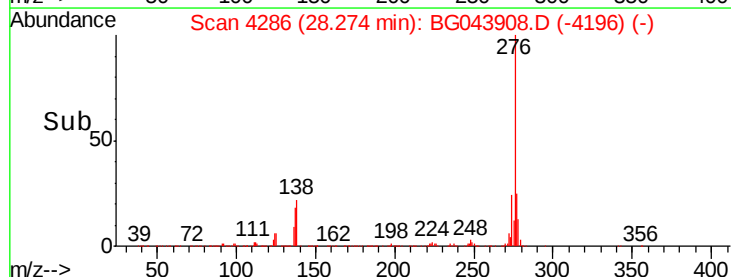
277 26.3 21.1 31.7

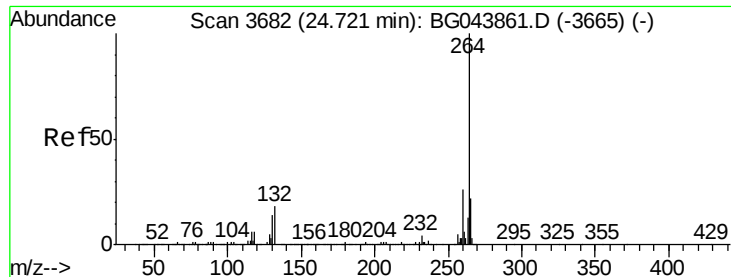


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

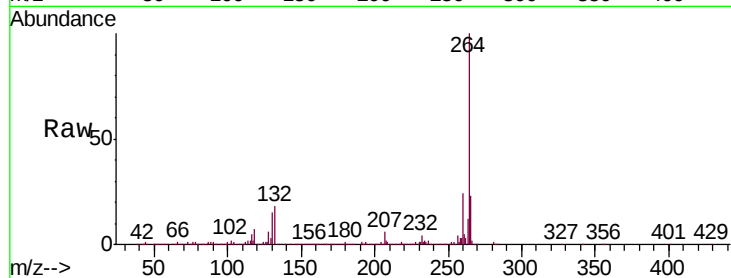
RT: 24.72 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

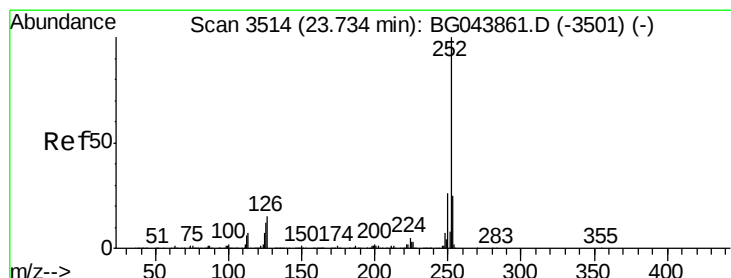
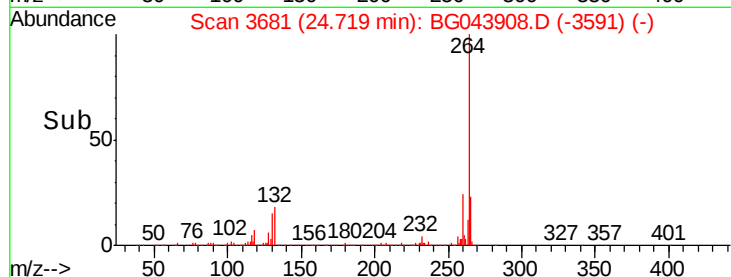
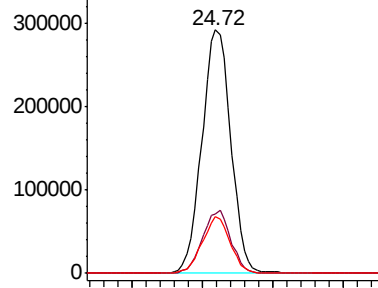
Tgt Ion:	264	Resp:	830209
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	23.3	17.4	26.2



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



#88

Benzo(b)fluoranthene

Concen: 39.716 ng

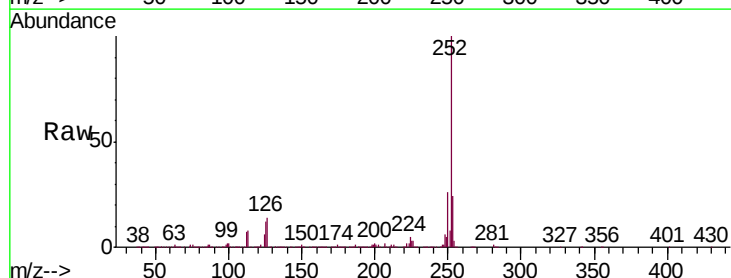
RT: 23.73 min Scan# 3513

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

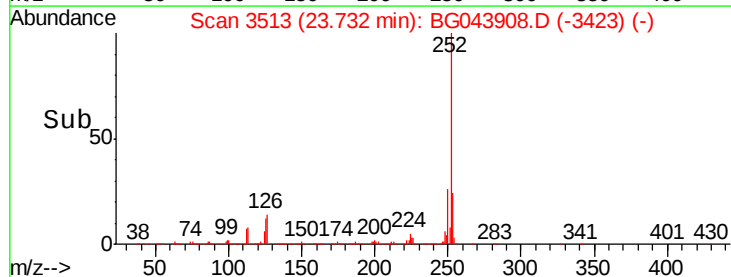
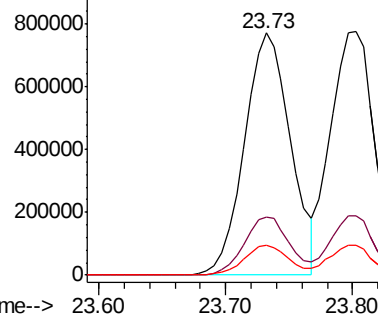
Tgt Ion:	252	Resp:	1949234
Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.7	29.5
125	12.2	9.4	14.2

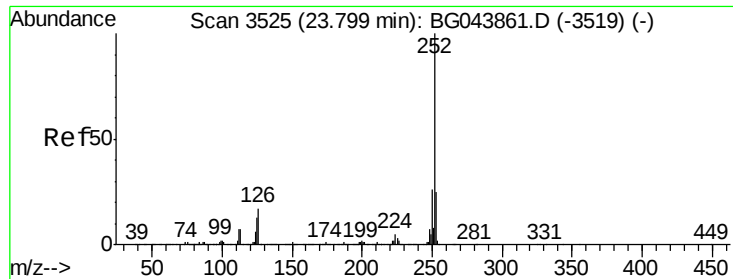


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

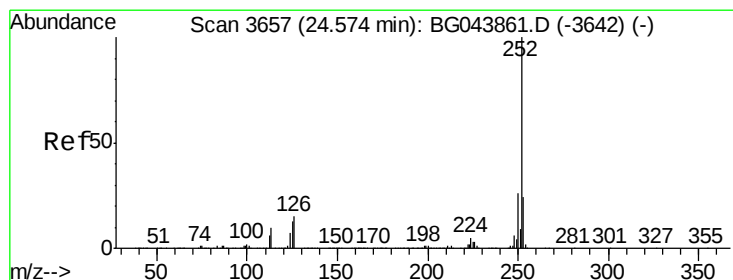
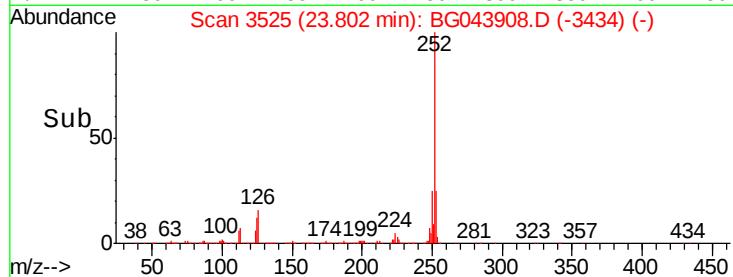
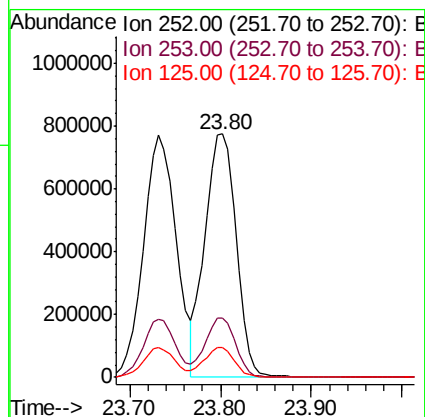
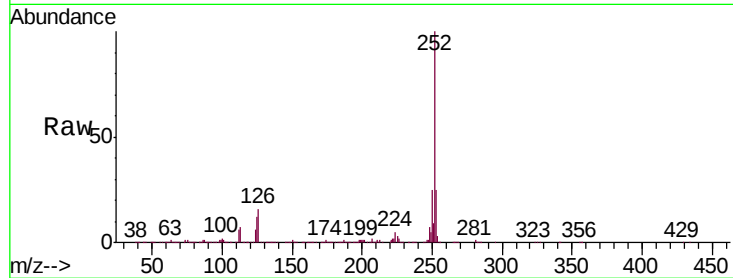
Ion 125.00 (124.70 to 125.70): E





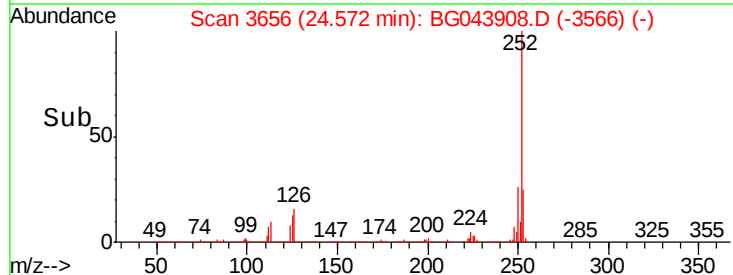
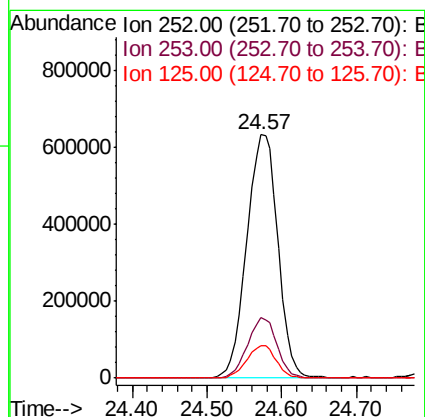
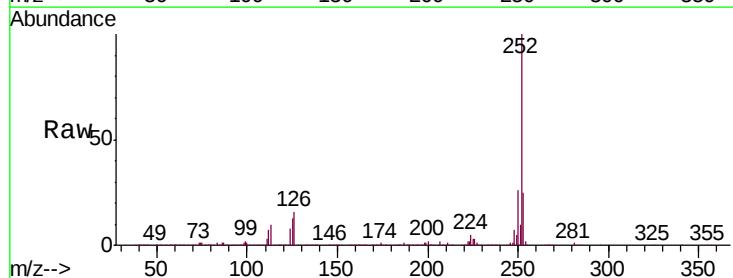
#89
Benzo(k)fluoranthene
Concen: 39.726 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

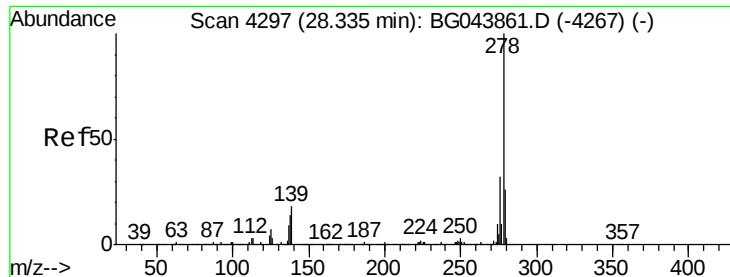
Tgt Ion:252 Resp: 1854076
Ion Ratio Lower Upper
252 100
253 24.6 19.4 29.2
125 12.2 9.9 14.9



#90
Benzo(a)pyrene
Concen: 39.512 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG043908.D
Acq: 4 Jan 2020 5:43

Tgt Ion:252 Resp: 1830329
Ion Ratio Lower Upper
252 100
253 24.8 19.3 28.9
125 13.3 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 39.672 ng

RT: 28.34 min Scan# 4297

Delta R.T. 0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

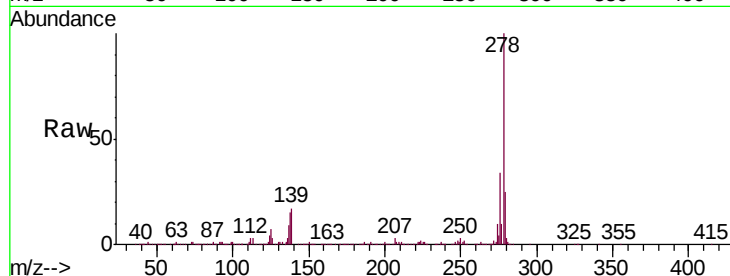
Tgt Ion: 278 Resp: 1845598

Ion Ratio Lower Upper

278 100

139 17.1 14.2 21.4

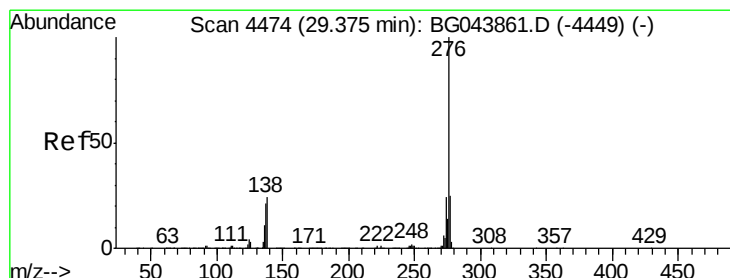
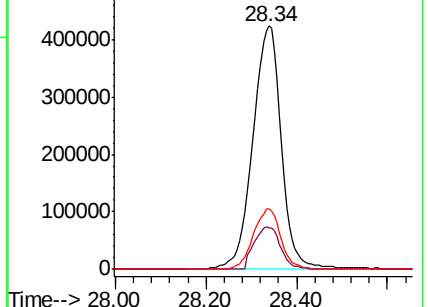
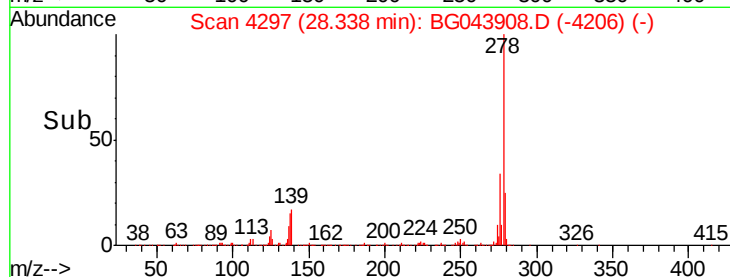
279 25.1 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.428 ng

RT: 29.37 min Scan# 4473

Delta R.T. -0.00 min

Lab File: BG043908.D

Acq: 4 Jan 2020 5:43

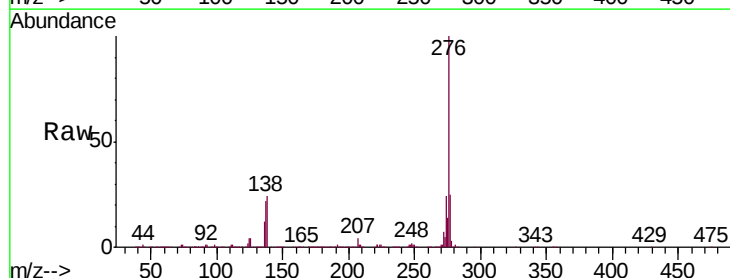
Tgt Ion: 276 Resp: 1822020

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.4

138 24.1 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

