

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044401.D
 Acq On : 11 Feb 2020 23:09
 Operator : CG/JU
 Sample : L1438-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMS

Quant Time: Feb 12 03:08:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	70954	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	296585	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	201435	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	460313	20.00	ng	0.00
76) Chrysene-d12	21.53	240	432621	20.00	ng	0.00
87) Perylene-d12	24.62	264	467963	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	624473	155.33	ng	0.00
7) Phenol-d6	7.08	99	787183	145.81	ng	0.00
23) Nitrobenzene-d5	9.06	82	516296	98.28	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	376045	159.02	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1177863	97.92	ng	0.00
79) Terphenyl-d14	19.90	244	1933085	91.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	76880	42.561	ng	# 65
3) Pyridine	3.77	79	186903	38.837	ng	99
4) n-Nitrosodimethylamine	3.68	42	100820	50.134	ng	98
6) Aniline	7.23	93	127078	18.963	ng	99
8) 2-Chlorophenol	7.47	128	257251	58.221	ng	99
9) Benzaldehyde	7.03	77	98495	32.033	ng	98
10) Phenol	7.10	94	292489	54.742	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	235378	51.529	ng	95
12) 1,3-Dichlorobenzene	7.79	146	251759	47.721	ng	99
13) 1,4-Dichlorobenzene	7.94	146	251020	48.041	ng	98
14) 1,2-Dichlorobenzene	8.26	146	241659	48.931	ng	100
15) Benzyl Alcohol	8.14	79	215867	56.477	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.44	45	303485	49.087	ng	98
17) 2-Methylphenol	8.36	107	212579	55.764	ng	97
18) Hexachloroethane	8.99	117	92527	47.190	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	186063	51.712	ng	99
20) 3+4-Methylphenols	8.68	107	292365	55.649	ng	99
22) Acetophenone	8.73	105	350778	48.618	ng	100
24) Nitrobenzene	9.10	77	263931	51.463	ng	99
25) Isophorone	9.63	82	520895	53.198	ng	99
26) 2-Nitrophenol	9.82	139	143095	53.772	ng	99
27) 2,4-Dimethylphenol	9.88	122	237693	63.275	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	328074	50.226	ng	99
29) 2,4-Dichlorophenol	10.36	162	254725	56.079	ng	100
30) 1,2,4-Trichlorobenzene	10.57	180	251542	48.296	ng	99
31) Naphthalene	10.75	128	740311	51.448	ng	99
32) Benzoic acid	10.02	122	47229	27.623	ng	97
33) 4-Chloroaniline	10.88	127	22742	3.475	ng	95
34) Hexachlorobutadiene	11.05	225	148378	46.298	ng	99
35) Caprolactam	11.63	113	49782	29.919	ng	96
36) 4-Chloro-3-methylphenol	12.00	107	274660	57.673	ng	98
37) 2-Methylnaphthalene	12.36	142	559611	52.380	ng	100
38) 1-Methylnaphthalene	12.59	142	532801	52.896	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	279302	46.353	ng	99

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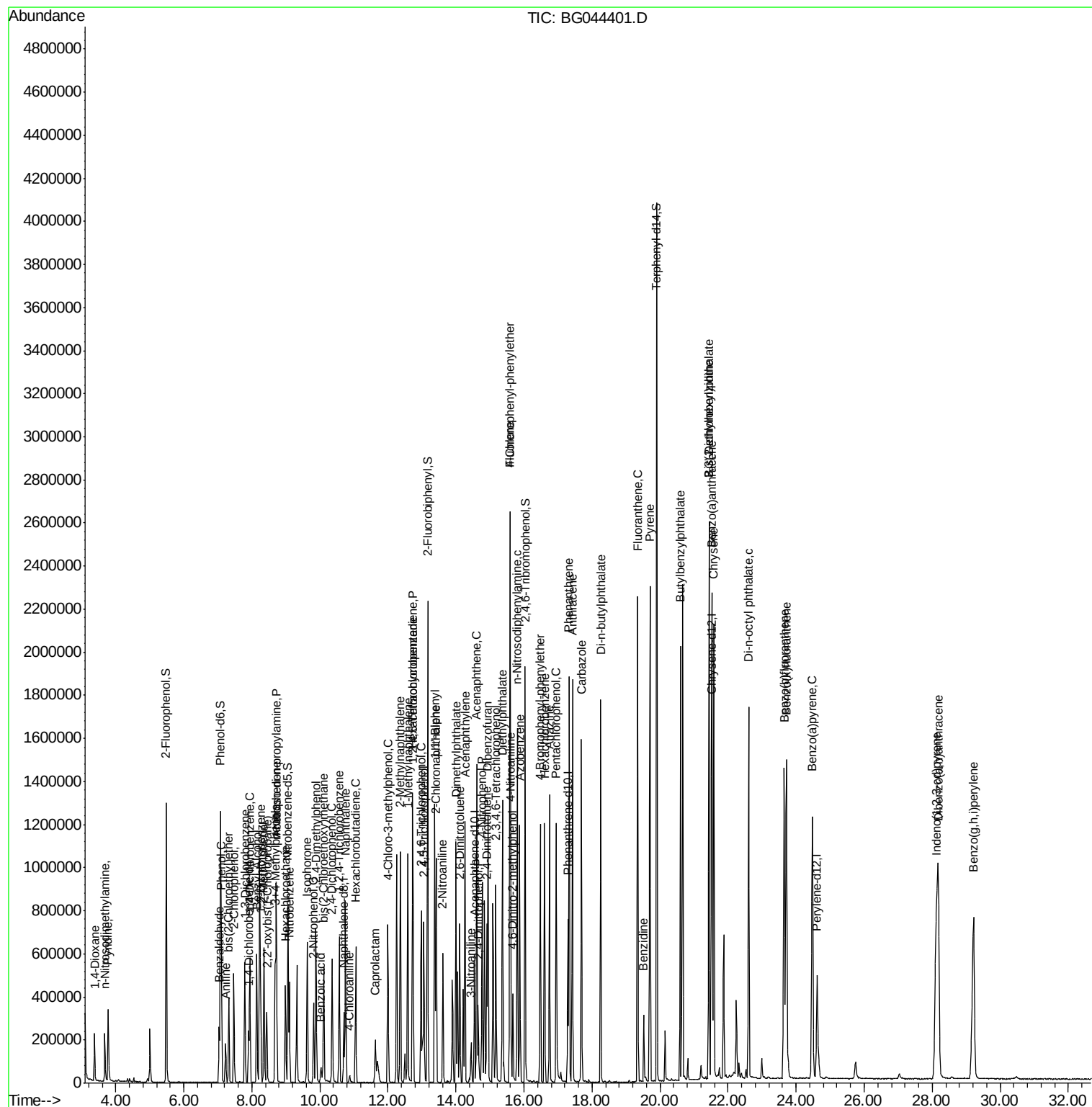
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	267678	92.582	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	209369	53.756	ng	97
44) 2,4,5-Trichlorophenol	13.06	196	225852	56.773	ng	99
46) 1,1'-Biphenyl	13.37	154	719381	49.511	ng	99
47) 2-Chloronaphthalene	13.41	162	564965	48.864	ng	99
48) 2-Nitroaniline	13.62	65	173908	50.967	ng	97
49) Acenaphthylene	14.27	152	901562	53.163	ng	99
50) Dimethylphthalate	14.00	163	773324	53.407	ng	99
51) 2,6-Dinitrotoluene	14.11	165	171832	53.224	ng	99
52) Acenaphthene	14.61	154	559515	50.902	ng	99
53) 3-Nitroaniline	14.44	138	57387	16.067	ng	99
54) 2,4-Dinitrophenol	14.65	184	104745	57.160	ng	98
55) Dibenzofuran	14.94	168	871817	52.386	ng	99
56) 4-Nitrophenol	14.77	139	305755	116.861	ng	99
57) 2,4-Dinitrotoluene	14.91	165	242607	53.615	ng	98
58) Fluorene	15.59	166	696139	53.108	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	207674	57.795	ng	99
60) Diethylphthalate	15.36	149	767267	53.179	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	368638	51.868	ng	98
62) 4-Nitroaniline	15.61	138	176577	49.474	ng	98
63) Azobenzene	15.88	77	688835	54.474	ng	100
65) 4,6-Dinitro-2-methylphenol	15.67	198	109961	43.276	ng	98
66) n-Nitrosodiphenylamine	15.80	169	663758	51.454	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	247439	49.339	ng	98
68) Hexachlorobenzene	16.60	284	270766	48.192	ng	99
69) Atrazine	16.75	200	263465	59.587	ng	99
70) Pentachlorophenol	16.95	266	252725	88.598	ng	97
71) Phenanthrene	17.33	178	1163530	52.200	ng	99
72) Anthracene	17.42	178	1191243	54.056	ng	99
73) Carbazole	17.69	167	1084751	53.395	ng	99
74) Di-n-butylphthalate	18.26	149	1339510	53.356	ng	99
75) Fluoranthene	19.34	202	1373966	53.285	ng	99
77) Benzidine	19.52	184	211041	17.587	ng	97
78) Pyrene	19.70	202	1383351	49.791	ng	99
80) Butylbenzylphthalate	20.59	149	618767	48.872	ng	99
81) Benzo(a)anthracene	21.52	228	1316029	49.358	ng	100
82) 3,3'-Dichlorobenzidine	21.43	252	191934	18.548	ng	100
83) Chrysene	21.58	228	1264591	49.068	ng	100
84) Bis(2-ethylhexyl)phthalate	21.43	149	869887	49.916	ng	100
85) Di-n-octyl phthalate	22.60	149	1507764	50.005	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1656361	49.262	ng	100
88) Benzo(b)fluoranthene	23.65	252	1415602	52.496	ng	100
89) Benzo(k)fluoranthene	23.71	252	1385880	52.732	ng	100
90) Benzo(a)pyrene	24.47	252	1309203	51.350	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1354795	53.693	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1389968	55.028	ng	97

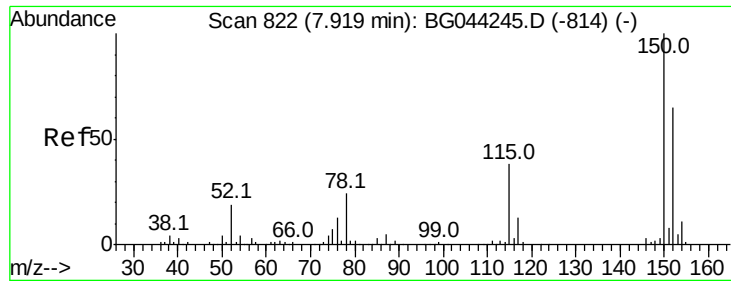
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

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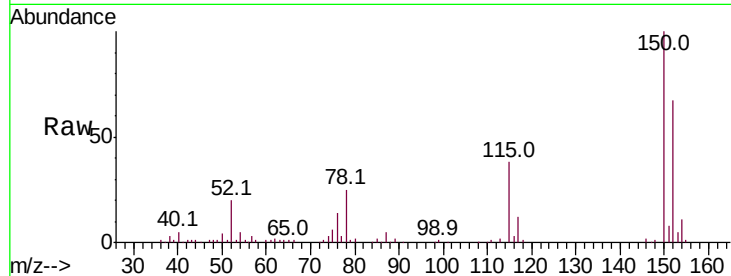
Tot Ion:152 Resp: 70954

Ion Ratio Lower Upper

152 100

150 149.2 122.6 183.8

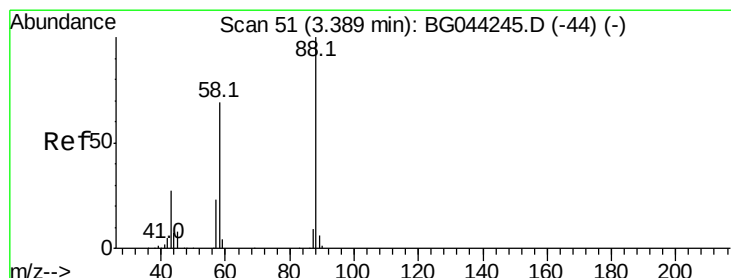
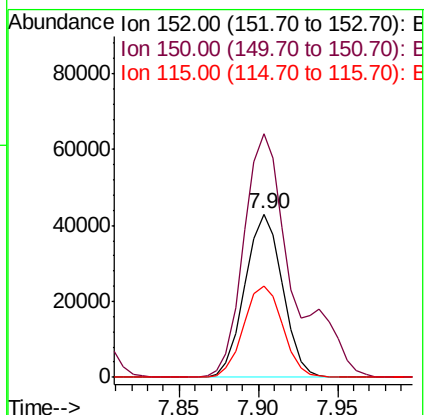
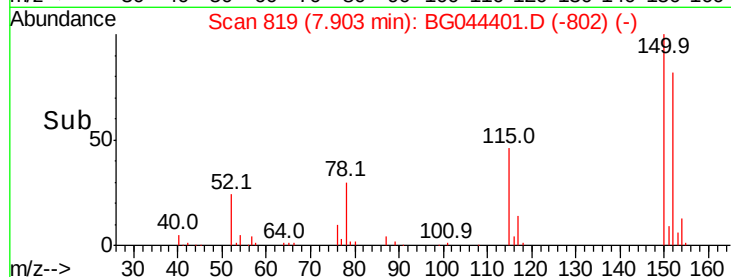
115 56.3 46.0 69.0



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: 42.561 ng

RT: 3.37 min Scan# 48

Delta R.T. 0.01 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

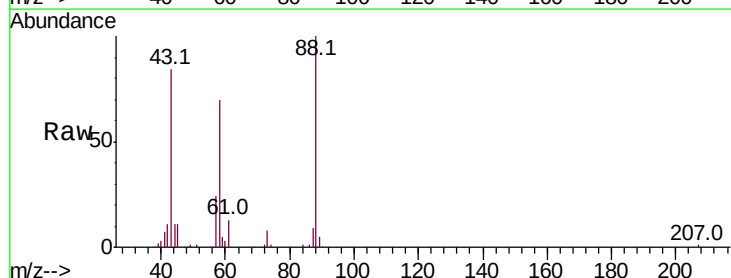
Tgt Ion: 88 Resp: 76880

Ion Ratio Lower Upper

88 100

58 70.3 55.8 83.6

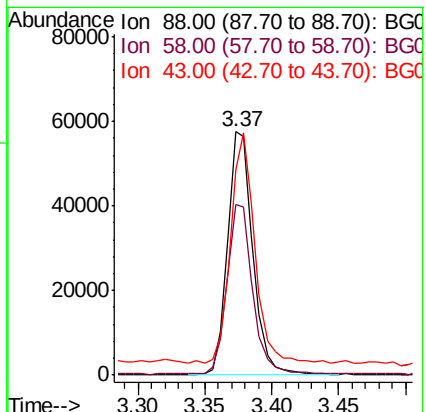
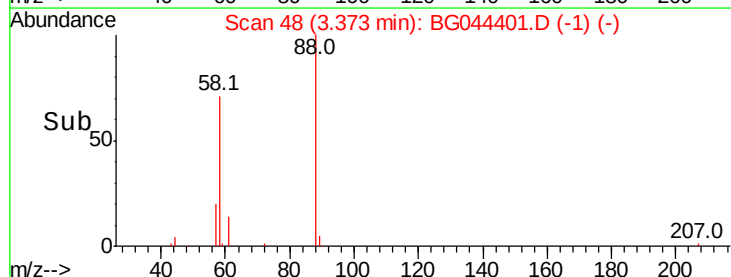
43 90.5 21.6 32.4#

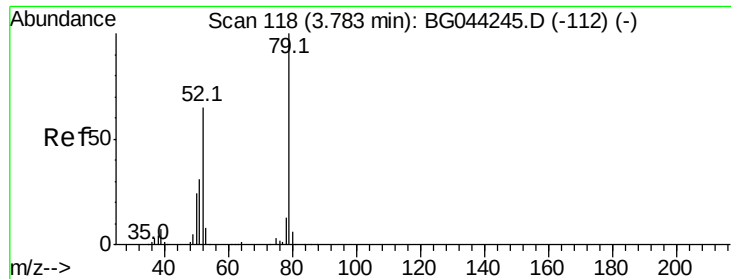


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.837 ng

RT: 3.77 min Scan# 116

Delta R.T. 0.01 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

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ClientSampleId :

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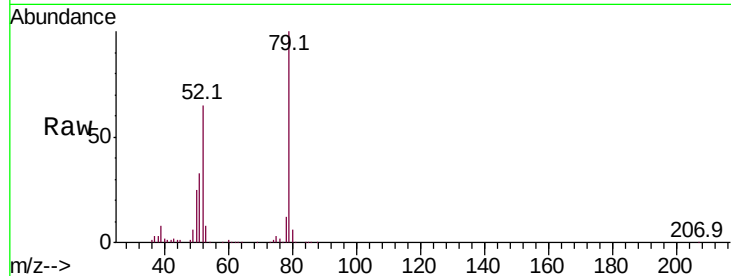
Tot Ion: 79 Resp: 186903

Ion Ratio Lower Upper

79 100

52 65.5 51.9 77.9

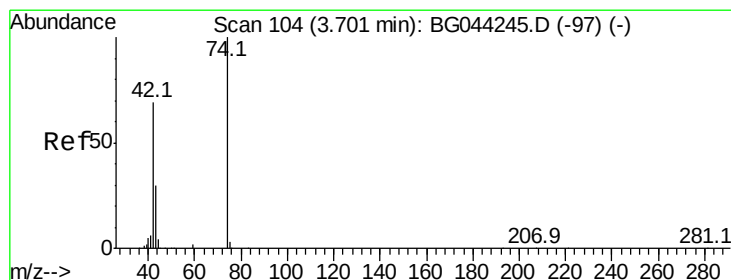
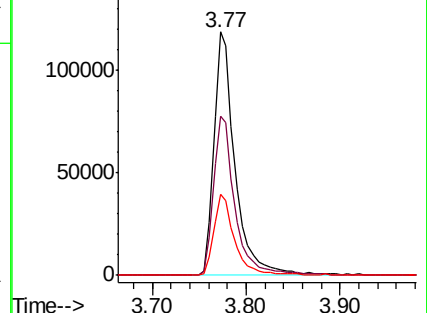
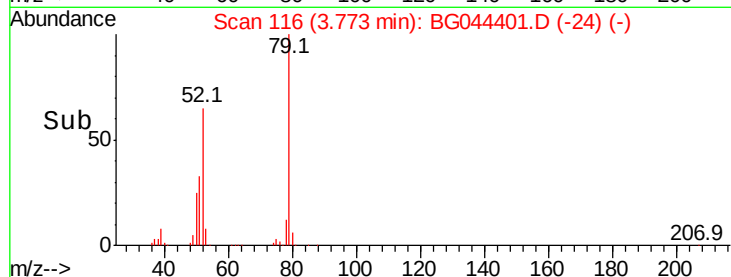
51 33.1 25.3 37.9



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: 50.134 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

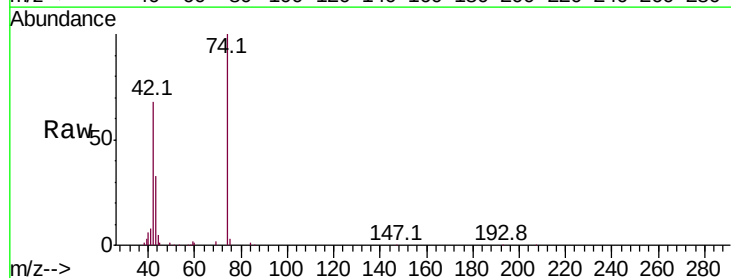
Tgt Ion: 42 Resp: 100820

Ion Ratio Lower Upper

42 100

74 146.7 115.1 172.7

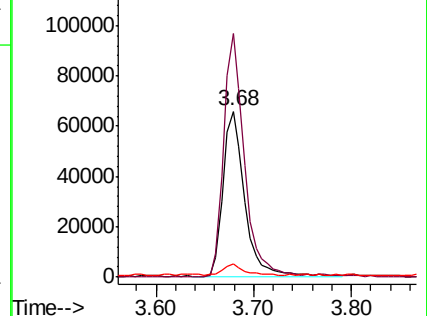
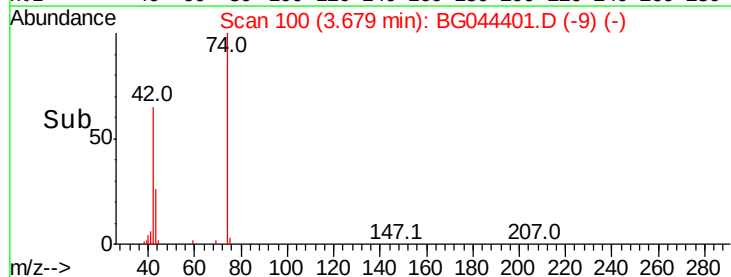
44 7.8 5.6 8.4

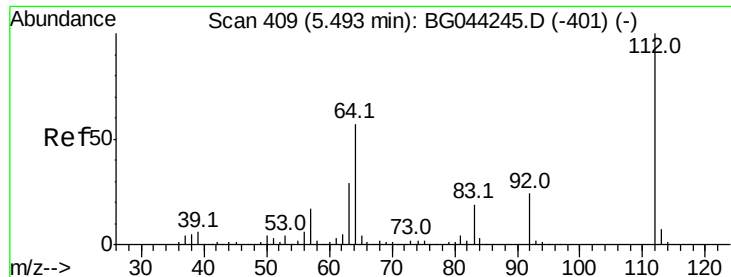


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 155.325 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

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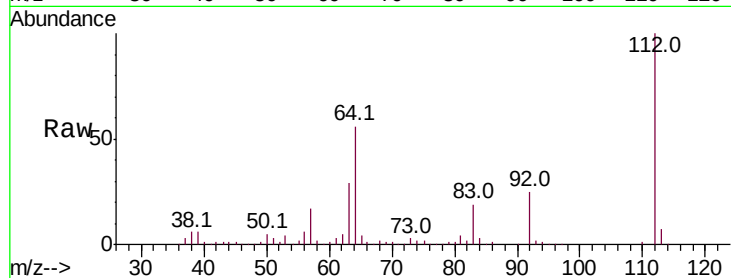
Tot Ion:112 Resp: 624473

Ion Ratio Lower Upper

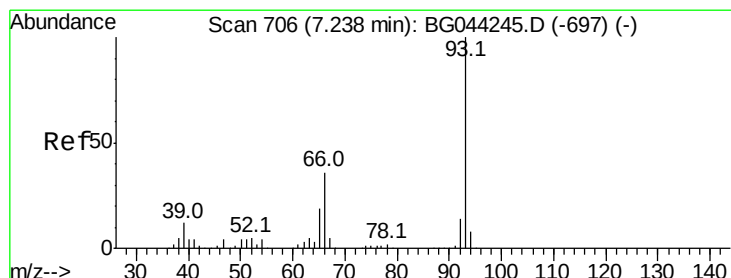
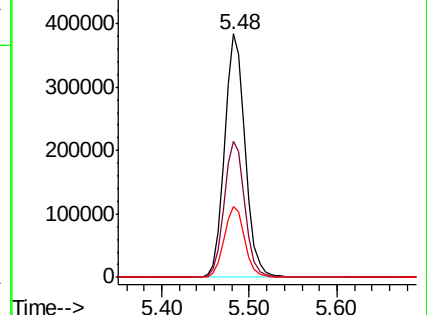
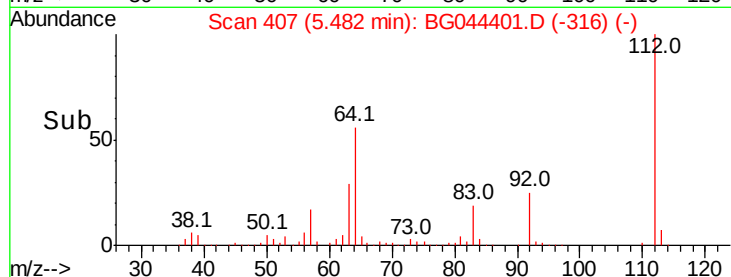
112 100

64 55.9 45.4 68.2

63 29.2 22.9 34.3



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: 18.963 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

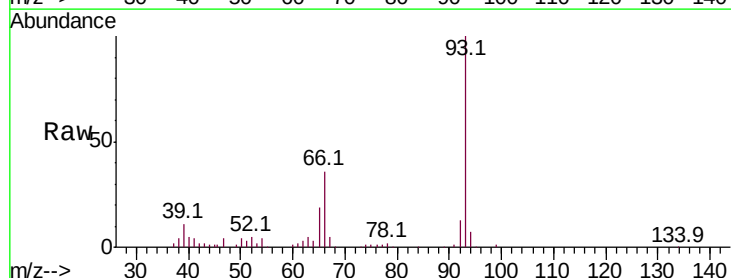
Tgt Ion: 93 Resp: 127078

Ion Ratio Lower Upper

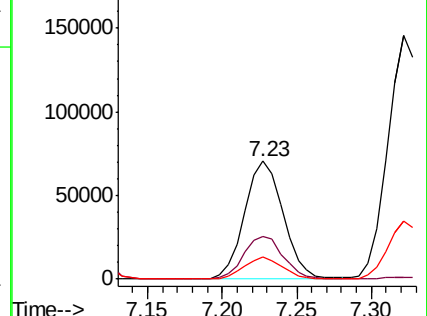
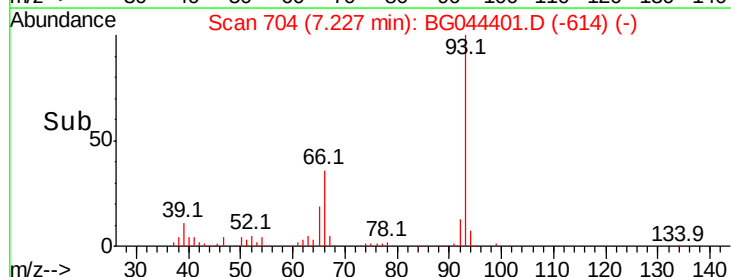
93 100

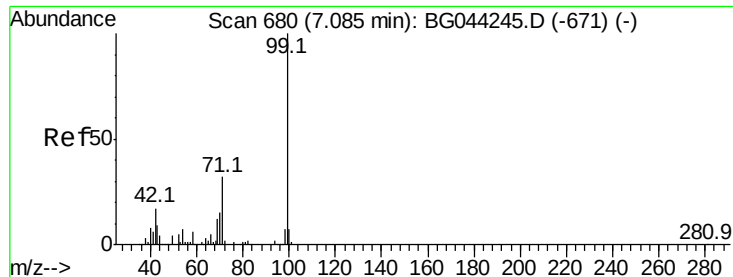
66 36.2 28.7 43.1

65 18.7 15.4 23.0



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: 145.807 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

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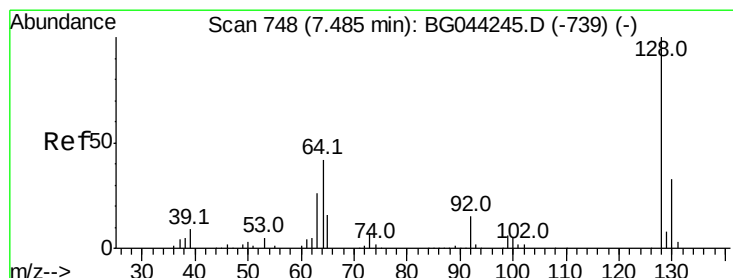
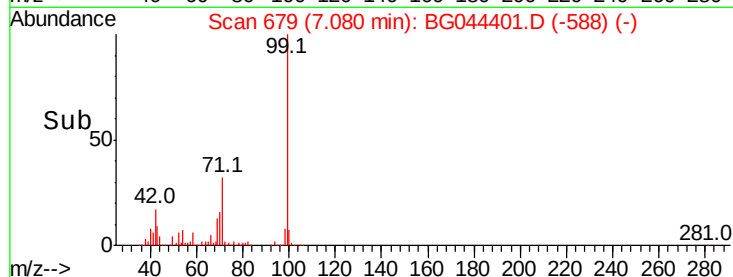
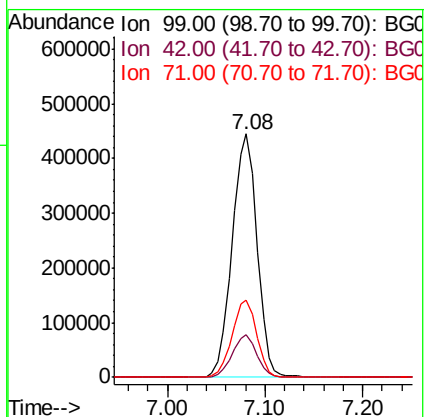
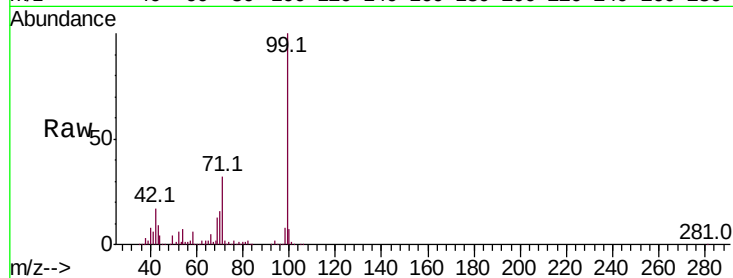
Tot Ion: 99 Resp: 787183

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

71 31.8 25.5 38.3



#8

2-Chlorophenol

Concen: 58.221 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

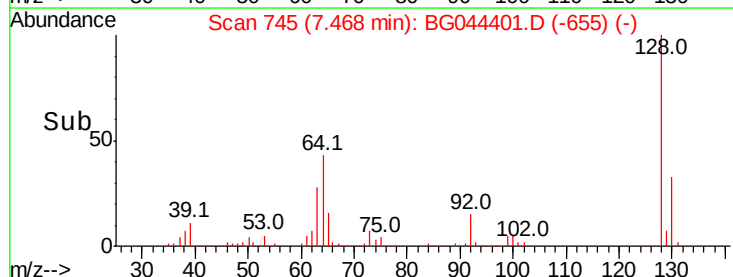
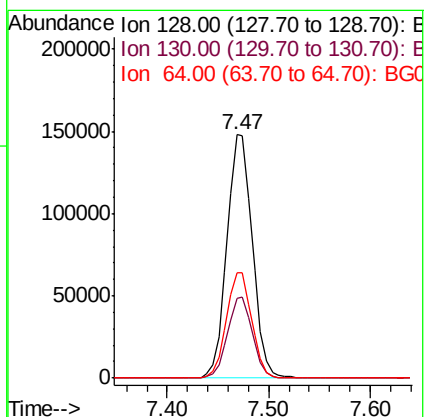
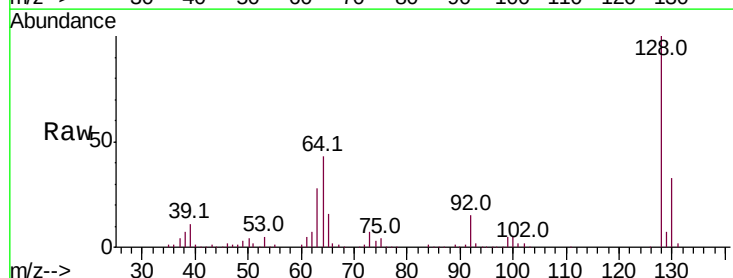
Tgt Ion: 128 Resp: 257251

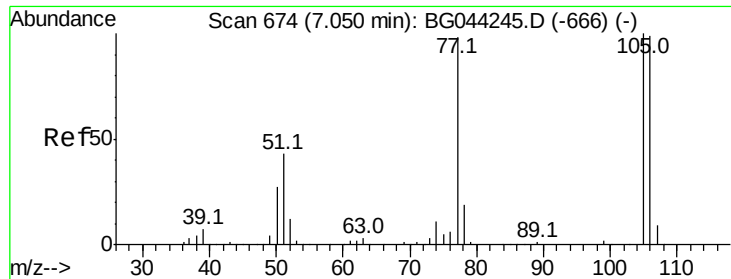
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 43.5 24.2 64.2

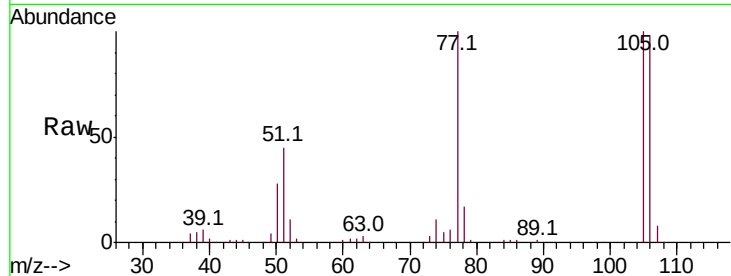




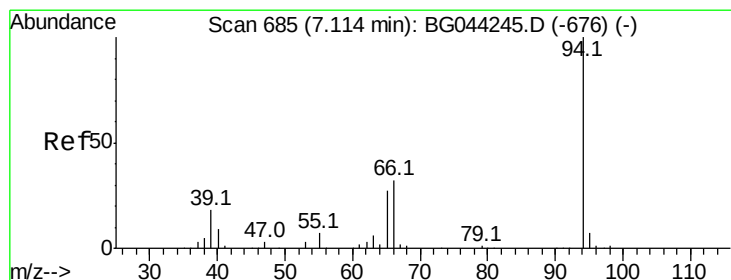
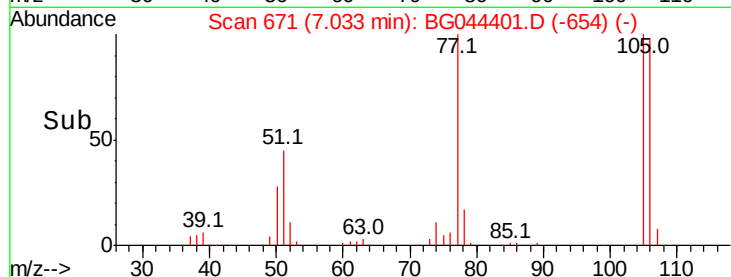
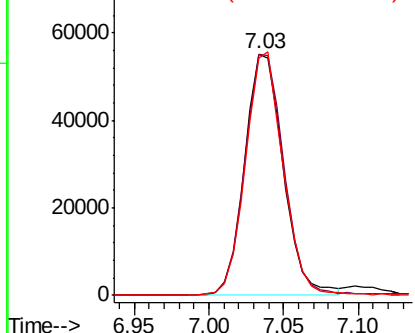
#9
Benzaldehyde
Concen: 32.033 ng
RT: 7.03 min Scan# 671
Delta R.T. -0.00 min
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Tot Ion: 77 Resp: 98495
Ion Ratio Lower Upper
77 100
105 99.9 82.0 122.0
106 98.3 80.7 120.7

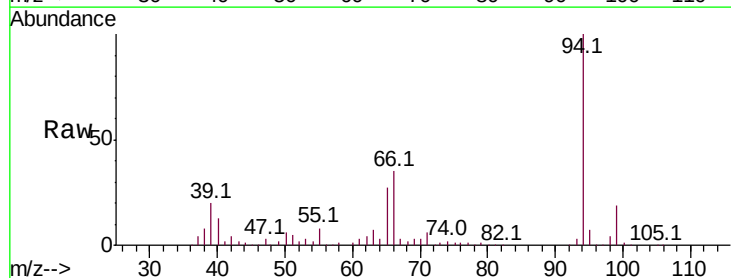


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

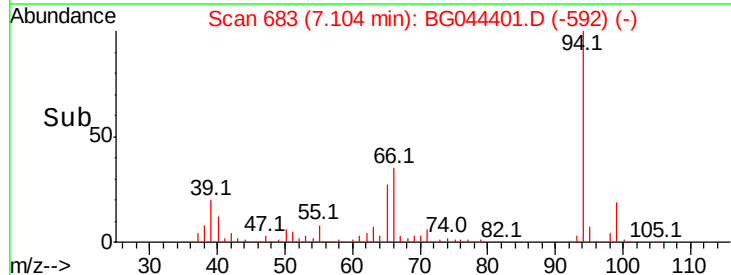
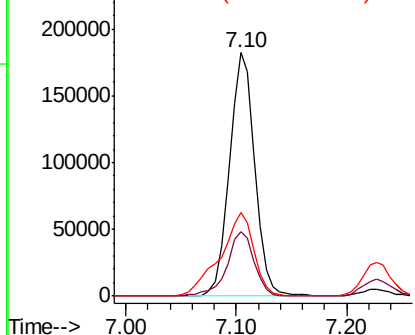


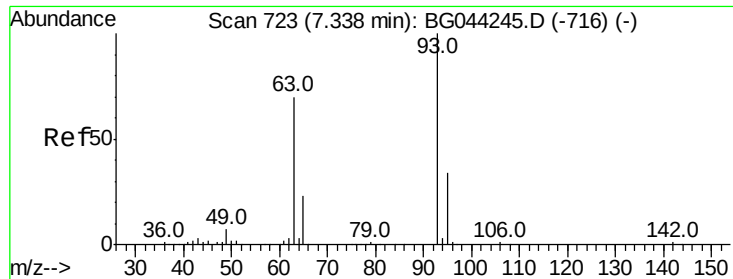
#10
Phenol
Concen: 54.742 ng
RT: 7.10 min Scan# 683
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion: 94 Resp: 292489
Ion Ratio Lower Upper
94 100
65 26.5 7.0 47.0
66 34.5 12.7 52.7



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



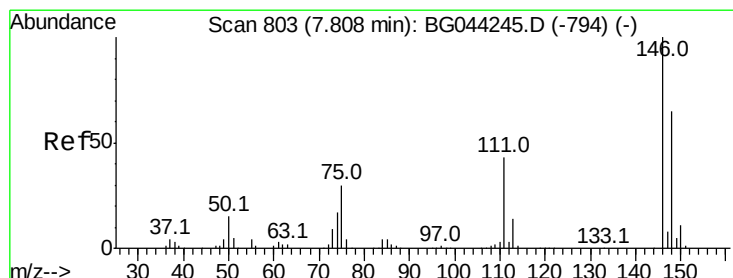
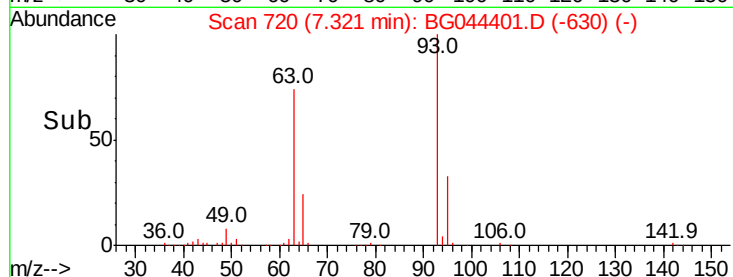
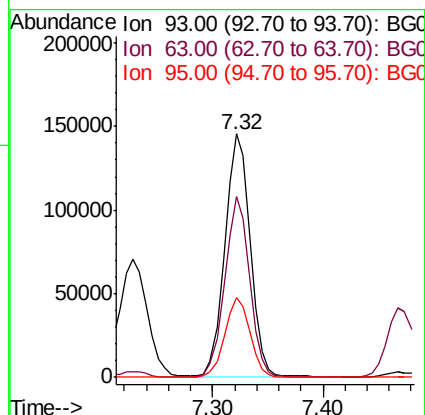
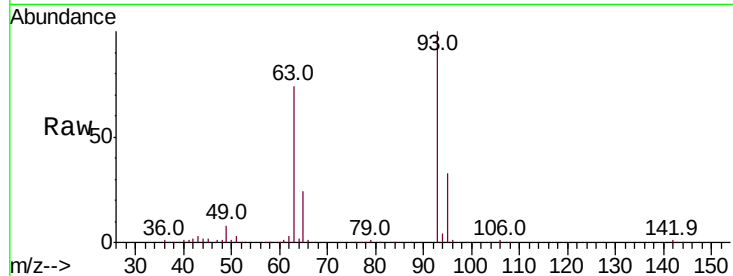


#11
 bis(2-Chloroethyl)ether
 Concen: 51.529 ng
 RT: 7.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMS

Tot Ion: 93 Resp: 235378

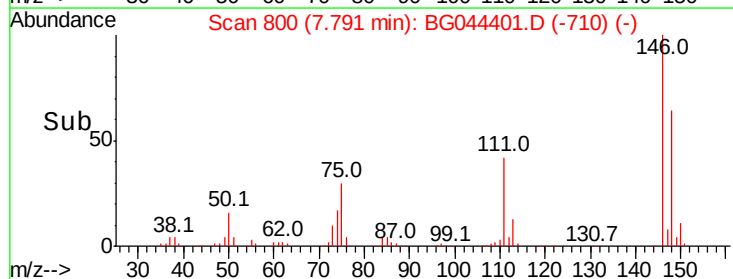
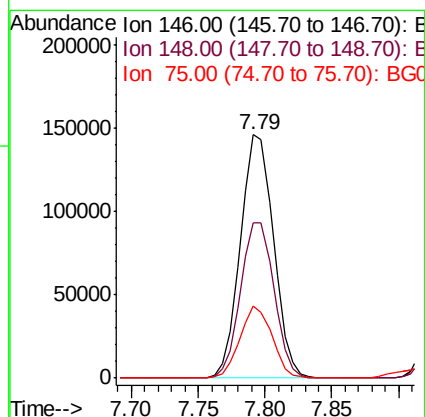
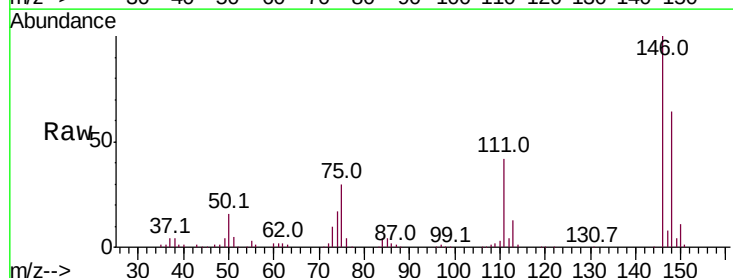
Ion	Ratio	Lower	Upper
93	100		
63	74.1	49.2	89.2
95	32.8	13.6	53.6

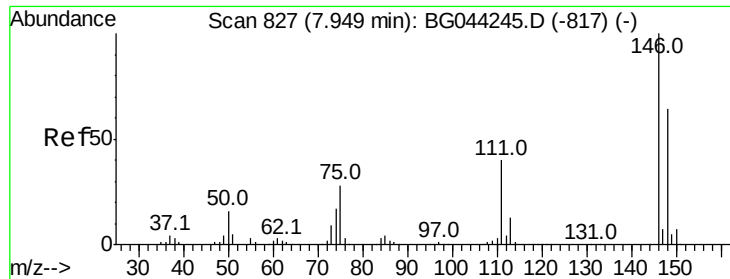


#12
 1,3-Dichlorobenzene
 Concen: 47.721 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Tgt Ion: 146 Resp: 251759

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	29.7	23.7	35.5

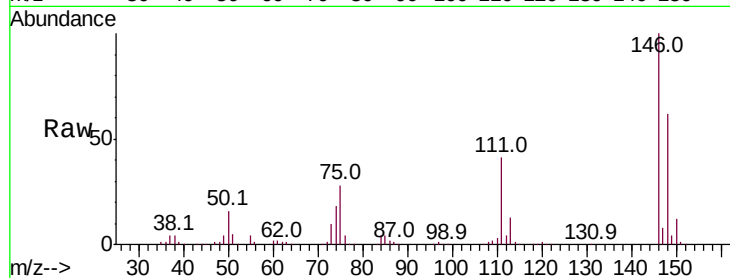




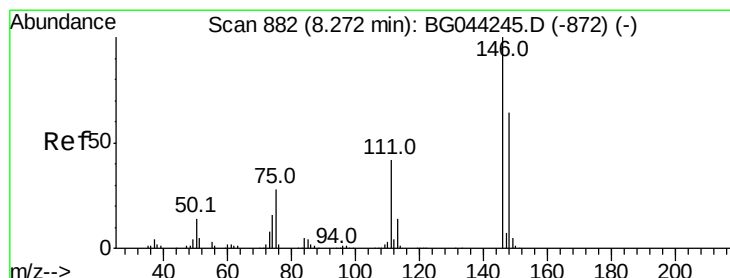
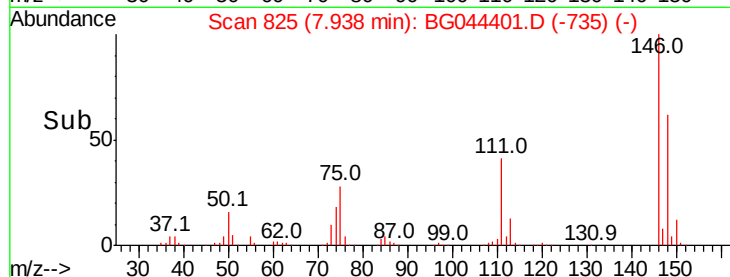
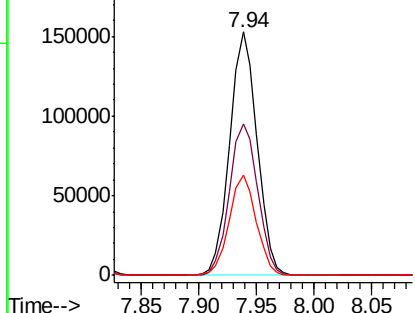
#13
 1,4-Dichlorobenzene
 Concen: 48.041 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMS

Tot Ion:146 Resp: 251020
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.4 77.0
 111 41.0 31.8 47.8

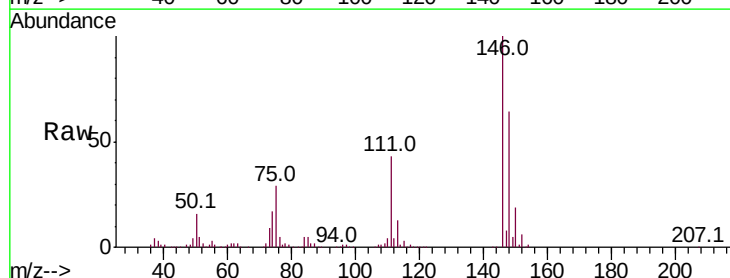


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

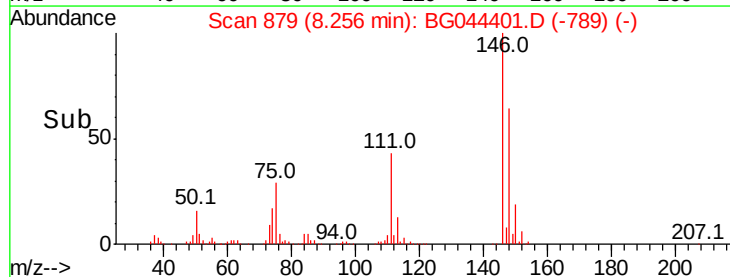
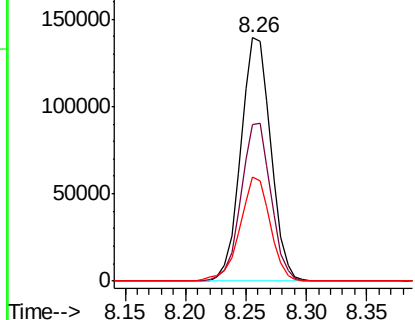


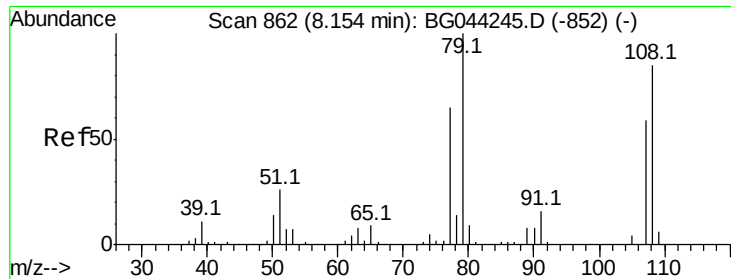
#14
 1,2-Dichlorobenzene
 Concen: 48.931 ng
 RT: 8.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Tgt Ion:146 Resp: 241659
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 42.6 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

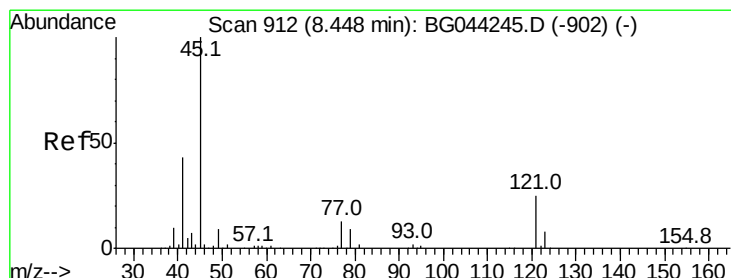
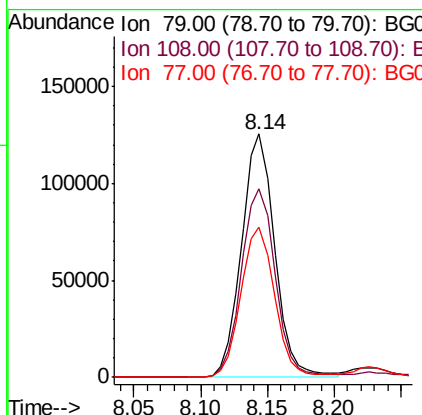
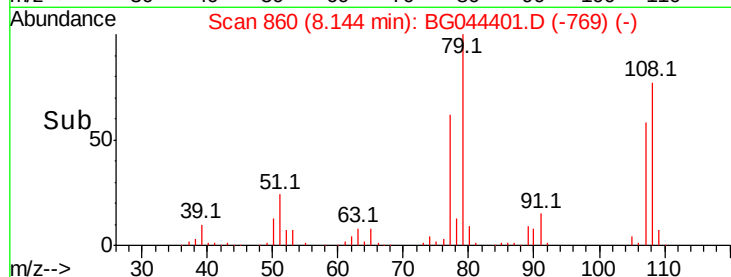
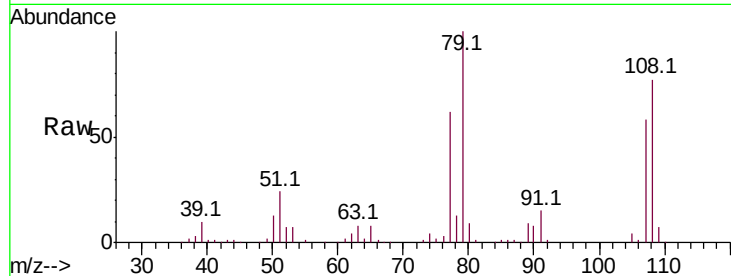




#15
Benzyl Alcohol
Concen: 56.477 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

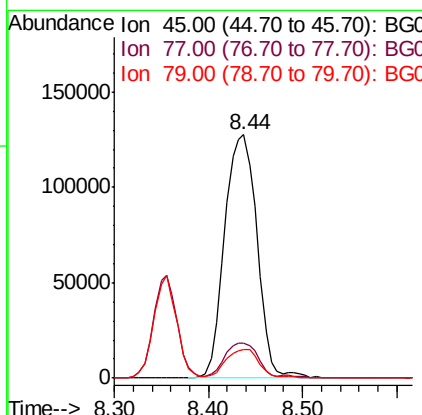
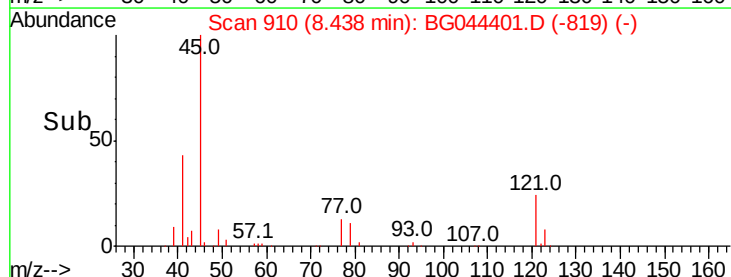
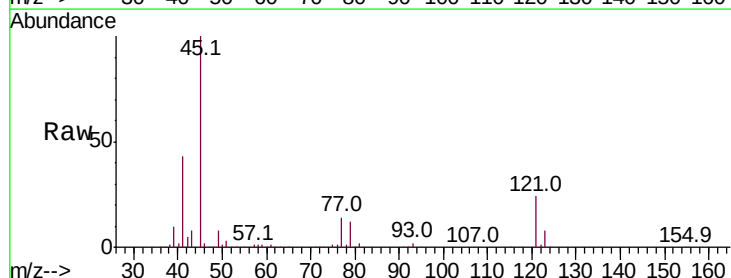
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

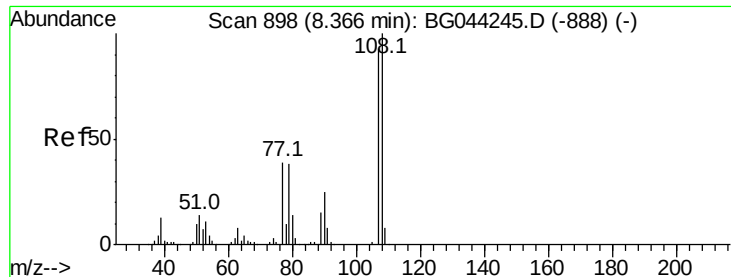
Tot Ion: 79 Resp: 215867
Ion Ratio Lower Upper
79 100
108 77.3 68.3 102.5
77 61.7 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.087 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion: 45 Resp: 303485
Ion Ratio Lower Upper
45 100
77 14.3 0.0 35.2
79 11.7 0.0 31.1

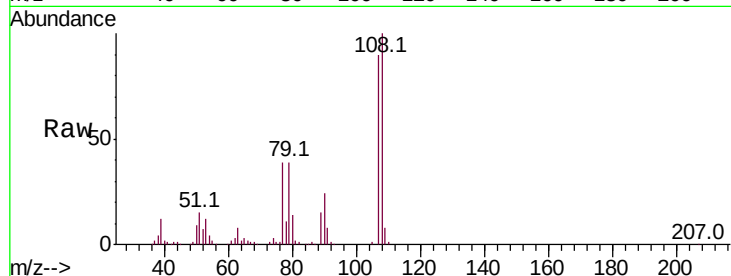




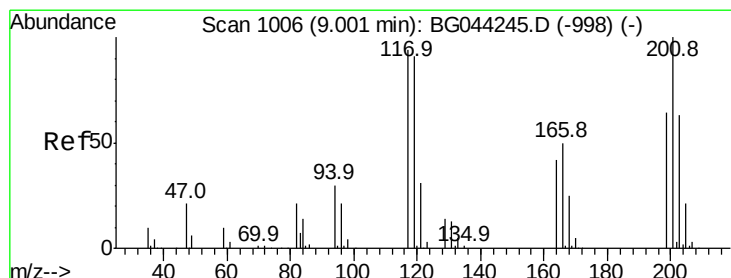
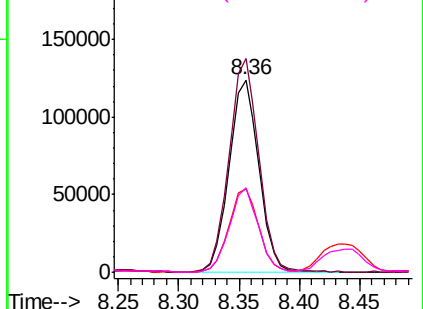
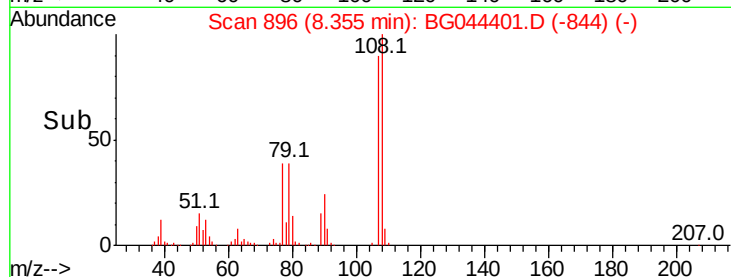
#17
2-Methylphenol
Concen: 55.764 ng
RT: 8.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

Tot Ion:107 Resp: 212579
Ion Ratio Lower Upper
107 100
108 111.1 86.4 129.6
77 43.5 34.0 51.0
79 43.7 32.9 49.3

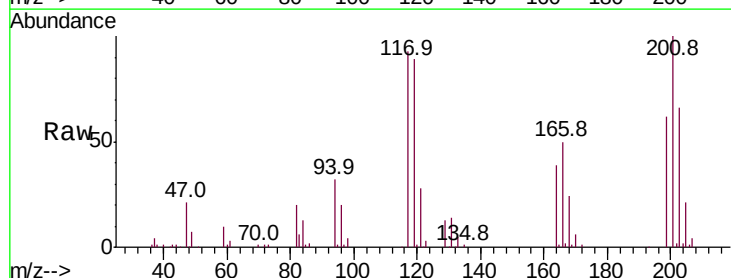


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

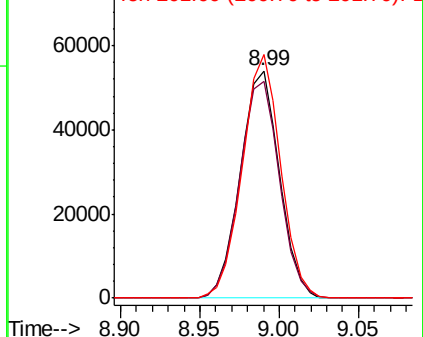
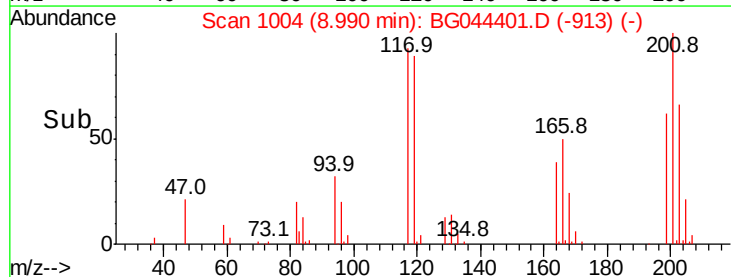


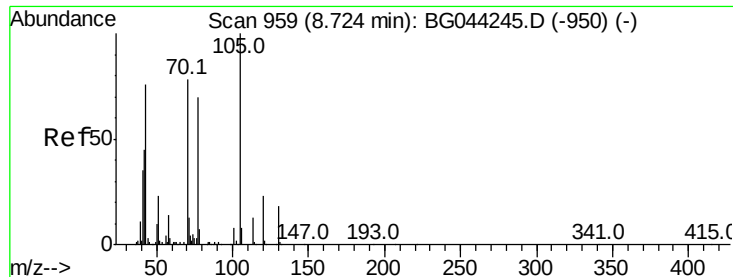
#18
Hexachloroethane
Concen: 47.190 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:117 Resp: 92527
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
201 107.1 84.9 127.3



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: 51.712 ng

RT: 8.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

Tot Ion: 70 Resp: 186063

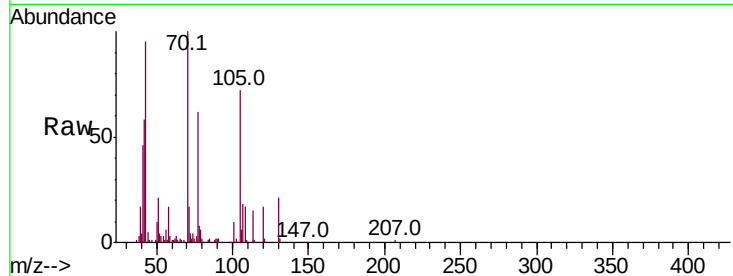
Ion Ratio Lower Upper

70 100

42 58.1 46.2 69.2

101 9.9 8.4 12.6

130 21.5 17.8 26.8

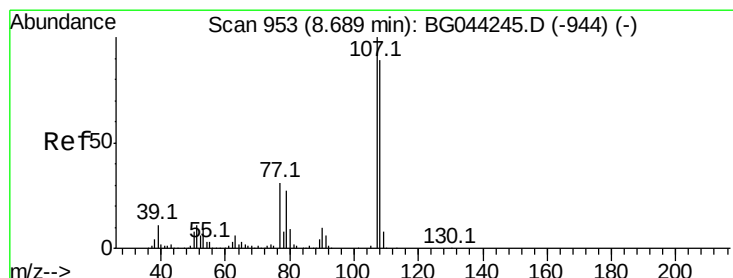
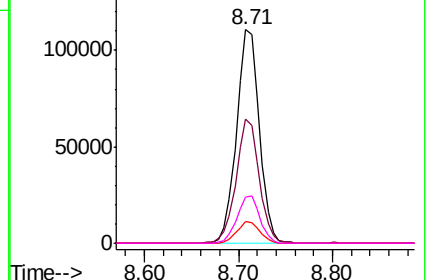
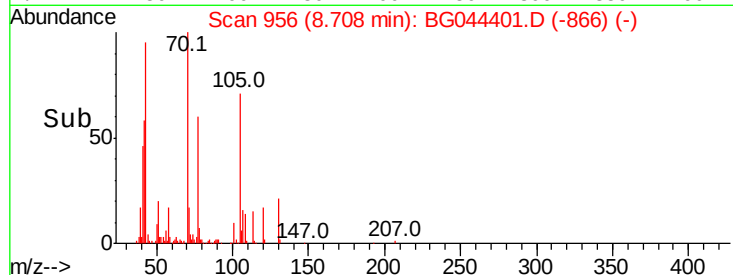


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 55.649 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Tgt Ion:107 Resp: 292365

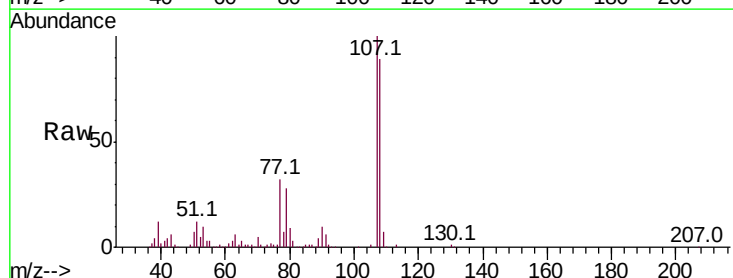
Ion Ratio Lower Upper

107 100

108 89.3 68.5 108.5

77 31.8 10.9 50.9

79 28.1 7.1 47.1

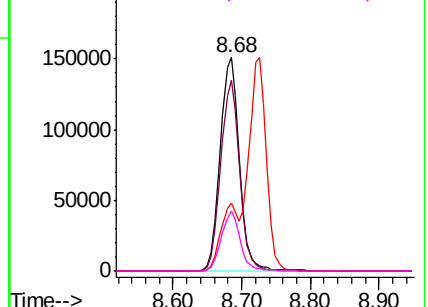
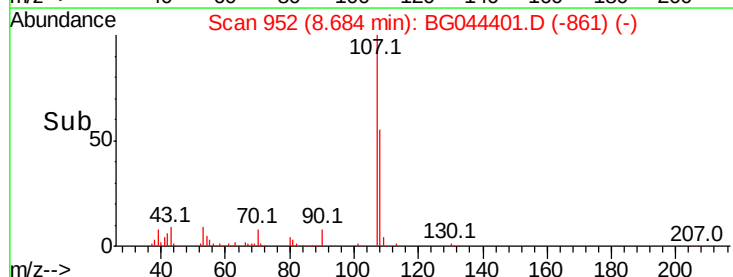


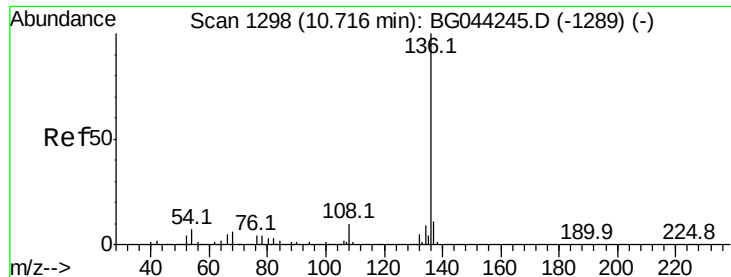
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

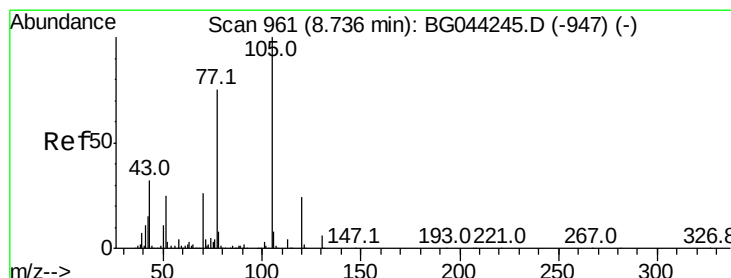
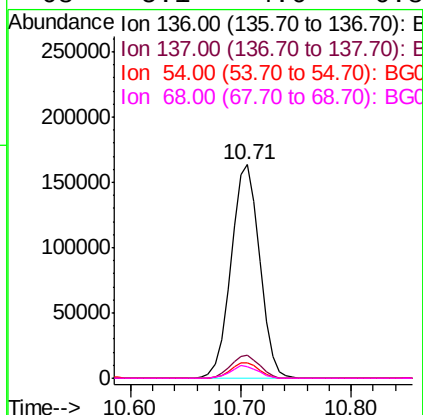
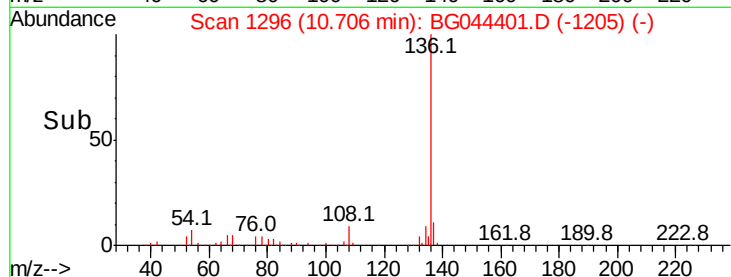
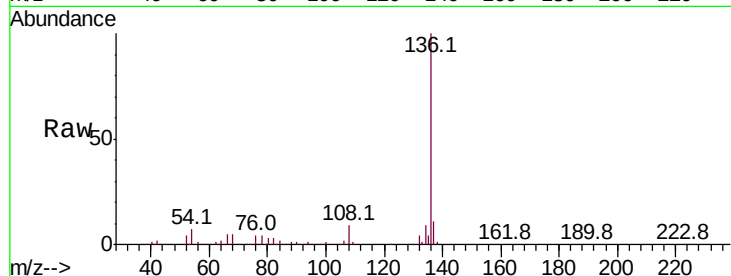




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

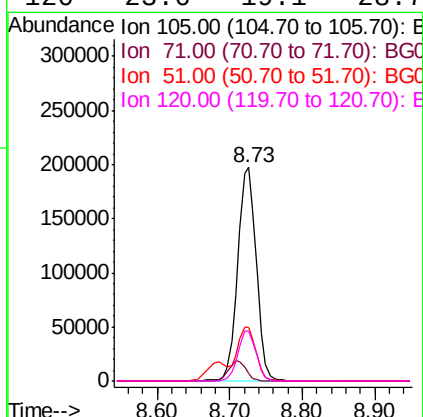
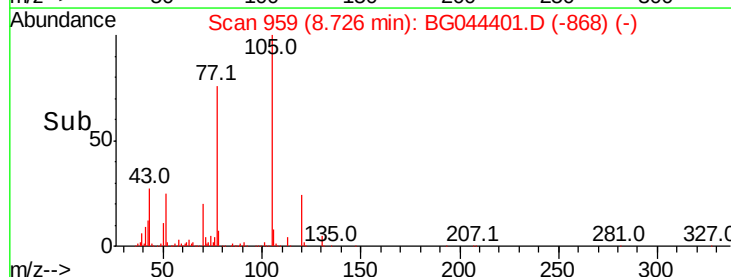
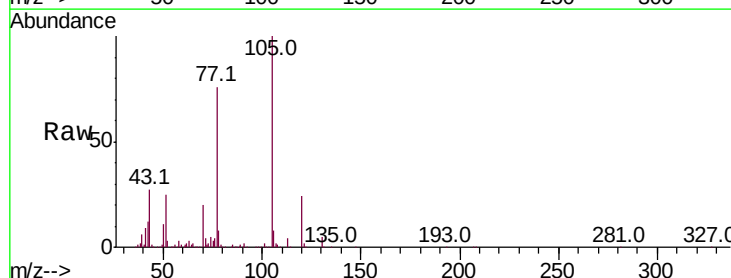
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

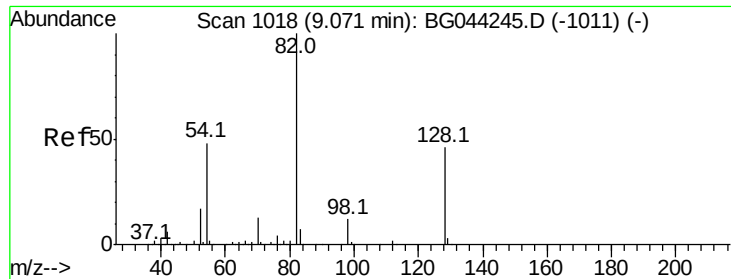
Tot Ion:136	Resp:	296585
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.5	5.8 8.8
68	5.1	4.6 6.8



#22
Acetophenone
Concen: 48.618 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:105	Resp:	350778
Ion Ratio	Lower	Upper
105	100	
71	3.6	3.4 5.0
51	25.3	20.2 30.4
120	23.6	19.1 28.7

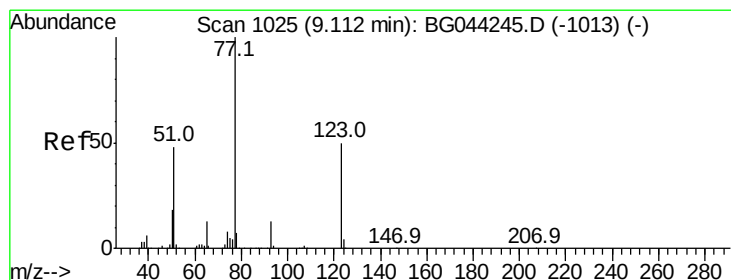
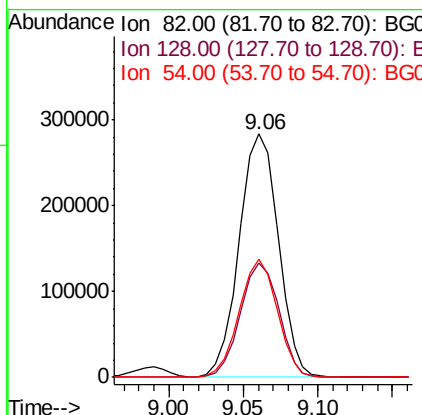
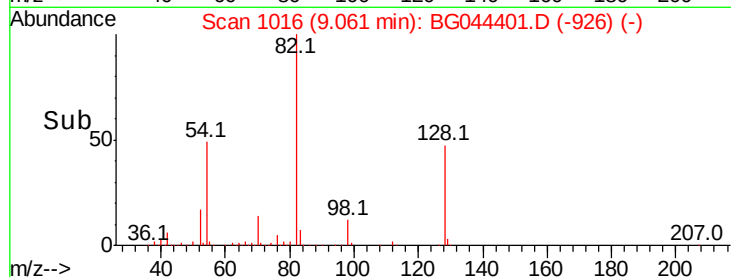
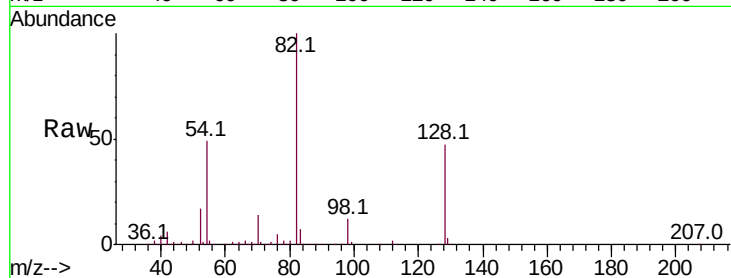




#23
 Nitrobenzene-d5
 Concen: 98.279 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

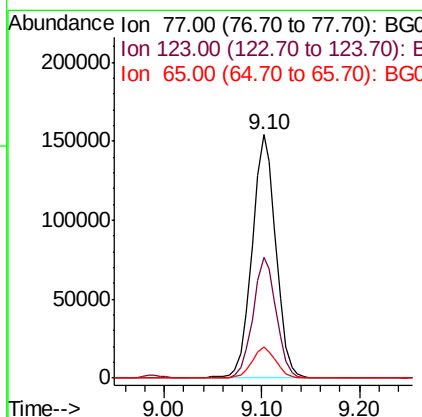
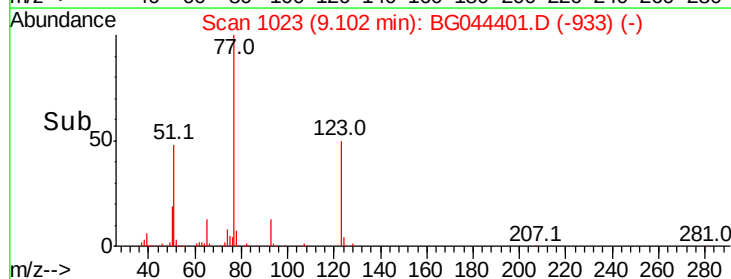
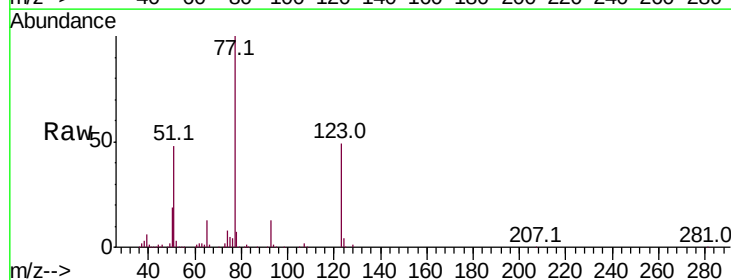
Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMS

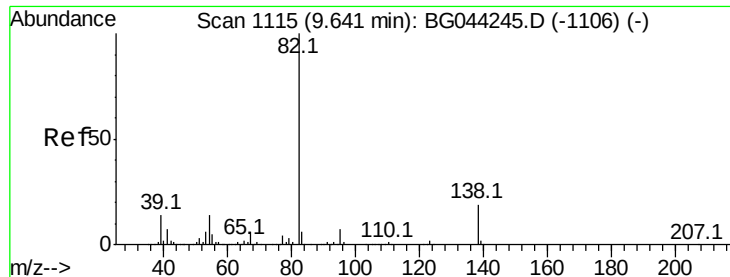
Tot Ion: 82 Resp: 516296
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.5 54.7
 54 48.6 38.6 58.0



#24
 Nitrobenzene
 Concen: 51.463 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Tgt Ion: 77 Resp: 263931
 Ion Ratio Lower Upper
 77 100
 123 49.5 39.9 59.9
 65 12.8 10.4 15.6





#25

Isophorone

Concen: 53.198 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

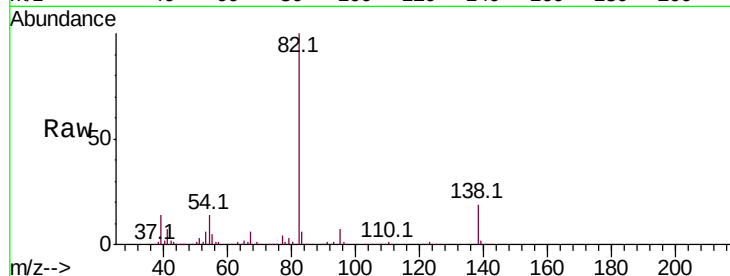
Tot Ion: 82 Resp: 520895

Ion Ratio Lower Upper

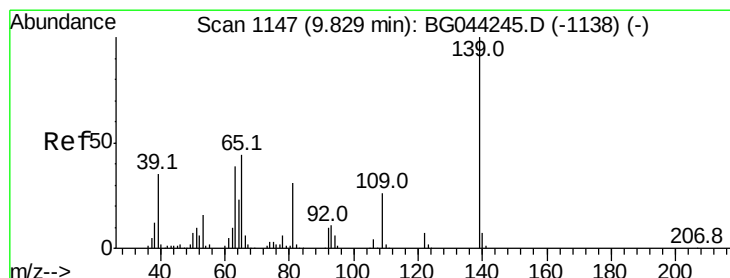
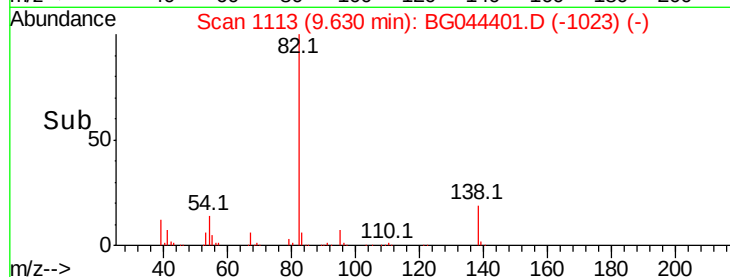
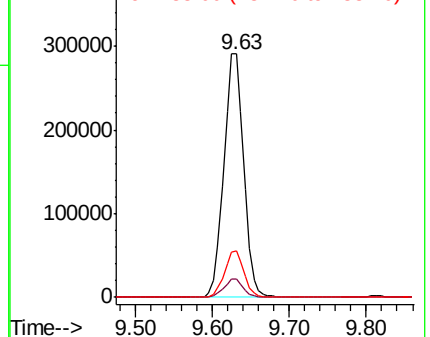
82 100

95 7.4 5.7 8.5

138 18.9 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 53.772 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

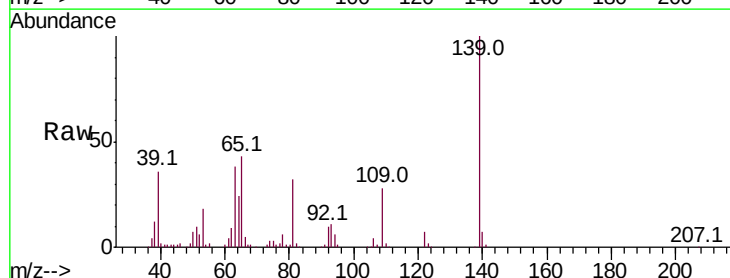
Tgt Ion: 139 Resp: 143095

Ion Ratio Lower Upper

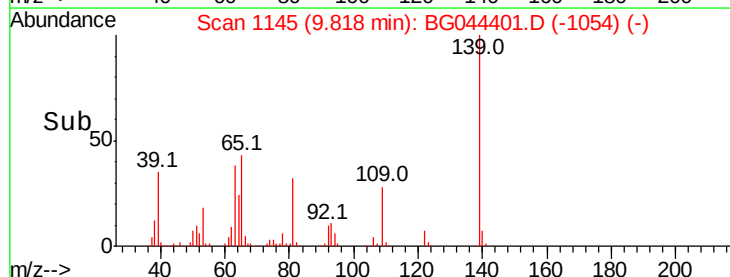
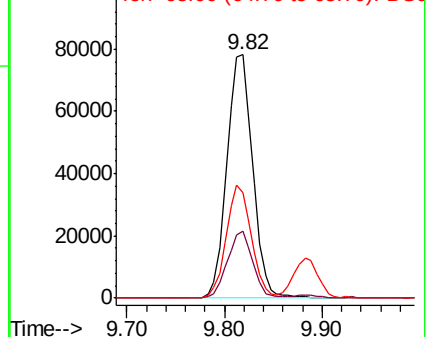
139 100

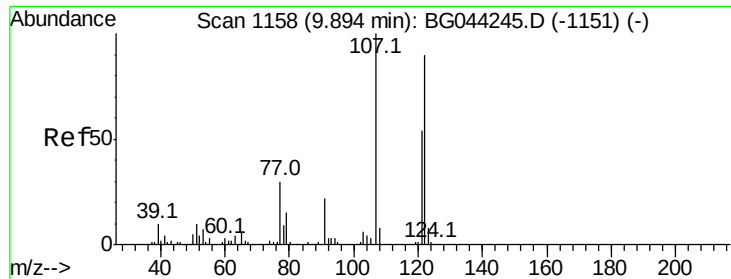
109 27.6 21.0 31.4

65 43.2 35.0 52.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

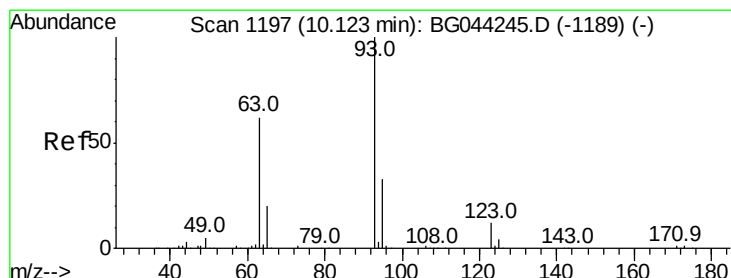
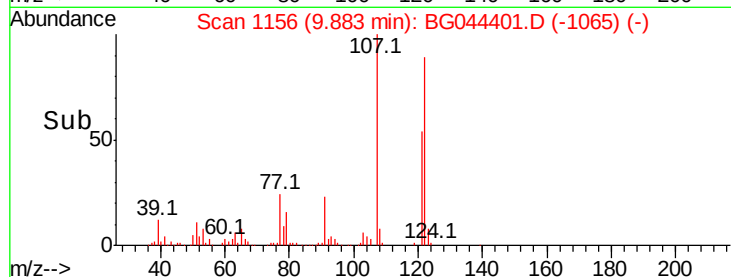
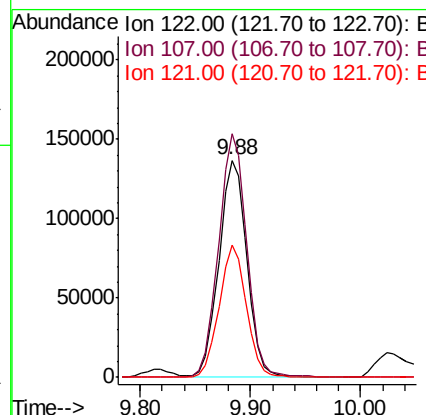
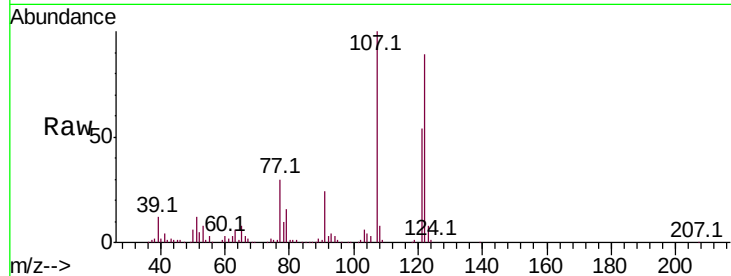




#27
2,4-Dimethylphenol
Concen: 63.275 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

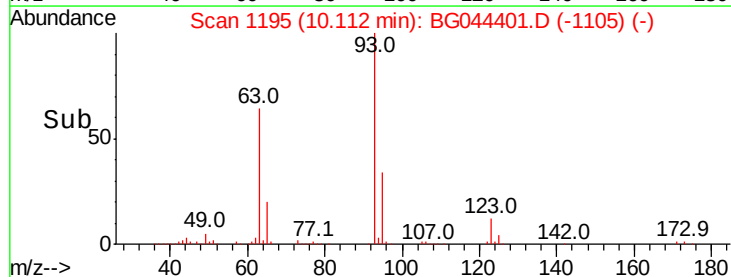
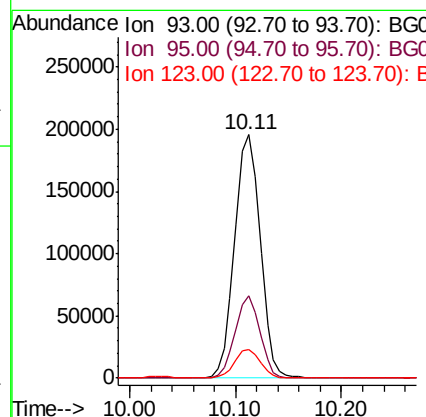
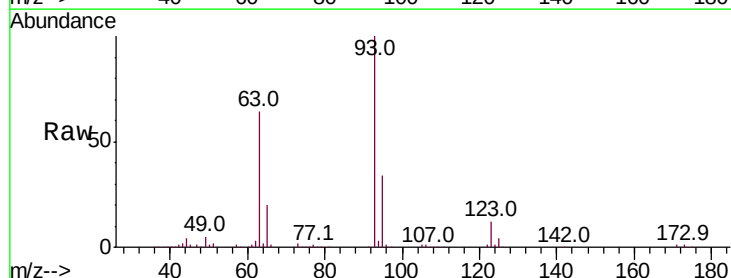
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

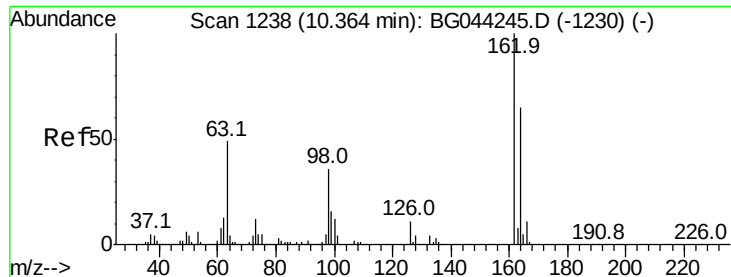
Tot Ion:122 Resp: 237693
Ion Ratio Lower Upper
122 100
107 112.1 88.8 133.2
121 60.7 48.3 72.5



#28
bis(2-Chloroethoxy)methane
Concen: 50.226 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion: 93 Resp: 328074
Ion Ratio Lower Upper
93 100
95 33.8 26.6 40.0
123 11.6 10.0 15.0

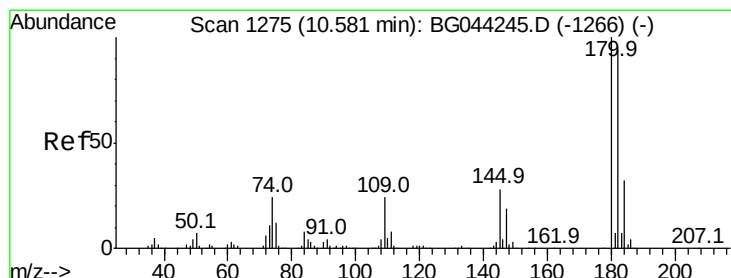
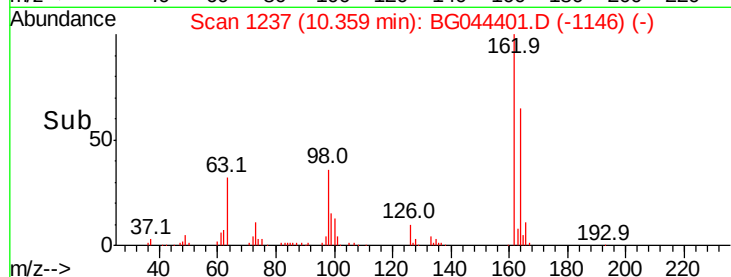
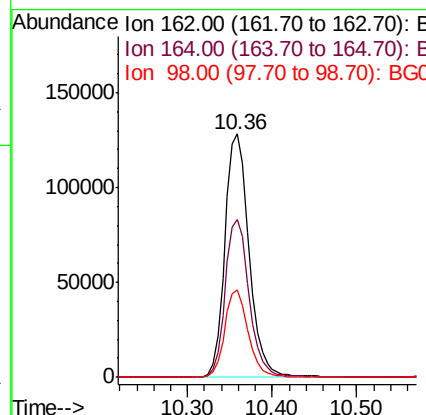
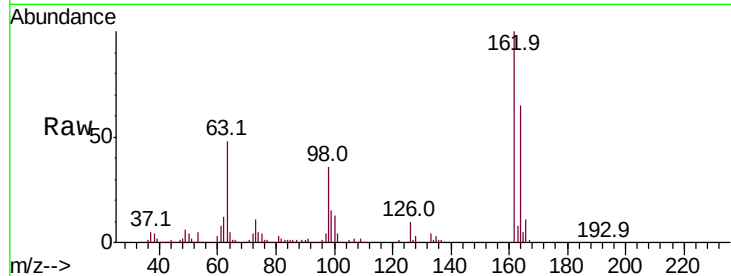




#29
2,4-Dichlorophenol
Concen: 56.079 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

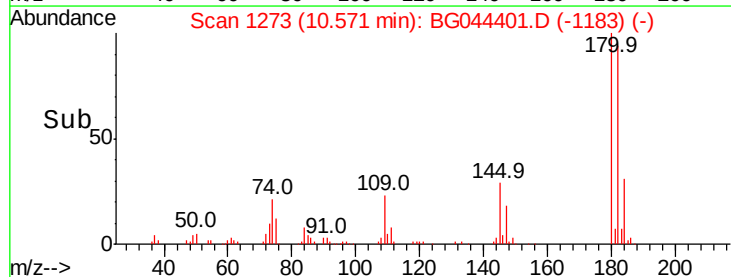
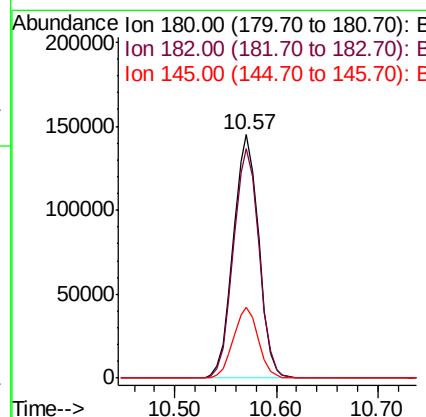
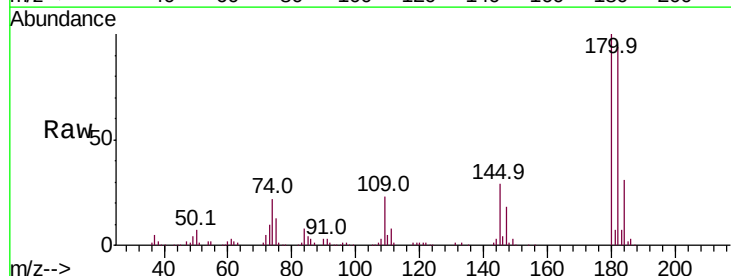
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

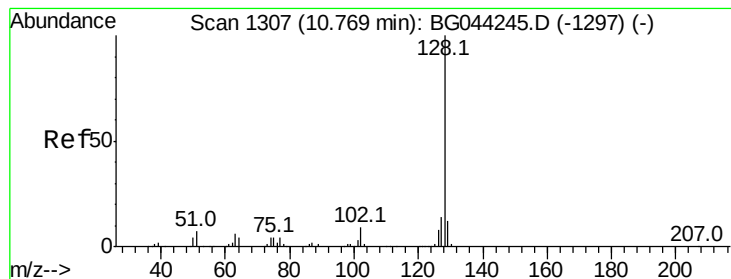
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.7	84.7
98	36.1	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 48.296 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.5	113.3
145	29.0	22.6	34.0





#31

Naphthalene

Concen: 51.448 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

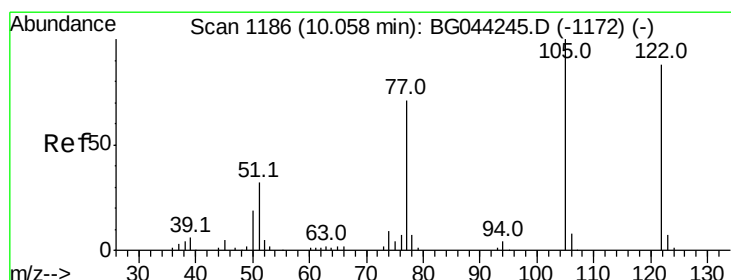
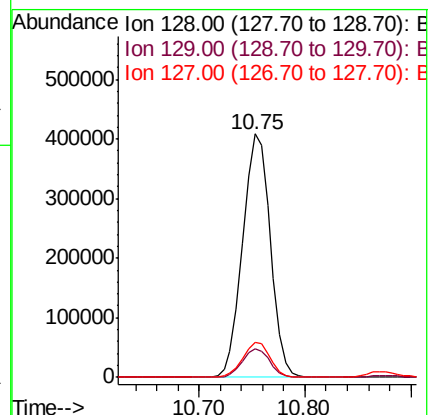
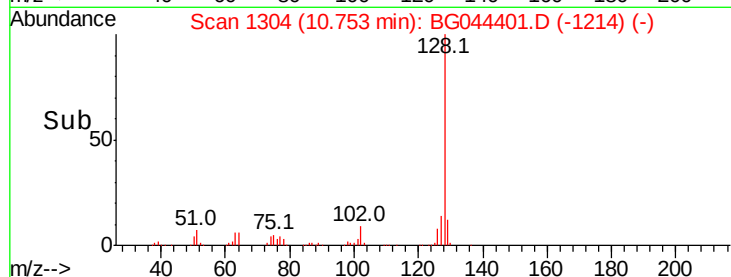
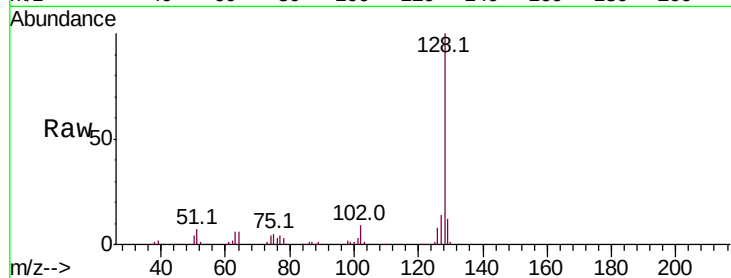
Tot Ion:128 Resp: 740311

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

127 14.1 11.6 17.4



#32

Benzoic acid

Concen: 27.623 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

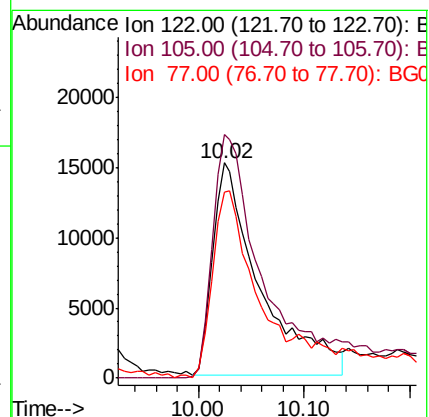
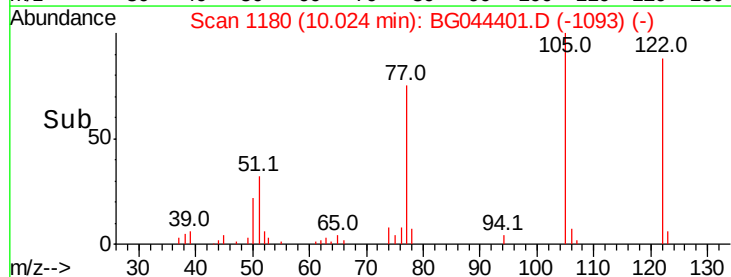
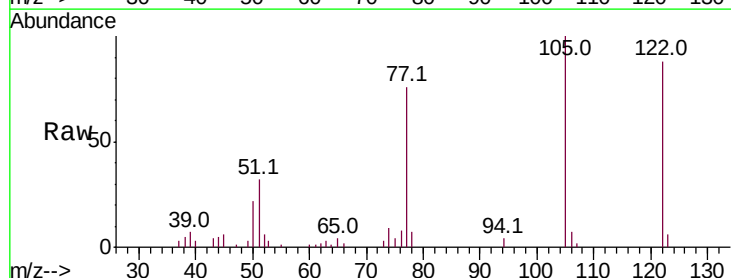
Tgt Ion:122 Resp: 47229

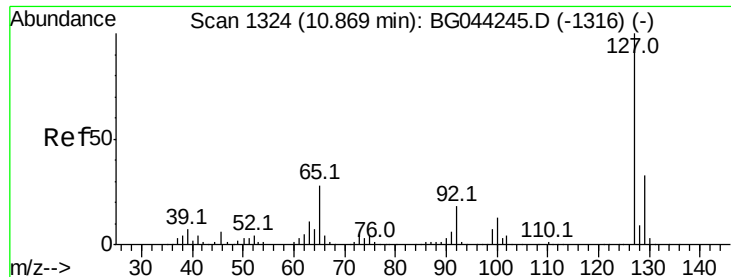
Ion Ratio Lower Upper

122 100

105 113.2 93.5 133.5

77 86.3 61.0 101.0

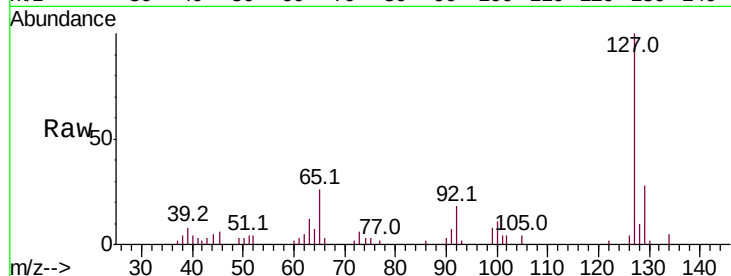




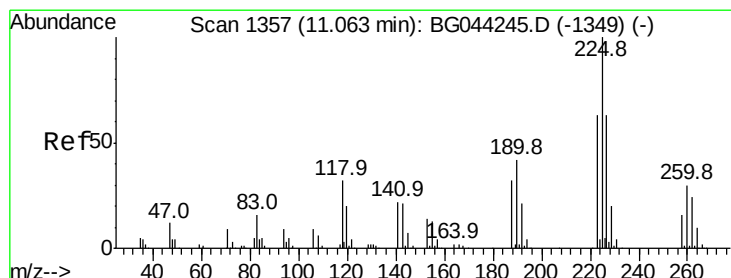
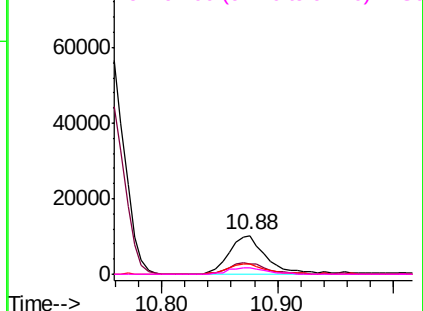
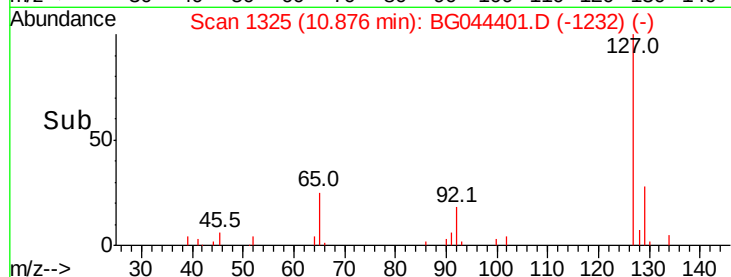
#33
4-Chloroaniline
Concen: 3.475 ng
RT: 10.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

Tot Ion:127 Resp: 22742
Ion Ratio Lower Upper
127 100
129 28.0 26.6 40.0
65 26.5 22.5 33.7
92 17.5 14.1 21.1

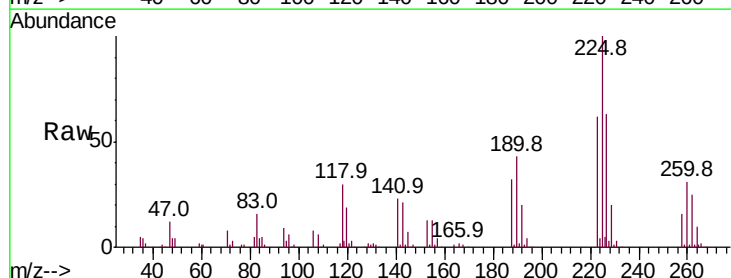


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

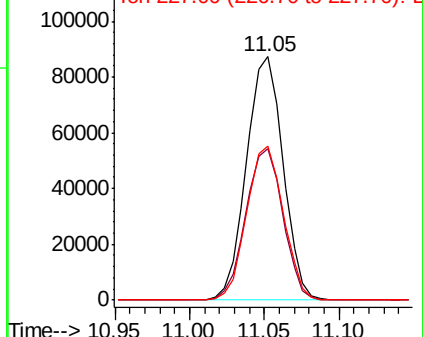
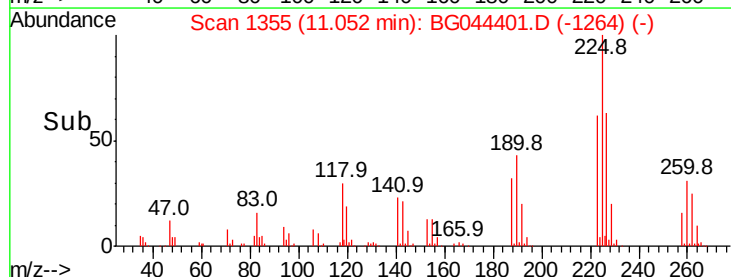


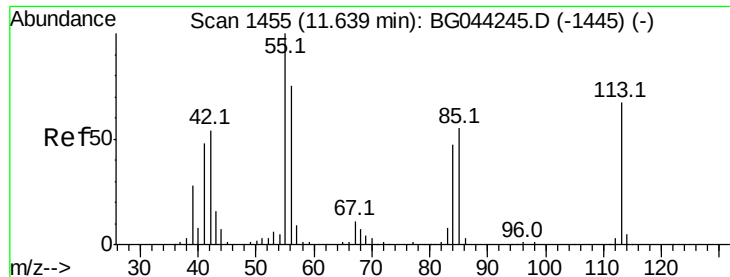
#34
Hexachlorobutadiene
Concen: 46.298 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:225 Resp: 148378
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 63.1 50.8 76.2



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: 29.919 ng

RT: 11.63 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

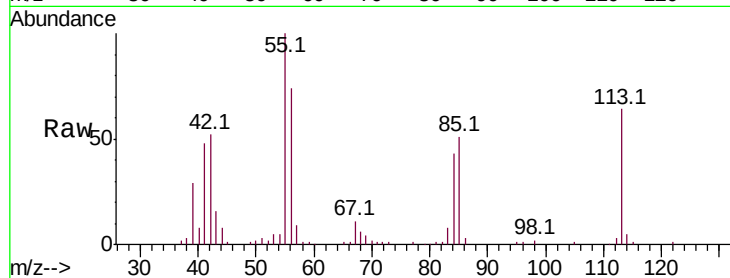
Tot Ion:113 Resp: 49782

Ion Ratio Lower Upper

113 100

55 155.7 129.9 169.9

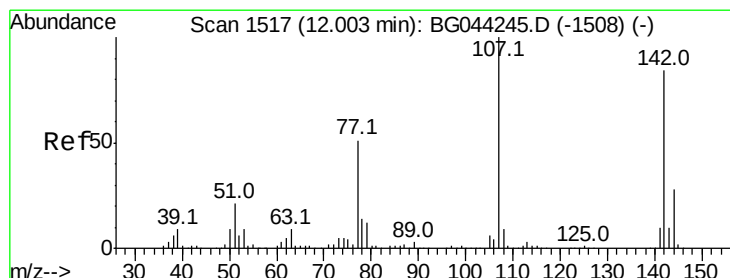
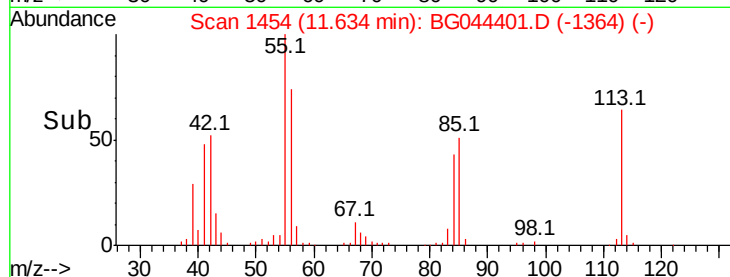
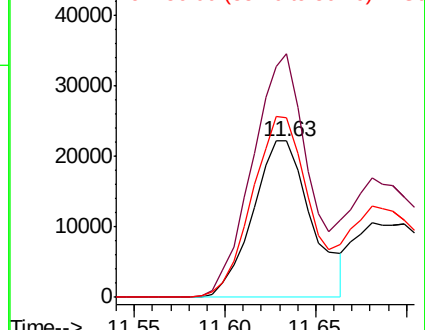
56 115.2 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 57.673 ng

RT: 12.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

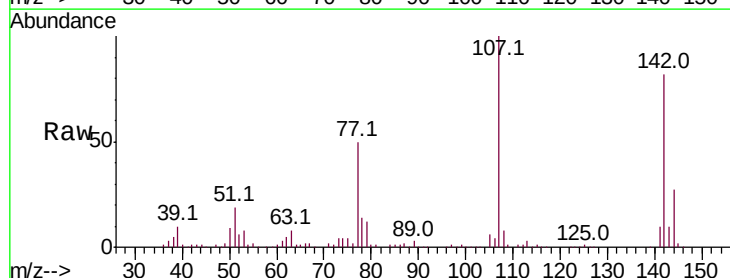
Tgt Ion:107 Resp: 274660

Ion Ratio Lower Upper

107 100

144 27.2 22.2 33.4

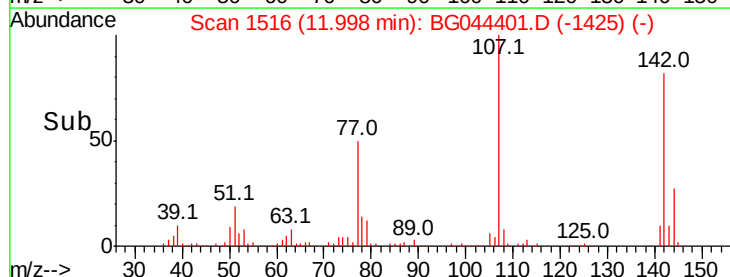
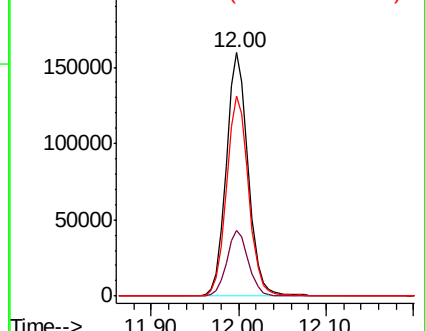
142 82.4 67.4 101.0

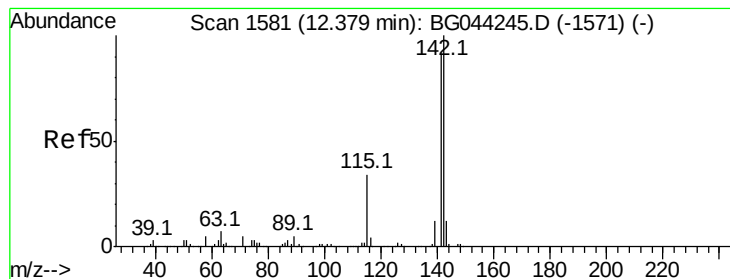


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.380 ng

RT: 12.36 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

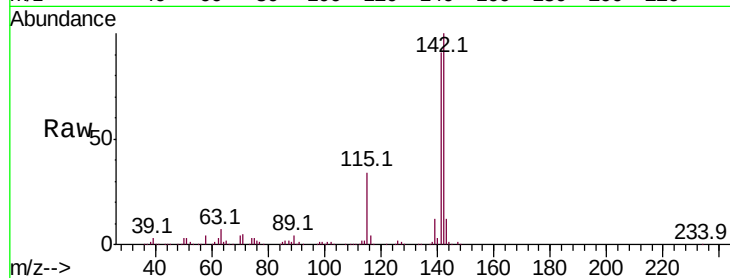
Tot Ion:142 Resp: 559611

Ion Ratio Lower Upper

142 100

141 91.3 73.2 109.8

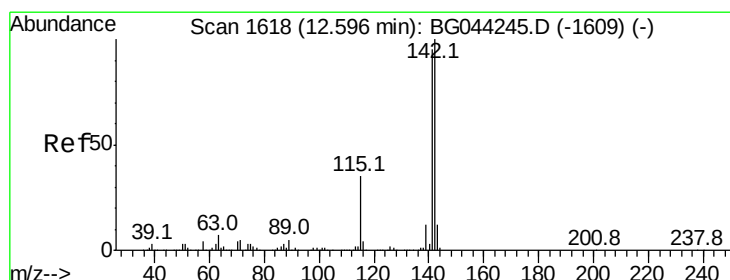
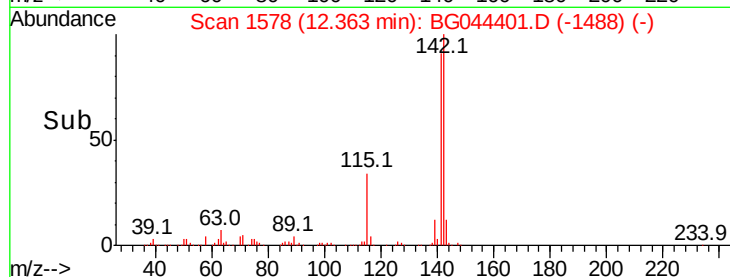
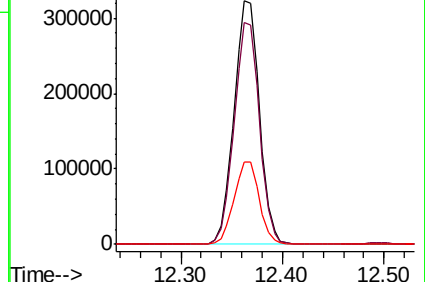
115 33.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.896 ng

RT: 12.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

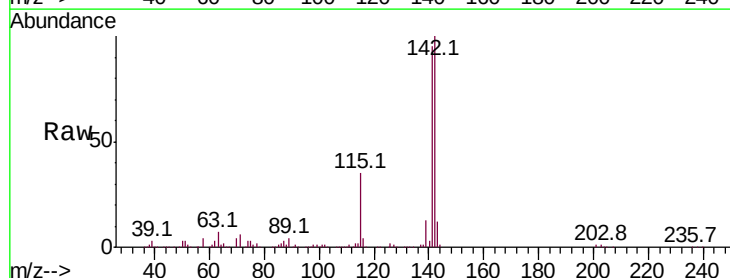
Tgt Ion:142 Resp: 532801

Ion Ratio Lower Upper

142 100

141 95.1 75.8 113.6

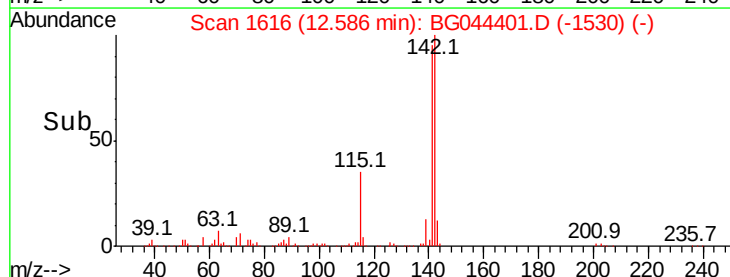
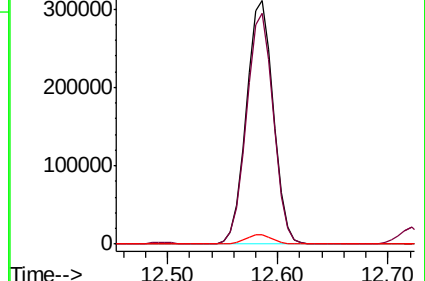
116 3.8 3.1 4.7

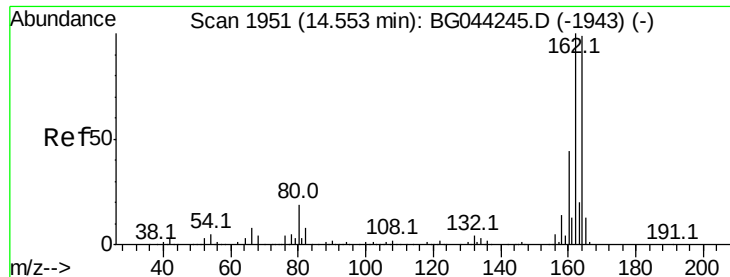


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

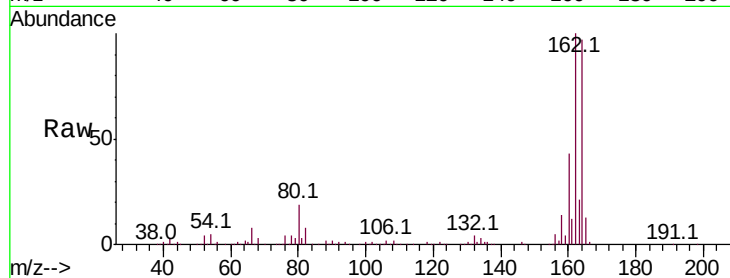
Tot Ion:164 Resp: 201435

Ion Ratio Lower Upper

164 100

162 103.5 80.7 121.1

160 44.4 35.3 52.9

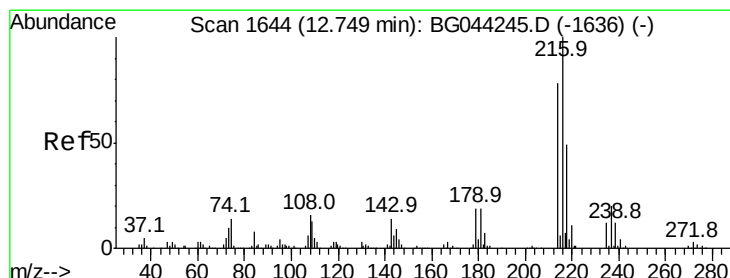
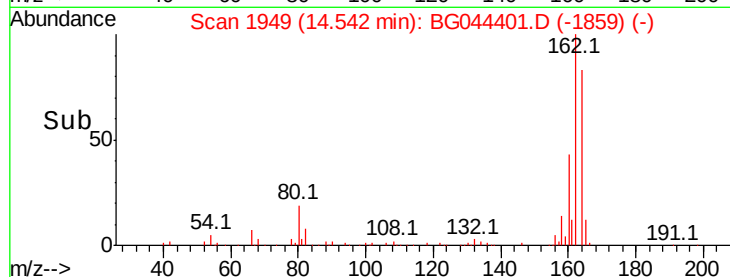
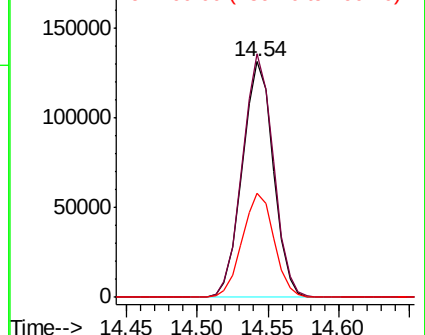


Abundance

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: 46.353 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Tgt Ion:216 Resp: 279302

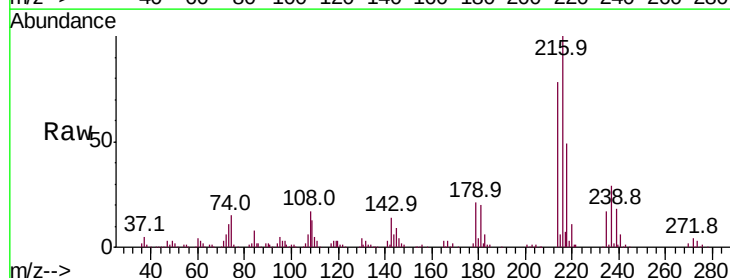
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 20.8 16.2 24.4

108 19.0 13.5 20.3



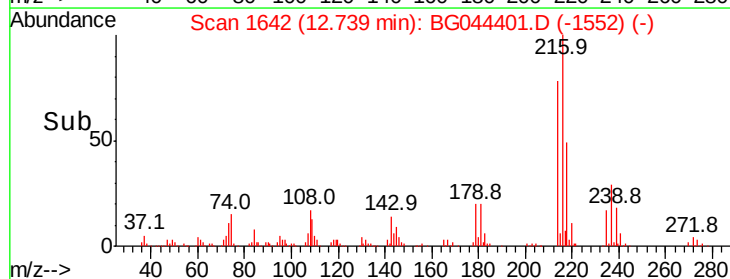
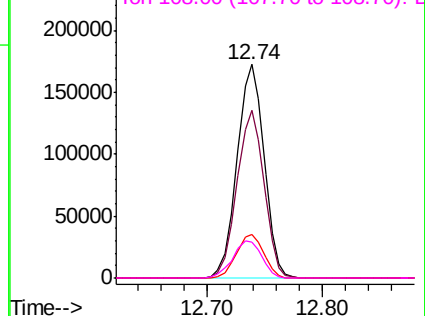
Abundance

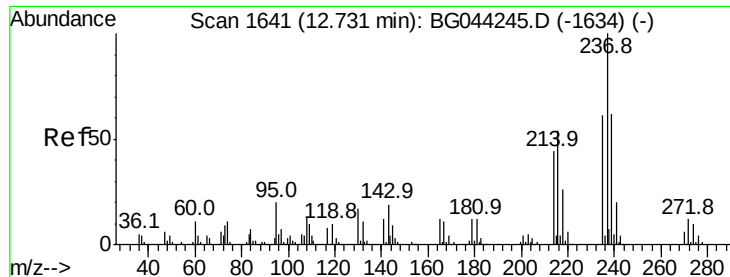
Ion 216.00 (215.70 to 216.70): E

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: 92.582 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

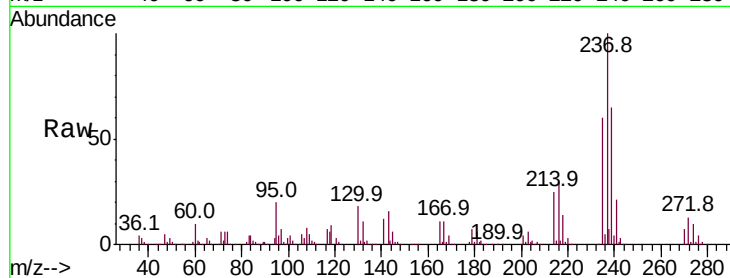
Tot Ion:237 Resp: 267678

Ion Ratio Lower Upper

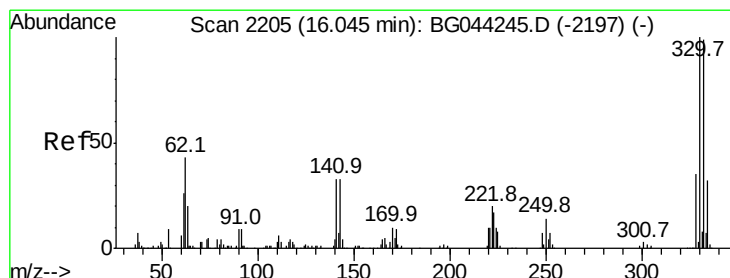
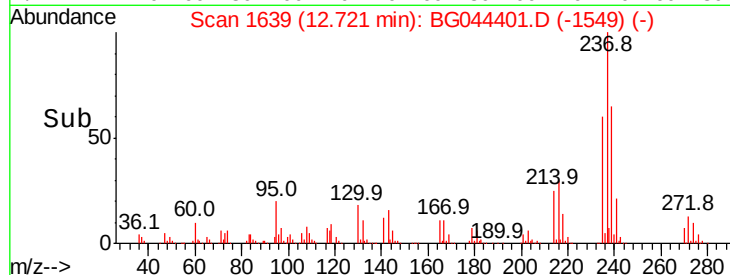
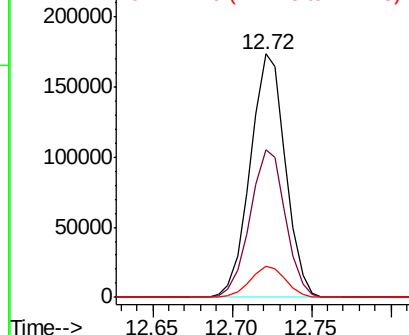
237 100

235 60.4 41.2 81.2

272 12.6 0.0 32.4



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: 159.022 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

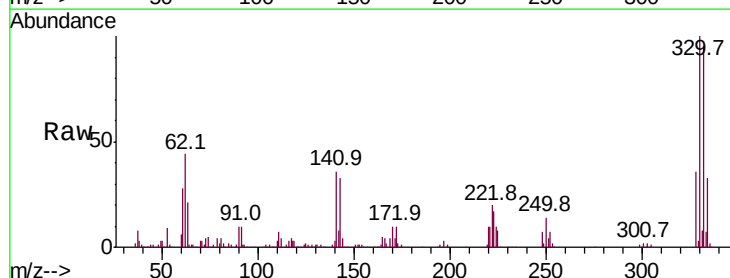
Tgt Ion:330 Resp: 376045

Ion Ratio Lower Upper

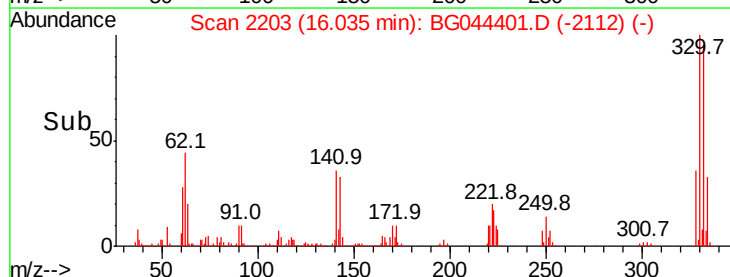
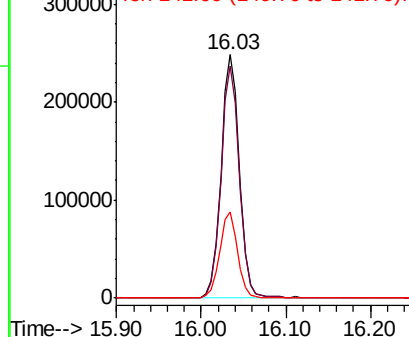
330 100

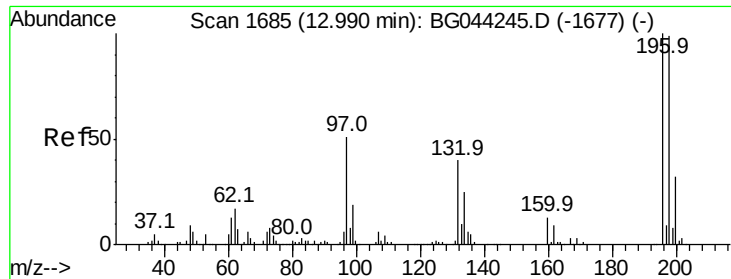
332 95.0 77.2 115.8

141 35.0 28.3 42.5



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

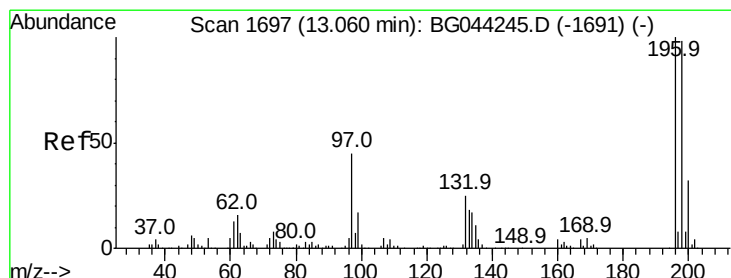
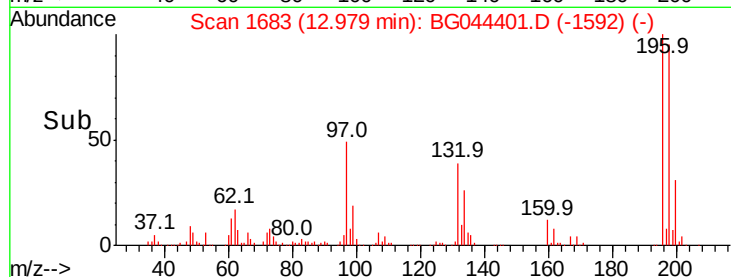
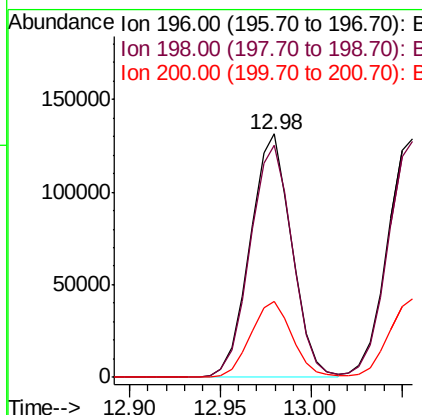
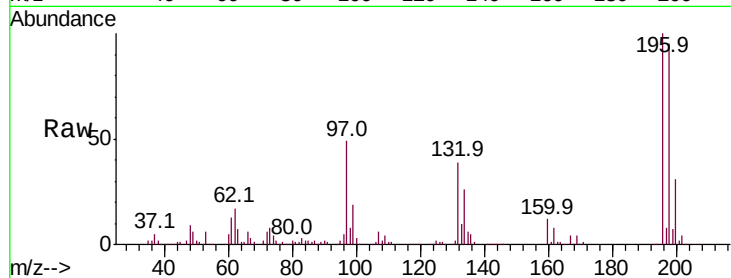




#43
 2,4,6-Trichlorophenol
 Concen: 53.756 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

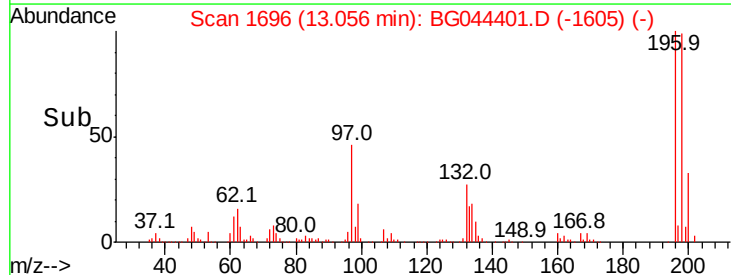
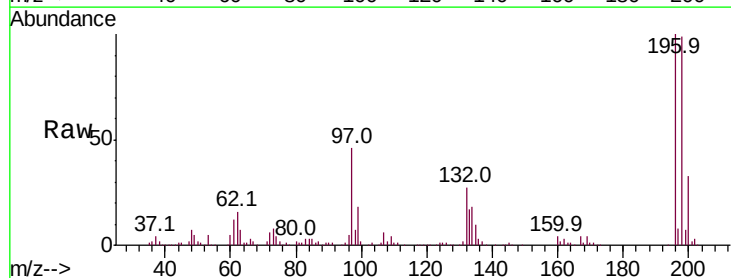
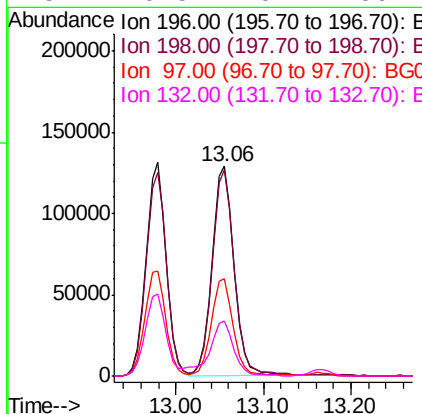
Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMS

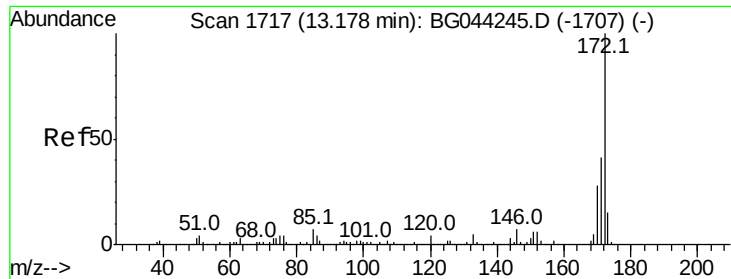
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	79.3	118.9
200	31.0	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 56.773 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	78.2	117.2
97	46.4	36.2	54.4
132	26.5	20.2	30.4

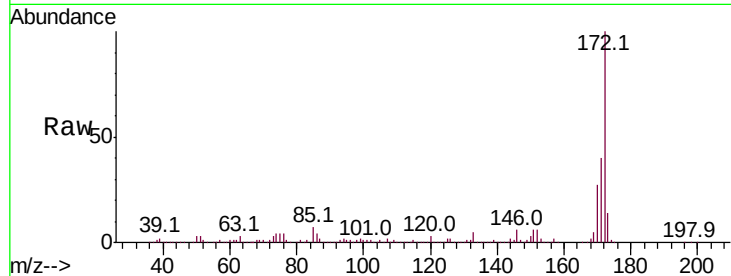




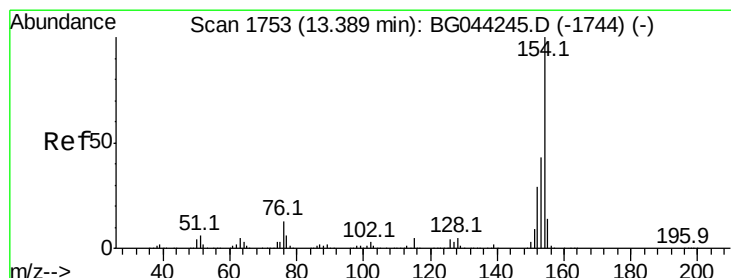
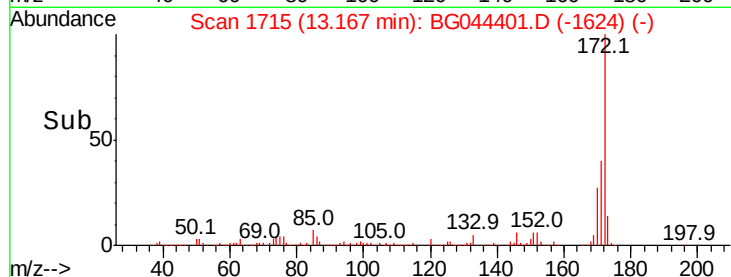
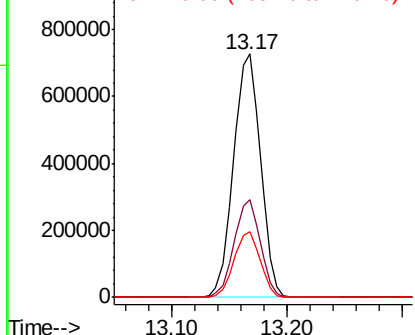
#45
2-Fluorobiphenyl
Concen: 97.917 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

Tot Ion:172 Resp: 1177863
Ion Ratio Lower Upper
172 100
171 40.0 32.9 49.3
170 26.9 22.0 33.0

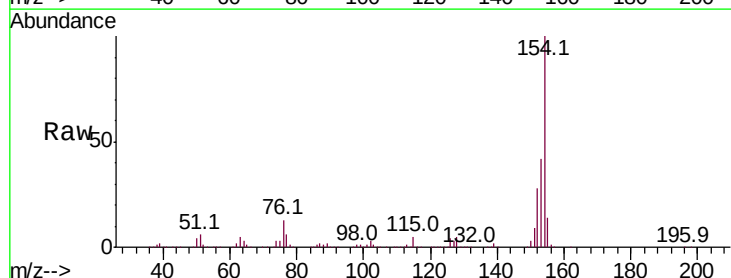


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

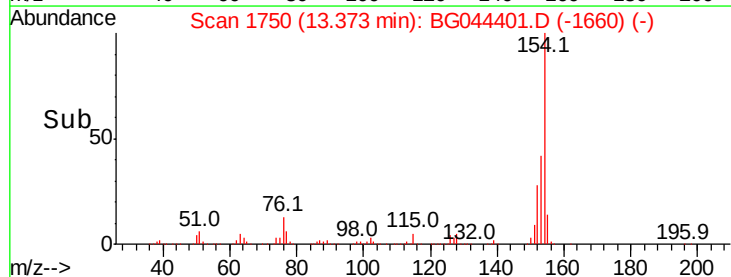
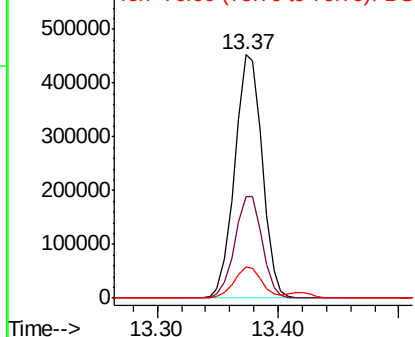


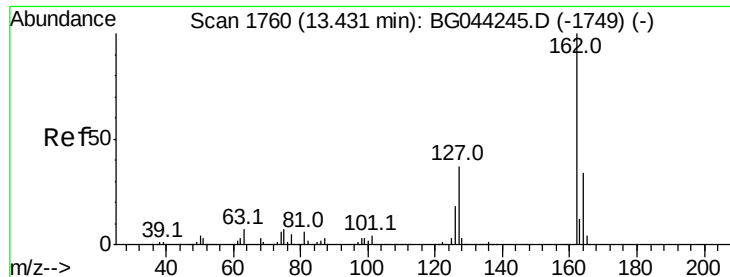
#46
1,1'-Biphenyl
Concen: 49.511 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:154 Resp: 719381
Ion Ratio Lower Upper
154 100
153 41.8 22.7 62.7
76 12.7 0.0 32.9



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: 48.864 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

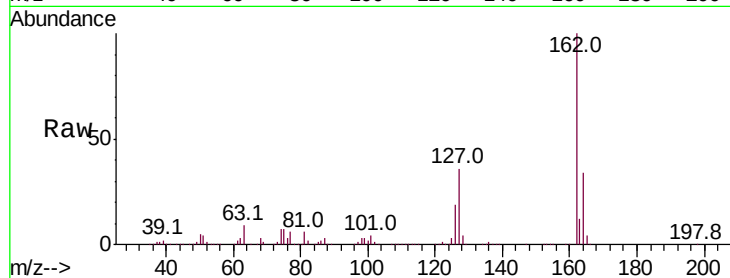
Tot Ion:162 Resp: 564965

Ion Ratio Lower Upper

162 100

127 36.3 30.0 45.0

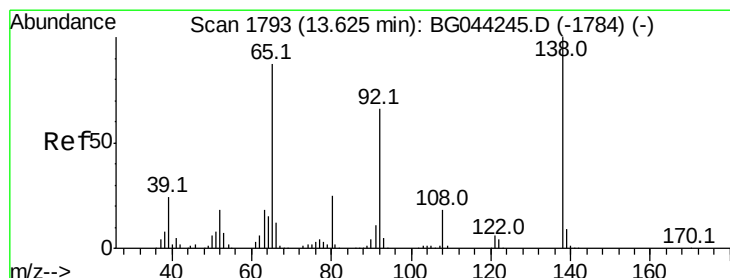
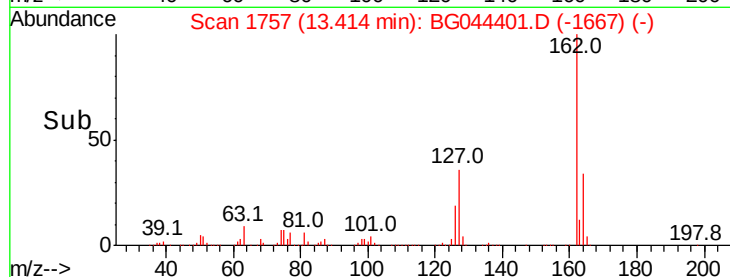
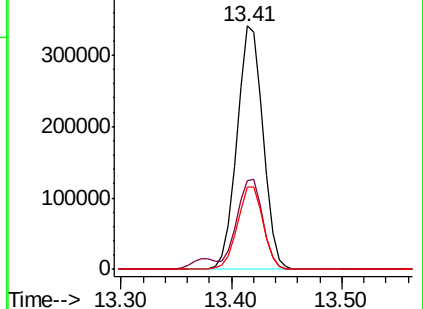
164 33.8 27.2 40.8



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: 50.967 ng

RT: 13.62 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

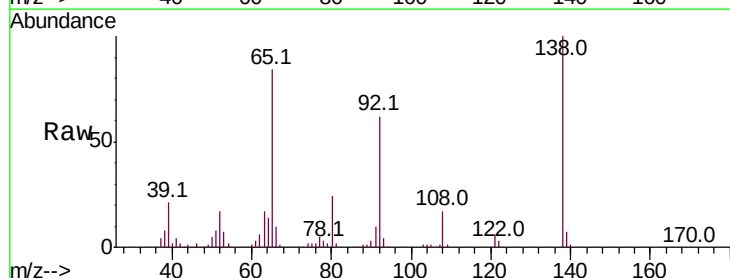
Tgt Ion: 65 Resp: 173908

Ion Ratio Lower Upper

65 100

92 73.5 60.3 90.5

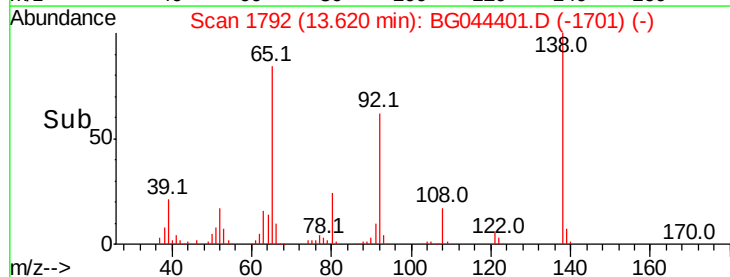
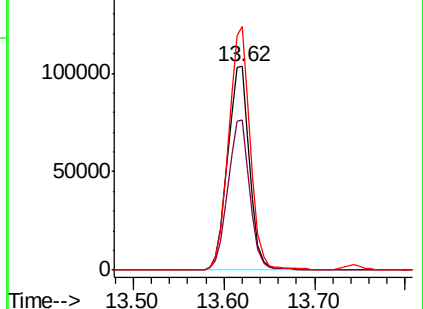
138 119.5 91.9 137.9

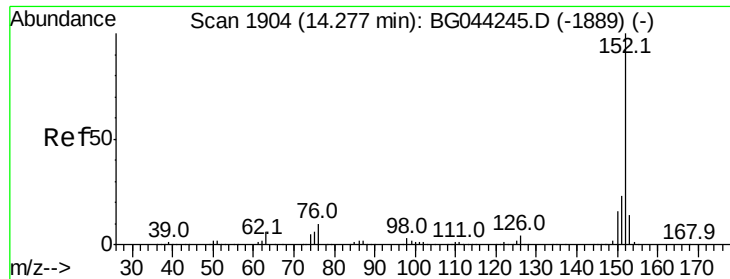


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.163 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

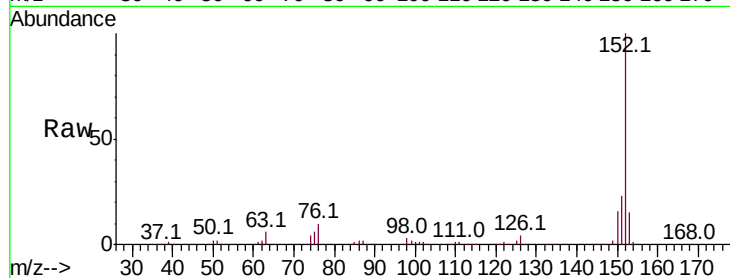
Tot Ion:152 Resp: 901562

Ion Ratio Lower Upper

152 100

151 22.7 18.1 27.1

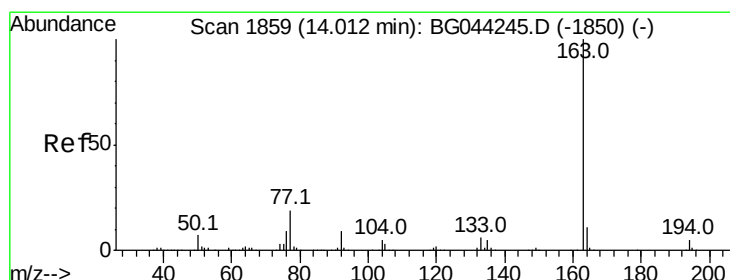
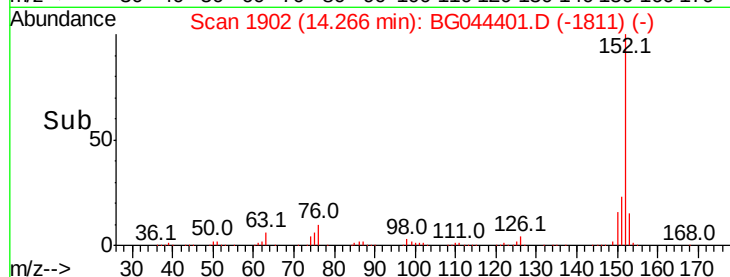
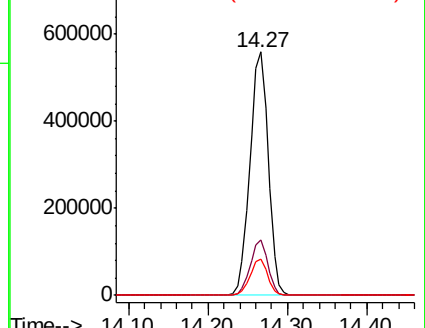
153 14.8 11.5 17.3



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: 53.407 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

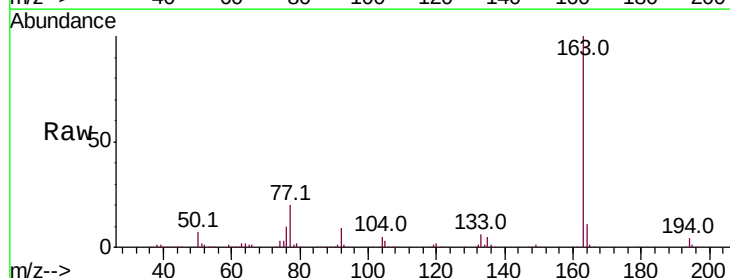
Tgt Ion:163 Resp: 773324

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

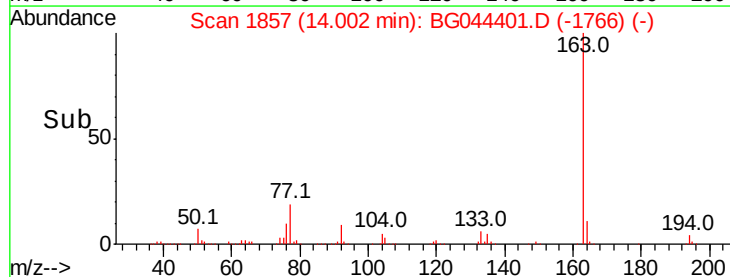
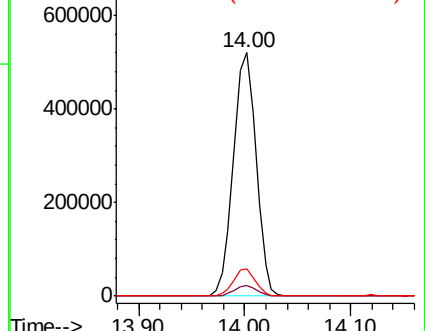
164 11.2 8.7 13.1

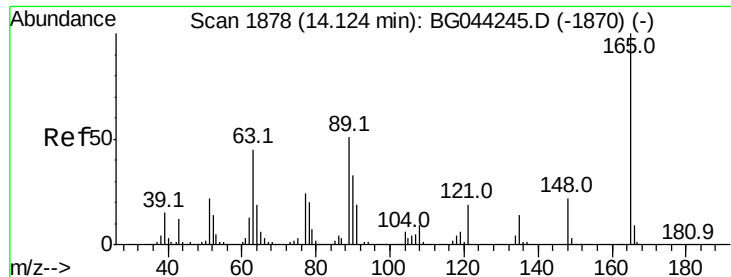


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.224 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

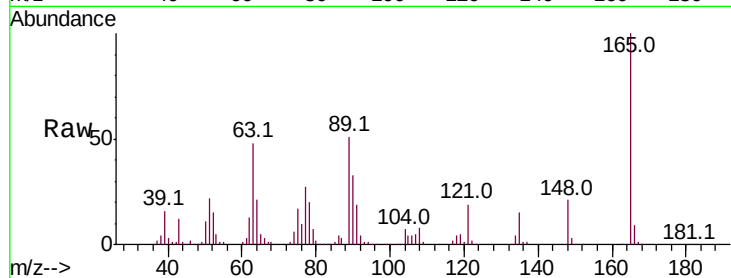
Tot Ion:165 Resp: 171832

Ion Ratio Lower Upper

165 100

63 47.7 38.7 58.1

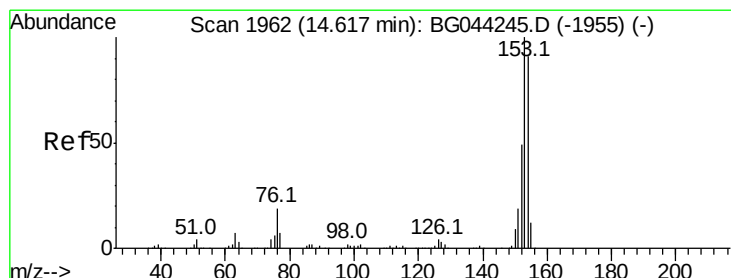
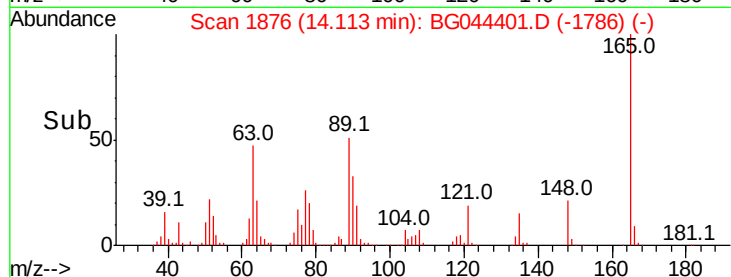
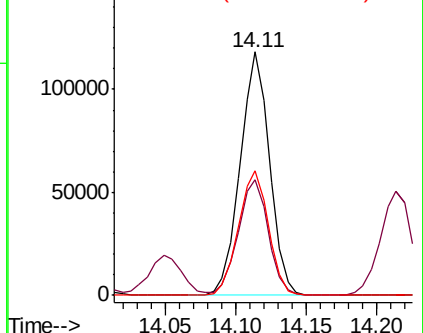
89 51.1 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 50.902 ng

RT: 14.61 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

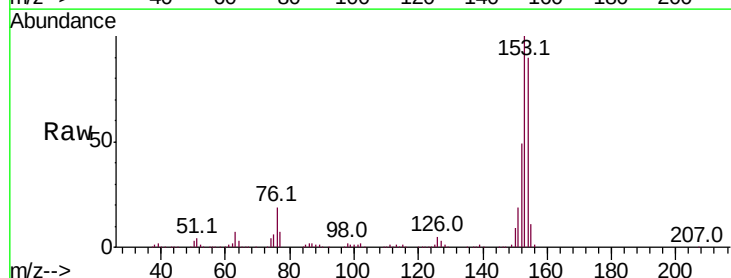
Tgt Ion:154 Resp: 559515

Ion Ratio Lower Upper

154 100

153 111.5 87.9 131.9

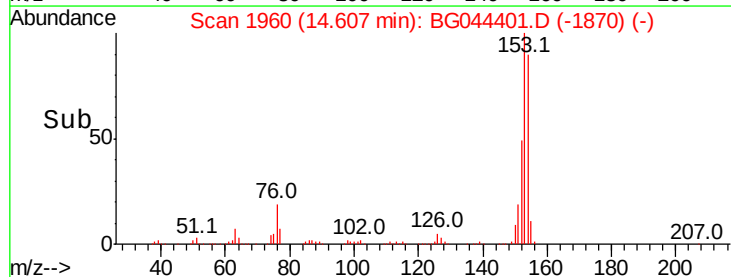
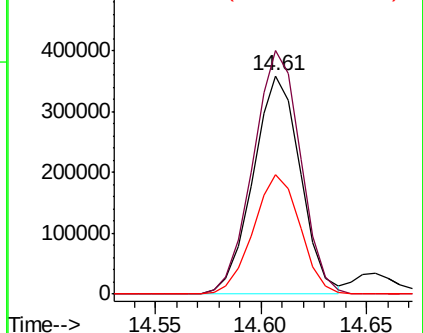
152 54.5 43.1 64.7

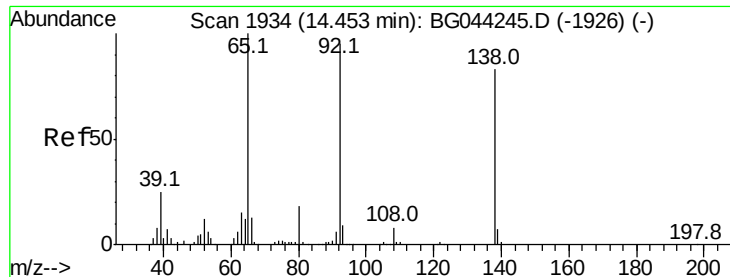


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 16.067 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

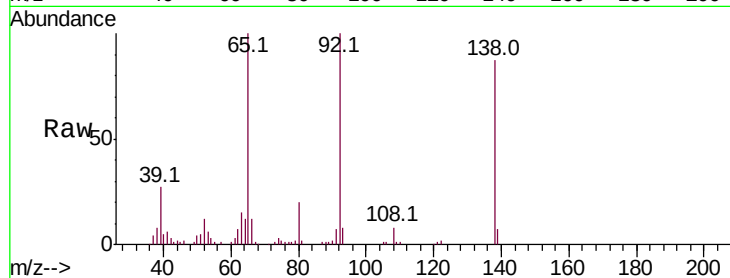
Tot Ion:138 Resp: 57387

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

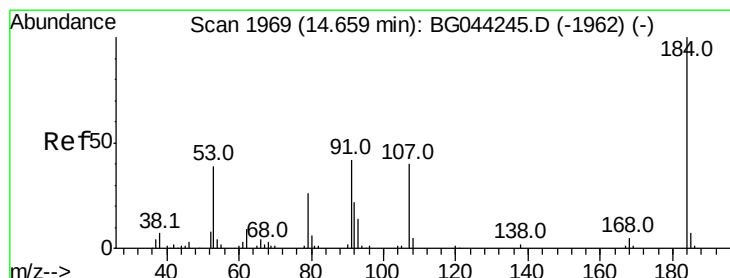
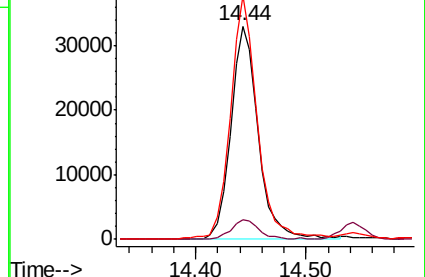
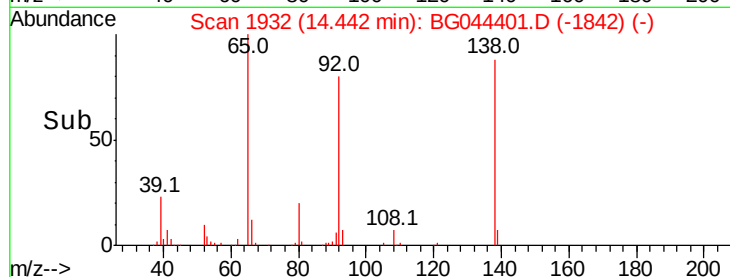
92 114.3 91.0 136.4



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: 57.160 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

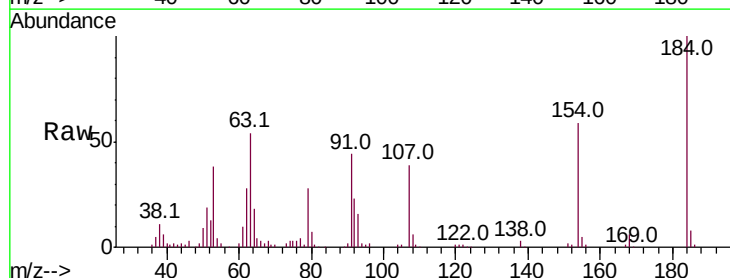
Tgt Ion:184 Resp: 104745

Ion Ratio Lower Upper

184 100

63 53.8 44.1 66.1

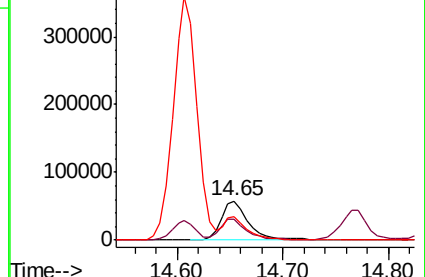
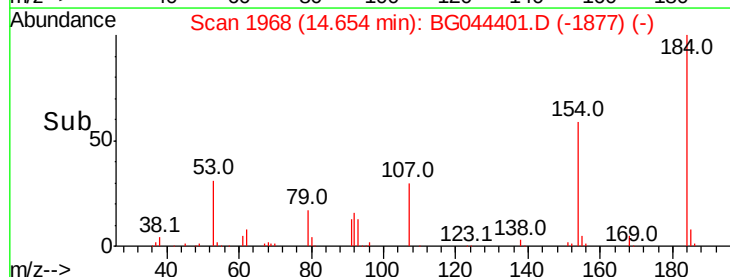
154 58.7 45.4 68.0

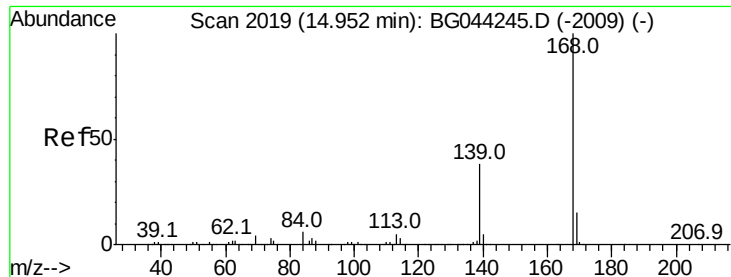


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 52.386 ng

RT: 14.94 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

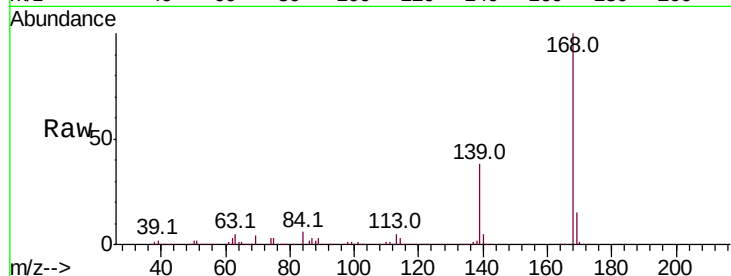
Tot Ion:168 Resp: 871817

Ion Ratio Lower Upper

168 100

139 38.5 30.5 45.7

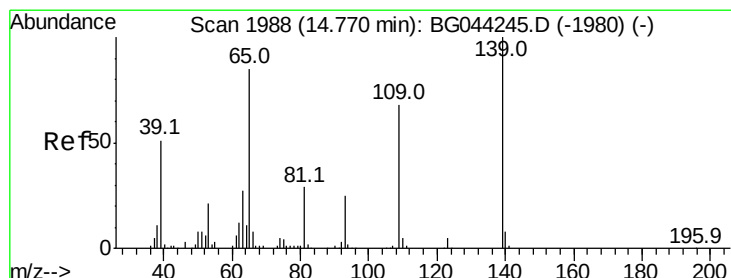
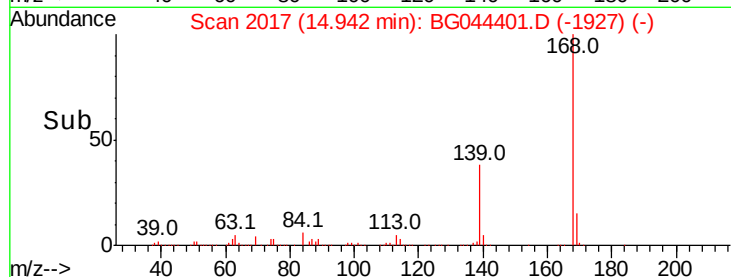
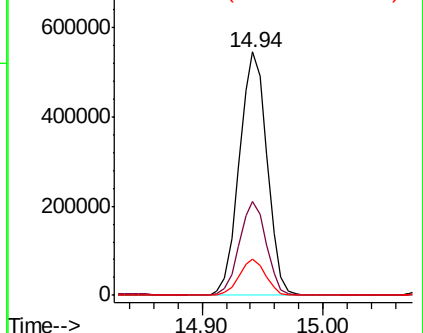
169 14.6 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 116.861 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

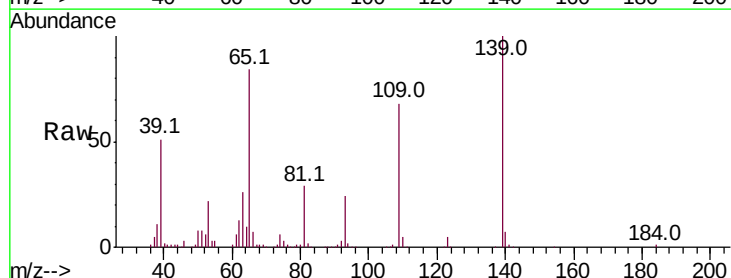
Tgt Ion:139 Resp: 305755

Ion Ratio Lower Upper

139 100

109 68.0 47.5 87.5

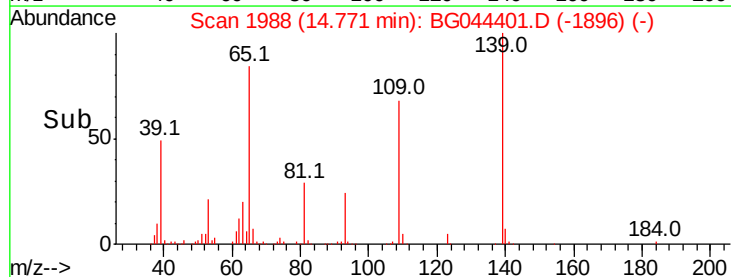
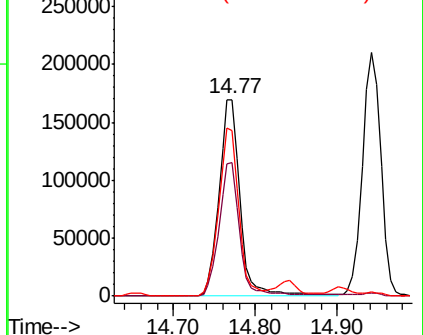
65 84.0 64.9 104.9

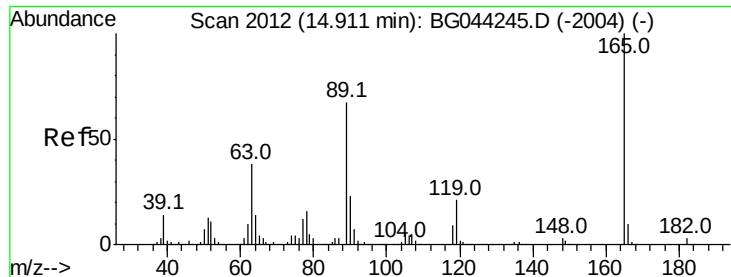


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

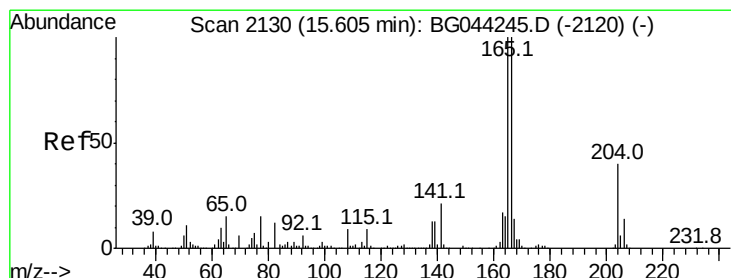
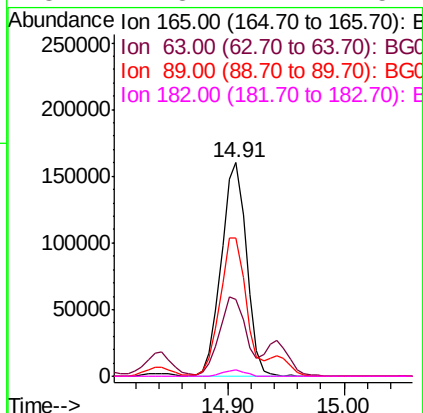
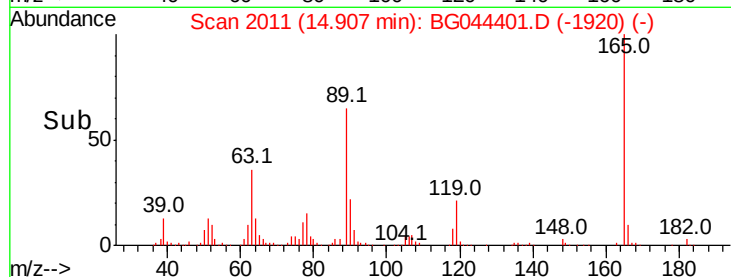
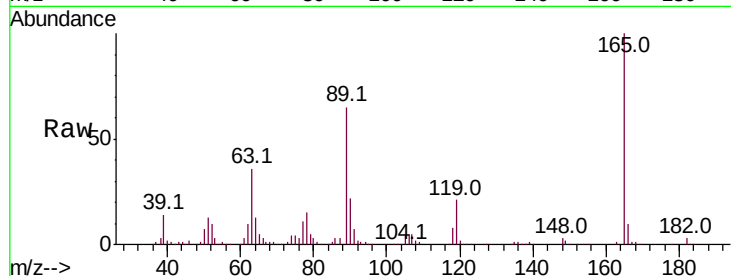




#57
2,4-Dinitrotoluene
Concen: 53.615 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

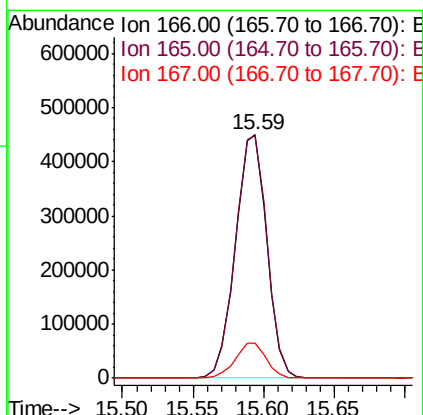
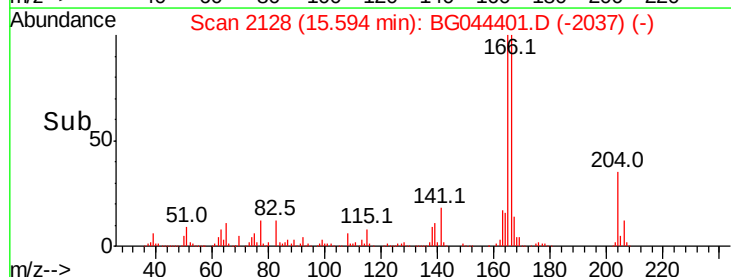
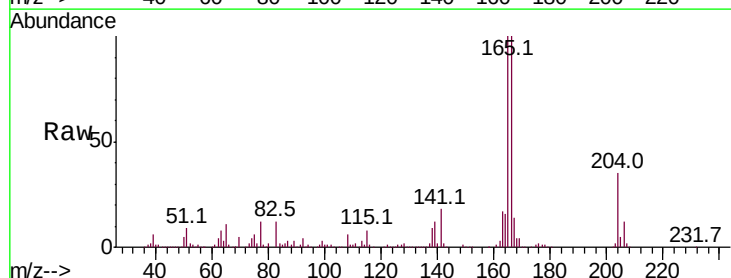
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

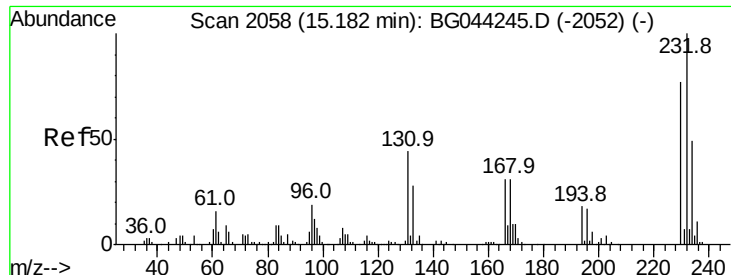
Tot Ion:	165	Resp:	242607
Ion	Ratio	Lower	Upper
165	100		
63	36.2	30.3	45.5
89	65.0	53.4	80.2
182	2.8	2.1	3.1



#58
Fluorene
Concen: 53.108 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:	166	Resp:	696139
Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.9	119.9
167	14.5	11.4	17.0

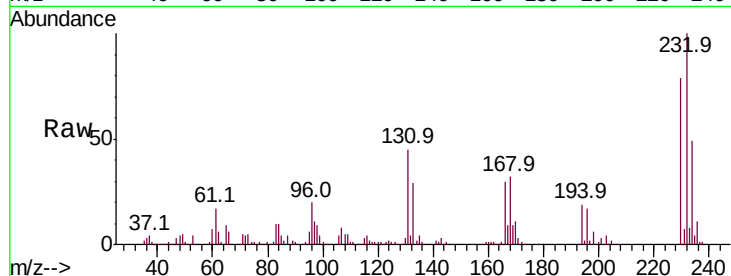




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.795 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	34.2	51.4
130	2.4	1.8	2.8
166	29.5	23.8	35.8



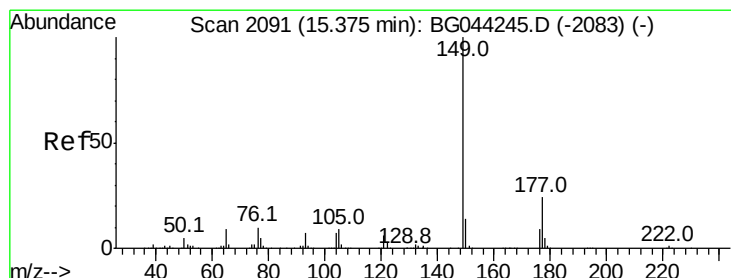
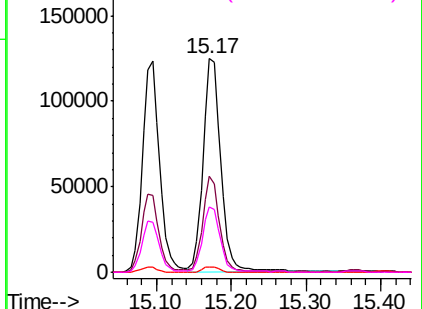
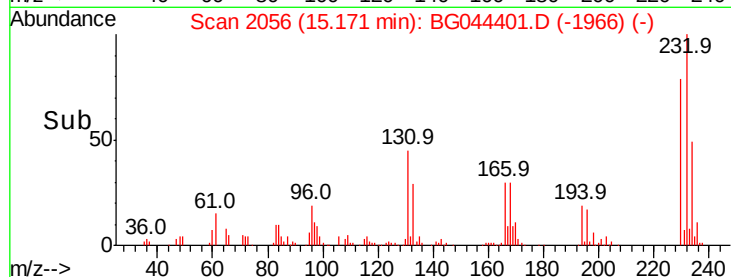
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

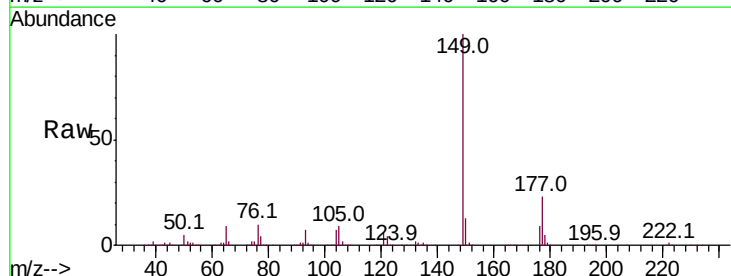
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 53.179 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.4	29.0
150	13.4	10.9	16.3

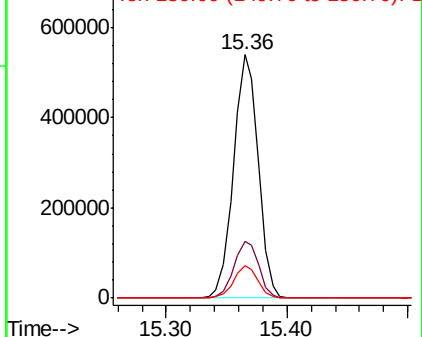
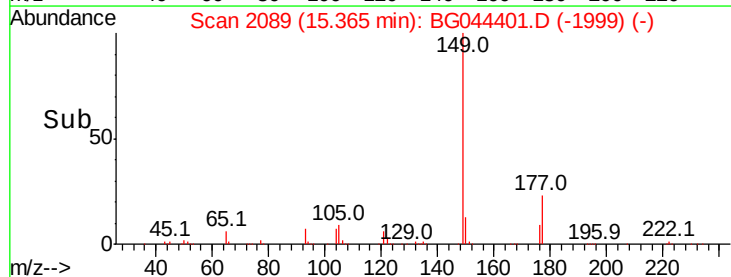


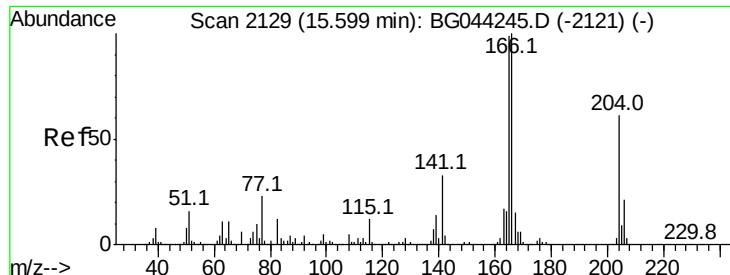
Abundance

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

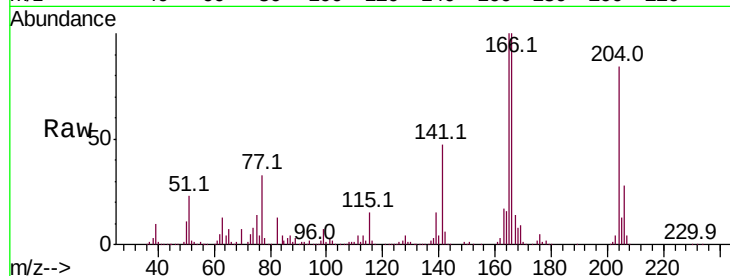




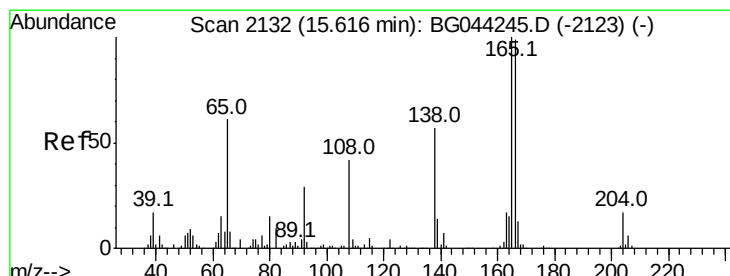
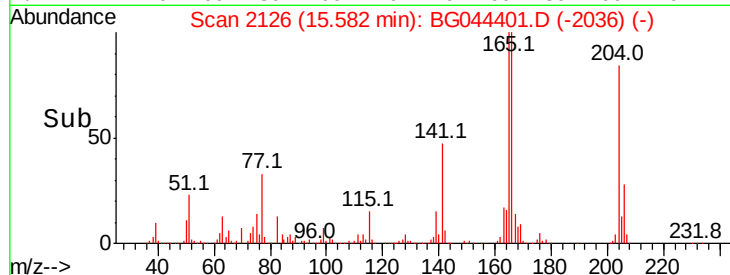
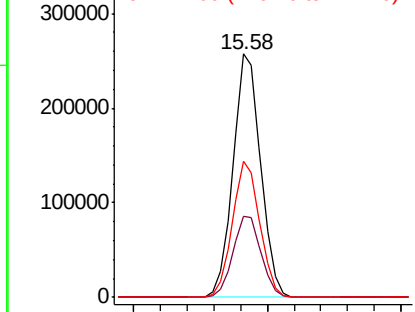
#61
4-Chlorophenyl-phenylether
Concen: 51.868 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

Tot Ion:204 Resp: 368638
Ion Ratio Lower Upper
204 100
206 33.4 27.6 41.4
141 55.8 43.4 65.0

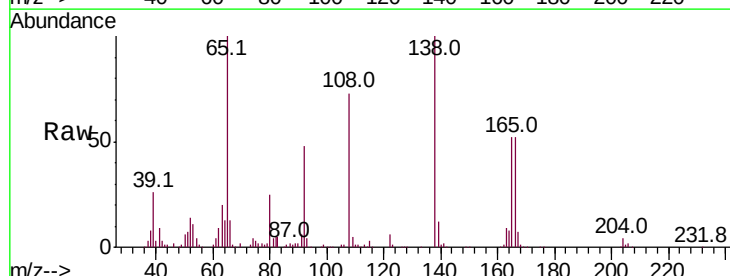


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

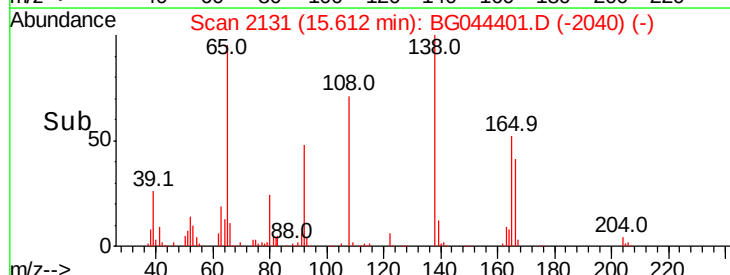
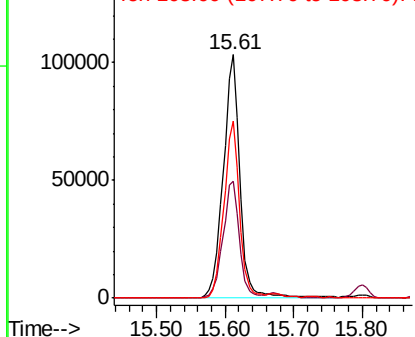


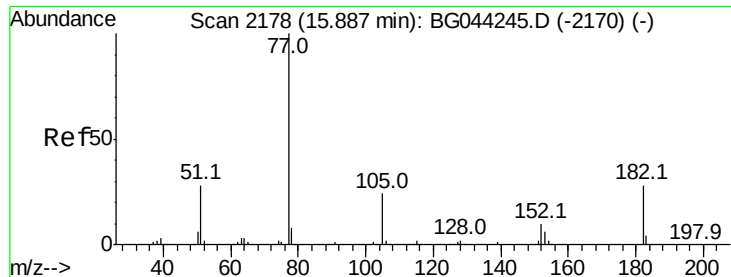
#62
4-Nitroaniline
Concen: 49.474 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:138 Resp: 176577
Ion Ratio Lower Upper
138 100
92 48.0 31.3 71.3
108 72.9 52.6 92.6



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: 54.474 ng

RT: 15.88 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

Tot Ion: 77 Resp: 688835

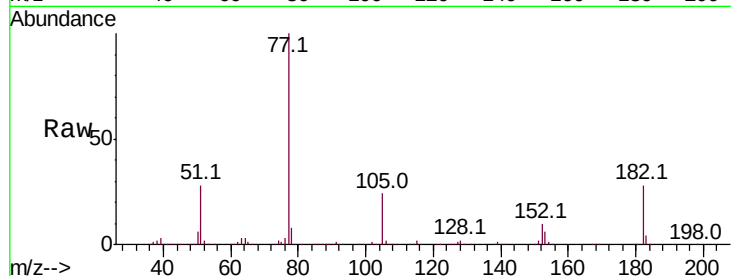
Ion Ratio Lower Upper

77 100

182 28.2 8.2 48.2

105 23.5 3.6 43.6

51 28.4 8.3 48.3

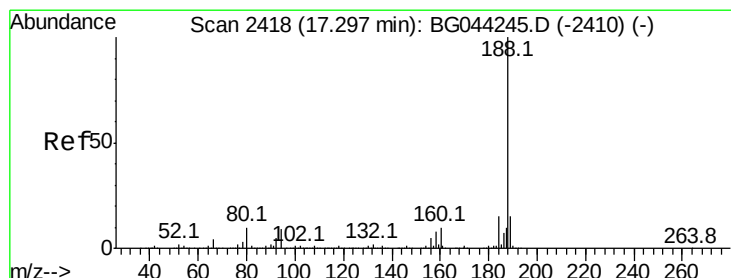
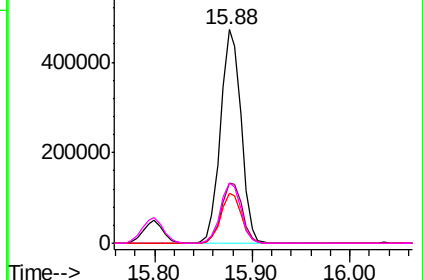
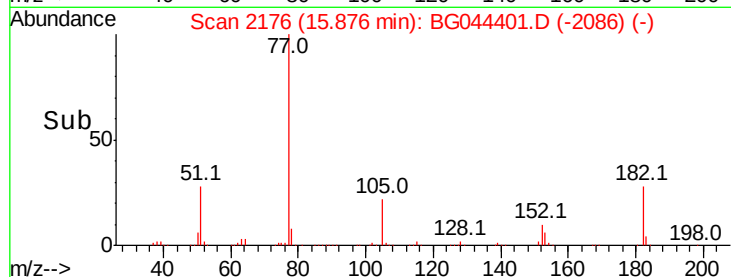


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

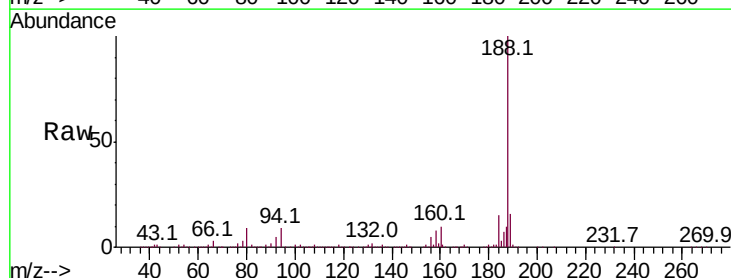
Tgt Ion: 188 Resp: 460313

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

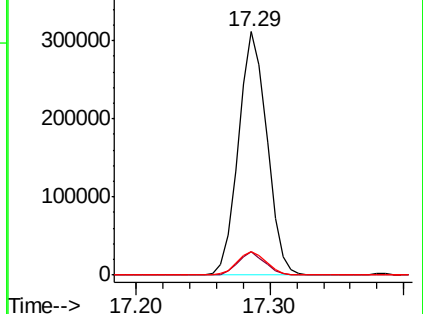
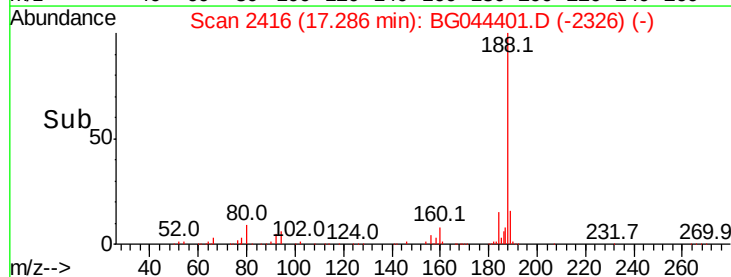
80 9.4 7.7 11.5

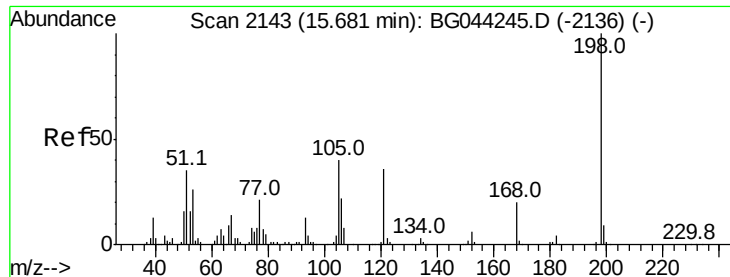


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.276 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

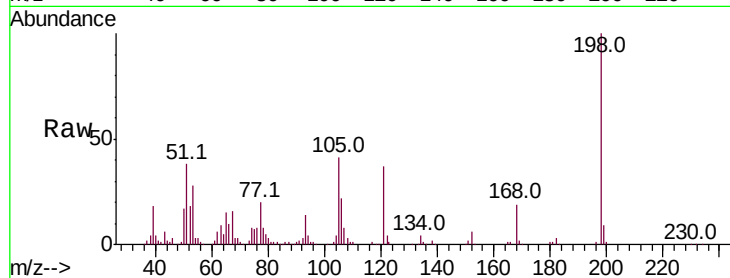
Tot Ion:198 Resp: 109961

Ion Ratio Lower Upper

198 100

51 38.3 16.6 56.6

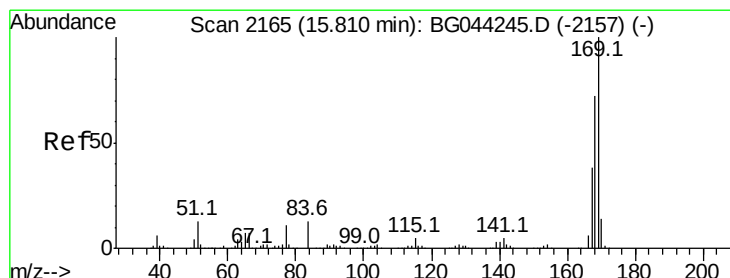
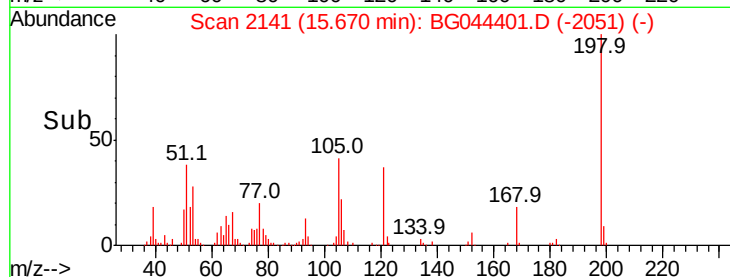
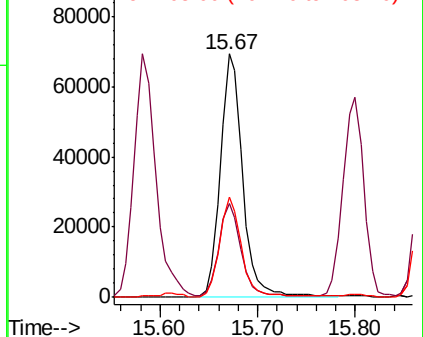
105 41.2 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.454 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

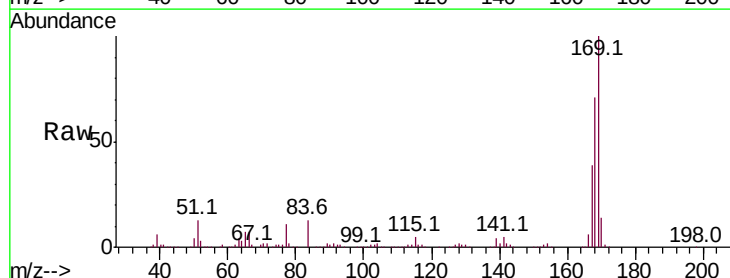
Tgt Ion:169 Resp: 663758

Ion Ratio Lower Upper

169 100

168 71.1 57.9 86.9

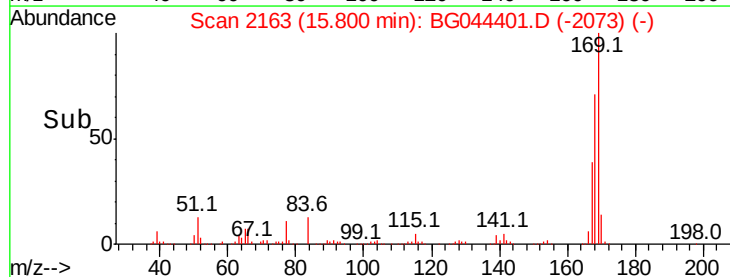
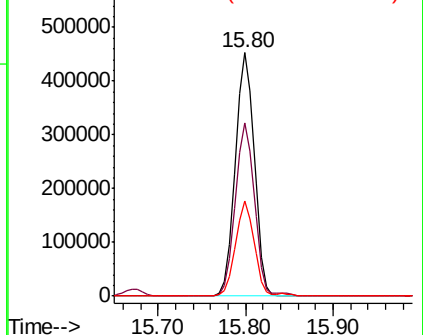
167 38.9 30.7 46.1

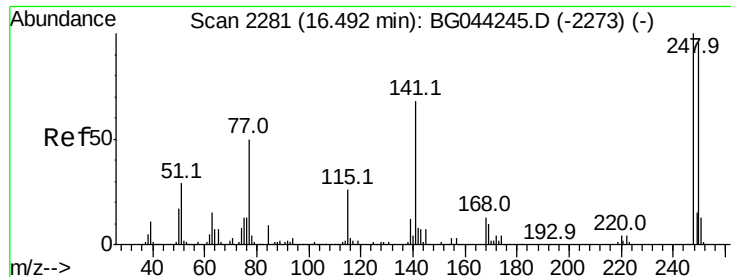


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 49.339 ng

RT: 16.48 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

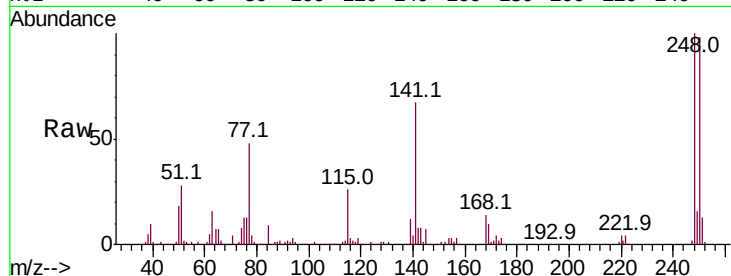
Tot Ion:248 Resp: 247439

Ion Ratio Lower Upper

248 100

250 98.1 76.6 114.8

141 67.0 54.7 82.1

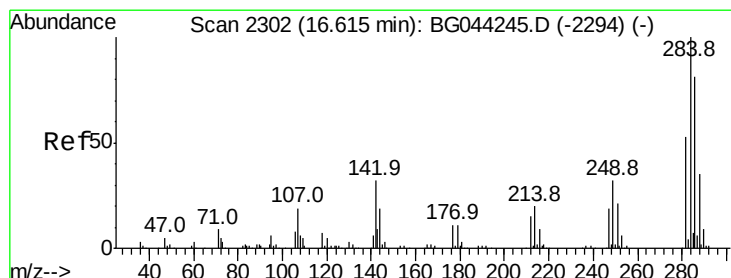
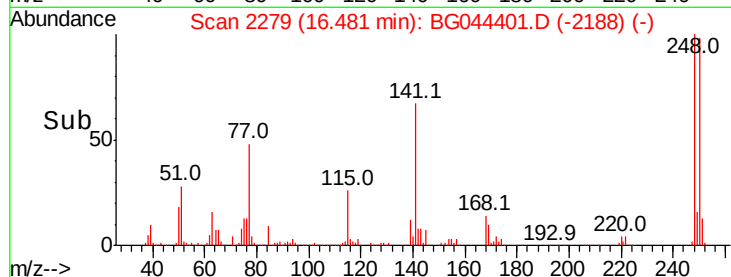
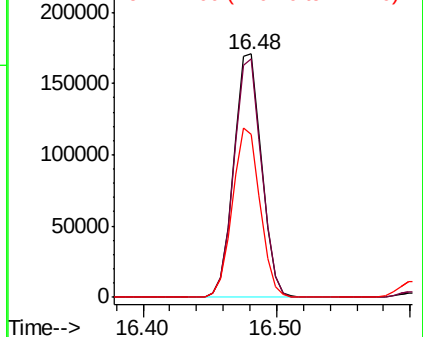


Abundance

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: 48.192 ng

RT: 16.60 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

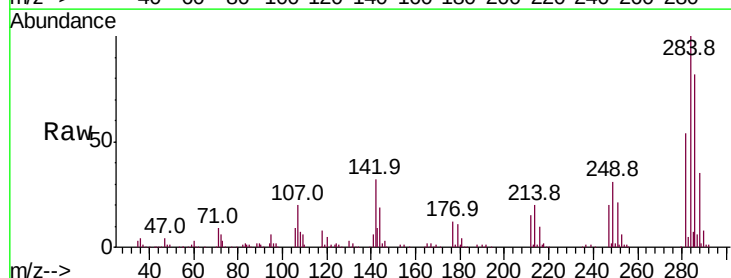
Tgt Ion:284 Resp: 270766

Ion Ratio Lower Upper

284 100

142 32.2 25.3 37.9

249 31.5 25.5 38.3

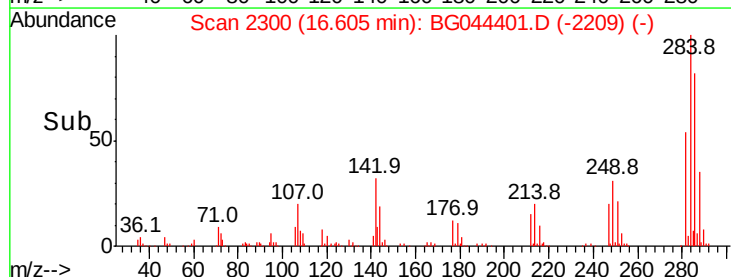
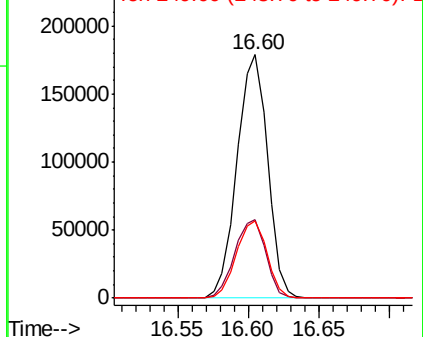


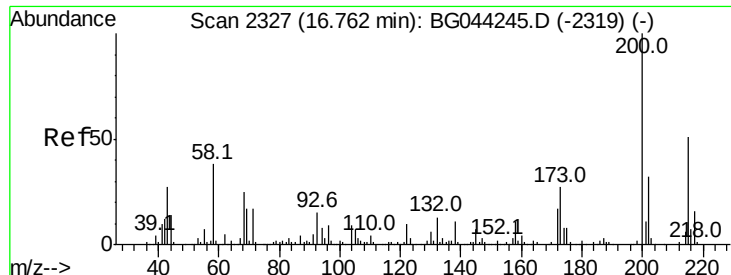
Abundance

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: 59.587 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

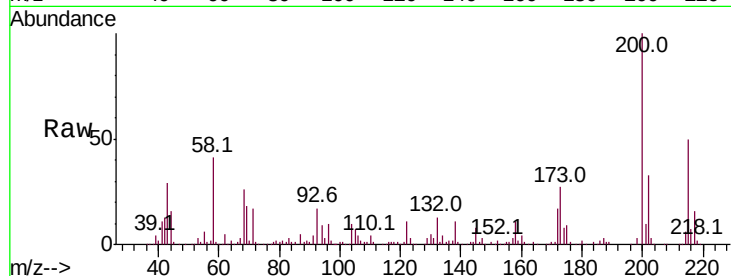
Tot Ion:200 Resp: 263465

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

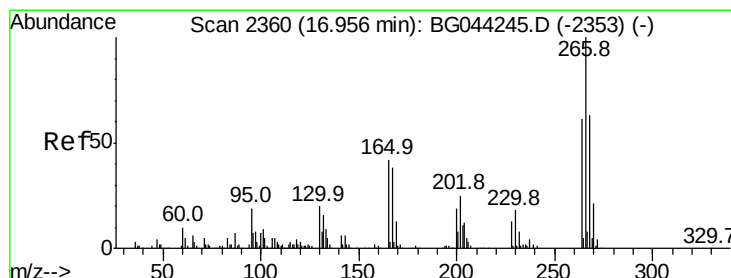
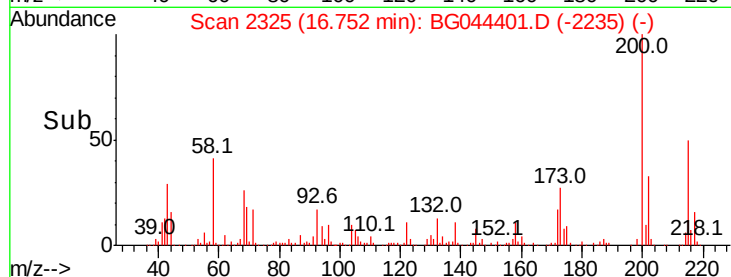
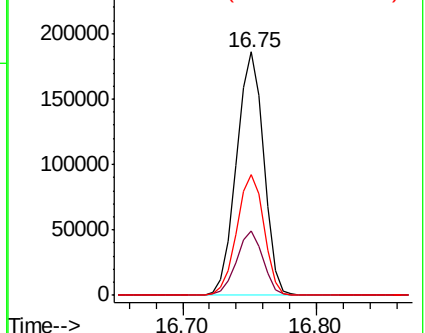
215 49.8 31.0 71.0



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: 88.598 ng

RT: 16.95 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

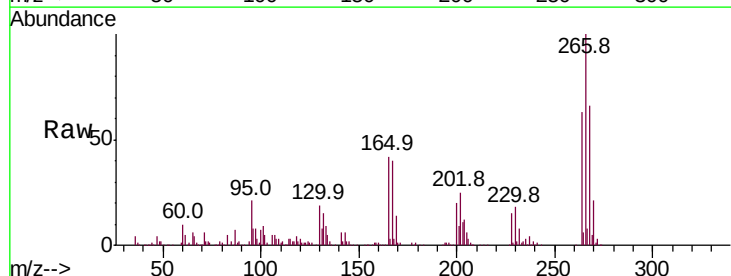
Tgt Ion:266 Resp: 252725

Ion Ratio Lower Upper

266 100

268 65.6 50.6 75.8

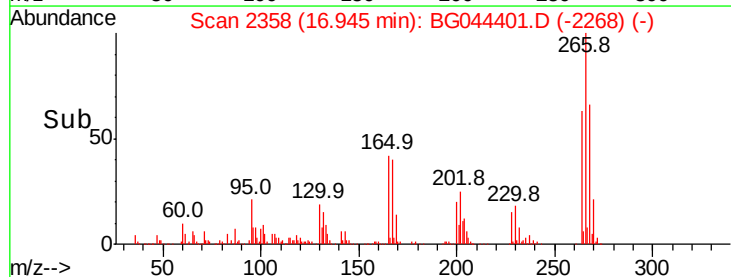
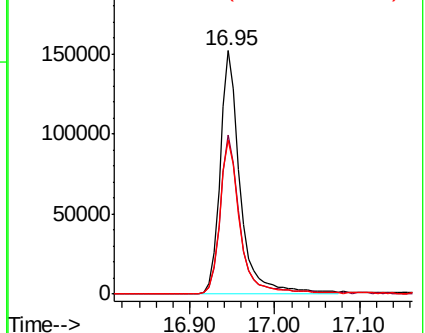
264 63.4 48.7 73.1

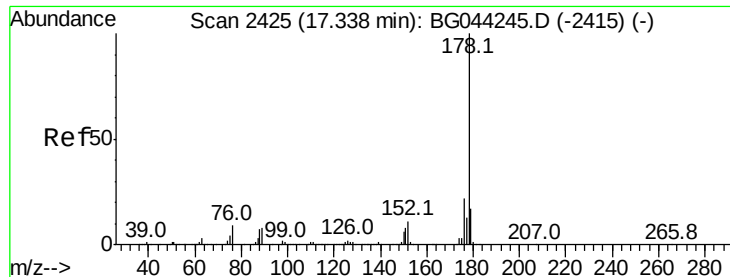


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

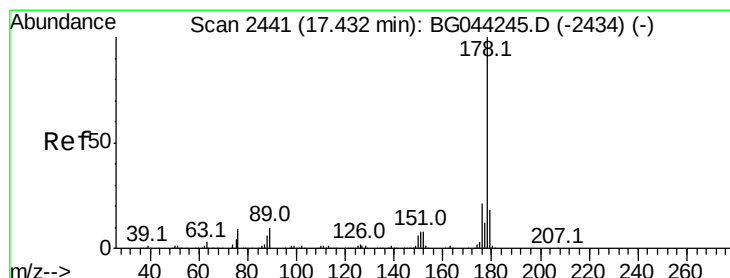
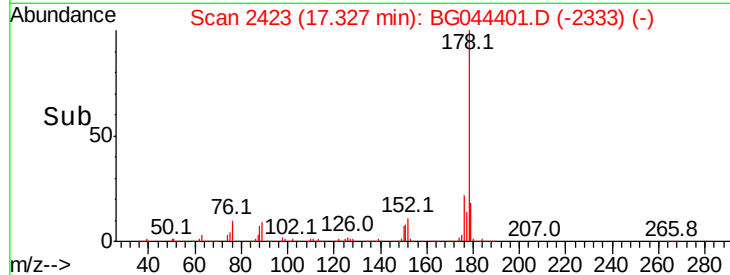
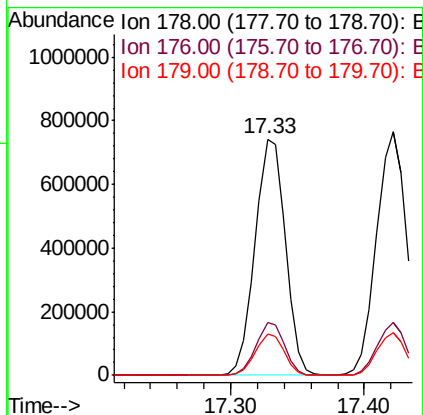
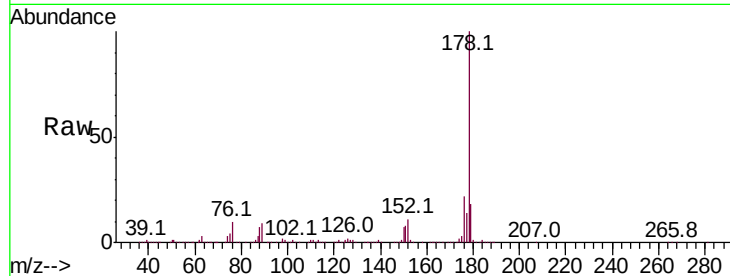




#71
Phenanthrene
Concen: 52.200 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

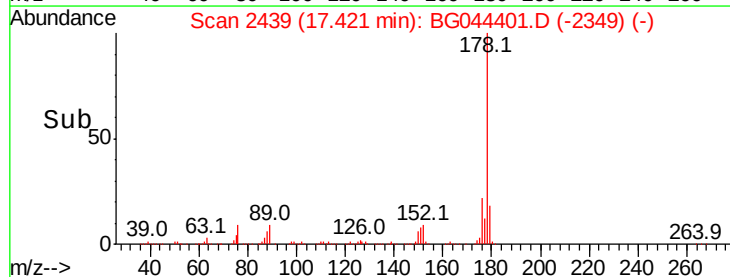
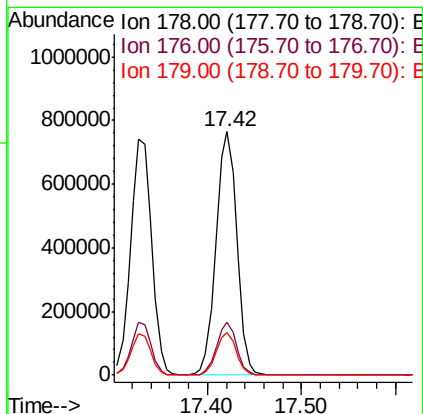
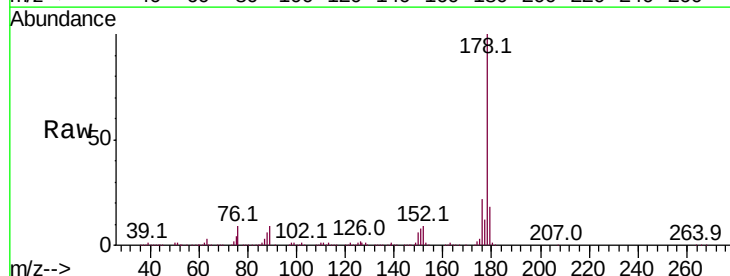
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

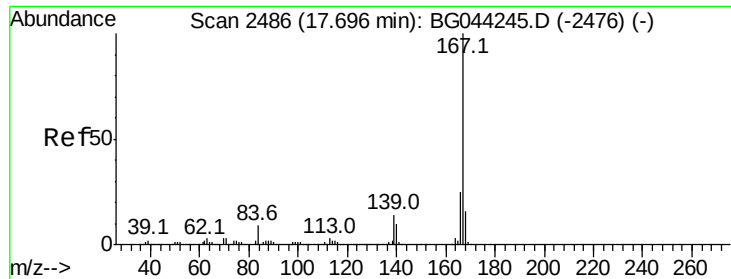
Tot Ion:178 Resp: 1163530
Ion Ratio Lower Upper
178 100
176 22.2 17.7 26.5
179 17.8 13.7 20.5



#72
Anthracene
Concen: 54.056 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:178 Resp: 1191243
Ion Ratio Lower Upper
178 100
176 21.5 17.0 25.4
179 17.5 14.4 21.6



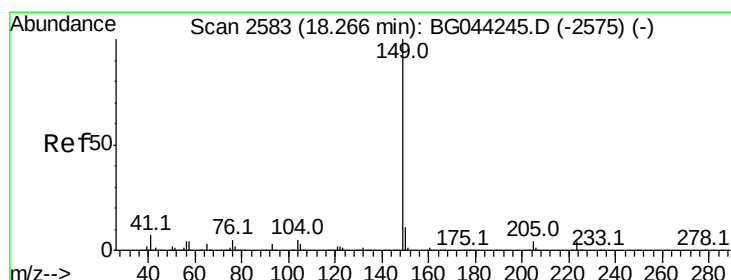
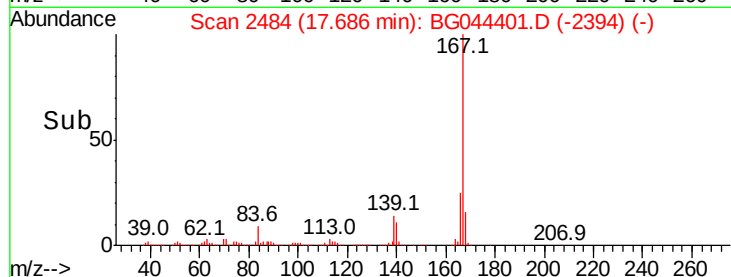
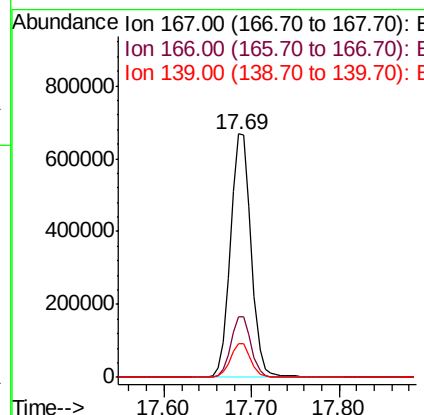
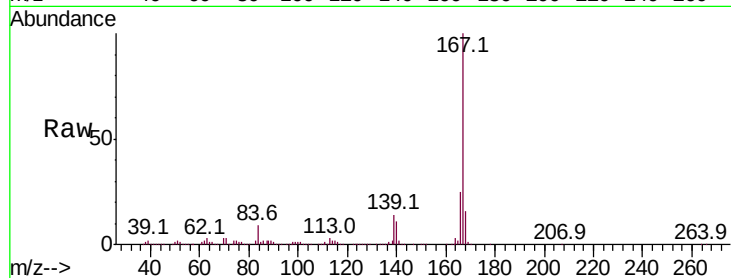


#73
 Carbazole
 Concen: 53.395 ng
 RT: 17.69 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMS

Tot Ion:167 Resp: 1084751

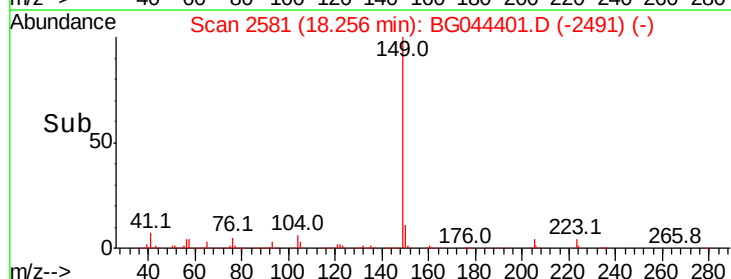
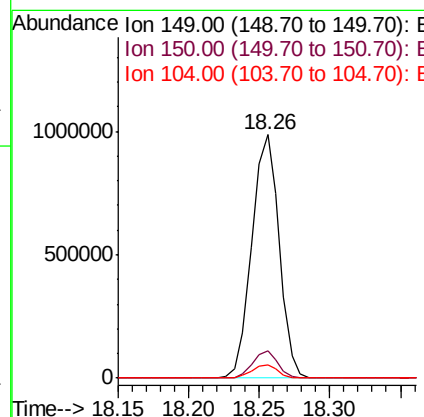
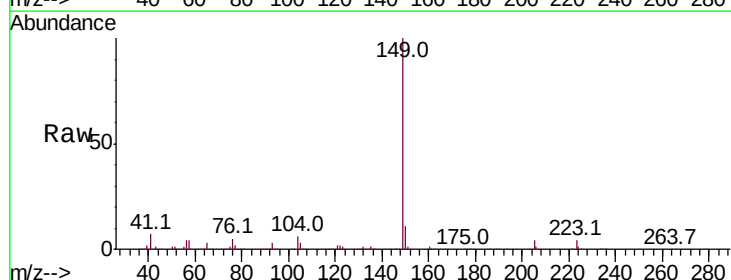
Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.8	29.6
139	14.0	11.1	16.7

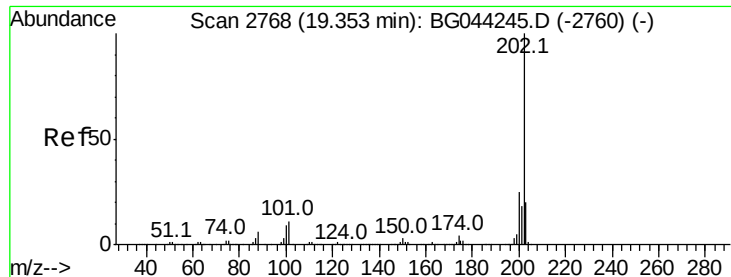


#74
 Di-n-butylphthalate
 Concen: 53.356 ng
 RT: 18.26 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Tgt Ion:149 Resp: 1339510

Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.7	13.1
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 53.285 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

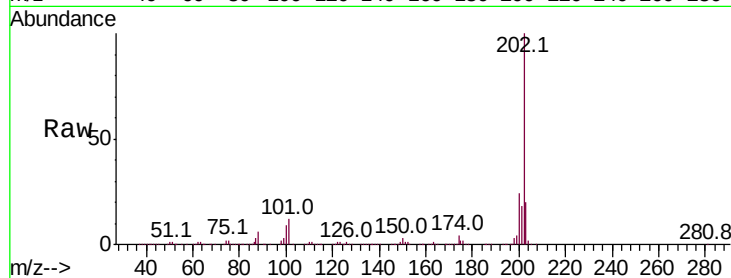
Tot Ion:202 Resp: 1373966

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

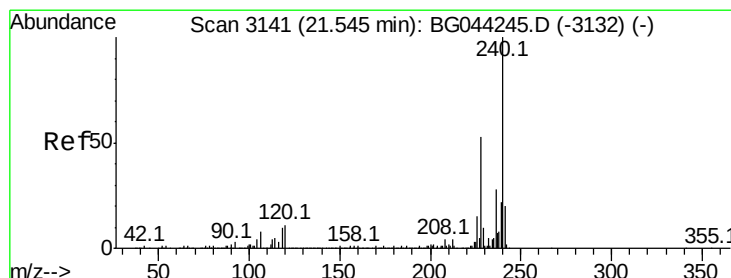
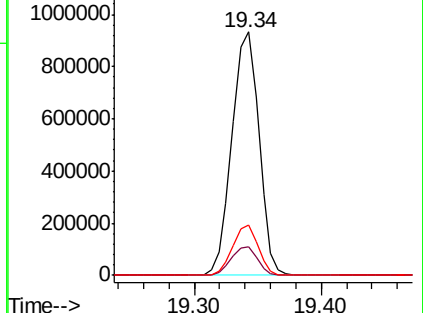
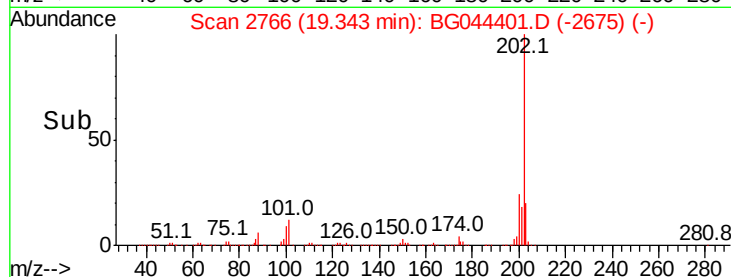
203 20.5 0.0 39.9



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: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

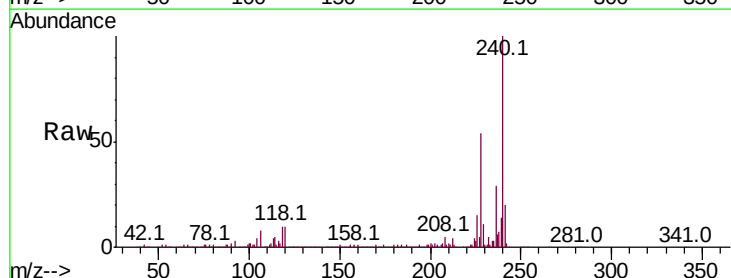
Tgt Ion:240 Resp: 432621

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

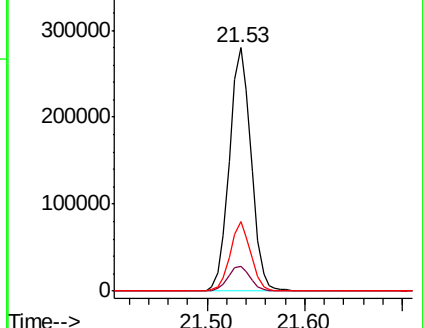
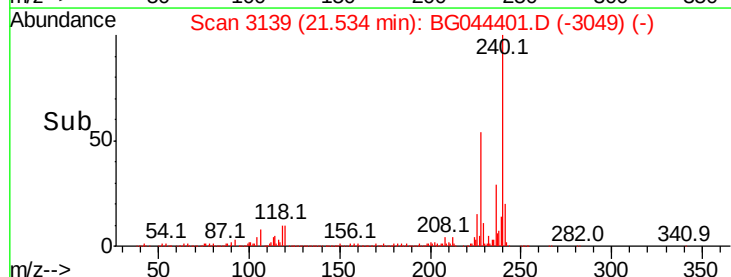
236 28.8 22.1 33.1

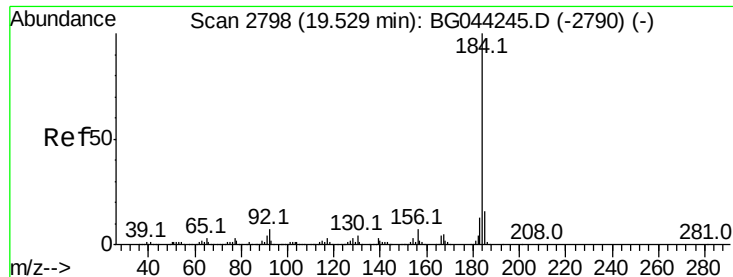


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.587 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

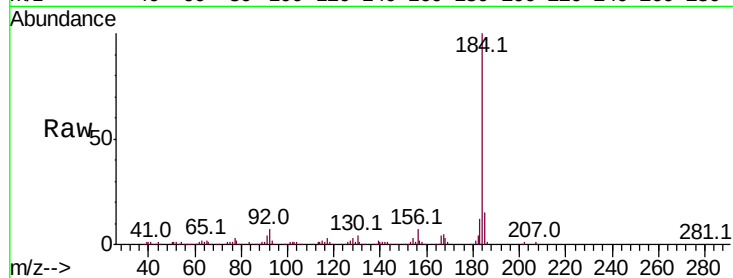
Tot Ion:184 Resp: 211041

Ion Ratio Lower Upper

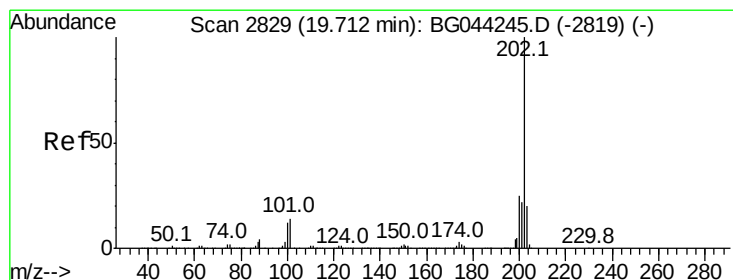
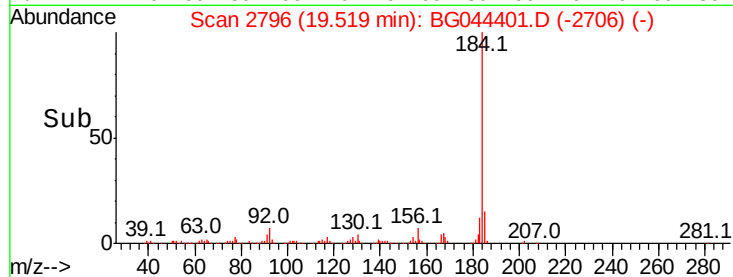
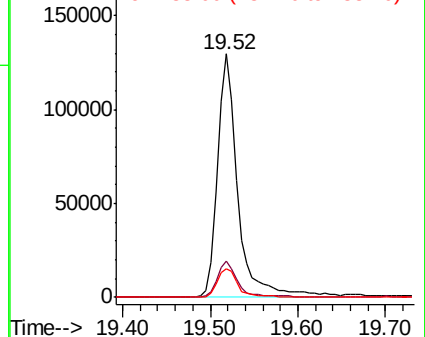
184 100

185 14.8 12.9 19.3

183 11.9 10.8 16.2



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: 49.791 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

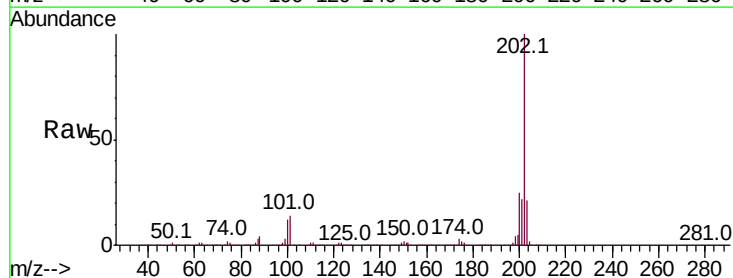
Tgt Ion:202 Resp: 1383351

Ion Ratio Lower Upper

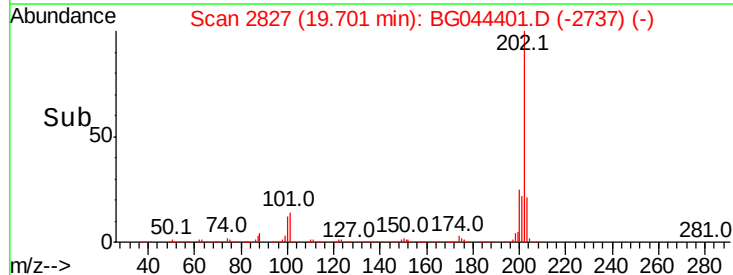
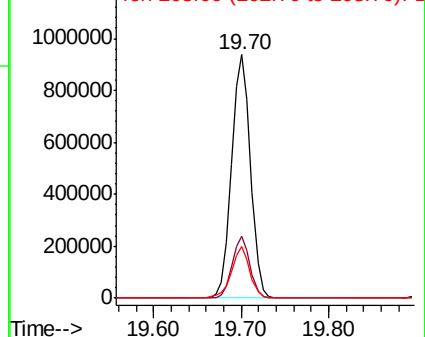
202 100

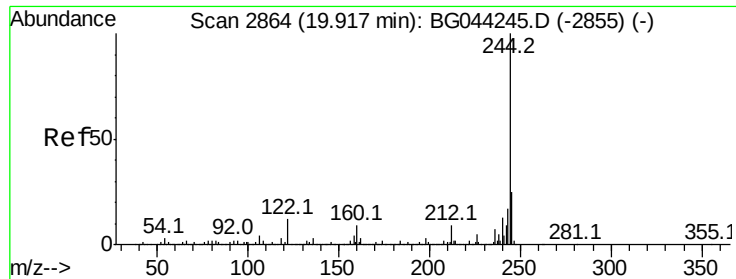
200 25.2 20.0 30.0

203 21.0 16.2 24.2



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

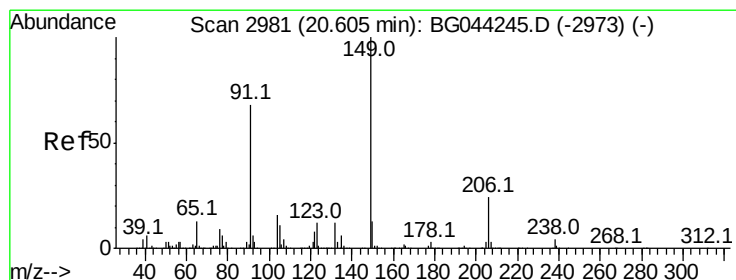
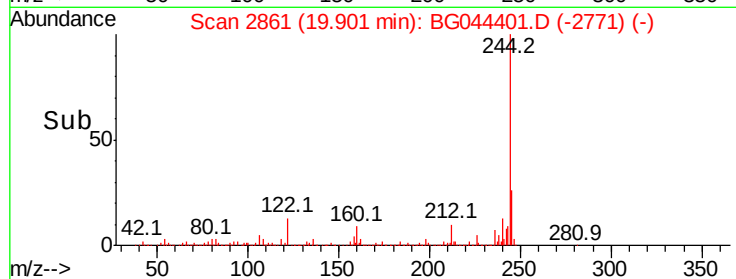
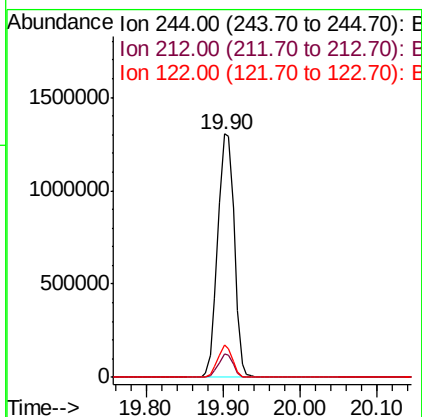
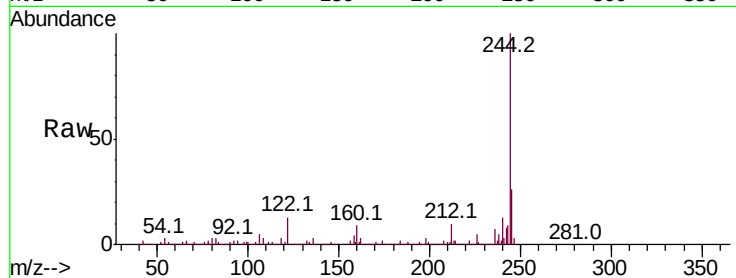




#79
 Terphenyl-d14
 Concen: 91.907 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

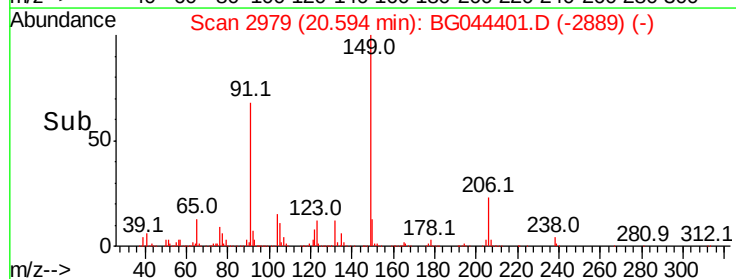
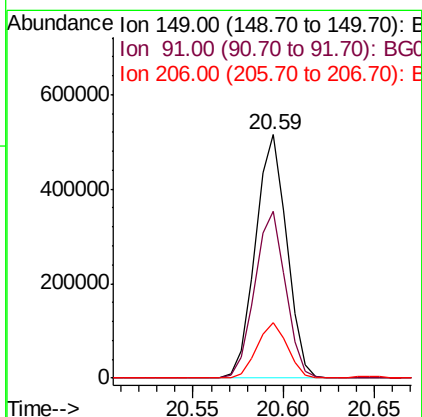
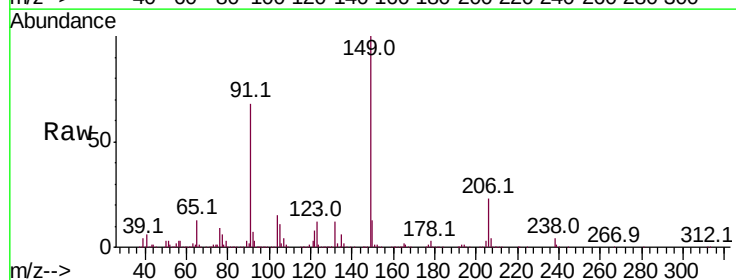
Instrument :
 BNA_G
 ClientSampleId :
 HAM-WC-S-SB-BCMS

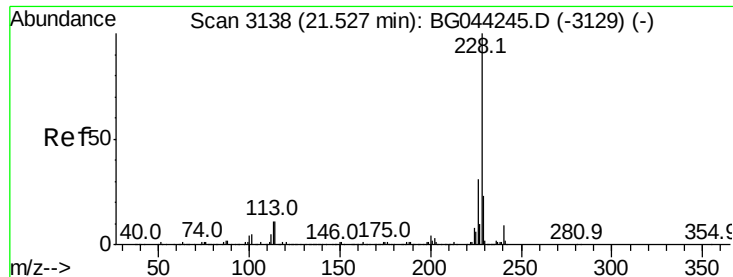
Tot Ion:244 Resp: 1933085
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.4 11.2
 122 13.1 9.8 14.6



#80
 Butylbenzylphthalate
 Concen: 48.872 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG044401.D
 Acq: 11 Feb 2020 23:09

Tgt Ion:149 Resp: 618767
 Ion Ratio Lower Upper
 149 100
 91 68.3 54.5 81.7
 206 22.7 19.1 28.7

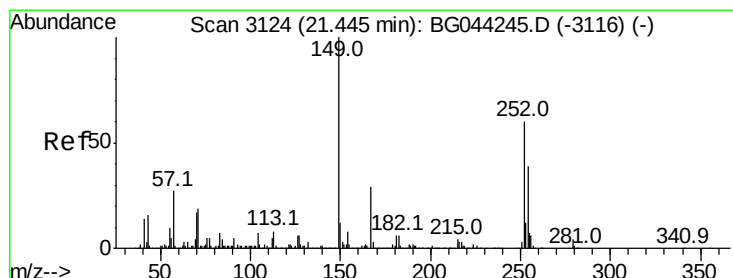
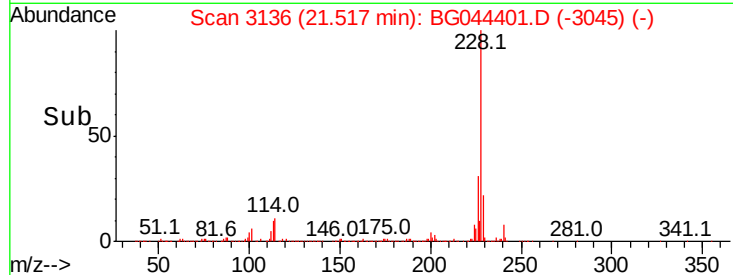
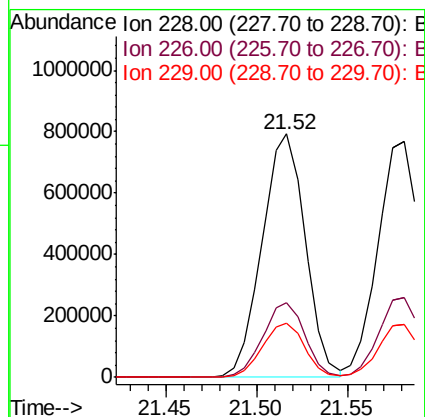
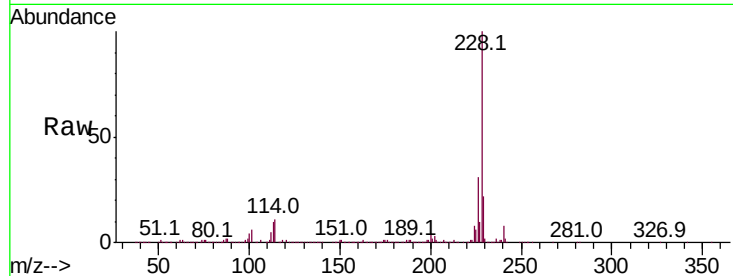




#81
Benzo(a)anthracene
Concen: 49.358 ng
RT: 21.52 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

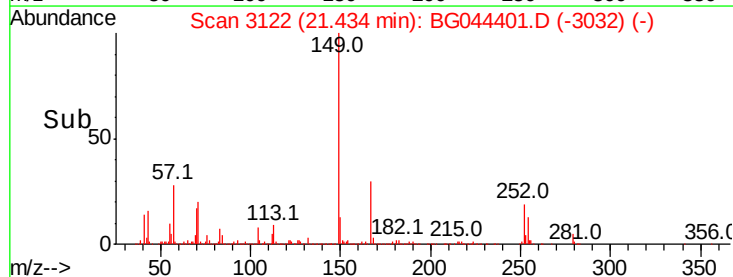
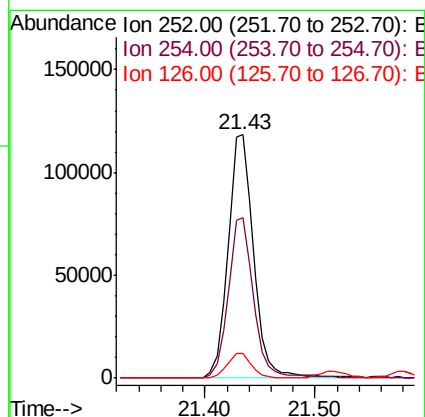
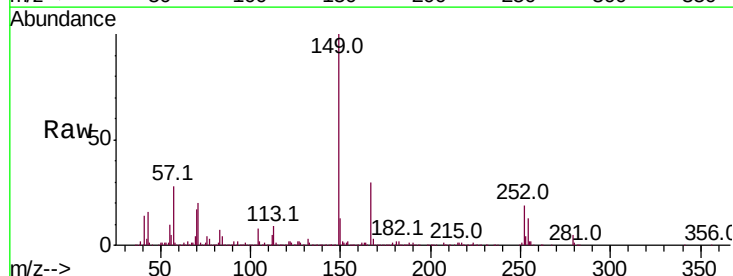
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

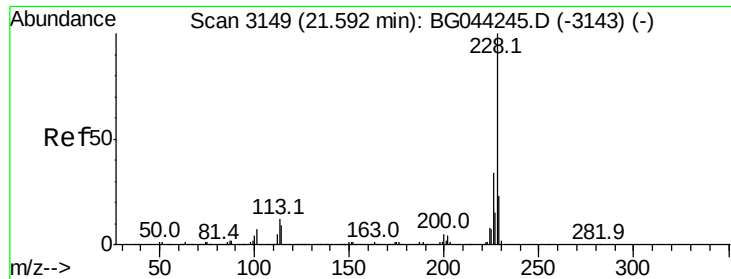
Tot Ion:228 Resp: 1316029
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 22.4 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 18.548 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:252 Resp: 191934
Ion Ratio Lower Upper
252 100
254 65.7 52.6 78.8
126 9.9 8.2 12.4





#83

Chrysene

Concen: 49.068 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument:

BNA_G

ClientSampleID:

HAM-WC-S-SB-BCMS

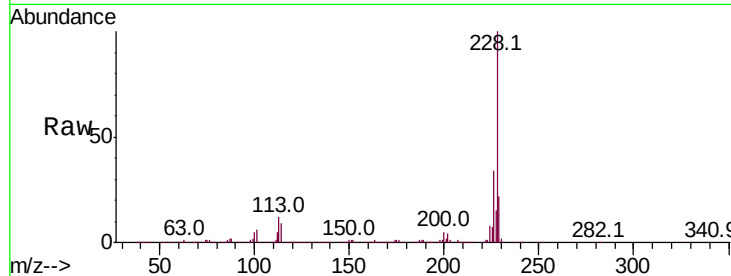
Tot Ion:228 Resp: 1264591

Ion Ratio Lower Upper

228 100

226 33.9 27.1 40.7

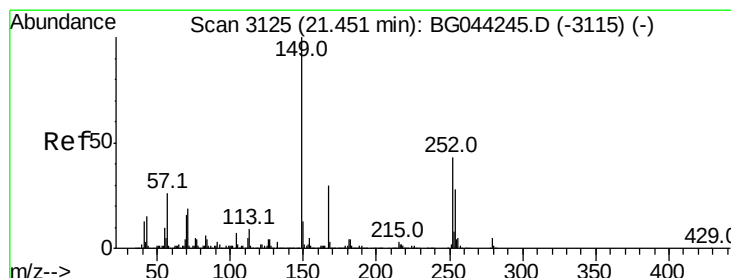
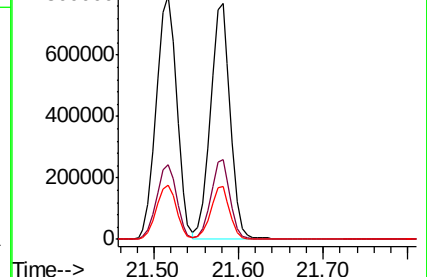
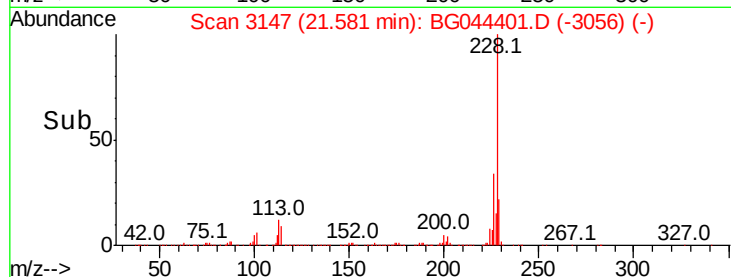
229 22.4 17.9 26.9



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: 49.916 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

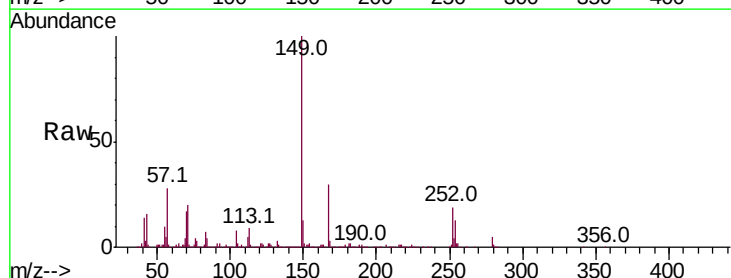
Tgt Ion:149 Resp: 869887

Ion Ratio Lower Upper

149 100

167 29.9 24.0 36.0

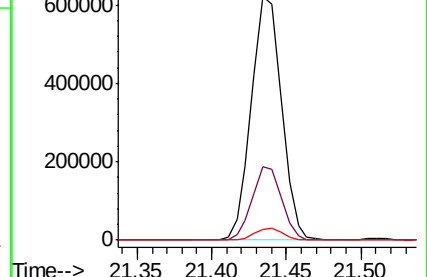
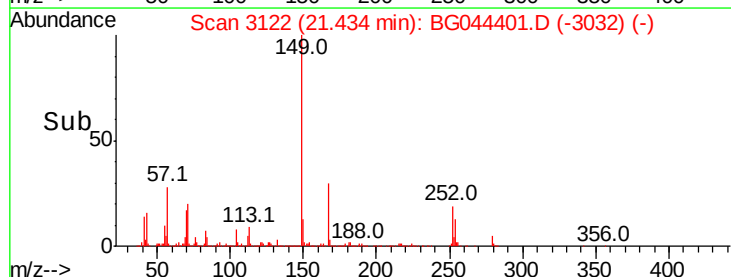
279 4.6 3.8 5.8

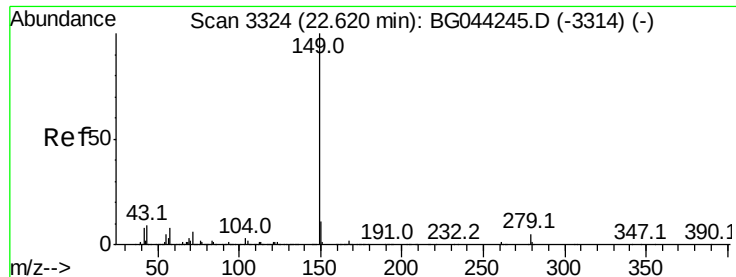


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

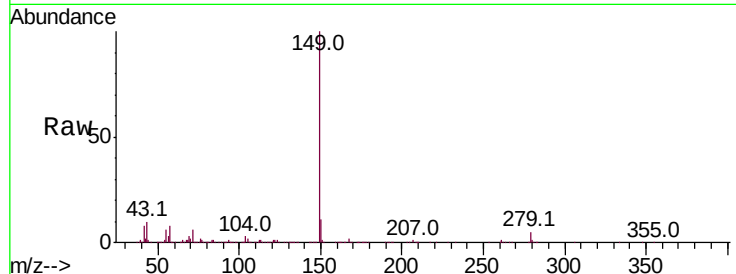




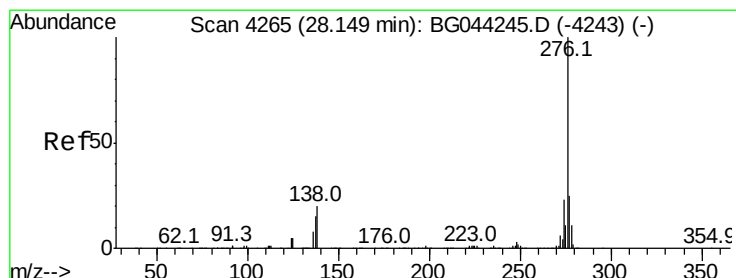
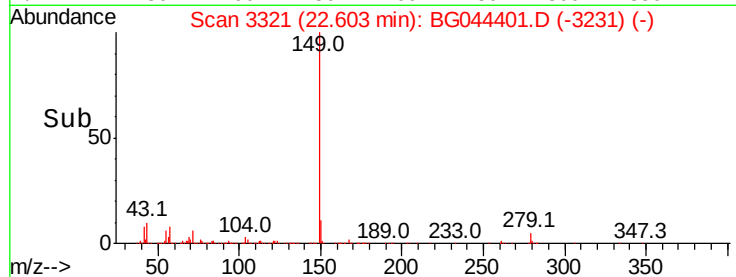
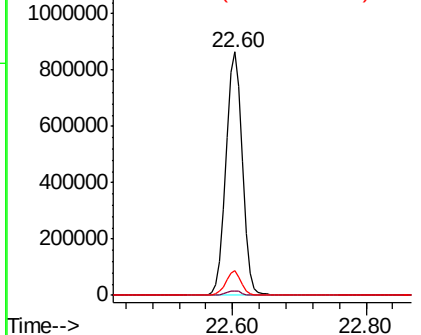
#85
Di-n-octyl phthalate
Concen: 50.005 ng
RT: 22.60 min Scan# 3321
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

Tot Ion:149 Resp: 1507764
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.3 7.4 11.0

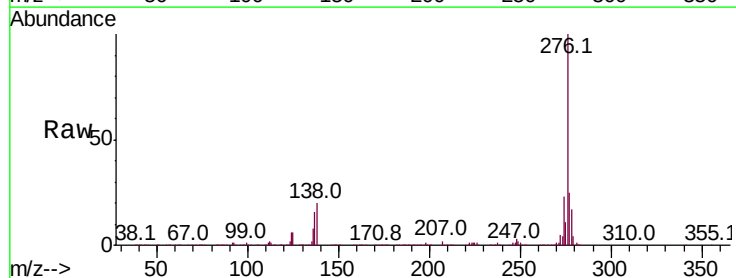


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

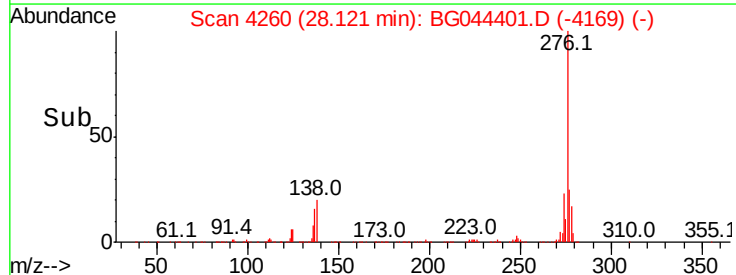
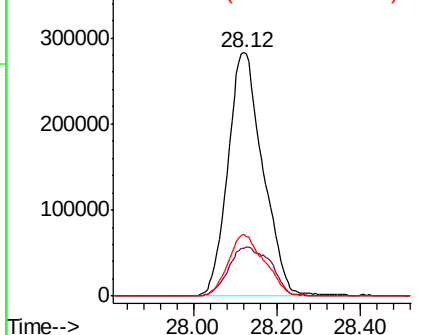


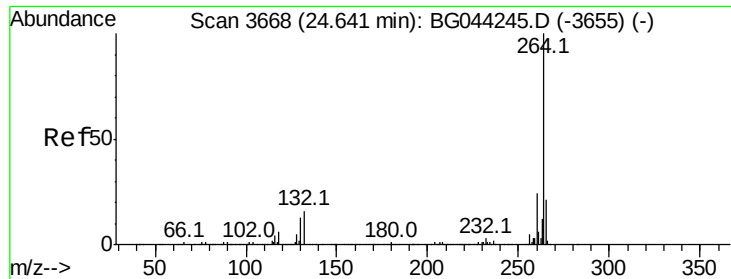
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.262 ng
RT: 28.12 min Scan# 4260
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:276 Resp: 1656361
Ion Ratio Lower Upper
276 100
138 24.3 19.4 29.0
277 26.2 21.0 31.6



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

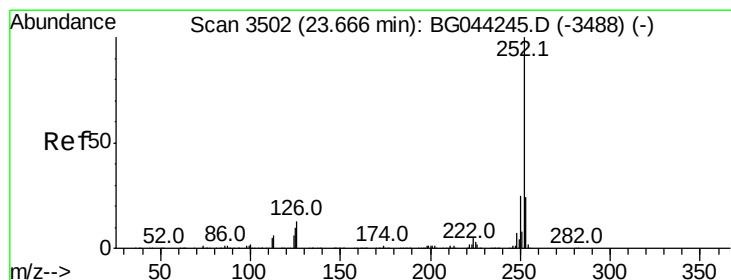
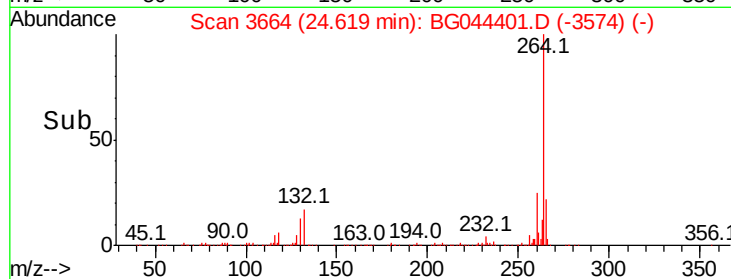
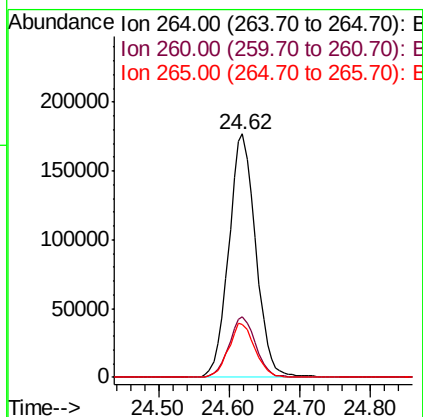
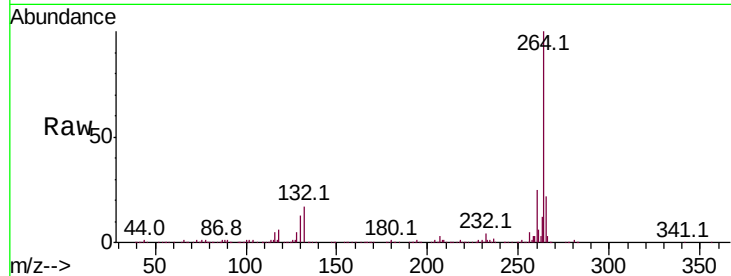




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

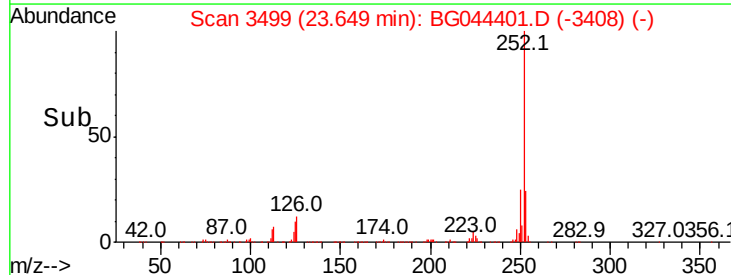
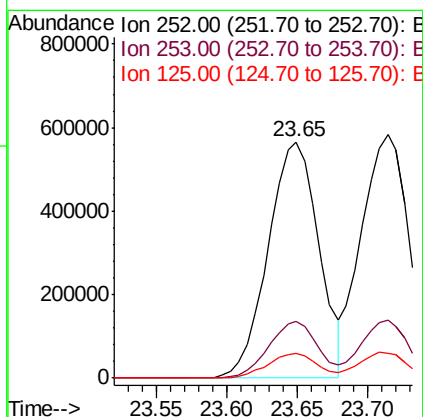
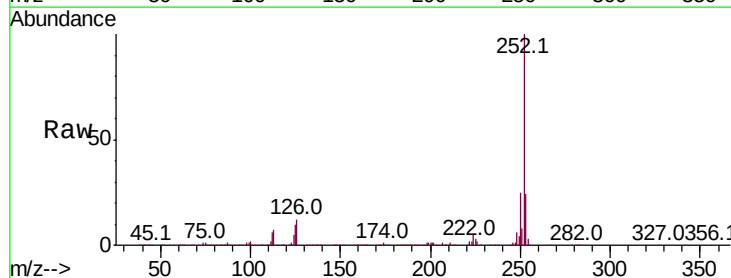
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

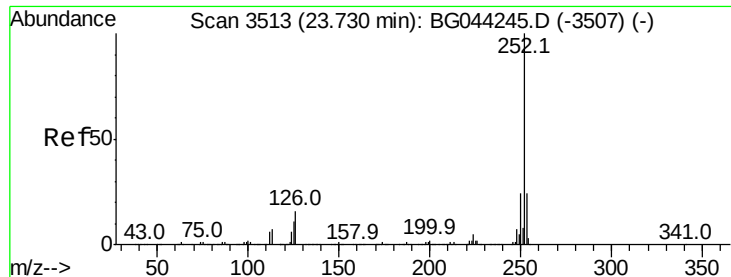
Tot Ion:264 Resp: 467963
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.9 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 52.496 ng
RT: 23.65 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:252 Resp: 1415602
Ion Ratio Lower Upper
252 100
253 24.2 19.2 28.8
125 10.4 8.4 12.6

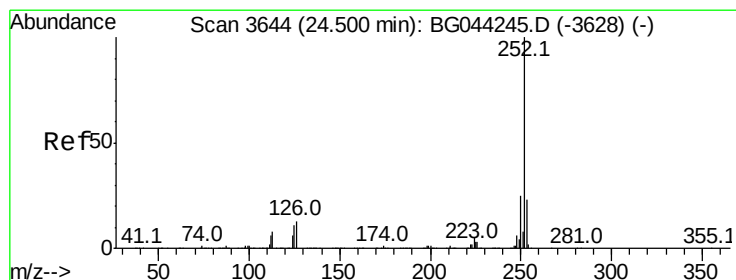
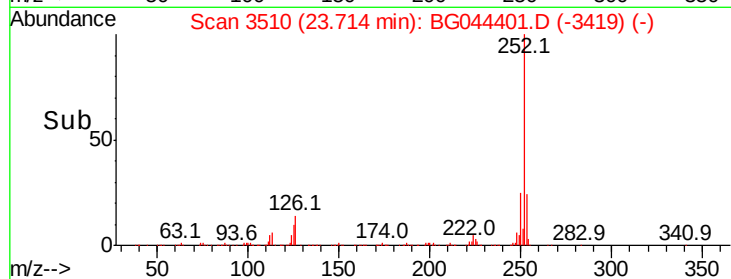
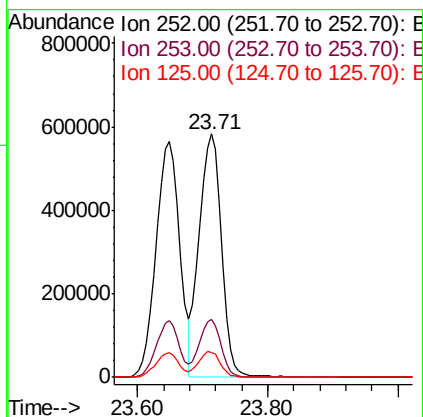
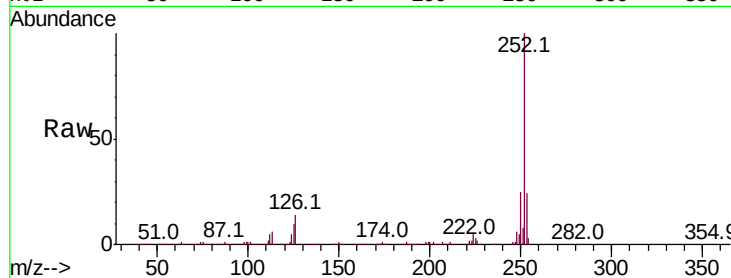




#89
Benzo(k)fluoranthene
Concen: 52.732 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

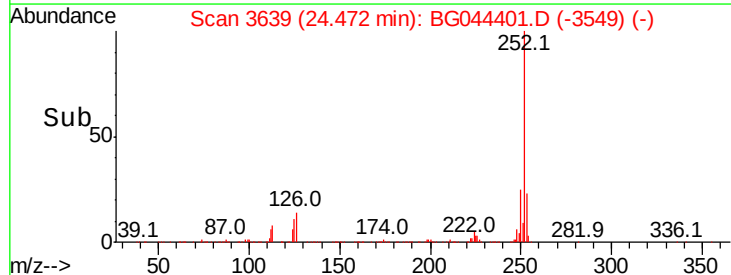
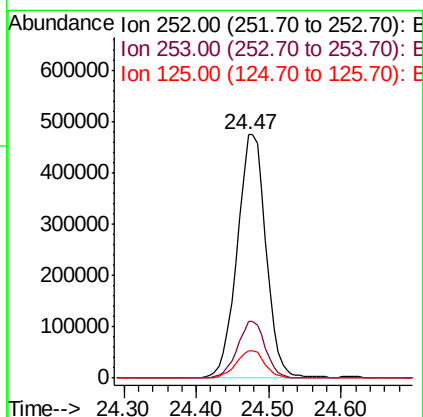
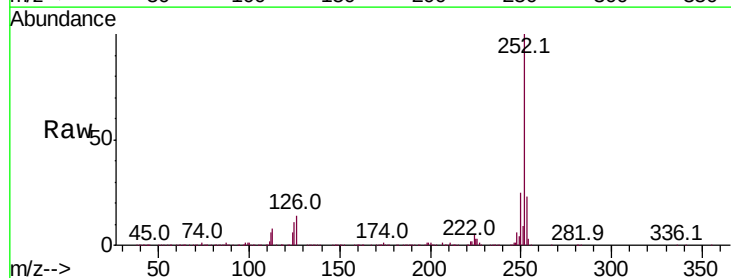
Instrument :
BNA_G
ClientSampleId :
HAM-WC-S-SB-BCMS

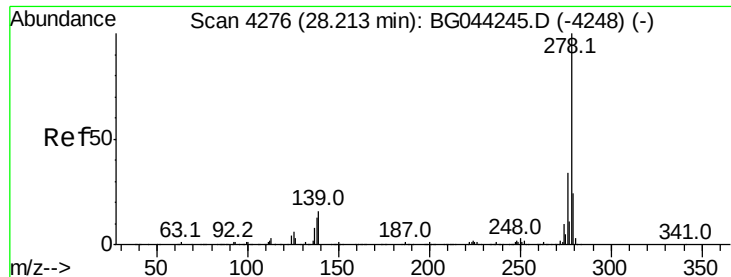
Tot Ion:252 Resp: 1385880
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 10.4 8.6 12.8



#90
Benzo(a)pyrene
Concen: 51.350 ng
RT: 24.47 min Scan# 3639
Delta R.T. -0.00 min
Lab File: BG044401.D
Acq: 11 Feb 2020 23:09

Tgt Ion:252 Resp: 1309203
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 53.693 ng

RT: 28.18 min Scan# 4270

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

Instrument :

BNA_G

ClientSampleId :

HAM-WC-S-SB-BCMS

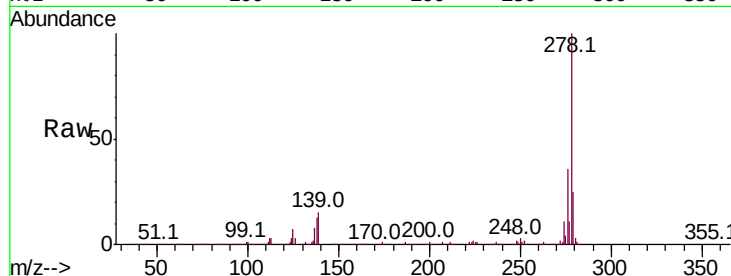
Tot Ion:278 Resp: 1354795

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	24.7	19.3	28.9

278 100

139 15.5 12.7 19.1

279 24.7 19.3 28.9

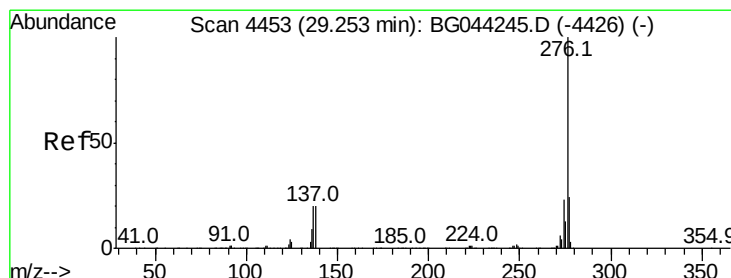
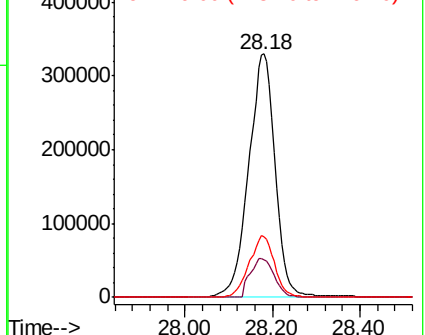
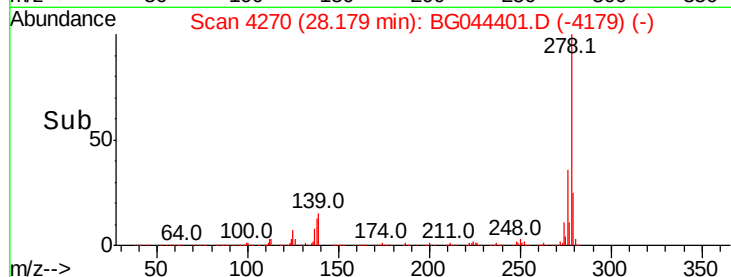


Abundance

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: 55.028 ng

RT: 29.21 min Scan# 4445

Delta R.T. 0.00 min

Lab File: BG044401.D

Acq: 11 Feb 2020 23:09

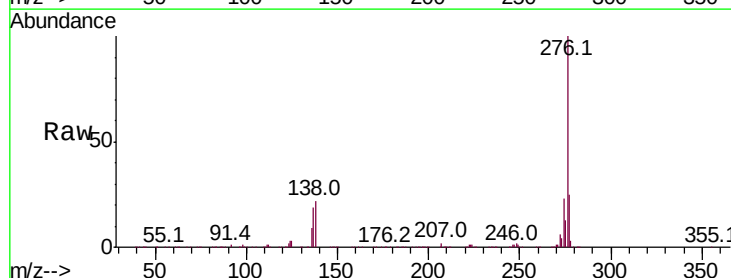
Tgt Ion:276 Resp: 1389968

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	21.6	16.2	24.2

276 100

277 24.6 18.8 28.2

138 21.6 16.2 24.2



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

