

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046043.D
 Acq On : 14 Jul 2020 21:49
 Operator : CG/JU
 Sample : L3181-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Quant Time: Jul 15 00:36:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	124192	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	501229	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	302752	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	661581	20.00	ng	0.00
76) Chrysene-d12	21.62	240	587940	20.00	ng	0.00
86) Perylene-d12	24.78	264	599880	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	905470	118.23	ng	0.00
7) Phenol-d6	7.17	99	1130149	102.50	ng	0.00
23) Nitrobenzene-d5	9.16	82	854539	98.13	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	357924	127.38	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1495991	77.08	ng	0.00
79) Terphenyl-d14	19.98	244	2020194	76.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	151019	42.743	ng	# 35
3) Pyridine	3.91	79	414263	38.776	ng	98
4) n-Nitrosodimethylamine	3.81	42	186456	51.614	ng	# 94
6) Aniline	7.33	93	343024	24.320	ng	98
8) 2-Chlorophenol	7.57	128	421604	51.141	ng	99
9) Benzaldehyde	7.14	77	136885	19.595	ng	98
10) Phenol	7.20	94	489022	44.215	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	448286	49.015	ng	98
12) 1,3-Dichlorobenzene	7.90	146	442022	46.517	ng	97
13) 1,4-Dichlorobenzene	8.04	146	437479	46.801	ng	99
14) 1,2-Dichlorobenzene	8.36	146	430488	47.850	ng	97
15) Benzyl Alcohol	8.24	79	424271	49.076	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	575413	48.221	ng	98
17) 2-Methylphenol	8.45	107	378624	45.623	ng	98
18) Hexachloroethane	9.09	117	172874	48.064	ng	91
19) n-Nitroso-di-n-propylamine	8.81	70	375582	48.489	ng	99
20) 3+4-Methylphenols	8.77	107	505157	44.662	ng	99
22) Acetophenone	8.82	105	630365	47.076	ng	97
24) Nitrobenzene	9.20	77	533058	55.460	ng	99
25) Isophorone	9.72	82	988211	46.485	ng	99
26) 2-Nitrophenol	9.91	139	209018	66.718	ng	94
27) 2,4-Dimethylphenol	9.97	122	378746	50.053	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	586142	49.100	ng	99
29) 2,4-Dichlorophenol	10.45	162	384580	49.096	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	393944	45.389	ng	97
31) Naphthalene	10.85	128	1260406	46.908	ng	99
32) Benzoic acid	10.07	122	63929	18.465	ng	98
33) 4-Chloroaniline	10.96	127	53780	4.479	ng	96
34) Hexachlorobutadiene	11.15	225	219094	43.233	ng	98
35) Caprolactam	11.73	113	80308	27.003	ng	95
36) 4-Chloro-3-methylphenol	12.08	107	443900	49.755	ng	99
37) 2-Methylnaphthalene	12.45	142	909013	47.590	ng	98
38) 1-Methylnaphthalene	12.67	142	869037	48.210	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	384665	45.073	ng	97

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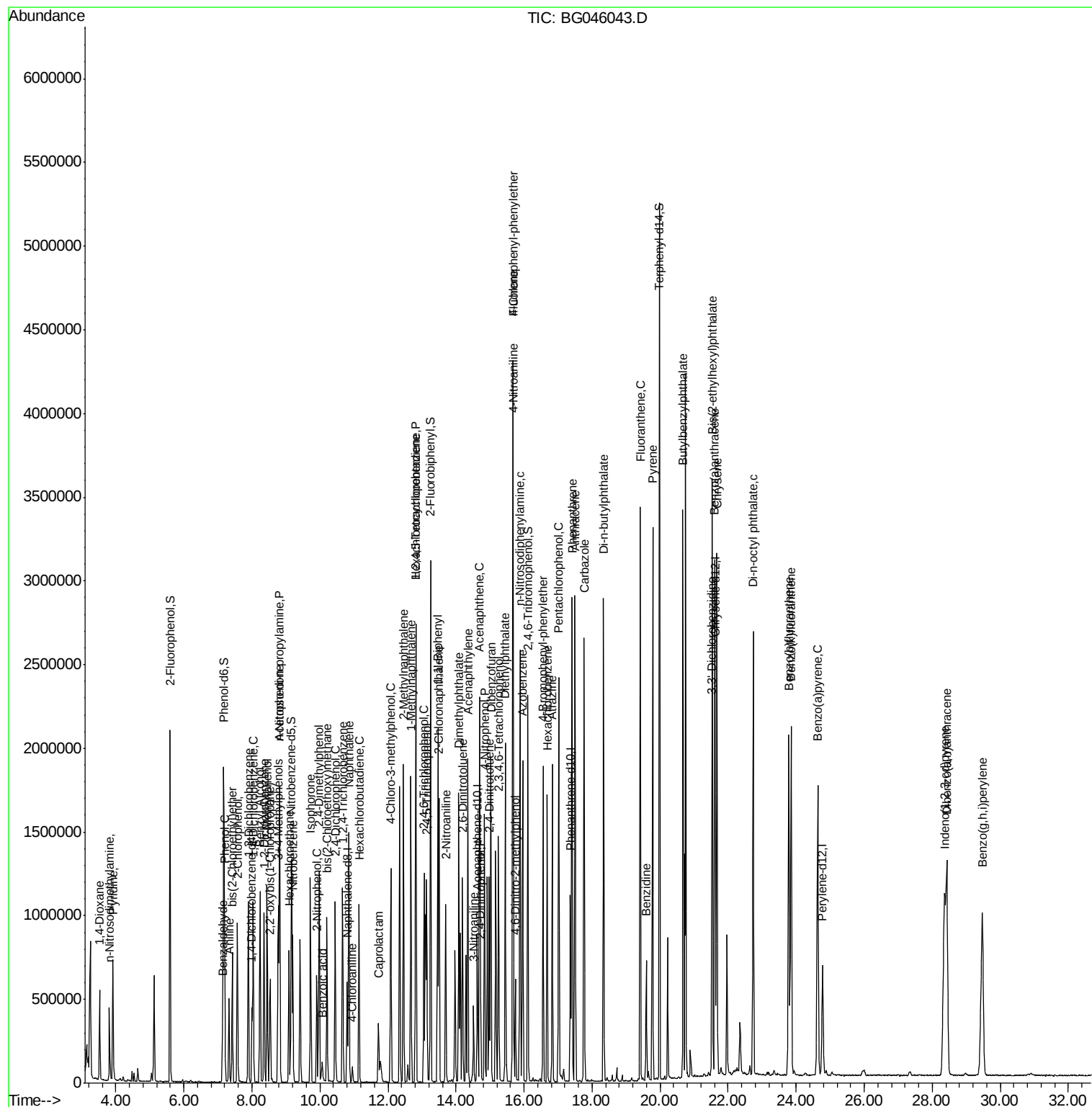
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	456988	90.243	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	289896	50.226	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	307558	47.129	nq	98
46) 1,1'-Biphenyl	13.46	154	1086289	47.697	nq	98
47) 2-Chloronaphthalene	13.50	162	831087	46.250	nq	98
48) 2-Nitroaniline	13.70	65	317332	61.940	nq	98
49) Acenaphthylene	14.35	152	1360977	46.942	nq	99
50) Dimethylphthalate	14.09	163	1089812	47.965	nq	100
51) 2,6-Dinitrotoluene	14.19	165	242060	58.767	nq	94
52) Acenaphthene	14.69	154	907493	49.624	nq	97
53) 3-Nitroaniline	14.52	138	115715	24.747	nq	# 92
54) 2,4-Dinitrophenol	14.72	184	116114	76.655	nq	# 91
55) Dibenzofuran	15.03	168	1255228	46.825	nq	100
56) 4-Nitrophenol	14.84	139	409105	110.519	nq	97
57) 2,4-Dinitrotoluene	14.98	165	337512	63.336	nq	99
58) Fluorene	15.67	166	1047193	47.620	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	281187	55.807	nq	92
60) Diethylphthalate	15.45	149	1124632	47.198	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	496117	45.347	nq	100
62) 4-Nitroaniline	15.68	138	273445	58.230	nq	94
63) Azobenzene	15.96	77	1266409	49.518	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	119825	51.951	nq	97
66) n-Nitrosodiphenylamine	15.88	169	944229	46.057	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	319763	43.276	nq	98
68) Hexachlorobenzene	16.68	284	335634	45.266	nq	95
69) Atrazine	16.83	200	321963	53.117	nq	99
70) Pentachlorophenol	17.02	266	394556	95.709	nq	98
71) Phenanthrene	17.41	178	1630272	46.611	nq	97
72) Anthracene	17.50	178	1664576	46.896	nq	98
73) Carbazole	17.76	167	1642797	46.174	nq	99
74) Di-n-butylphthalate	18.34	149	1953722	45.443	nq	99
75) Fluoranthene	19.42	202	1929651	47.725	nq	97
77) Benzidine	19.59	184	421480	25.072	nq	99
78) Pyrene	19.78	202	1928446	48.052	nq	98
80) Butylbenzylphthalate	20.67	149	921904	48.610	nq	95
81) Benzo(a)anthracene	21.61	228	1770247	45.791	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	355764	24.904	nq	98
83) Chrysene	21.67	228	1701732	46.206	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1294853	47.035	nq	99
85) Di-n-octyl phthalate	22.73	149	2198595	46.021	nq	100
87) Indeno(1,2,3-cd)pyrene	28.36	276	2208536	50.325	nq	99
88) Benzo(b)fluoranthene	23.79	252	1867159	49.031	nq	97
89) Benzo(k)fluoranthene	23.86	252	1829675	50.813	nq	99
90) Benzo(a)pyrene	24.63	252	1752450	48.939	nq	99
91) Dibenzo(a,h)anthracene	28.43	278	1773411	50.102	nq	99
92) Benzo(g,h,i)perylene	29.47	276	1776863	49.883	nq	97

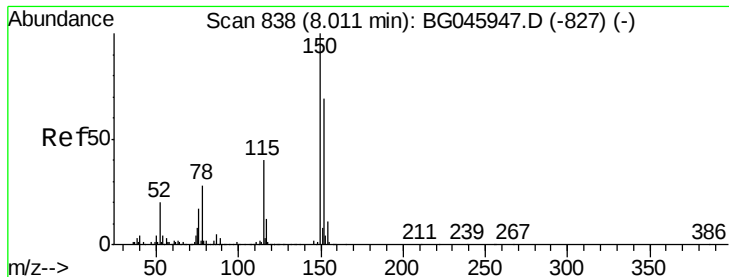
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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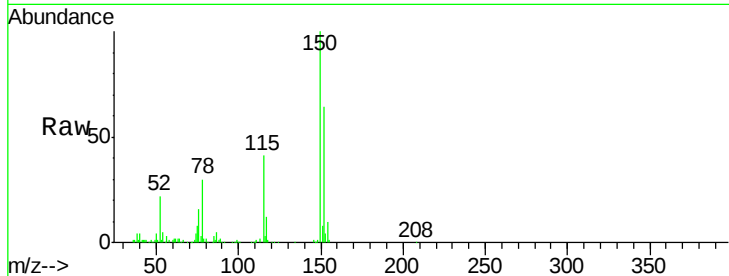


#1

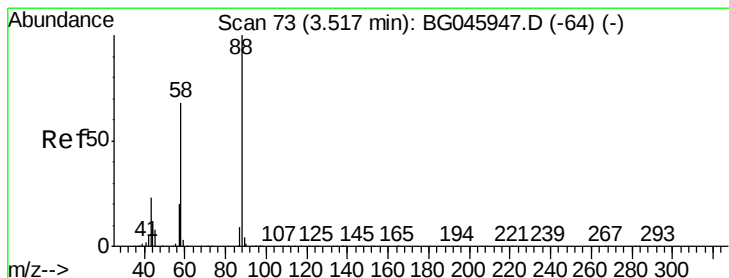
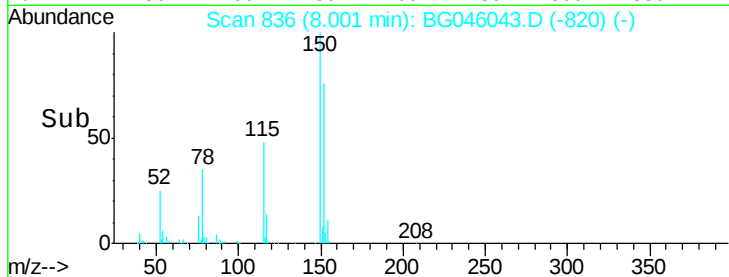
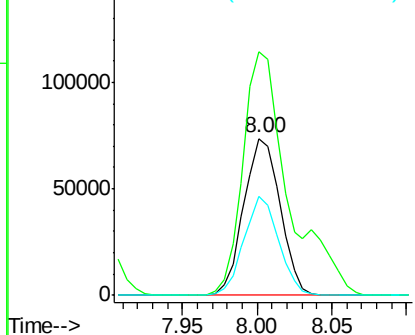
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
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CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	116.7	175.1
115	63.5	47.4	71.0



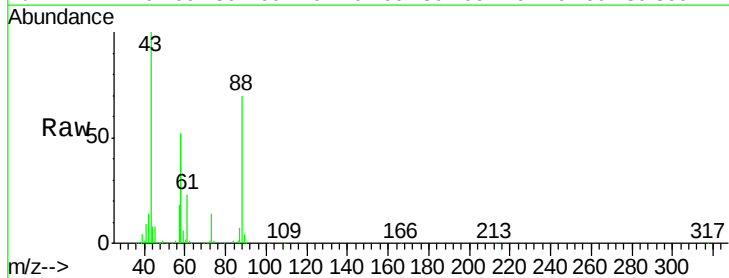
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



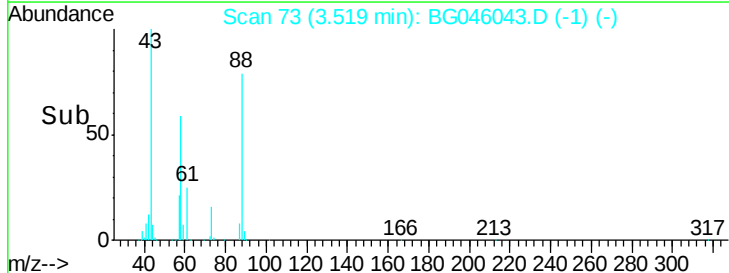
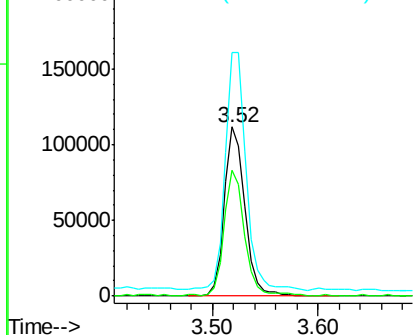
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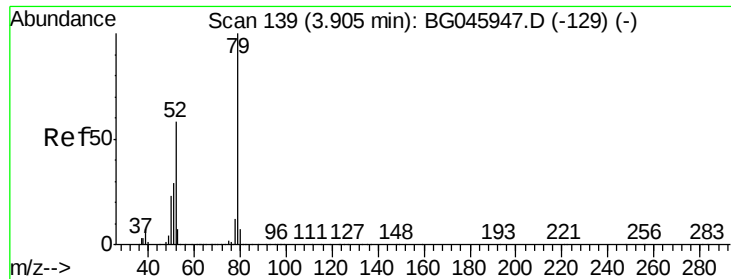
1,4-Dioxane
Concen: 42.743 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	55.2	82.8
43	142.1	19.4	29.0



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: 38.776 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.02 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

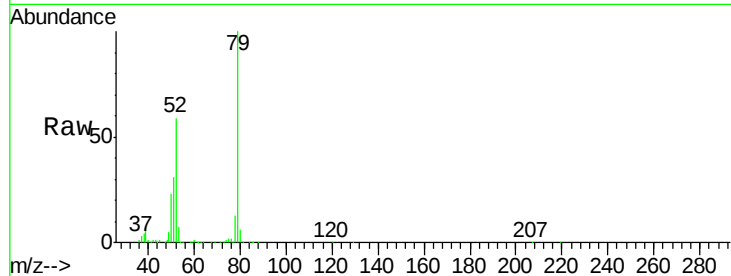
Tot Ion: 79 Resp: 414263

Ion Ratio Lower Upper

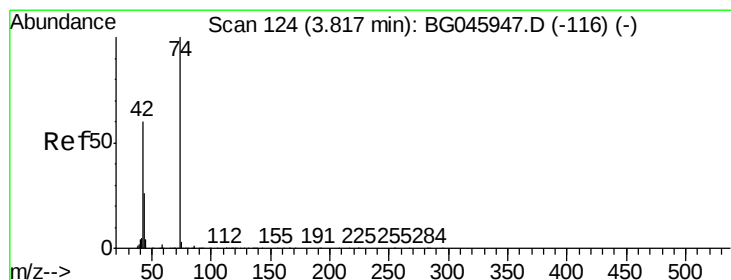
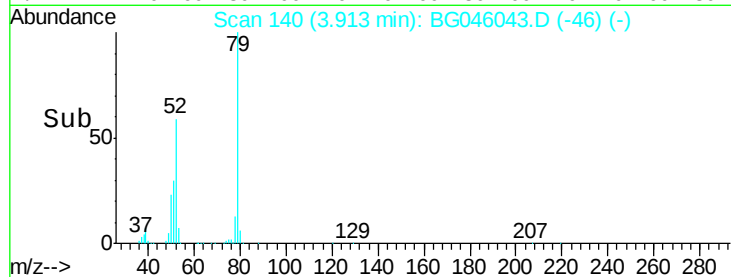
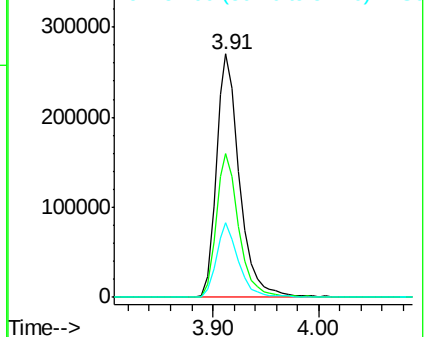
79 100

52 59.1 46.5 69.7

51 30.7 23.5 35.3



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: 51.614 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

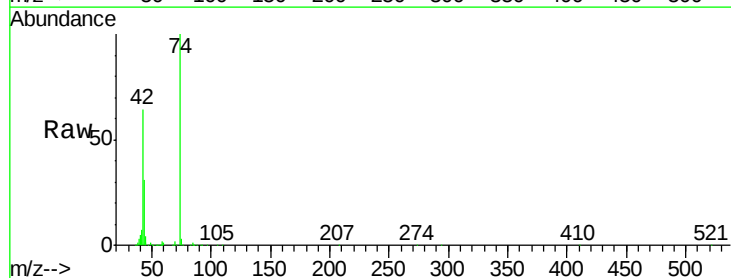
Tgt Ion: 42 Resp: 186456

Ion Ratio Lower Upper

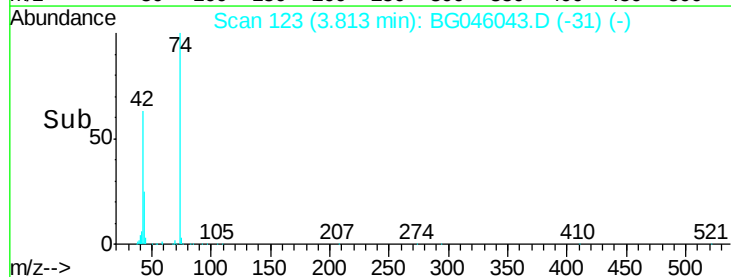
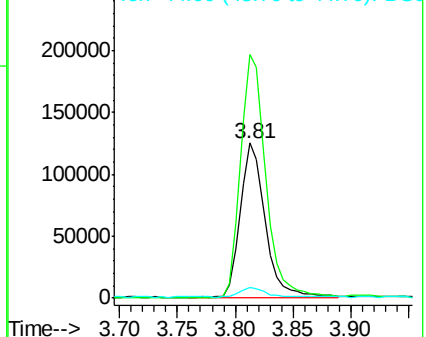
42 100

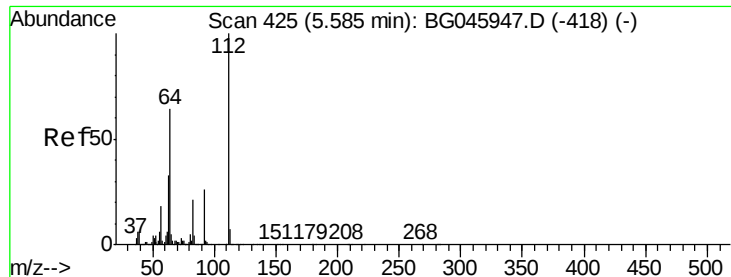
74 156.8 131.9 197.9

44 6.9 7.7 11.5#



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: 118.234 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

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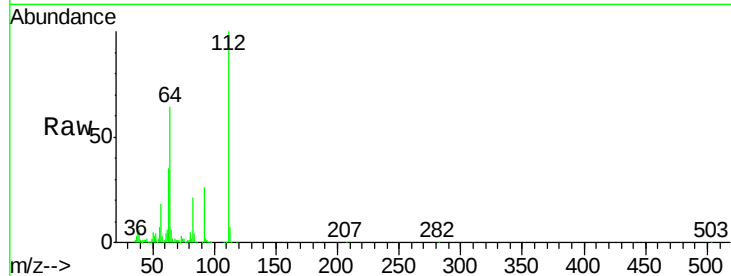
Tot Ion:112 Resp: 905470

Ion Ratio Lower Upper

112 100

64 64.1 51.4 77.2

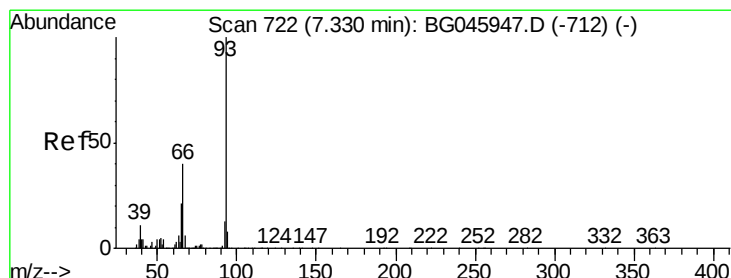
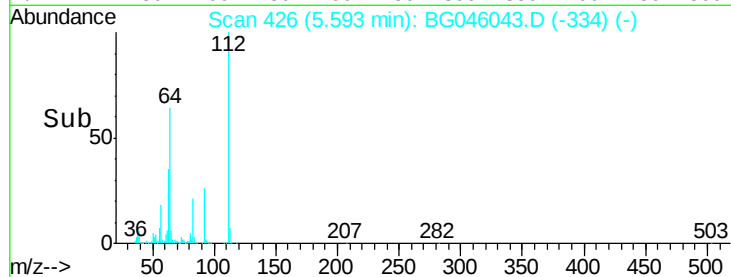
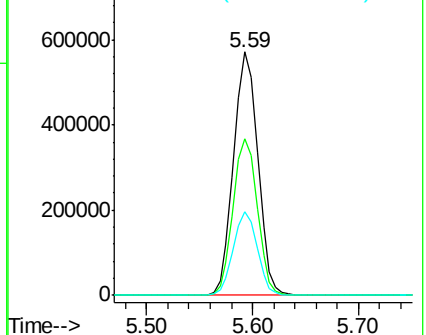
63 34.6 26.6 40.0



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: 24.320 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG046043.D

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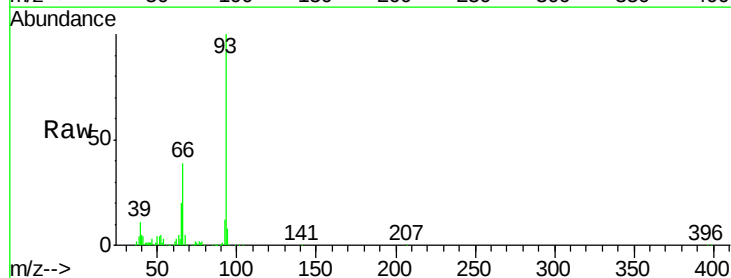
Tgt Ion: 93 Resp: 343024

Ion Ratio Lower Upper

93 100

66 39.0 32.3 48.5

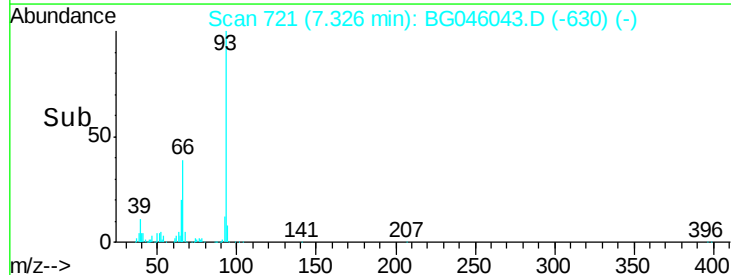
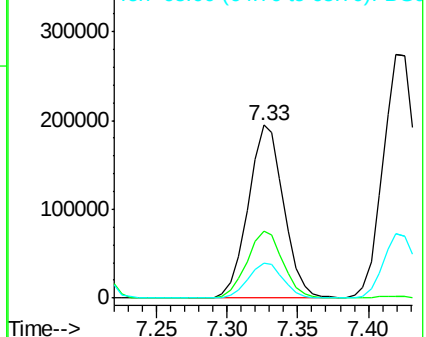
65 20.3 16.6 25.0

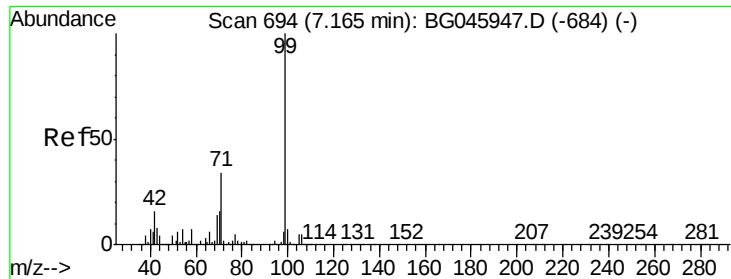


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.501 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

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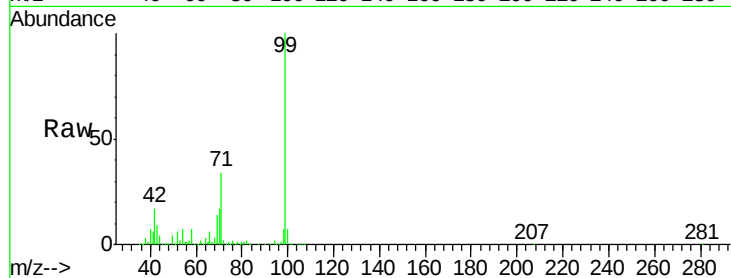
Tot Ion: 99 Resp: 1130149

Ion Ratio Lower Upper

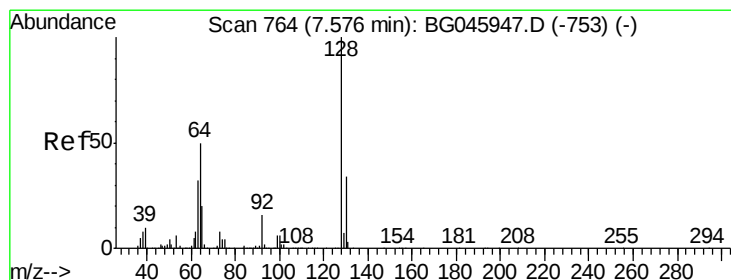
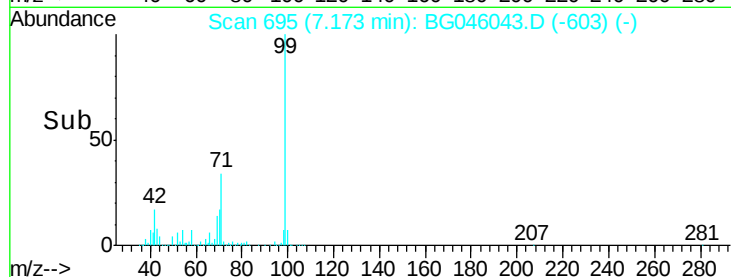
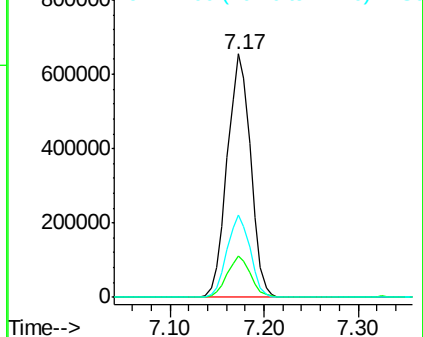
99 100

42 16.9 13.0 19.4

71 33.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.141 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

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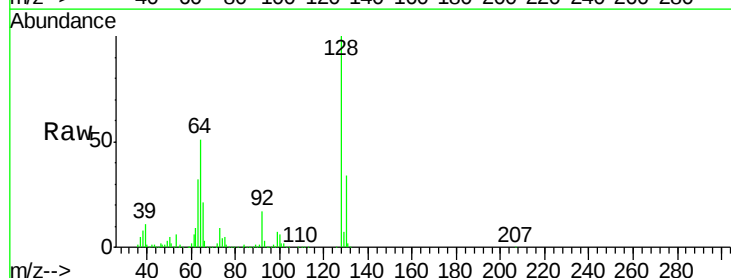
Tgt Ion: 128 Resp: 421604

Ion Ratio Lower Upper

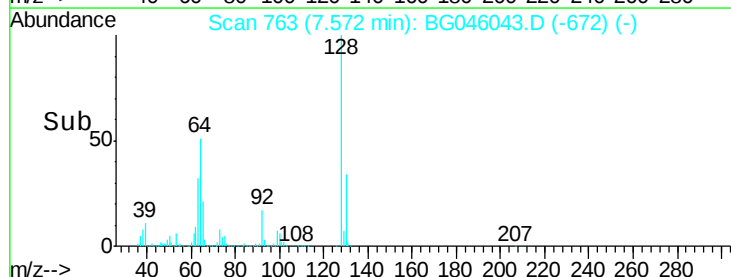
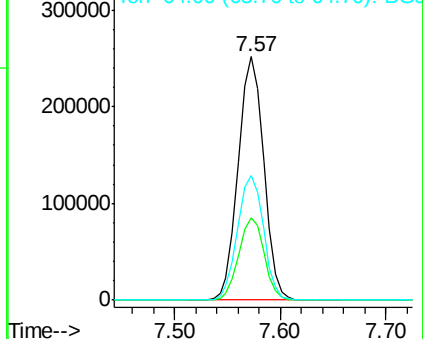
128 100

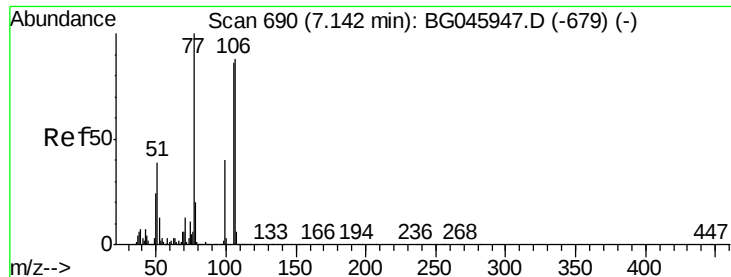
130 33.9 13.6 53.6

64 51.3 30.6 70.6



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





#9

Benzaldehyde

Concen: 19.595 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

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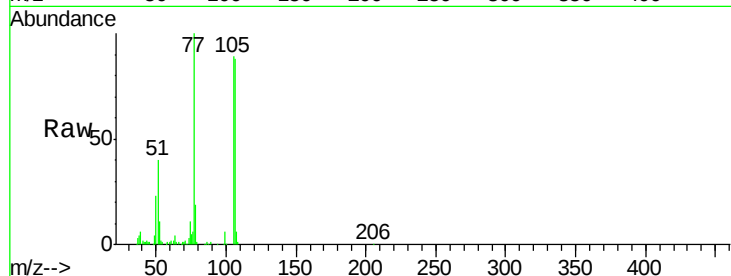
Tot Ion: 77 Resp: 136885

Ion Ratio Lower Upper

77 100

105 89.5 66.0 106.0

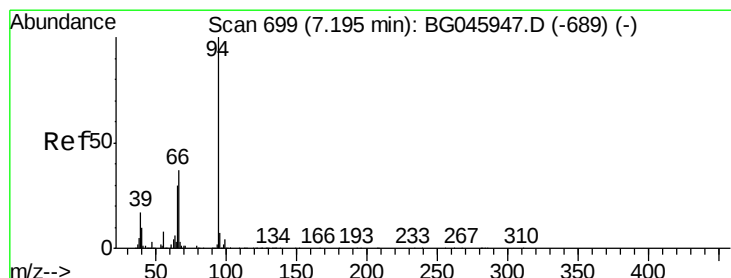
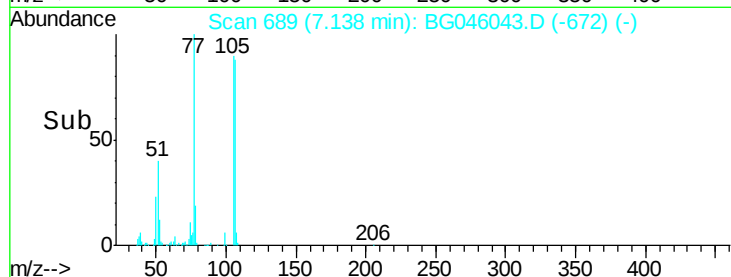
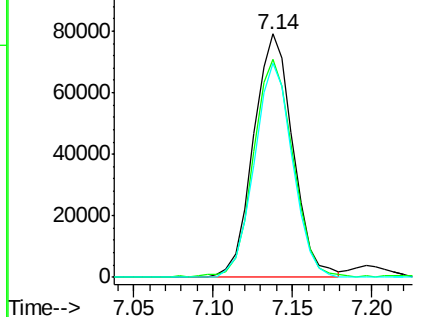
106 88.2 67.7 107.7



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: 44.215 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

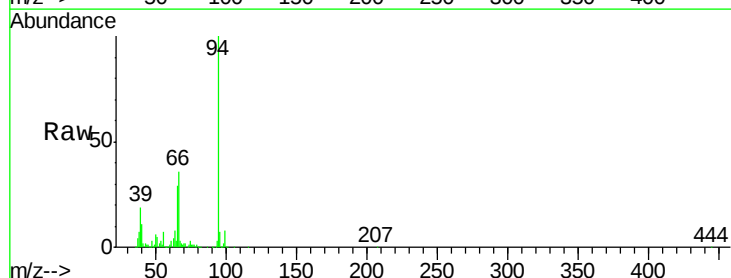
Tgt Ion: 94 Resp: 489022

Ion Ratio Lower Upper

94 100

65 29.3 10.6 50.6

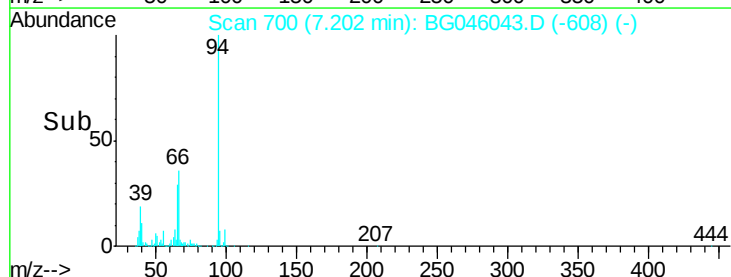
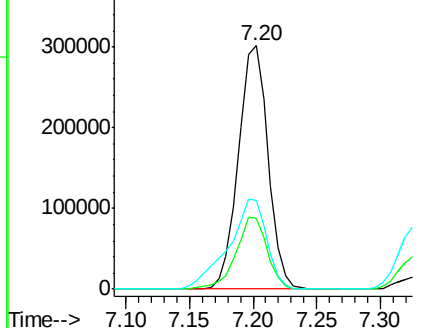
66 36.4 17.1 57.1

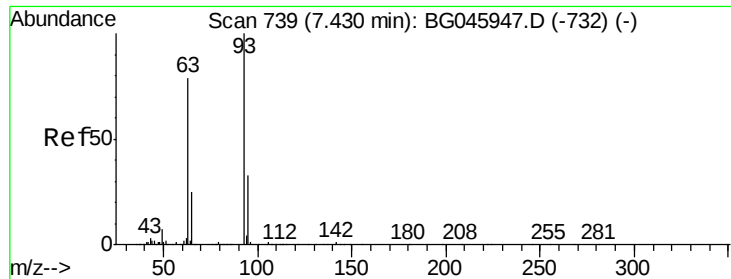


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

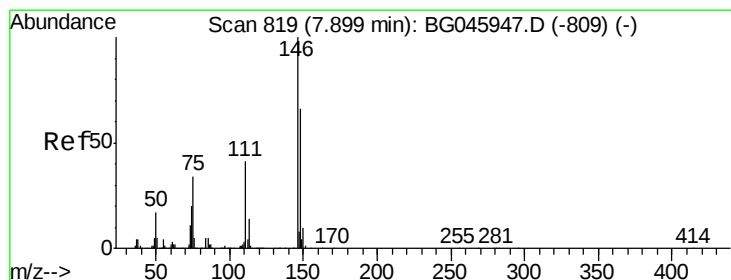
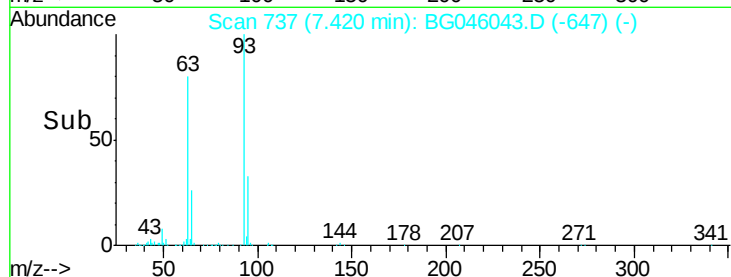
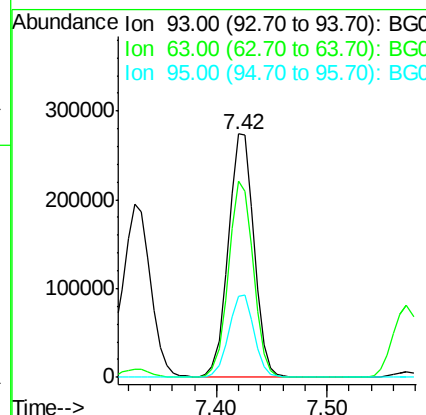
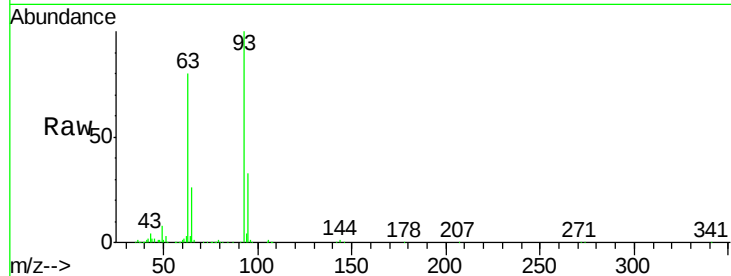




#11
 bis(2-Chloroethyl)ether
 Concen: 49.015 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

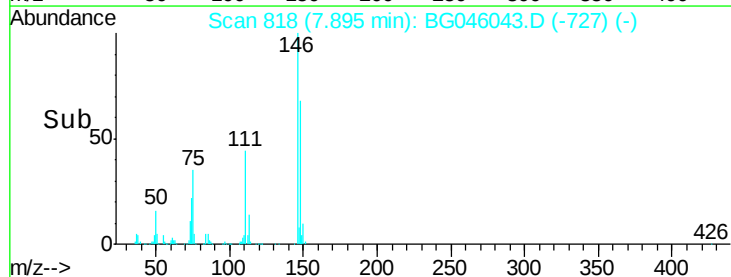
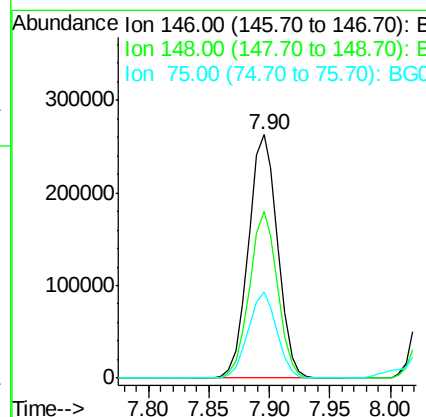
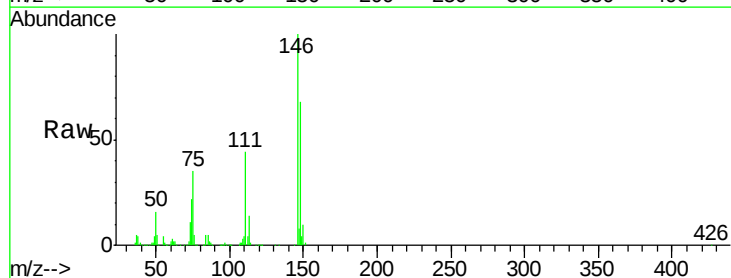
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

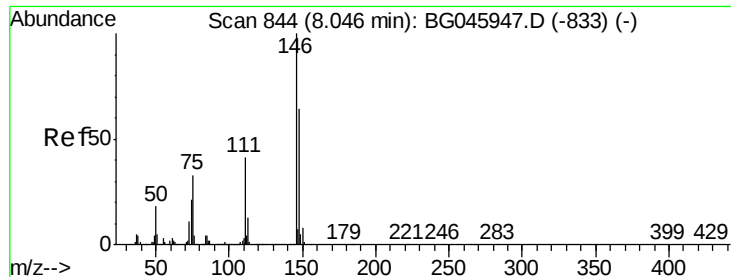
Tot Ion	93	Resp	448286
Ion Ratio	Lower	Upper	
93	100		
63	80.4	58.6	98.6
95	33.2	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 46.517 ng
 RT: 7.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	146	Resp	442022
Ion Ratio	Lower	Upper	
146	100		
148	68.4	52.8	79.2
75	35.2	27.2	40.8

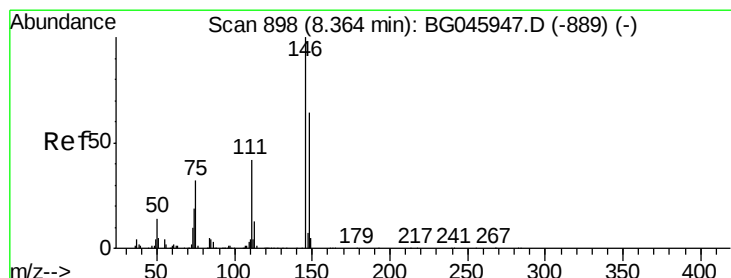
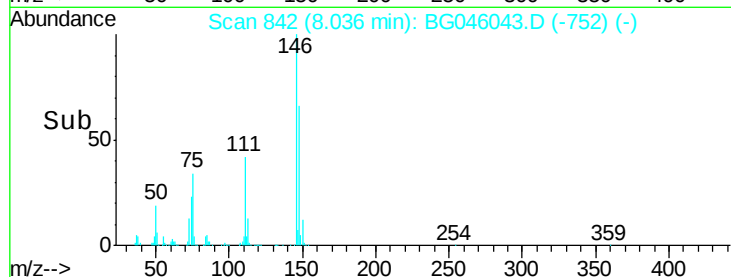
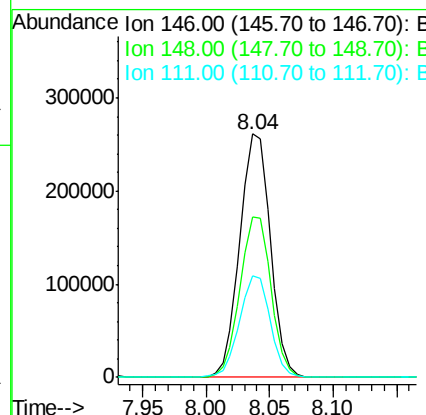
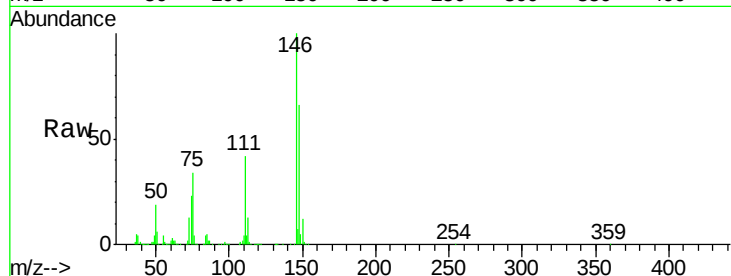




#13
1,4-Dichlorobenzene
Concen: 46.801 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

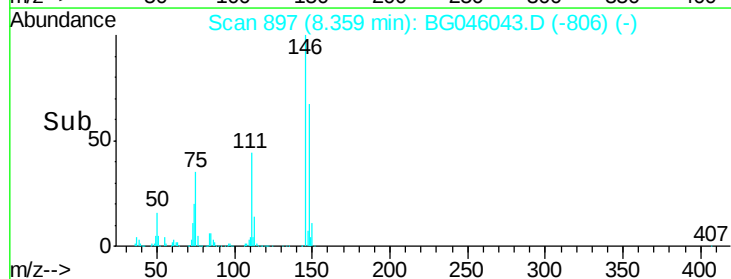
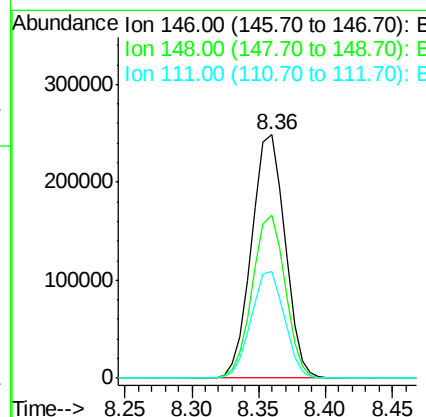
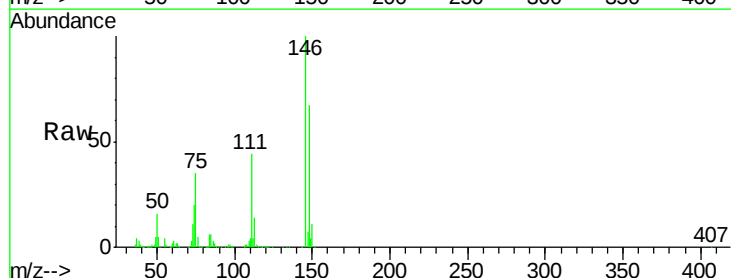
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

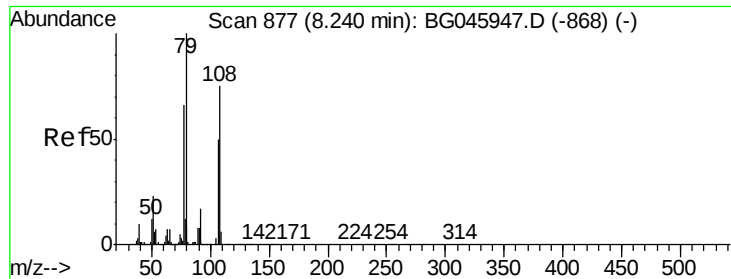
Tot Ion:146 Resp: 437479
Ion Ratio Lower Upper
146 100
148 66.0 51.7 77.5
111 41.8 33.3 49.9



#14
1,2-Dichlorobenzene
Concen: 47.850 ng
RT: 8.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:146 Resp: 430488
Ion Ratio Lower Upper
146 100
148 66.8 51.6 77.4
111 44.0 34.0 51.0





#15

Benzyl Alcohol

Concen: 49.076 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

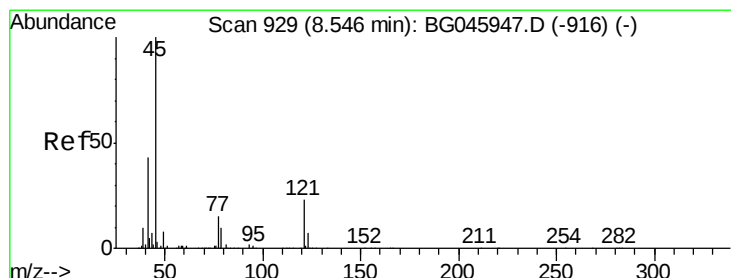
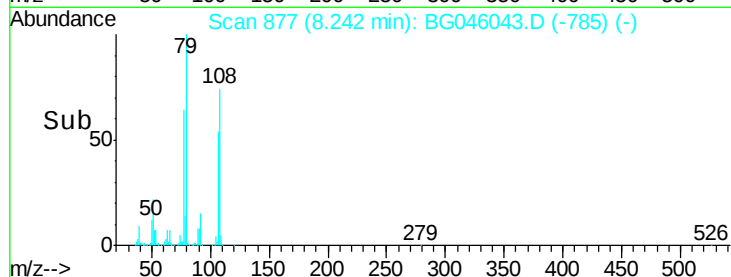
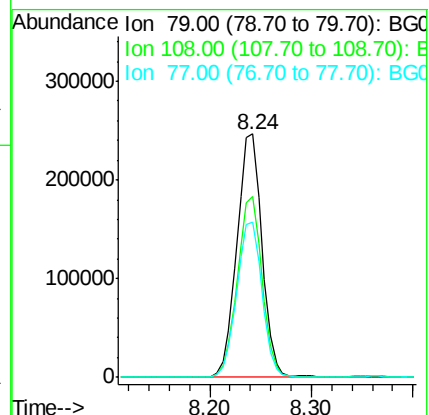
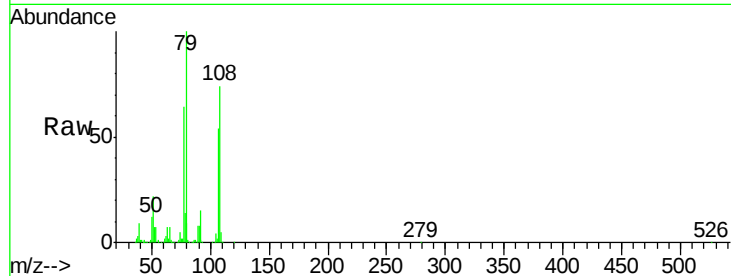
Tot Ion: 79 Resp: 424271

Ion Ratio Lower Upper

79 100

108 74.5 60.2 90.4

77 64.0 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.221 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

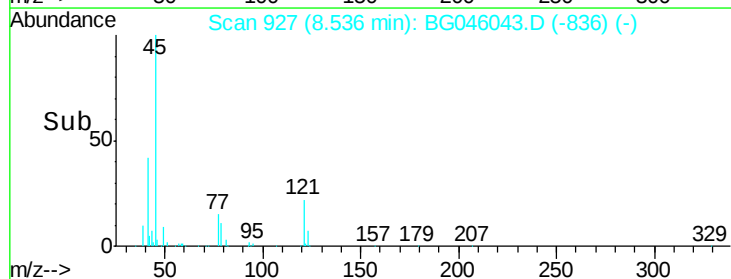
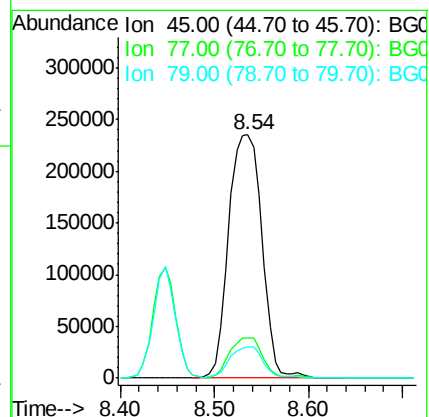
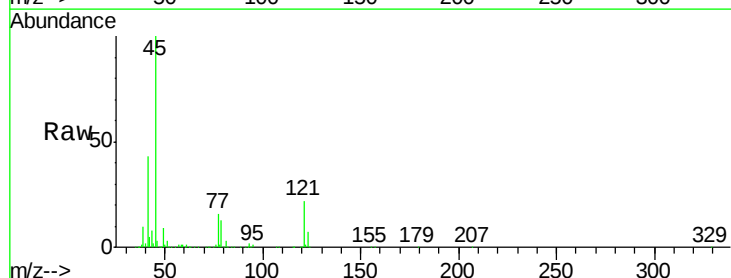
Tgt Ion: 45 Resp: 575413

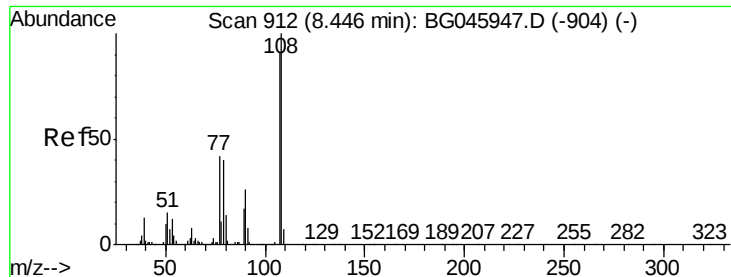
Ion Ratio Lower Upper

45 100

77 16.5 0.0 37.6

79 12.6 0.0 32.6

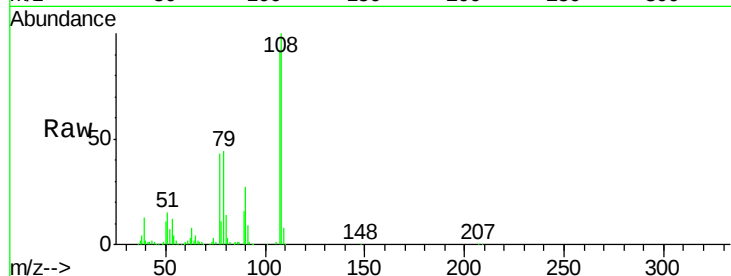




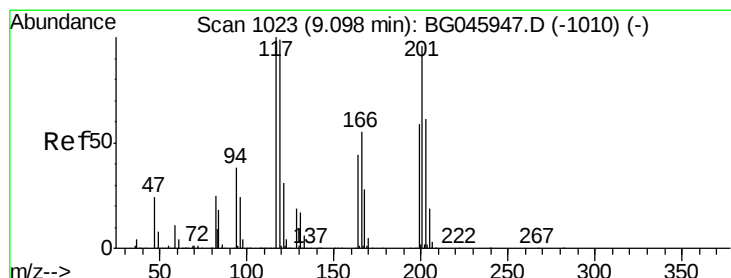
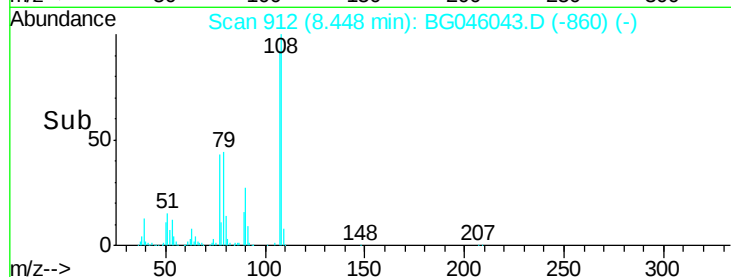
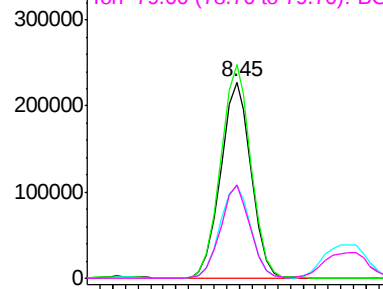
#17
2-Methylphenol
Concen: 45.623 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion:	107	Resp:	378624
Ion	Ratio	Lower	Upper
107	100		
108	108.9	88.2	132.4
77	47.0	37.0	55.4
79	47.5	35.4	53.0

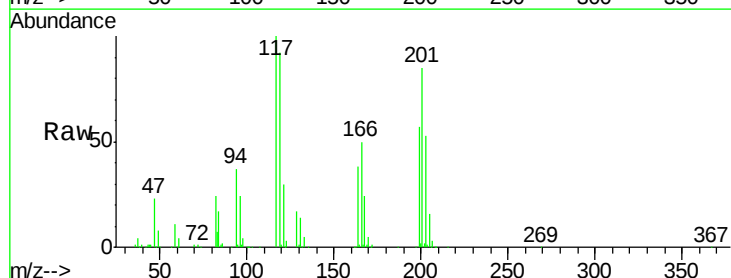


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

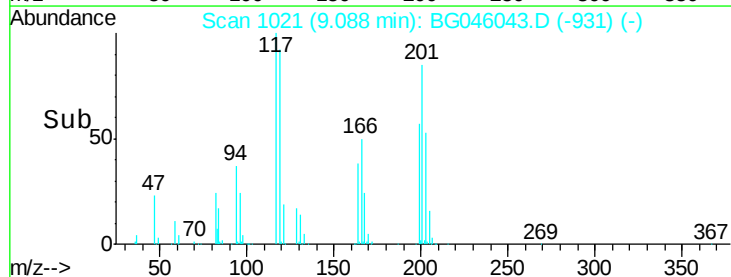
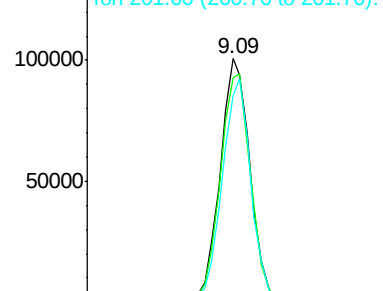


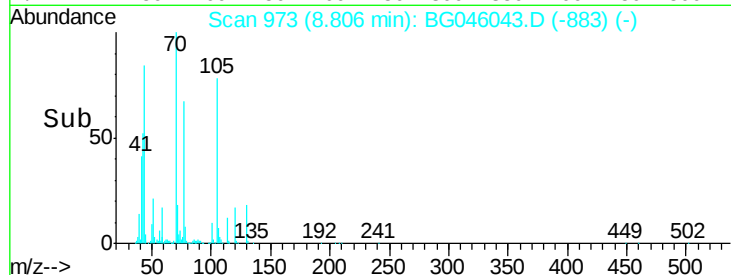
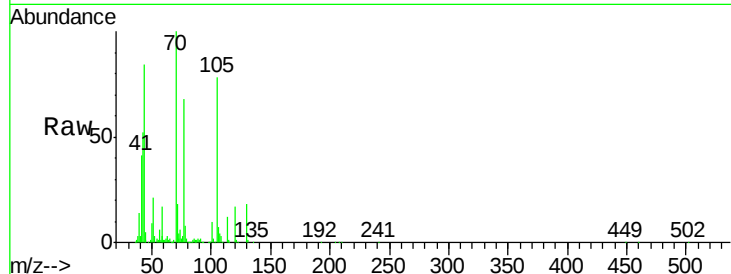
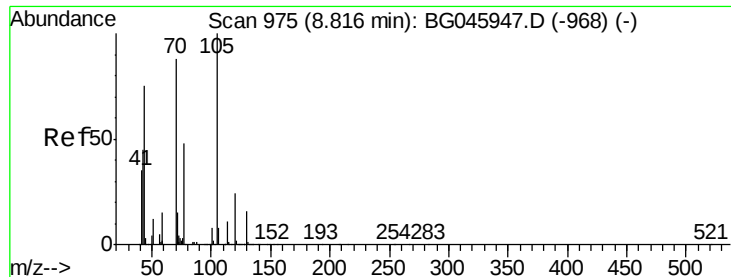
#18
Hexachloroethane
Concen: 48.064 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:	117	Resp:	172874
Ion	Ratio	Lower	Upper
117	100		
119	92.1	79.5	119.3
201	84.8	77.0	115.4



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

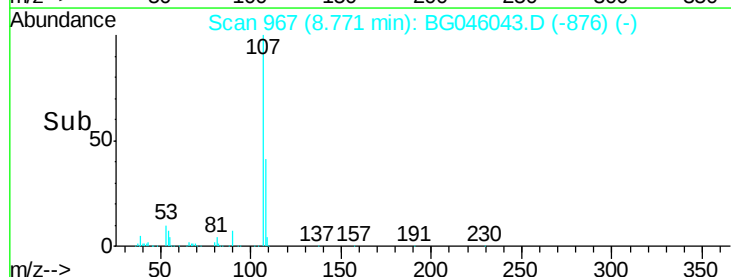
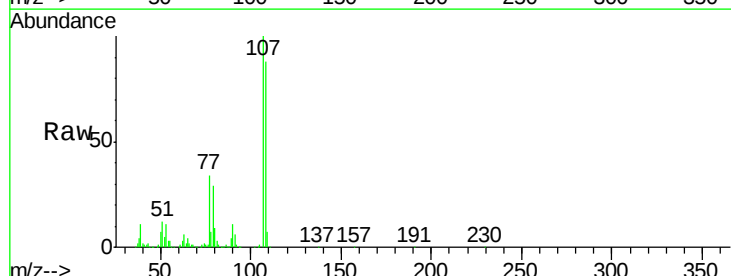
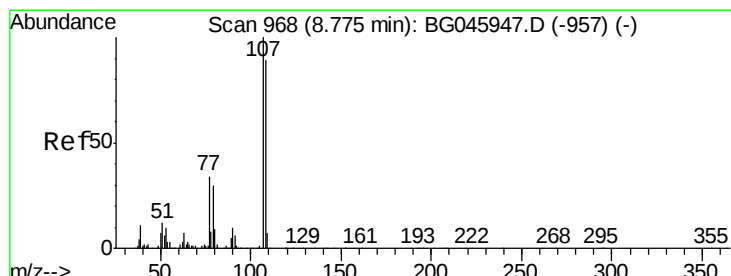
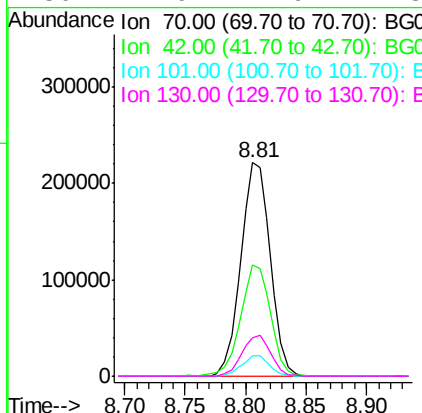




#19
n-Nitroso-di-n-propylamine
Concen: 48.489 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

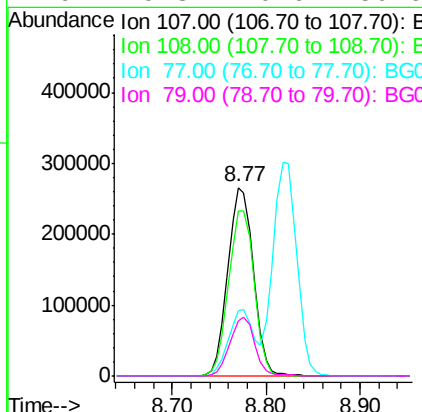
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

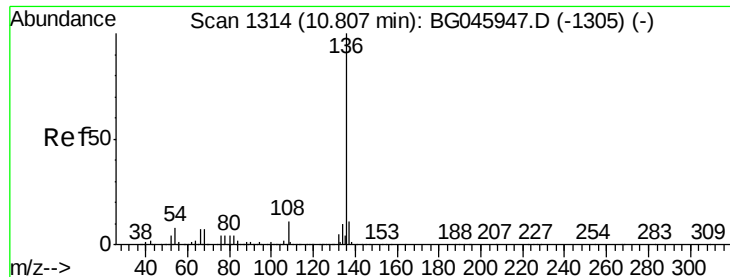
Tot Ion:	70	Resp:	375582
Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.4	62.0
101	9.8	7.1	10.7
130	17.9	14.9	22.3



#20
3+4-Methylphenols
Concen: 44.662 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:	107	Resp:	505157
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.7	108.7
77	34.4	14.6	54.6
79	29.3	10.6	50.6

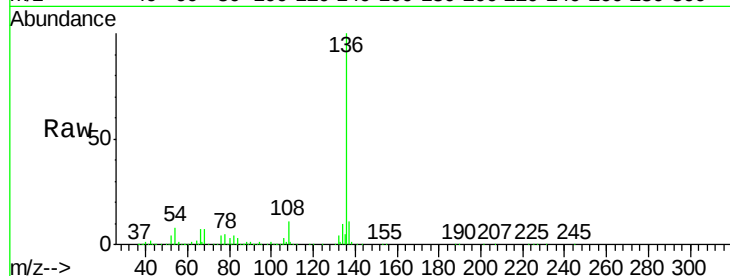




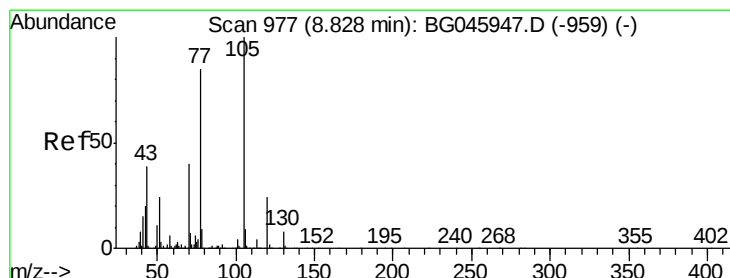
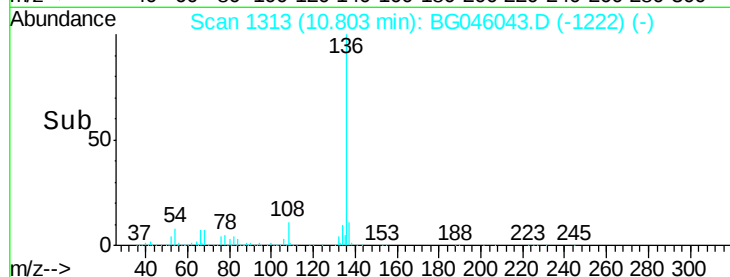
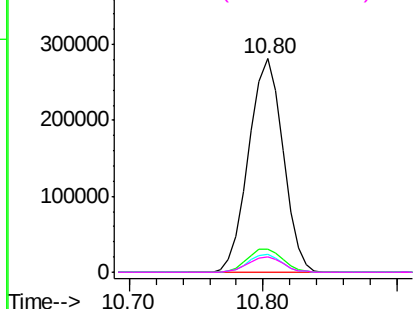
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion:136	Resp: 501229
Ion Ratio	Lower Upper
136 100	
137 10.7	9.2 13.8
54 8.3	6.2 9.4
68 7.2	5.8 8.8

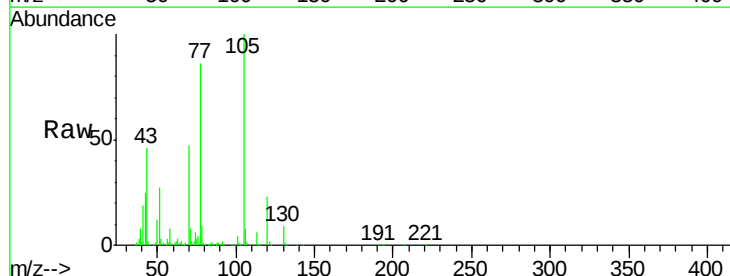


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

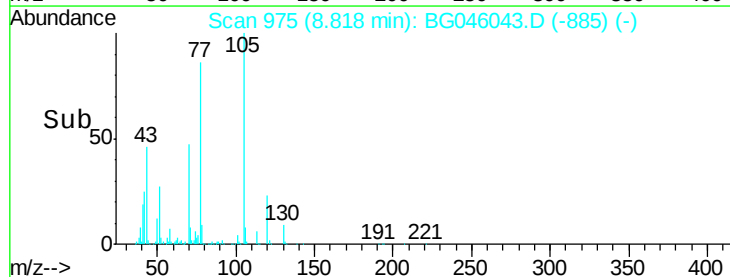
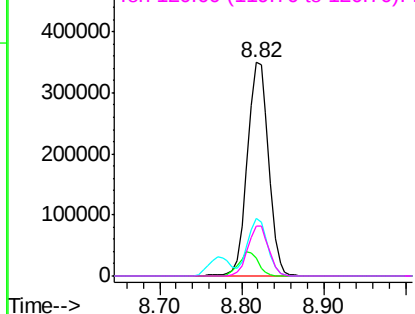


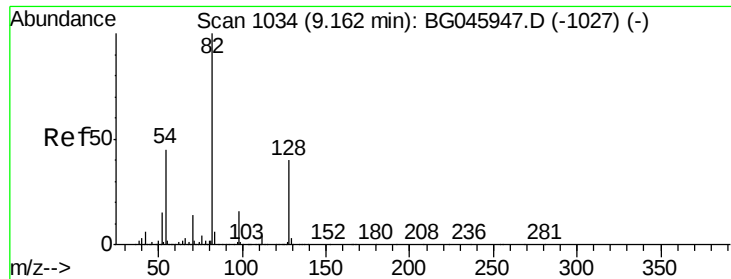
#22
Acetophenone
Concen: 47.076 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt	Ion:105	Resp:	630365
Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.2	9.2
51	26.9	19.7	29.5
120	23.5	19.2	28.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

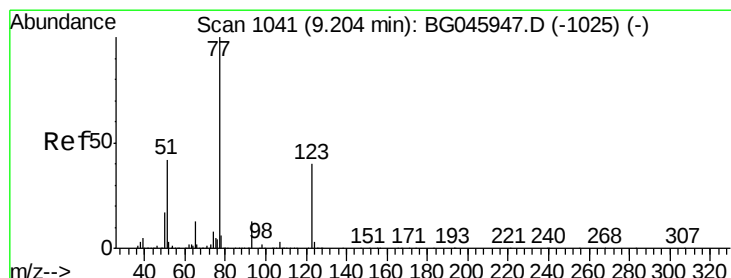
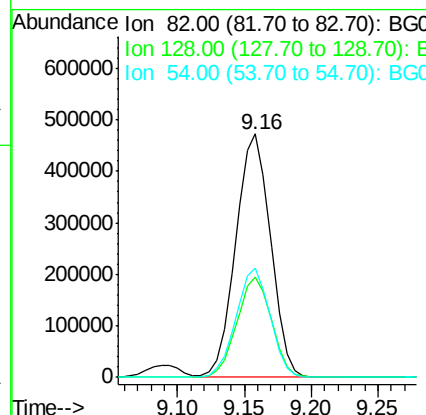
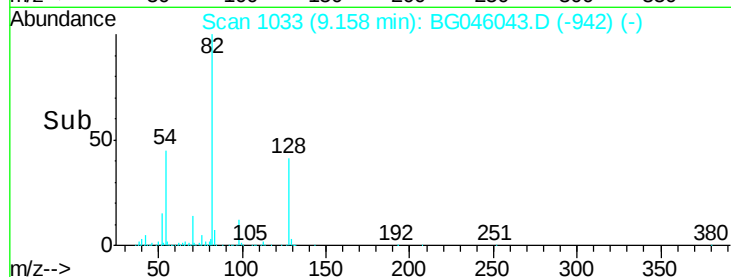
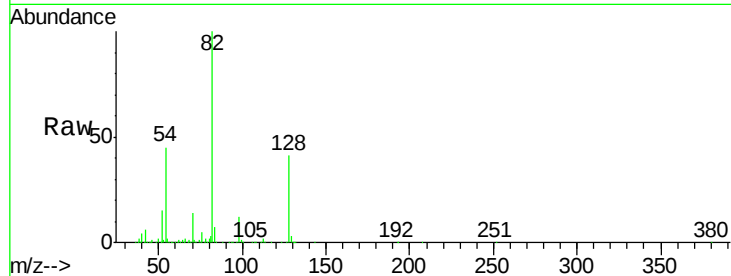




#23
 Nitrobenzene-d5
 Concen: 98.130 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

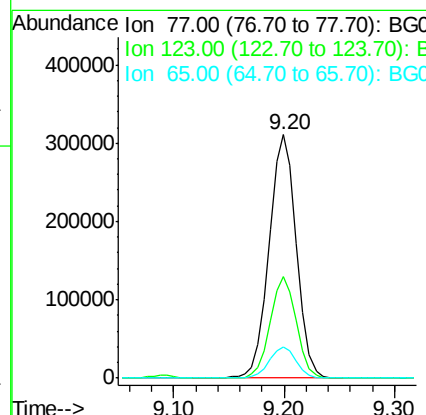
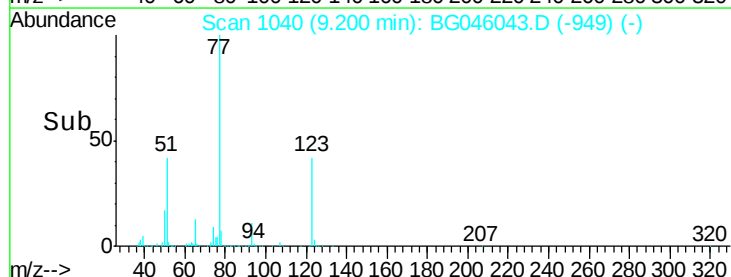
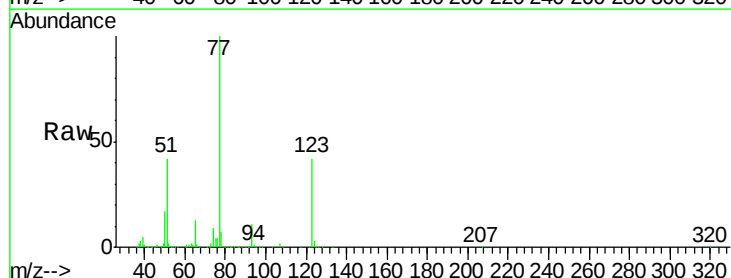
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

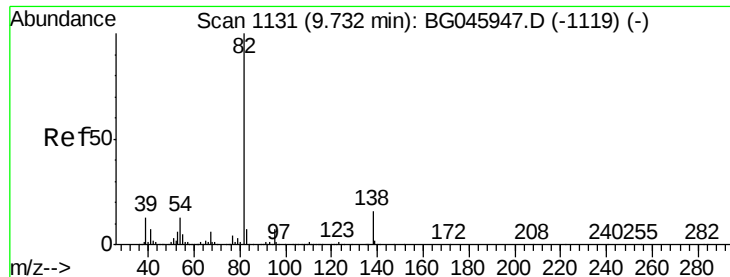
Tot Ion	82	Resp	854539
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.2	48.4
54	45.1	35.8	53.6



#24
 Nitrobenzene
 Concen: 55.460 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	77	Resp	533058
Ion Ratio	Lower	Upper	
77	100		
123	41.9	32.7	49.1
65	12.8	10.2	15.4





#25

Isophorone

Concen: 46.485 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

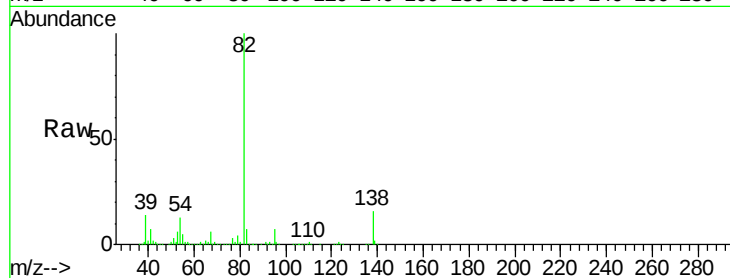
Tot Ion: 82 Resp: 988211

Ion Ratio Lower Upper

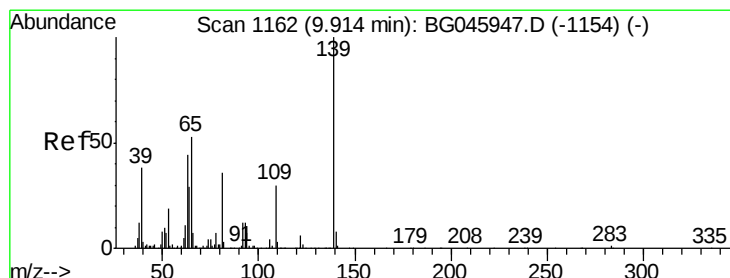
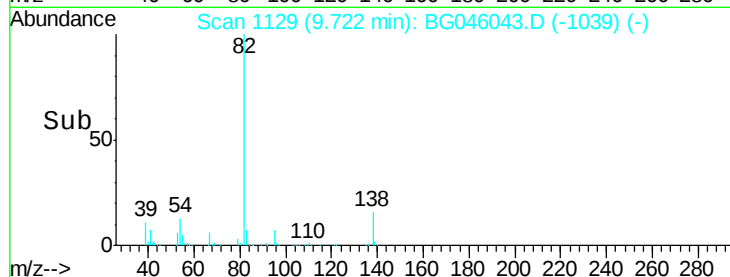
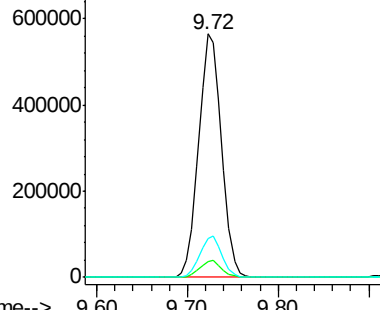
82 100

95 6.7 5.8 8.6

138 15.8 12.9 19.3



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: 66.718 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

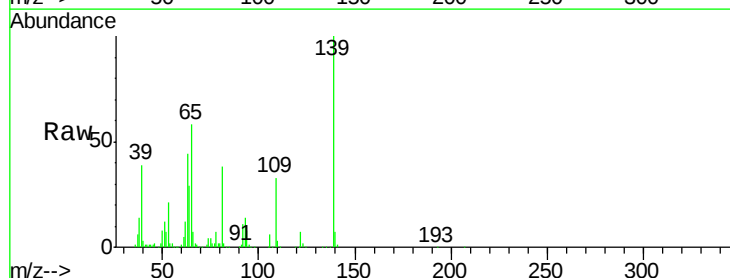
Tgt Ion: 139 Resp: 209018

Ion Ratio Lower Upper

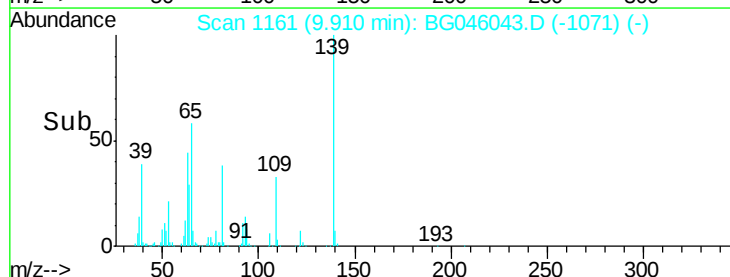
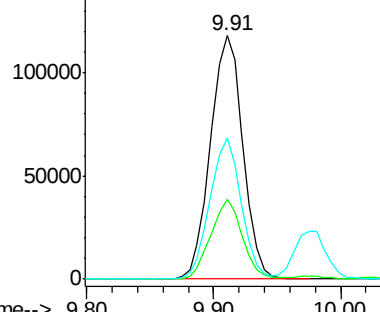
139 100

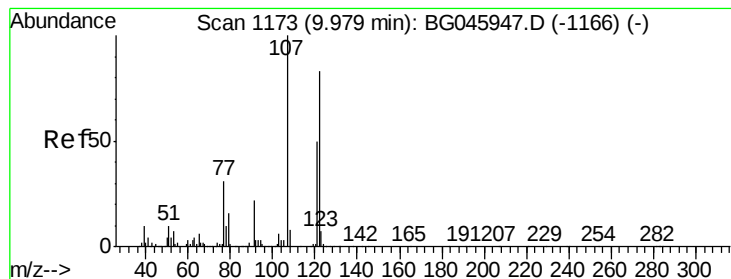
109 33.0 24.6 37.0

65 58.1 42.6 64.0



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: 50.053 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

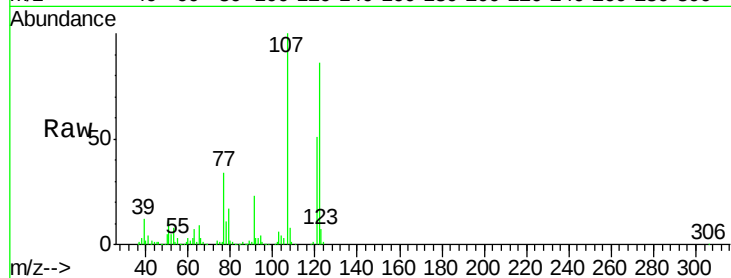
Tot Ion:122 Resp: 378746

Ion Ratio Lower Upper

122 100

107 115.6 95.6 143.4

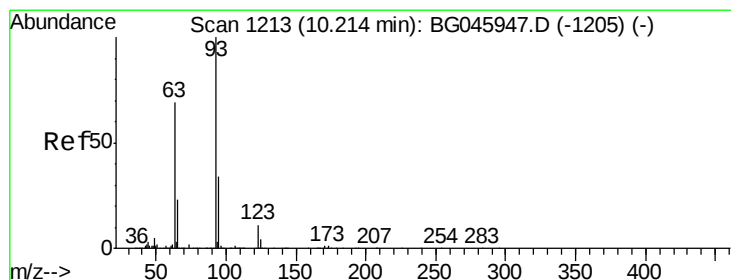
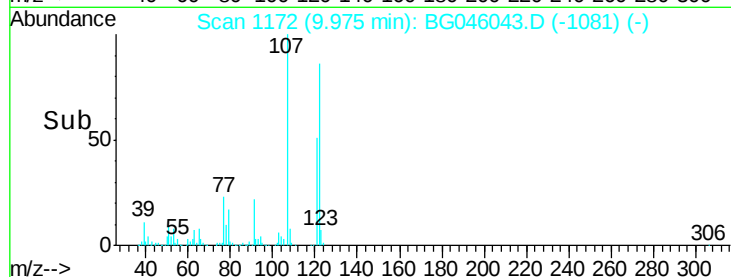
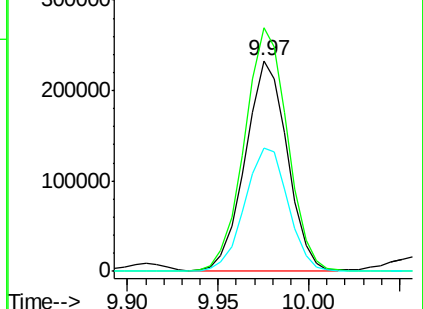
121 58.7 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.100 ng

RT: 10.21 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

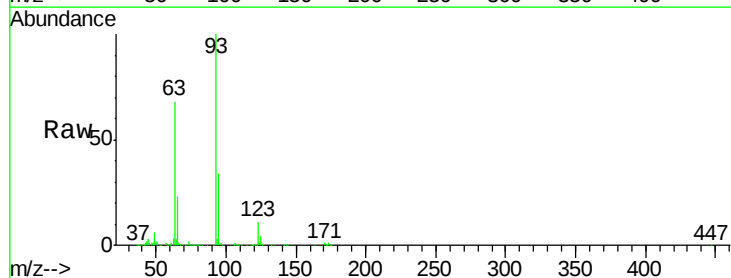
Tgt Ion: 93 Resp: 586142

Ion Ratio Lower Upper

93 100

95 33.7 27.5 41.3

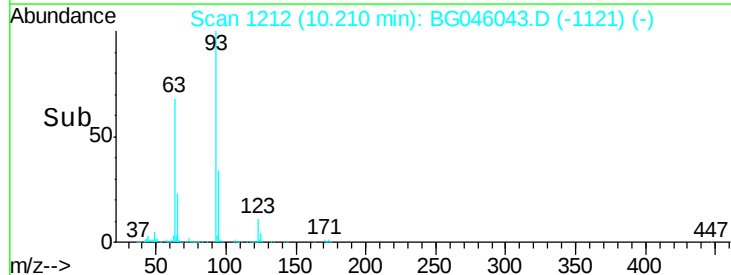
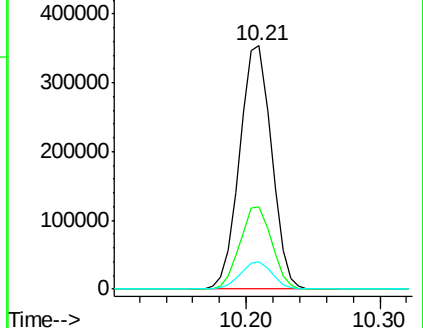
123 11.1 9.2 13.8

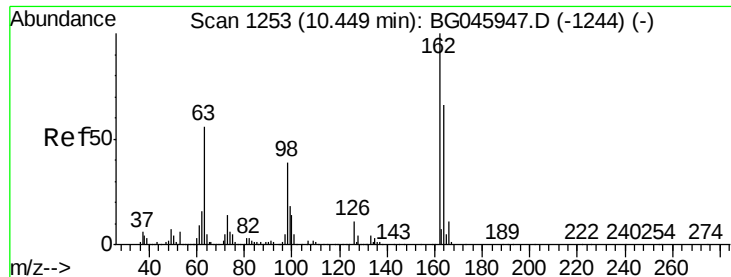


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

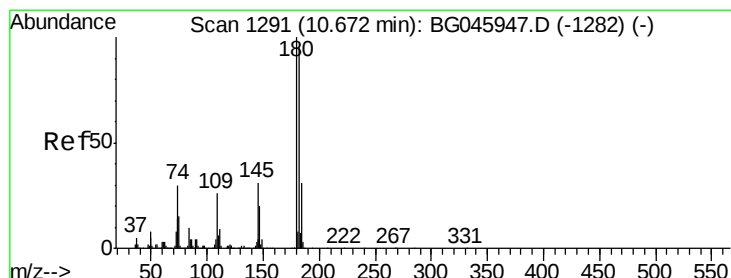
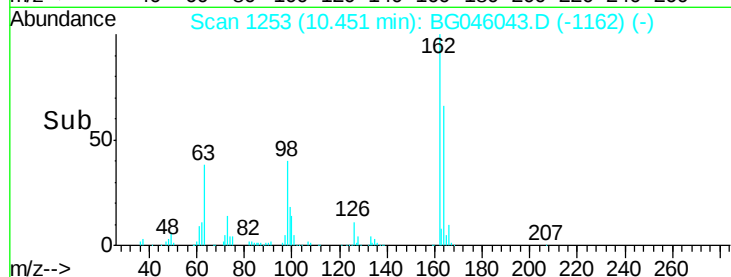
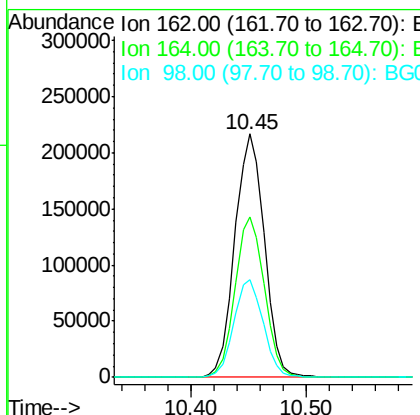
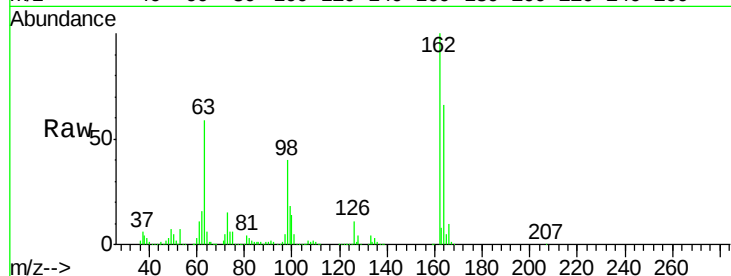




#29
 2,4-Dichlorophenol
 Concen: 49.096 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

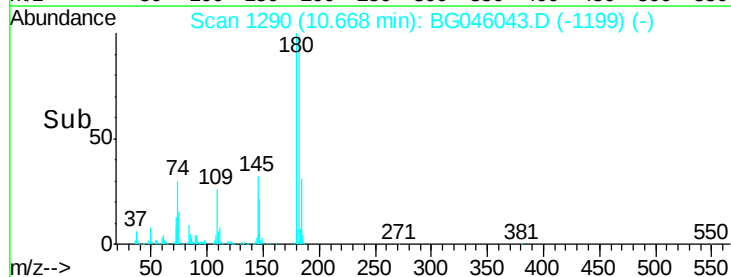
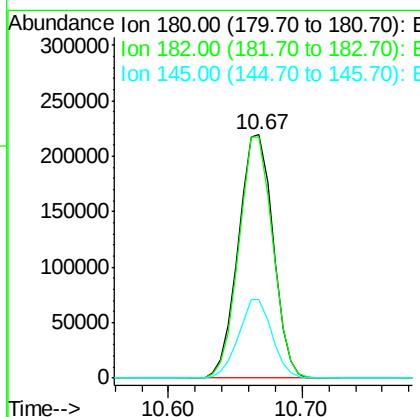
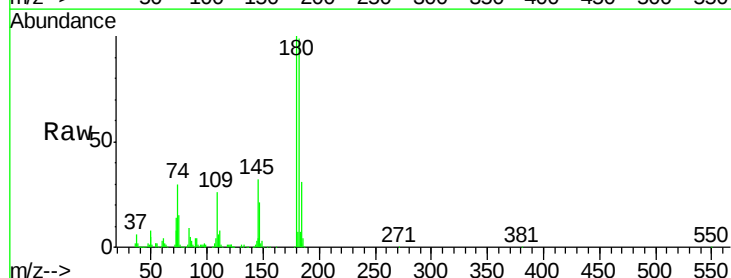
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

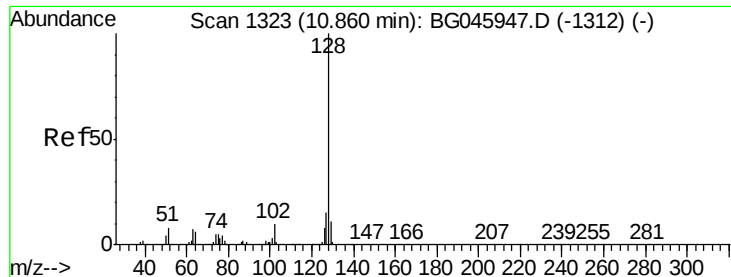
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.0	86.0
98	40.0	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.389 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.3	114.5
145	32.2	24.8	37.2

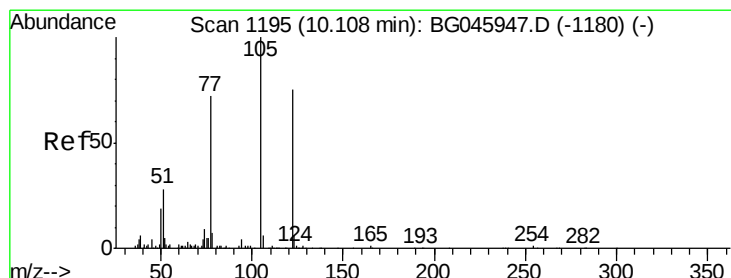
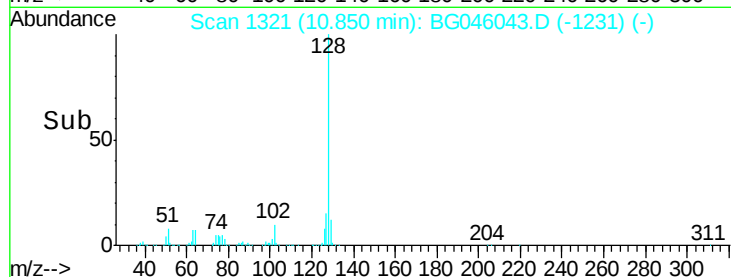
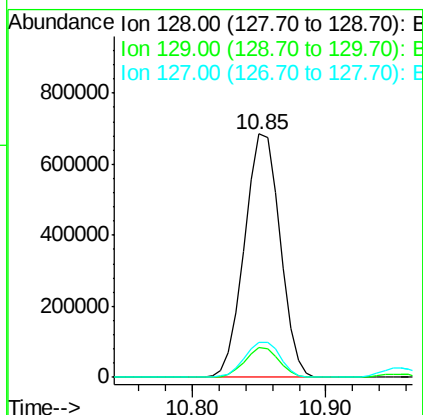
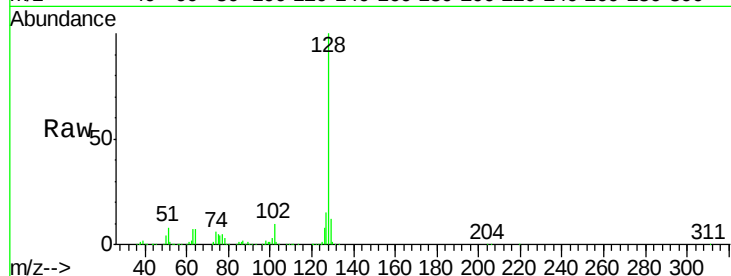




#31
Naphthalene
Concen: 46.908 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

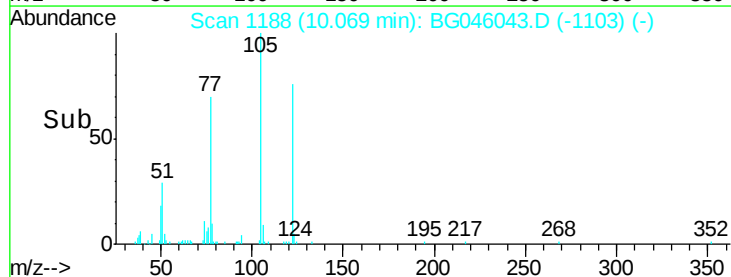
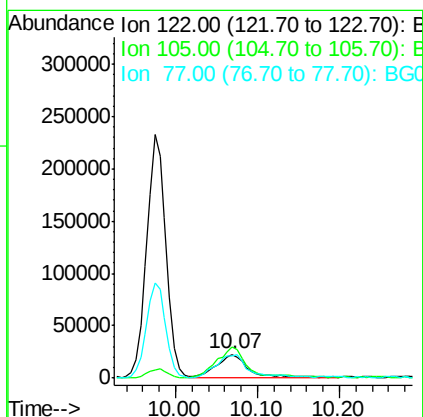
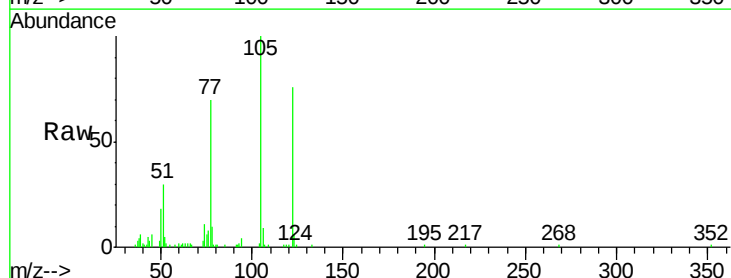
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

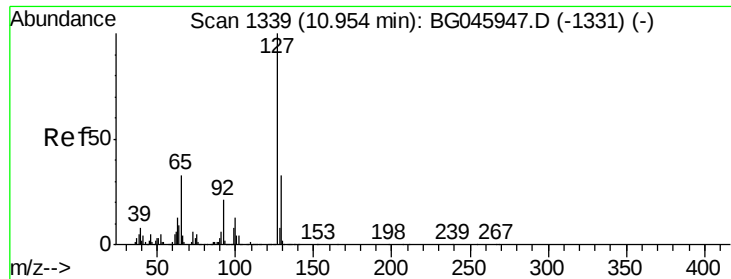
Tot Ion:128 Resp: 1260406
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 14.6 11.8 17.6



#32
Benzoic acid
Concen: 18.465 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:122 Resp: 63929
Ion Ratio Lower Upper
122 100
105 130.8 110.8 150.8
77 91.4 76.4 116.4

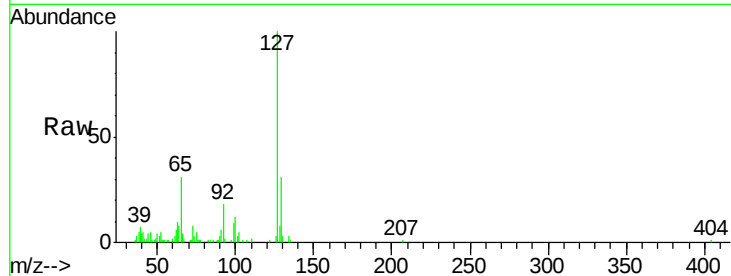




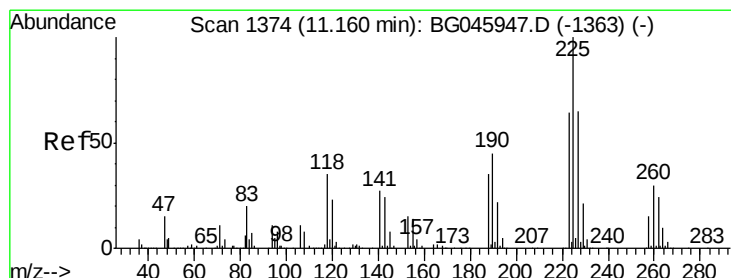
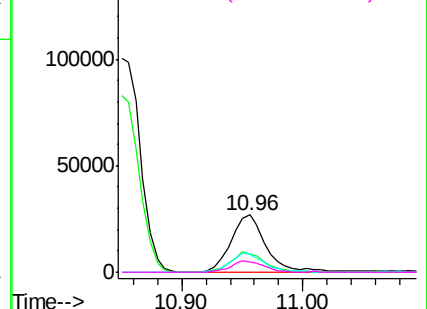
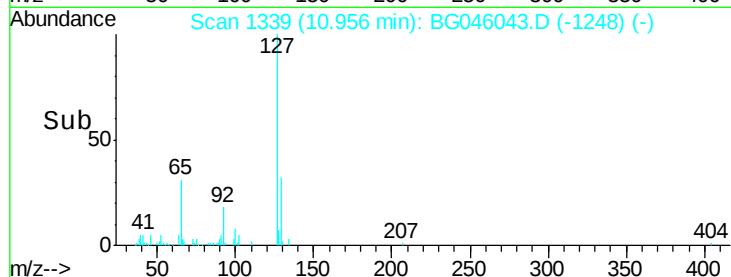
#33
4-Chloroaniline
Concen: 4.479 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion:	127	Resp:	53780
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	39.8
65	31.4	26.8	40.2
92	17.5	17.0	25.4

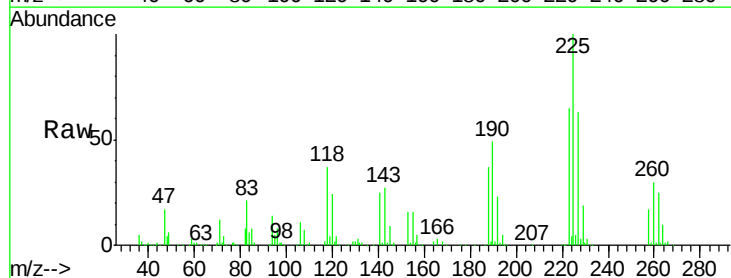


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

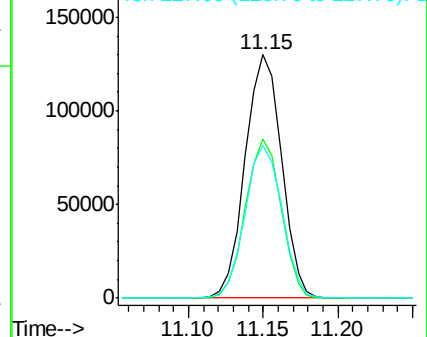
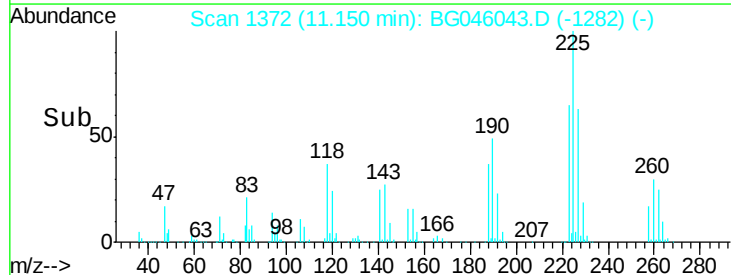


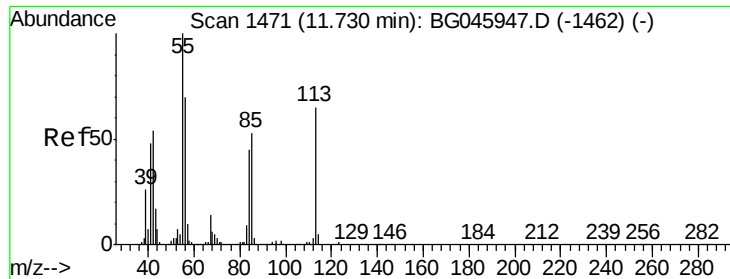
#34
Hexachlorobutadiene
Concen: 43.233 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:	225	Resp:	219094
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.2	76.8
227	62.9	52.3	78.5



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: 27.003 ng

RT: 11.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

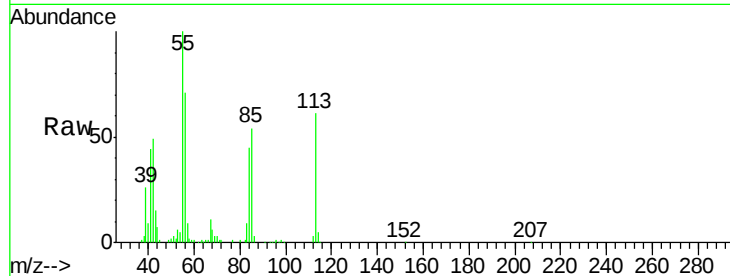
Tot Ion:113 Resp: 80308

Ion Ratio Lower Upper

113 100

55 165.1 141.6 181.6

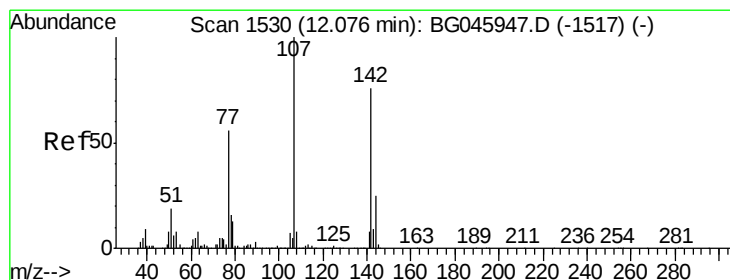
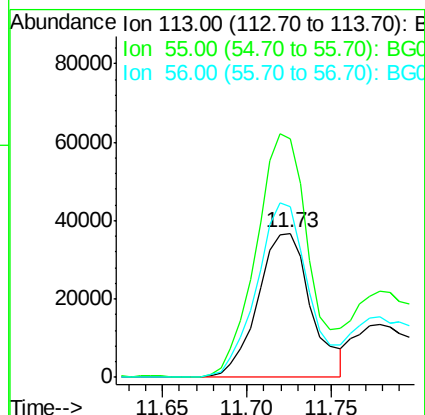
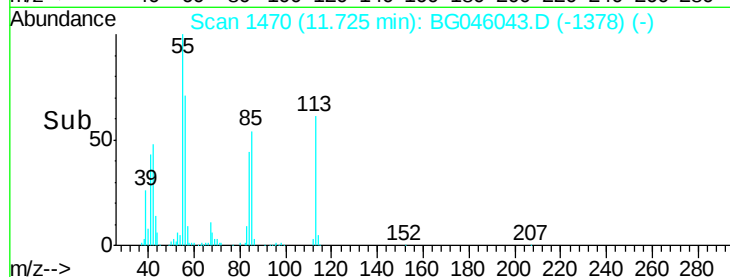
56 118.0 89.6 129.6



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: 49.755 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

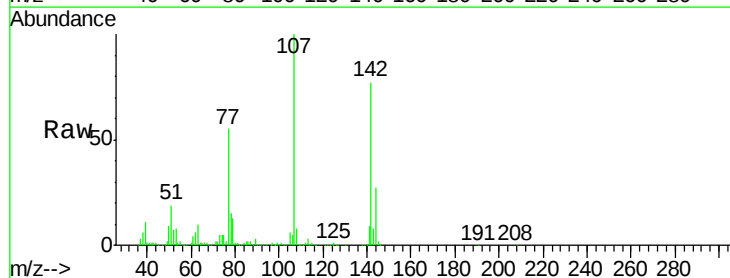
Tgt Ion:107 Resp: 443900

Ion Ratio Lower Upper

107 100

144 26.5 20.0 30.0

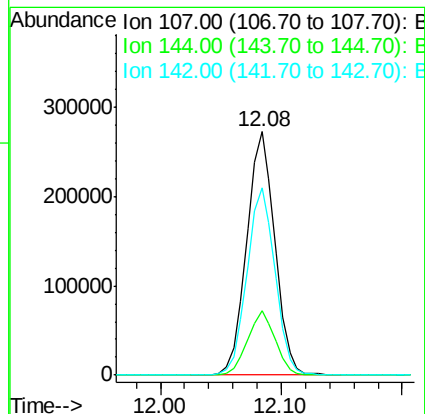
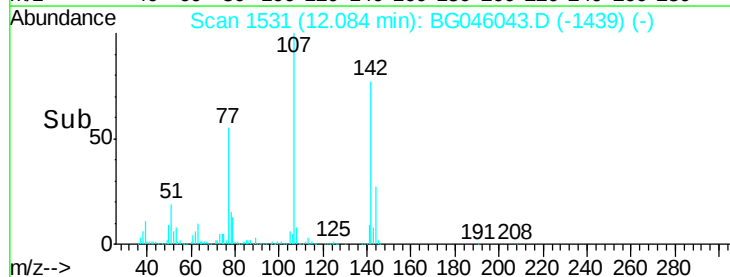
142 76.9 61.1 91.7

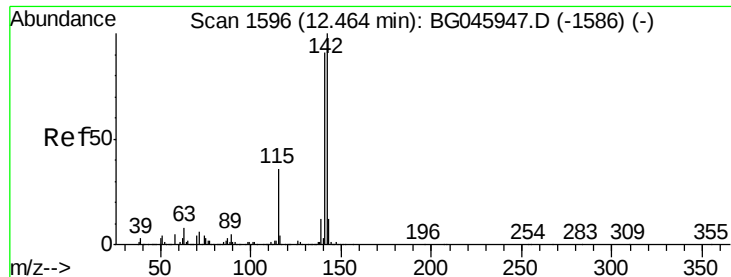


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

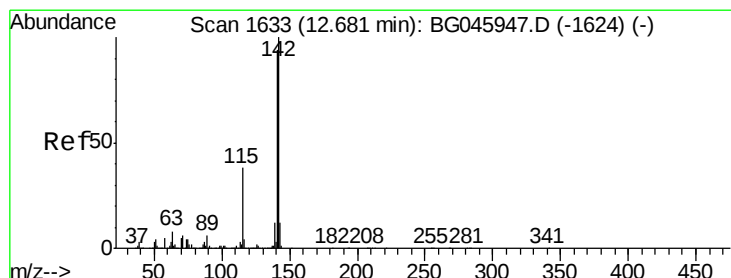
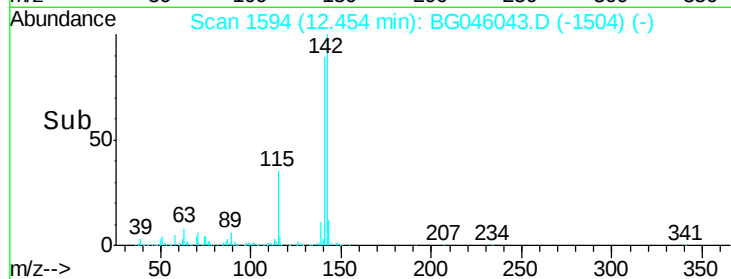
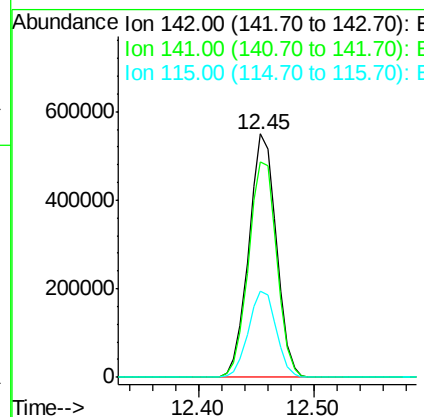
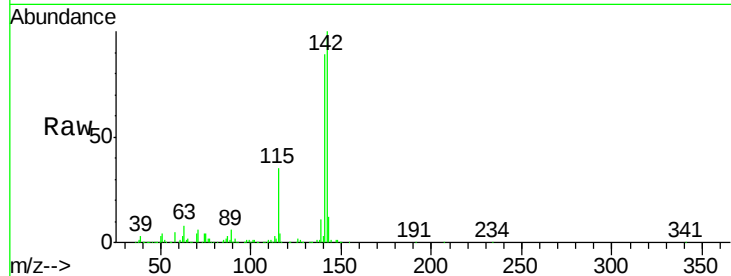




#37
2-Methylnaphthalene
Concen: 47.590 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

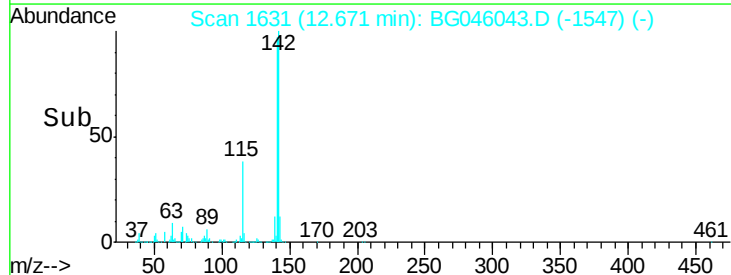
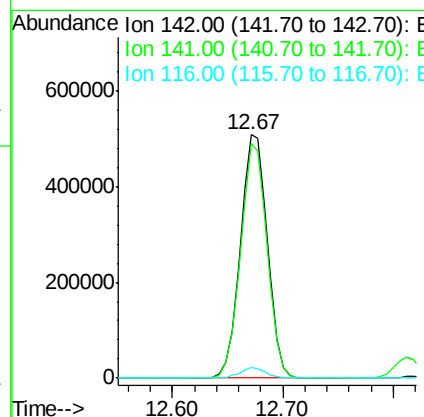
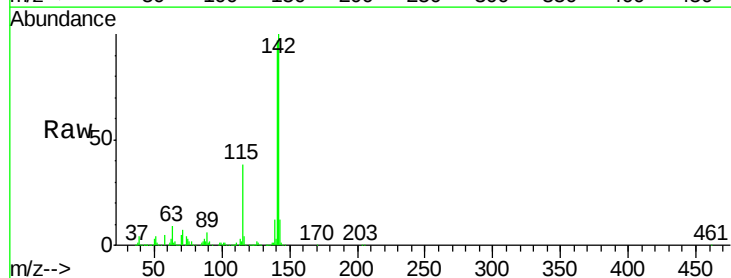
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

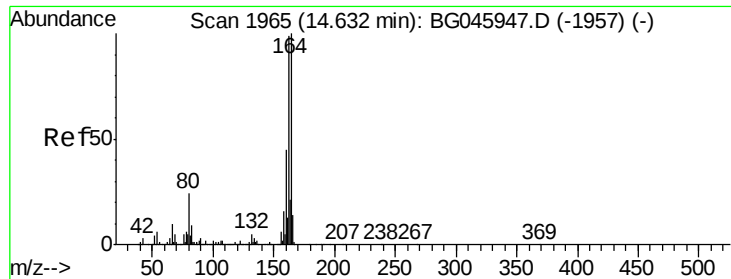
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.0	109.6
115	35.2	28.8	43.2



#38
1-Methylnaphthalene
Concen: 48.210 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	75.2	112.8
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

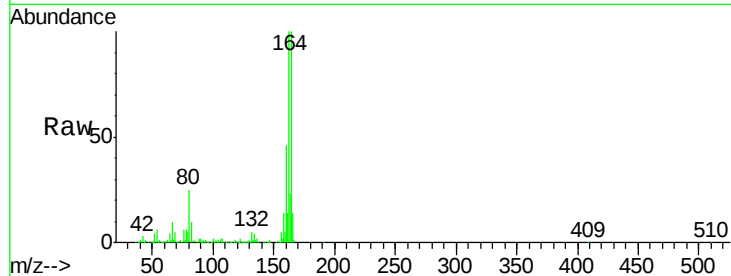
Tot Ion:164 Resp: 302752

Ion Ratio Lower Upper

164 100

162 100.2 79.3 118.9

160 46.0 35.7 53.5

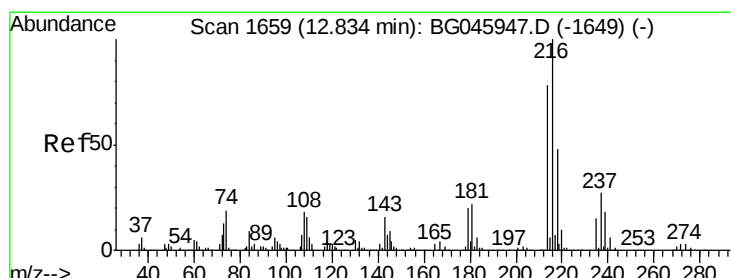
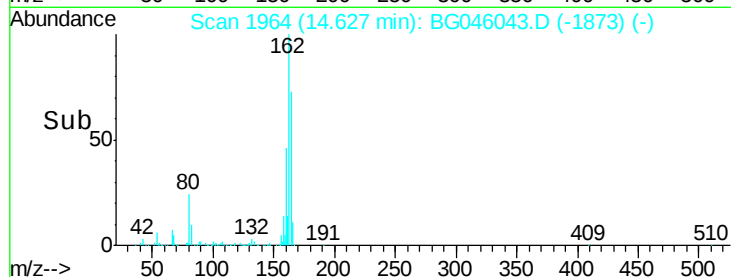
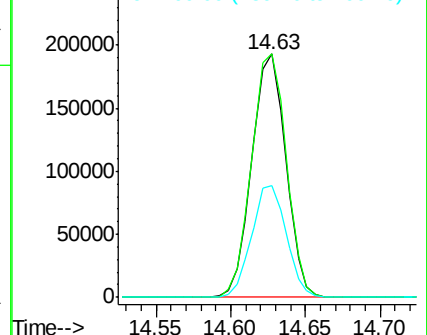


Abundance

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: 45.073 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:216 Resp: 384665

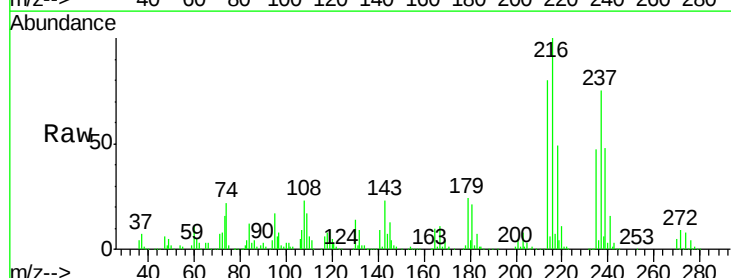
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 22.2 17.0 25.6

108 25.0 17.3 25.9



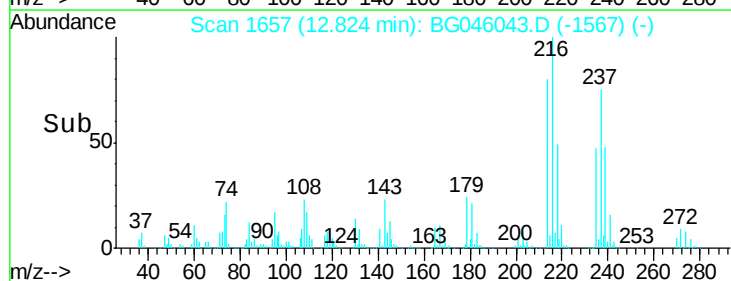
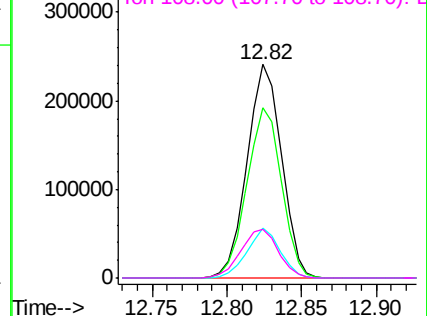
Abundance

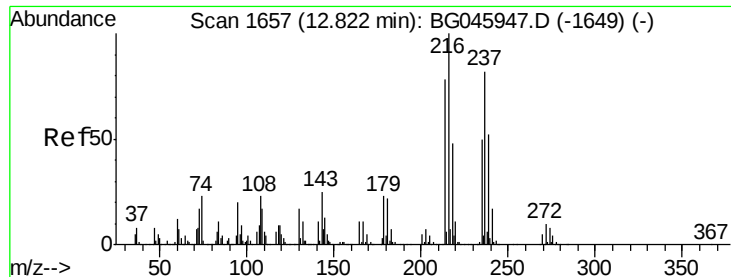
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.243 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

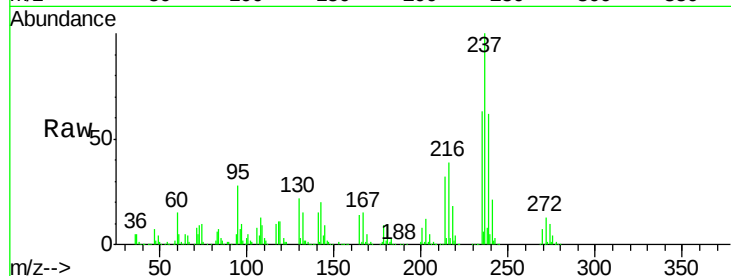
Tot Ion:237 Resp: 456988

Ion Ratio Lower Upper

237 100

235 63.4 41.5 81.5

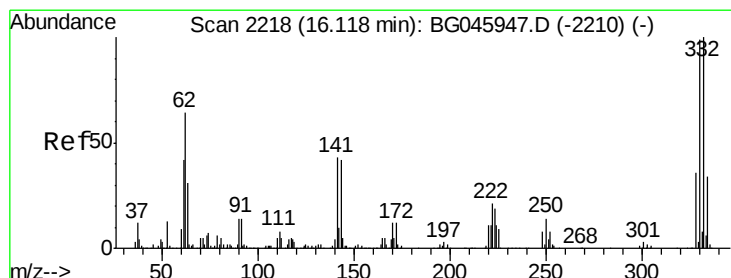
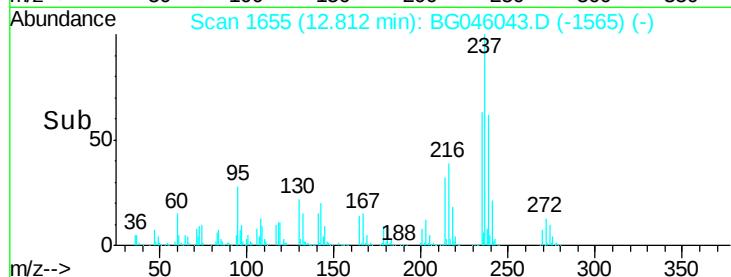
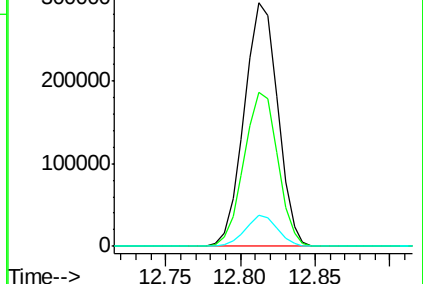
272 12.7 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.382 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

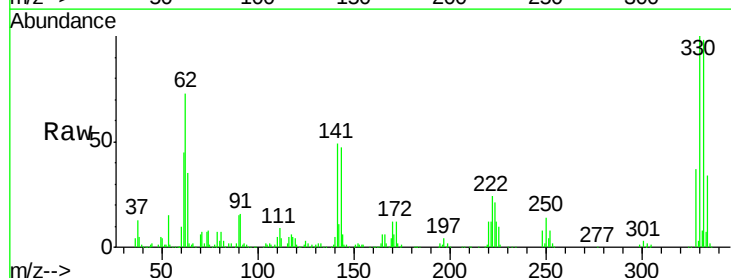
Tgt Ion:330 Resp: 357924

Ion Ratio Lower Upper

330 100

332 98.2 78.3 117.5

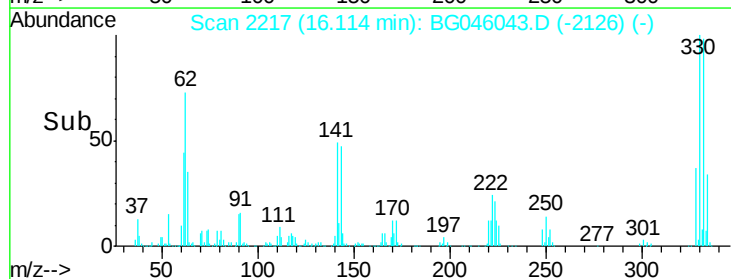
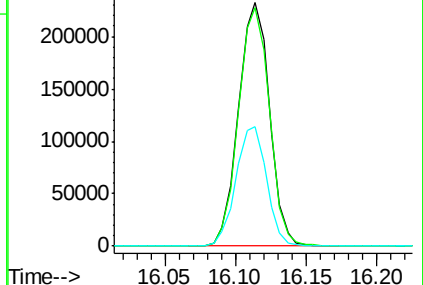
141 48.6 36.6 54.8

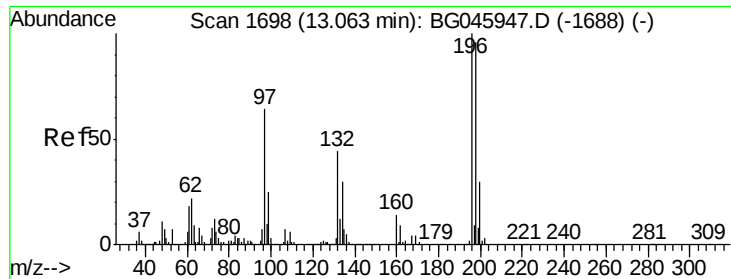


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

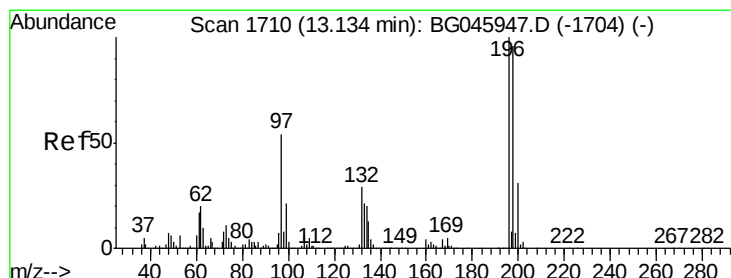
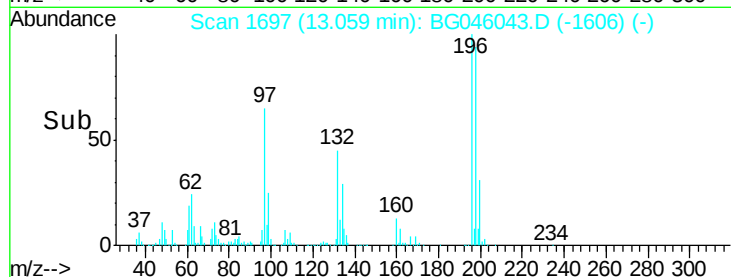
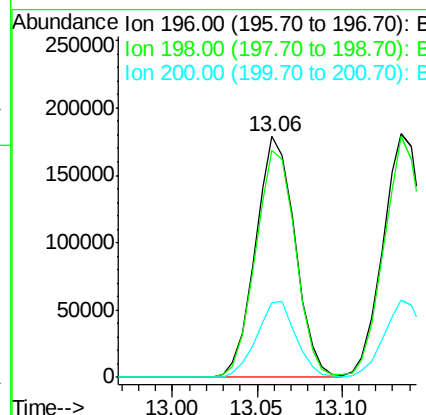
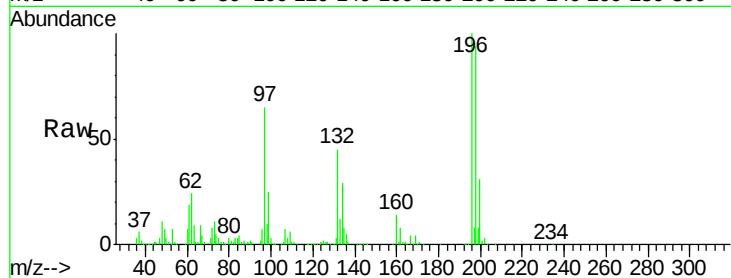




#43
 2,4,6-Trichlorophenol
 Concen: 50.226 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

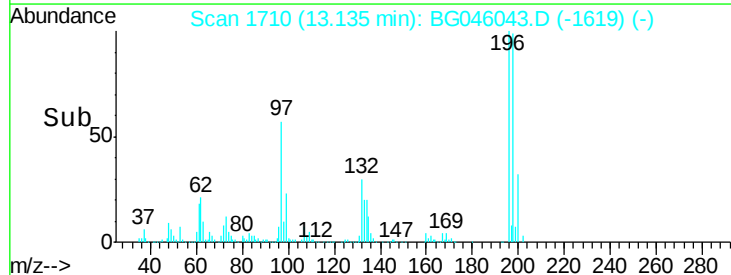
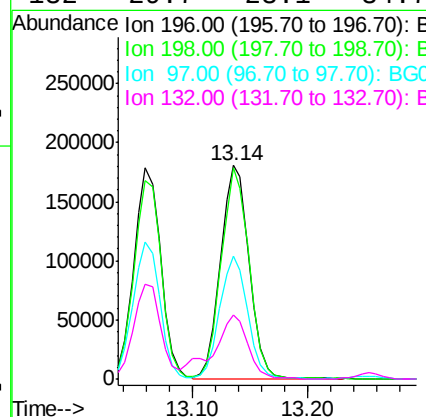
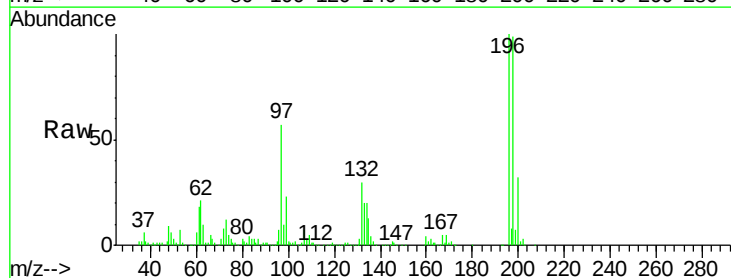
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

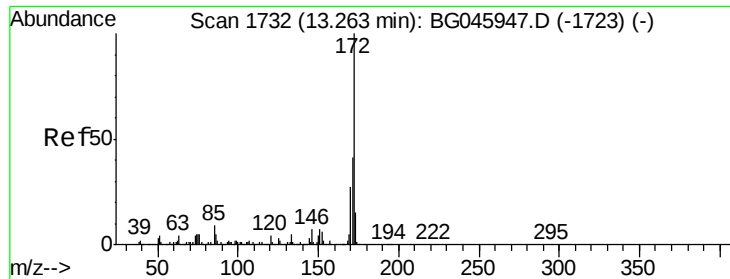
Tot Ion:196 Resp: 289896
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.7 115.1
 200 31.1 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.129 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion:196 Resp: 307558
 Ion Ratio Lower Upper
 196 100
 198 98.9 77.0 115.6
 97 57.4 44.3 66.5
 132 29.7 23.1 34.7

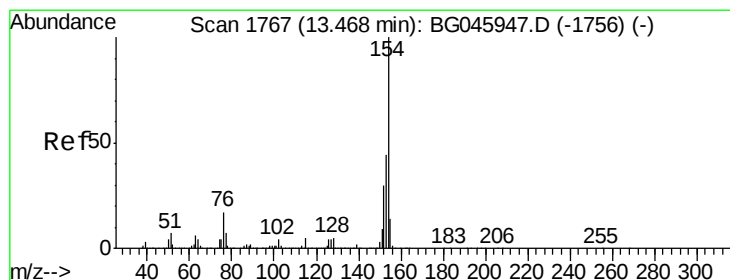
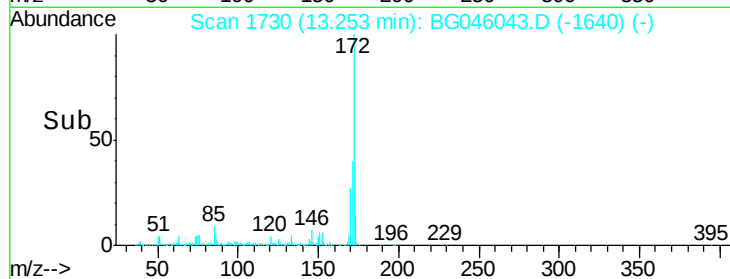
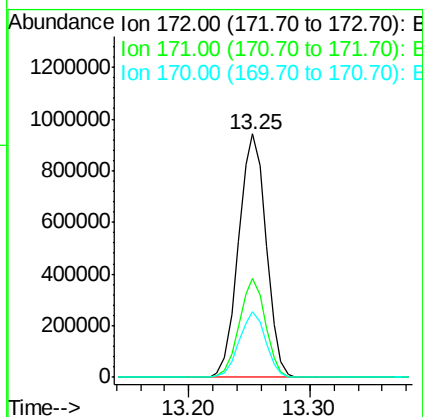
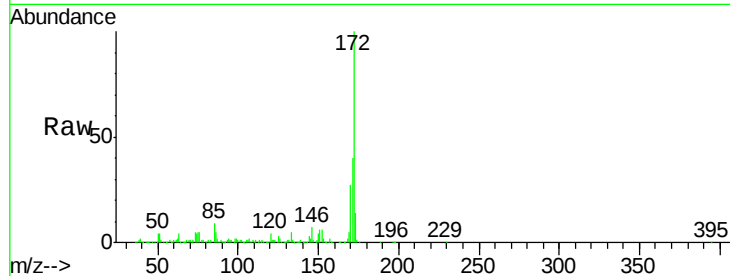




#45
2-Fluorobiphenyl
Concen: 77.076 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

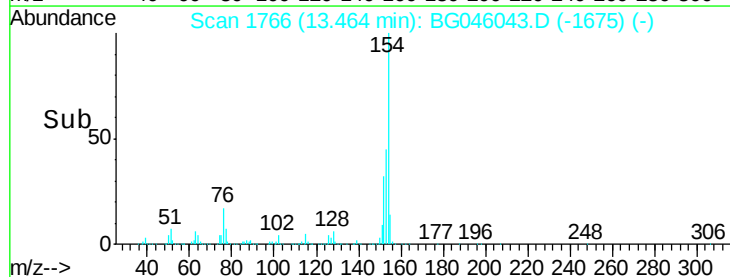
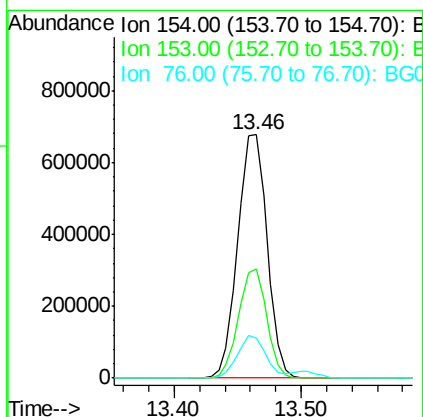
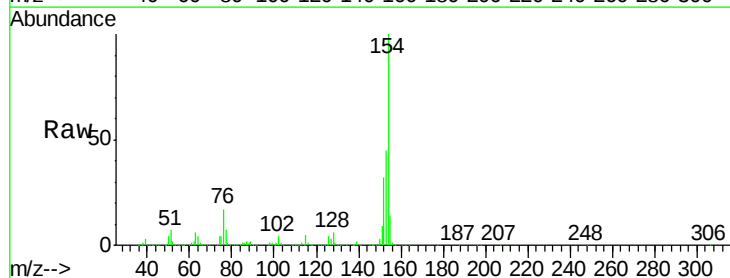
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

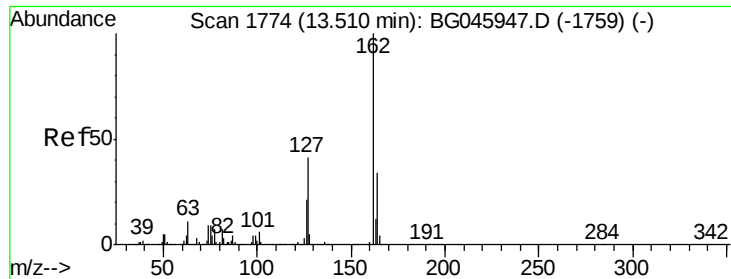
Tot Ion:172 Resp: 1495991
Ion Ratio Lower Upper
172 100
171 40.4 32.9 49.3
170 26.9 21.8 32.6



#46
1,1'-Biphenyl
Concen: 47.697 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:154 Resp: 1086289
Ion Ratio Lower Upper
154 100
153 44.9 23.6 63.6
76 16.7 0.0 36.9

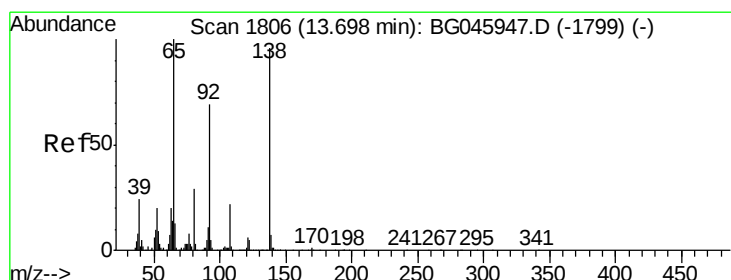
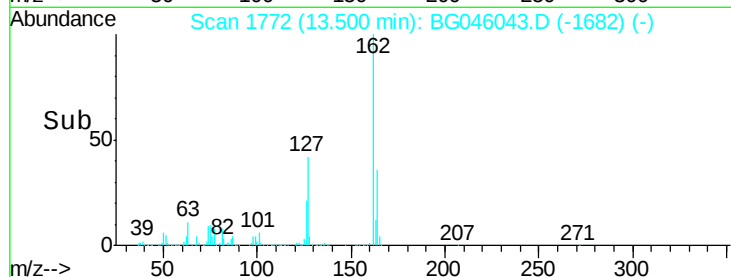
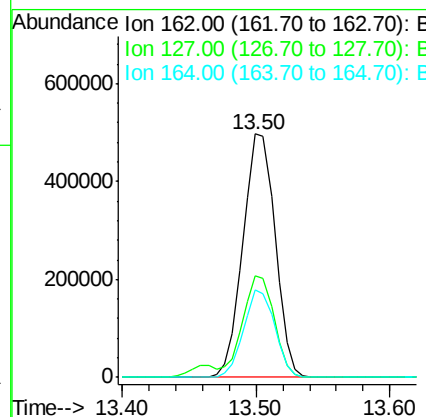
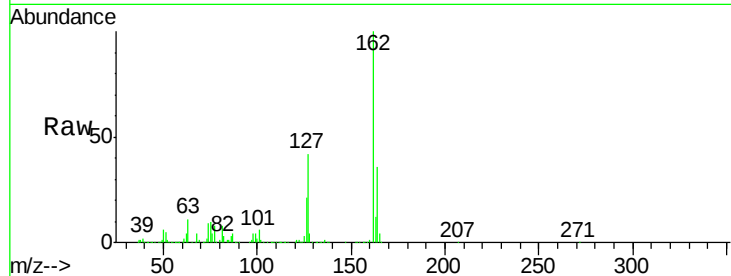




#47
2-Chloronaphthalene
Concen: 46.250 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

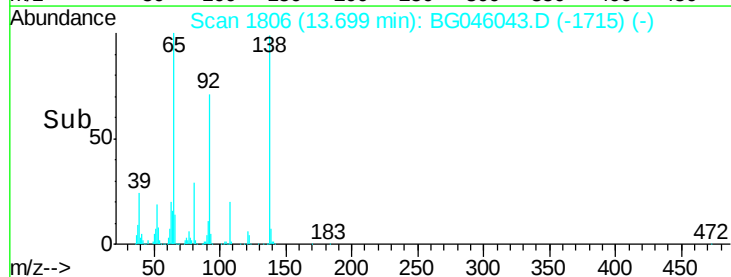
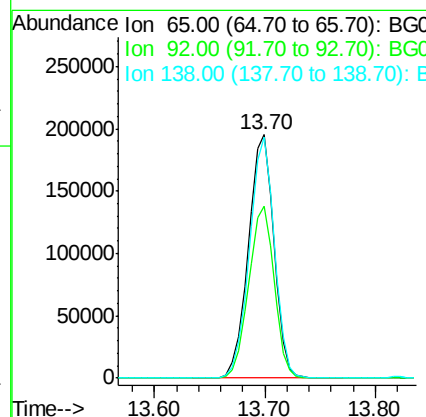
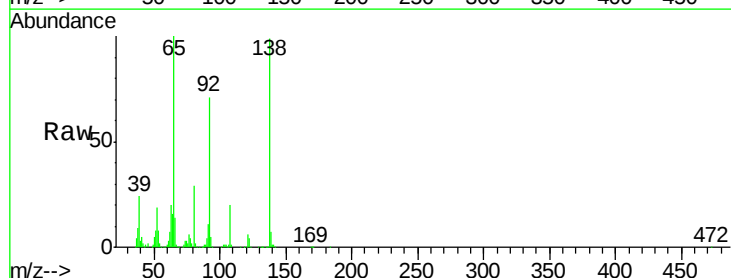
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

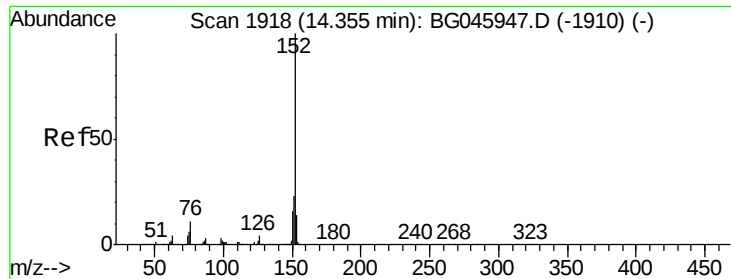
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.5	48.7
164	35.7	27.2	40.8



#48
2-Nitroaniline
Concen: 61.940 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	55.4	83.0
138	99.0	77.0	115.4





#49

Acenaphthylene

Concen: 46.942 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

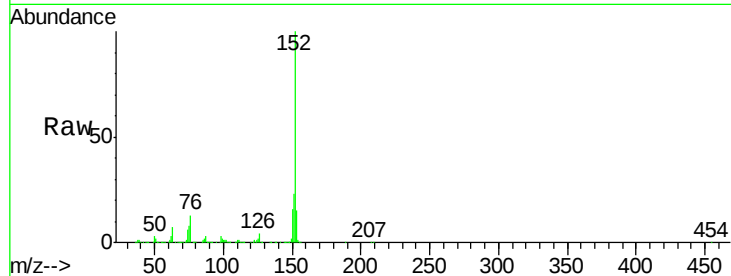
Tot Ion:152 Resp: 1360977

Ion Ratio Lower Upper

152 100

151 22.8 18.1 27.1

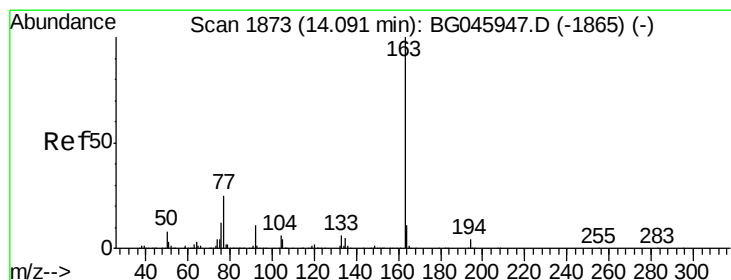
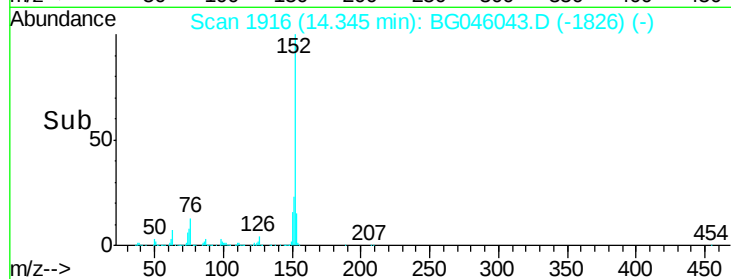
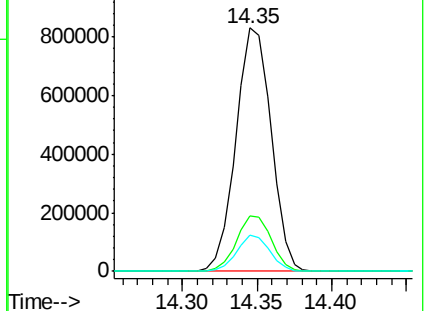
153 14.7 11.5 17.3



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: 47.965 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

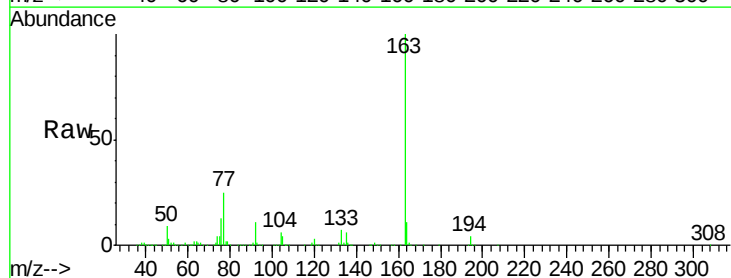
Tgt Ion:163 Resp: 1089812

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

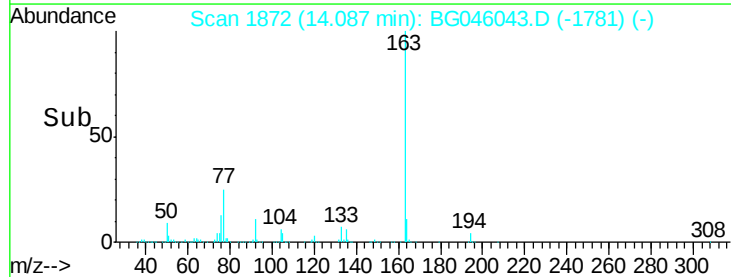
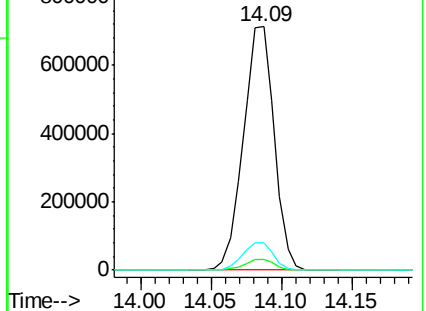
164 11.0 8.9 13.3

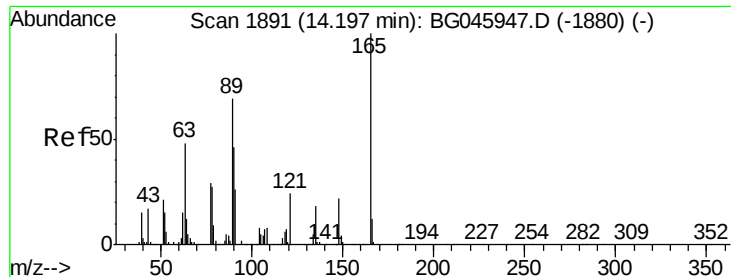


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

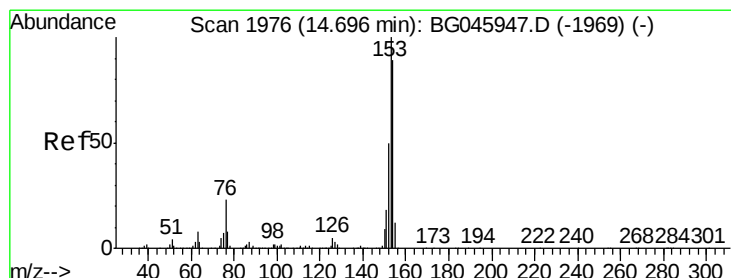
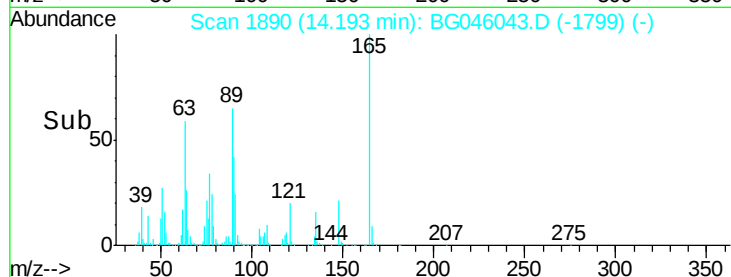
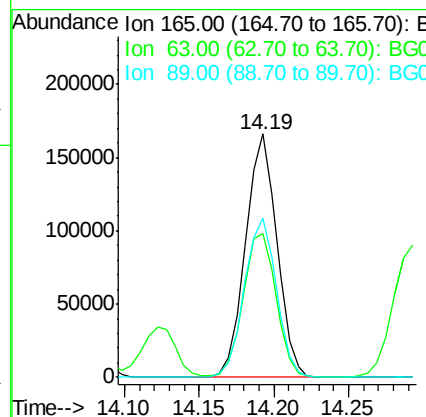
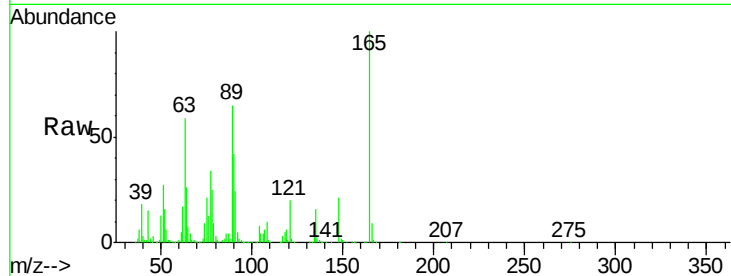




#51
2,6-Dinitrotoluene
Concen: 58.767 ng
RT: 14.19 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

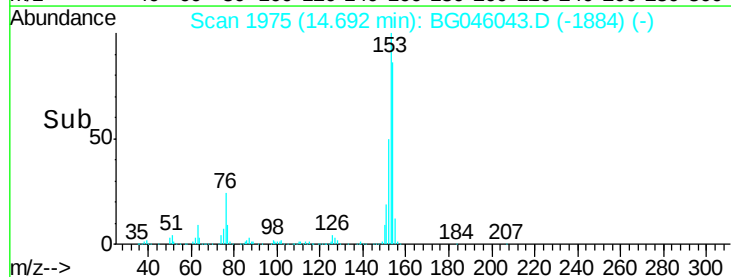
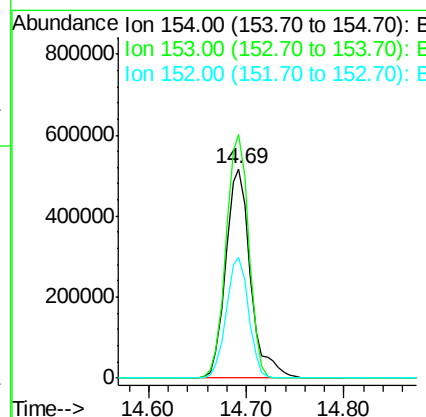
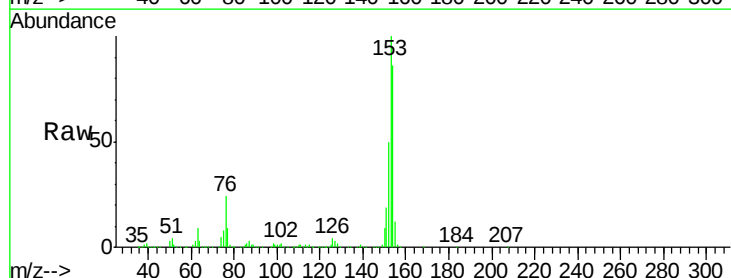
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

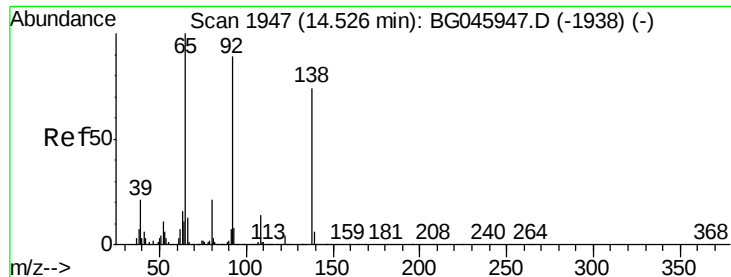
Tot Ion:165 Resp: 242060
Ion Ratio Lower Upper
165 100
63 58.9 51.0 76.4
89 65.5 55.7 83.5



#52
Acenaphthene
Concen: 49.624 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:154 Resp: 907493
Ion Ratio Lower Upper
154 100
153 116.2 89.7 134.5
152 57.8 44.7 67.1

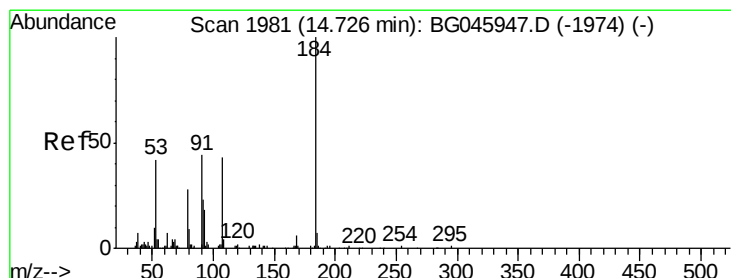
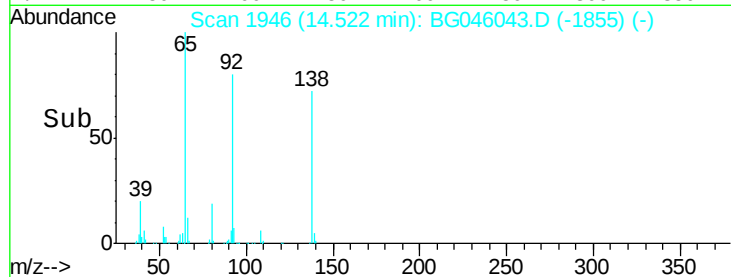
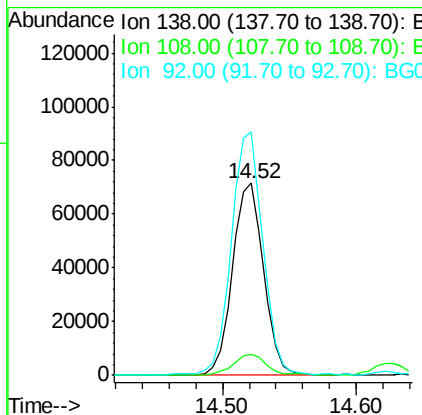
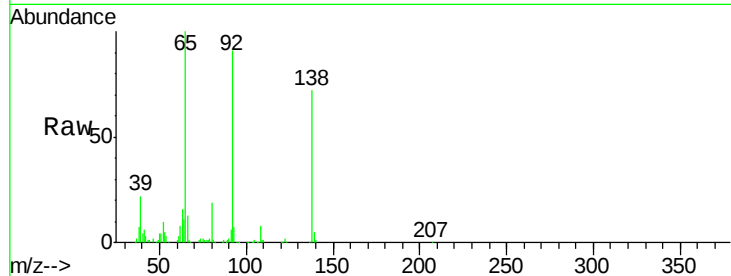




#53
 3-Nitroaniline
 Concen: 24.747 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

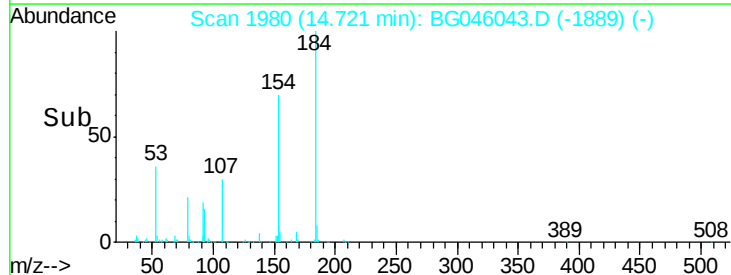
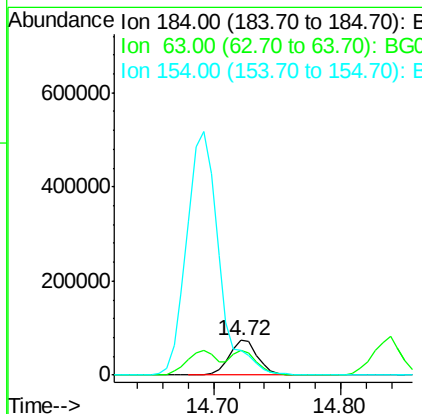
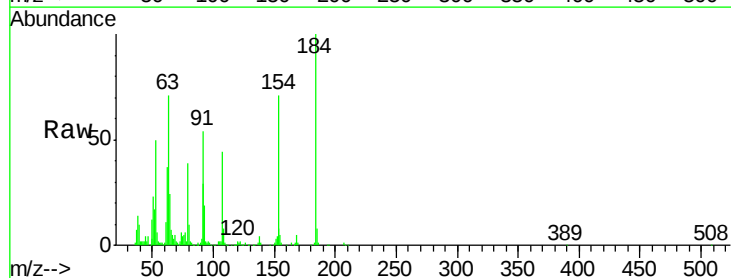
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

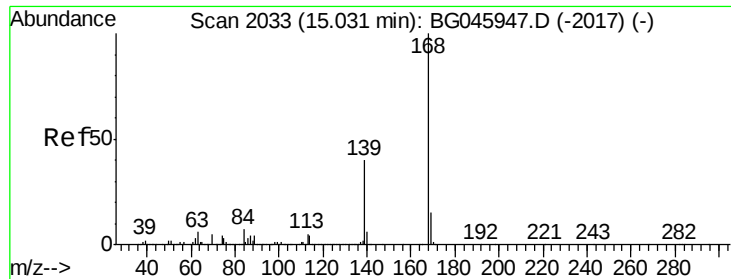
Tot Ion:138 Resp: 115715
 Ion Ratio Lower Upper
 138 100
 108 11.2 15.4 23.2#
 92 126.7 95.9 143.9



#54
 2,4-Dinitrophenol
 Concen: 76.655 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion:184 Resp: 116114
 Ion Ratio Lower Upper
 184 100
 63 70.7 46.0 69.0#
 154 70.7 58.2 87.2





#55

Dibenzofuran

Concen: 46.825 ng

RT: 15.03 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

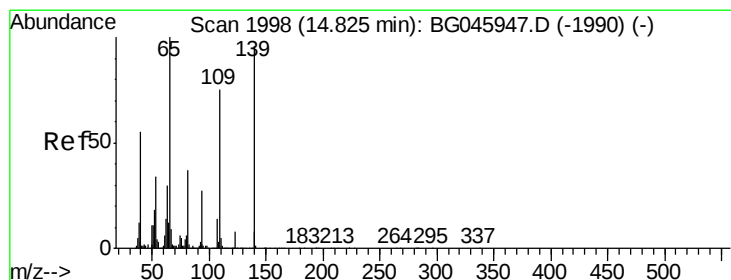
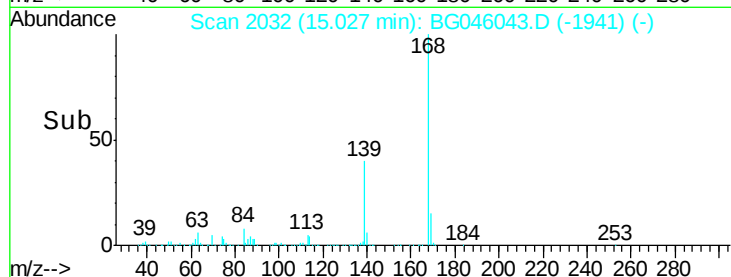
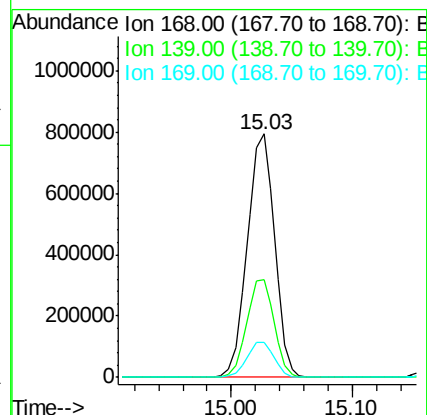
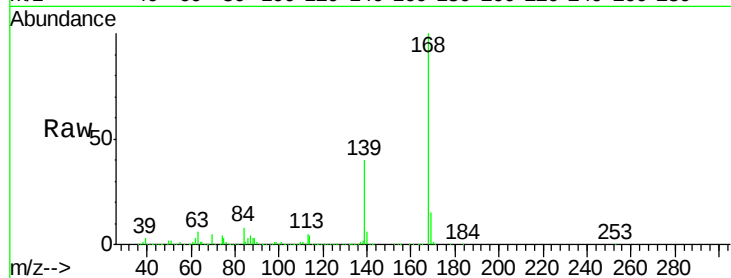
Tot Ion:168 Resp: 1255228

Ion Ratio Lower Upper

168 100

139 40.1 32.2 48.2

169 14.5 11.8 17.8



#56

4-Nitrophenol

Concen: 110.519 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

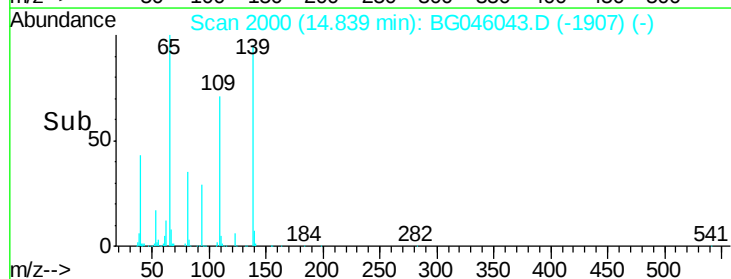
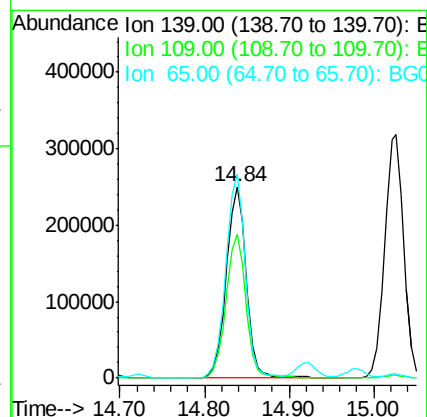
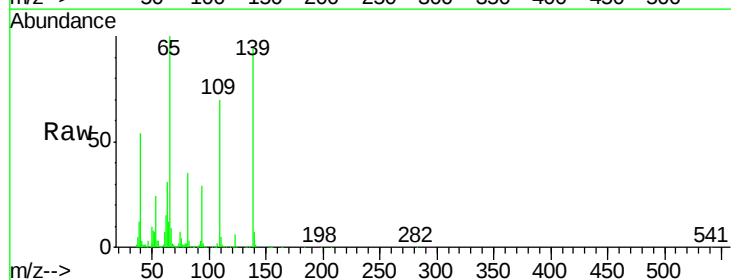
Tgt Ion:139 Resp: 409105

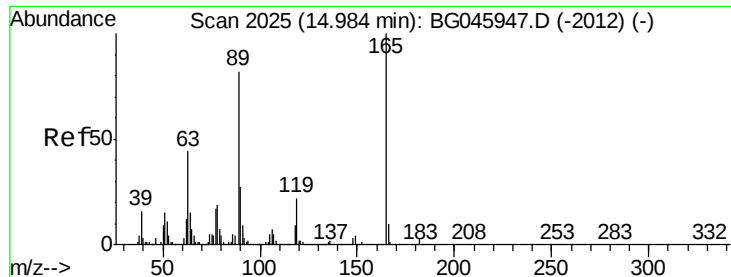
Ion Ratio Lower Upper

139 100

109 75.0 58.5 98.5

65 106.8 84.7 124.7

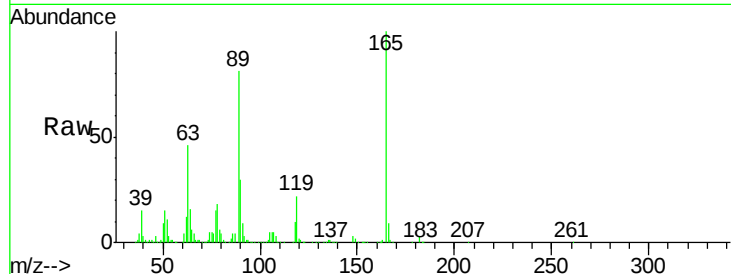




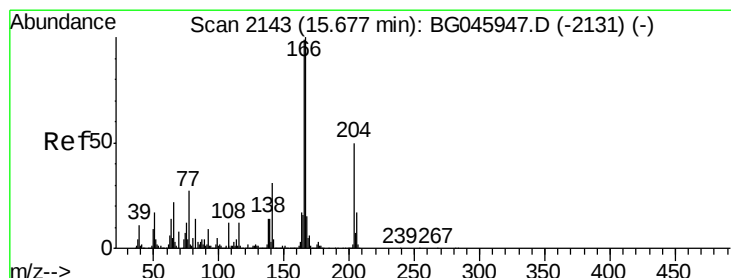
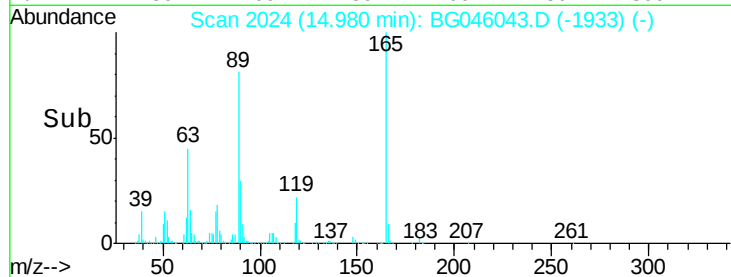
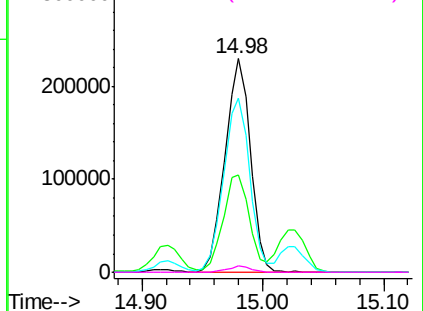
#57
2,4-Dinitrotoluene
Concen: 63.336 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion:165 Resp: 337512
Ion Ratio Lower Upper
165 100
63 45.6 35.4 53.0
89 81.3 65.4 98.2
182 2.7 2.0 3.0

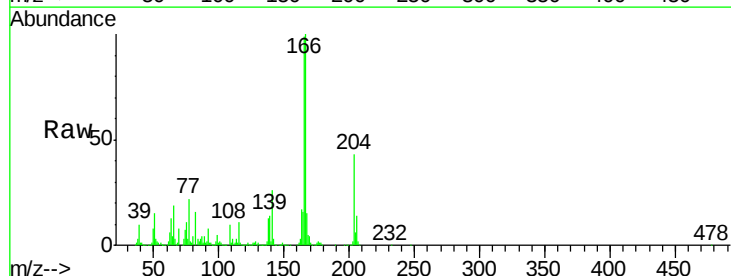


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

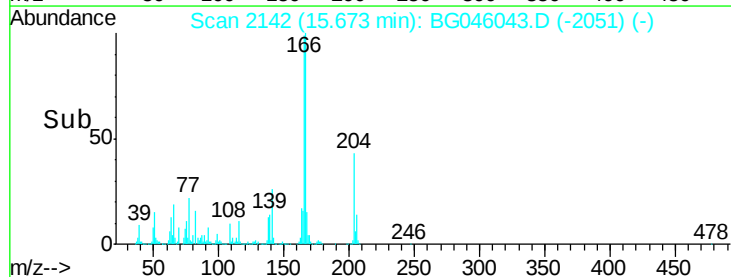
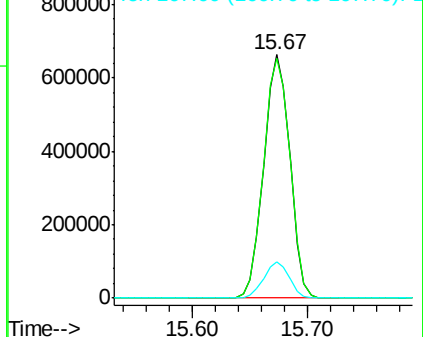


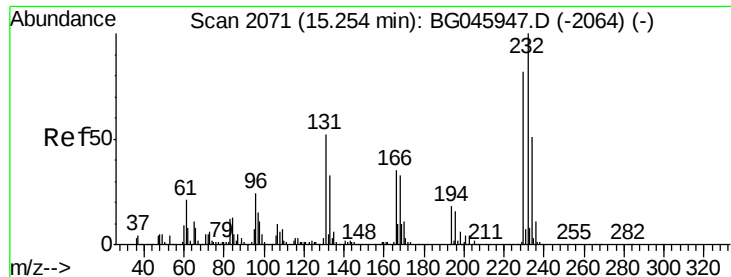
#58
Fluorene
Concen: 47.620 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:166 Resp: 1047193
Ion Ratio Lower Upper
166 100
165 98.7 78.9 118.3
167 15.0 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.807 ng

RT: 15.25 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

Tot Ion:232 Resp: 281187

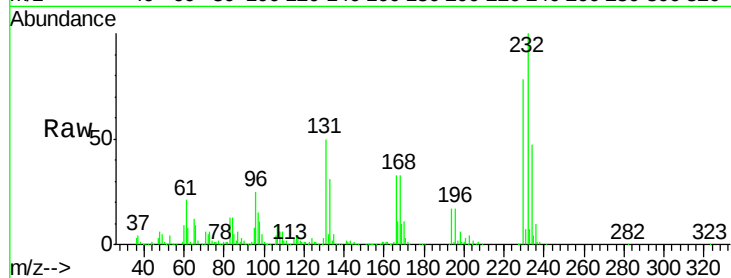
Ion Ratio Lower Upper

232 100

131 49.0 35.8 53.6

130 3.2 2.5 3.7

166 32.5 21.8 32.8

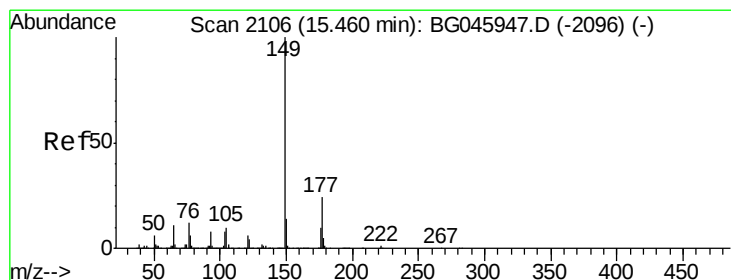
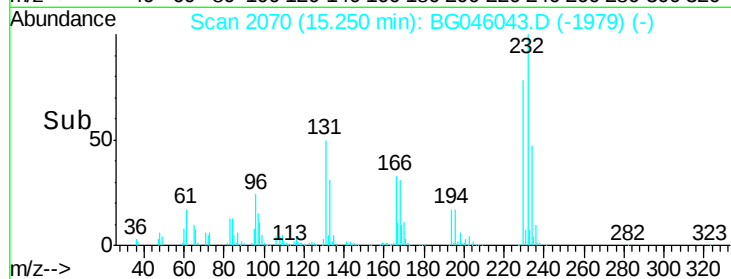
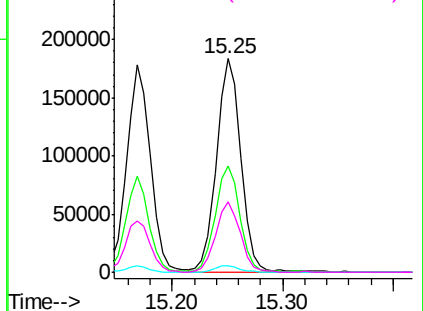


Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.198 ng

RT: 15.45 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

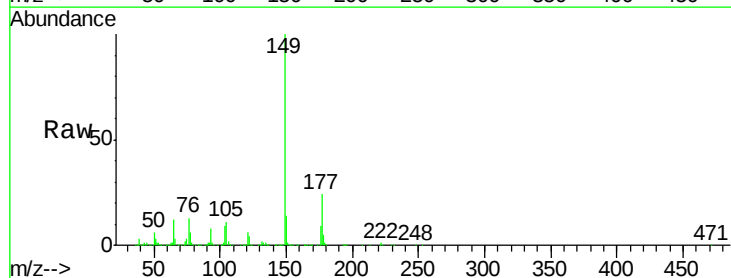
Tgt Ion:149 Resp: 1124632

Ion Ratio Lower Upper

149 100

177 24.1 19.0 28.4

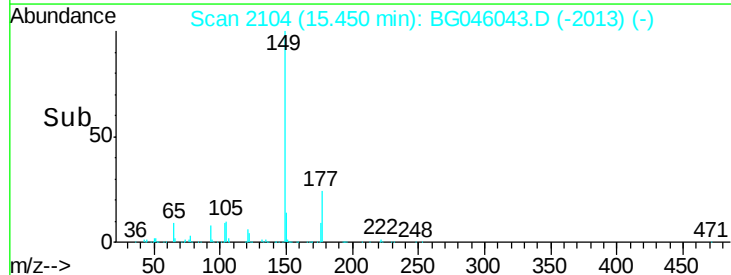
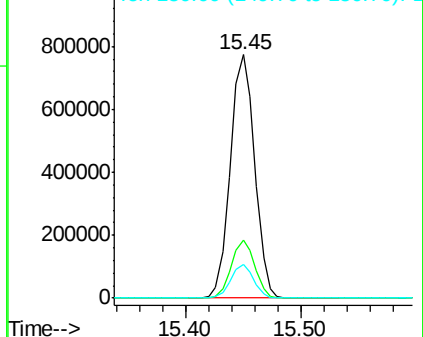
150 13.9 11.0 16.4

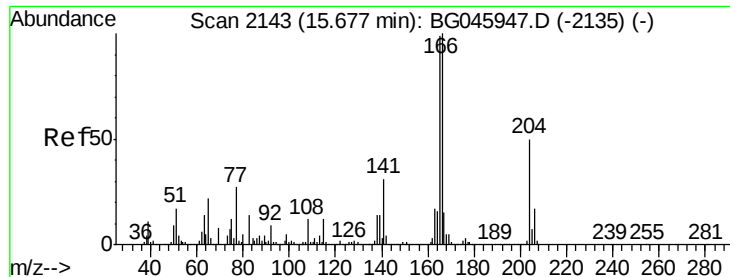


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

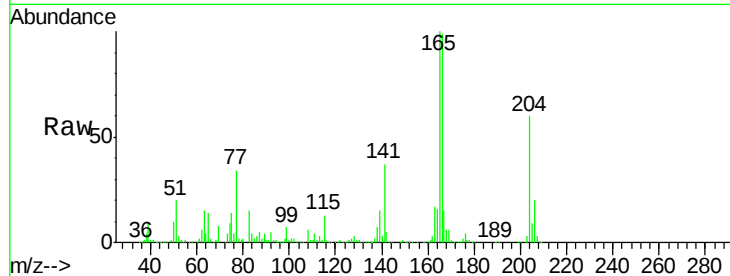




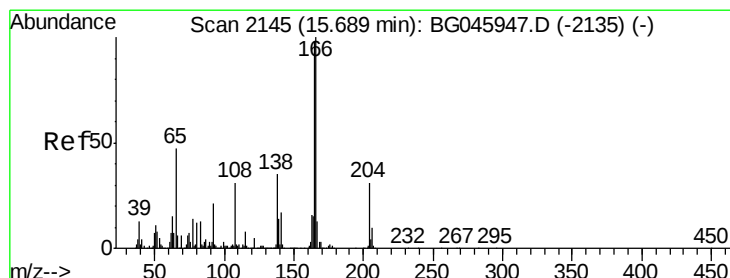
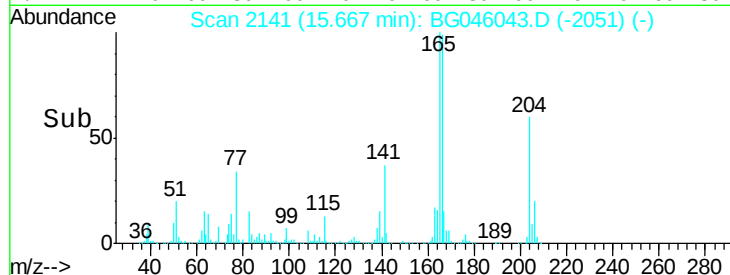
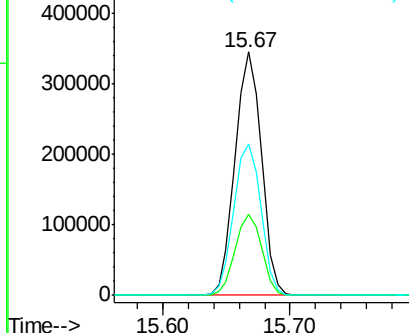
#61
4-Chlorophenyl-phenylether
Concen: 45.347 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion:204 Resp: 496117
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 62.1 49.8 74.8

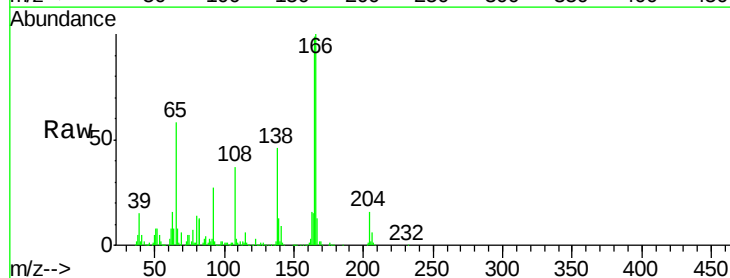


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

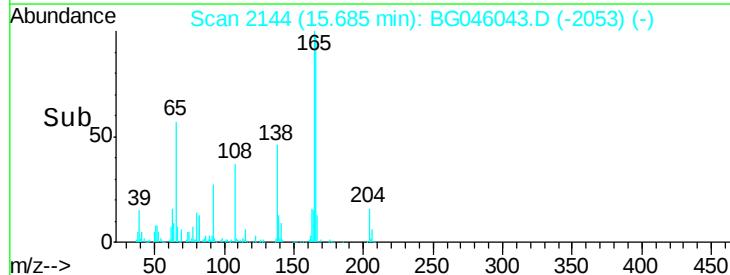
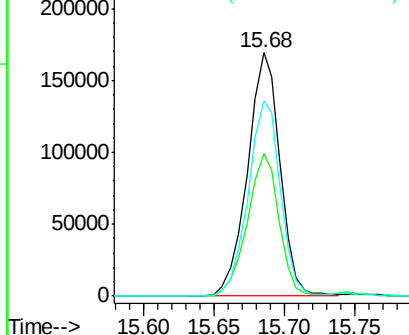


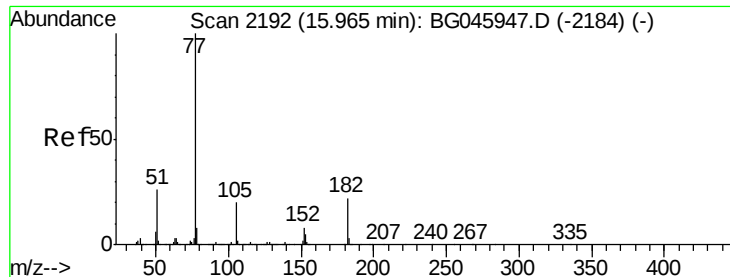
#62
4-Nitroaniline
Concen: 58.230 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:138 Resp: 273445
Ion Ratio Lower Upper
138 100
92 58.7 40.3 80.3
108 80.0 68.0 108.0



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

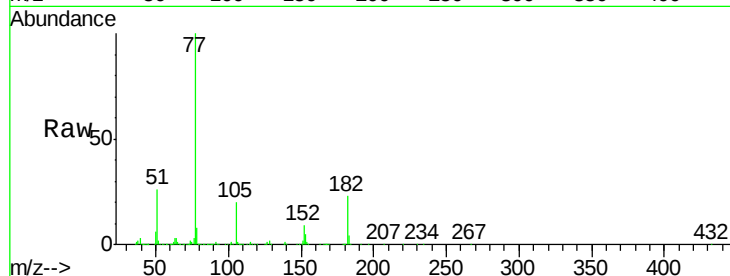




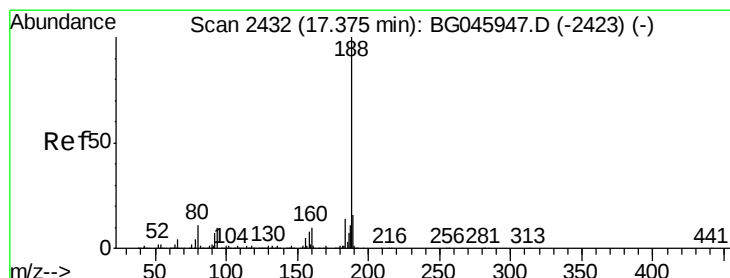
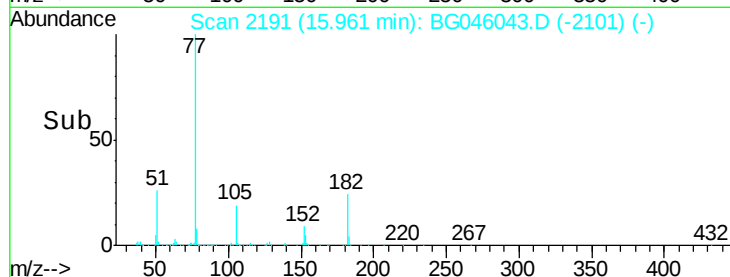
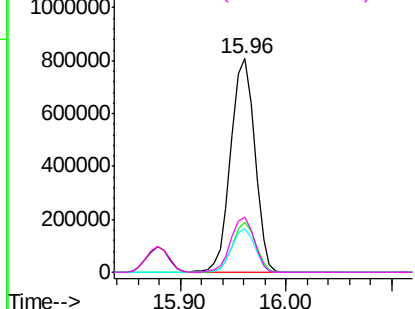
#63
Azobenzene
Concen: 49.518 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion: 77 Resp: 1266409
Ion Ratio Lower Upper
77 100
182 23.4 2.4 42.4
105 20.4 0.3 40.3
51 26.0 6.3 46.3

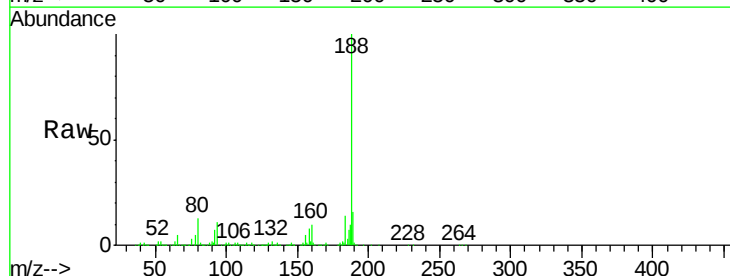


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

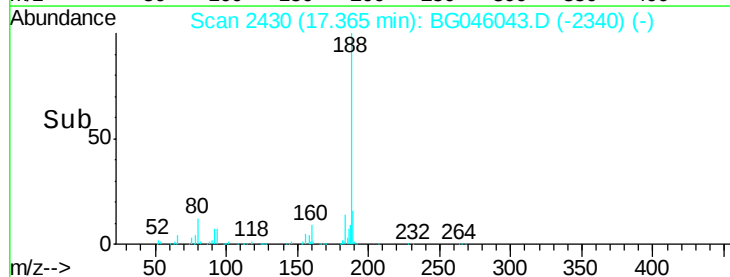
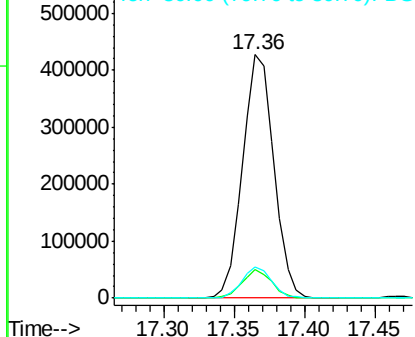


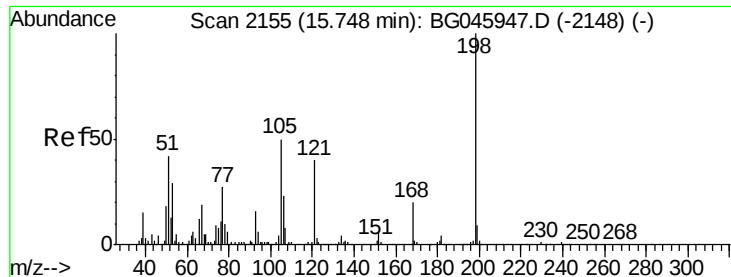
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion: 188 Resp: 661581
Ion Ratio Lower Upper
188 100
94 11.5 8.2 12.4
80 12.7 9.0 13.6



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

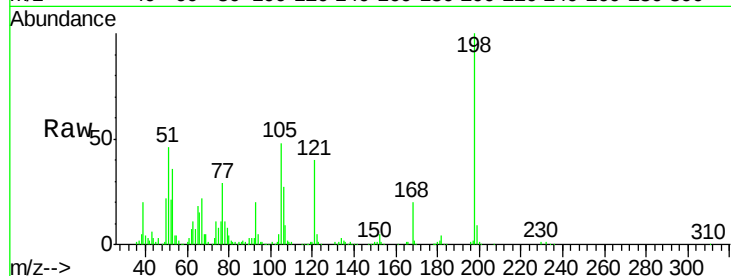




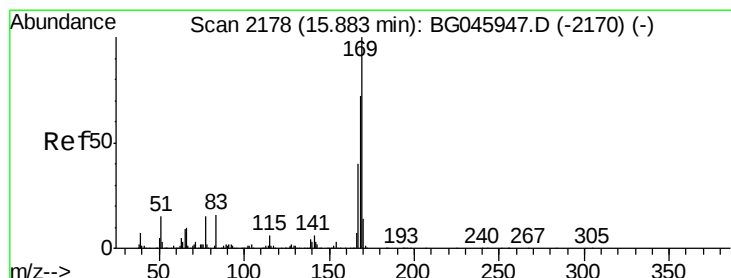
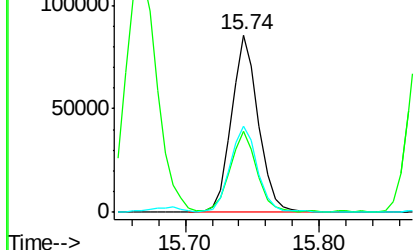
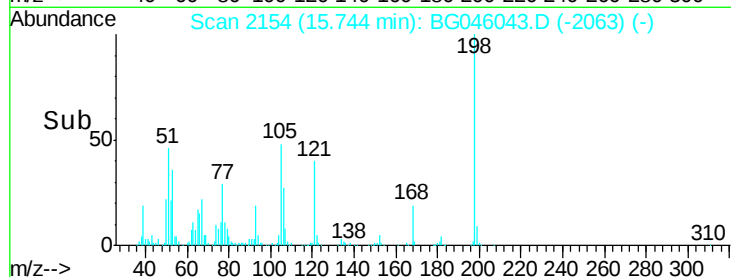
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.951 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion:198 Resp: 119825
 Ion Ratio Lower Upper
 198 100
 51 45.6 24.5 64.5
 105 48.4 30.9 70.9

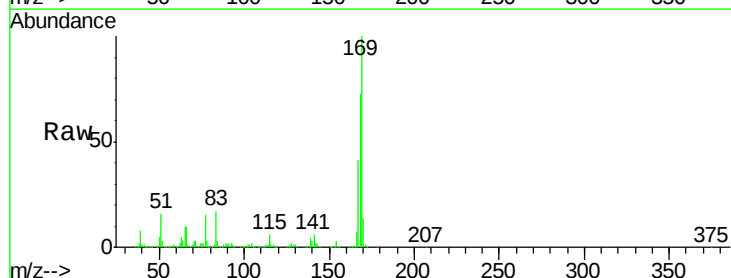


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

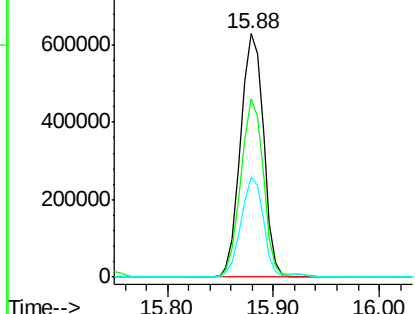
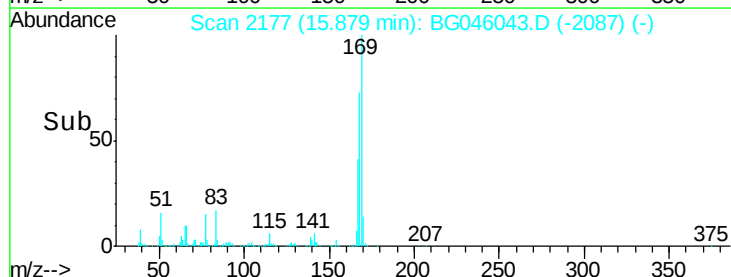


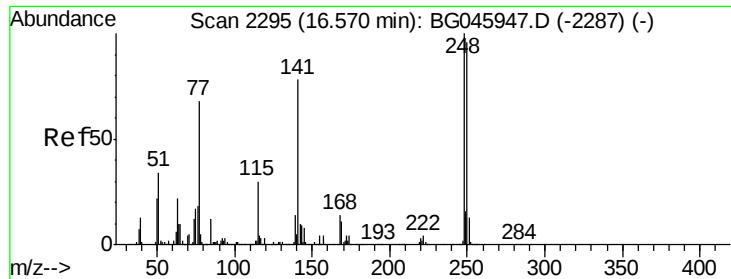
#66
 n-Nitrosodiphenylamine
 Concen: 46.057 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion:169 Resp: 944229
 Ion Ratio Lower Upper
 169 100
 168 73.4 57.3 85.9
 167 41.4 32.1 48.1



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

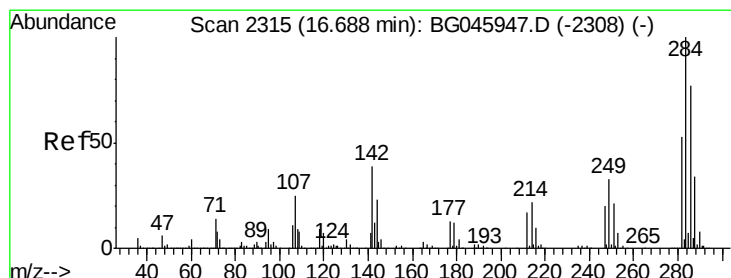
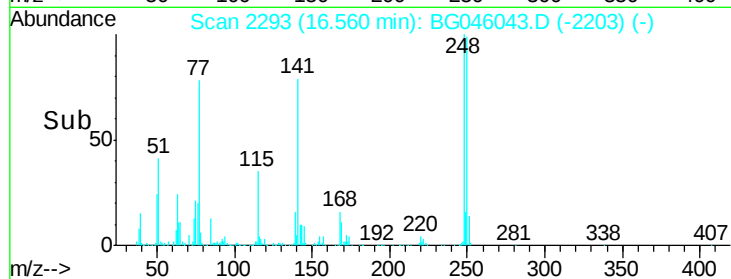
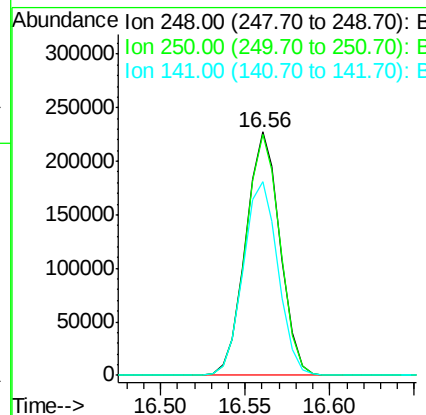
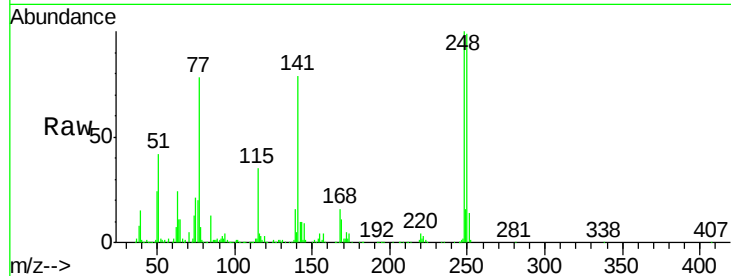




#67
 4-Bromophenyl-phenylether
 Concen: 43.276 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

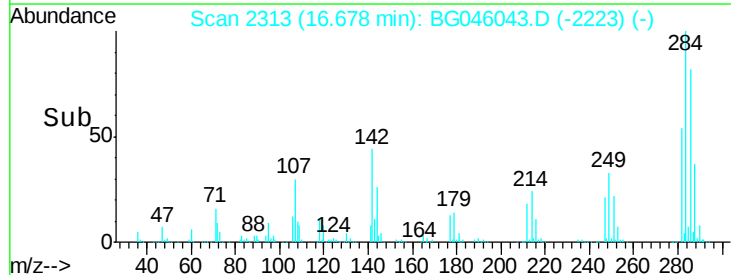
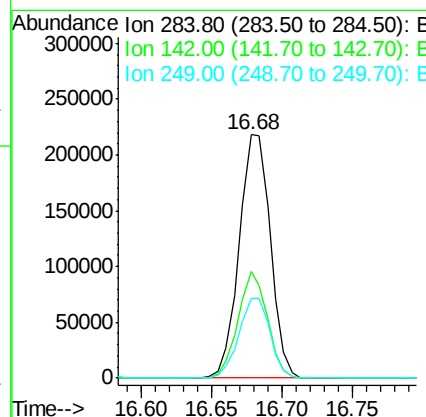
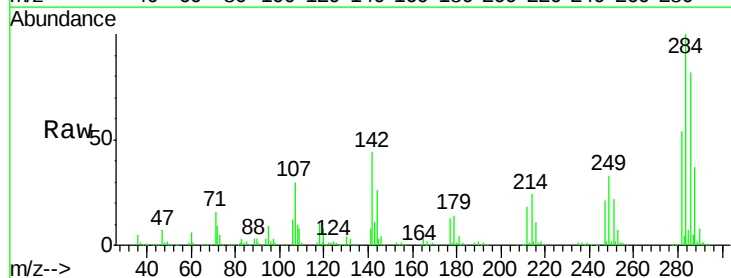
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

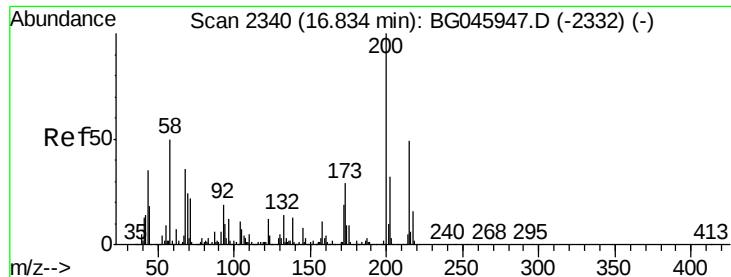
Tot Ion:248 Resp: 319763
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.6 114.8
 141 79.3 62.7 94.1



#68
 Hexachlorobenzene
 Concen: 45.266 ng
 RT: 16.68 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion:284 Resp: 335634
 Ion Ratio Lower Upper
 284 100
 142 44.0 31.3 46.9
 249 32.6 26.8 40.2





#69

Atrazine

Concen: 53.117 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

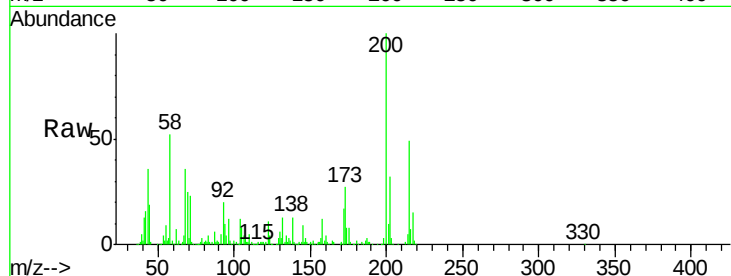
Tot Ion:200 Resp: 321963

Ion Ratio Lower Upper

200 100

173 27.4 9.1 49.1

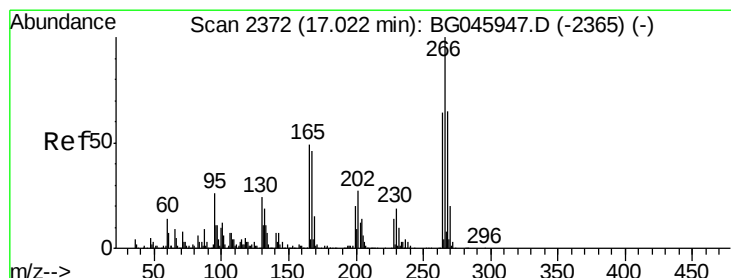
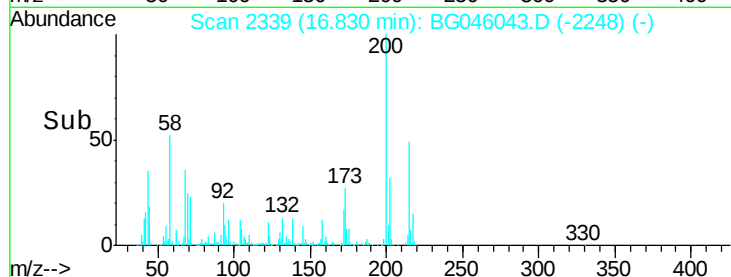
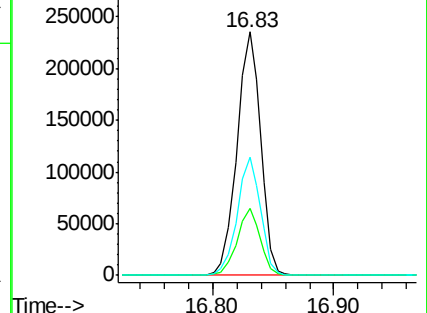
215 48.6 28.8 68.8



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: 95.709 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

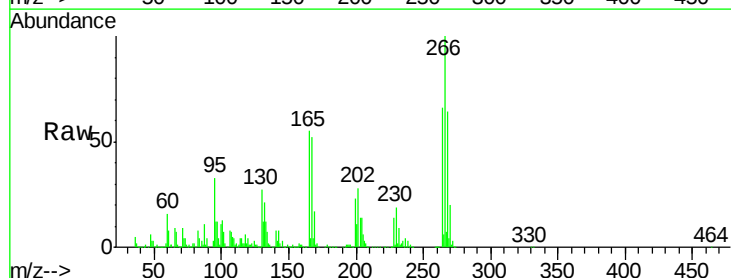
Tgt Ion:266 Resp: 394556

Ion Ratio Lower Upper

266 100

268 63.7 51.8 77.8

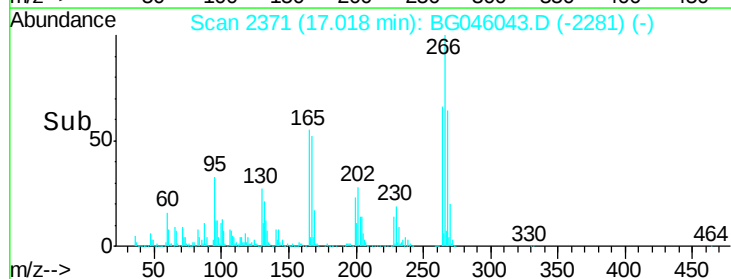
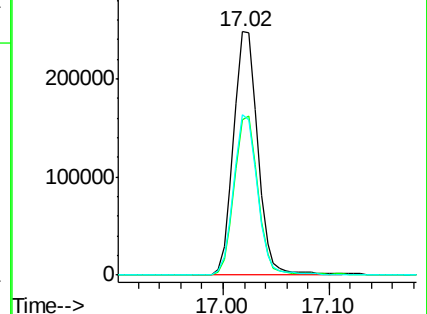
264 65.7 51.4 77.0

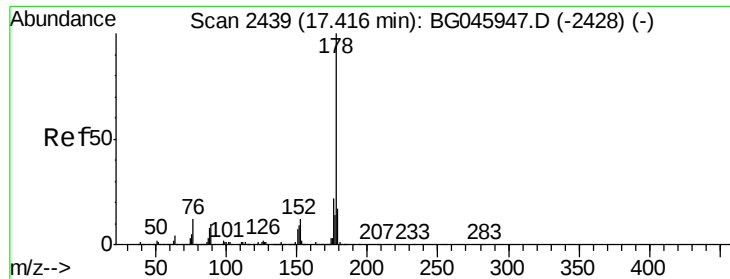


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.611 ng

RT: 17.41 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

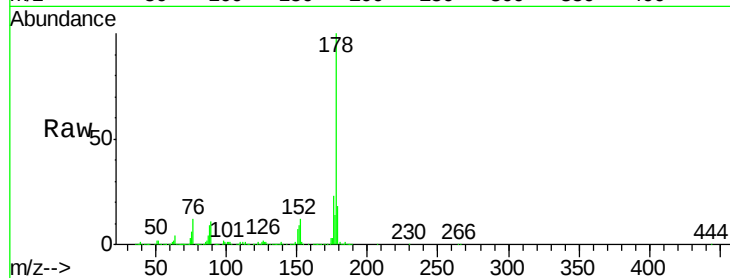
Tot Ion:178 Resp: 1630272

Ion Ratio Lower Upper

178 100

176 22.9 17.4 26.2

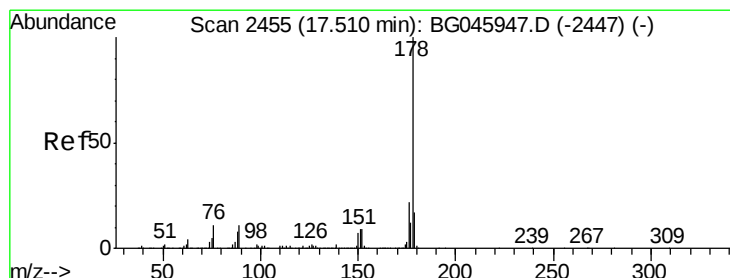
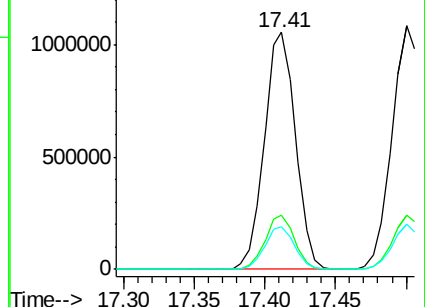
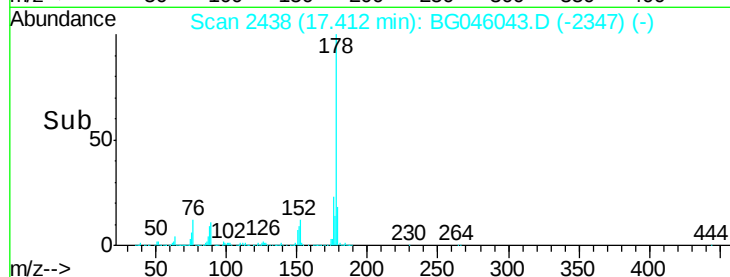
179 18.2 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.896 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

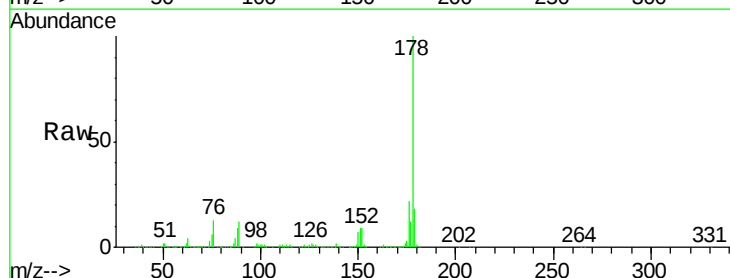
Tgt Ion:178 Resp: 1664576

Ion Ratio Lower Upper

178 100

176 22.1 17.2 25.8

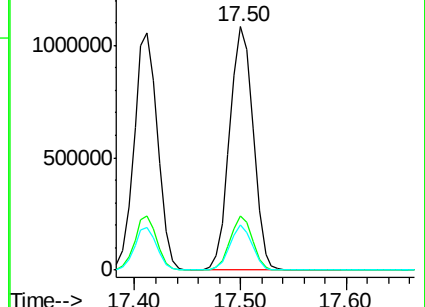
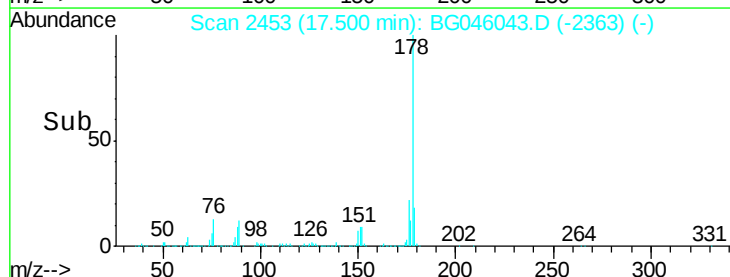
179 18.5 14.0 21.0

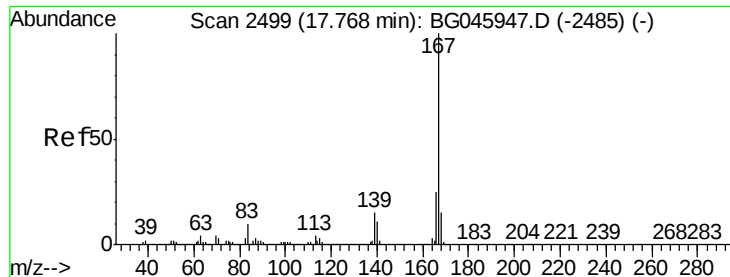


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.174 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

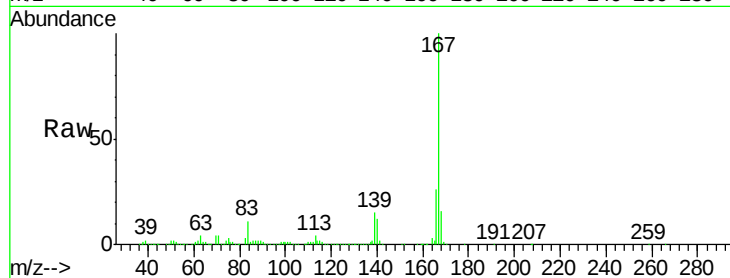
Tot Ion:167 Resp: 1642797

Ion Ratio Lower Upper

167 100

166 26.4 20.4 30.6

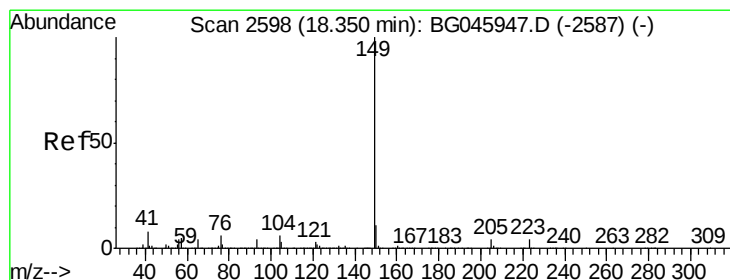
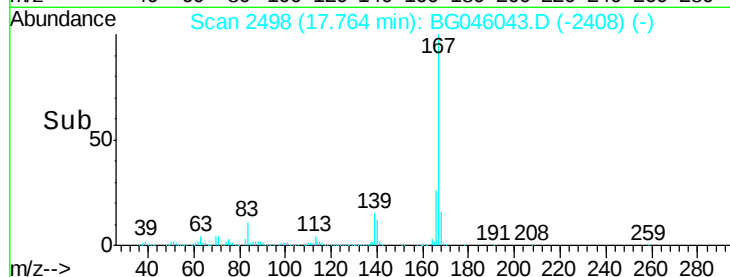
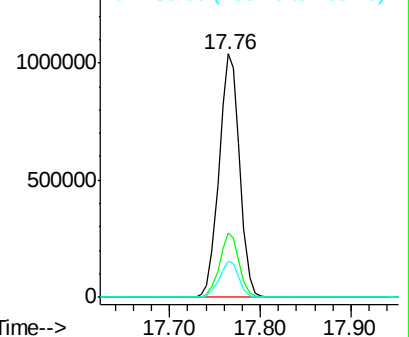
139 14.8 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.443 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

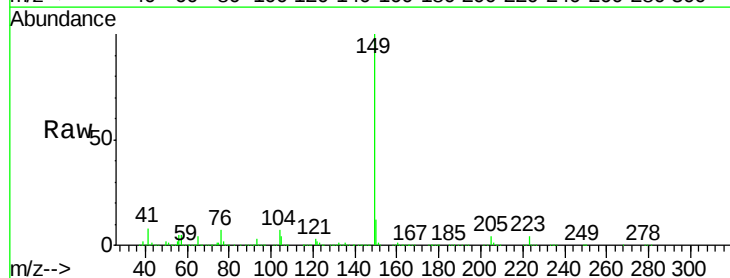
Tgt Ion:149 Resp: 1953722

Ion Ratio Lower Upper

149 100

150 11.6 9.0 13.4

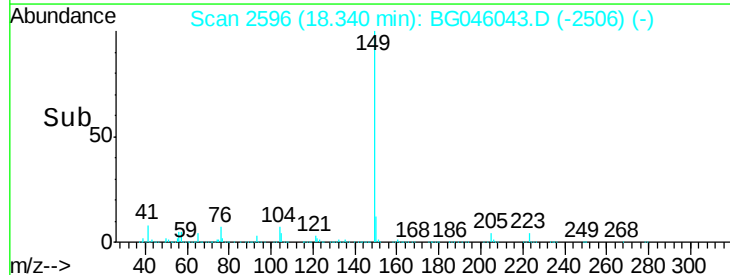
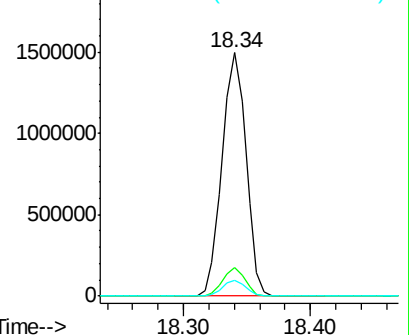
104 6.7 5.2 7.8

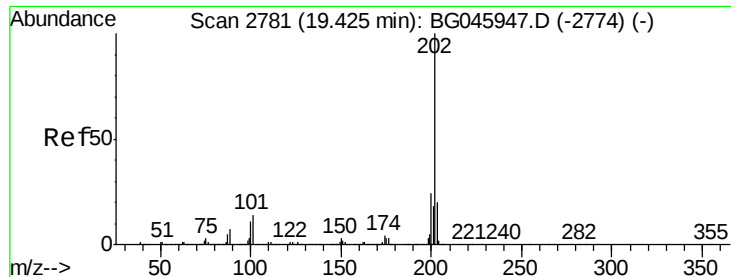


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.725 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

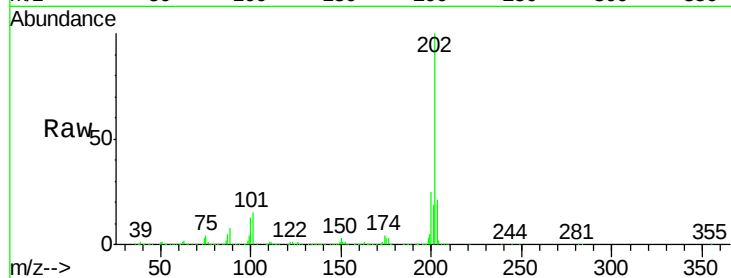
Tot Ion:202 Resp: 1929651

Ion Ratio Lower Upper

202 100

101 15.1 0.0 33.8

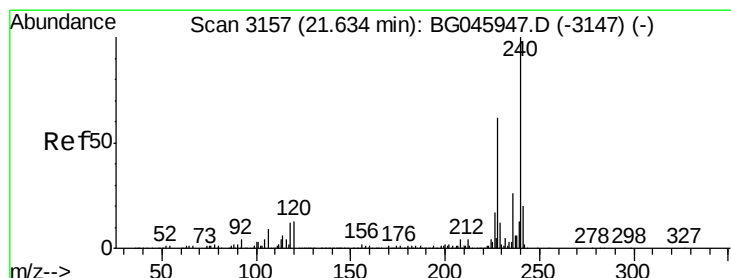
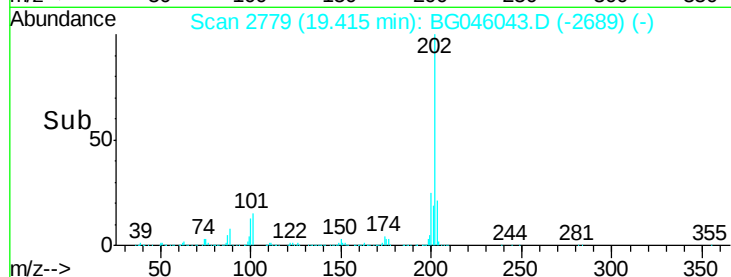
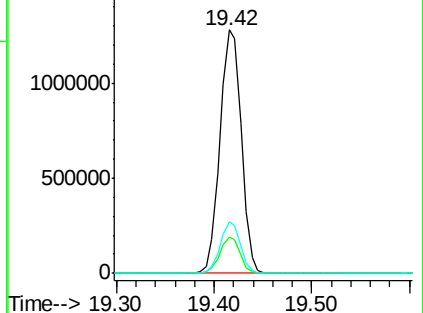
203 21.4 0.4 40.4



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: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

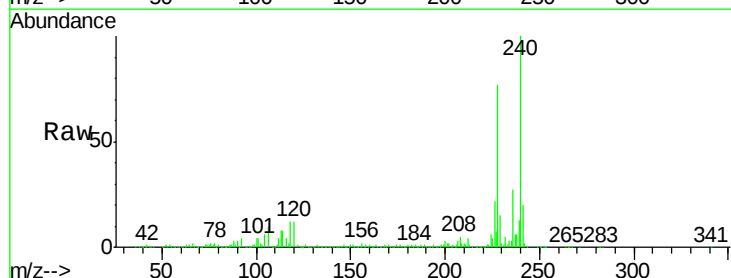
Tgt Ion:240 Resp: 587940

Ion Ratio Lower Upper

240 100

120 12.2 10.6 16.0

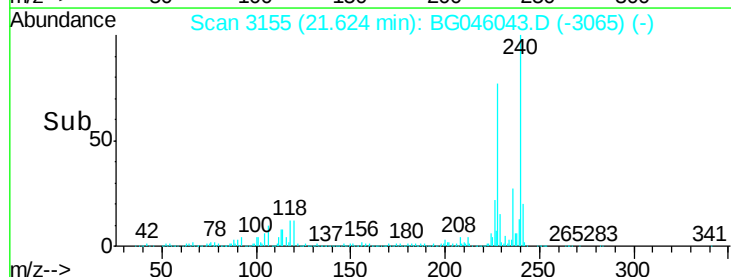
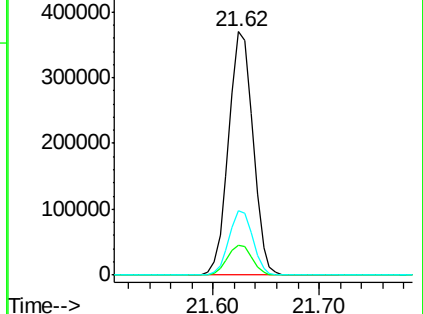
236 26.6 20.4 30.6

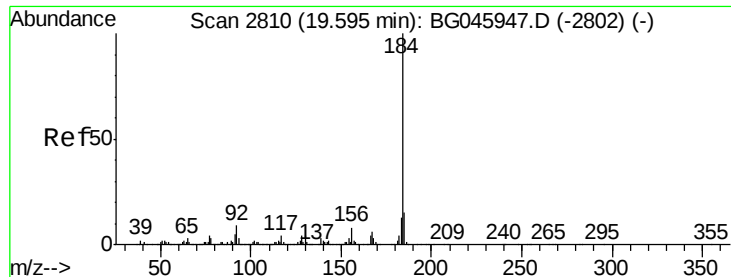


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.072 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

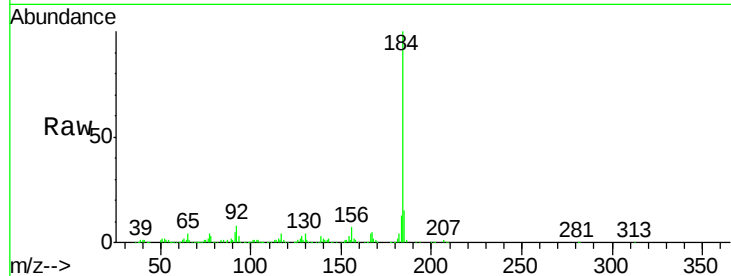
Tot Ion:184 Resp: 421480

Ion Ratio Lower Upper

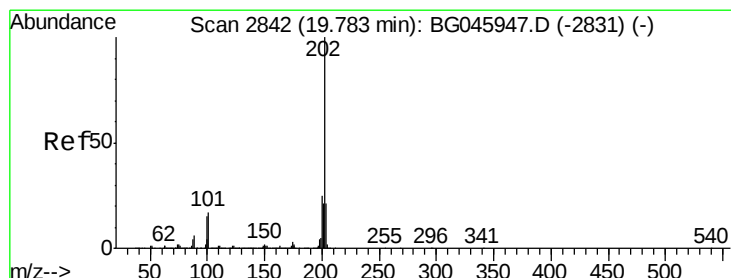
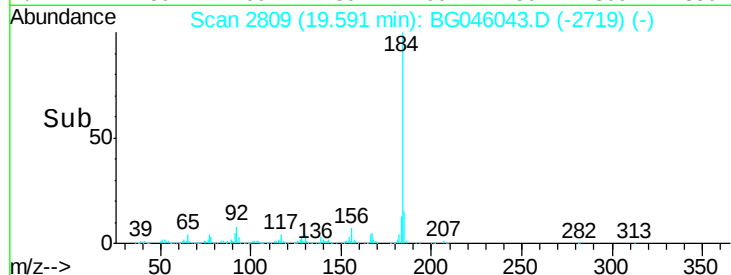
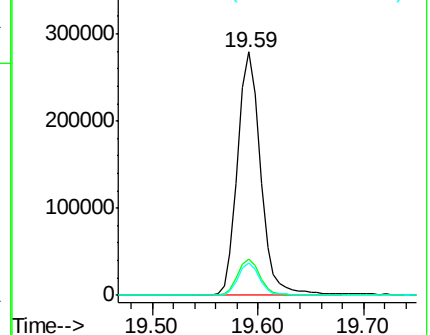
184 100

185 15.1 11.6 17.4

183 13.3 10.4 15.6



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: 48.052 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

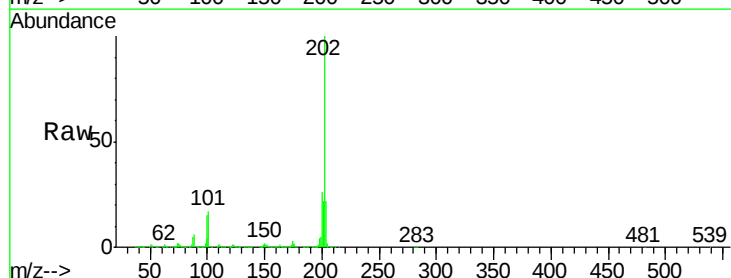
Tgt Ion:202 Resp: 1928446

Ion Ratio Lower Upper

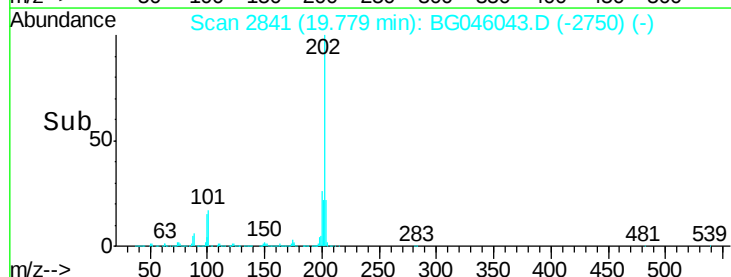
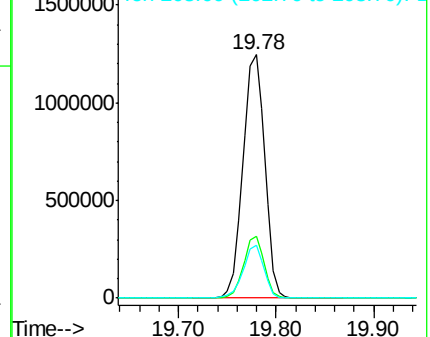
202 100

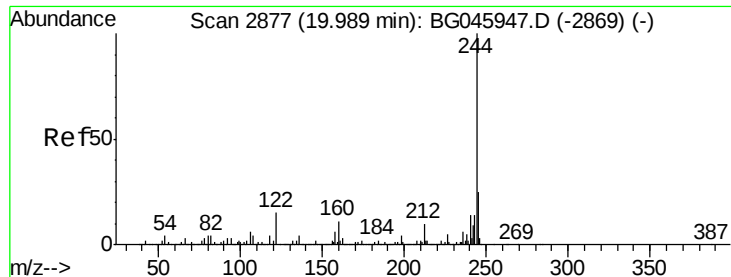
200 25.5 20.1 30.1

203 21.7 16.5 24.7



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: 76.470 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

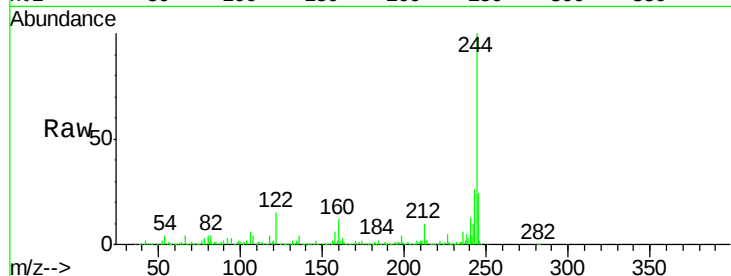
Tot Ion:244 Resp: 2020194

Ion Ratio Lower Upper

244 100

212 9.7 8.3 12.5

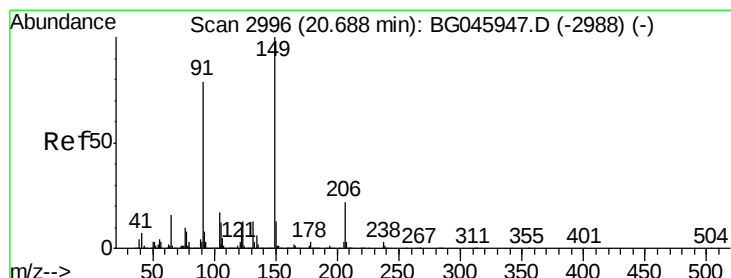
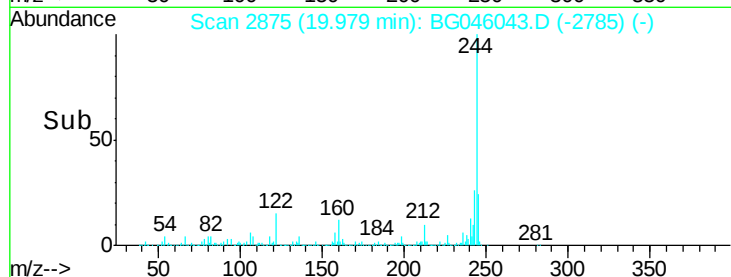
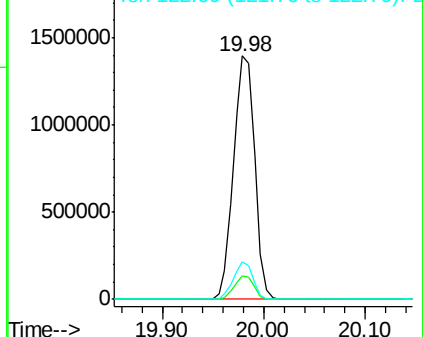
122 15.3 12.1 18.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.610 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

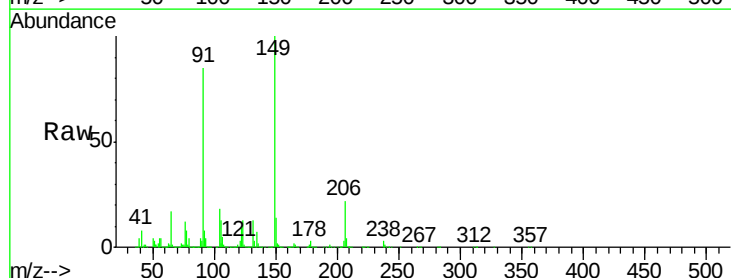
Tgt Ion:149 Resp: 921904

Ion Ratio Lower Upper

149 100

91 84.7 63.1 94.7

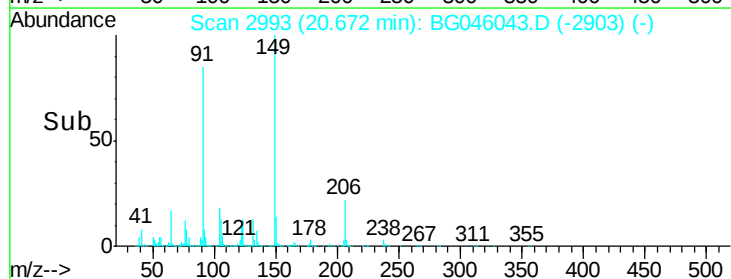
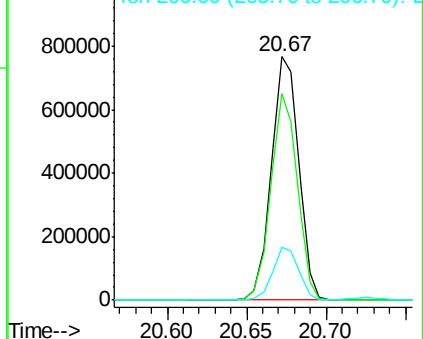
206 21.6 17.4 26.0

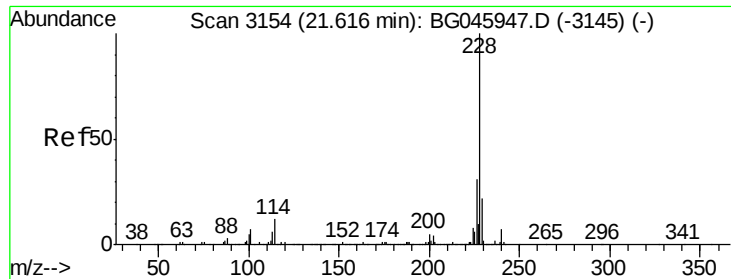


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.791 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

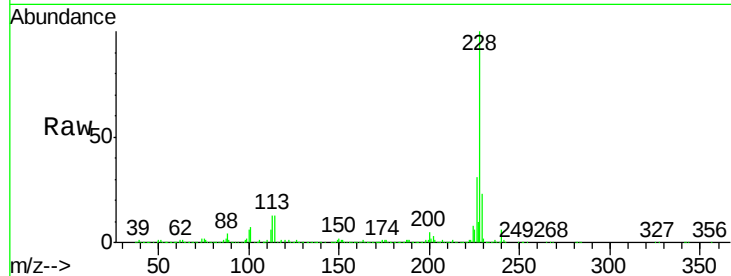
Tot Ion:228 Resp: 1770247

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	22.7	17.8	26.8

228 100

226 31.4 24.8 37.2

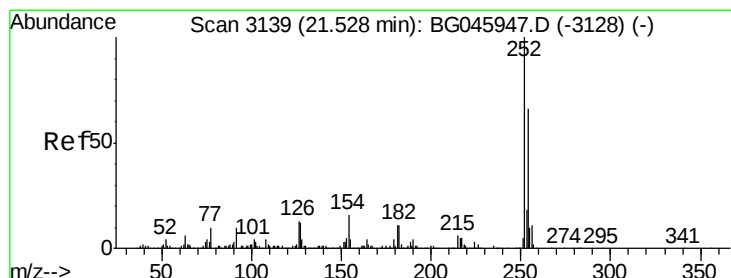
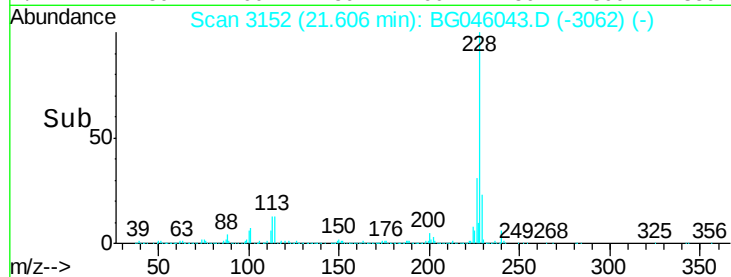
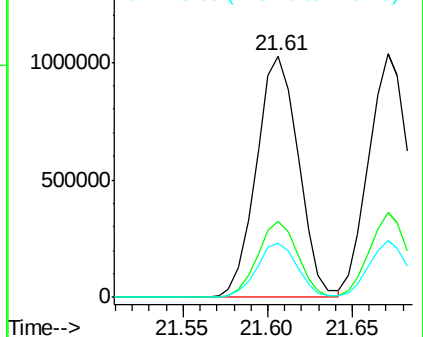
229 22.7 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.904 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

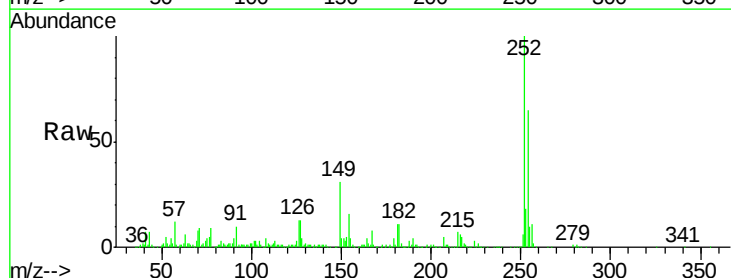
Tgt Ion:252 Resp: 355764

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.9	79.3
126	13.4	10.4	15.6

252 100

254 64.7 52.9 79.3

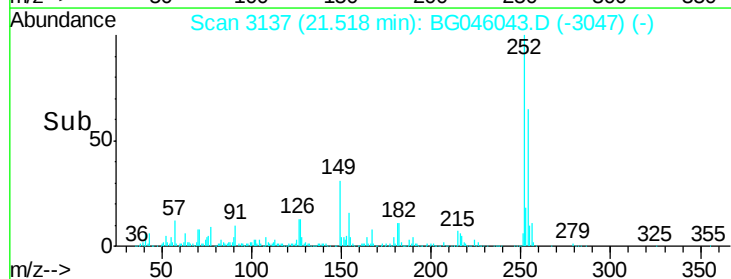
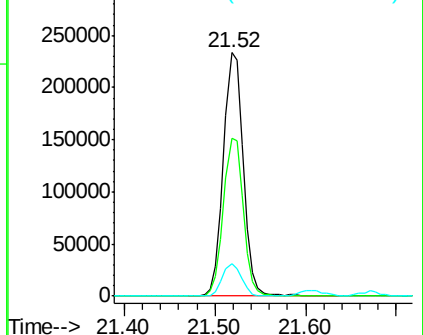
126 13.4 10.4 15.6

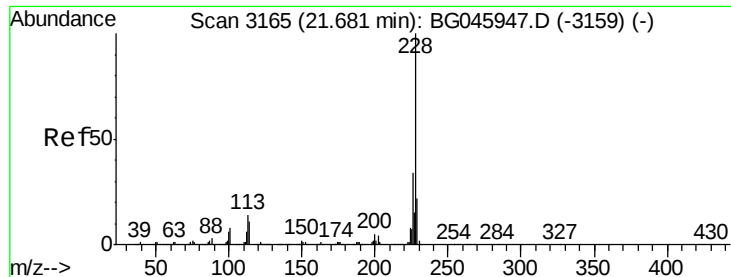


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 46.206 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

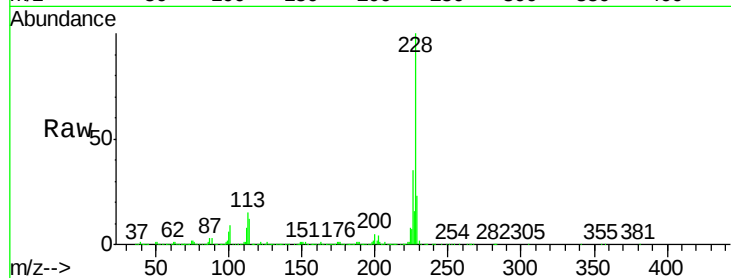
Tot Ion:228 Resp: 1701732

Ion Ratio Lower Upper

228 100

226 34.8 26.7 40.1

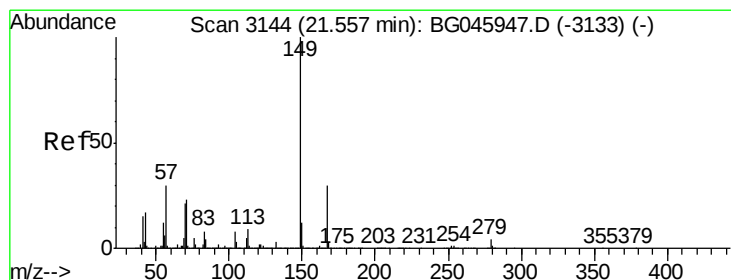
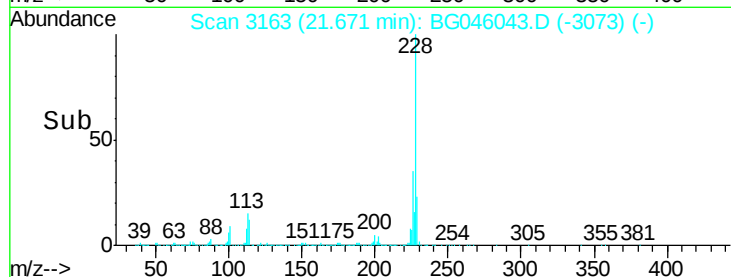
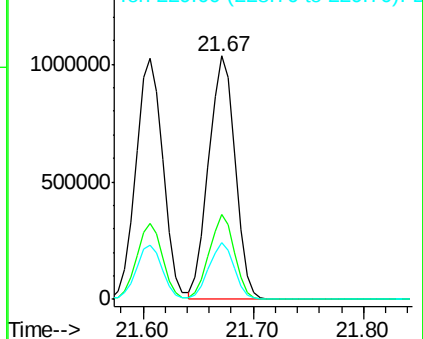
229 23.1 17.3 25.9



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: 47.035 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

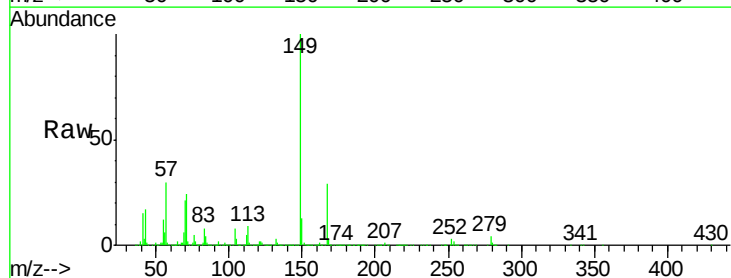
Tgt Ion:149 Resp: 1294853

Ion Ratio Lower Upper

149 100

167 29.3 23.8 35.8

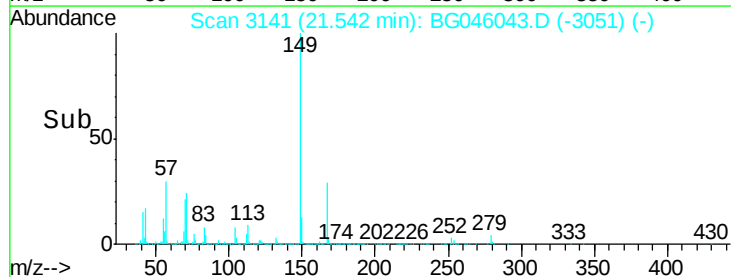
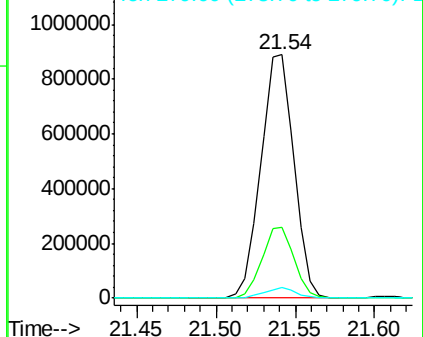
279 4.4 3.5 5.3

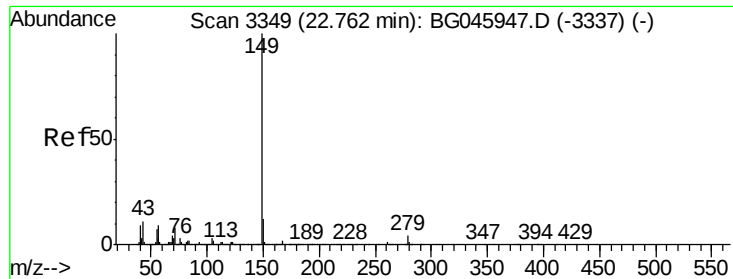


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

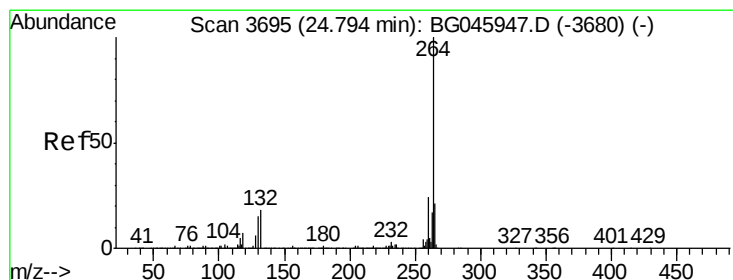
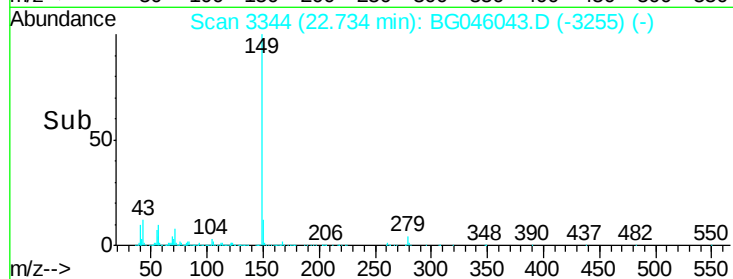
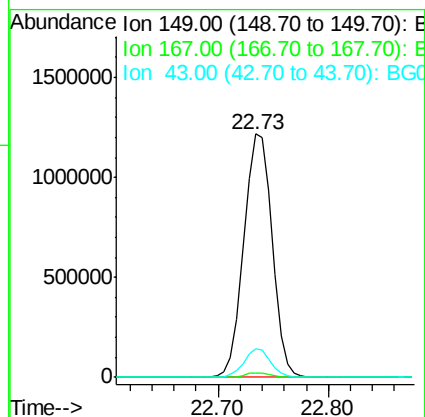
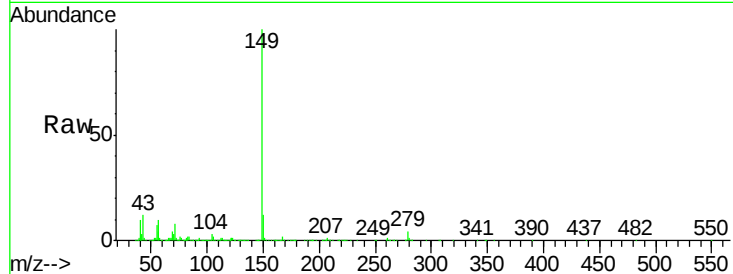




#85
Di-n-octyl phthalate
Concen: 46.021 ng
RT: 22.73 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

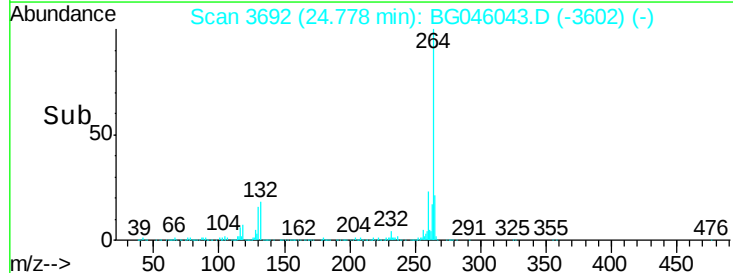
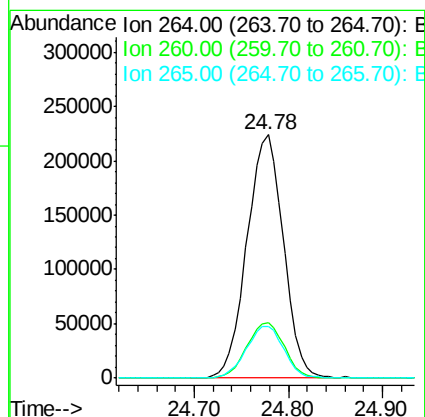
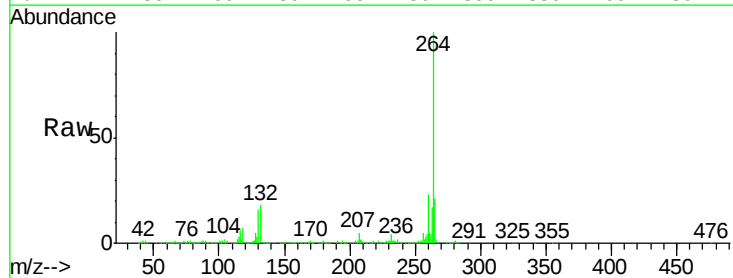
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

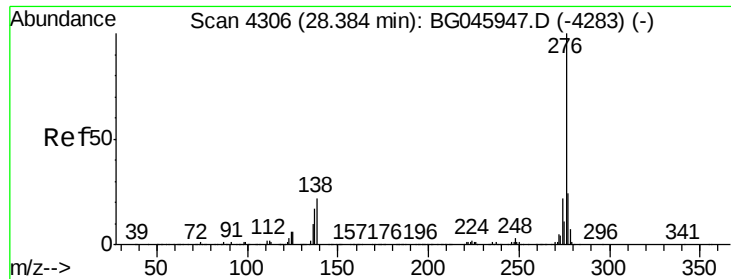
Tot Ion:149 Resp: 2198595
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.9 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:264 Resp: 599880
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.4 16.9 25.3

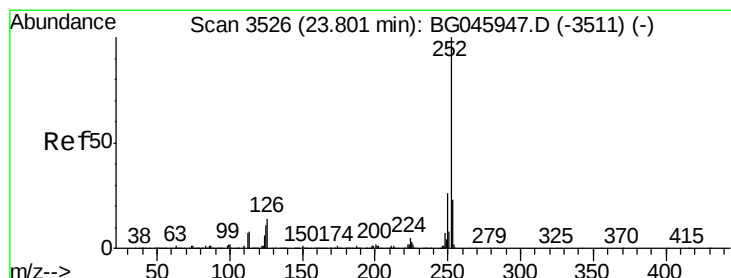
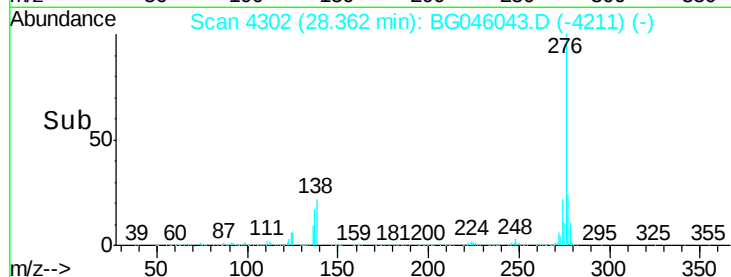
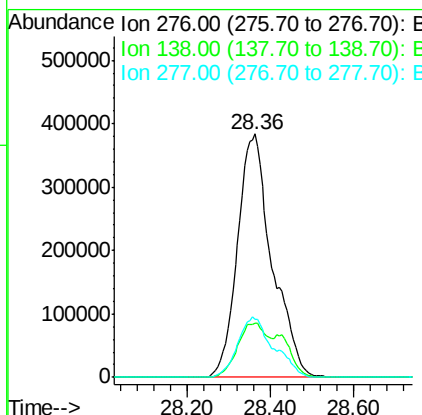
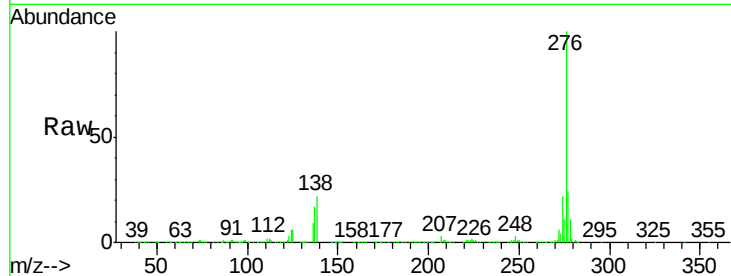




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.325 ng
 RT: 28.36 min Scan# 4302
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

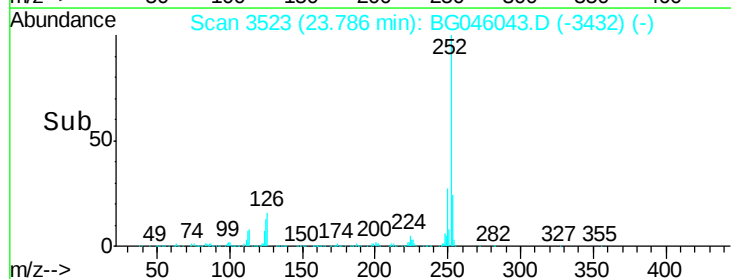
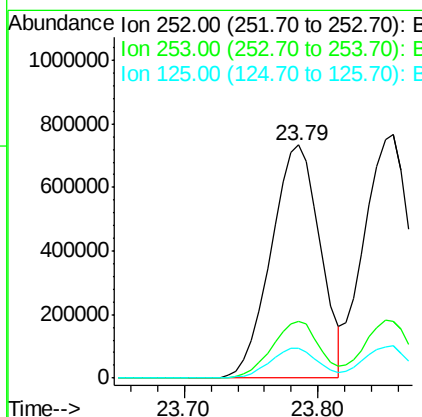
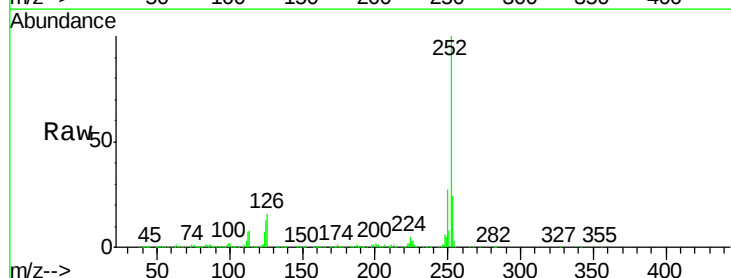
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

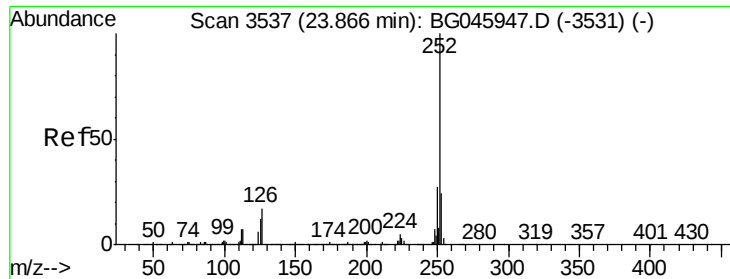
Tot Ion:276 Resp: 2208536
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.4 24.6
 277 25.7 20.6 31.0



#88
 Benzo(b)fluoranthene
 Concen: 49.031 ng
 RT: 23.79 min Scan# 3523
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion:252 Resp: 1867159
 Ion Ratio Lower Upper
 252 100
 253 24.2 18.5 27.7
 125 12.8 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 50.813 ng

RT: 23.86 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

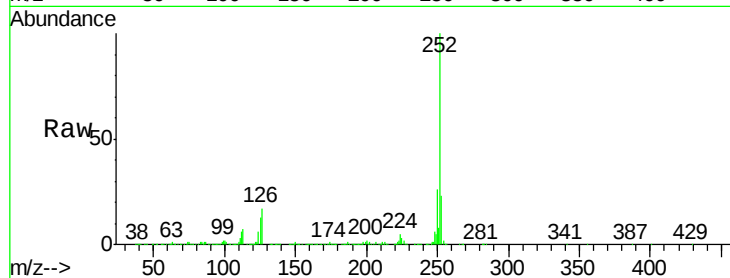
Tot Ion:252 Resp: 1829675

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

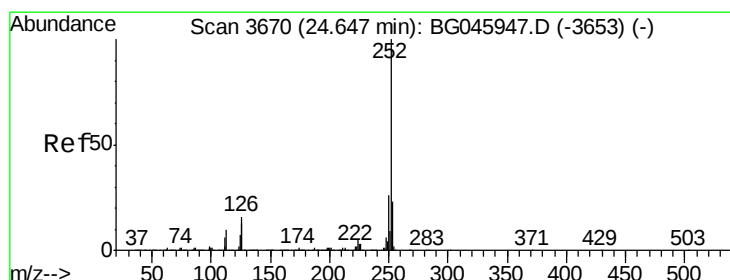
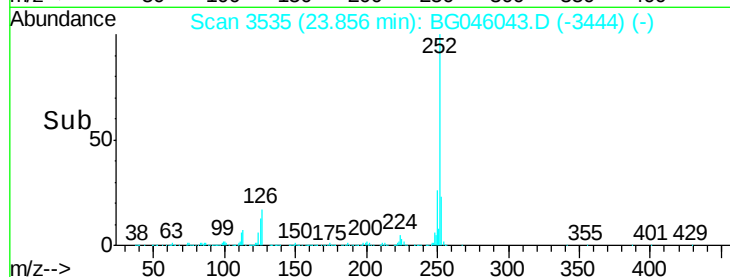
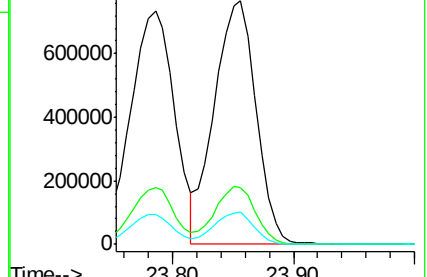
125 13.1 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.939 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

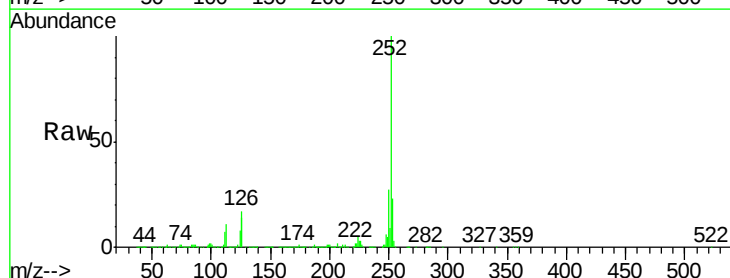
Tgt Ion:252 Resp: 1752450

Ion Ratio Lower Upper

252 100

253 23.1 18.6 28.0

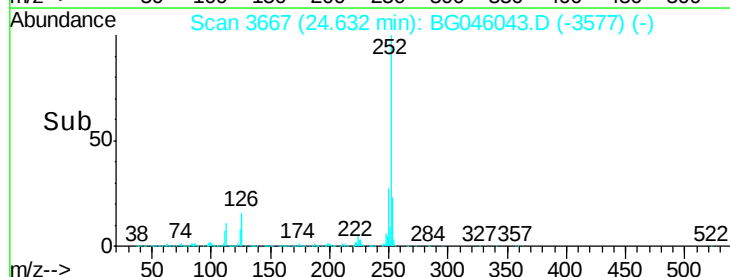
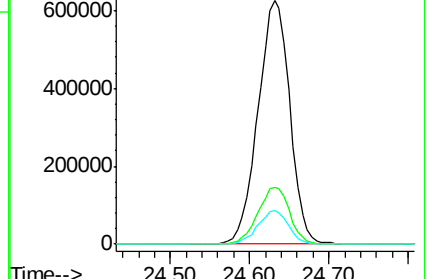
125 13.9 10.5 15.7

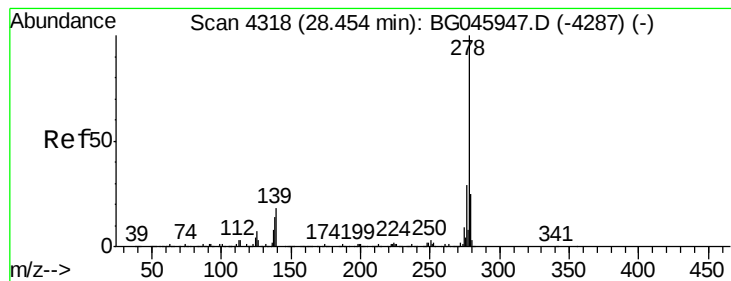


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.102 ng

RT: 28.43 min Scan# 4313

Delta R.T. -0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

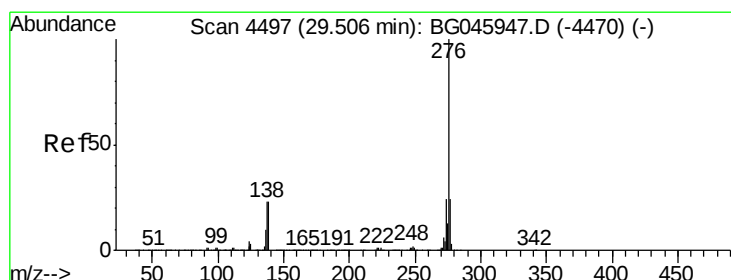
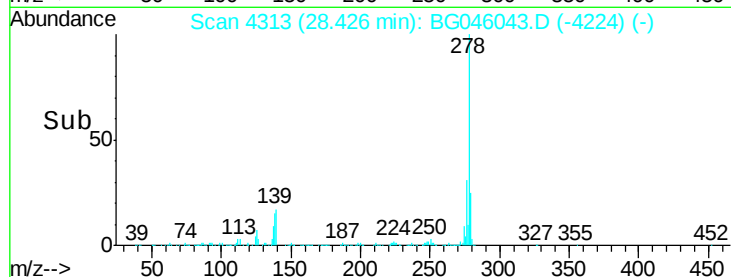
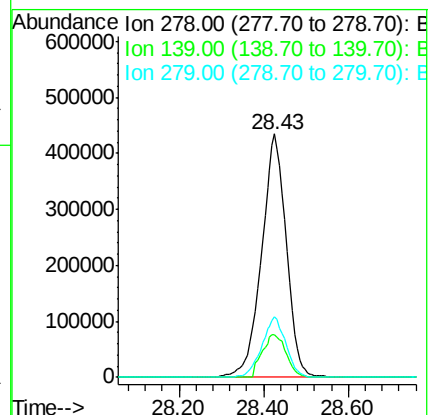
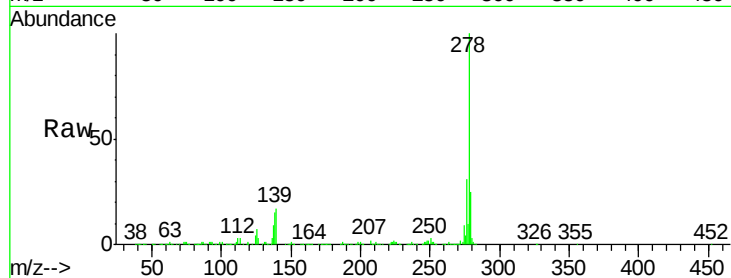
Tot Ion:278 Resp: 1773411

Ion Ratio Lower Upper

278 100

139 17.5 14.3 21.5

279 24.9 19.8 29.6



#92

Benzo(g,h,i)perylene

Concen: 49.883 ng

RT: 29.47 min Scan# 4491

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:276 Resp: 1776863

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 25.9 18.6 28.0

