

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046189.D
 Acq On : 7 Aug 2020 11:55
 Operator : CG/JU
 Sample : L3545-03MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Quant Time: Aug 07 13:39:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	101983	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	405152	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	282559	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	697526	20.00	ng	0.00
76) Chrysene-d12	21.57	240	719452	20.00	ng	0.00
86) Perylene-d12	24.67	264	788892	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	720015	122.73	ng	0.00
7) Phenol-d6	7.12	99	932172	116.59	ng	0.00
23) Nitrobenzene-d5	9.11	82	600881	80.30	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	623848	143.74	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1435521	73.80	ng	0.00
79) Terphenyl-d14	19.94	244	2108254	59.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	91565	34.291	ng	93
3) Pyridine	3.83	79	208238	28.328	ng	94
4) n-Nitrosodimethylamine	3.74	42	110341	35.269	ng	# 89
6) Aniline	7.27	93	250065	26.274	ng	99
8) 2-Chlorophenol	7.52	128	291170	44.904	ng	96
9) Benzaldehyde	7.09	77	187756	39.574	ng	98
10) Phenol	7.14	94	348901	43.432	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	259646	40.634	ng	100
12) 1,3-Dichlorobenzene	7.84	146	322738	41.063	ng	97
13) 1,4-Dichlorobenzene	7.98	146	323692	41.014	ng	99
14) 1,2-Dichlorobenzene	8.31	146	317328	42.633	ng	97
15) Benzyl Alcohol	8.18	79	246972	44.712	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	399550	38.140	ng	98
17) 2-Methylphenol	8.40	107	254518	46.930	ng	99
18) Hexachloroethane	9.04	117	112877	42.765	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	212873	40.909	ng	97
20) 3+4-Methylphenols	8.72	107	349416	47.071	ng	95
22) Acetophenone	8.77	105	416871	40.093	ng	98
24) Nitrobenzene	9.15	77	297634	37.306	ng	96
25) Isophorone	9.67	82	588202	39.503	ng	98
26) 2-Nitrophenol	9.86	139	180490	49.917	ng	97
27) 2,4-Dimethylphenol	9.92	122	280534	47.687	ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	357127	44.110	ng	98
29) 2,4-Dichlorophenol	10.40	162	330003	47.688	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	329425	40.636	ng	98
31) Naphthalene	10.80	128	851893	39.739	ng	99
32) Benzoic acid	10.03	122	64030	21.312	ng	98
33) 4-Chloroaniline	10.90	127	177195	20.227	ng	97
34) Hexachlorobutadiene	11.09	225	215142	39.867	ng	99
35) Caprolactam	11.68	113	74402	32.849	ng	98
36) 4-Chloro-3-methylphenol	12.03	107	325523	47.934	ng	97
37) 2-Methylnaphthalene	12.40	142	681807	41.333	ng	99
38) 1-Methylnaphthalene	12.63	142	652578	41.807	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	398039	39.098	ng	99

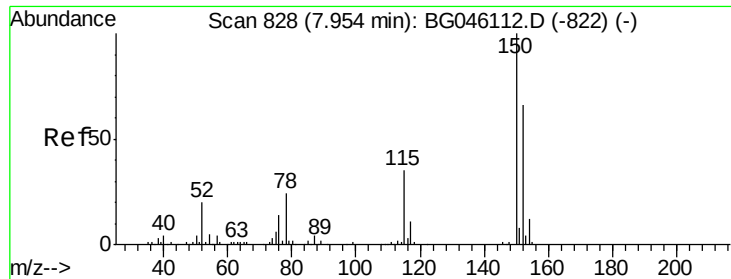
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
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 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	524011	89.735	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	322394	49.635	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	341158	48.139	ng	96
46) 1,1'-Biphenyl	13.41	154	879745	39.689	ng	99
47) 2-Chloronaphthalene	13.45	162	694808	39.297	ng	99
48) 2-Nitroaniline	13.65	65	204443	44.113	ng	97
49) Acenaphthylene	14.30	152	1119333	40.769	ng	98
50) Dimethylphthalate	14.04	163	1149963	53.026	ng	99
51) 2,6-Dinitrotoluene	14.15	165	214534	42.506	ng	88
52) Acenaphthene	14.64	154	730306	40.304	ng	99
53) 3-Nitroaniline	14.47	138	114032	22.789	ng	99
54) 2,4-Dinitrophenol	14.68	184	136827	46.076	ng	95
55) Dibenzofuran	14.98	168	1086224	39.727	ng	98
56) 4-Nitrophenol	14.79	139	418407	96.313	ng	98
57) 2,4-Dinitrotoluene	14.94	165	307726	44.344	ng	95
58) Fluorene	15.63	166	893736	40.363	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	349907	52.418	ng	98
60) Diethylphthalate	15.41	149	919509	43.101	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	482296	41.704	ng	97
62) 4-Nitroaniline	15.64	138	236070	46.910	ng	99
63) Azobenzene	15.91	77	1149239	57.480	ng	# 82
65) 4,6-Dinitro-2-methylphenol	15.70	198	152790	33.121	ng	91
66) n-Nitrosodiphenylamine	15.83	169	840676	39.816	ng	97
67) 4-Bromophenyl-phenylether	16.52	248	360698	41.857	ng	95
68) Hexachlorobenzene	16.63	284	402755	41.681	ng	97
69) Atrazine	16.79	200	324760	39.944	ng	98
70) Pentachlorophenol	16.97	266	498478	79.507	ng	99
71) Phenanthrene	17.36	178	1489663	38.987	ng	98
72) Anthracene	17.46	178	1542627	40.589	ng	97
73) Carbazole	17.72	167	1427162	38.943	ng	97
74) Di-n-butylphthalate	18.29	149	1551414	40.499	ng	99
75) Fluoranthene	19.37	202	1788391	37.490	ng	98
77) Benzidine	19.55	184	813699	39.928	ng	98
78) Pyrene	19.73	202	1814601	37.538	ng	98
80) Butylbenzylphthalate	20.62	149	902881	51.561	ng	99
81) Benzo(a)anthracene	21.55	228	1840952	38.237	ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	362004	18.106	ng	99
83) Chrysene	21.62	228	1772715	37.586	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	1056724	42.210	ng	98
85) Di-n-octyl phthalate	22.66	149	1816368	42.851	ng	99
87) Indeno(1,2,3-cd)pyrene	28.20	276	2545089	42.302	ng	# 95
88) Benzo(b)fluoranthene	23.70	252	2046938	38.720	ng	99
89) Benzo(k)fluoranthene	23.76	252	1973597	38.062	ng	99
90) Benzo(a)pyrene	24.53	252	1913728	38.903	ng	99
91) Dibenzo(a,h)anthracene	28.27	278	2076640	41.288	ng	99
92) Benzo(g,h,i)perylene	29.30	276	2138686	42.104	ng	100

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

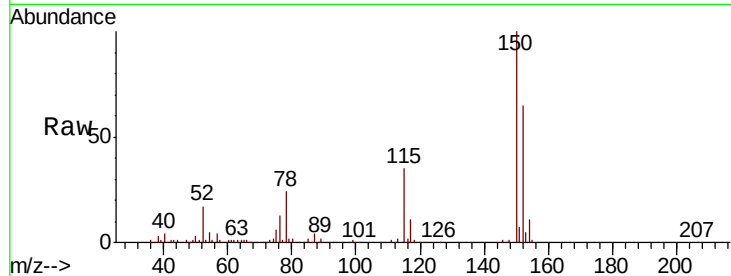


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion	152	Resp	101983
Ion Ratio	Lower	Upper	
152	100		
150	154.0	122.1	183.1
115	53.2	43.2	64.8

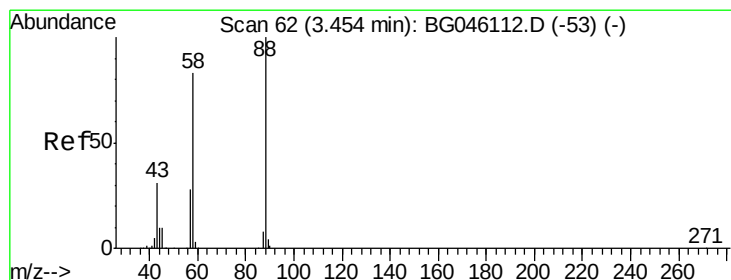
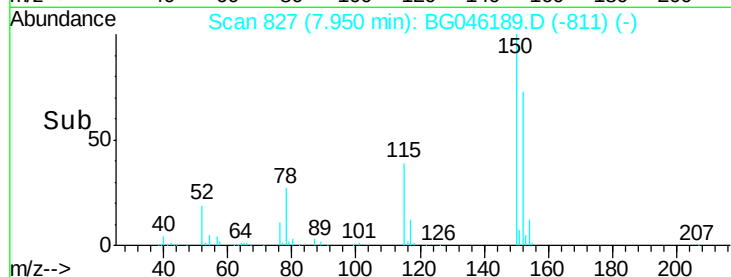
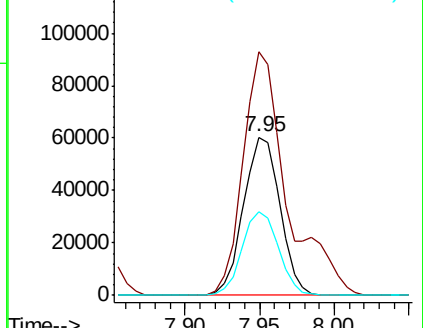


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

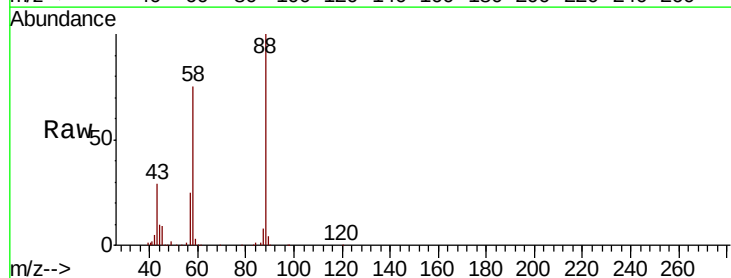
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.291 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion	88	Resp	91565
Ion Ratio	Lower	Upper	
88	100		
58	75.7	66.5	99.7
43	27.0	23.8	35.8

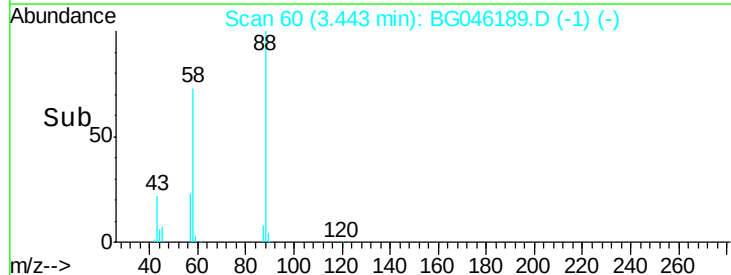
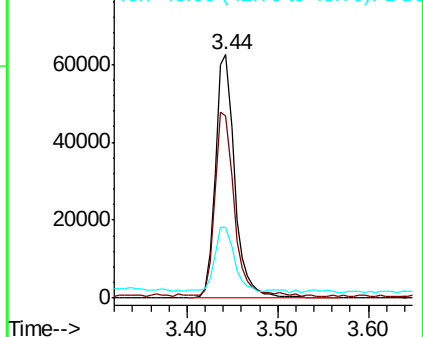


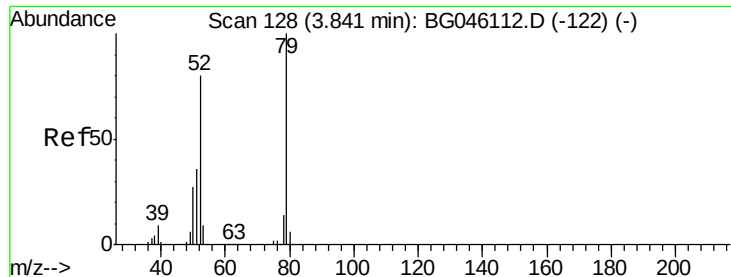
Abundance

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: 28.328 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

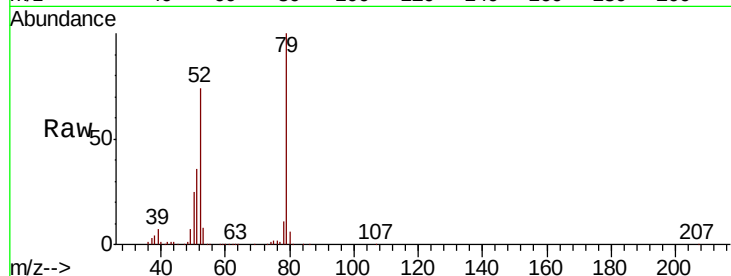
Tot Ion: 79 Resp: 208238

Ion Ratio Lower Upper

79 100

52 74.2 64.3 96.5

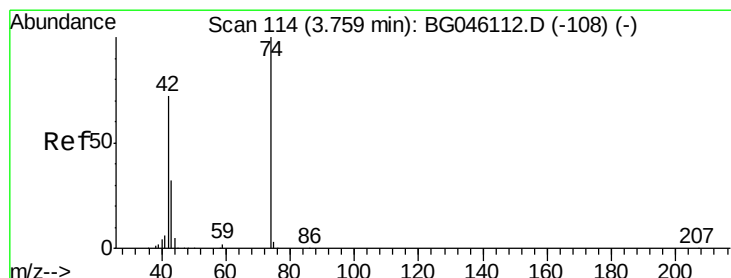
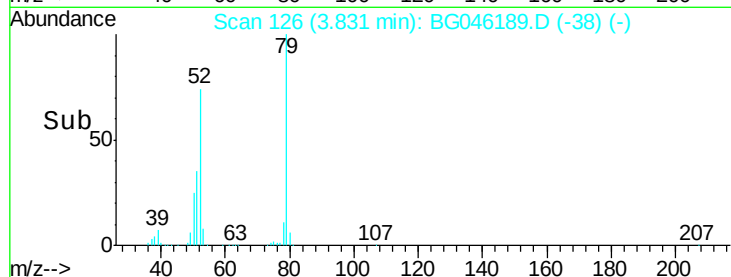
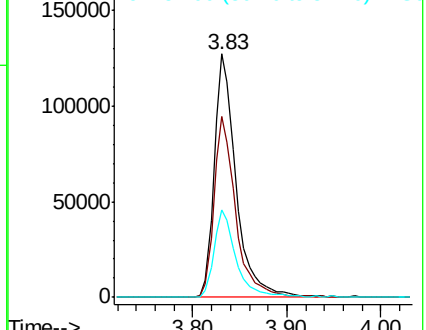
51 35.7 29.8 44.6



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: 35.269 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

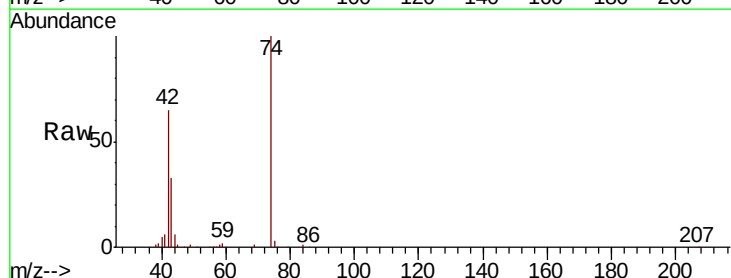
Tgt Ion: 42 Resp: 110341

Ion Ratio Lower Upper

42 100

74 153.5 111.6 167.4

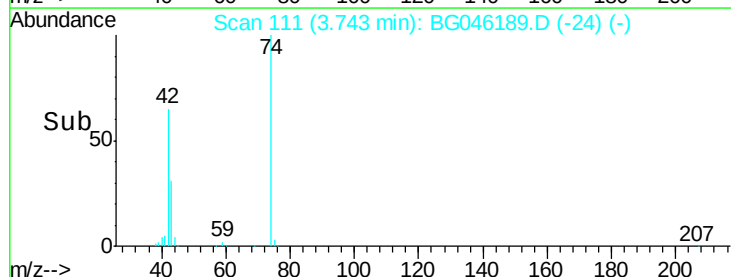
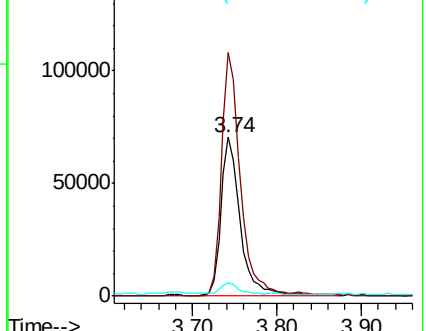
44 8.5 5.7 8.5#

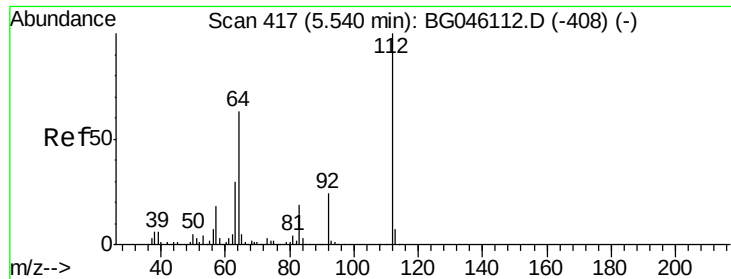


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 122.731 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

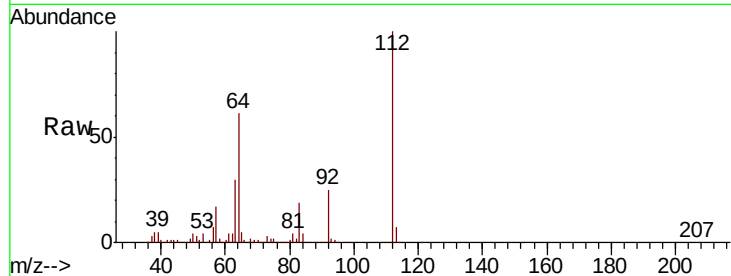
Tot Ion:112 Resp: 720015

Ion Ratio Lower Upper

112 100

64 61.2 50.2 75.2

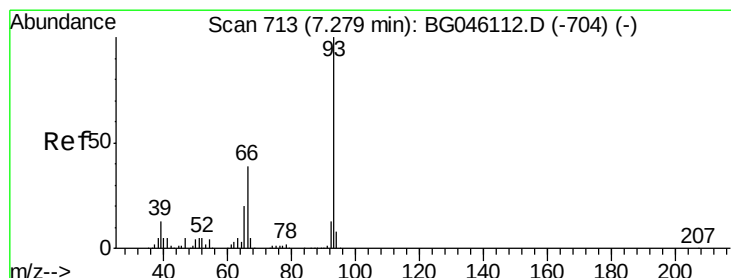
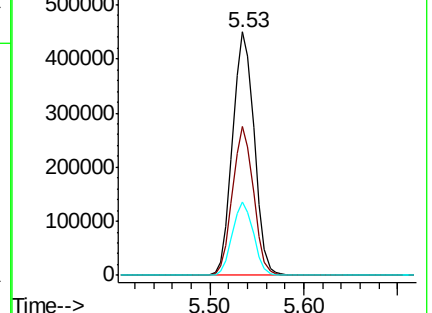
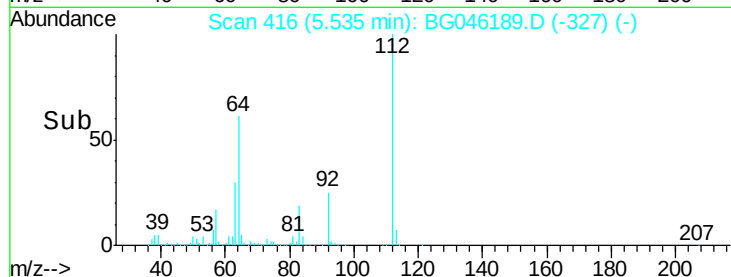
63 29.9 24.2 36.4



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: 26.274 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

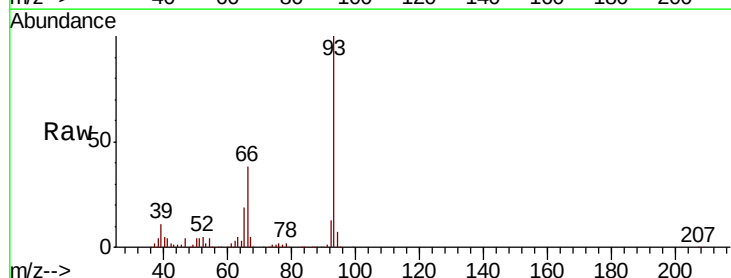
Tgt Ion: 93 Resp: 250065

Ion Ratio Lower Upper

93 100

66 38.3 31.0 46.4

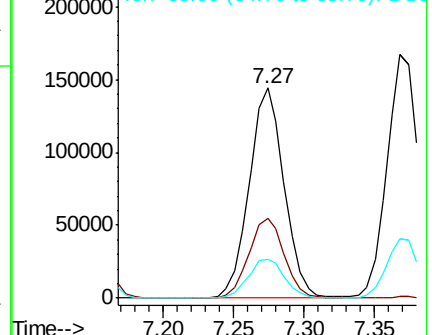
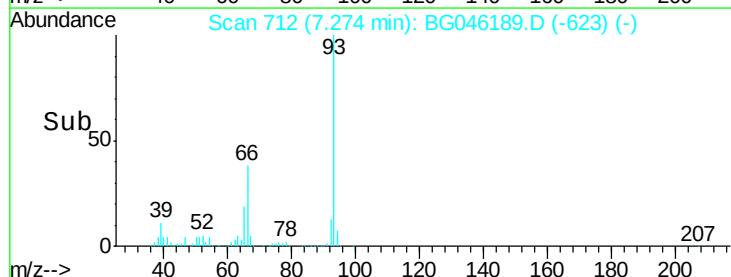
65 18.6 15.9 23.9

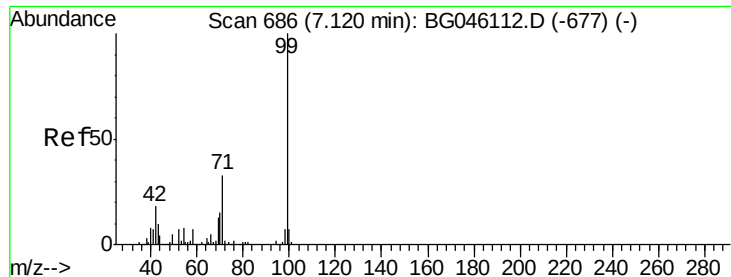


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.589 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

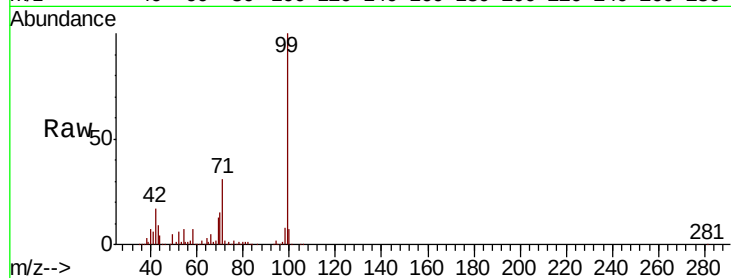
Tot Ion: 99 Resp: 932172

Ion Ratio Lower Upper

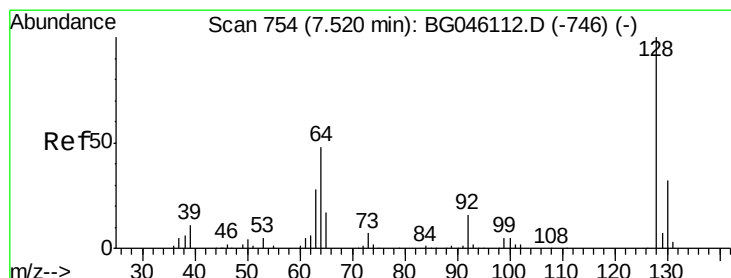
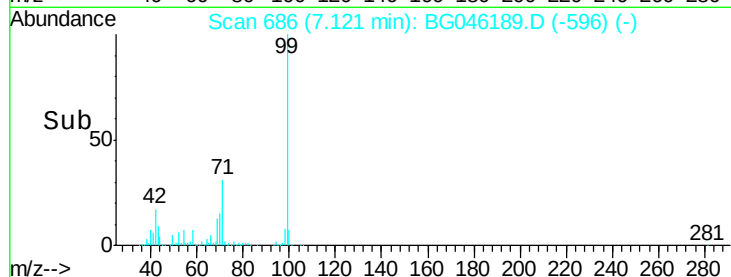
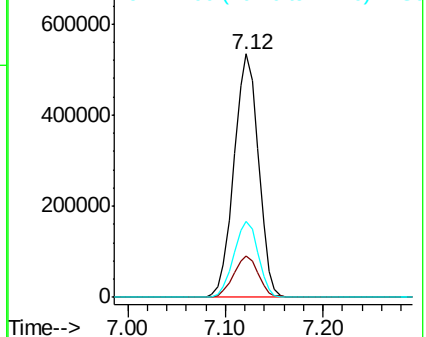
99 100

42 16.8 14.7 22.1

71 30.9 26.5 39.7



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: 44.904 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

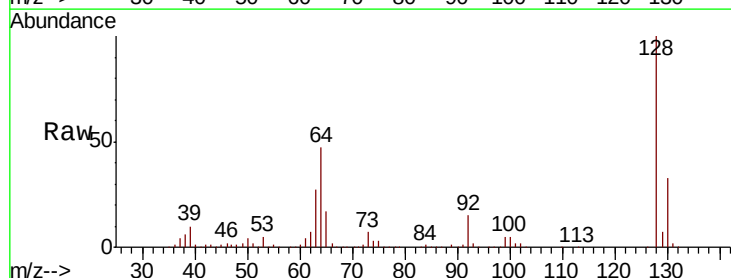
Tgt Ion: 128 Resp: 291170

Ion Ratio Lower Upper

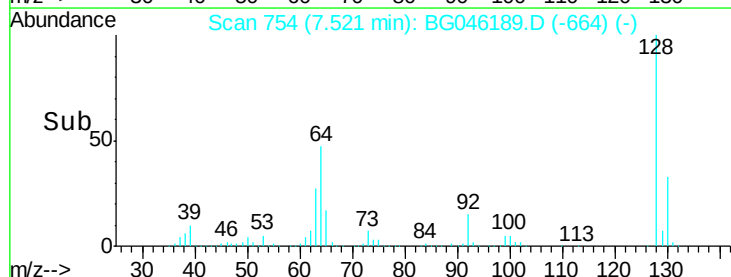
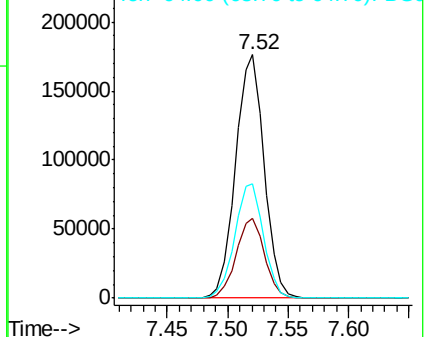
128 100

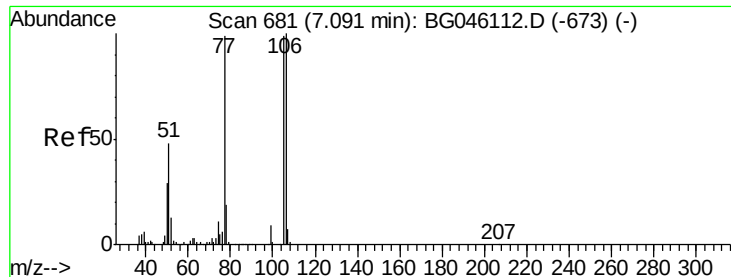
130 32.6 11.6 51.6

64 46.9 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: 39.574 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampled :

SB-1MS

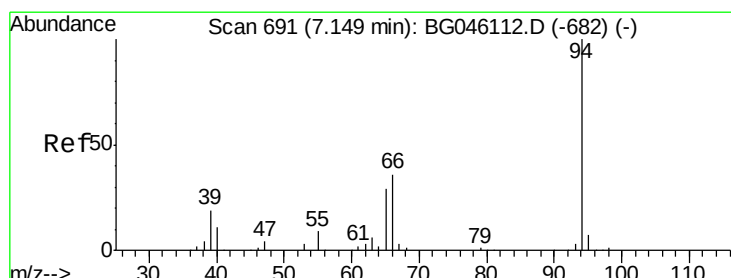
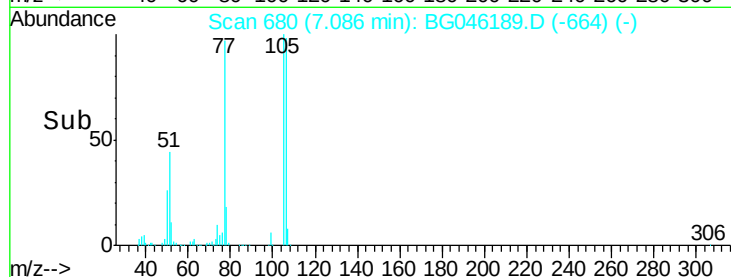
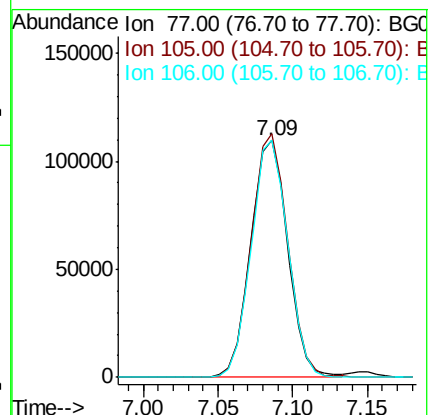
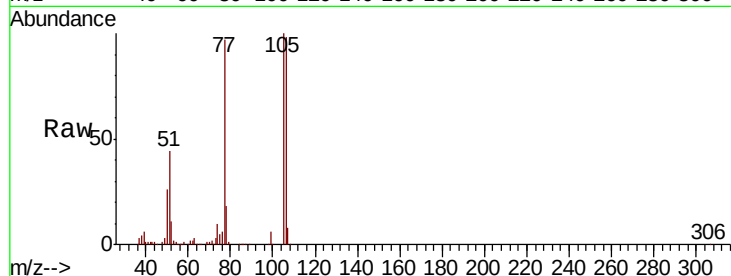
Tot Ion: 77 Resp: 187756

Ion Ratio Lower Upper

77 100

105 102.8 80.3 120.3

106 100.3 81.5 121.5



#10

Phenol

Concen: 43.432 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

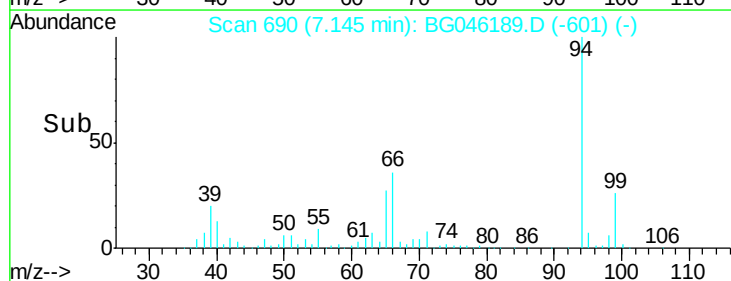
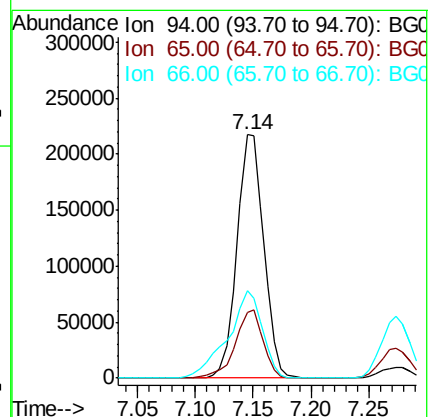
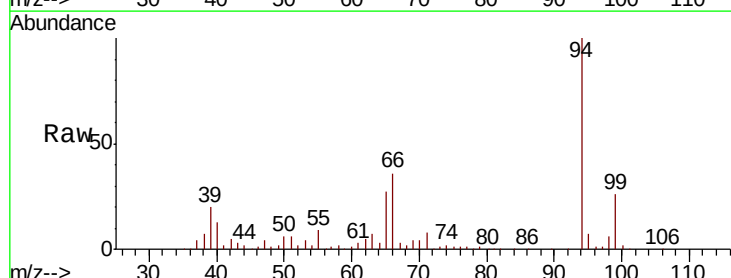
Tgt Ion: 94 Resp: 348901

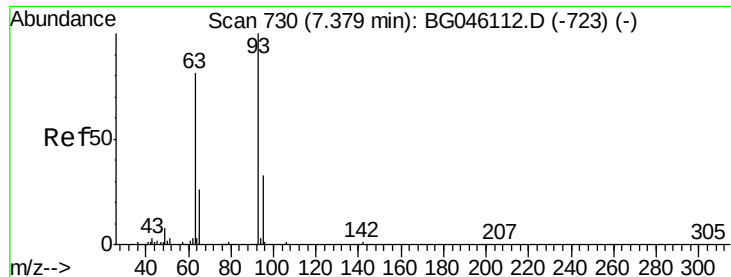
Ion Ratio Lower Upper

94 100

65 27.1 9.6 49.6

66 36.0 16.3 56.3

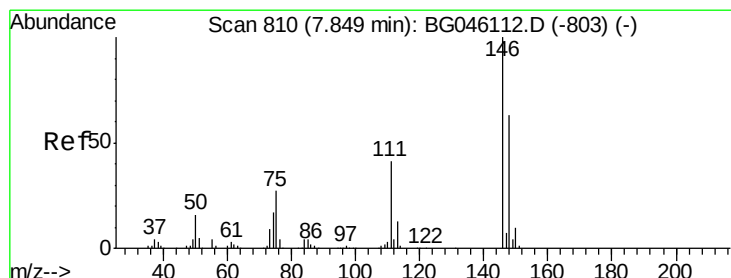
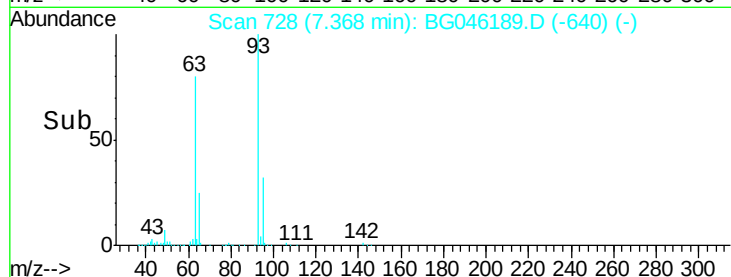
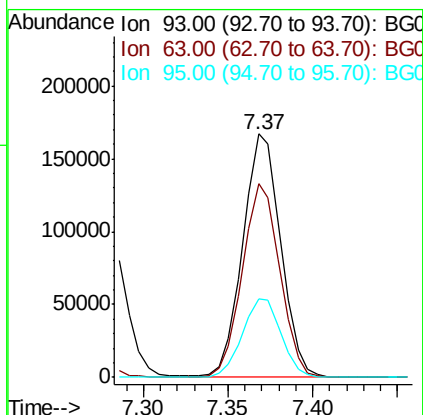
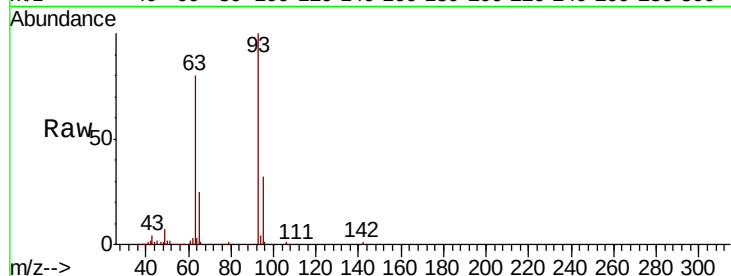




#11
 bis(2-Chloroethyl)ether
 Concen: 40.634 ng
 RT: 7.37 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

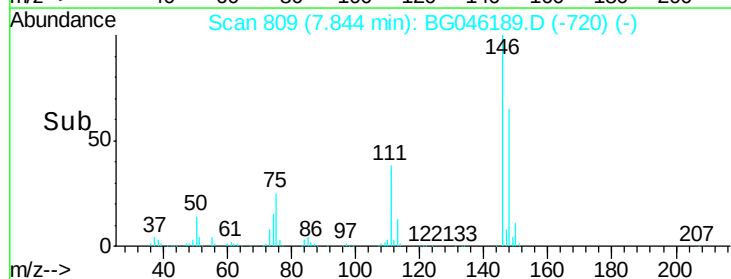
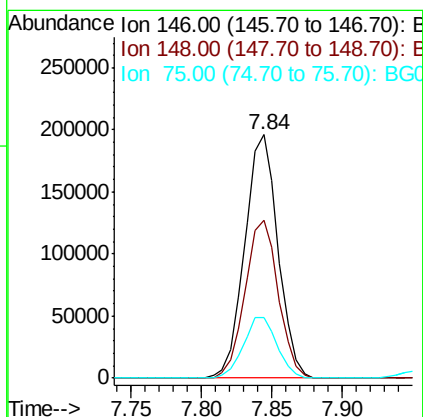
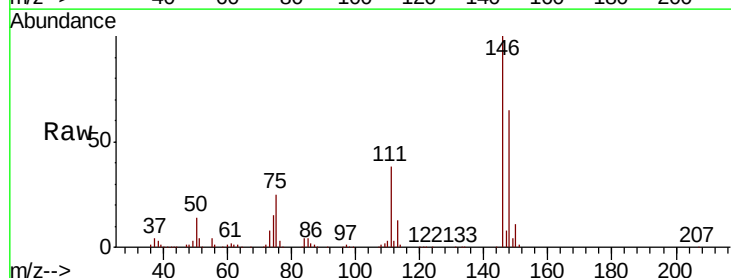
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

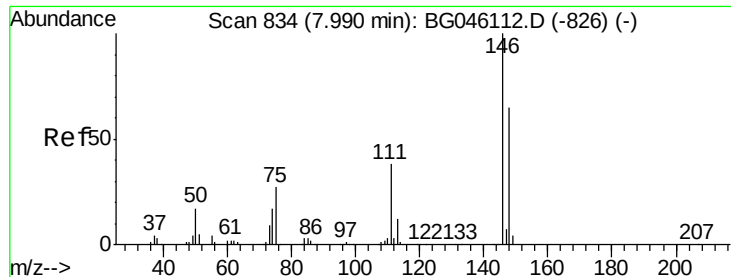
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.6	60.0	100.0
95	32.3	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 41.063 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
75	24.9	21.6	32.4

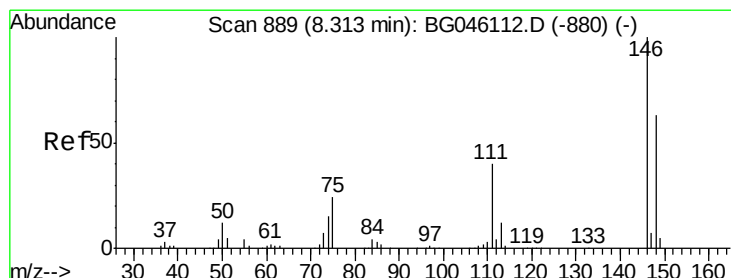
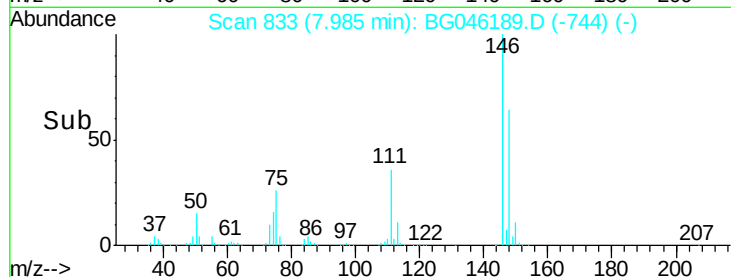
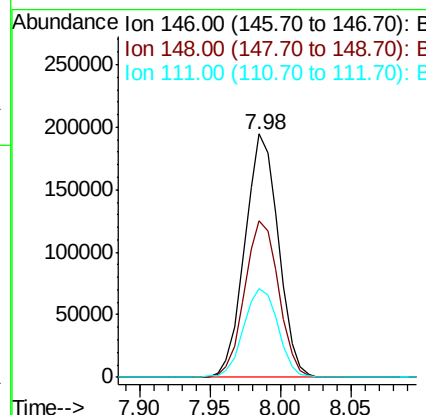
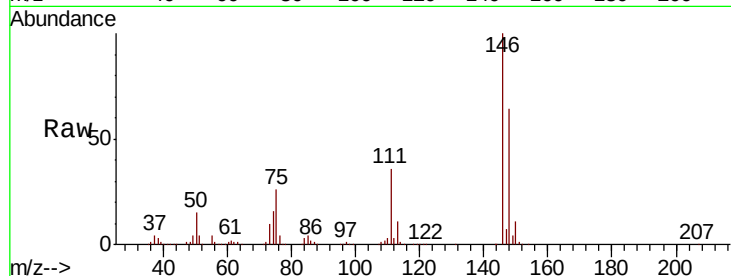




#13
 1,4-Dichlorobenzene
 Concen: 41.014 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

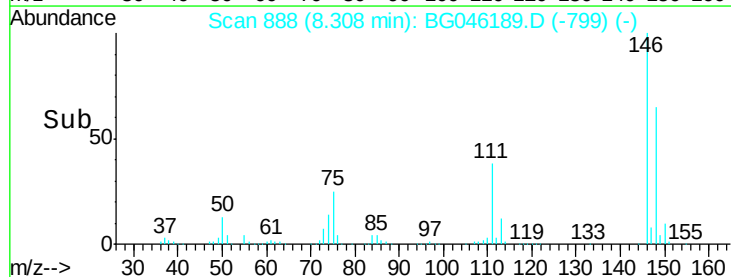
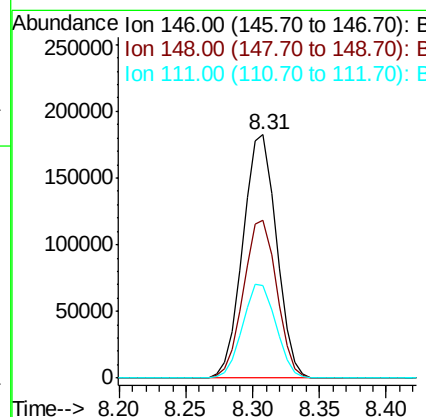
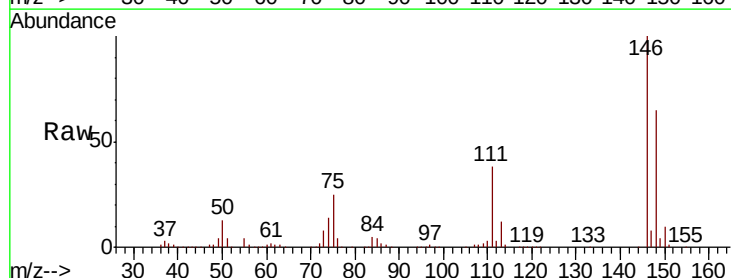
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

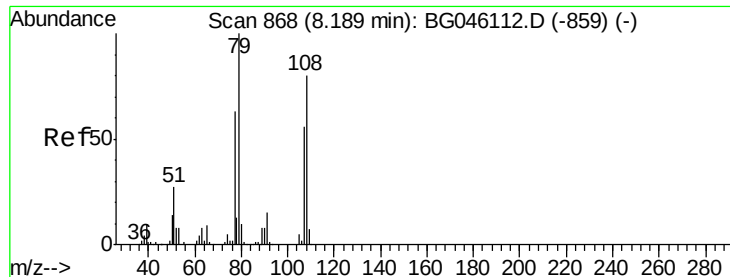
Tot Ion:146 Resp: 323692
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 36.4 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 42.633 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion:146 Resp: 317328
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 38.1 32.4 48.6





#15

Benzyl Alcohol

Concen: 44.712 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

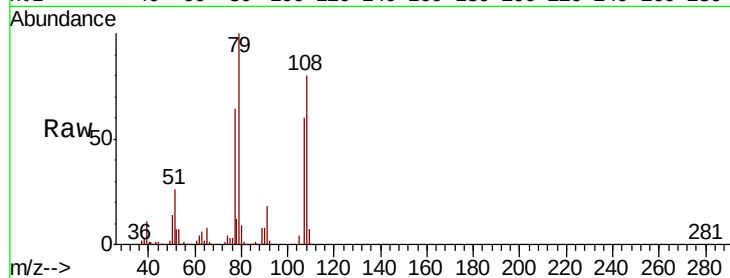
Tot Ion: 79 Resp: 246972

Ion Ratio Lower Upper

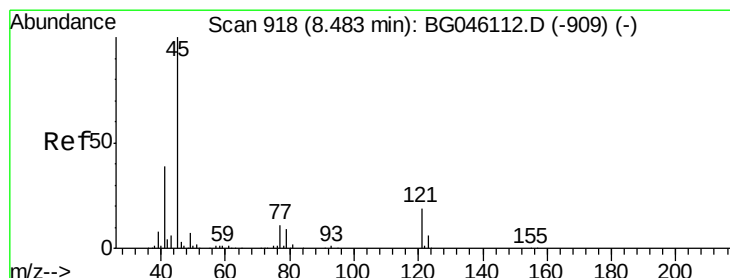
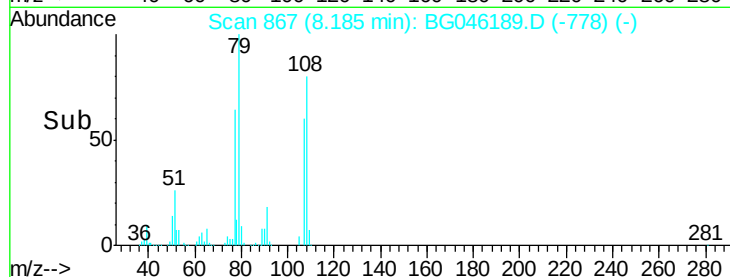
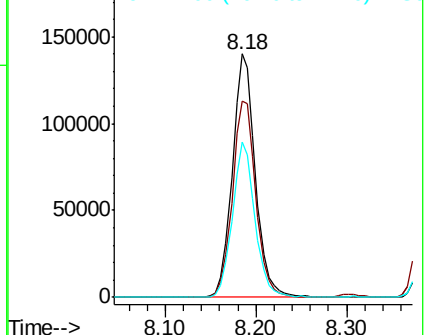
79 100

108 80.4 64.1 96.1

77 63.7 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.140 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

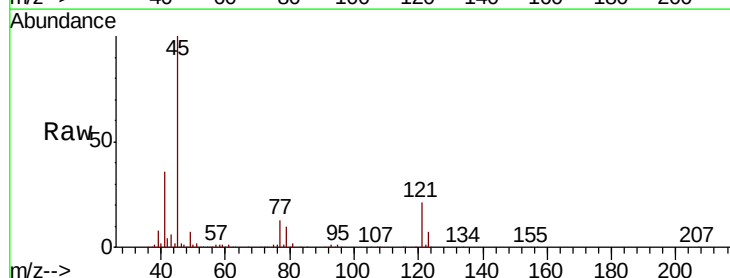
Tgt Ion: 45 Resp: 399550

Ion Ratio Lower Upper

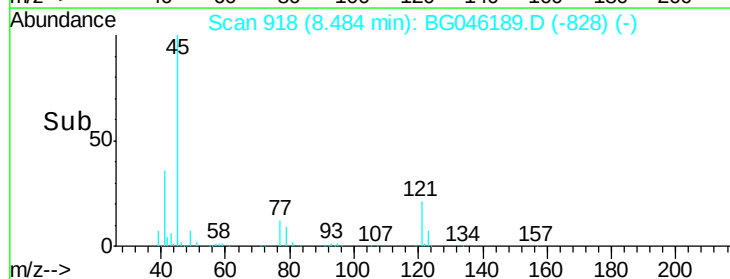
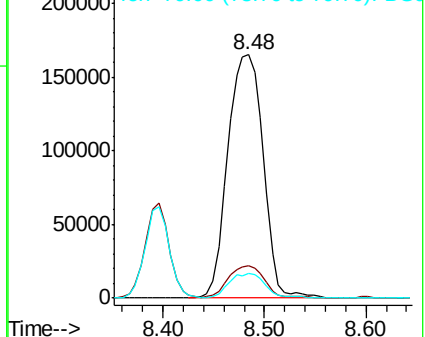
45 100

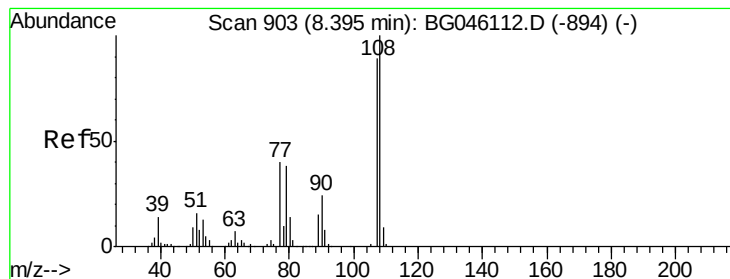
77 13.2 0.0 31.9

79 9.9 0.0 29.5



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





#17

2-Methylphenol

Concen: 46.930 ng

RT: 8.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion:107 Resp: 254518

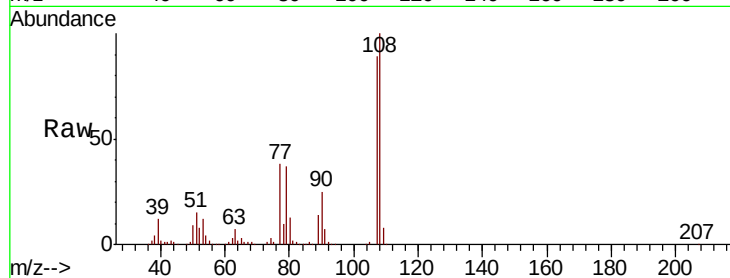
Ion Ratio Lower Upper

107 100

108 112.8 90.0 135.0

77 43.3 35.6 53.4

79 41.3 34.4 51.6

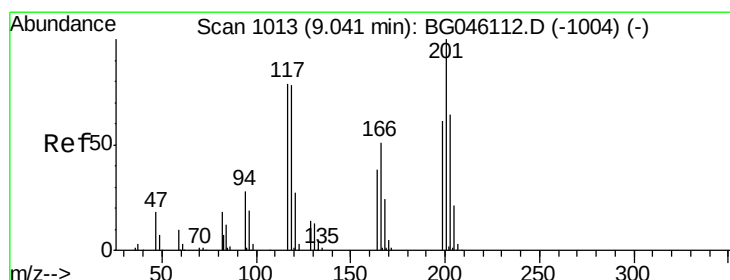
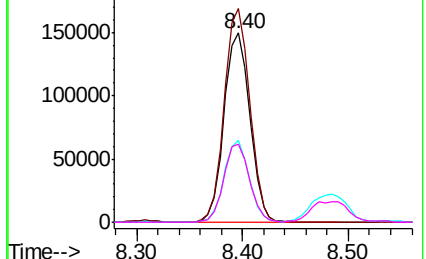
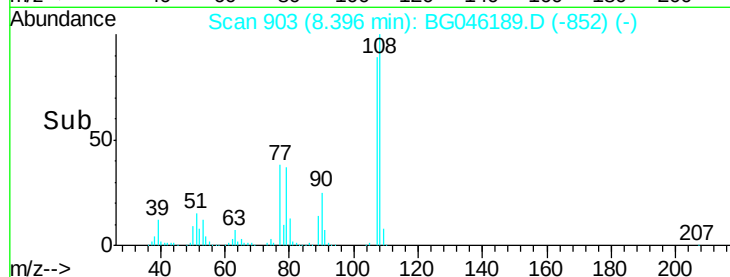


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.765 ng

RT: 9.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

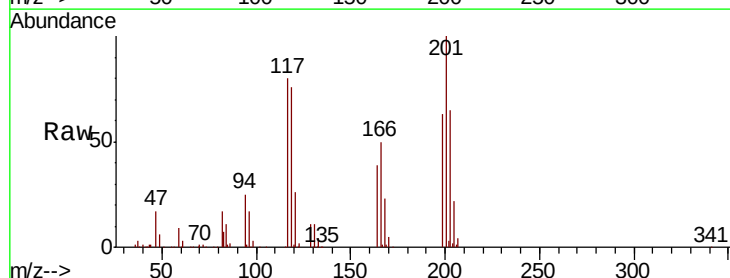
Tgt Ion:117 Resp: 112877

Ion Ratio Lower Upper

117 100

119 94.9 78.5 117.7

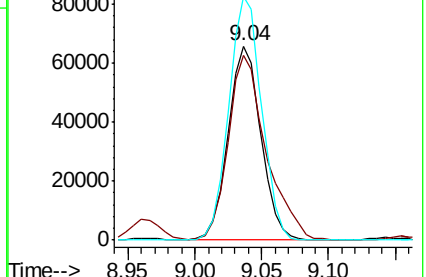
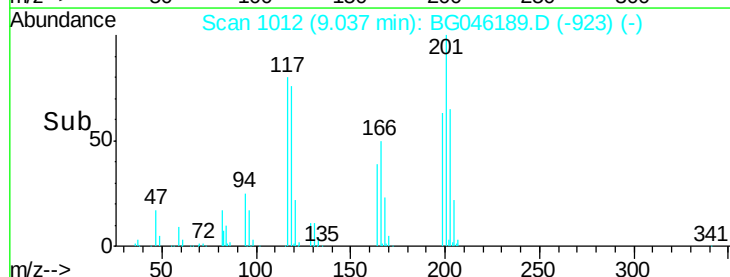
201 125.4 101.0 151.4

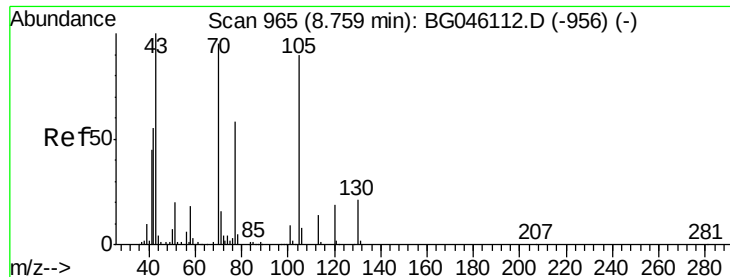


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

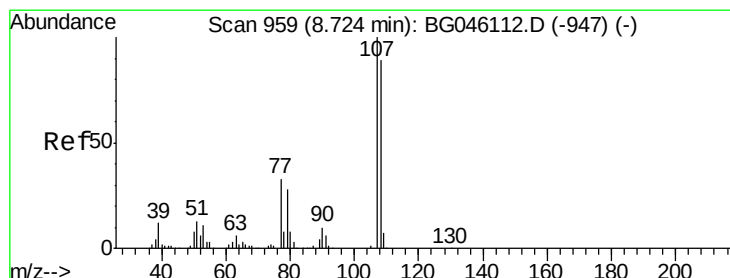
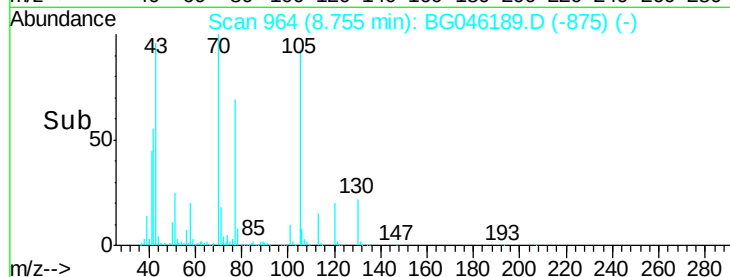
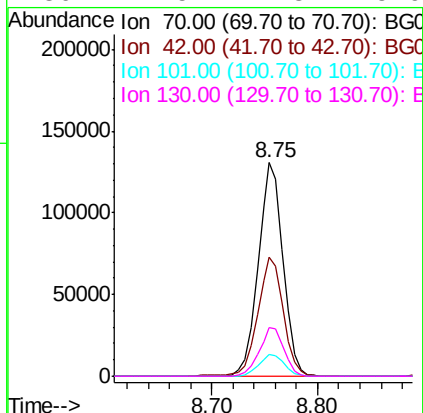
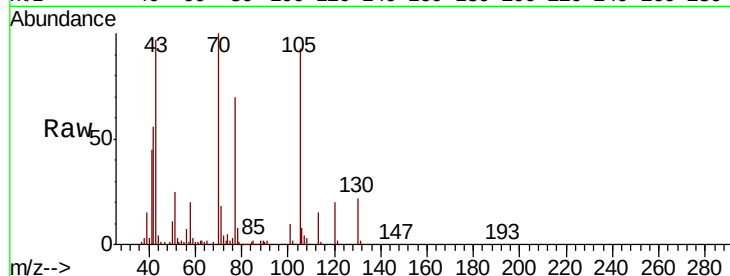




#19
n-Nitroso-di-n-propylamine
Concen: 40.909 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

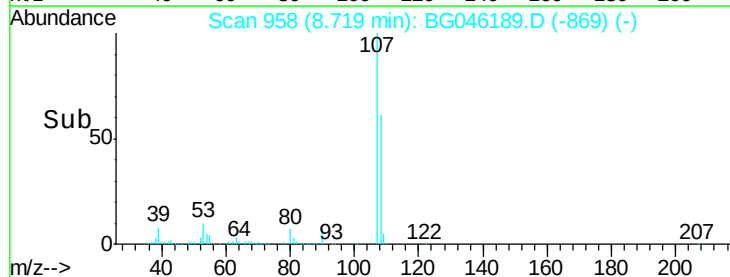
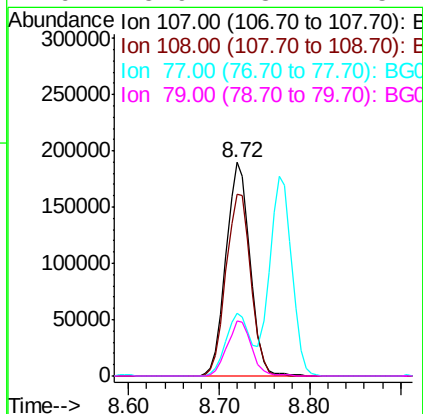
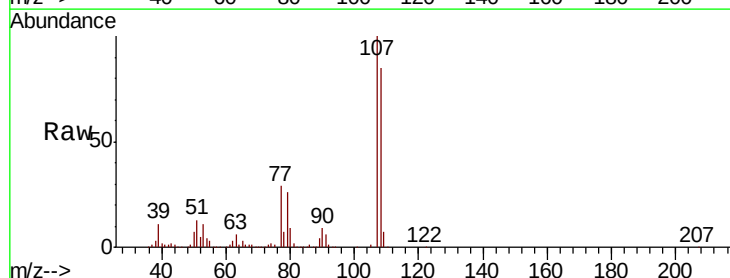
Instrument :
BNA_G
ClientSampleId :
SB-1MS

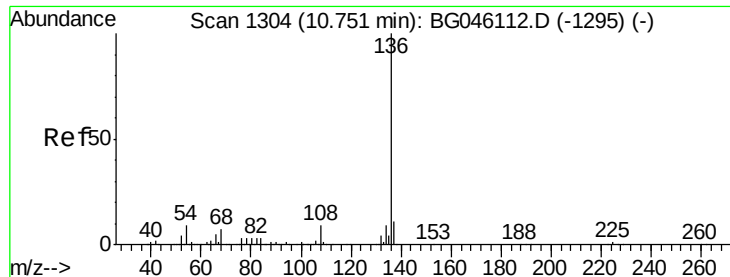
Tot Ion:	70	Resp:	212873
Ion	Ratio	Lower	Upper
70	100		
42	55.6	46.5	69.7
101	10.2	7.6	11.4
130	22.5	17.3	25.9



#20
3+4-Methylphenols
Concen: 47.071 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:	107	Resp:	349416
Ion	Ratio	Lower	Upper
107	100		
108	85.3	69.1	109.1
77	29.1	12.5	52.5
79	25.9	8.4	48.4

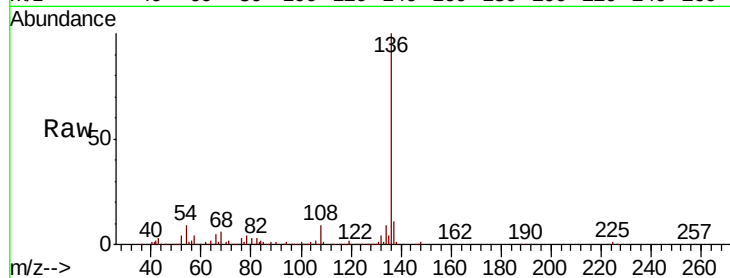




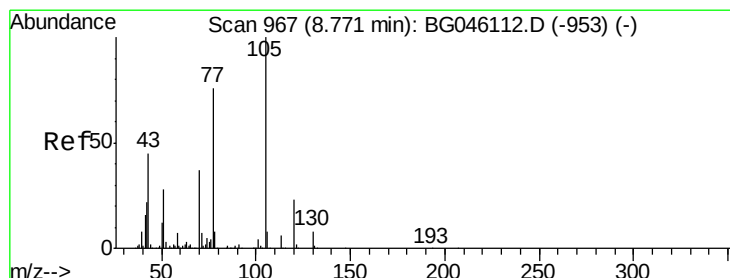
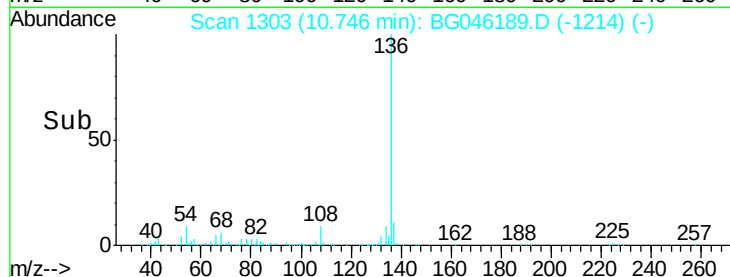
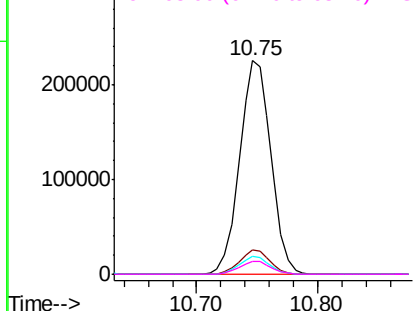
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion:136	Resp: 405152
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 8.7	7.0 10.4
68 6.1	5.3 7.9

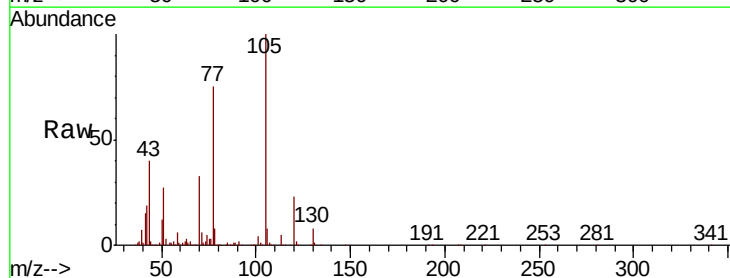


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

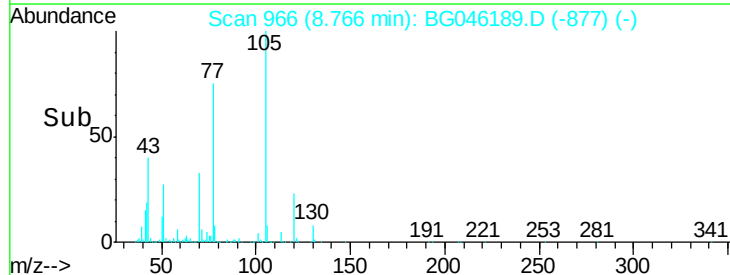
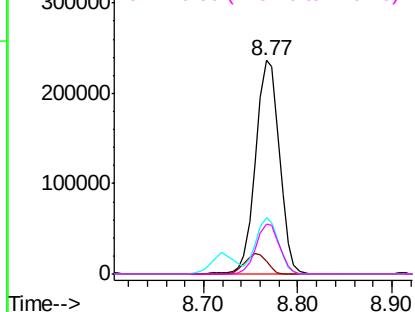


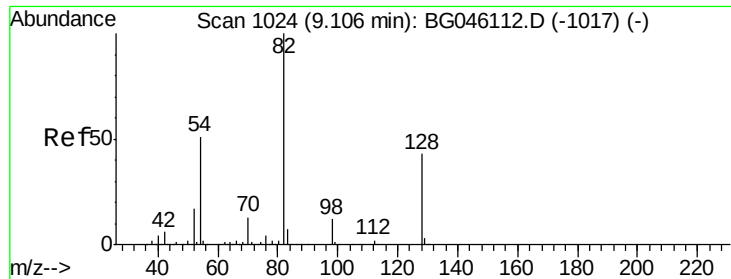
#22
Acetophenone
Concen: 40.093 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt	Ion:105	Resp:	416871
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.3	7.9
51	26.7	22.7	34.1
120	23.1	18.7	28.1



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

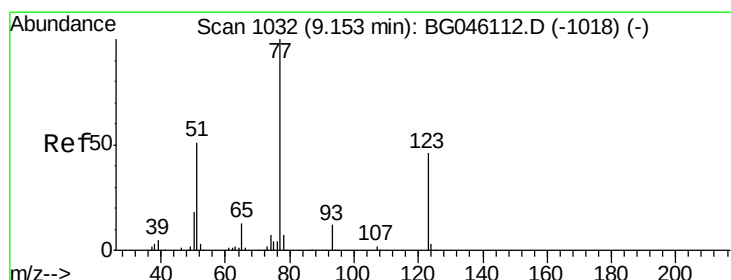
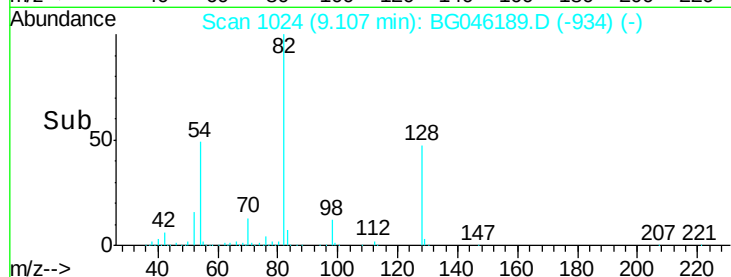
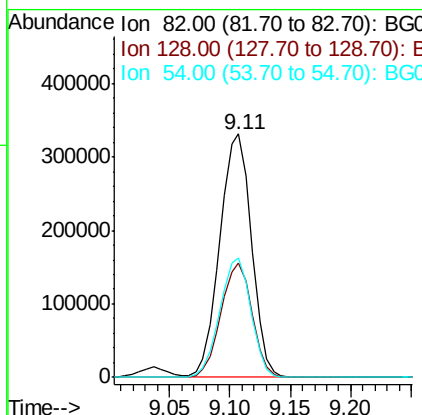
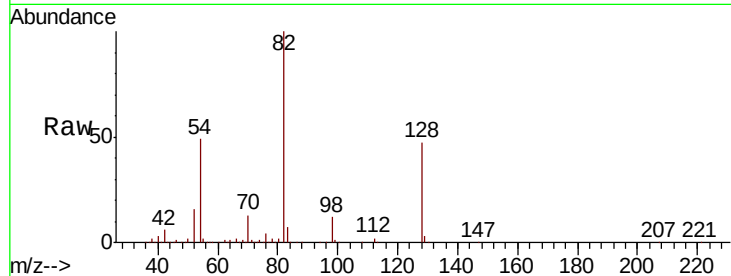




#23
 Nitrobenzene-d5
 Concen: 80.299 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

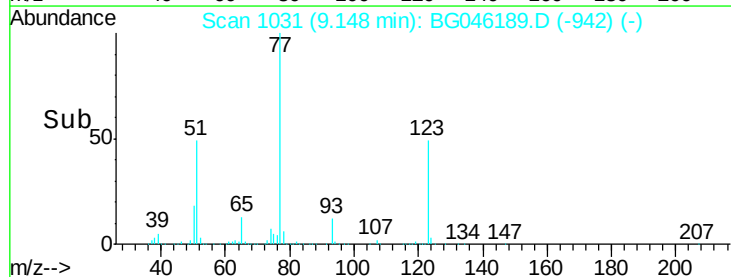
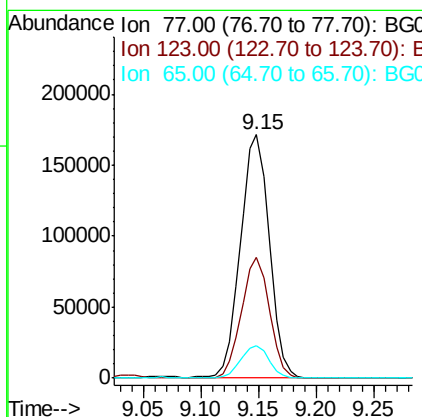
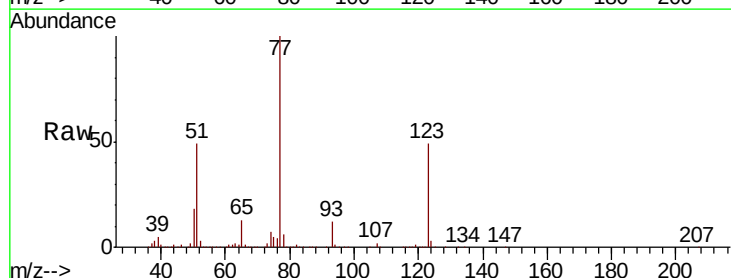
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

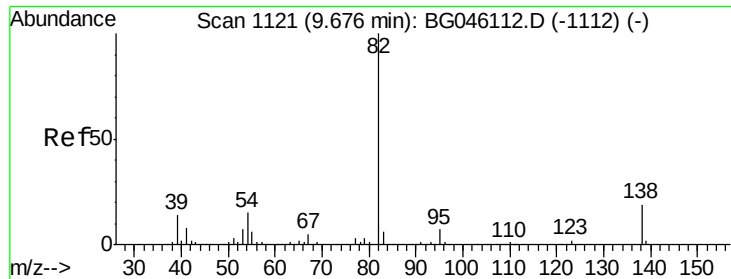
Tot Ion	82.00	Resp	600881
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.4	51.6
54	49.0	40.8	61.2



#24
 Nitrobenzene
 Concen: 37.306 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion	77.00	Resp	297634
Ion	Ratio	Lower	Upper
77	100		
123	49.3	36.8	55.2
65	13.1	10.2	15.2





#25

Isophorone

Concen: 39.503 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

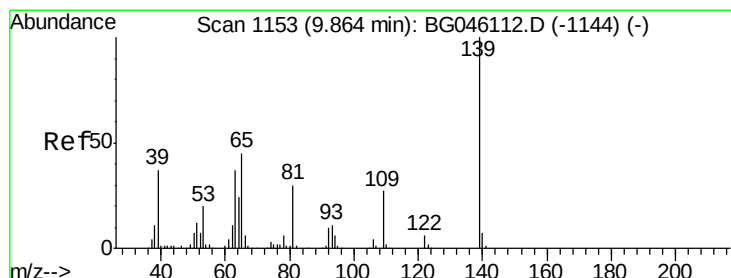
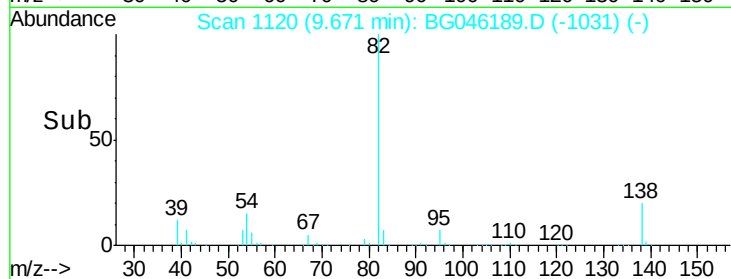
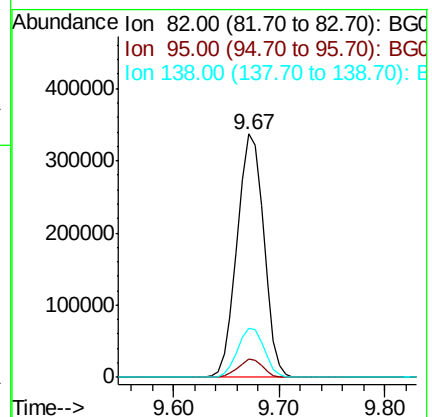
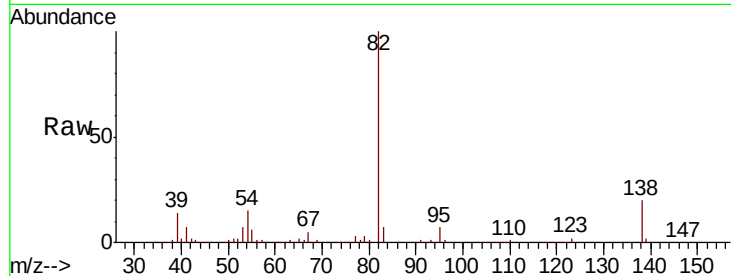
Tot Ion: 82 Resp: 588202

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 20.0 15.3 22.9



#26

2-Nitrophenol

Concen: 49.917 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

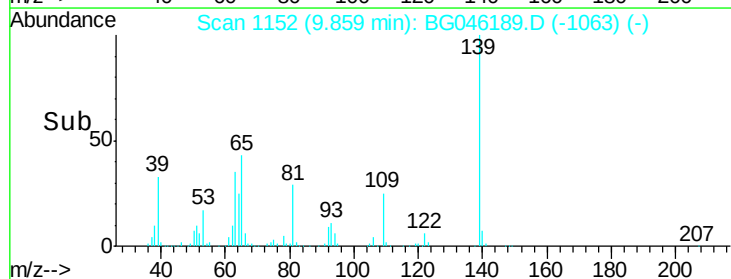
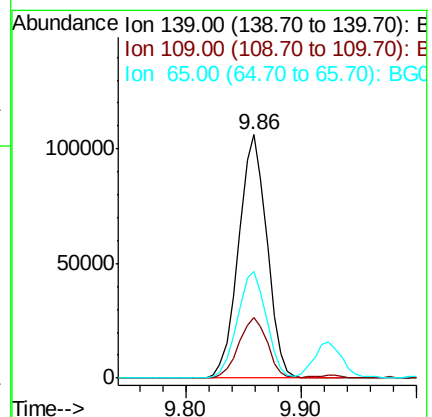
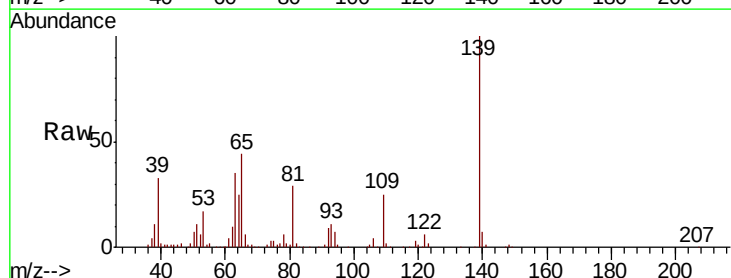
Tgt Ion: 139 Resp: 180490

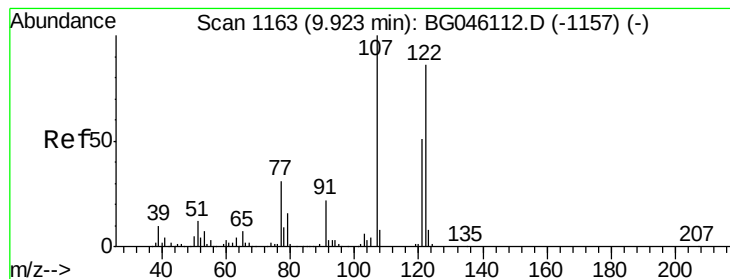
Ion Ratio Lower Upper

139 100

109 25.1 21.8 32.8

65 43.6 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 47.687 ng

RT: 9.92 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampled :

SB-1MS

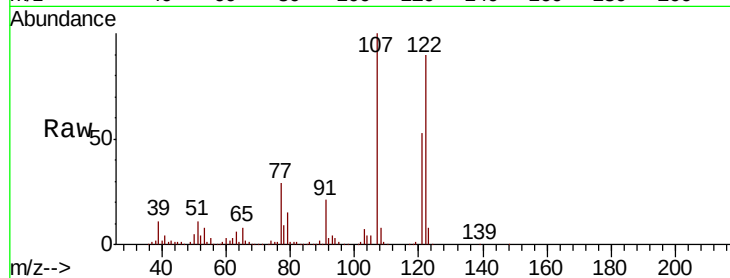
Tot Ion:122 Resp: 280534

Ion Ratio Lower Upper

122 100

107 111.5 92.4 138.6

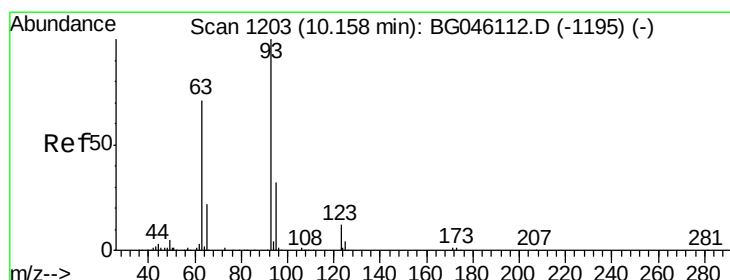
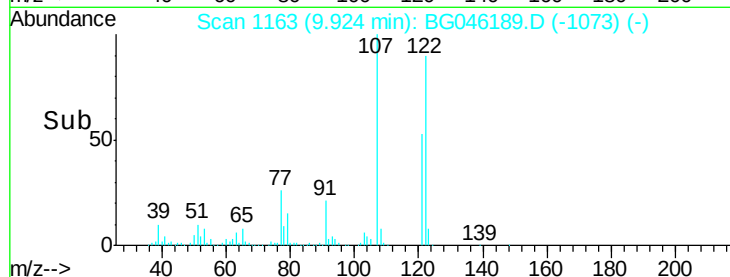
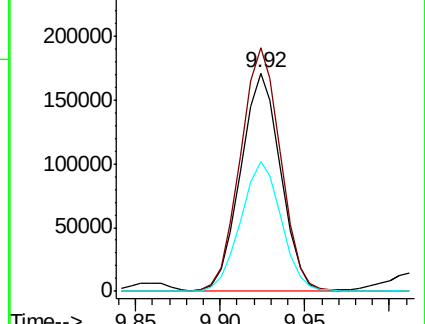
121 59.1 47.0 70.6



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: 44.110 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

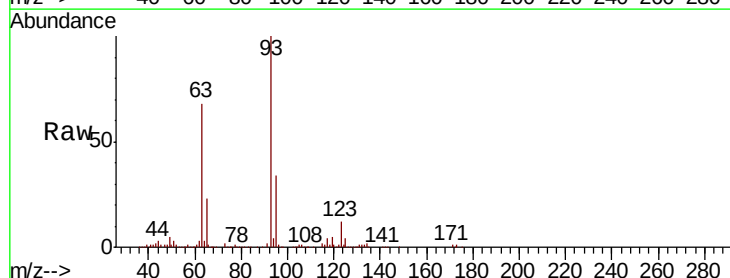
Tgt Ion: 93 Resp: 357127

Ion Ratio Lower Upper

93 100

95 33.6 26.0 39.0

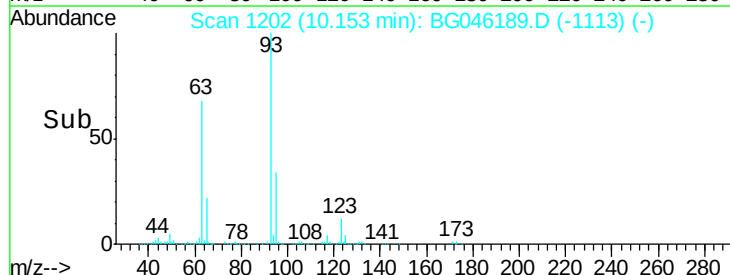
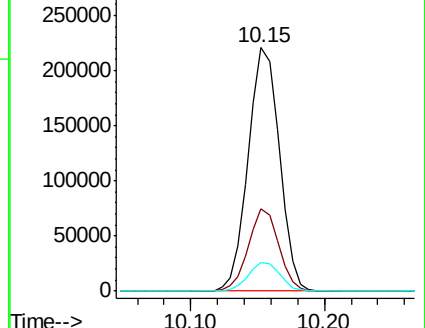
123 11.7 9.7 14.5

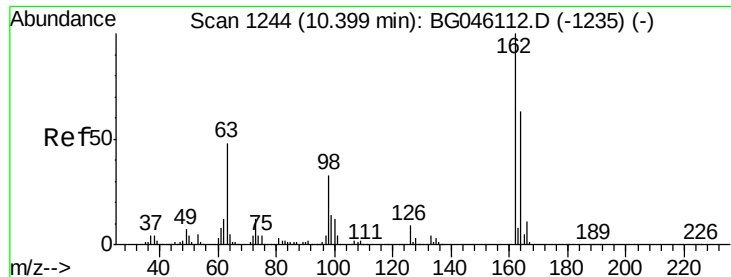


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

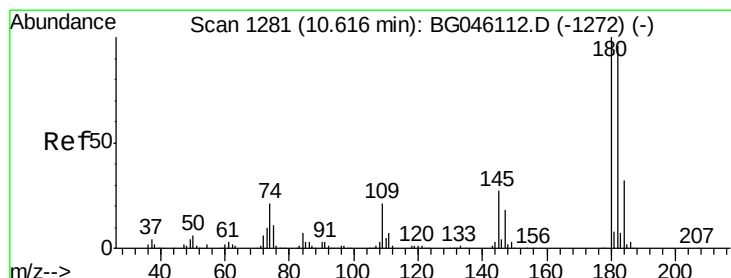
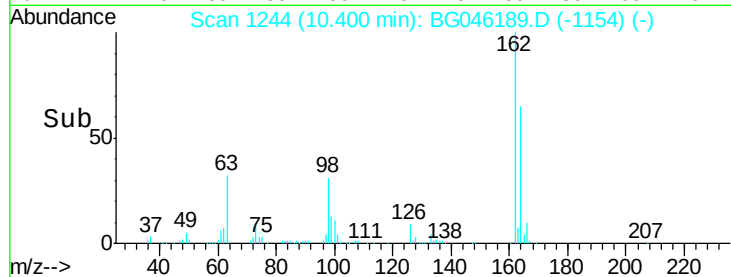
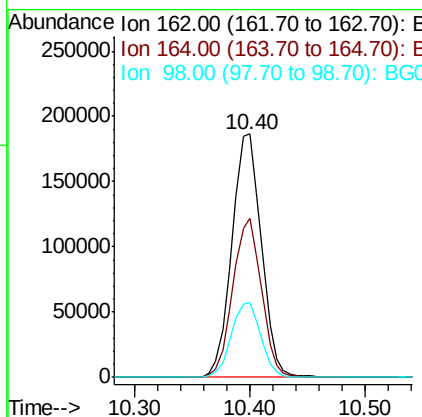
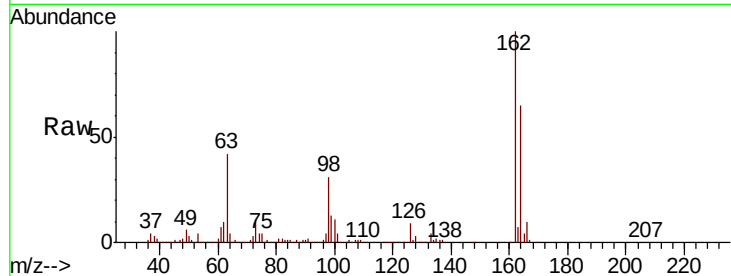




#29
 2,4-Dichlorophenol
 Concen: 47.688 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

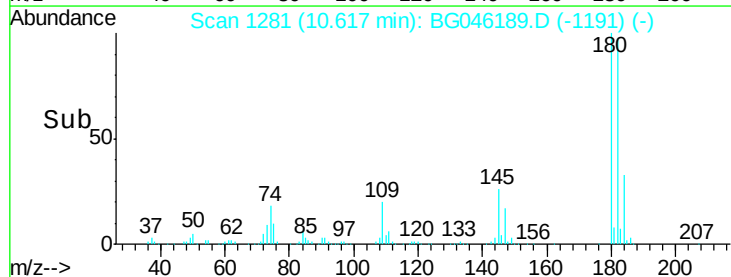
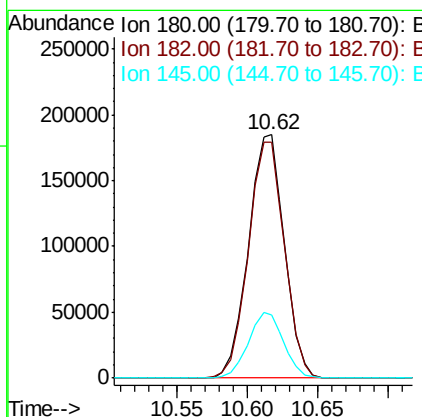
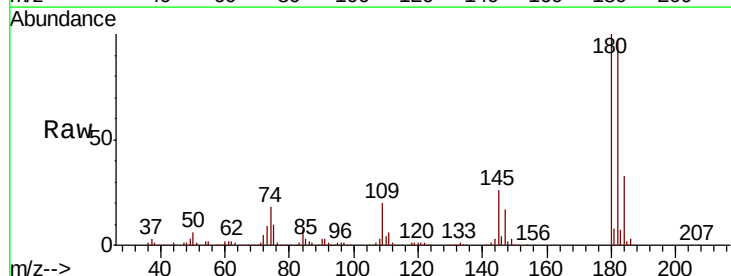
Instrument :
 BNA_G
 ClientSampled :
 SB-1MS

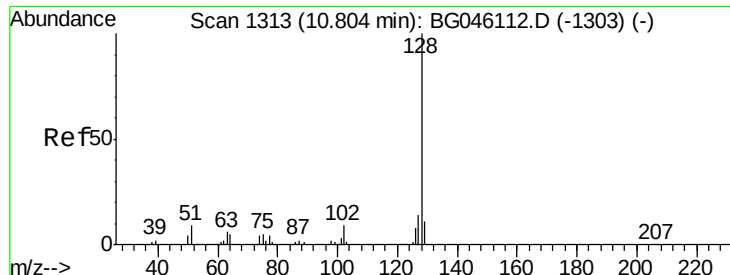
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.3	83.3
98	30.9	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.636 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.7	115.1
145	25.8	21.8	32.8

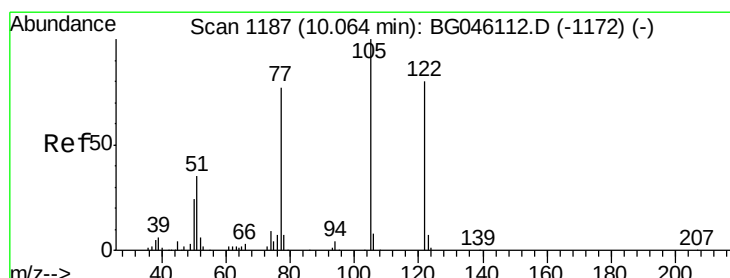
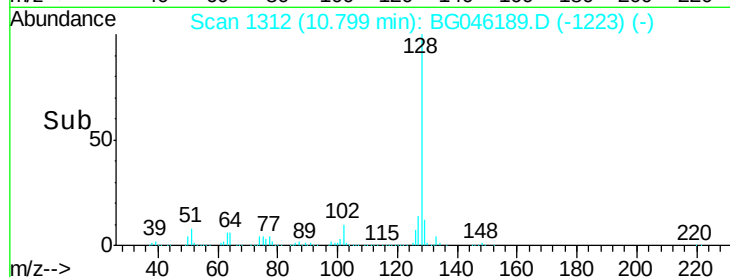
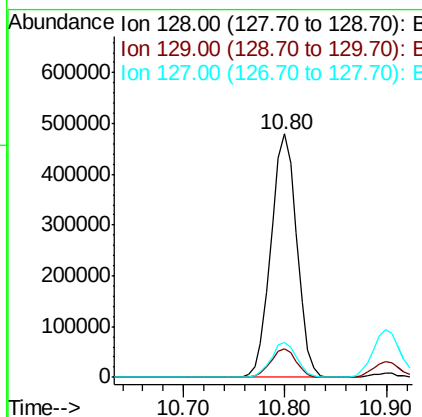
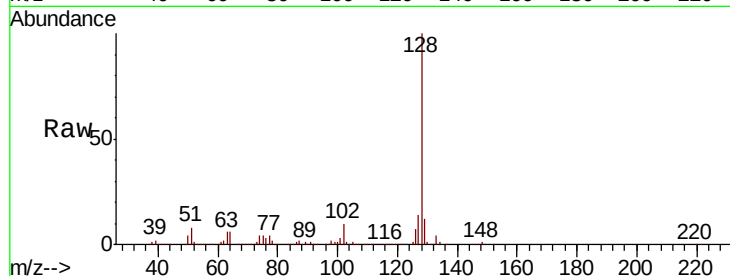




#31
Naphthalene
Concen: 39.739 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

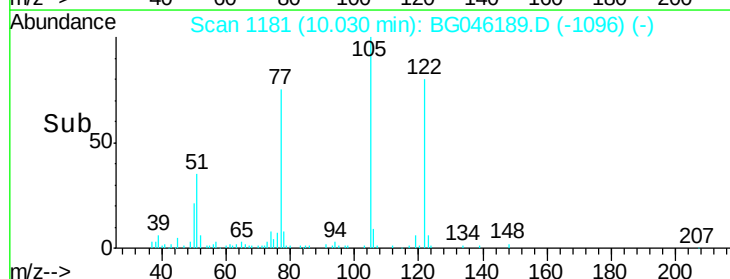
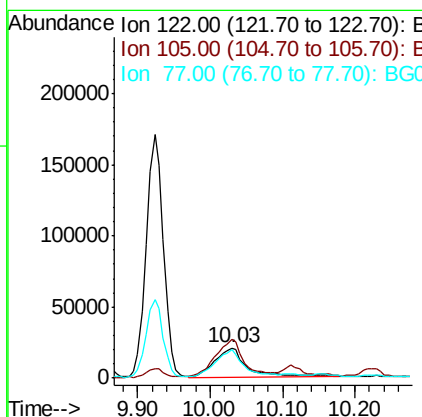
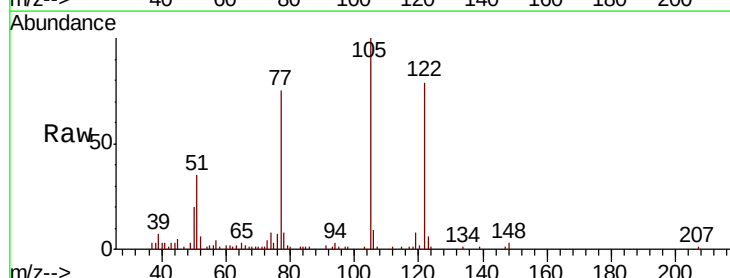
Instrument :
BNA_G
ClientSampleId :
SB-1MS

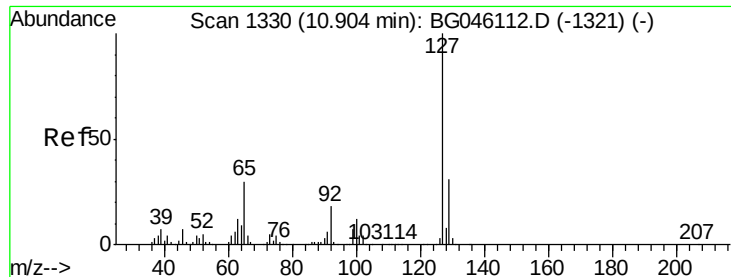
Tot Ion:128 Resp: 851893
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 21.312 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:122 Resp: 64030
Ion Ratio Lower Upper
122 100
105 127.1 103.0 143.0
77 95.6 75.2 115.2

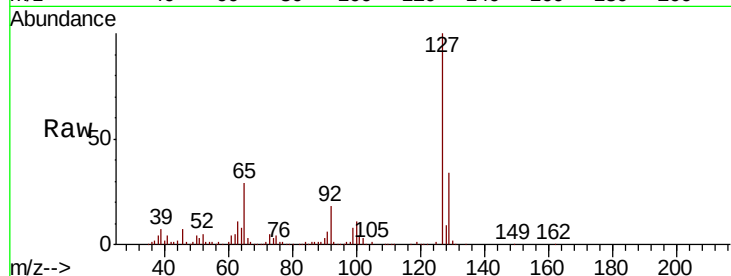




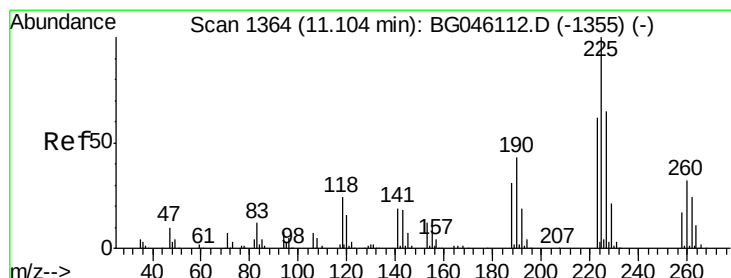
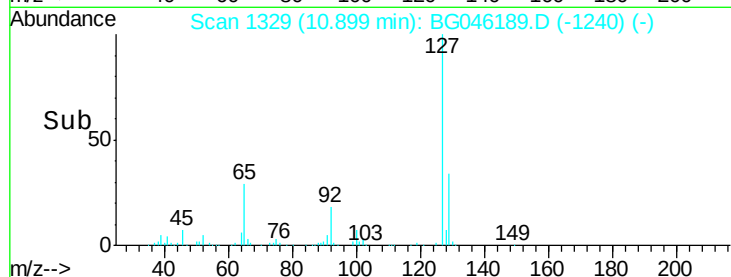
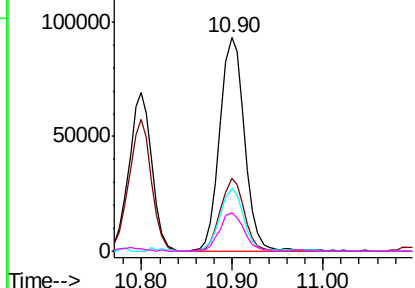
#33
4-Chloroaniline
Concen: 20.227 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion:	127	Resp:	177195
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.2	37.8
65	29.2	24.2	36.2
92	18.1	14.5	21.7

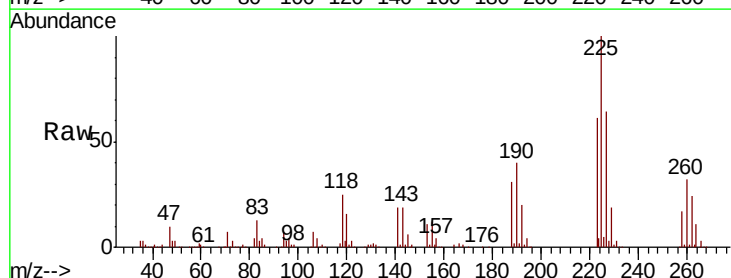


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

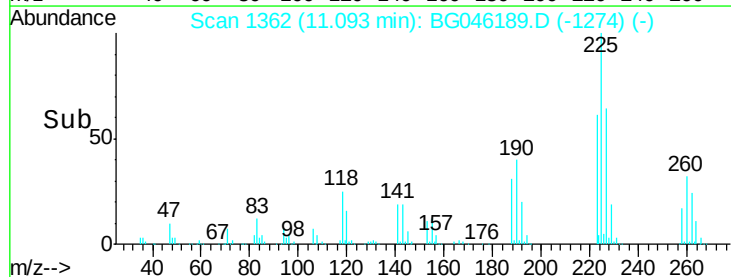
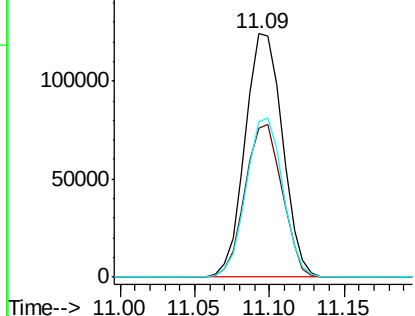


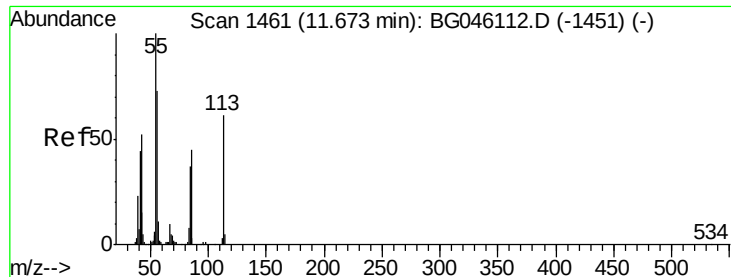
#34
Hexachlorobutadiene
Concen: 39.867 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:	225	Resp:	215142
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.8	74.6
227	63.6	51.9	77.9



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: 32.849 ng

RT: 11.68 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

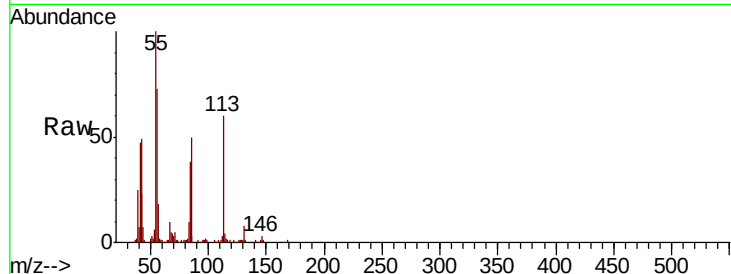
Tot Ion:113 Resp: 74402

Ion Ratio Lower Upper

113 100

55 166.5 144.7 184.7

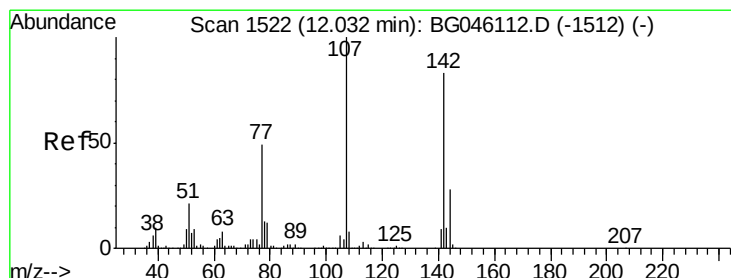
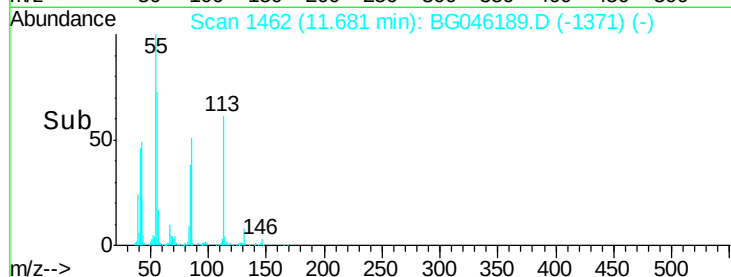
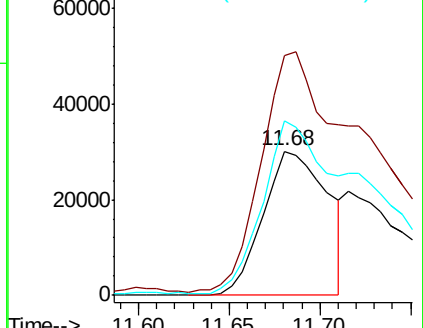
56 121.5 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.934 ng

RT: 12.03 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

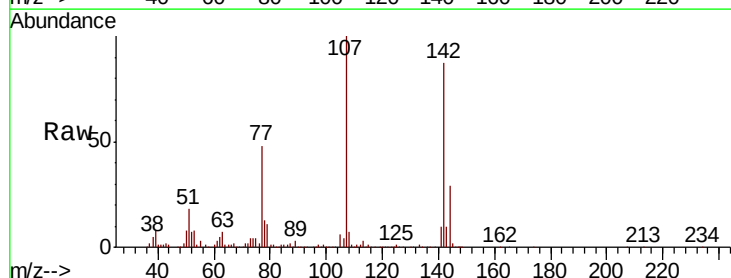
Tgt Ion:107 Resp: 325523

Ion Ratio Lower Upper

107 100

144 28.6 22.4 33.6

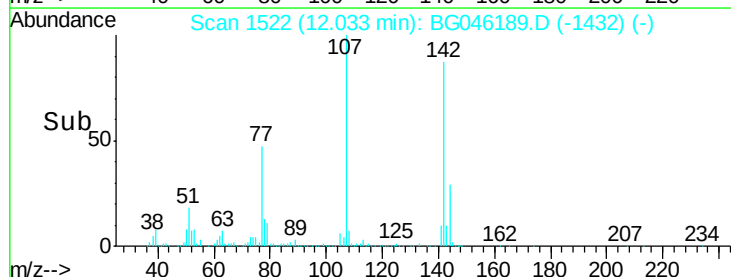
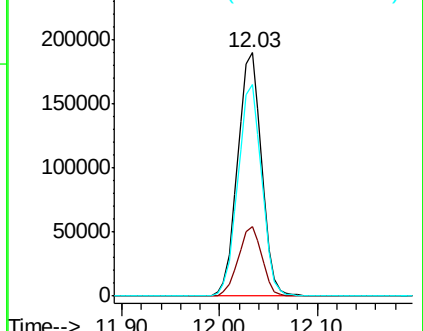
142 86.7 66.6 100.0

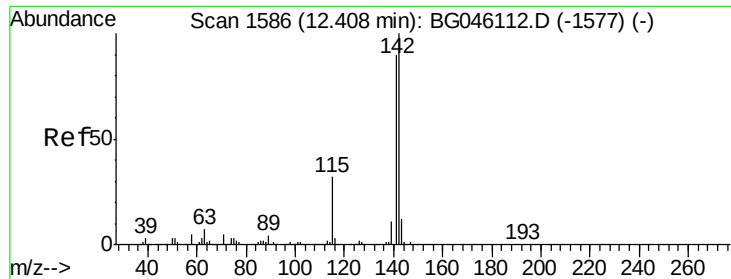


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

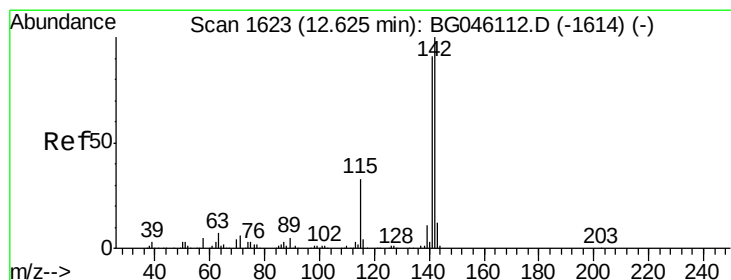
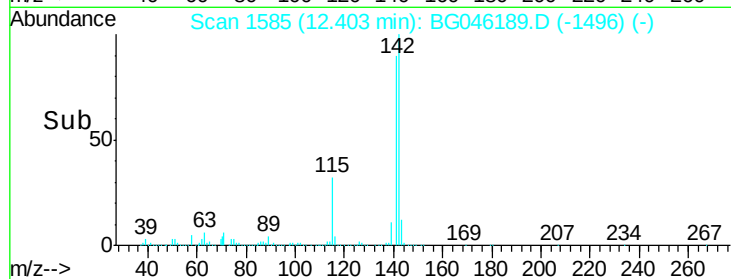
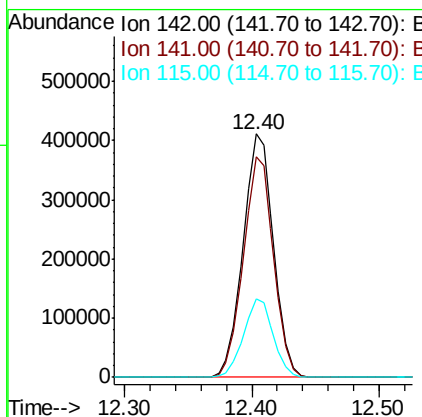
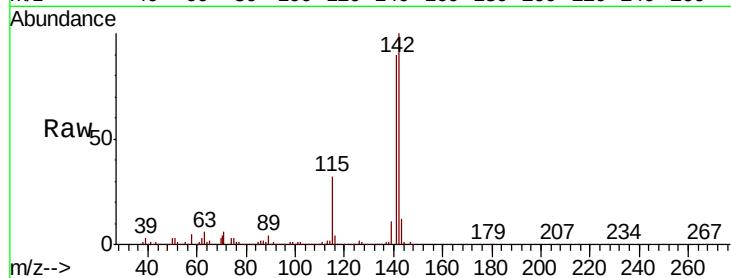




#37
2-Methylnaphthalene
Concen: 41.333 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

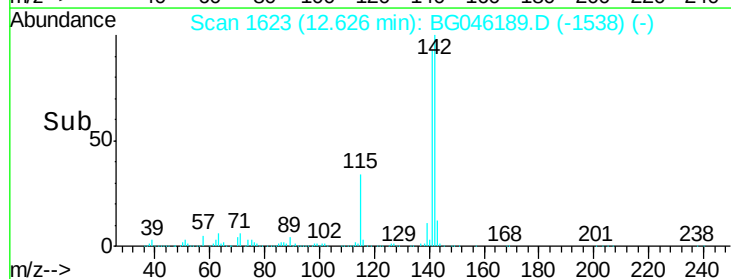
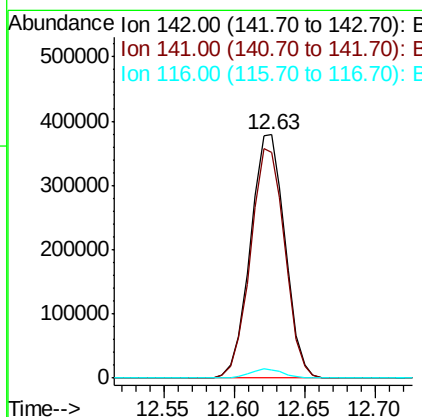
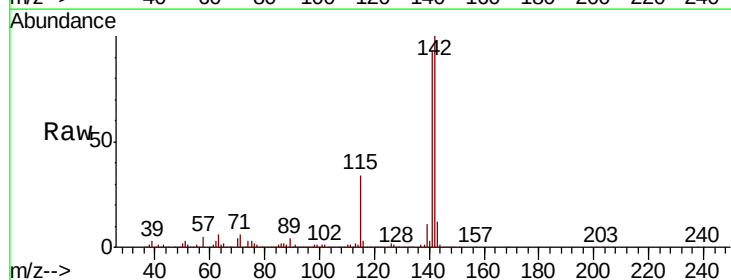
Instrument :
BNA_G
ClientSampled :
SB-1MS

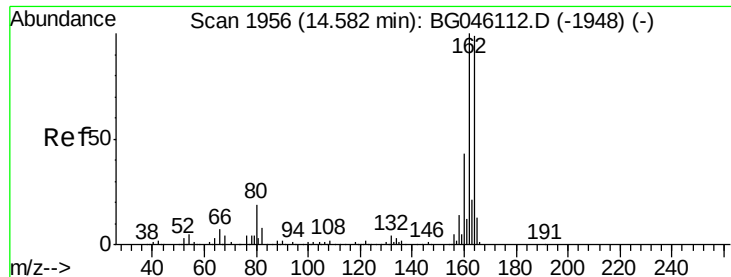
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.7	107.5
115	32.1	25.8	38.8



#38
1-Methylnaphthalene
Concen: 41.807 ng
RT: 12.63 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.0	109.4
116	3.3	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

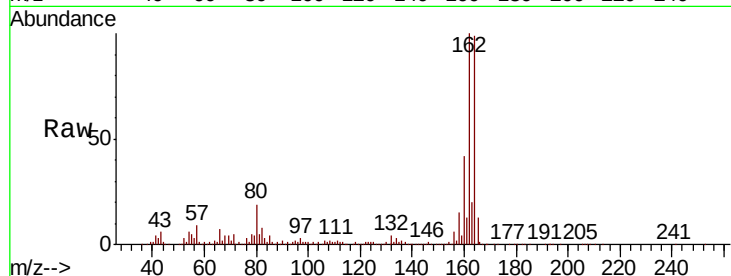
Tot Ion:164 Resp: 282559

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

160 42.6 34.9 52.3

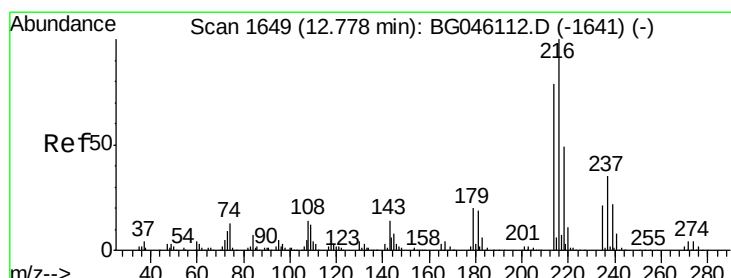
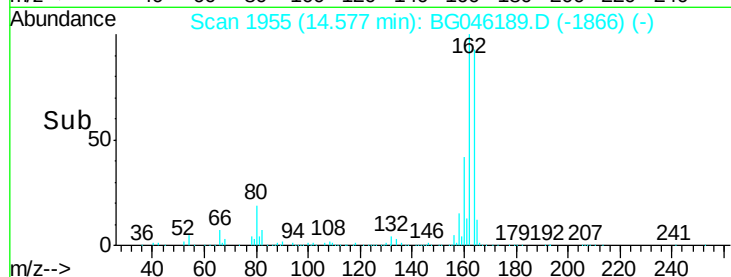
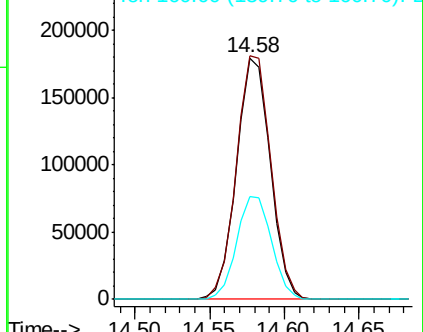


Abundance

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: 39.098 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Tgt Ion:216 Resp: 398039

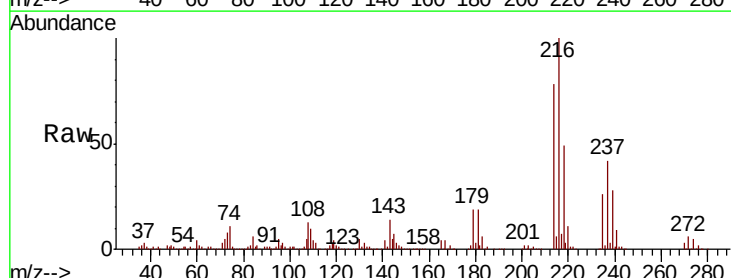
Ion Ratio Lower Upper

216 100

214 77.8 62.7 94.1

179 18.9 15.0 22.6

108 15.5 11.6 17.4



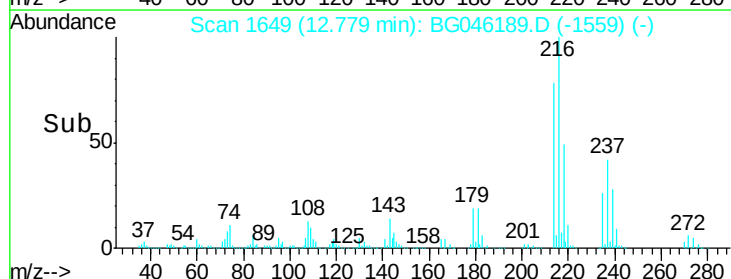
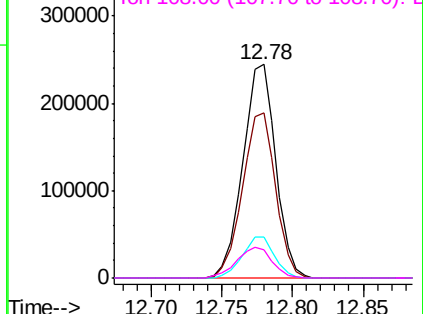
Abundance

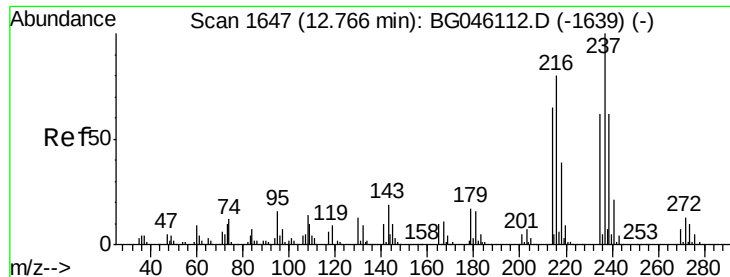
Ion 216.00 (215.70 to 216.70): E

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: 89.735 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

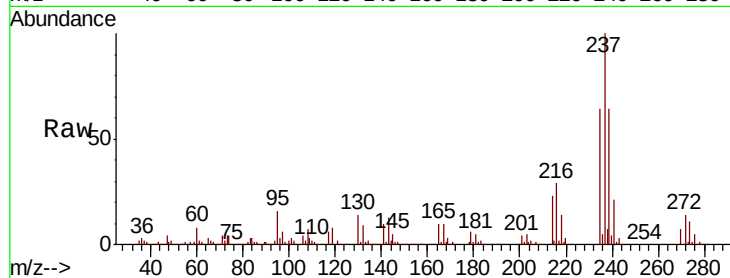
Tot Ion:237 Resp: 524011

Ion Ratio Lower Upper

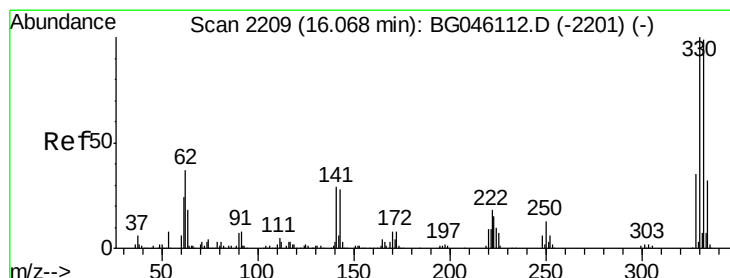
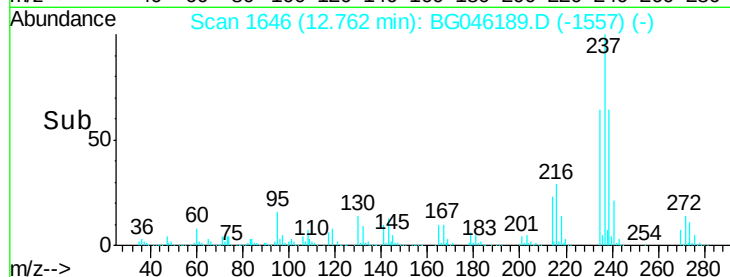
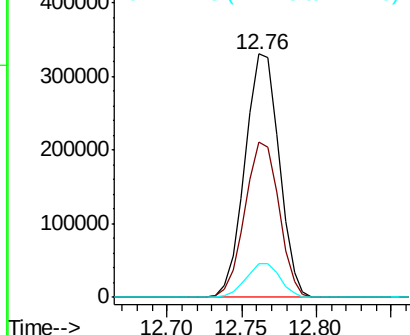
237 100

235 63.7 42.3 82.3

272 14.0 0.0 32.7



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: 143.742 ng

RT: 16.07 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

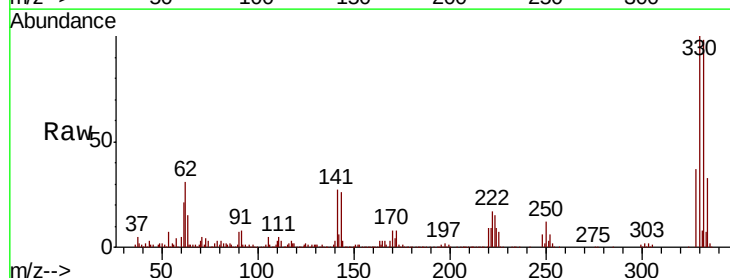
Tgt Ion:330 Resp: 623848

Ion Ratio Lower Upper

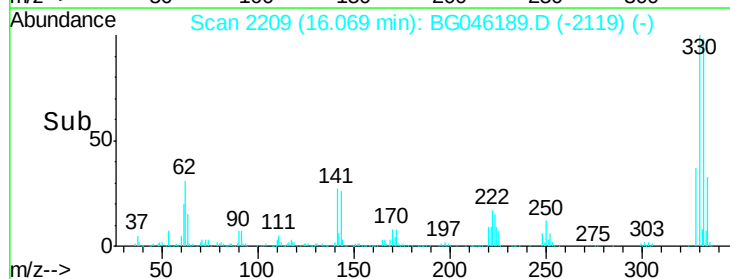
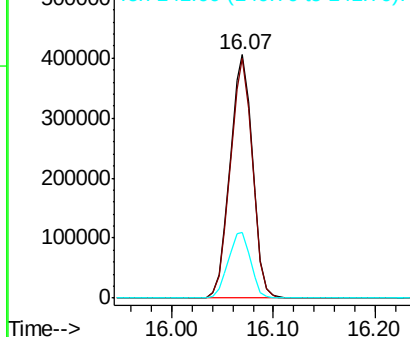
330 100

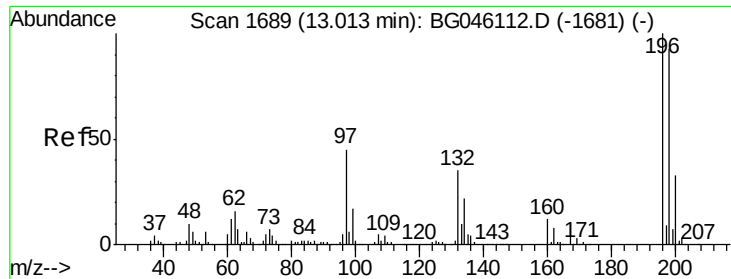
332 96.8 77.4 116.2

141 27.0 23.4 35.0



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

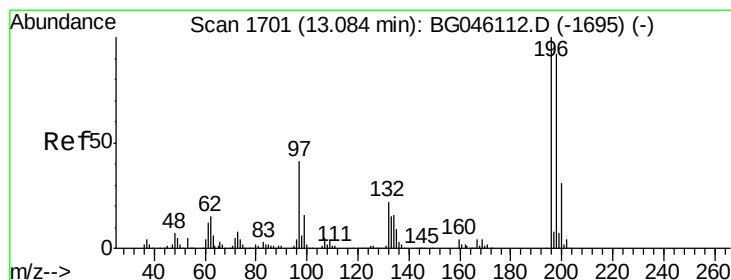
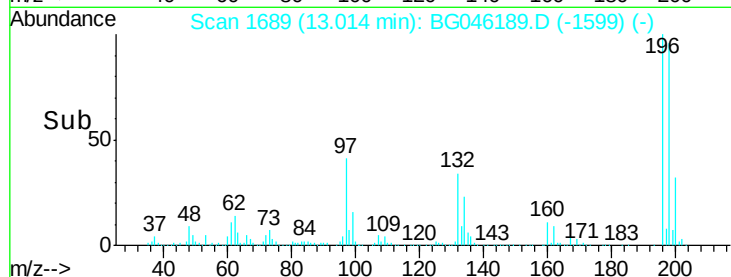
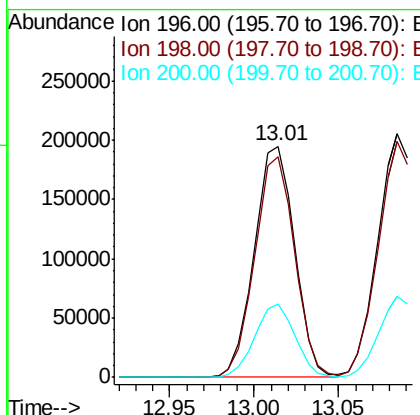
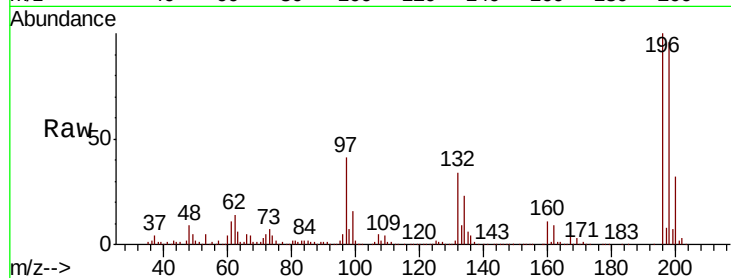




#43
 2,4,6-Trichlorophenol
 Concen: 49.635 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

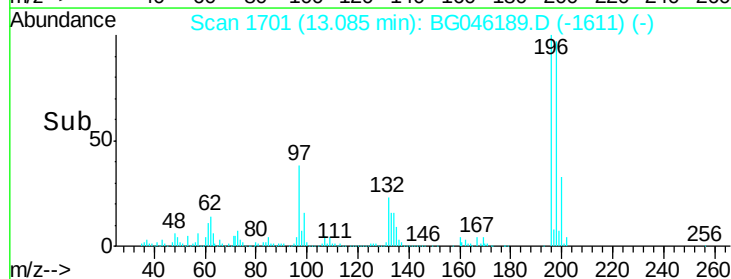
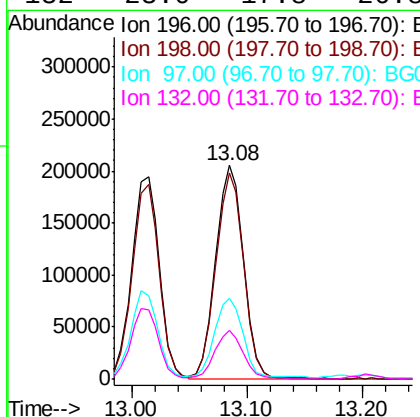
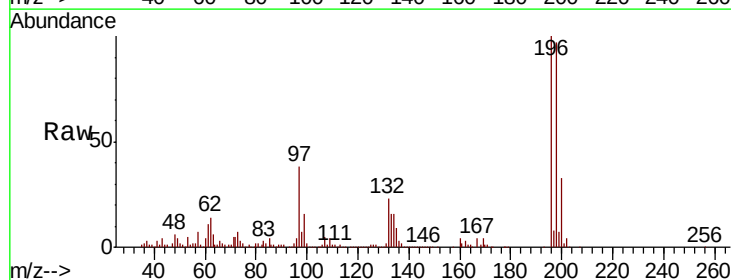
Instrument :
 BNA_G
 ClientSampled :
 SB-1MS

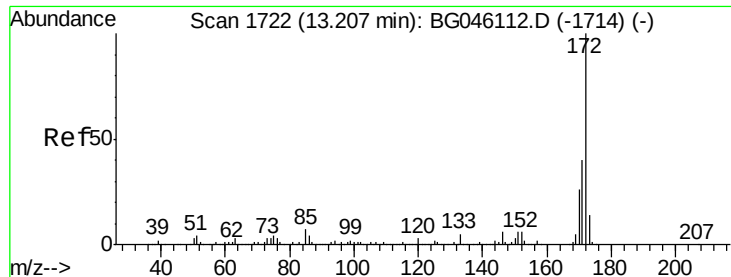
Tot Ion:196 Resp: 322394
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.2 111.4
 200 31.9 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 48.139 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion:196 Resp: 341158
 Ion Ratio Lower Upper
 196 100
 198 96.8 73.9 110.9
 97 38.0 32.7 49.1
 132 23.0 17.8 26.8

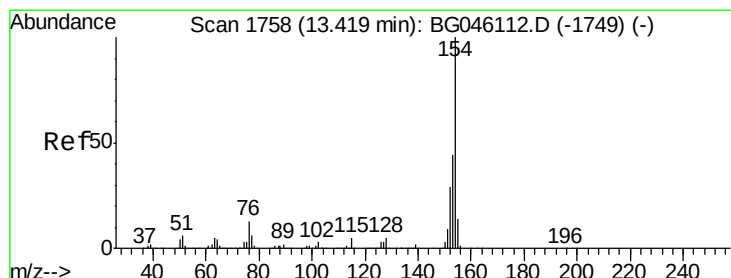
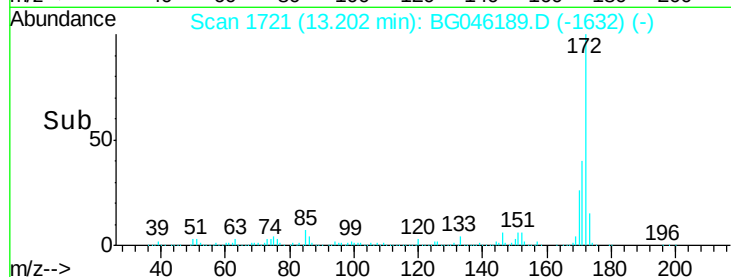
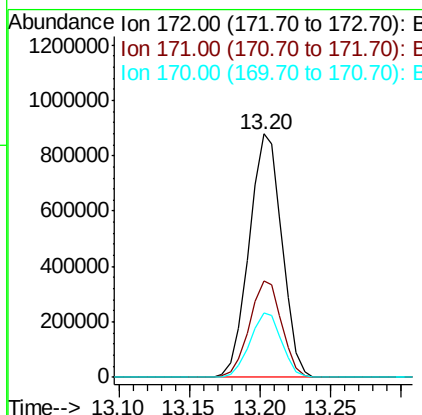
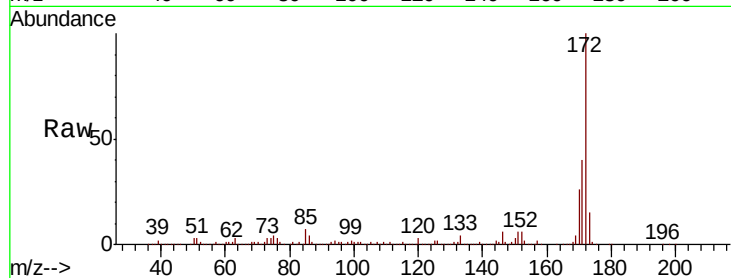




#45
2-Fluorobiphenyl
Concen: 73.800 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

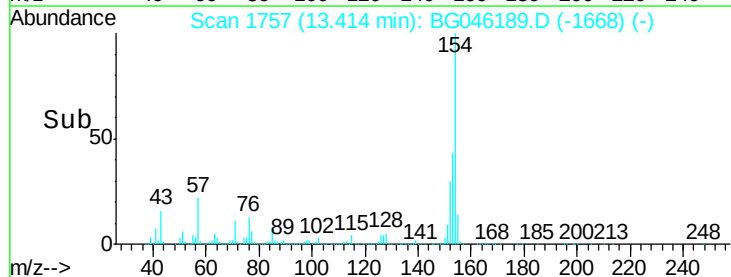
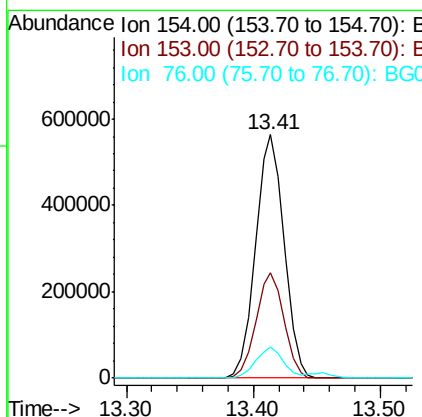
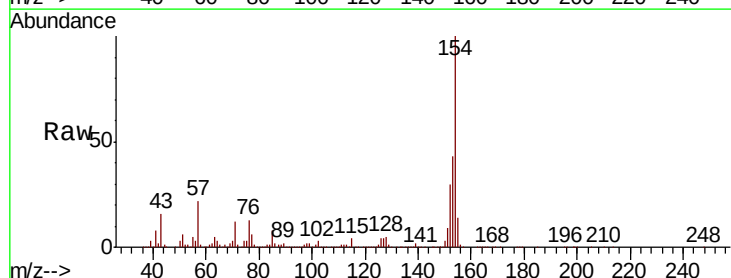
Instrument :
BNA_G
ClientSampled :
SB-1MS

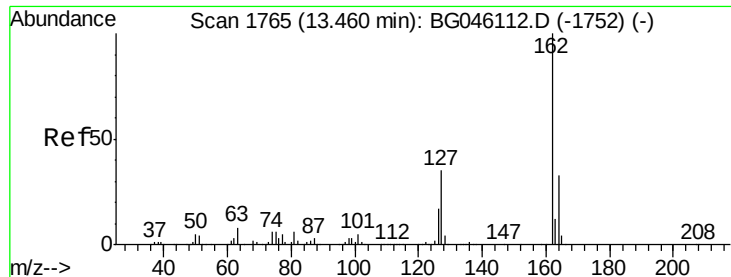
Tot Ion:172 Resp: 1435521
Ion Ratio Lower Upper
172 100
171 39.8 31.7 47.5
170 26.3 20.9 31.3



#46
1,1'-Biphenyl
Concen: 39.689 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:154 Resp: 879745
Ion Ratio Lower Upper
154 100
153 43.2 23.7 63.7
76 12.6 0.0 32.9

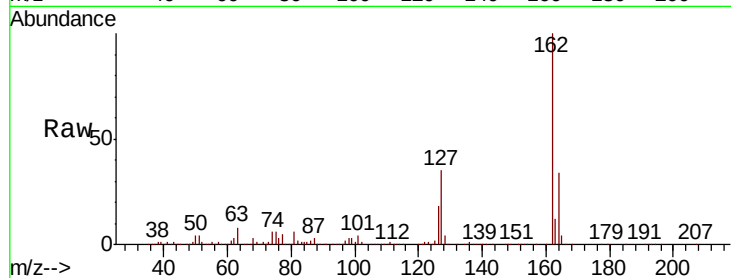




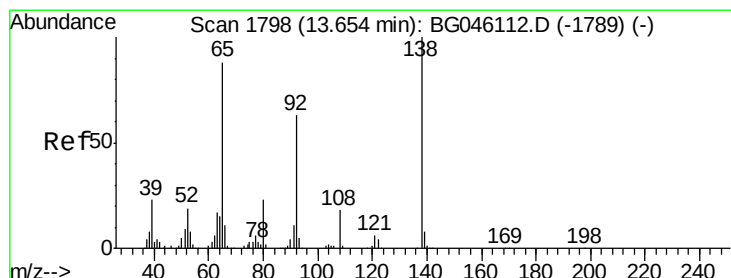
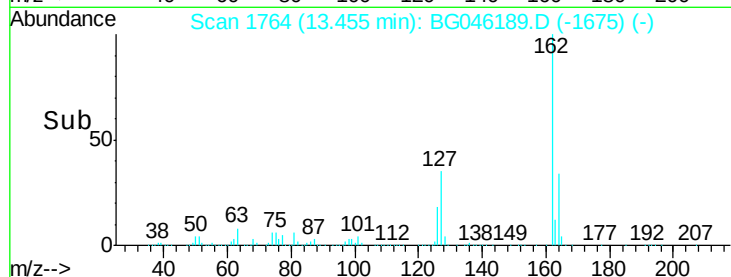
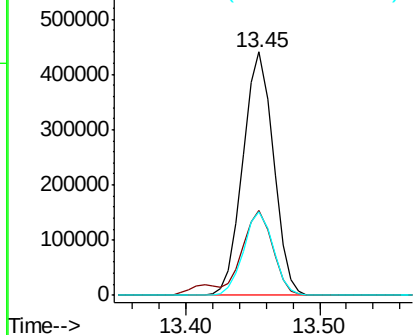
#47
 2-Chloronaphthalene
 Concen: 39.297 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Tot Ion:	162	Resp:	694808
Ion	Ratio	Lower	Upper
162	100		
127	34.7	28.0	42.0
164	34.2	26.5	39.7

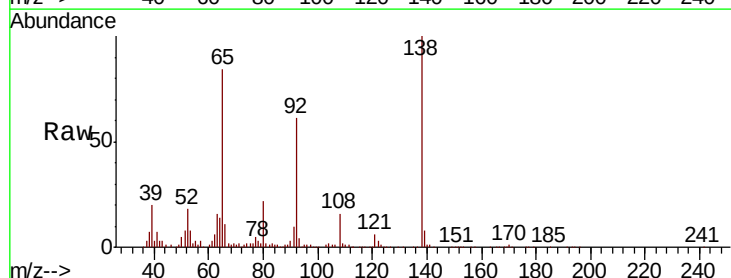


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

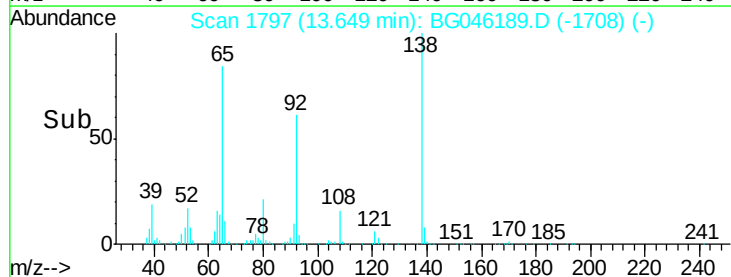
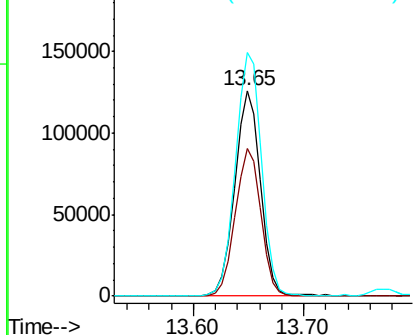


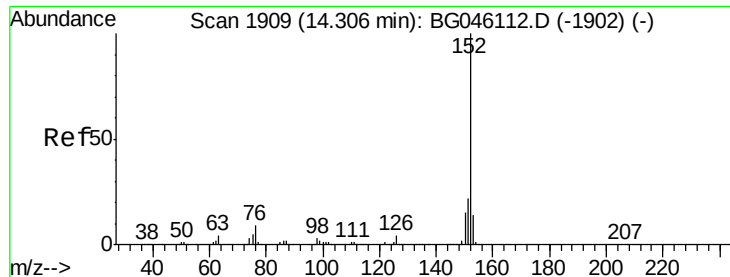
#48
 2-Nitroaniline
 Concen: 44.113 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion:	65	Resp:	204443
Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.4	86.2
138	118.7	91.1	136.7



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





#49

Acenaphthylene

Concen: 40.769 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

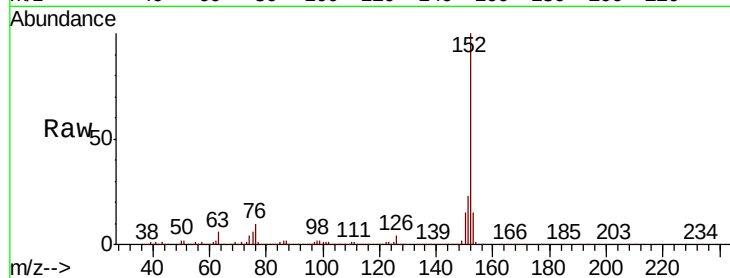
BNA_G

ClientSampleId :

SB-1MS

Tot Ion:152 Resp: 1119333

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.4	26.2
153	14.7	10.9	16.3

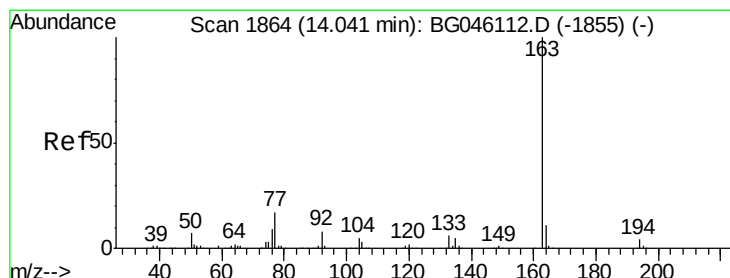
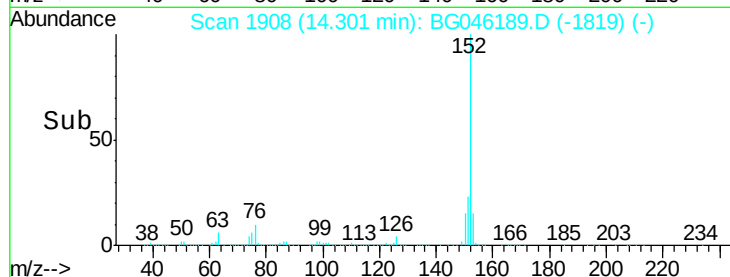
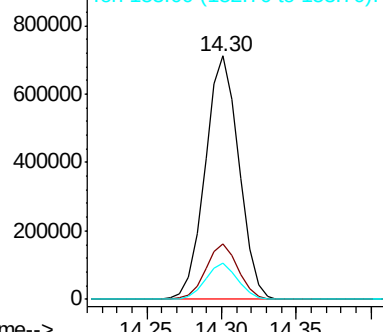


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.026 ng

RT: 14.04 min Scan# 1863

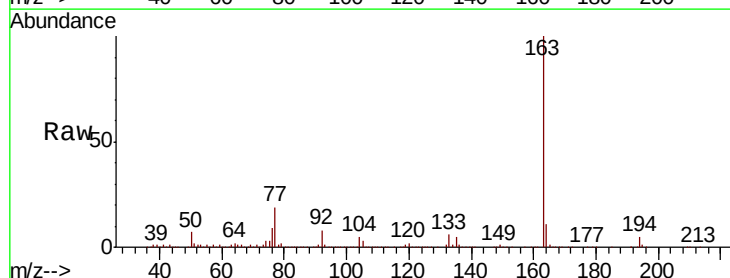
Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Tgt Ion:163 Resp: 1149963

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	11.5	8.8	13.2

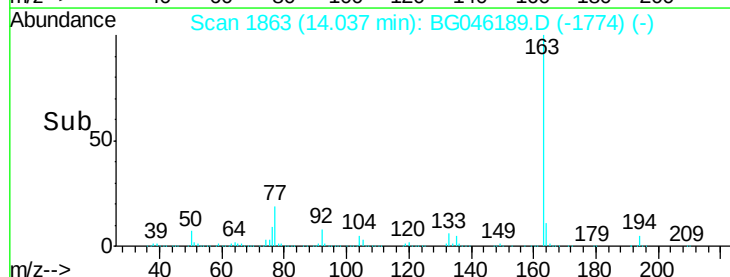
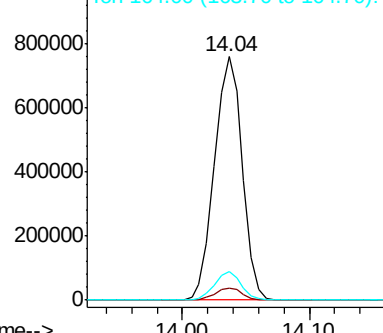


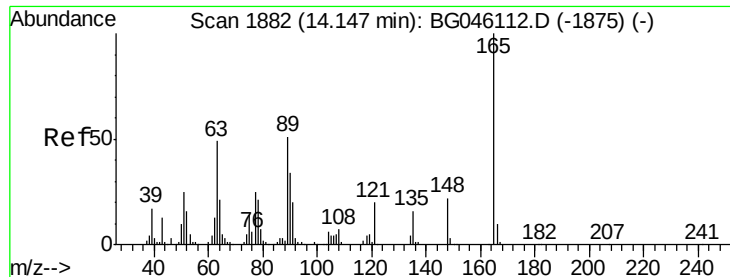
Abundance

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

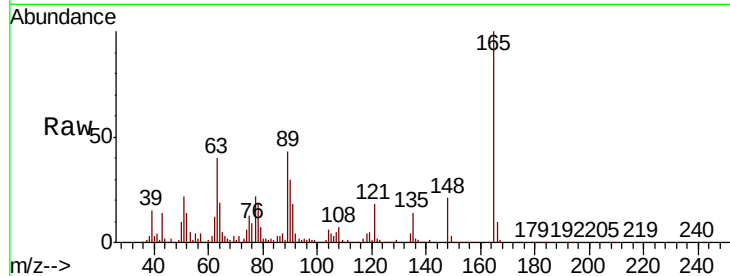




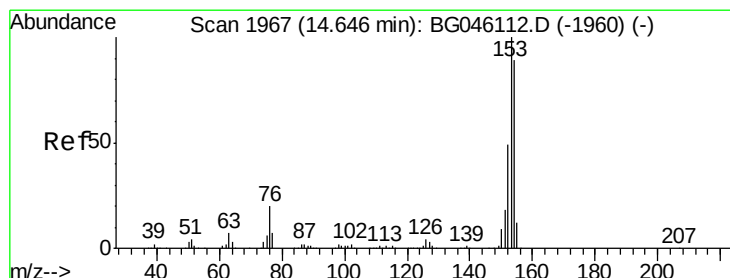
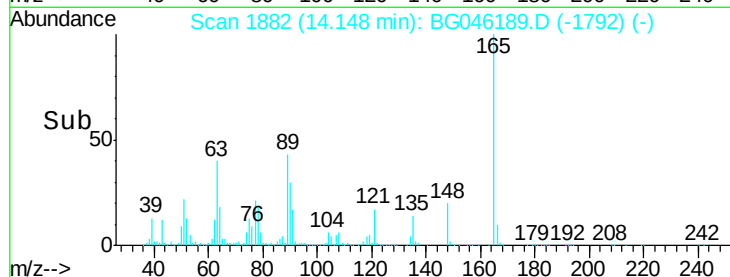
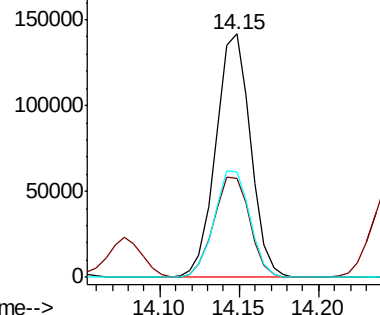
#51
 2,6-Dinitrotoluene
 Concen: 42.506 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. 0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Tot Ion:165 Resp: 214534
 Ion Ratio Lower Upper
 165 100
 63 40.5 39.7 59.5
 89 43.3 41.0 61.6

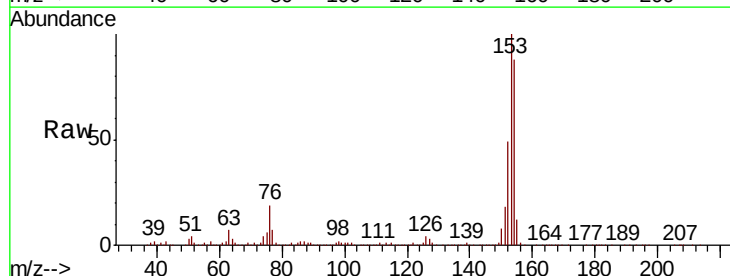


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

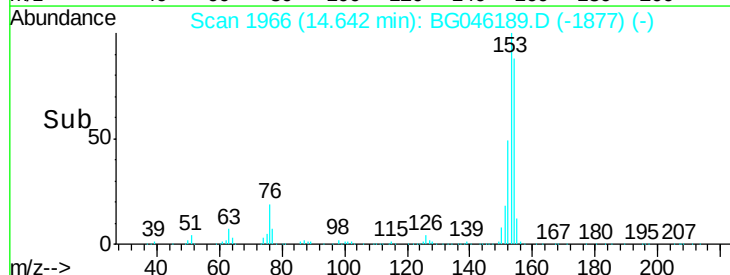
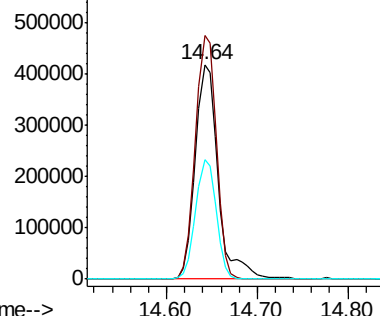


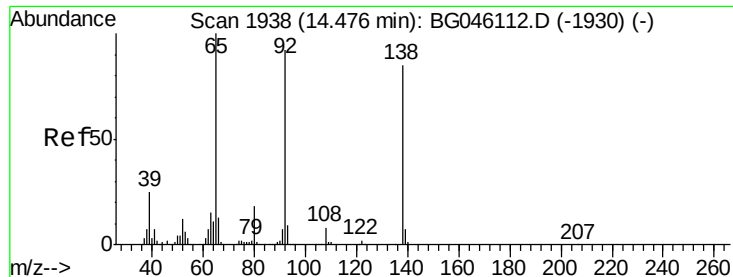
#52
 Acenaphthene
 Concen: 40.304 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion:154 Resp: 730306
 Ion Ratio Lower Upper
 154 100
 153 113.6 89.8 134.8
 152 55.7 44.5 66.7



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

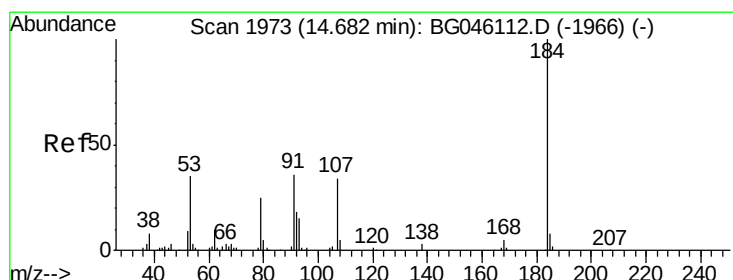
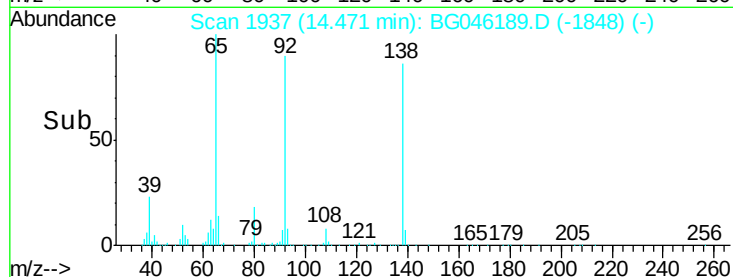
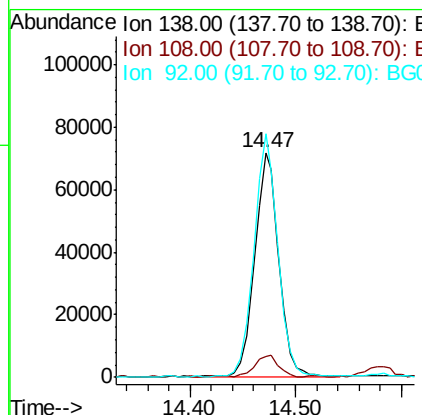
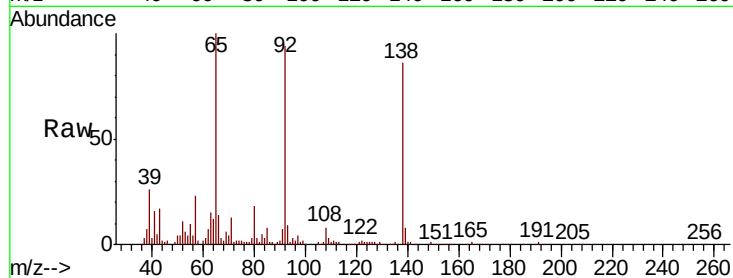




#53
3-Nitroaniline
Concen: 22.789 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

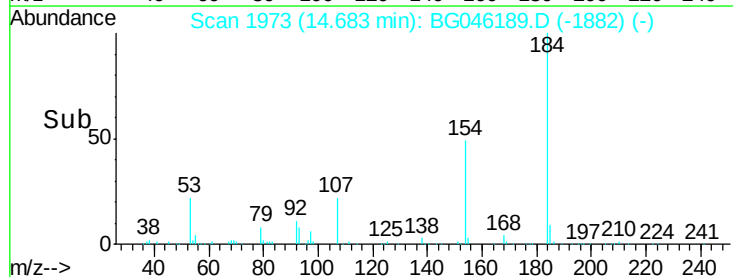
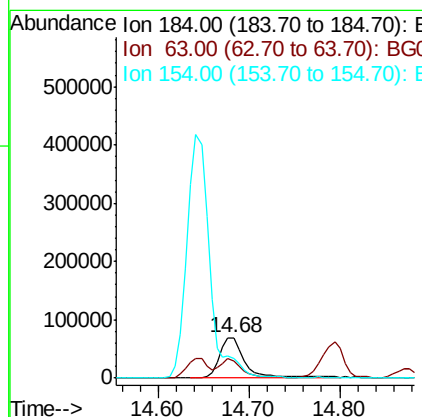
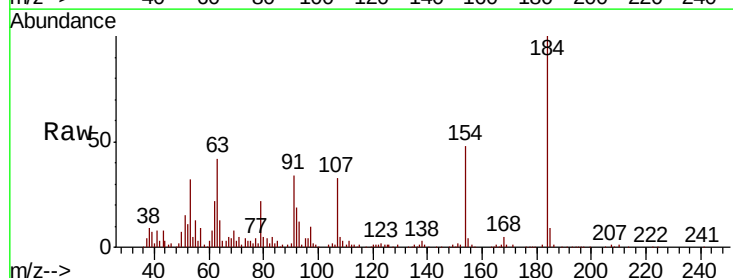
Instrument :
BNA_G
ClientSampleId :
SB-1MS

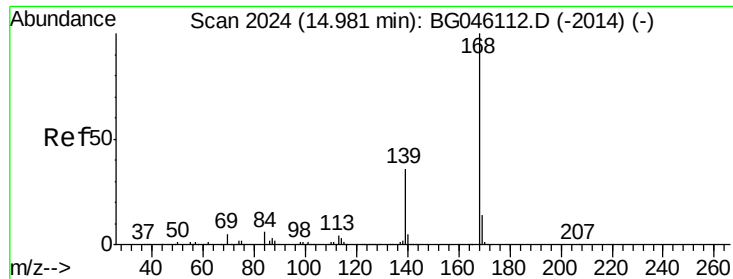
Tot Ion:138 Resp: 114032
Ion Ratio Lower Upper
138 100
108 9.5 7.2 10.8
92 108.4 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 46.076 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:184 Resp: 136827
Ion Ratio Lower Upper
184 100
63 41.8 36.7 55.1
154 48.5 41.3 61.9

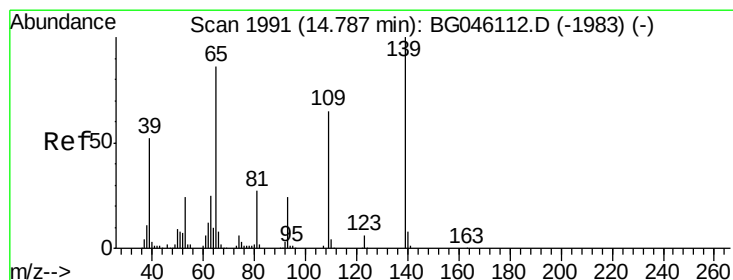
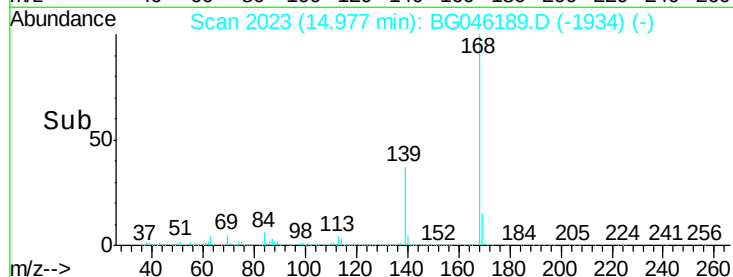
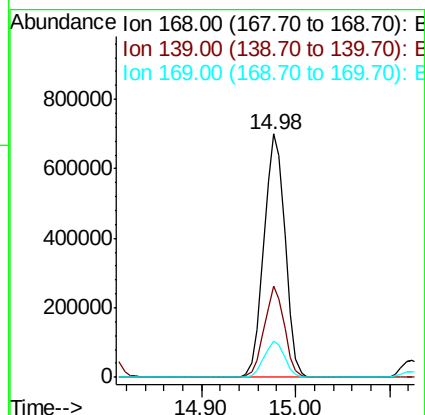
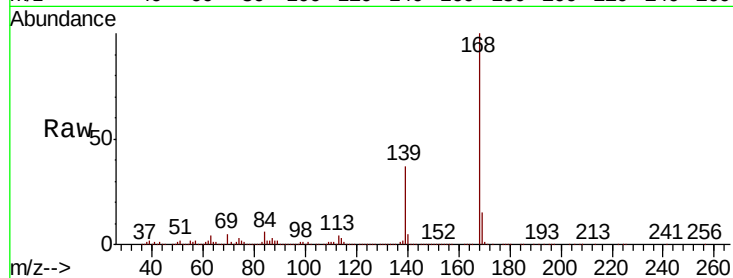




#55
Dibenzenofuran
Concen: 39.727 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

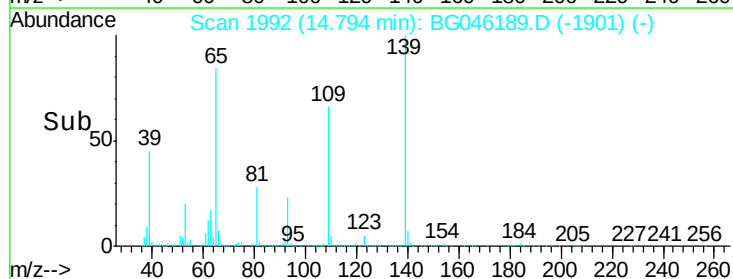
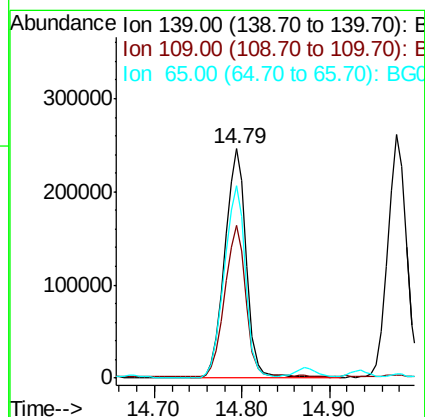
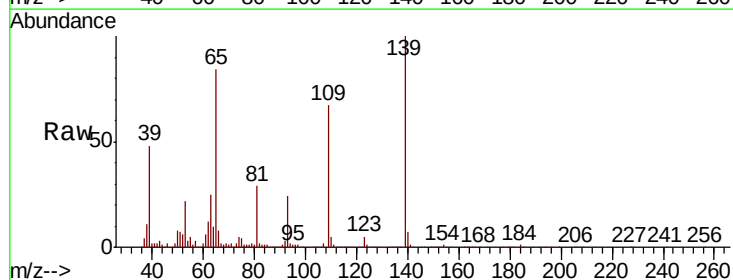
Instrument :
BNA_G
ClientSampleId :
SB-1MS

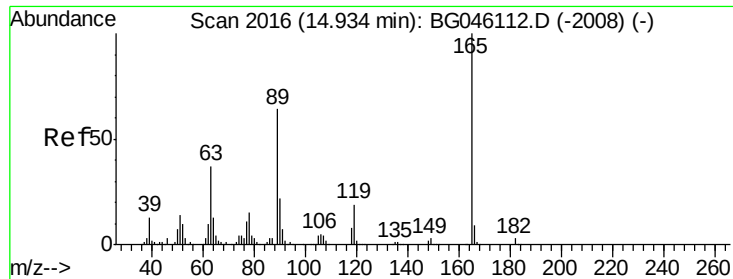
Tot Ion:168 Resp: 1086224
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.4
169 14.9 11.3 16.9



#56
4-Nitrophenol
Concen: 96.313 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:139 Resp: 418407
Ion Ratio Lower Upper
139 100
109 66.7 45.1 85.1
65 84.1 66.4 106.4





#57

2,4-Dinitrotoluene

Concen: 44.344 ng

RT: 14.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion:165 Resp: 307726

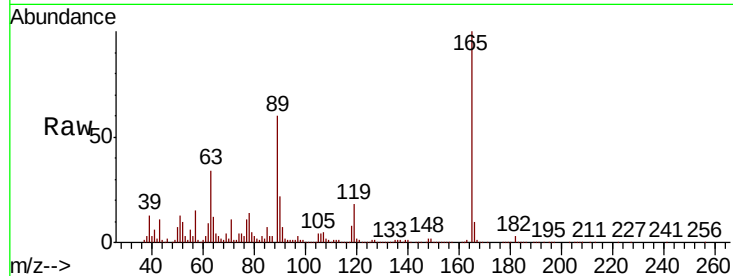
Ion Ratio Lower Upper

165 100

63 34.4 30.1 45.1

89 59.9 51.4 77.2

182 3.2 2.3 3.5

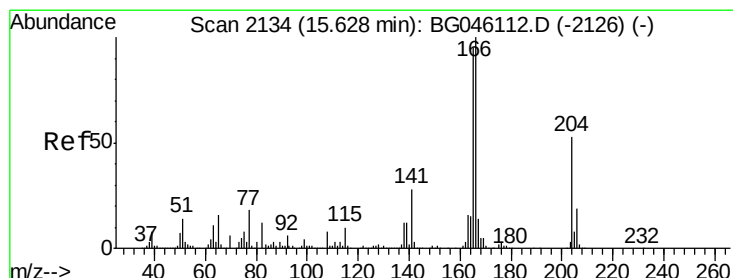
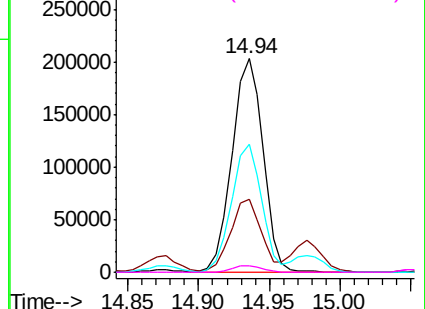
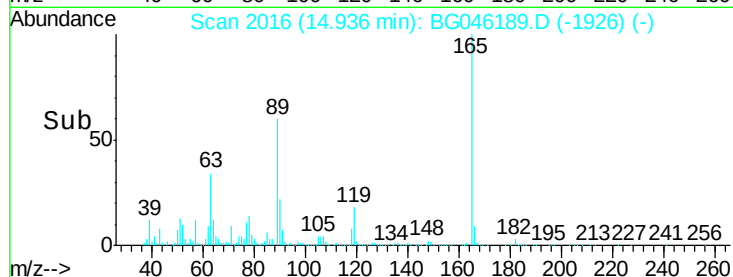


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.363 ng

RT: 15.63 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

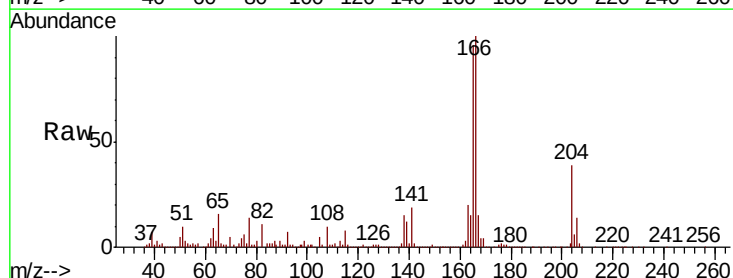
Tgt Ion:166 Resp: 893736

Ion Ratio Lower Upper

166 100

165 96.1 76.3 114.5

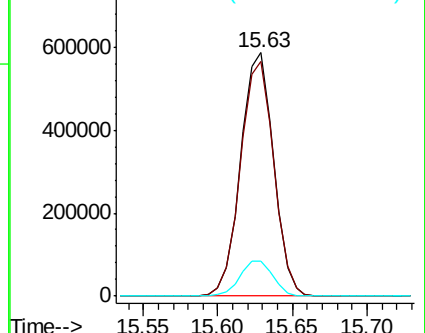
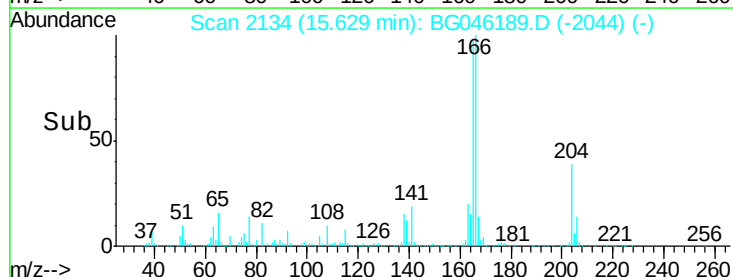
167 14.6 11.0 16.6

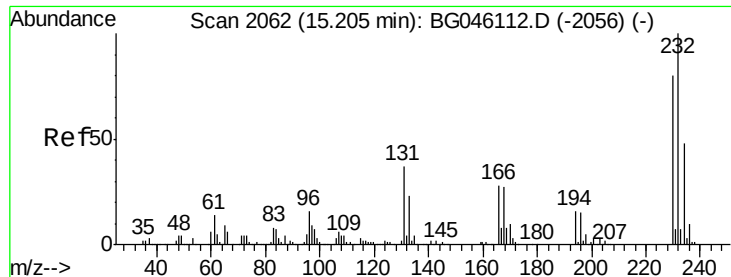


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

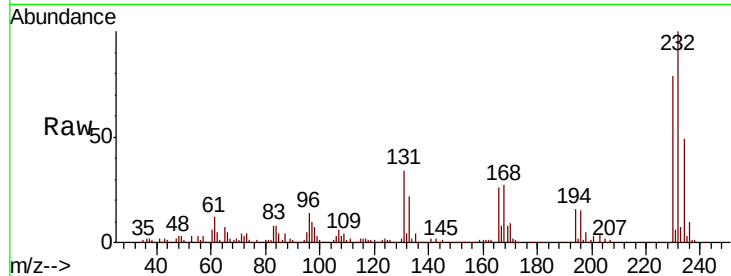




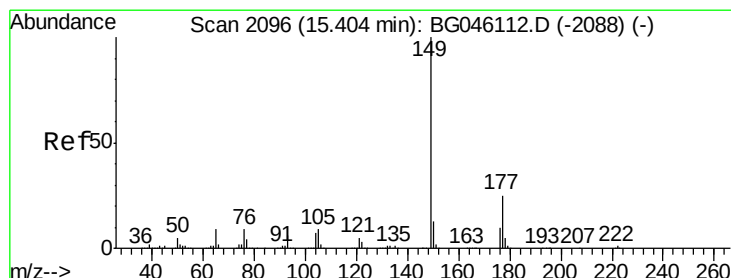
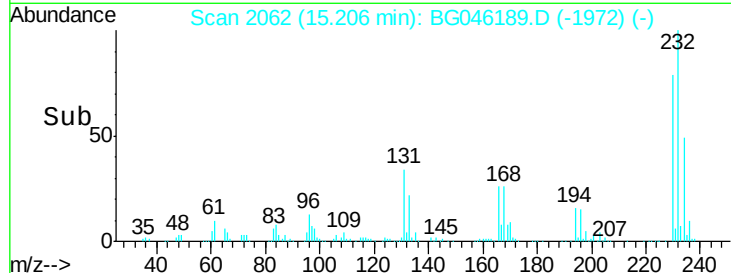
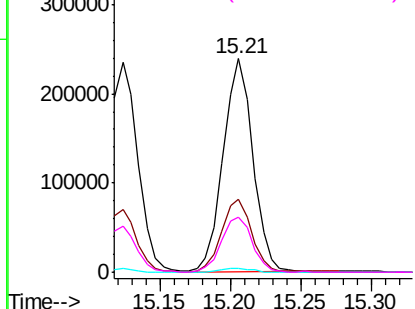
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.418 ng
RT: 15.21 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion:	232	Resp:	349907
Ion	Ratio	Lower	Upper
232	100		
131	34.6	28.6	42.8
130	2.0	1.6	2.4
166	26.8	22.5	33.7

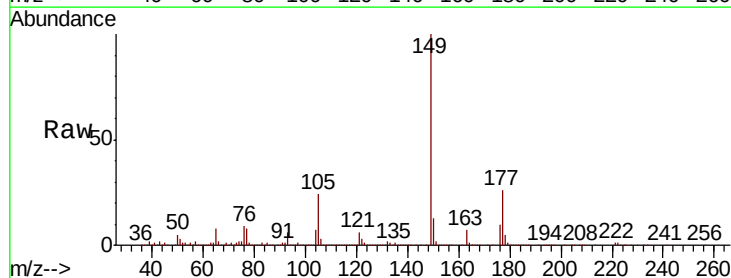


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

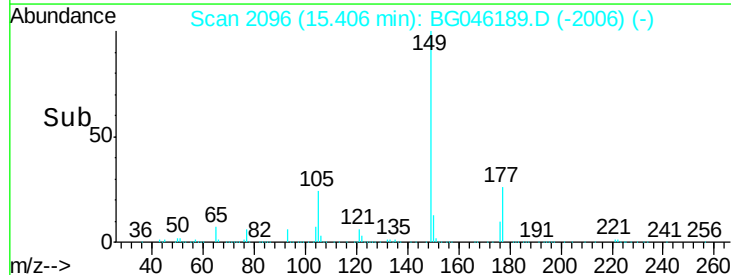
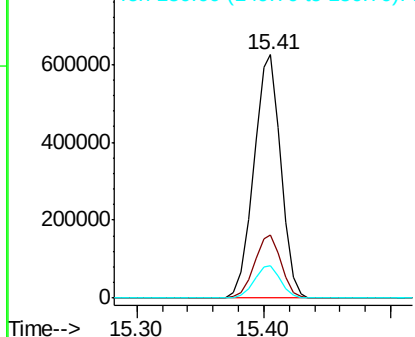


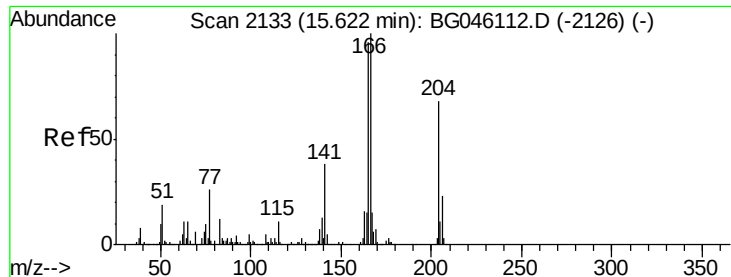
#60
Diethylphthalate
Concen: 43.101 ng
RT: 15.41 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:	149	Resp:	919509
Ion	Ratio	Lower	Upper
149	100		
177	26.2	19.7	29.5
150	13.2	10.8	16.2



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

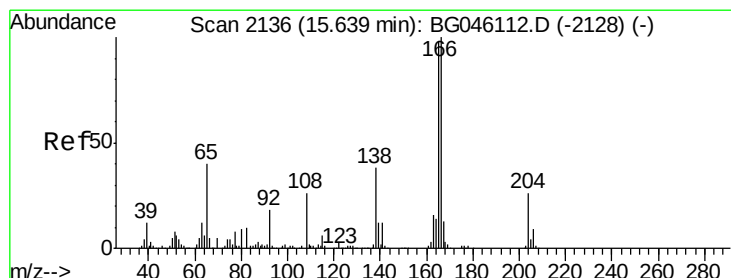
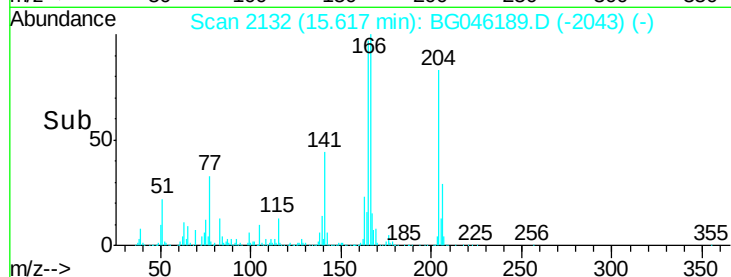
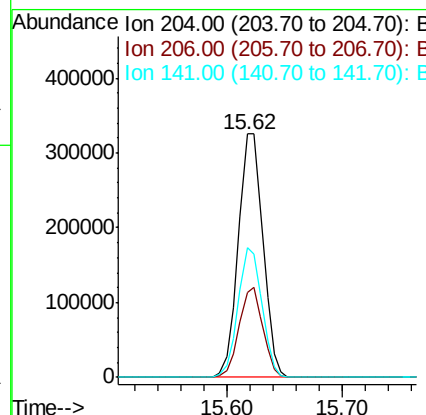
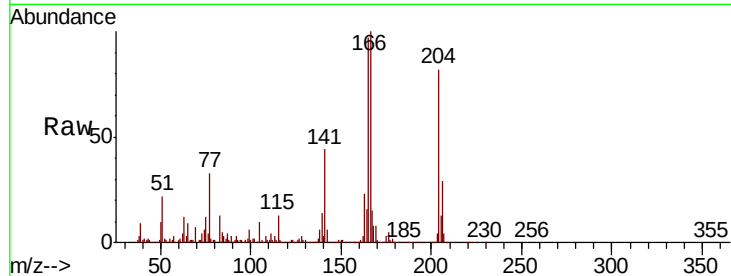




#61
 4-Chlorophenyl-phenylether
 Concen: 41.704 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

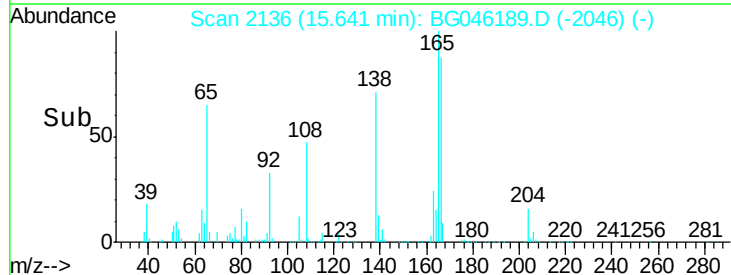
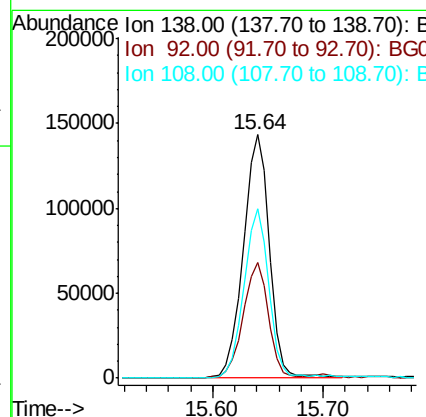
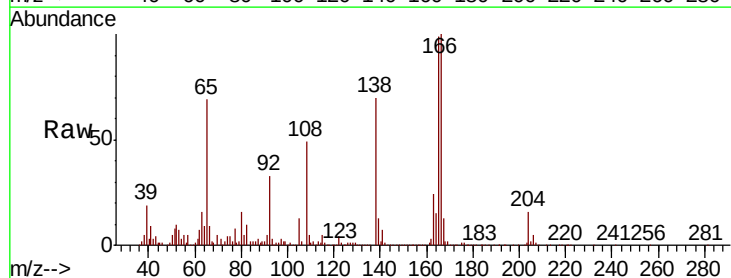
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

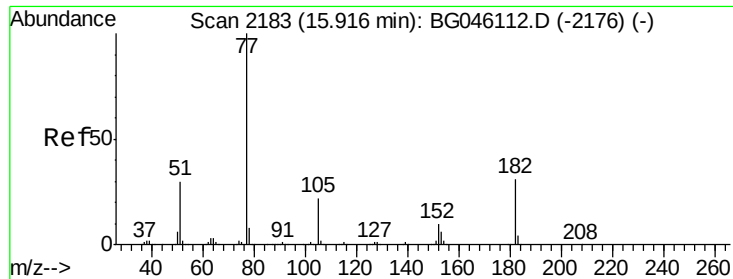
Tot Ion:204 Resp: 482296
 Ion Ratio Lower Upper
 204 100
 206 35.0 27.7 41.5
 141 53.1 44.7 67.1



#62
 4-Nitroaniline
 Concen: 46.910 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion:138 Resp: 236070
 Ion Ratio Lower Upper
 138 100
 92 47.3 28.3 68.3
 108 69.6 49.2 89.2





#63

Azobenzene

Concen: 57.480 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

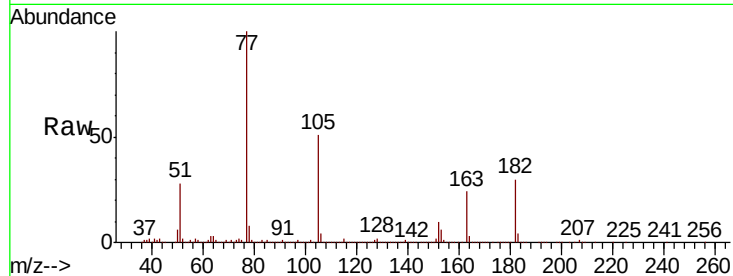
BNA_G

ClientSampleId :

SB-1MS

Tot Ion: 77 Resp: 1149239

Ion	Ratio	Lower	Upper
77	100		
182	29.9	10.7	50.7
105	51.3	1.9	41.9#
51	27.6	9.5	49.5

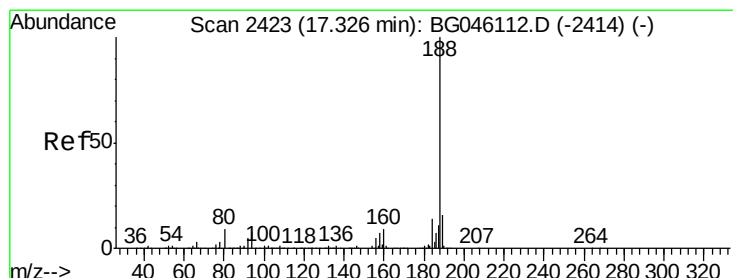
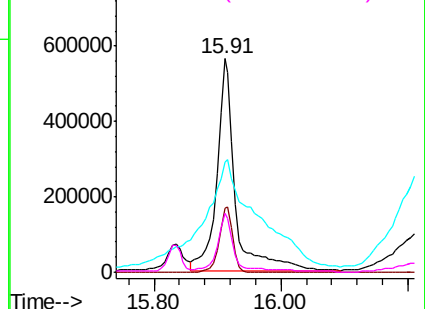
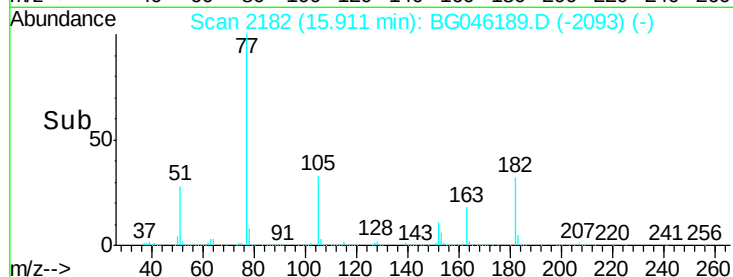


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2422

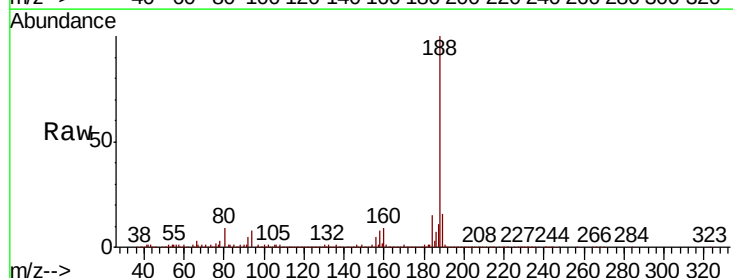
Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Tgt Ion: 188 Resp: 697526

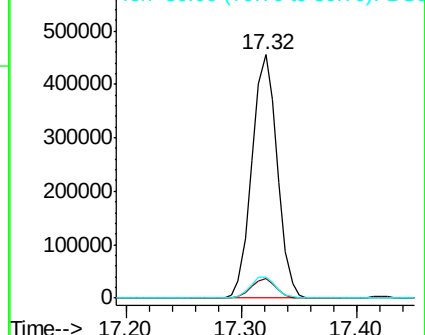
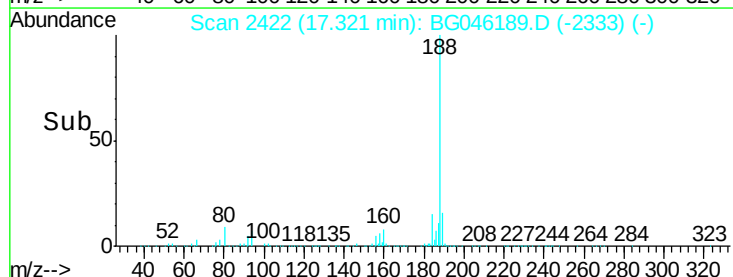
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.4	9.6
80	8.7	7.4	11.0

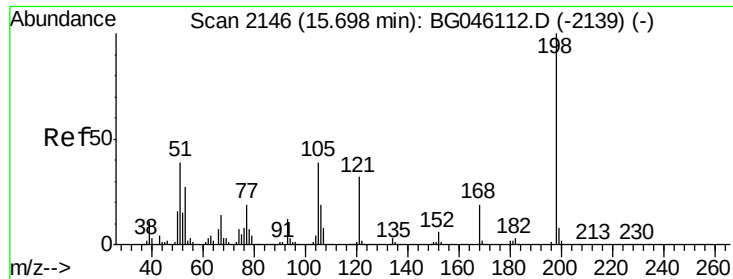


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

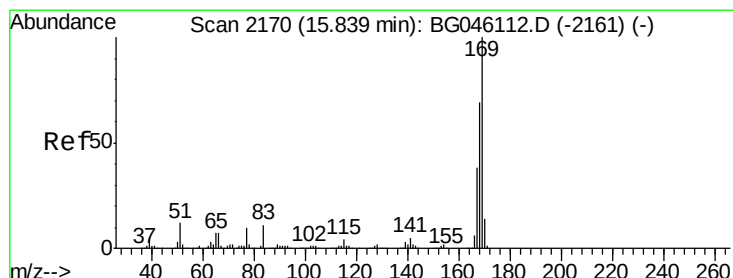
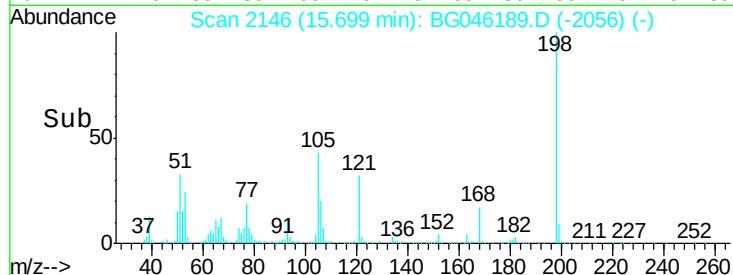
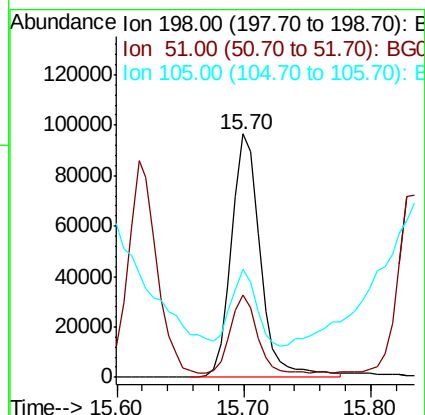
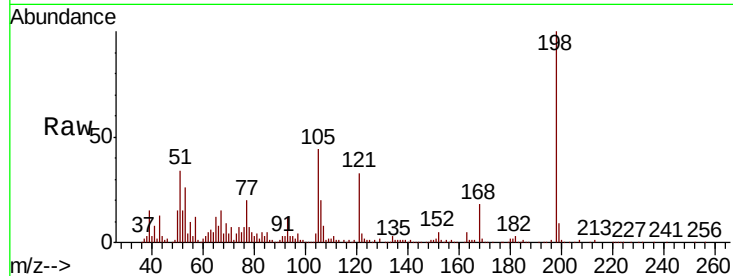




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.121 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

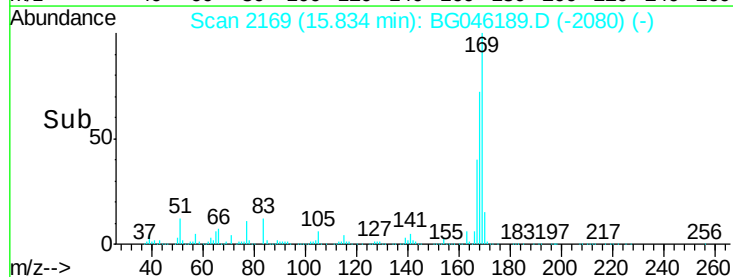
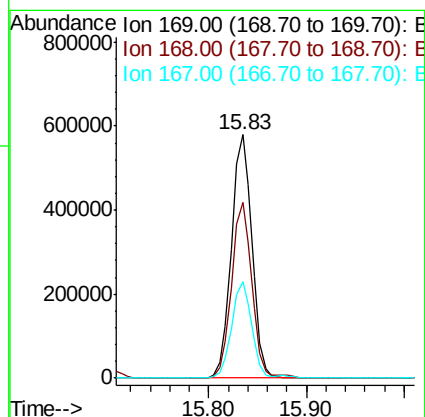
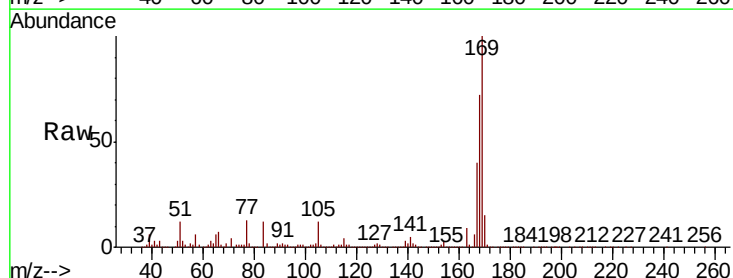
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

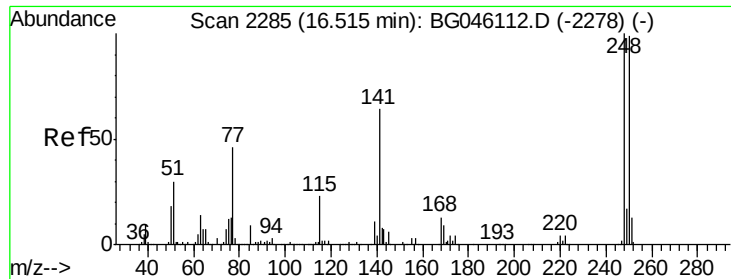
Tot Ion:198 Resp: 152790
 Ion Ratio Lower Upper
 198 100
 51 33.8 20.1 60.1
 105 44.2 19.2 59.2



#66
 n-Nitrosodiphenylamine
 Concen: 39.816 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion:169 Resp: 840676
 Ion Ratio Lower Upper
 169 100
 168 71.9 55.1 82.7
 167 39.7 30.5 45.7

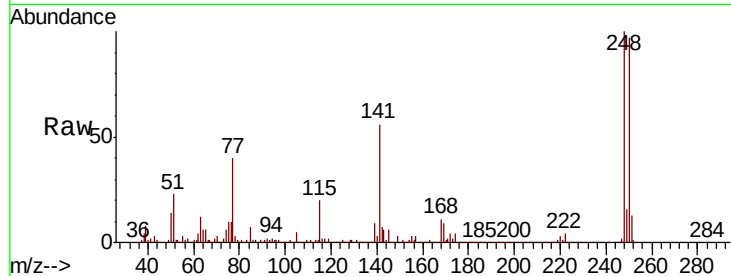




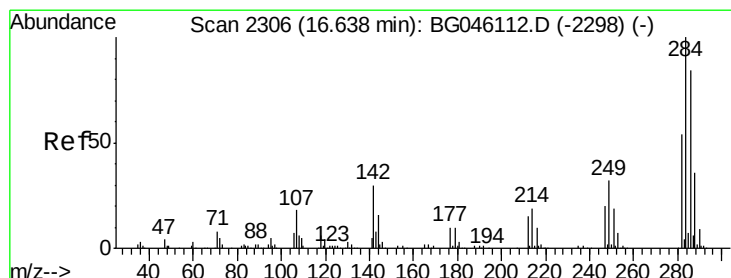
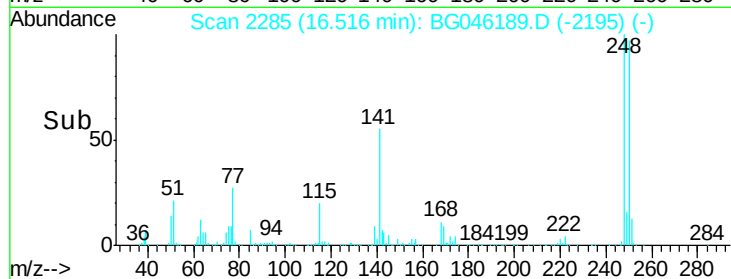
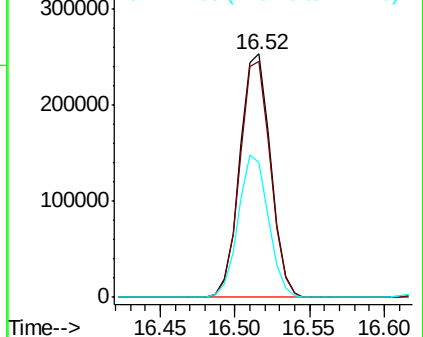
#67
4-Bromophenyl-phenylether
Concen: 41.857 ng
RT: 16.52 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion:248 Resp: 360698
Ion Ratio Lower Upper
248 100
250 96.9 79.4 119.0
141 55.6 50.9 76.3

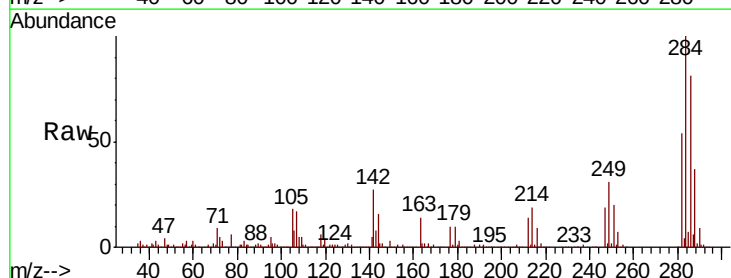


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

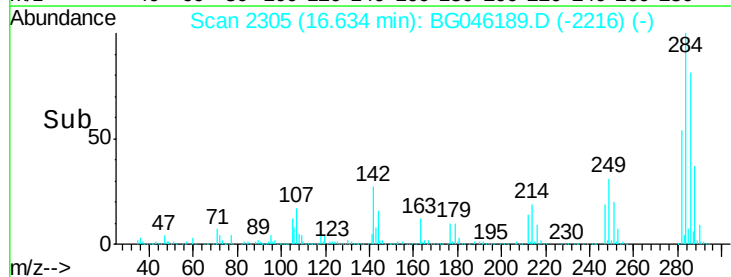
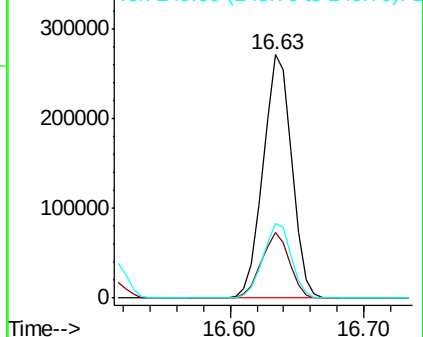


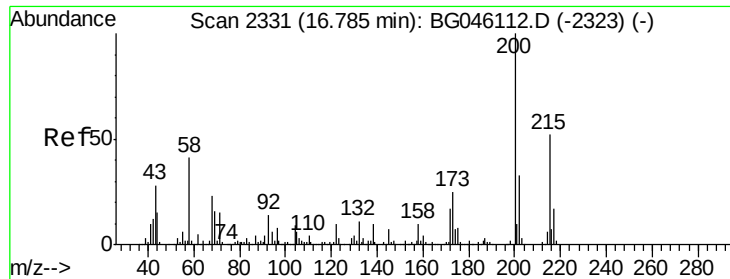
#68
Hexachlorobenzene
Concen: 41.681 ng
RT: 16.63 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:284 Resp: 402755
Ion Ratio Lower Upper
284 100
142 27.1 23.6 35.4
249 30.9 25.3 37.9



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





#69

Atrazine

Concen: 39.944 ng

RT: 16.79 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

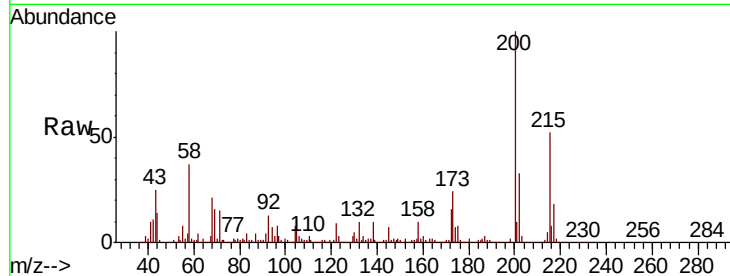
Tot Ion:200 Resp: 324760

Ion Ratio Lower Upper

200 100

173 24.1 5.3 45.3

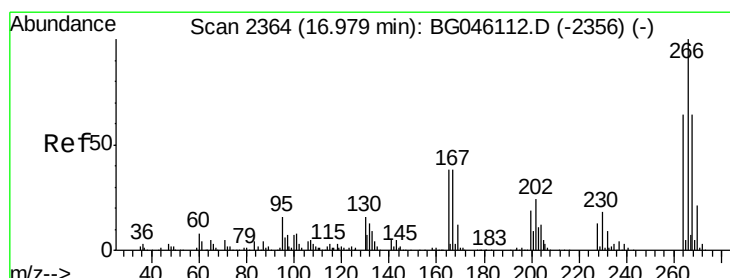
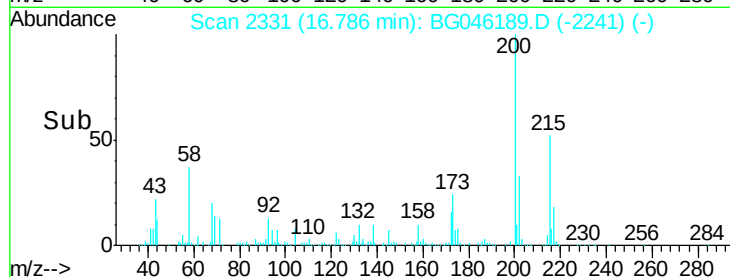
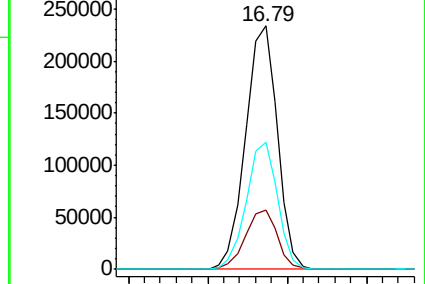
215 52.5 31.5 71.5



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: 79.507 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

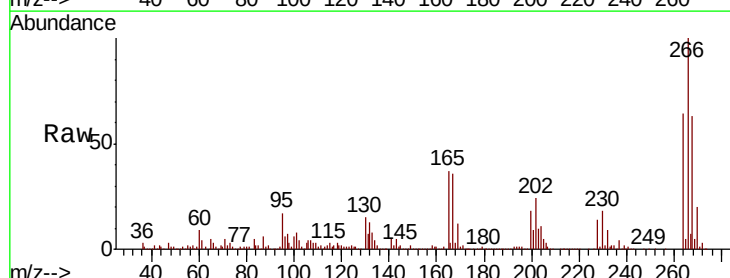
Tgt Ion:266 Resp: 498478

Ion Ratio Lower Upper

266 100

268 63.2 51.2 76.8

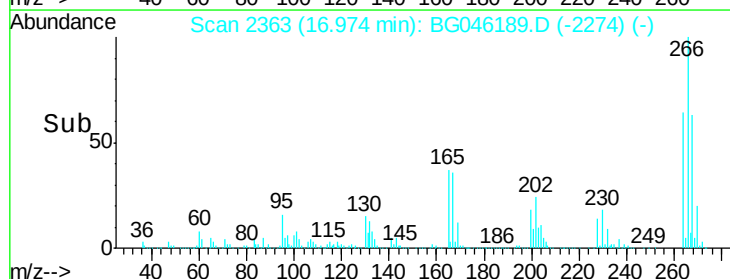
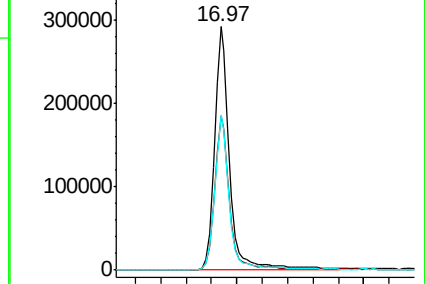
264 63.7 51.1 76.7

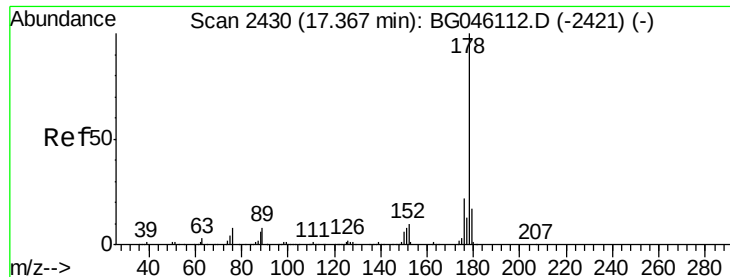


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

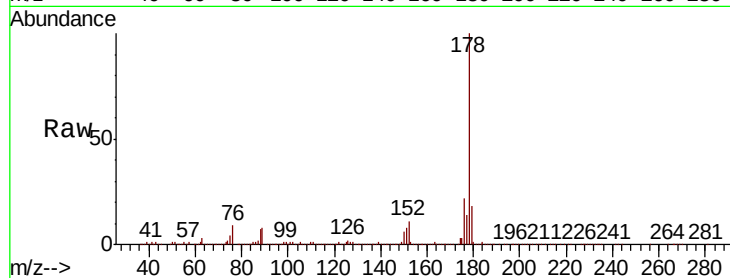




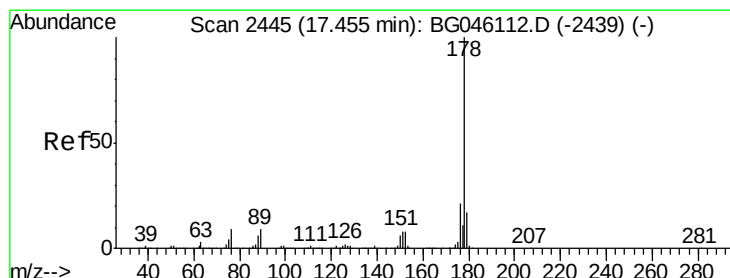
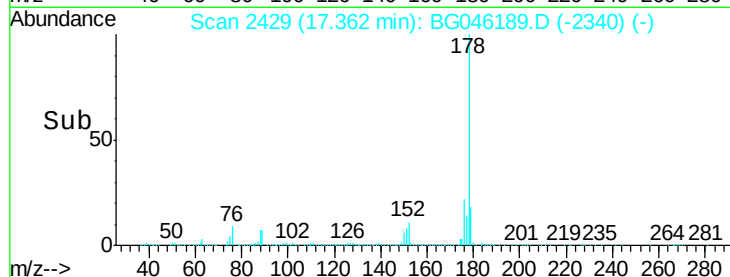
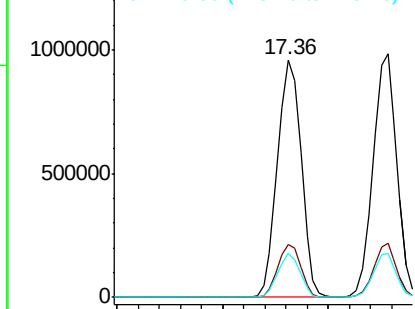
#71
Phenanthrene
Concen: 38.987 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Instrument :
BNA_G
ClientSampled :
SB-1MS

Tot Ion:178 Resp: 1489663
Ion Ratio Lower Upper
178 100
176 22.4 17.3 25.9
179 18.3 13.8 20.6

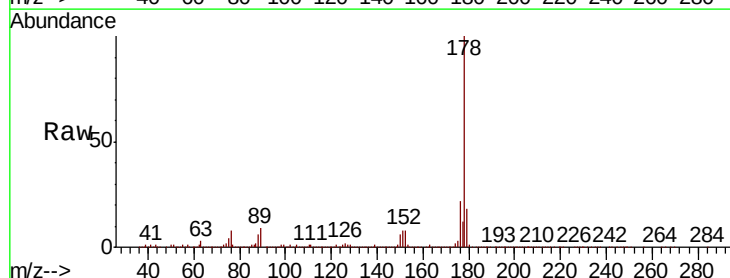


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

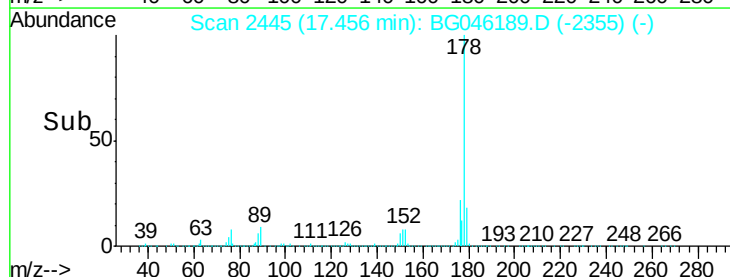
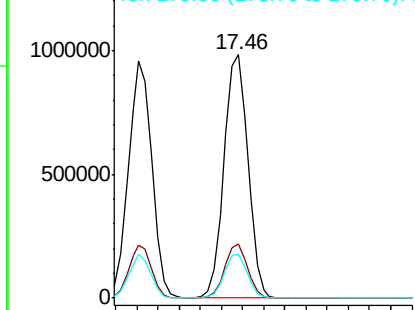


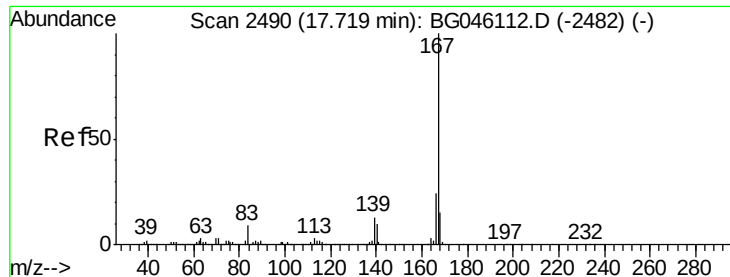
#72
Anthracene
Concen: 40.589 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:178 Resp: 1542627
Ion Ratio Lower Upper
178 100
176 22.3 16.6 24.8
179 17.9 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





#73

Carbazole

Concen: 38.943 ng

RT: 17.72 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

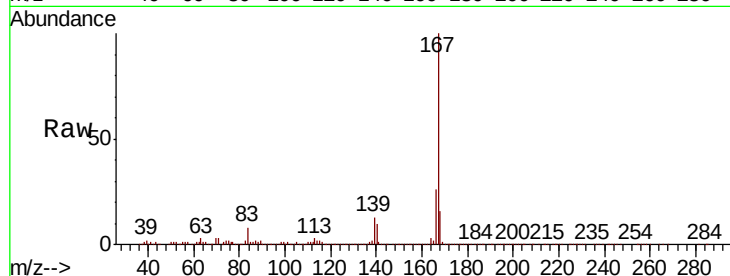
Tot Ion:167 Resp: 1427162

Ion Ratio Lower Upper

167 100

166 25.8 19.4 29.0

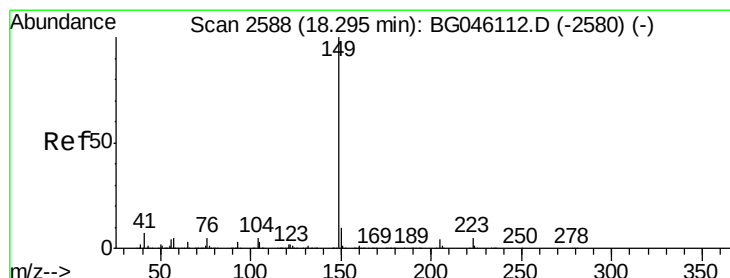
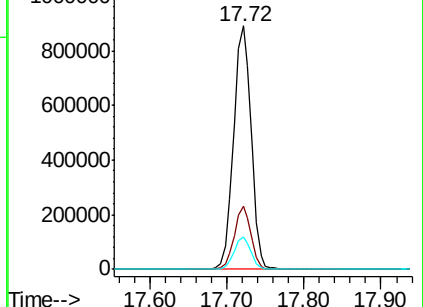
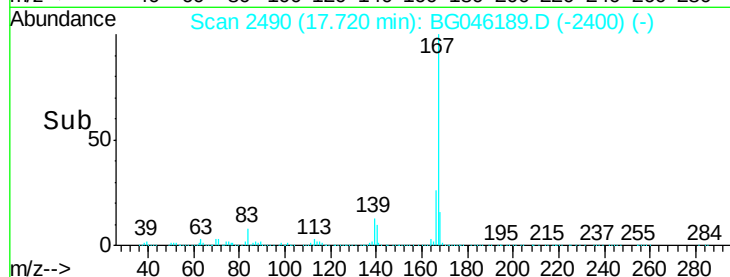
139 13.1 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.499 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

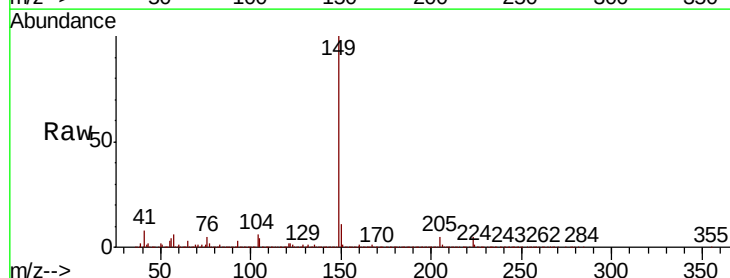
Tgt Ion:149 Resp: 1551414

Ion Ratio Lower Upper

149 100

150 11.1 8.4 12.6

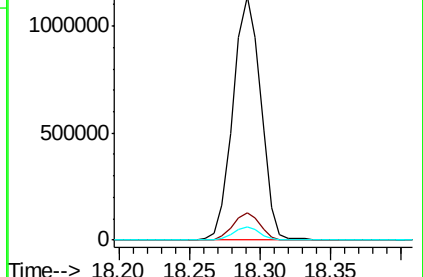
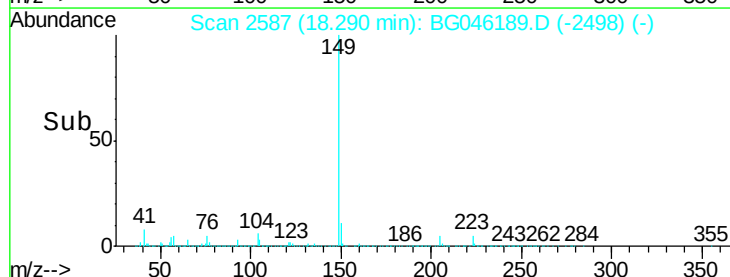
104 5.7 4.2 6.2

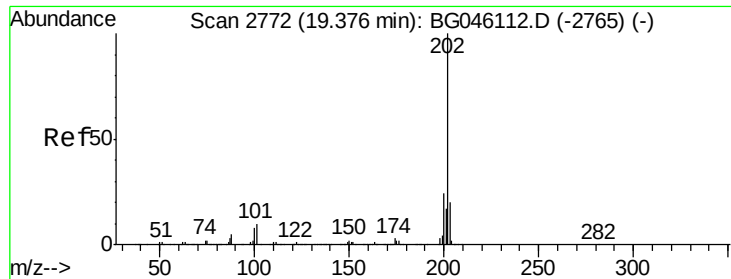


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.490 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

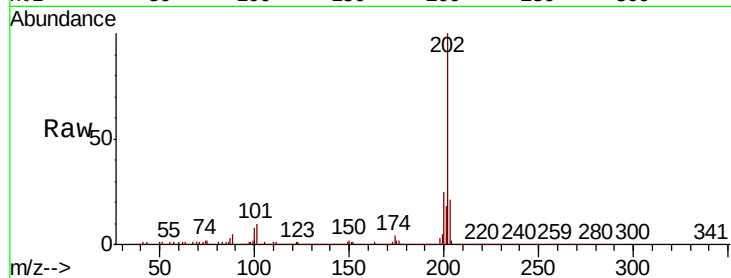
Tot Ion:202 Resp: 1788391

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.0

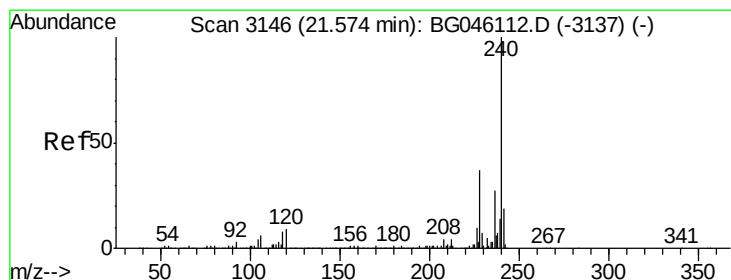
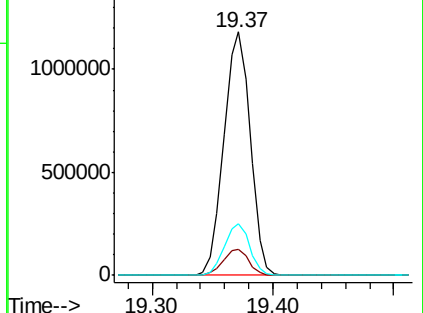
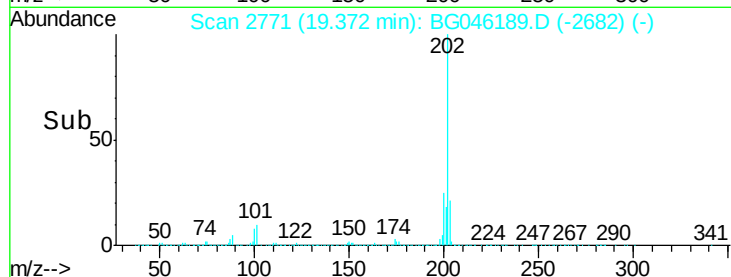
203 21.1 0.2 40.2



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: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

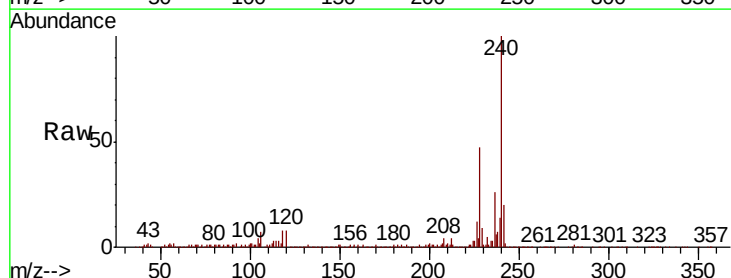
Tgt Ion:240 Resp: 719452

Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

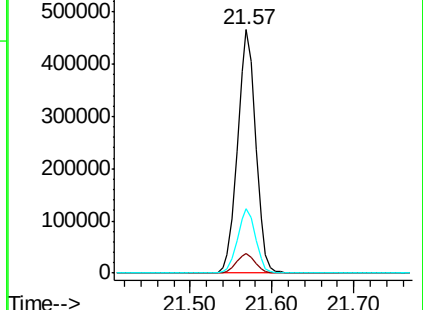
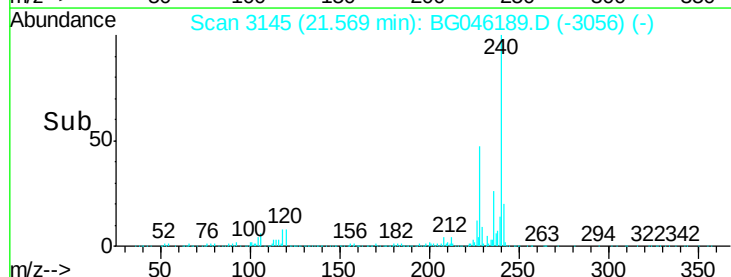
236 26.5 21.7 32.5

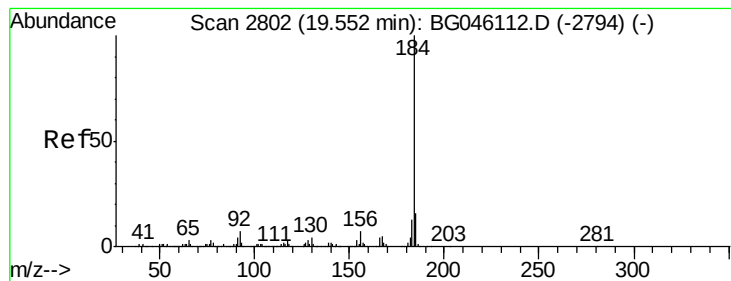


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.928 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

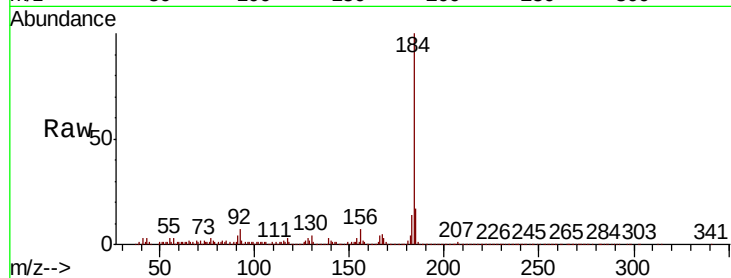
BNA_G

ClientSampleId :

SB-1MS

Tot Ion:184 Resp: 813699

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.0	19.4
183	14.3	10.5	15.7

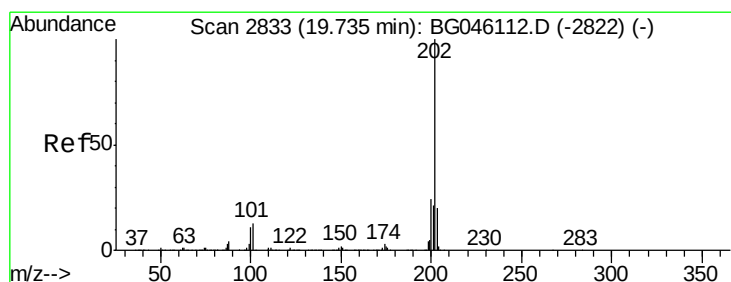
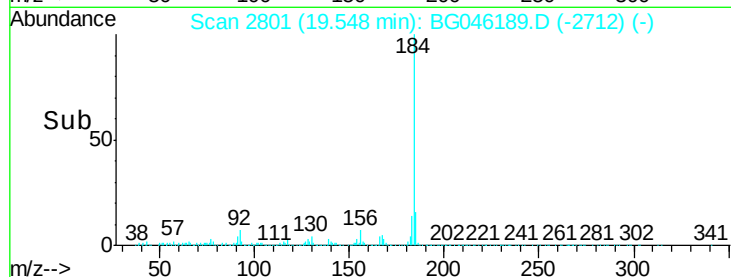
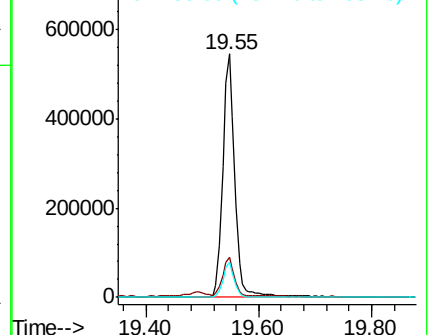


Abundance

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: 37.538 ng

RT: 19.73 min Scan# 2832

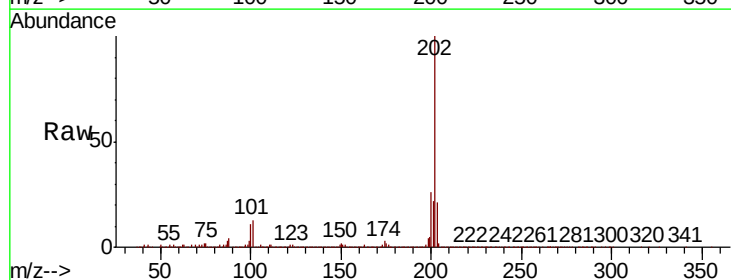
Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Tgt Ion:202 Resp: 1814601

Ion	Ratio	Lower	Upper
202	100		
200	25.6	19.5	29.3
203	21.3	16.2	24.2

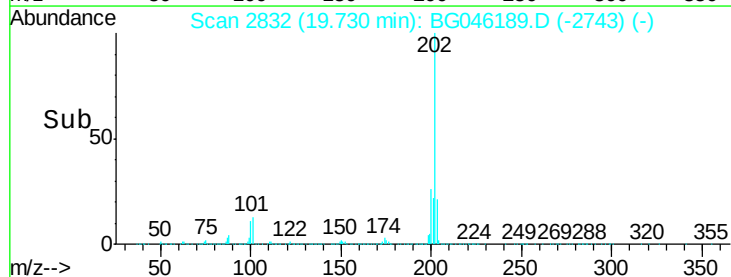
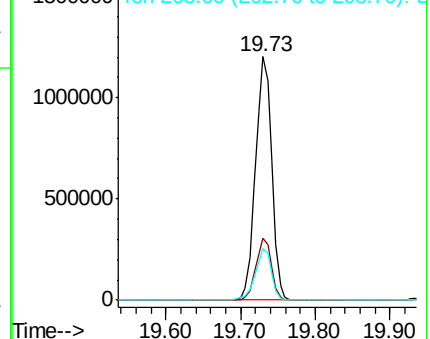


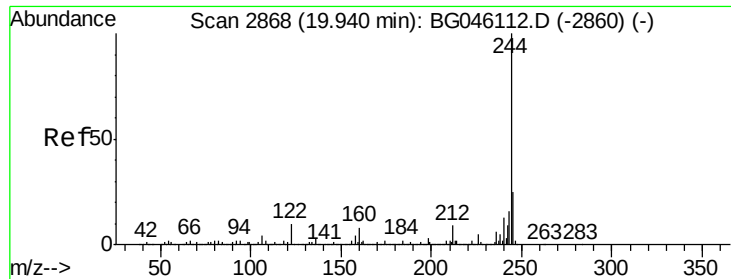
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.681 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

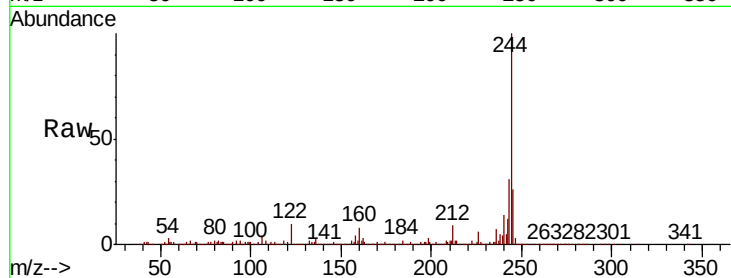
Tot Ion:244 Resp: 2108254

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

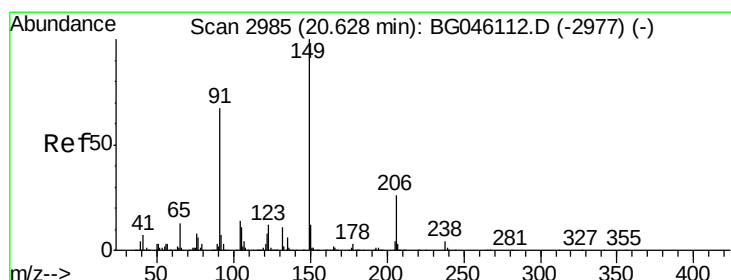
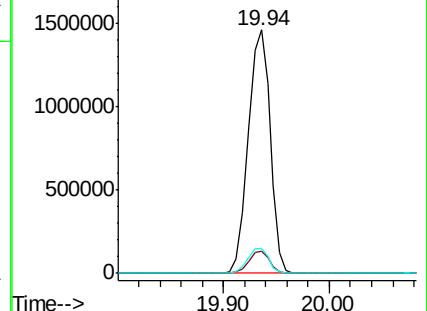
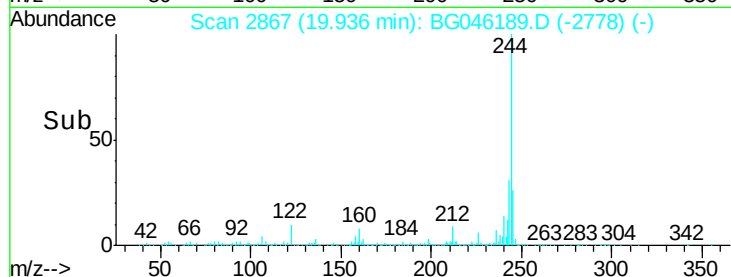
122 10.4 8.3 12.5



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: 51.561 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

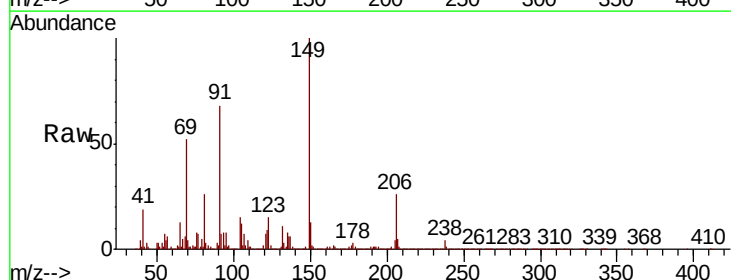
Tgt Ion:149 Resp: 902881

Ion Ratio Lower Upper

149 100

91 68.1 53.8 80.8

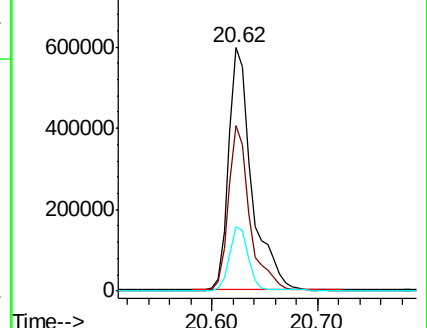
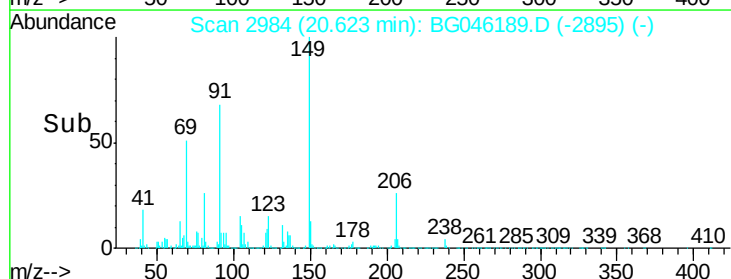
206 26.4 20.4 30.6

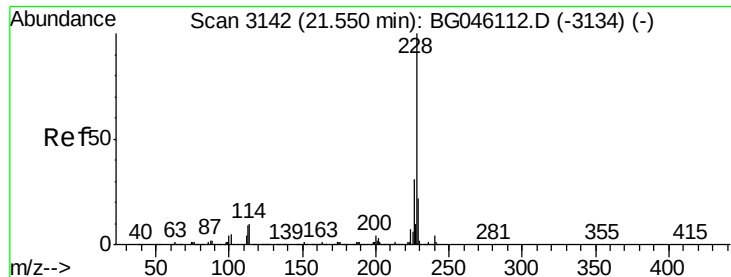


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.237 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

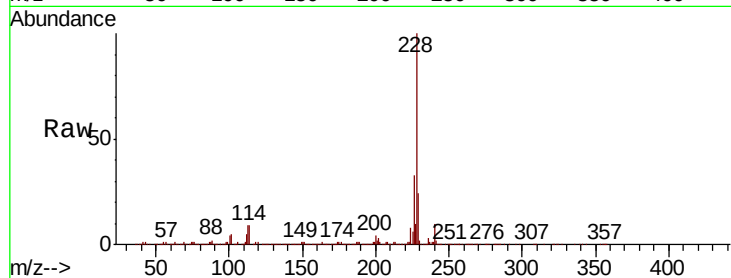
Tot Ion:228 Resp: 1840952

Ion Ratio Lower Upper

228 100

226 32.5 24.7 37.1

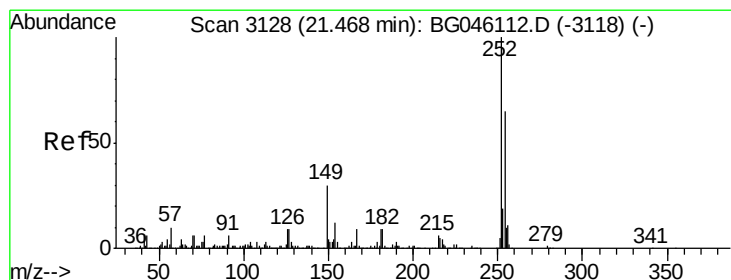
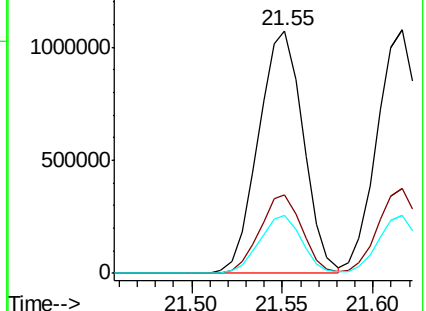
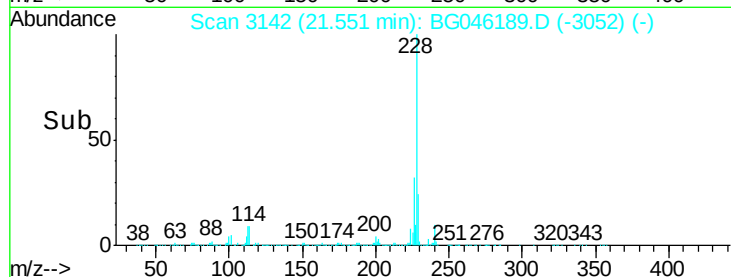
229 23.8 17.8 26.8



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: 18.106 ng

RT: 21.47 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

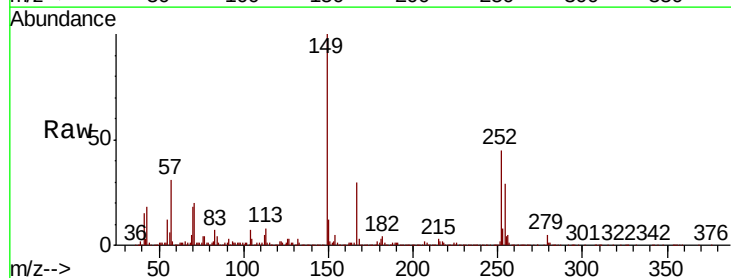
Tgt Ion:252 Resp: 362004

Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.8

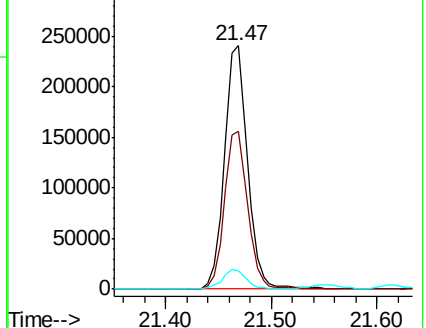
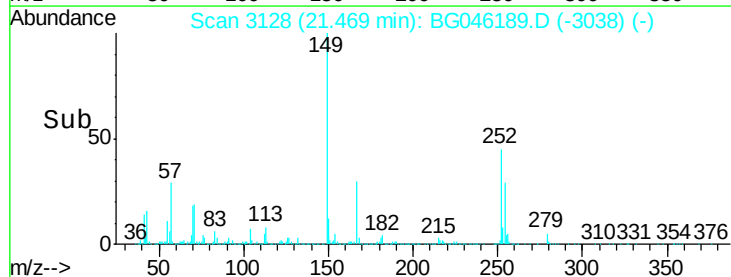
126 7.6 7.1 10.7

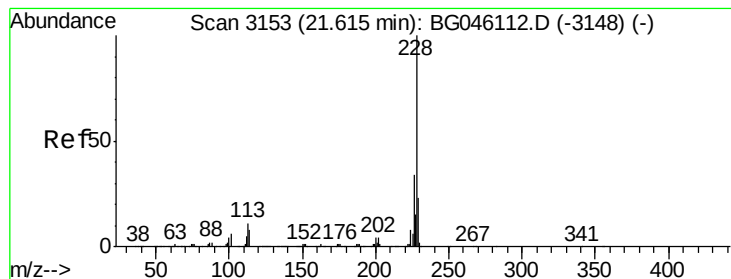


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.586 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

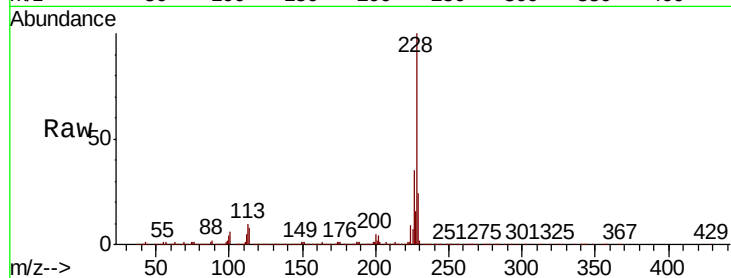
Tot Ion:228 Resp: 1772715

Ion Ratio Lower Upper

228 100

226 35.0 26.9 40.3

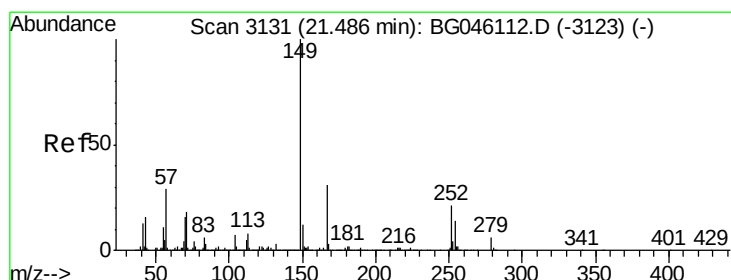
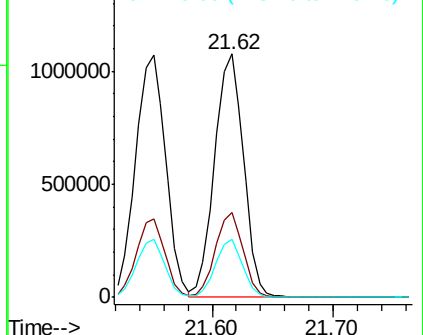
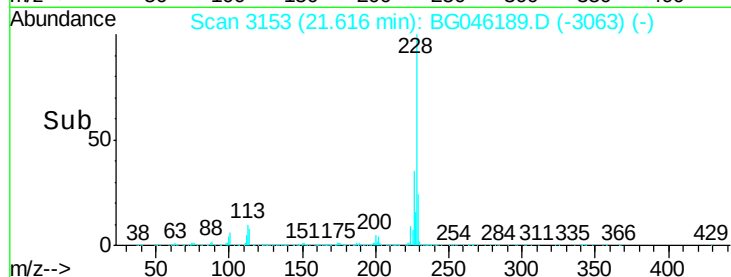
229 23.6 18.2 27.4



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: 42.210 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

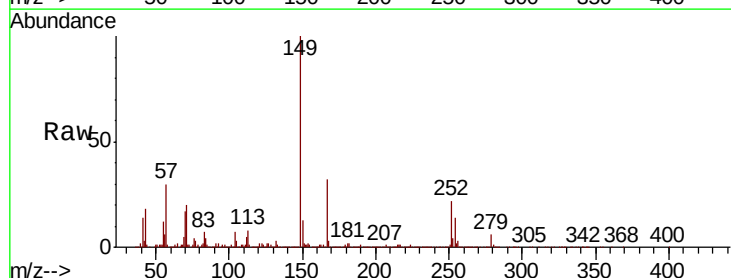
Tgt Ion:149 Resp: 1056724

Ion Ratio Lower Upper

149 100

167 32.1 24.8 37.2

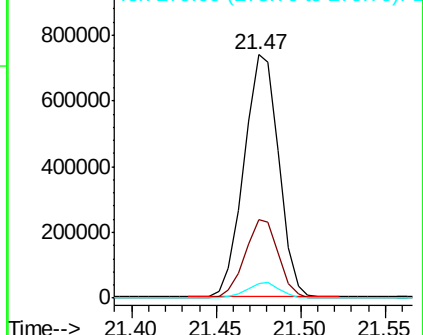
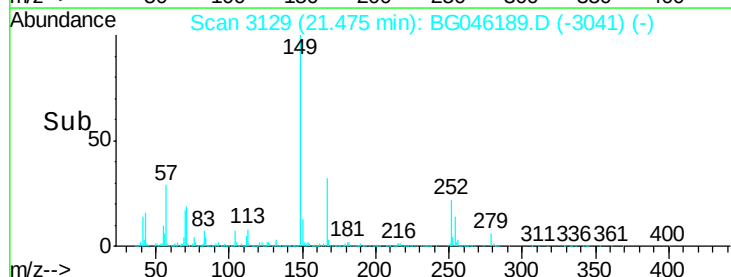
279 5.9 4.6 6.8

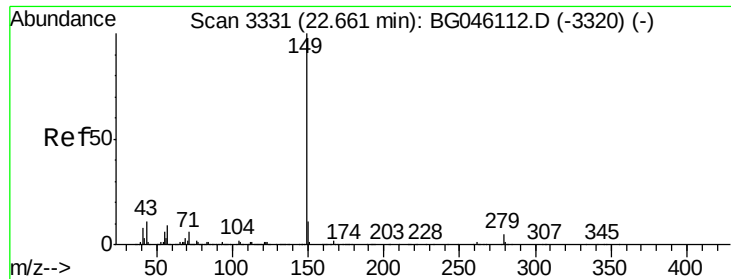


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.851 ng

RT: 22.66 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

Instrument :

BNA_G

ClientSampleId :

SB-1MS

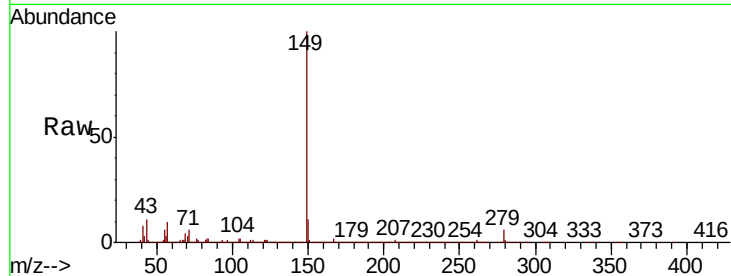
Tot Ion:149 Resp: 1816368

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

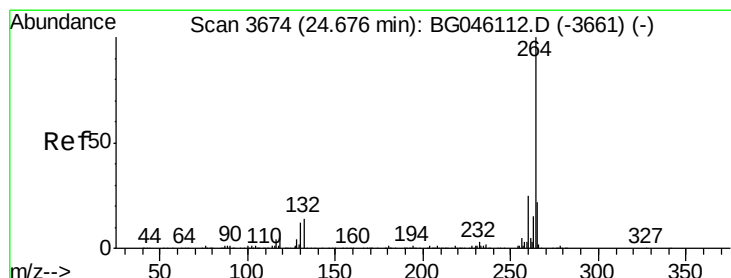
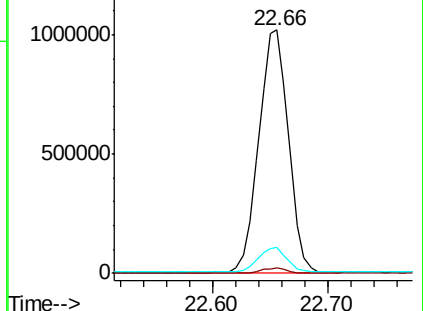
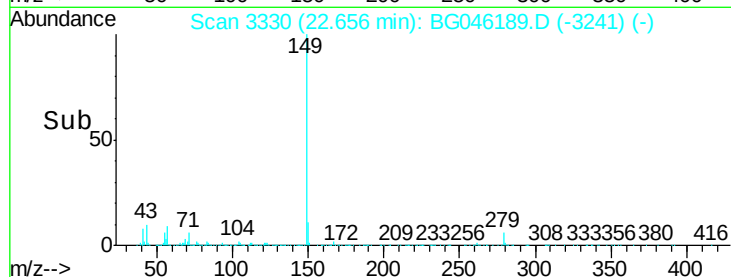
43 9.6 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG046189.D

Acq: 7 Aug 2020 11:55

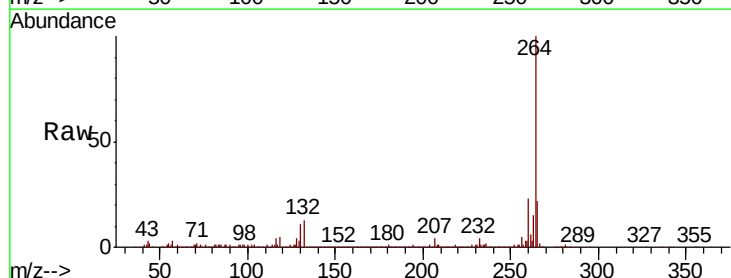
Tgt Ion:264 Resp: 788892

Ion Ratio Lower Upper

264 100

260 23.1 19.7 29.5

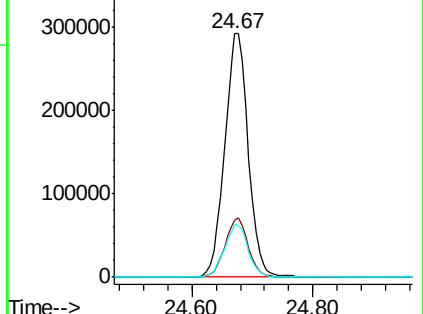
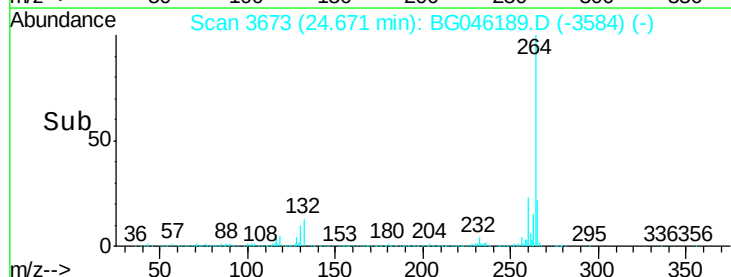
265 21.9 17.6 26.4

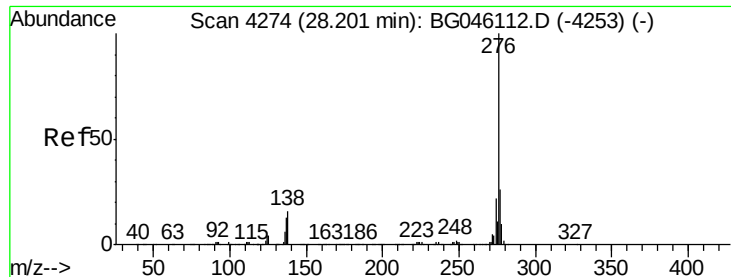


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

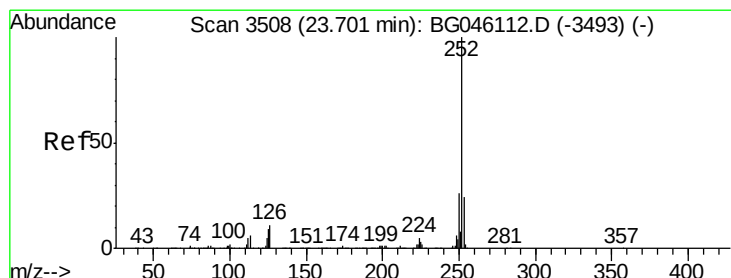
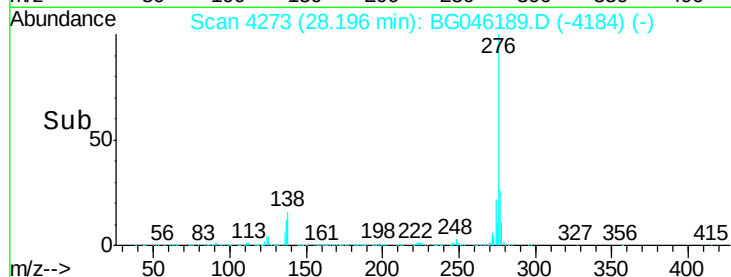
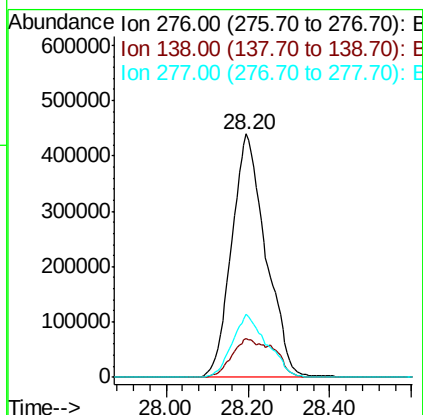
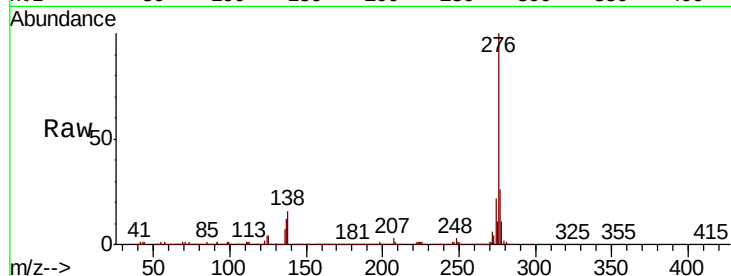




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.302 ng
 RT: 28.20 min Scan# 4273
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

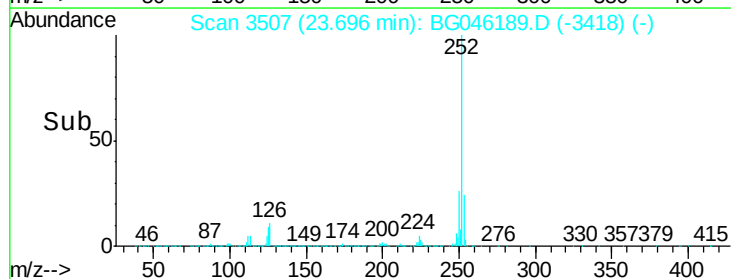
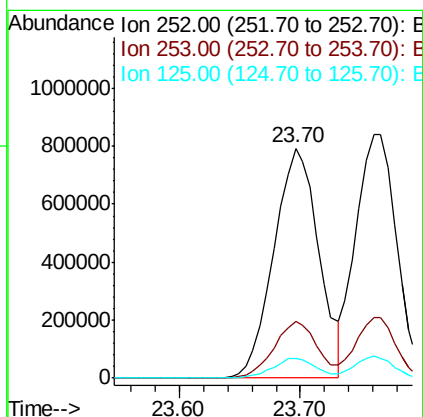
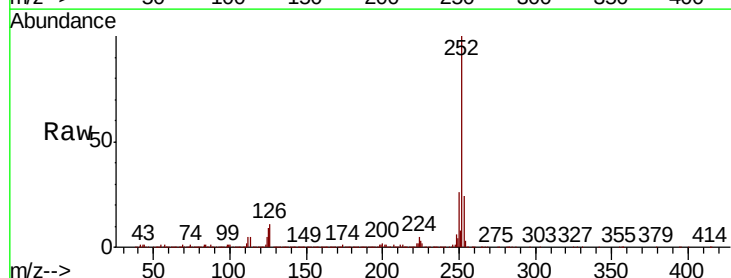
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

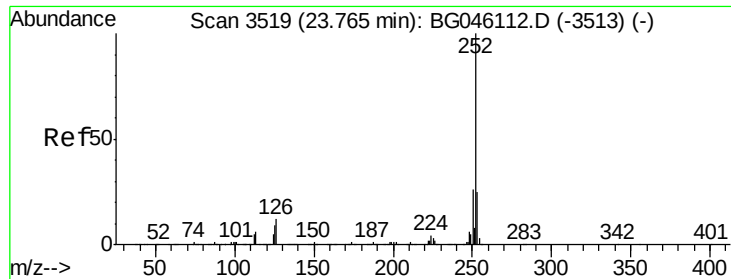
Tot Ion:276 Resp: 2545089
 Ion Ratio Lower Upper
 276 100
 138 19.7 11.6 17.4#
 277 26.3 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 38.720 ng
 RT: 23.70 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion:252 Resp: 2046938
 Ion Ratio Lower Upper
 252 100
 253 24.5 19.2 28.8
 125 8.7 7.2 10.8

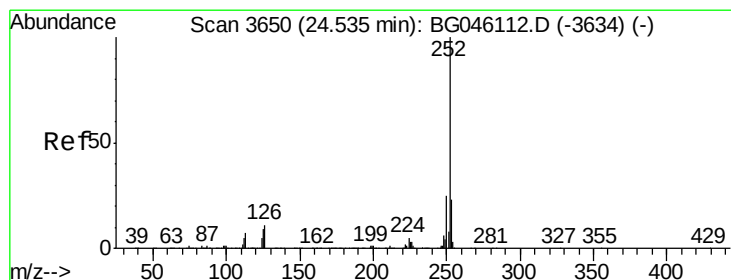
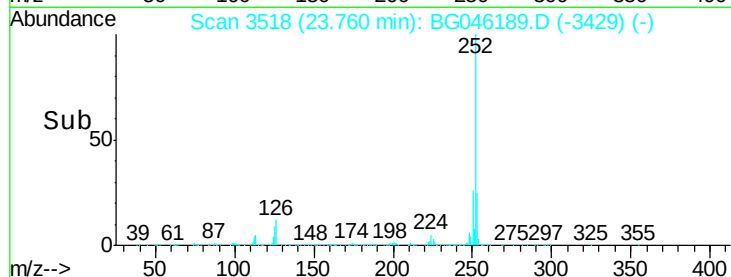
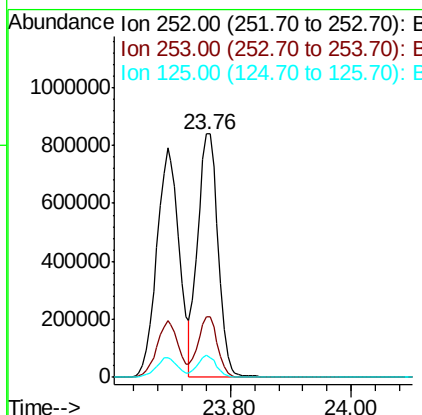
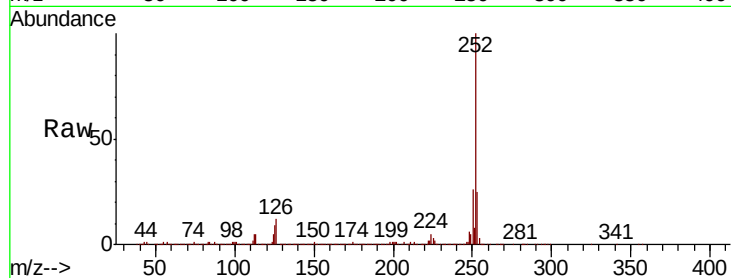




#89
 Benzo(k)fluoranthene
 Concen: 38.062 ng
 RT: 23.76 min Scan# 3518
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

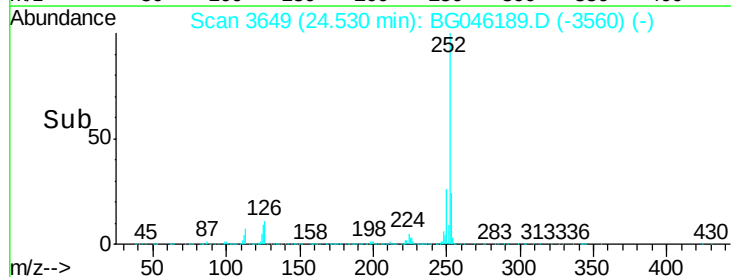
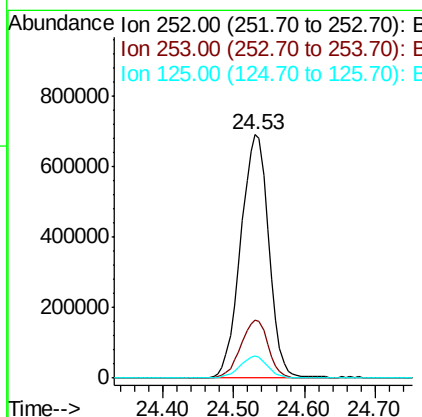
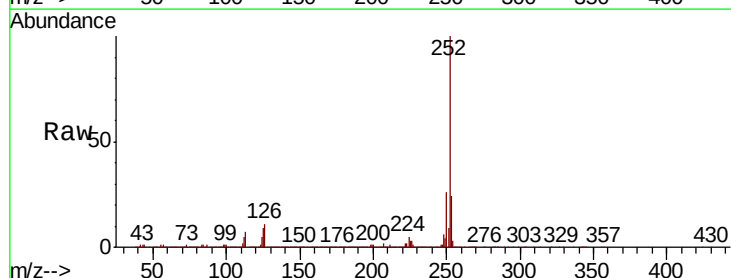
Instrument :
 BNA_G
 ClientSampled :
 SB-1MS

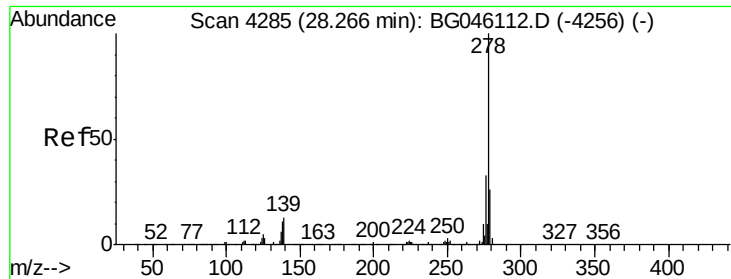
Tot Ion:252 Resp: 1973597
 Ion Ratio Lower Upper
 252 100
 253 25.1 19.5 29.3
 125 8.9 7.3 10.9



#90
 Benzo(a)pyrene
 Concen: 38.903 ng
 RT: 24.53 min Scan# 3649
 Delta R.T. -0.00 min
 Lab File: BG046189.D
 Acq: 7 Aug 2020 11:55

Tgt Ion:252 Resp: 1913728
 Ion Ratio Lower Upper
 252 100
 253 23.9 18.6 27.8
 125 9.3 7.1 10.7



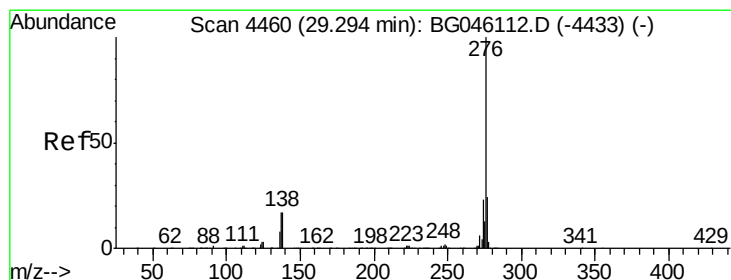
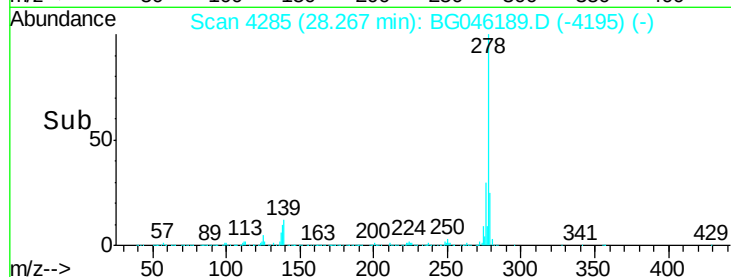
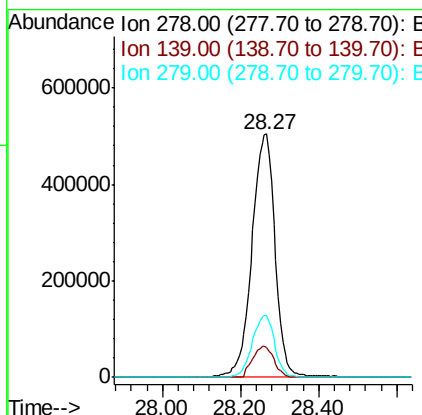
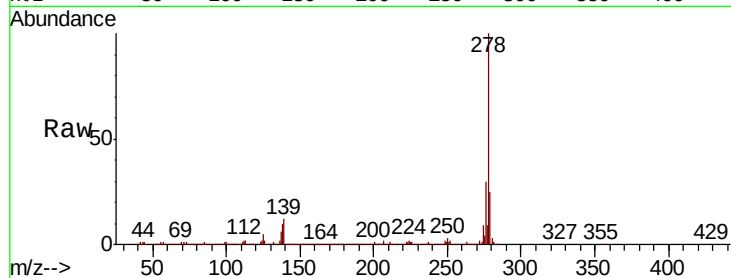


#91
Dibenzo(a,h)anthracene
Concen: 41.288 ng
RT: 28.27 min Scan# 4285
Delta R.T. 0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion:278 Resp: 2076640

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.8	16.2
279	25.3	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 42.104 ng
RT: 29.30 min Scan# 4460
Delta R.T. 0.00 min
Lab File: BG046189.D
Acq: 7 Aug 2020 11:55

Tgt Ion:276 Resp: 2138686

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	17.1	13.8	20.6

