

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG060000.D
 Acq On : 13 Dec 2023 17:23
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121323

Quant Time: Dec 14 01:48:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	66211	20.000	ng	0.00
21) Naphthalene-d8	10.767	136	242625	20.000	ng	0.00
39) Acenaphthene-d10	14.591	164	197043	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	583861	20.000	ng	0.00
76) Chrysene-d12	21.613	240	685865	20.000	ng	0.00
86) Perylene-d12	24.803	264	796244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	325404	84.132	ng	0.00
7) Phenol-d6	7.112	99	439543	80.788	ng	0.00
23) Nitrobenzene-d5	9.116	82	440001	82.348	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	383043	83.415	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	1342576	83.392	ng	0.00
79) Terphenyl-d14	19.968	244	3220980	85.740	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	70924	38.752	ng	91
3) Pyridine	3.828	79	206270	40.243	ng	98
4) n-Nitrosodimethylamine	3.745	42	101883	40.411	ng	# 82
6) Aniline	7.282	93	221258	39.927	ng	96
8) 2-Chlorophenol	7.517	128	144022	39.294	ng	97
9) Benzaldehyde	7.094	77	135592	40.987	ng	95
10) Phenol	7.136	94	220724	40.385	ng	99
11) bis(2-Chloroethyl)ether	7.376	93	151862	38.812	ng	93
12) 1,3-Dichlorobenzene	7.846	146	196920	40.177	ng	96
13) 1,4-Dichlorobenzene	7.993	146	201173	39.444	ng	97
14) 1,2-Dichlorobenzene	8.311	146	189491	38.617	ng	93
15) Benzyl Alcohol	8.187	79	172742	39.504	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.481	45	280429	40.052	ng	98
17) 2-Methylphenol	8.393	107	146725	40.266	ng	93
18) Hexachloroethane	9.045	117	61085	39.537	ng	90
19) n-Nitroso-di-n-propyla...	8.763	70	140401	39.998	ng	88
20) 3+4-Methylphenols	8.722	107	200500	39.393	ng	96
22) Acetophenone	8.781	105	282046	39.891	ng	# 97
24) Nitrobenzene	9.163	77	230387	42.471	ng	97
25) Isophorone	9.680	82	410604	40.151	ng	# 97
26) 2-Nitrophenol	9.868	139	85687	42.951	ng	92
27) 2,4-Dimethylphenol	9.926	122	105460	38.565	ng	99
28) bis(2-Chloroethoxy)met...	10.167	93	212246	40.198	ng	99
29) 2,4-Dichlorophenol	10.402	162	206818	42.109	ng	95
30) 1,2,4-Trichlorobenzene	10.626	180	273700	41.169	ng	96
31) Naphthalene	10.814	128	509131	40.310	ng	95
32) Benzoic acid	10.056	122	103125	41.457	ng	99
33) 4-Chloroaniline	10.913	127	192945	40.147	ng	97
34) Hexachlorobutadiene	11.096	225	244370	40.161	ng	94
35) Caprolactam	11.689	113	49900	39.994	ng	98
36) 4-Chloro-3-methylphenol	12.036	107	180697	40.453	ng	94
37) 2-Methylnaphthalene	12.418	142	402392	40.620	ng	98
38) 1-Methylnaphthalene	12.641	142	396487	40.518	ng	100
40) 1,2,4,5-Tetrachloroben...	12.788	216	430276	41.886	ng	99
41) Hexachlorocyclopentadiene	12.770	237	182021	42.886	ng	97
43) 2,4,6-Trichlorophenol	13.023	196	243212	42.227	ng	96

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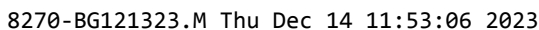
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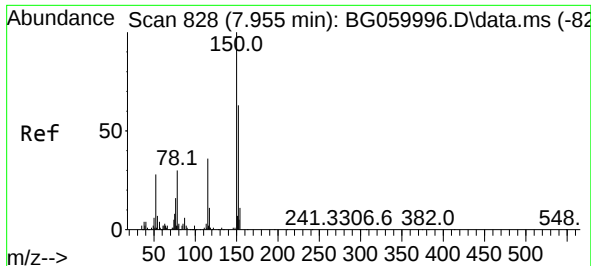
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	261745	41.780	ng	97
46) 1,1'-Biphenyl	13.428	154	602700	41.244	ng	98
47) 2-Chloronaphthalene	13.469	162	521989	41.247	ng	97
48) 2-Nitroaniline	13.669	65	122897	44.987	ng	91
49) Acenaphthylene	14.315	152	716777	41.406	ng	97
50) Dimethylphthalate	14.051	163	629689	41.170	ng	99
51) 2,6-Dinitrotoluene	14.163	165	140858	44.459	ng	99
52) Acenaphthene	14.662	154	498209	41.809	ng	97
53) 3-Nitroaniline	14.492	138	109581	43.283	ng	99
54) 2,4-Dinitrophenol	14.691	184	102646	43.973	ng	# 92
55) Dibenzofuran	14.991	168	812619	41.898	ng	98
56) 4-Nitrophenol	14.791	139	88324	41.510	ng	97
57) 2,4-Dinitrotoluene	14.950	165	193381	43.420	ng	96
58) Fluorene	15.643	166	682397	41.724	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.214	232	278548	42.713	ng	98
60) Diethylphthalate	15.414	149	581338	41.309	ng	97
61) 4-Chlorophenyl-phenyle...	15.637	204	495308	42.051	ng	98
62) 4-Nitroaniline	15.661	138	115431	41.871	ng	98
63) Azobenzene	15.931	77	566665	40.841	ng	97
65) 4,6-Dinitro-2-methylph...	15.714	198	164237	44.864	ng	95
66) n-Nitrosodiphenylamine	15.849	169	602744	42.258	ng	95
67) 4-Bromophenyl-phenylether	16.530	248	348059	42.251	ng	98
68) Hexachlorobenzene	16.642	284	399247	41.458	ng	95
69) Atrazine	16.795	200	209274	43.426	ng	96
70) Pentachlorophenol	16.983	266	268732	43.075	ng	93
71) Phenanthrene	17.382	178	1167293	41.276	ng	99
72) Anthracene	17.476	178	1182651	41.592	ng	98
73) Carbazole	17.741	167	992553	41.077	ng	98
74) Di-n-butylphthalate	18.311	149	935354	42.434	ng	97
75) Fluoranthene	19.398	202	1718635	41.645	ng	98
77) Benzidine	19.580	184	488977	55.504	ng	# 96
78) Pyrene	19.762	202	1780015	42.813	ng	99
80) Butylbenzylphthalate	20.655	149	329776	44.164	ng	96
81) Benzo(a)anthracene	21.595	228	1923391	41.748	ng	99
82) 3,3'-Dichlorobenzidine	21.513	252	640407	42.243	ng	96
83) Chrysene	21.660	228	1835329	42.048	ng	99
84) Bis(2-ethylhexyl)phtha...	21.513	149	498767	44.069	ng	98
85) Di-n-octyl phthalate	22.717	149	853741	43.609	ng	99
87) Indeno(1,2,3-cd)pyrene	28.440	276	2337439	41.133	ng	99
88) Benzo(b)fluoranthene	23.787	252	2009467	40.863	ng	100
89) Benzo(k)fluoranthene	23.863	252	1967257	41.243	ng	99
90) Benzo(a)pyrene	24.650	252	1778168	40.813	ng	97
91) Dibenzo(a,h)anthracene	28.505	278	1962876	41.308	ng	100
92) Benzo(g,h,i)perylene	29.574	276	1929403	40.820	ng	97

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

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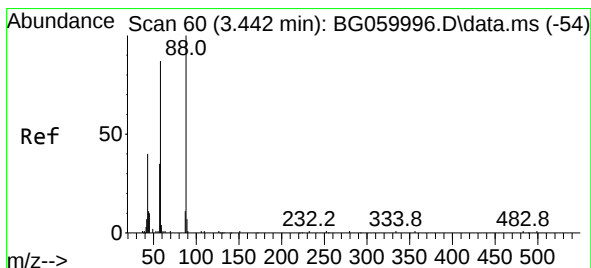
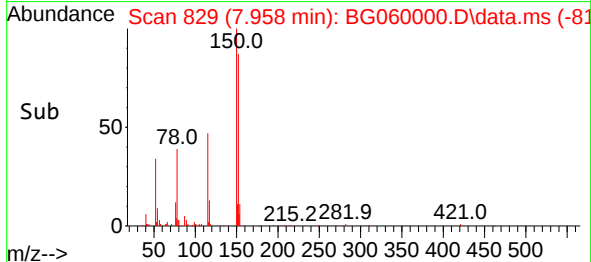
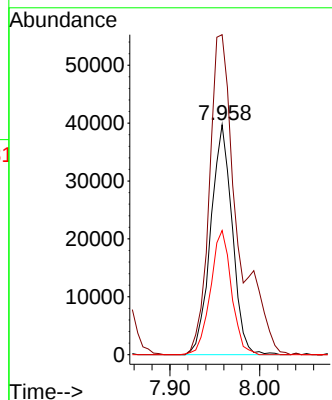
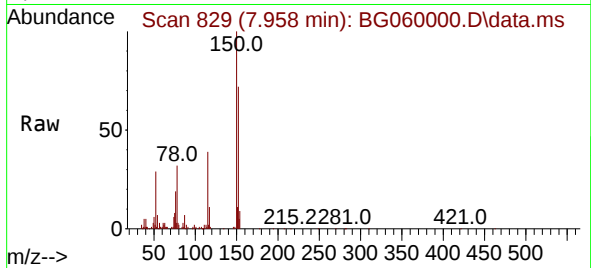




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: BG060000.D
 Acq: 13 Dec 2023 17:23

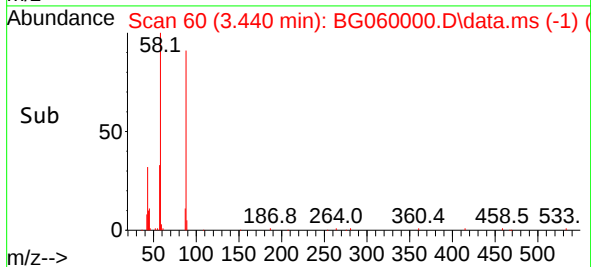
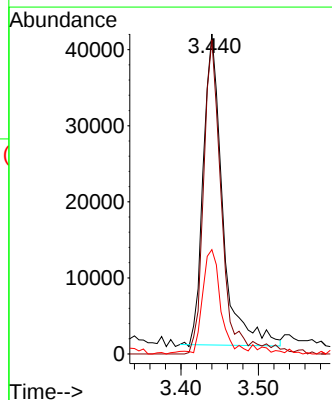
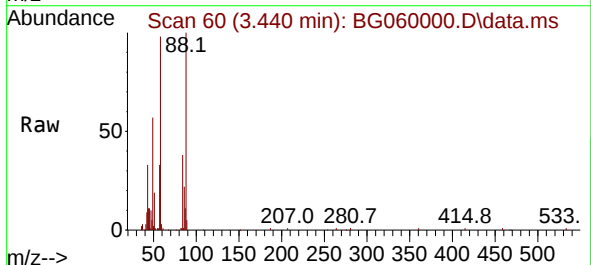
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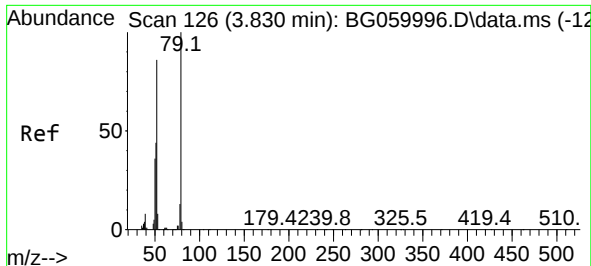
Tgt Ion:152 Resp: 66211
 Ion Ratio Lower Upper
 152 100
 150 139.1 127.0 190.6
 115 54.0 45.7 68.5



#2
 1,4-Dioxane
 Concen: 38.752 ng
 RT: 3.440 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: BG060000.D
 Acq: 13 Dec 2023 17:23

Tgt Ion: 88 Resp: 70924
 Ion Ratio Lower Upper
 88 100
 58 94.6 68.5 102.7
 43 32.0 28.8 43.2

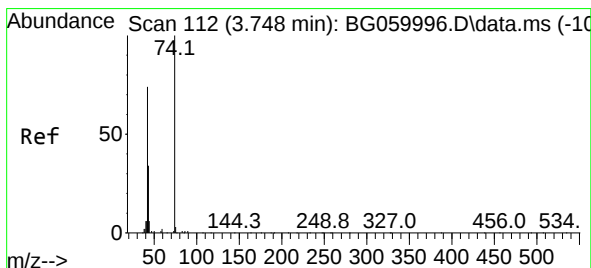
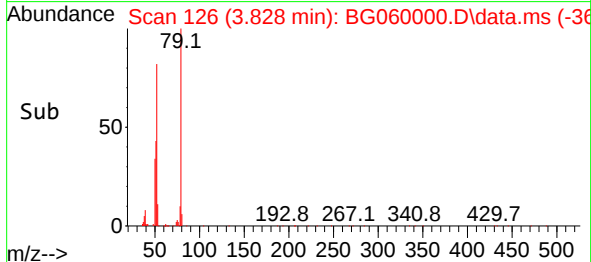
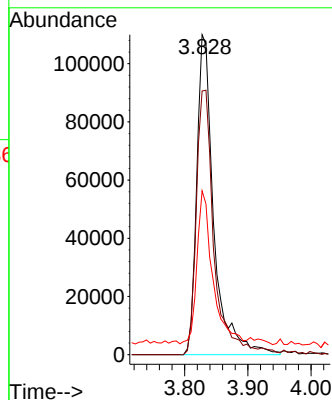
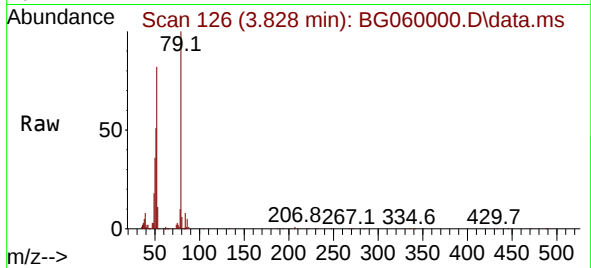




#3
Pyridine
Concen: 40.243 ng
RT: 3.828 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

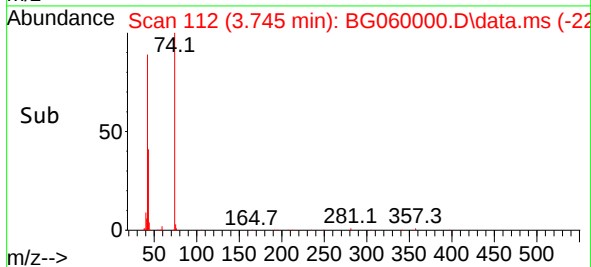
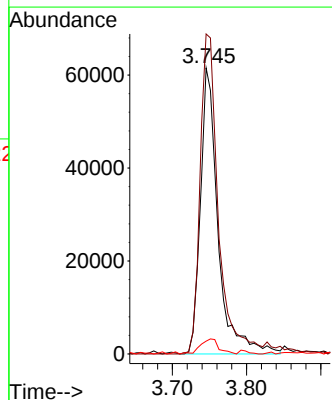
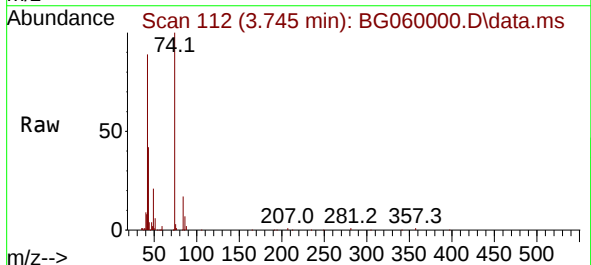
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

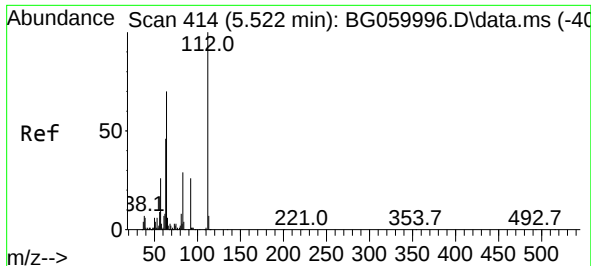
Tgt Ion: 79 Resp: 206270
Ion Ratio Lower Upper
79 100
52 82.4 68.7 103.1
51 51.2 41.1 61.7



#4
n-Nitrosodimethylamine
Concen: 40.411 ng
RT: 3.745 min Scan# 112
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion: 42 Resp: 101883
Ion Ratio Lower Upper
42 100
74 111.9 107.4 161.2
44 4.5 6.0 9.0#

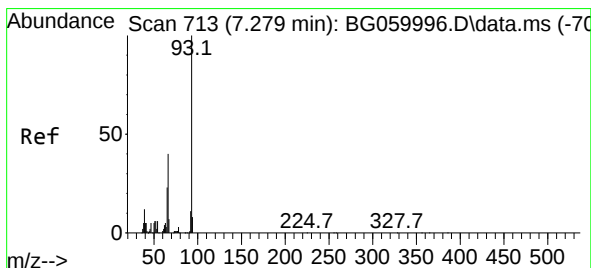
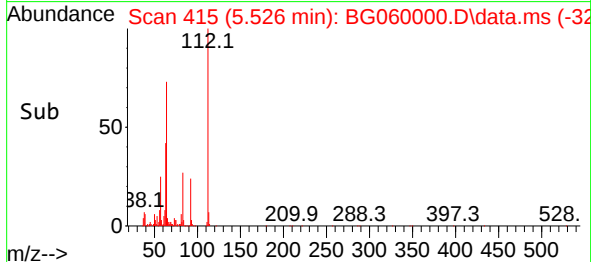
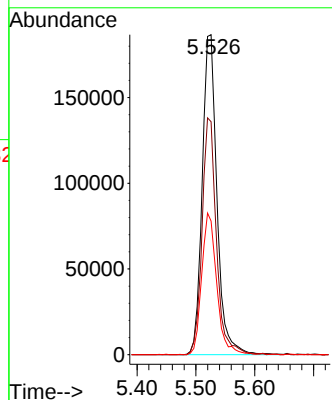
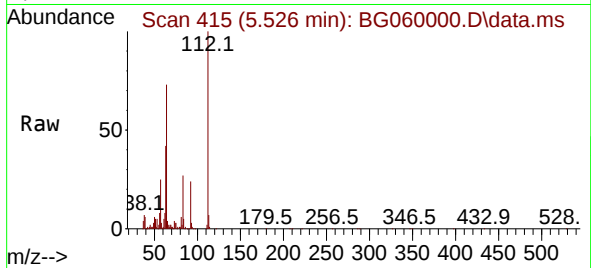




#5
2-Fluorophenol
Concen: 84.132 ng
RT: 5.526 min Scan# 414
Delta R.T. 0.004 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

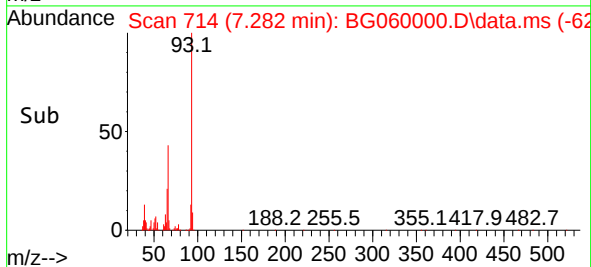
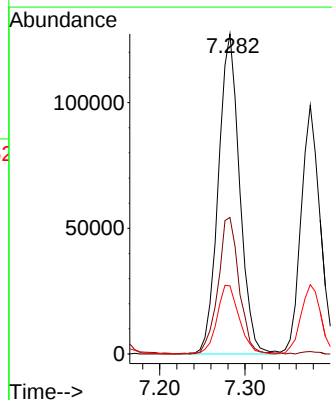
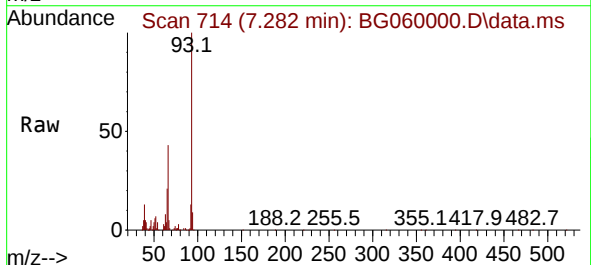
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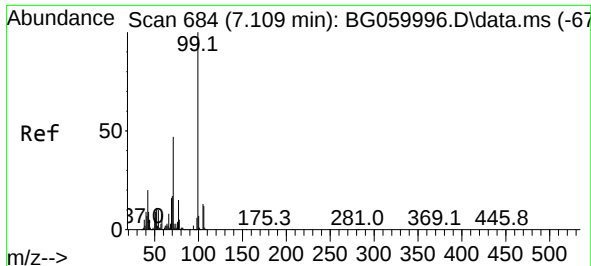
Tgt Ion:112 Resp: 325404
Ion Ratio Lower Upper
112 100
64 72.8 55.9 83.9
63 41.8 36.5 54.7



#6
Aniline
Concen: 39.927 ng
RT: 7.282 min Scan# 714
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion: 93 Resp: 221258
Ion Ratio Lower Upper
93 100
66 42.7 31.8 47.8
65 21.3 18.6 28.0

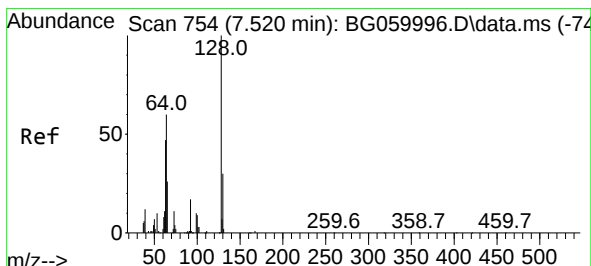
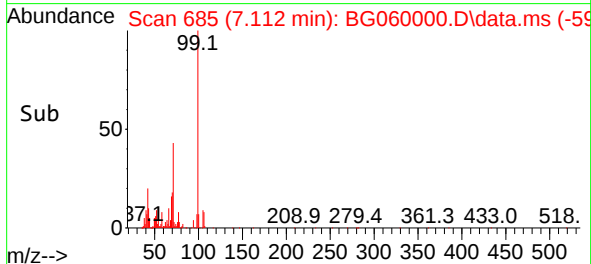
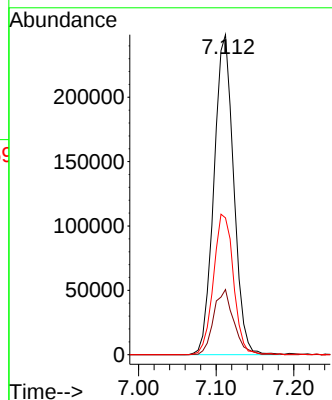
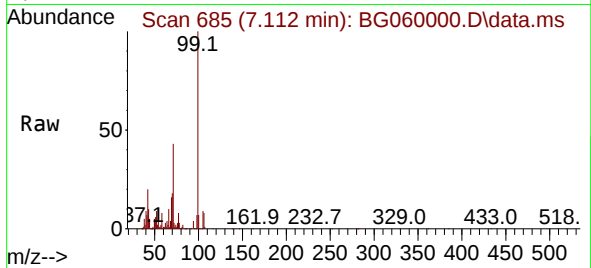




#7
Phenol-d6
Concen: 80.788 ng
RT: 7.112 min Scan# 685
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

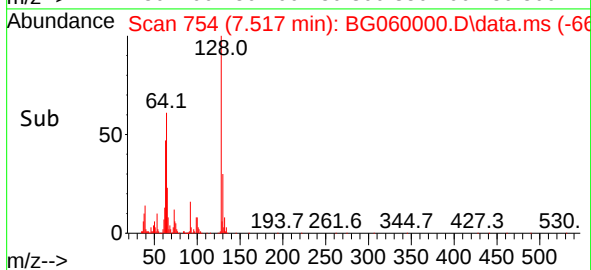
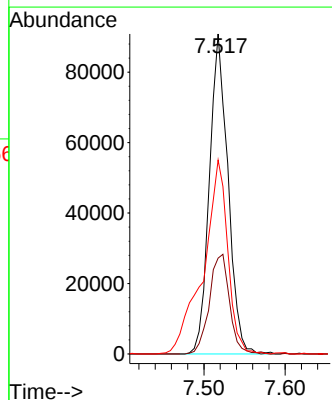
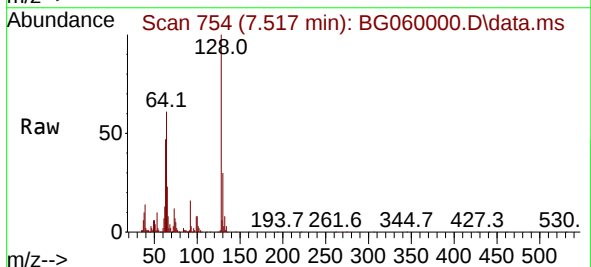
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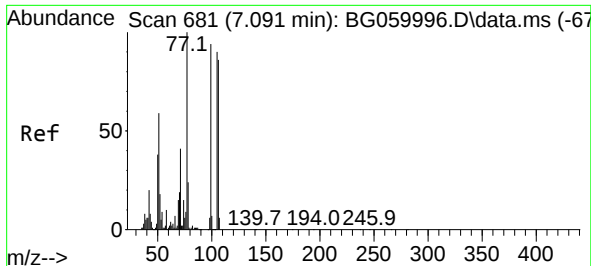
Tgt Ion: 99 Resp: 439543
Ion Ratio Lower Upper
99 100
42 20.4 16.2 24.4
71 42.8 37.6 56.4



#8
2-Chlorophenol
Concen: 39.294 ng
RT: 7.517 min Scan# 754
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion: 128 Resp: 144022
Ion Ratio Lower Upper
128 100
130 30.0 10.3 50.3
64 60.6 44.2 84.2

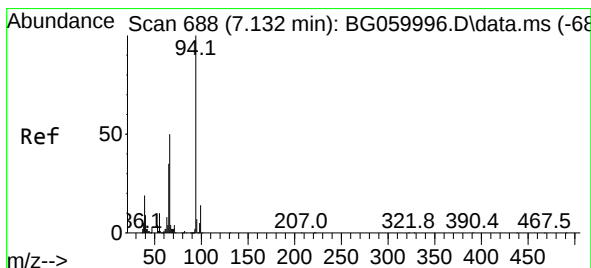
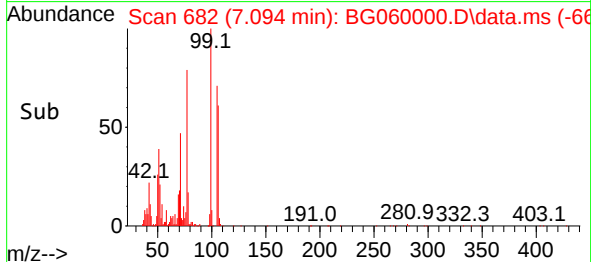
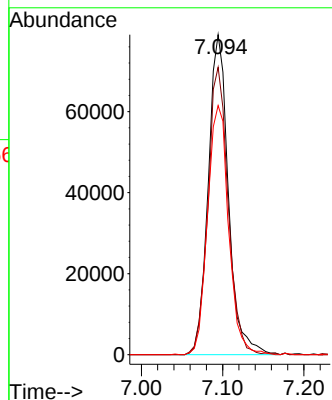
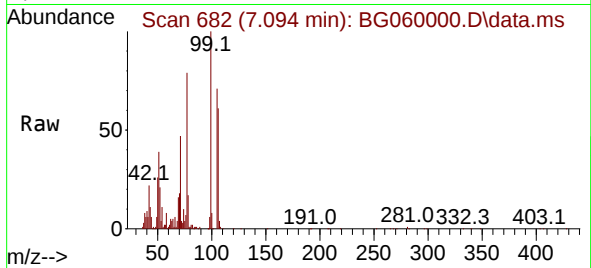




#9
Benzaldehyde
Concen: 40.987 ng
RT: 7.094 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

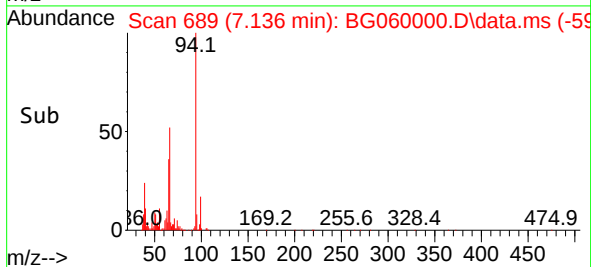
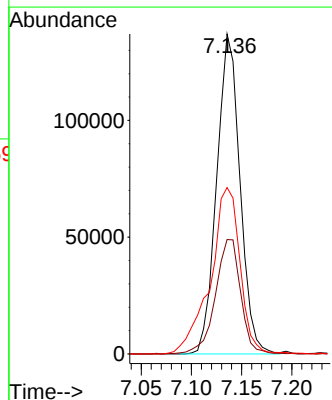
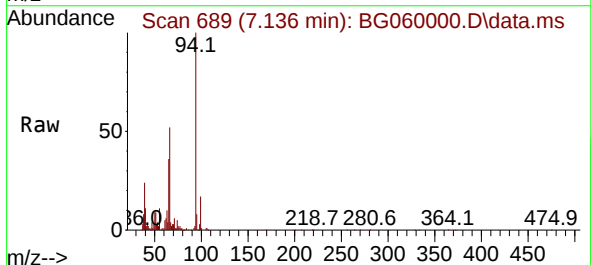
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ClientSampleId :
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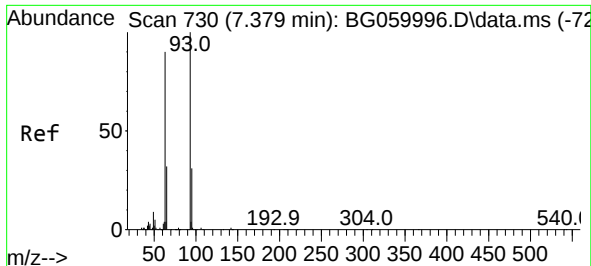
Tgt Ion: 77 Resp: 135592
Ion Ratio Lower Upper
77 100
105 89.8 70.5 110.5
106 77.9 66.0 106.0



#10
Phenol
Concen: 40.385 ng
RT: 7.136 min Scan# 689
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion: 94 Resp: 220724
Ion Ratio Lower Upper
94 100
65 35.8 15.5 55.5
66 52.0 31.6 71.6

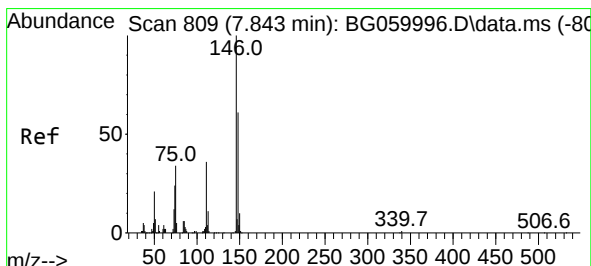
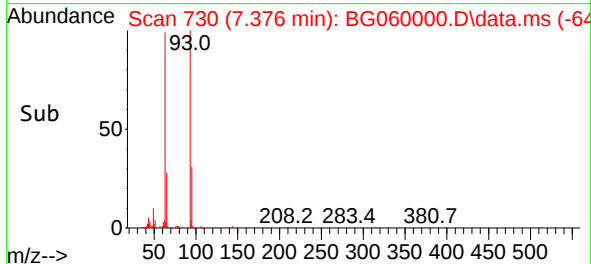
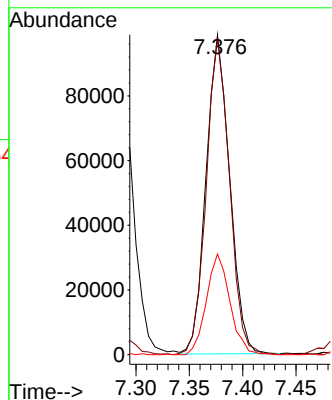
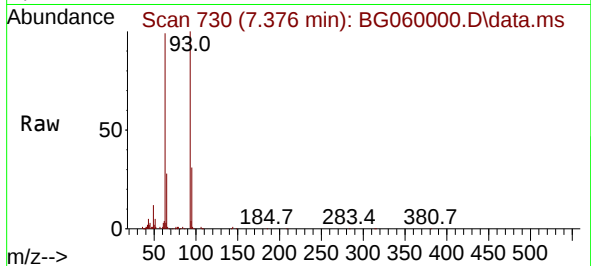




#11
bis(2-Chloroethyl)ether
Concen: 38.812 ng
RT: 7.376 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

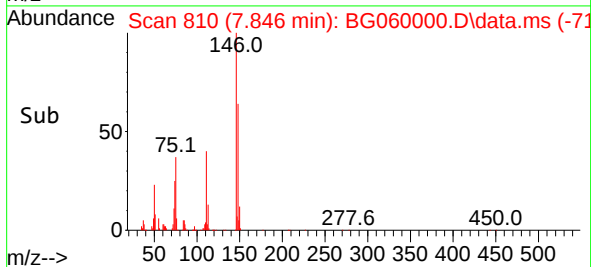
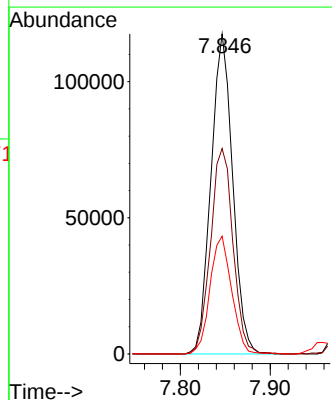
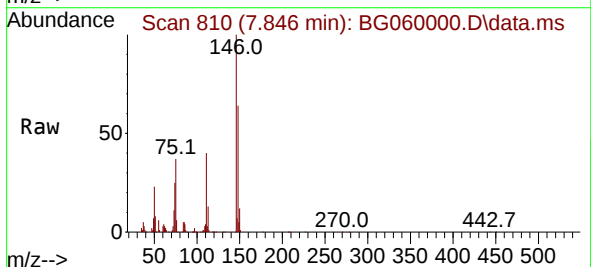
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

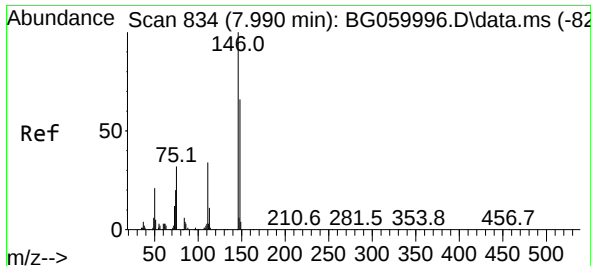
Tgt Ion: 93 Resp: 151862
Ion Ratio Lower Upper
93 100
63 98.6 69.8 109.8
95 31.5 10.7 50.7



#12
1,3-Dichlorobenzene
Concen: 40.177 ng
RT: 7.846 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:146 Resp: 196920
Ion Ratio Lower Upper
146 100
148 64.2 49.1 73.7
75 36.8 27.0 40.6

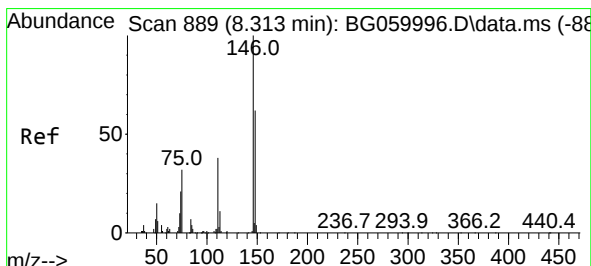
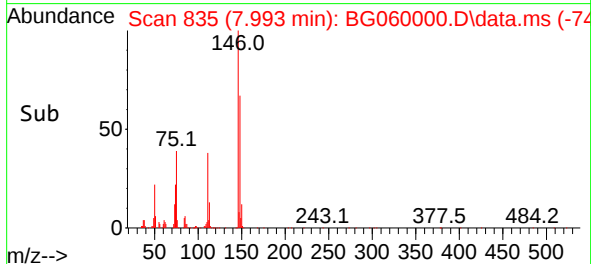
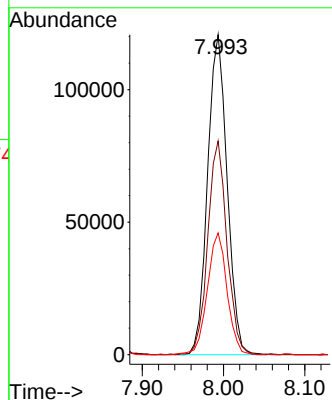
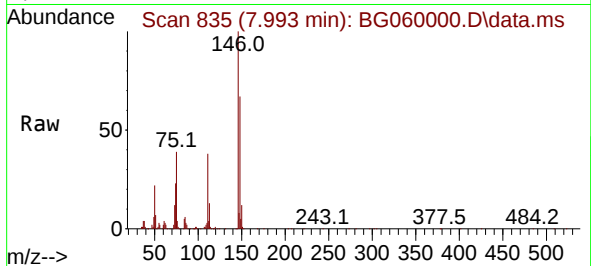




#13
1,4-Dichlorobenzene
Concen: 39.444 ng
RT: 7.993 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

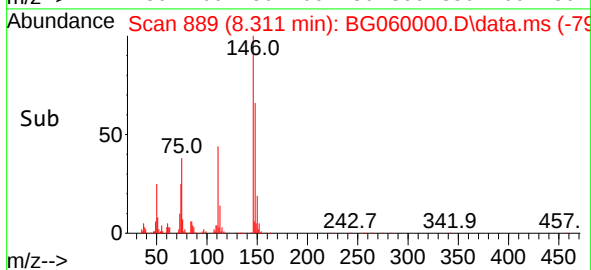
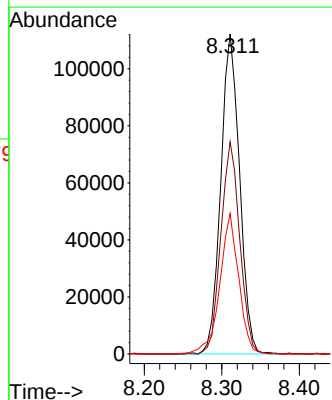
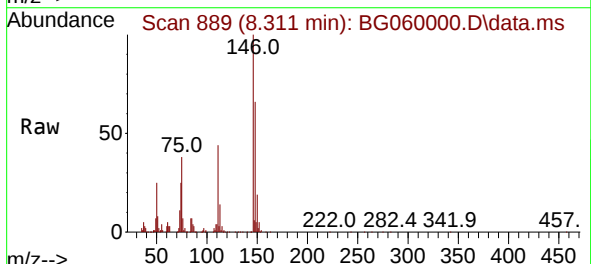
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

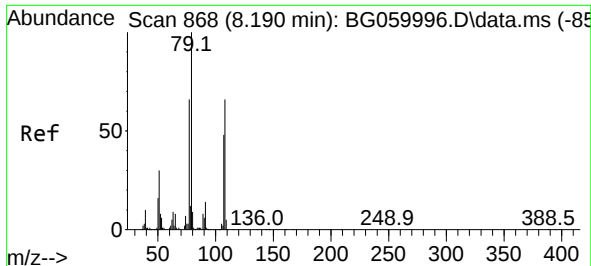
Tgt Ion:146 Resp: 201173
Ion Ratio Lower Upper
146 100
148 66.8 52.9 79.3
111 38.0 27.6 41.4



#14
1,2-Dichlorobenzene
Concen: 38.617 ng
RT: 8.311 min Scan# 889
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:146 Resp: 189491
Ion Ratio Lower Upper
146 100
148 66.3 49.7 74.5
111 43.9 30.9 46.3

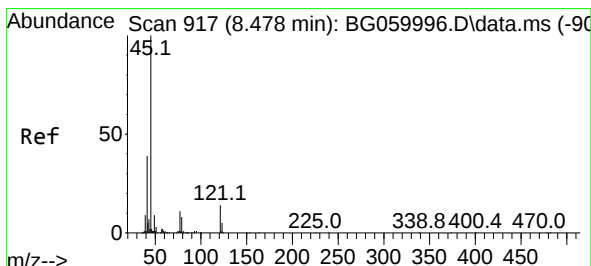
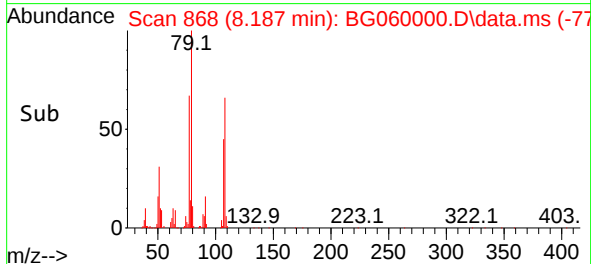
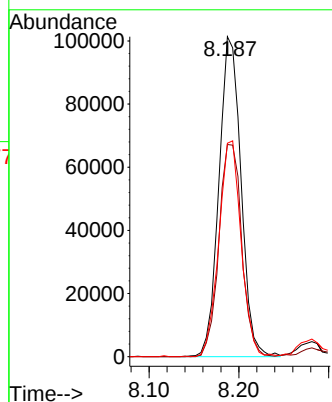
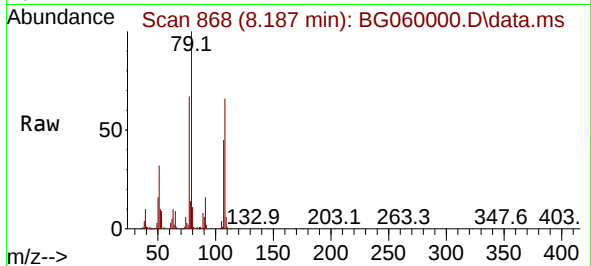




#15
Benzyl Alcohol
Concen: 39.504 ng
RT: 8.187 min Scan# 868
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

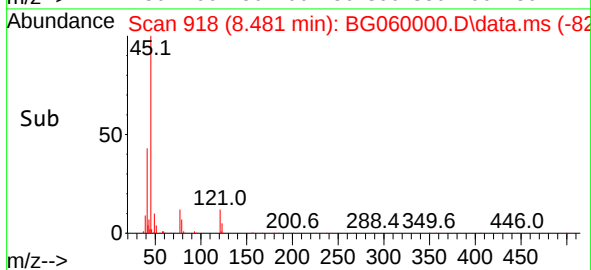
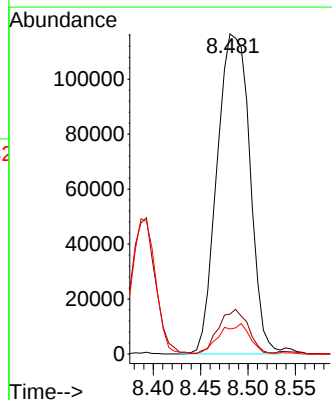
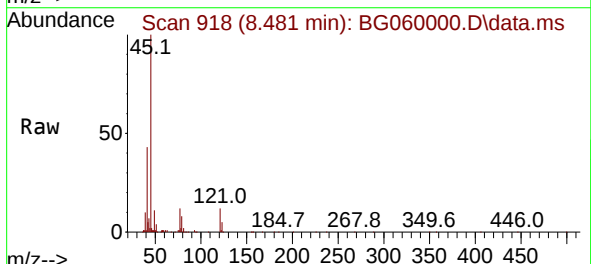
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

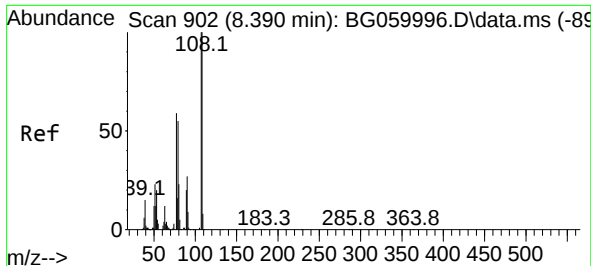
Tgt Ion: 79 Resp: 172742
Ion Ratio Lower Upper
79 100
108 66.3 53.1 79.7
77 66.7 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.052 ng
RT: 8.481 min Scan# 918
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion: 45 Resp: 280429
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.7
79 7.8 0.0 28.7





#17

2-Methylphenol

Concen: 40.266 ng

RT: 8.393 min Scan# 90

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

Tgt Ion:107 Resp: 146725

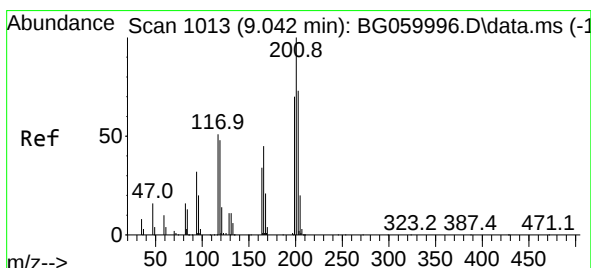
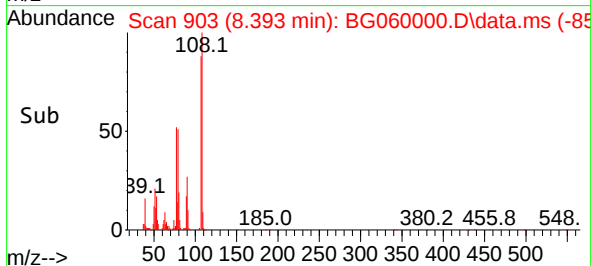
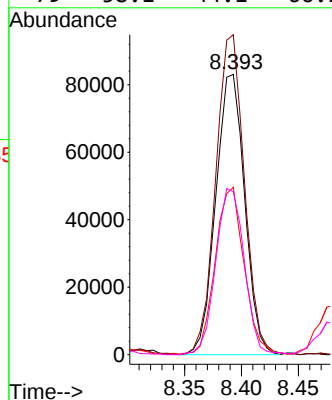
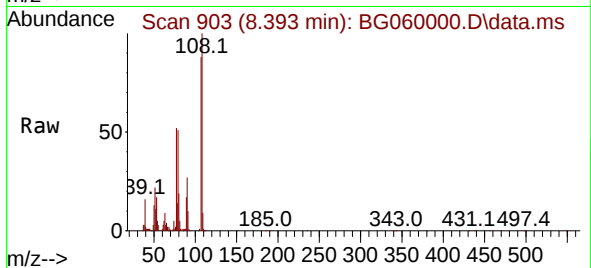
Ion Ratio Lower Upper

107 100

108 114.1 80.7 121.1

77 59.7 47.8 71.6

79 58.1 44.1 66.1



#18

Hexachloroethane

Concen: 39.537 ng

RT: 9.045 min Scan# 1014

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

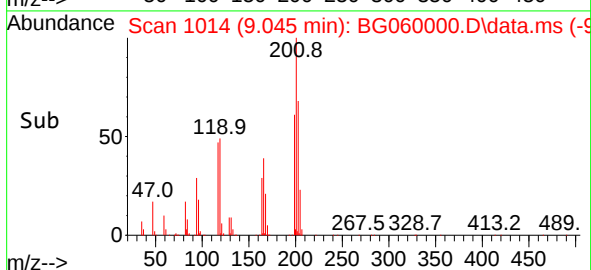
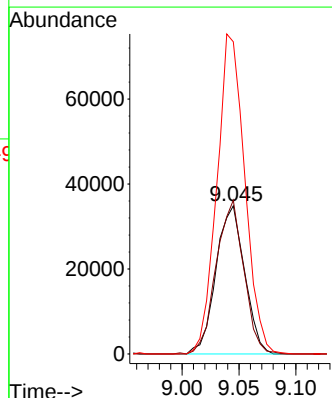
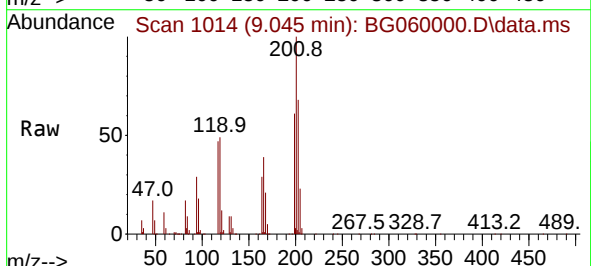
Tgt Ion:117 Resp: 61085

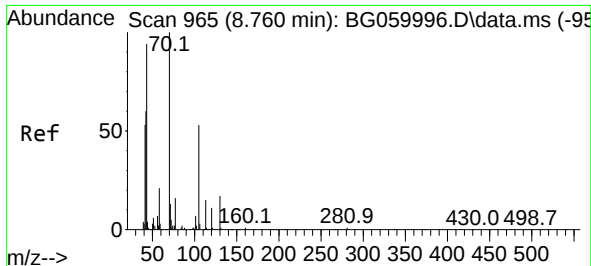
Ion Ratio Lower Upper

117 100

119 103.8 74.5 111.7

201 210.8 156.5 234.7

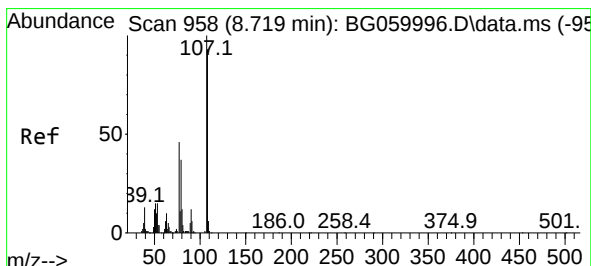
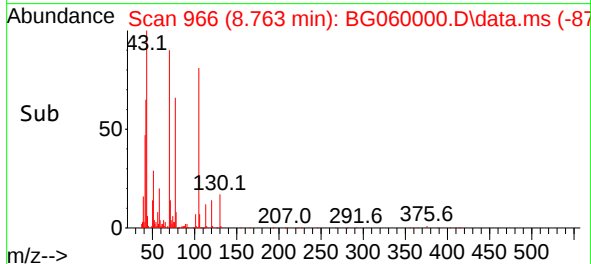
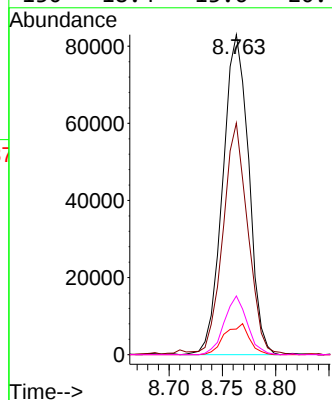
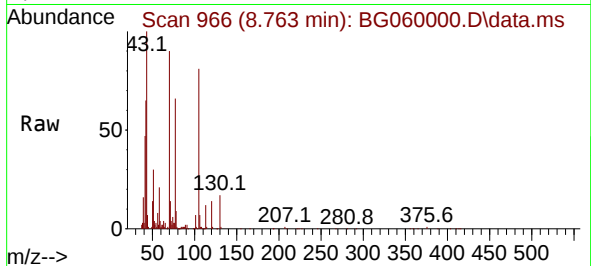




#19
n-Nitroso-di-n-propylamine
Concen: 39.998 ng
RT: 8.763 min Scan# 965
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

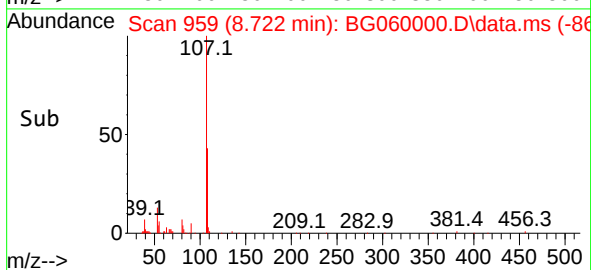
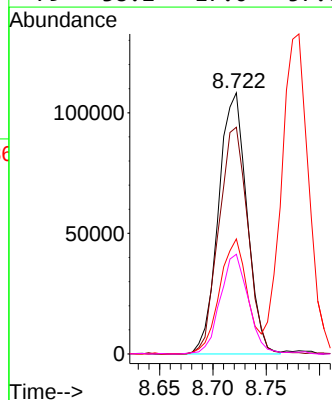
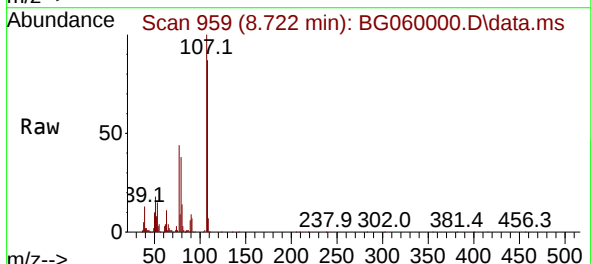
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

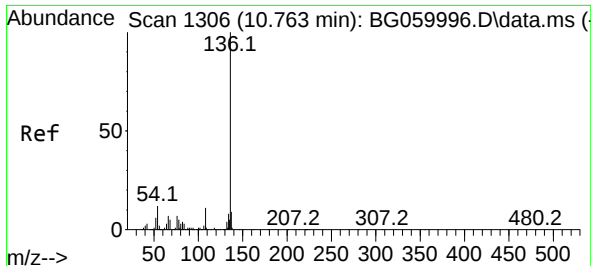
Tgt Ion: 70 Resp: 140401
Ion Ratio Lower Upper
70 100
42 72.4 48.6 73.0
101 8.0 5.7 8.5
130 18.4 13.6 20.4



#20
3+4-Methylphenols
Concen: 39.393 ng
RT: 8.722 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion: 107 Resp: 200500
Ion Ratio Lower Upper
107 100
108 86.8 72.8 112.8
77 44.0 25.6 65.6
79 38.2 17.0 57.0

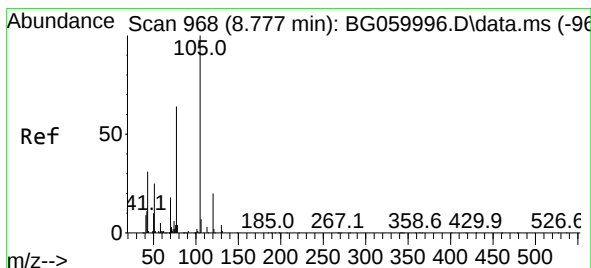
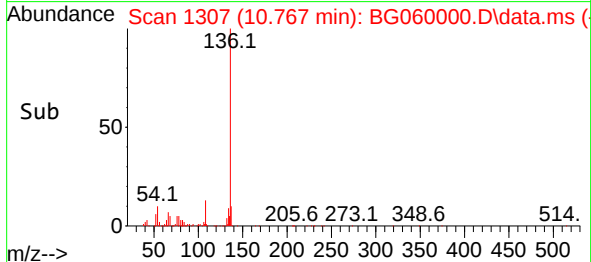
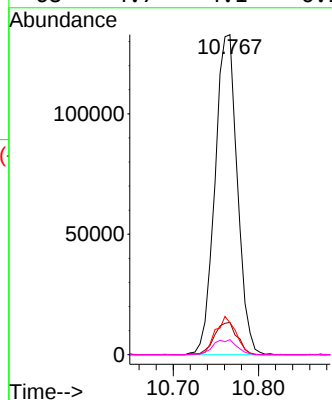
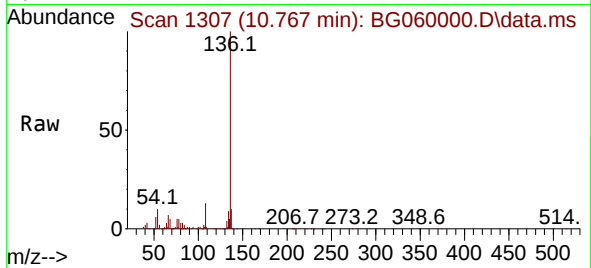




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.767 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

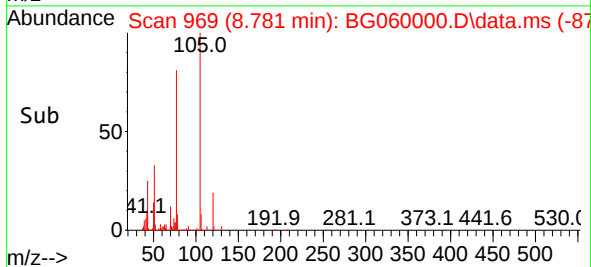
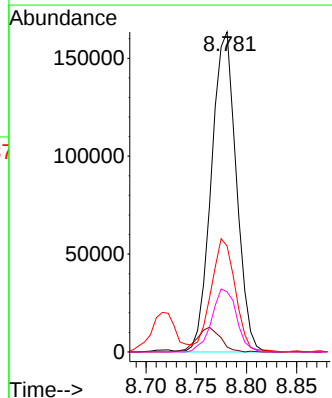
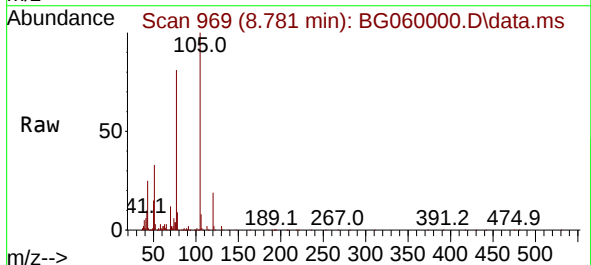
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

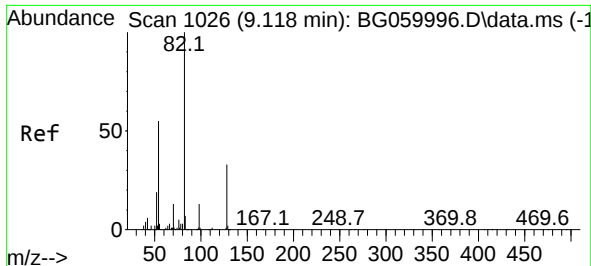
Tgt Ion:	136	Resp:	242625
Ion	Ratio	Lower	Upper
136	100		
137	10.1	7.3	10.9
54	10.0	9.6	14.4
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 39.891 ng
RT: 8.781 min Scan# 969
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:	105	Resp:	282046
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.1	3.1
51	33.1	25.4	38.0
120	18.8	16.0	24.0





#23

Nitrobenzene-d5

Concen: 82.348 ng

RT: 9.116 min Scan# 1026

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

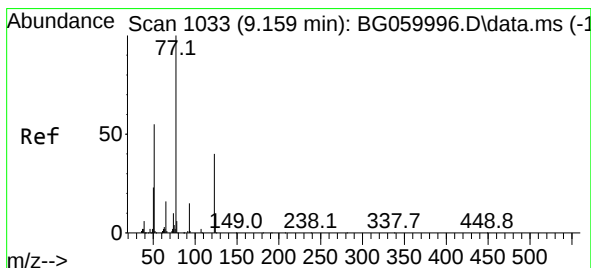
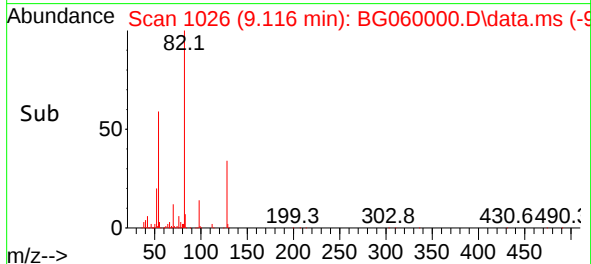
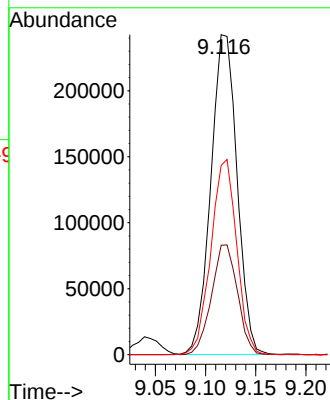
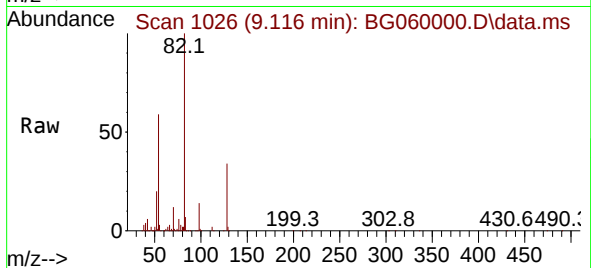
Tgt Ion: 82 Resp: 440001

Ion Ratio Lower Upper

82 100

128 34.2 26.3 39.5

54 59.1 44.3 66.5



#24

Nitrobenzene

Concen: 42.471 ng

RT: 9.163 min Scan# 1034

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

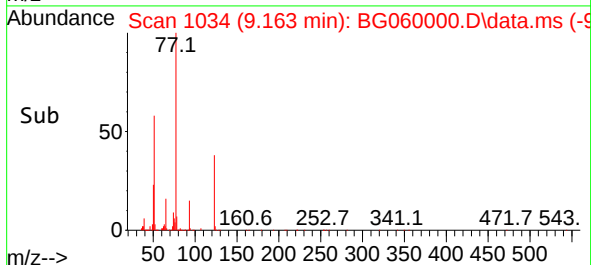
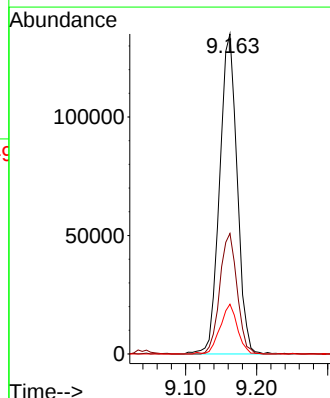
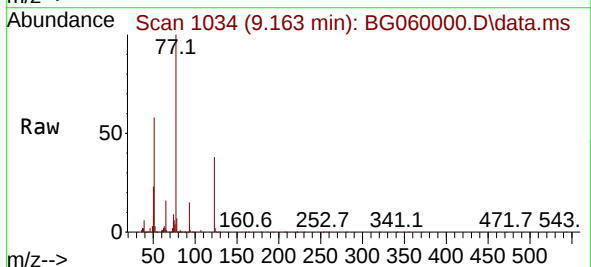
Tgt Ion: 77 Resp: 230387

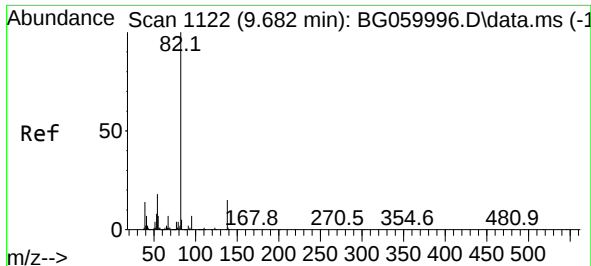
Ion Ratio Lower Upper

77 100

123 37.7 32.1 48.1

65 15.5 13.0 19.4

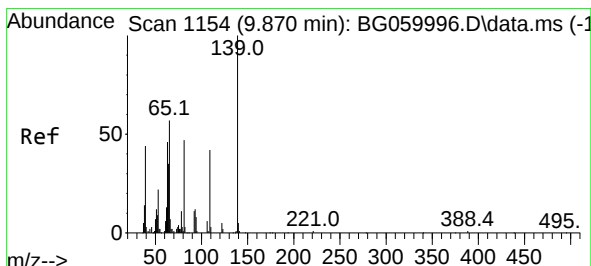
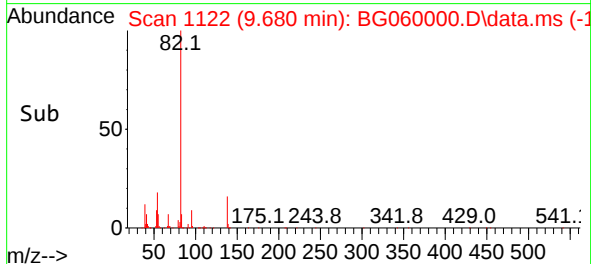
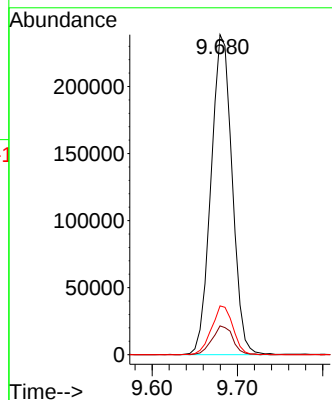
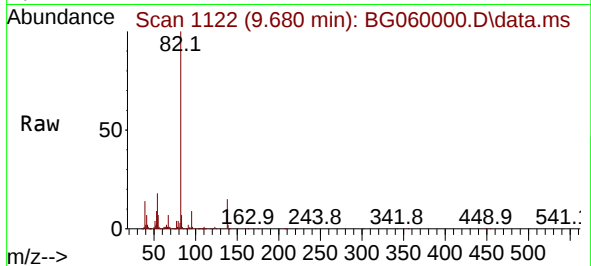




#25
Isophorone
Concen: 40.151 ng
RT: 9.680 min Scan# 1122
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

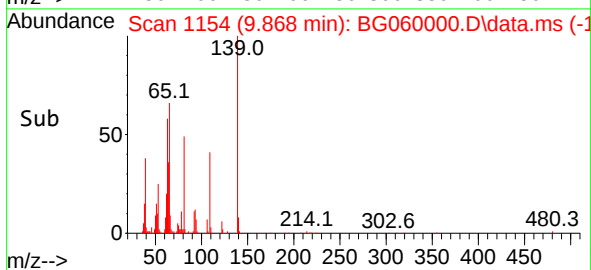
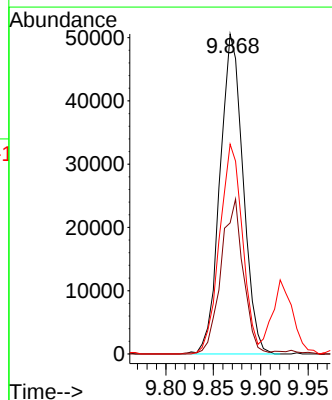
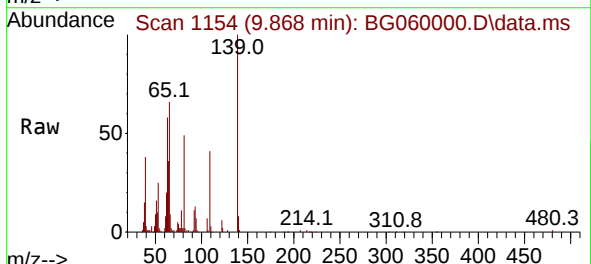
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

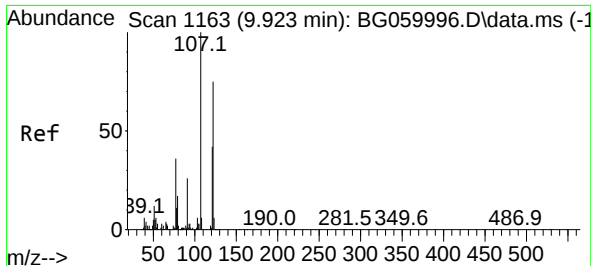
Tgt Ion: 82 Resp: 410604
Ion Ratio Lower Upper
82 100
95 9.0 5.8 8.8#
138 15.2 11.6 17.4



#26
2-Nitrophenol
Concen: 42.951 ng
RT: 9.868 min Scan# 1154
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:139 Resp: 85687
Ion Ratio Lower Upper
139 100
109 41.0 33.8 50.6
65 65.6 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 38.565 ng

RT: 9.926 min Scan# 1164

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

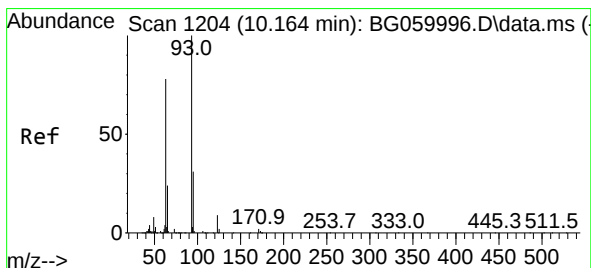
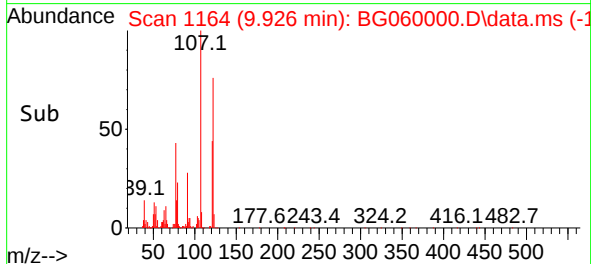
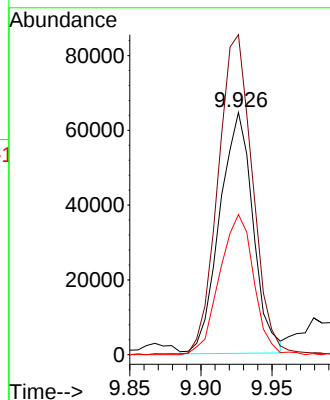
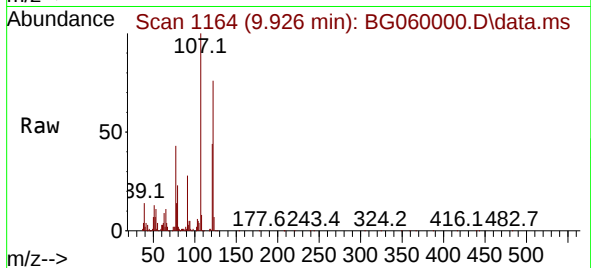
Tgt Ion:122 Resp: 105460

Ion Ratio Lower Upper

122 100

107 132.1 105.9 158.9

121 57.9 44.5 66.7



#28

bis(2-Chloroethoxy)methane

Concen: 40.198 ng

RT: 10.167 min Scan# 1205

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

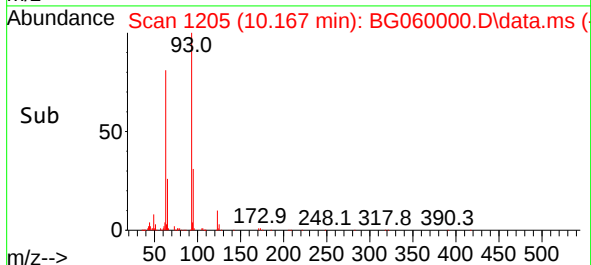
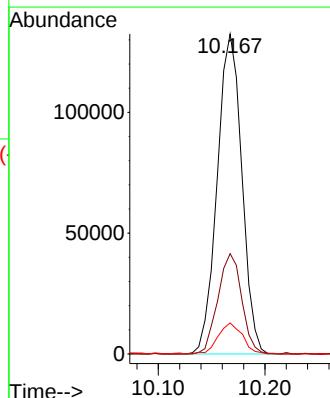
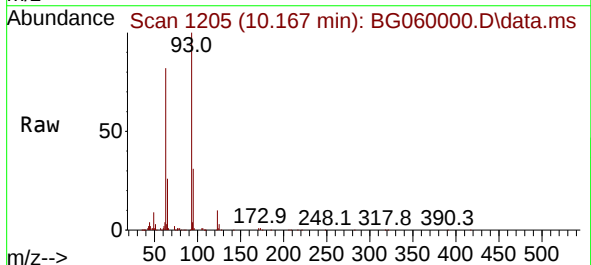
Tgt Ion: 93 Resp: 212246

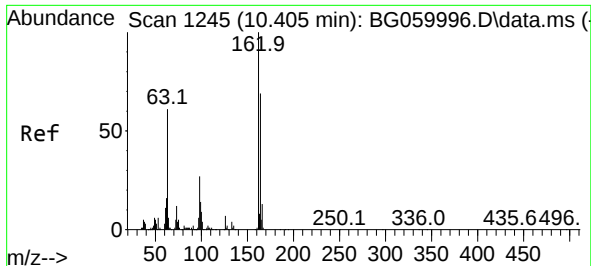
Ion Ratio Lower Upper

93 100

95 31.4 24.7 37.1

123 9.7 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 42.109 ng

RT: 10.402 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

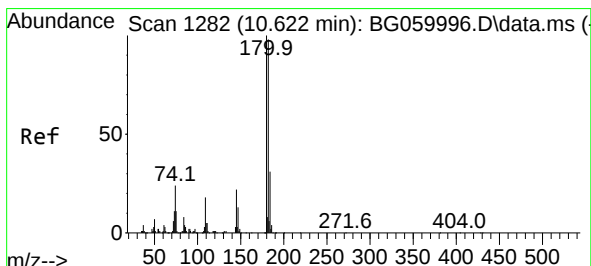
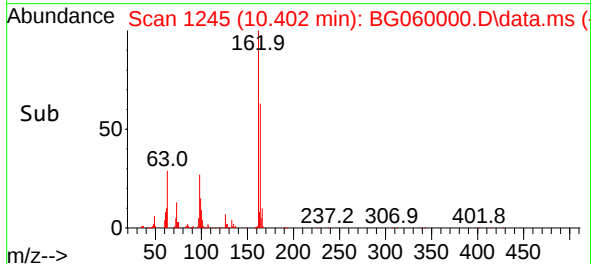
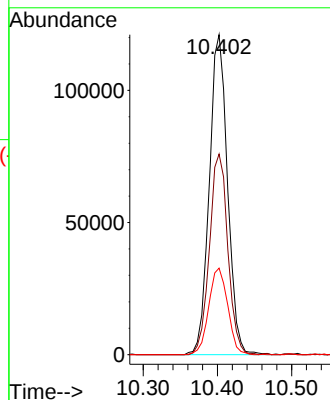
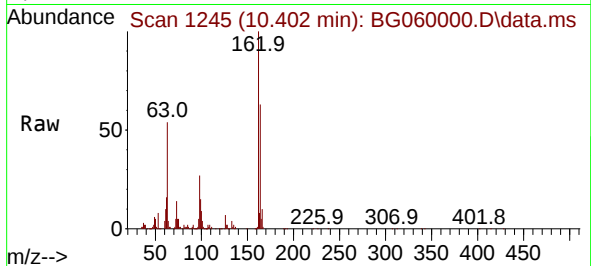
Tgt Ion:162 Resp: 206818

Ion Ratio Lower Upper

162 100

164 62.7 48.8 88.8

98 27.1 7.2 47.2



#30

1,2,4-Trichlorobenzene

Concen: 41.169 ng

RT: 10.626 min Scan# 1283

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

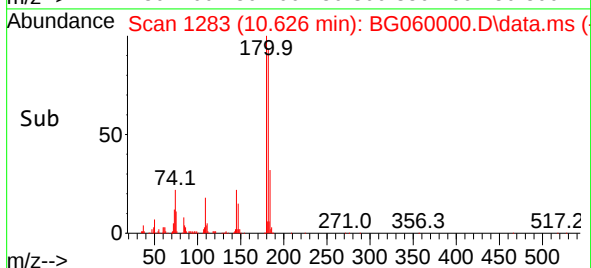
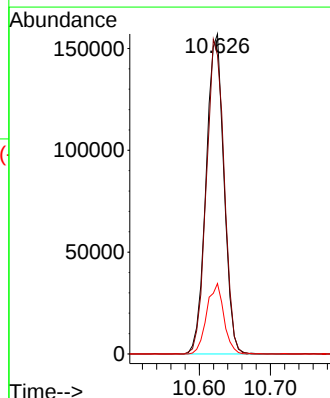
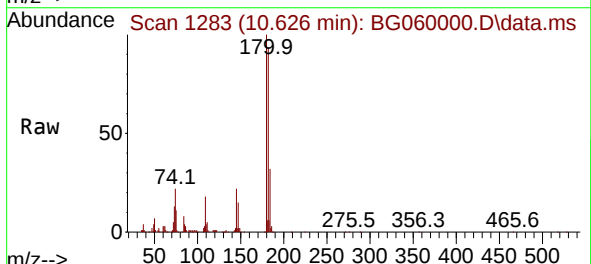
Tgt Ion:180 Resp: 273700

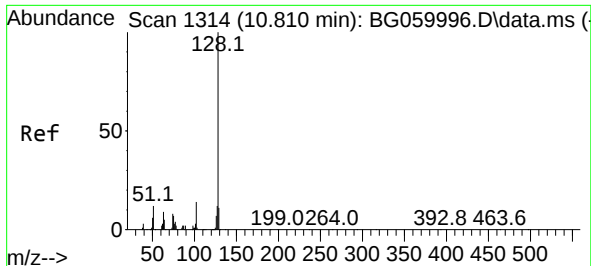
Ion Ratio Lower Upper

180 100

182 93.4 78.2 117.4

145 22.0 17.2 25.8

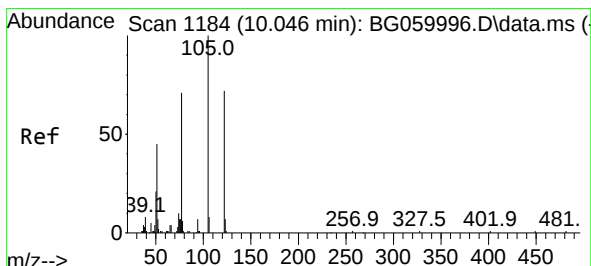
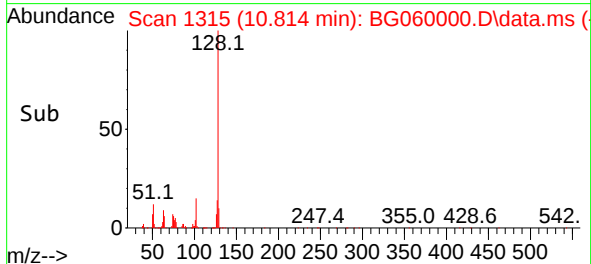
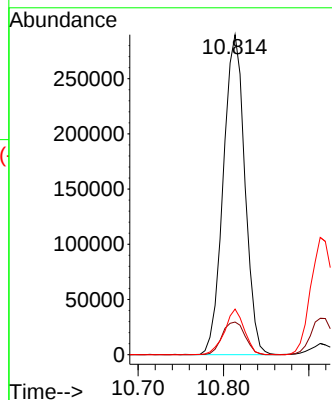
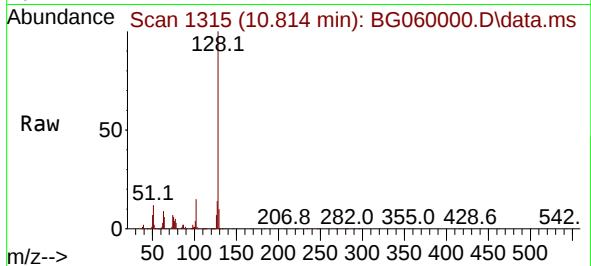




#31
Naphthalene
Concen: 40.310 ng
RT: 10.814 min Scan# 1186
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

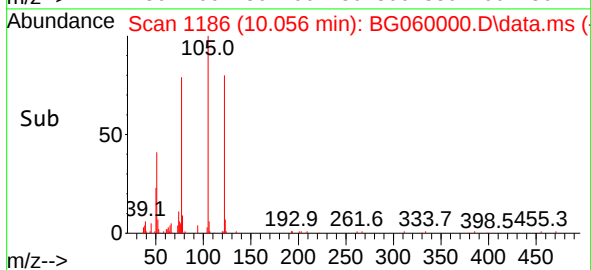
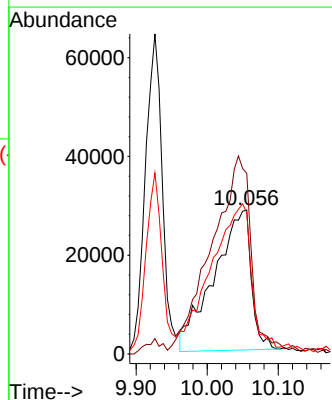
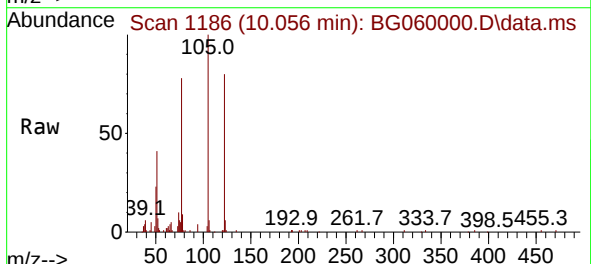
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

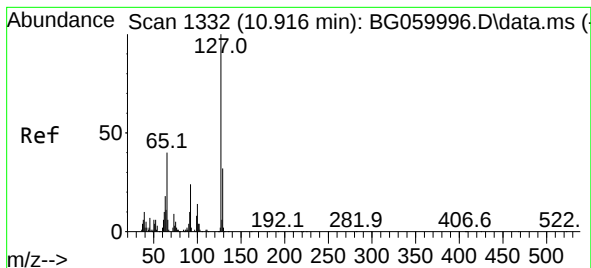
Tgt Ion:128 Resp: 509131
Ion Ratio Lower Upper
128 100
129 10.2 9.2 13.8
127 14.3 9.7 14.5



#32
Benzoic acid
Concen: 41.457 ng
RT: 10.056 min Scan# 1186
Delta R.T. 0.009 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:122 Resp: 103125
Ion Ratio Lower Upper
122 100
105 125.4 106.2 146.2
77 98.1 80.4 120.4

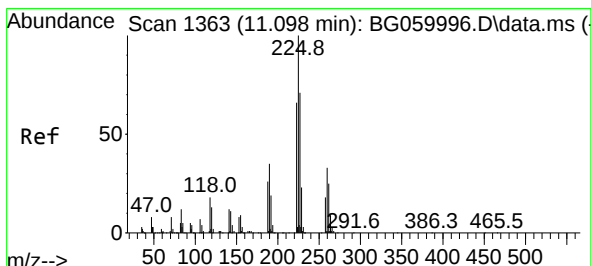
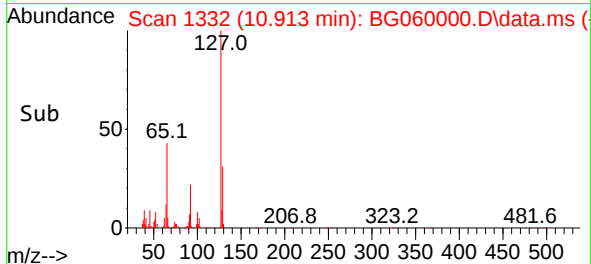
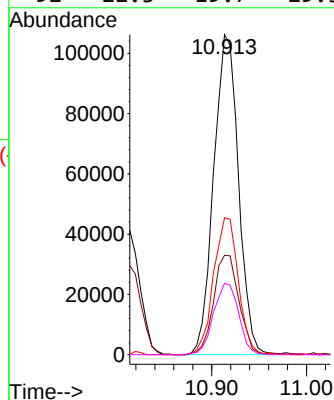
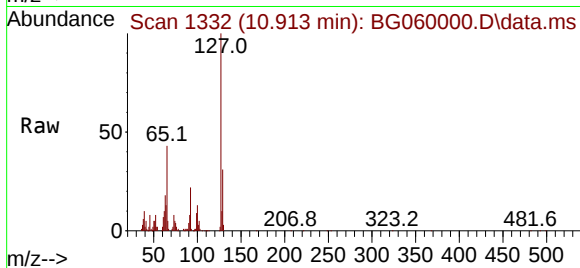




#33
4-Chloroaniline
Concen: 40.147 ng
RT: 10.913 min Scan# 1332
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

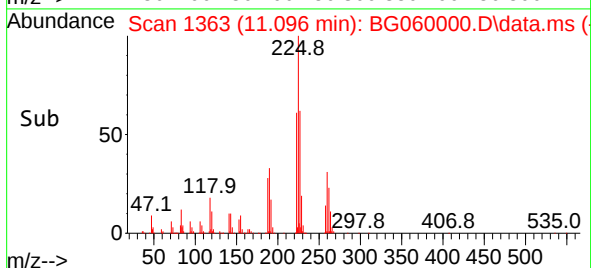
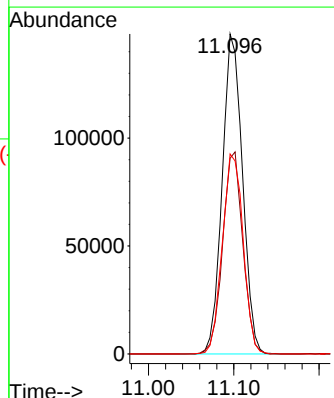
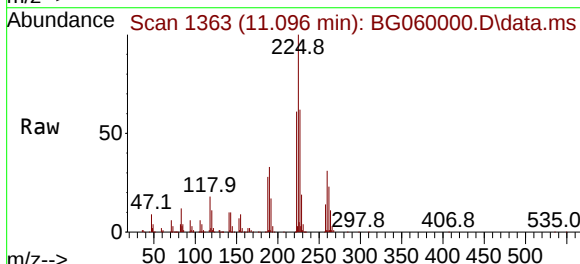
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

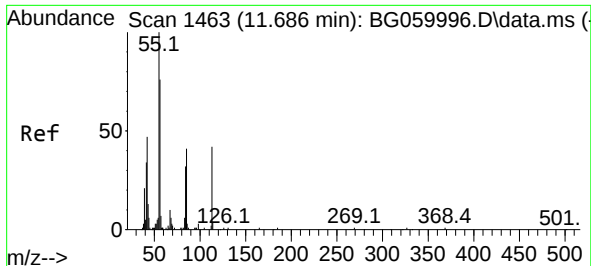
Tgt Ion:	127	Resp:	192945
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.7	38.5
65	42.8	32.3	48.5
92	22.3	19.7	29.5



#34
Hexachlorobutadiene
Concen: 40.161 ng
RT: 11.096 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:	225	Resp:	244370
Ion	Ratio	Lower	Upper
225	100		
223	61.1	52.4	78.6
227	65.3	56.6	85.0

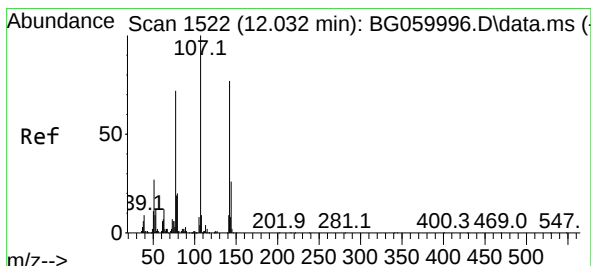
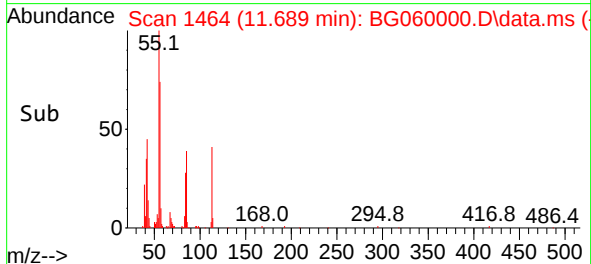
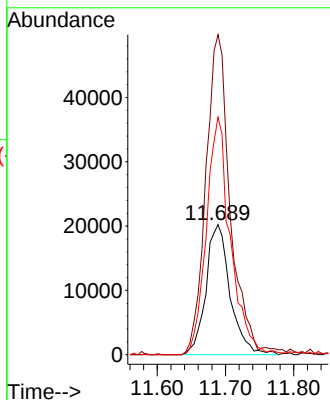
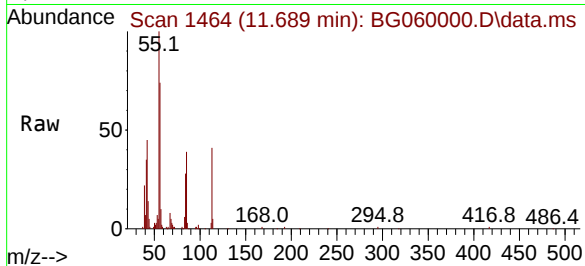




#35
Caprolactam
Concen: 39.994 ng
RT: 11.689 min Scan# 1463
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

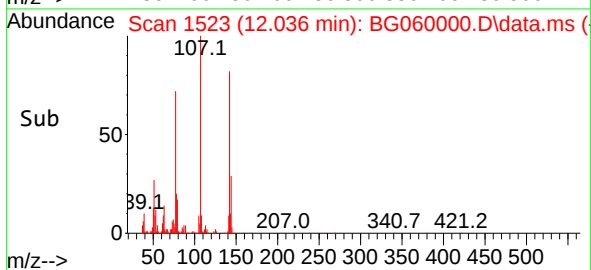
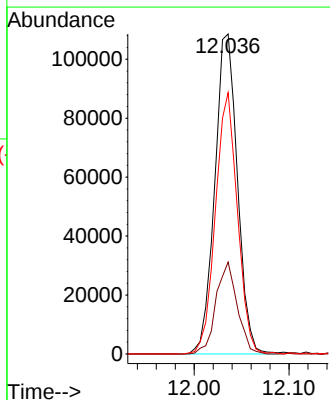
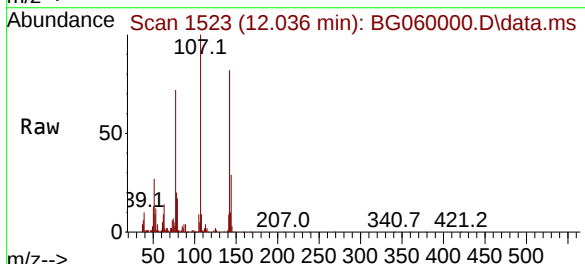
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

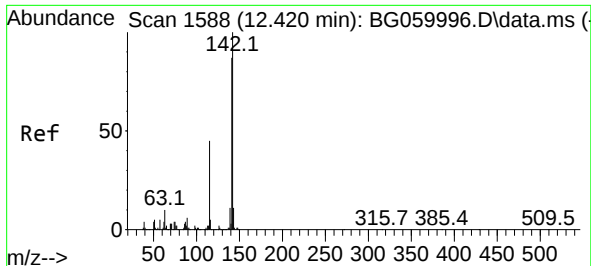
Tgt Ion:113 Resp: 49900
Ion Ratio Lower Upper
113 100
55 246.0 219.5 259.5
56 182.5 161.6 201.6



#36
4-Chloro-3-methylphenol
Concen: 40.453 ng
RT: 12.036 min Scan# 1523
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:107 Resp: 180697
Ion Ratio Lower Upper
107 100
144 28.7 20.4 30.6
142 81.7 61.4 92.0

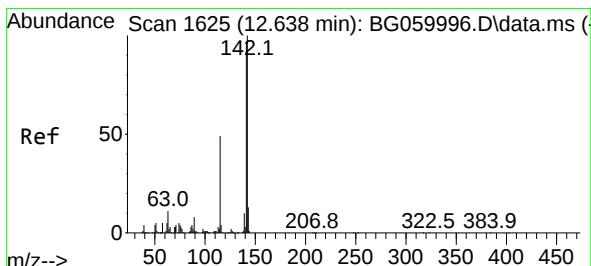
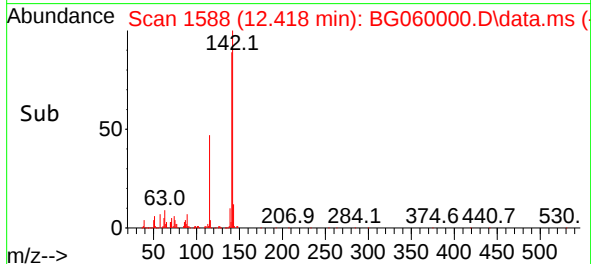
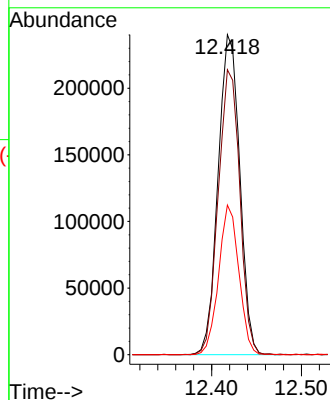
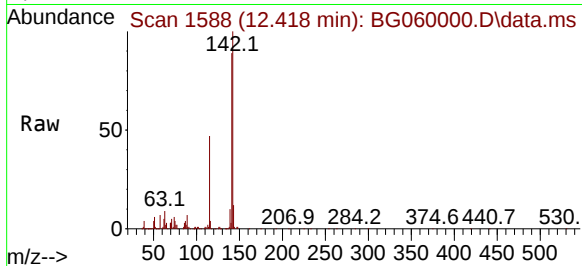




#37
2-Methylnaphthalene
Concen: 40.620 ng
RT: 12.418 min Scan# 1588
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

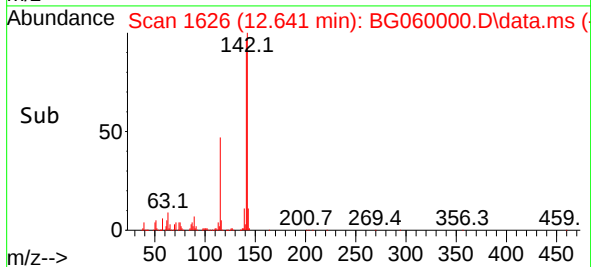
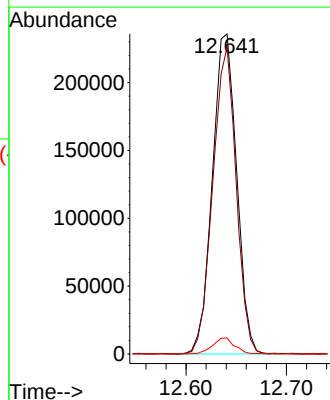
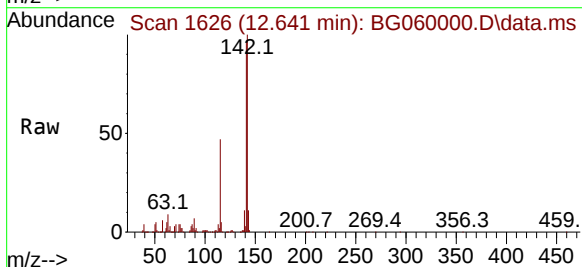
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

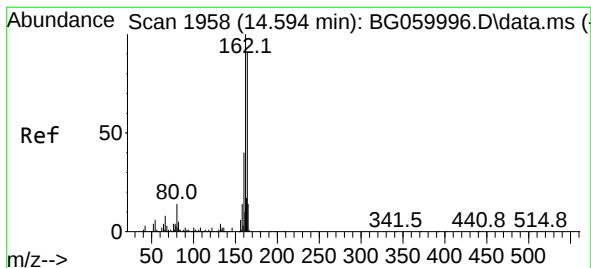
Tgt Ion:142 Resp: 402392
Ion Ratio Lower Upper
142 100
141 89.0 69.9 104.9
115 46.8 36.1 54.1



#38
1-Methylnaphthalene
Concen: 40.518 ng
RT: 12.641 min Scan# 1626
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:142 Resp: 396487
Ion Ratio Lower Upper
142 100
141 95.9 76.9 115.3
116 5.0 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.591 min Scan# 1958

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

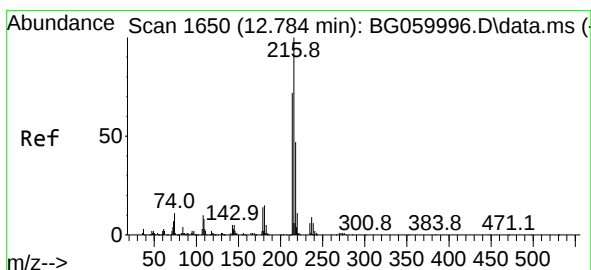
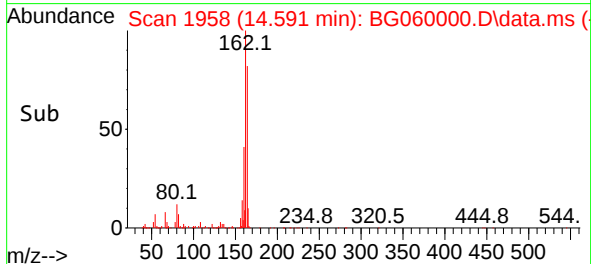
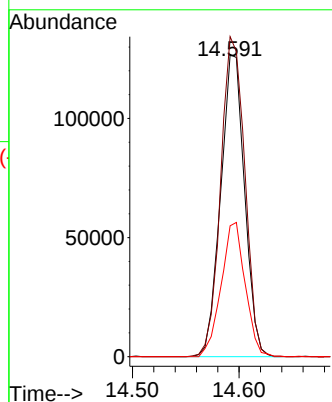
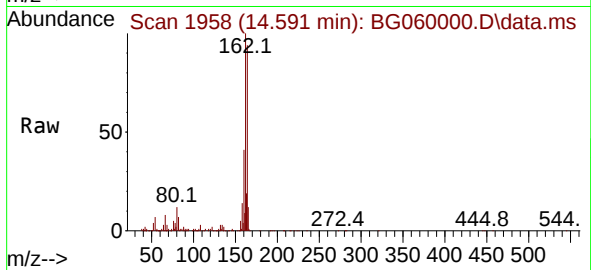
Tgt Ion:164 Resp: 197043

Ion Ratio Lower Upper

164 100

162 105.9 88.1 132.1

160 43.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.886 ng

RT: 12.788 min Scan# 1651

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Tgt Ion:216 Resp: 430276

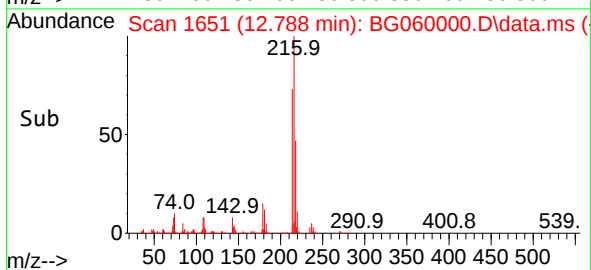
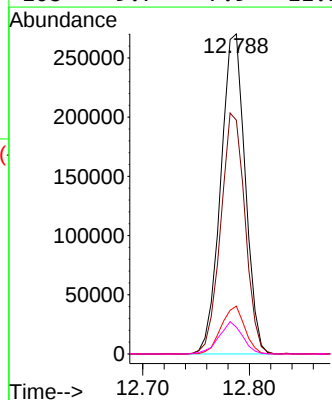
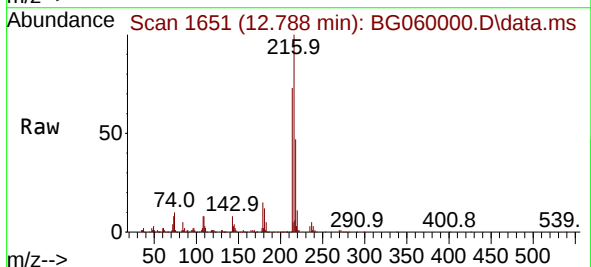
Ion Ratio Lower Upper

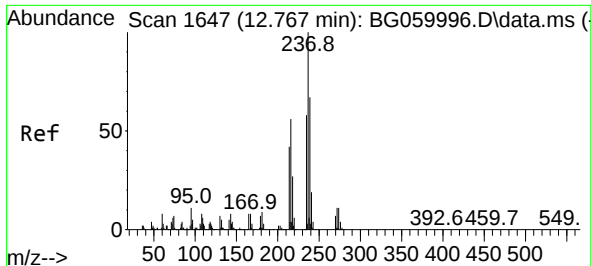
216 100

214 74.7 60.3 90.5

179 14.4 11.9 17.9

108 9.7 7.9 11.9

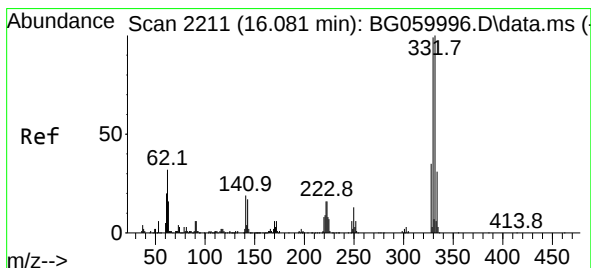
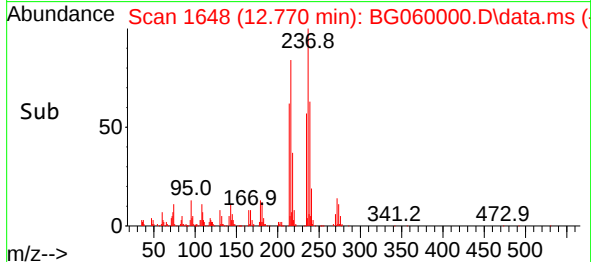
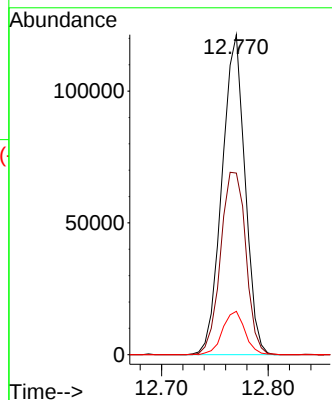
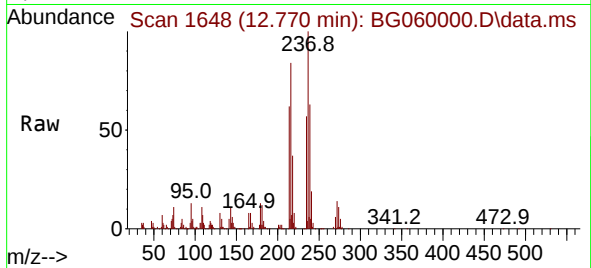




#41
Hexachlorocyclopentadiene
Concen: 42.886 ng
RT: 12.770 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

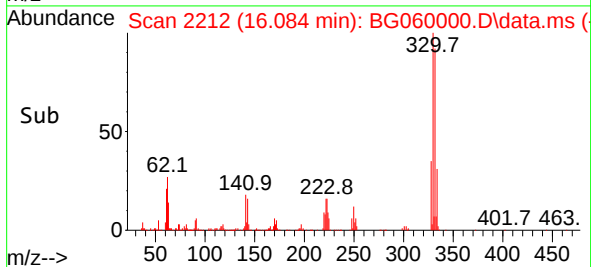
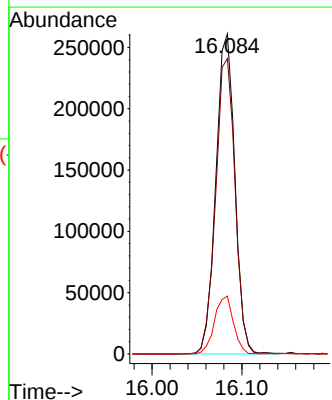
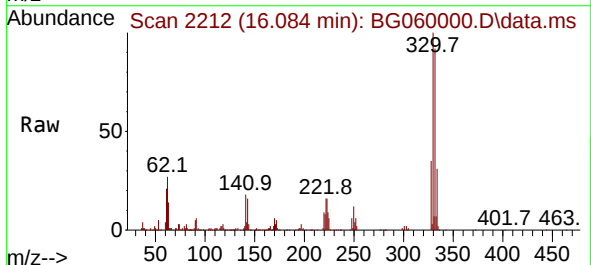
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

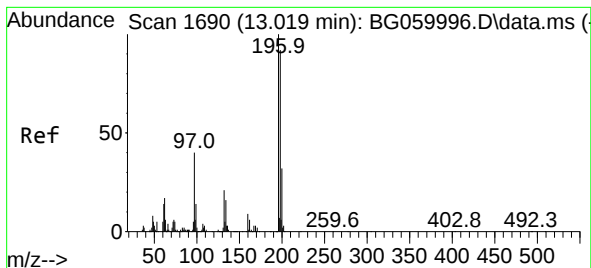
Tgt Ion:237 Resp: 182021
Ion Ratio Lower Upper
237 100
235 56.7 38.5 78.5
272 13.6 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 83.415 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:330 Resp: 383043
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 18.1 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 42.227 ng

RT: 13.023 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

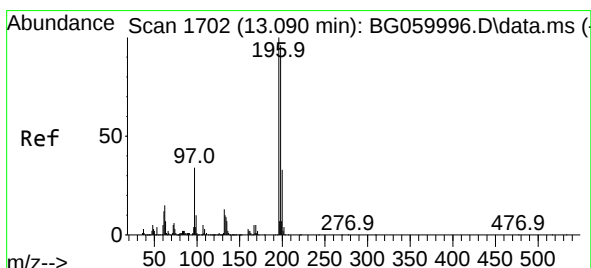
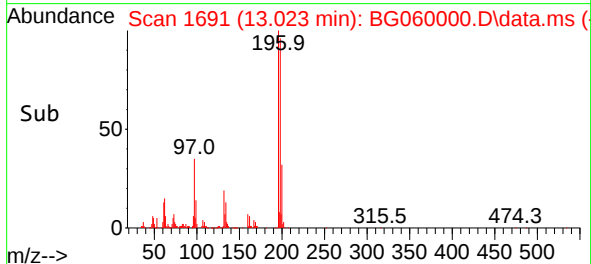
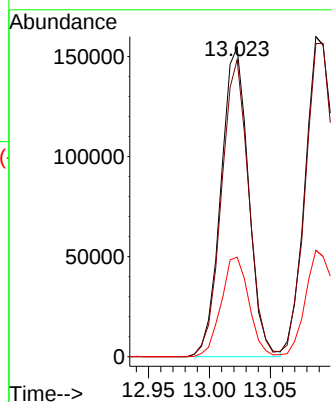
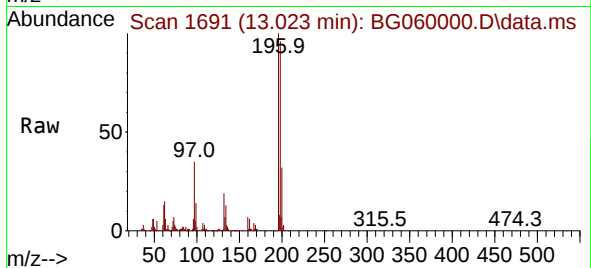
Tgt Ion:196 Resp: 243212

Ion Ratio Lower Upper

196 100

198 96.0 73.4 110.0

200 32.2 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 41.780 ng

RT: 13.087 min Scan# 1702

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Tgt Ion:196 Resp: 261745

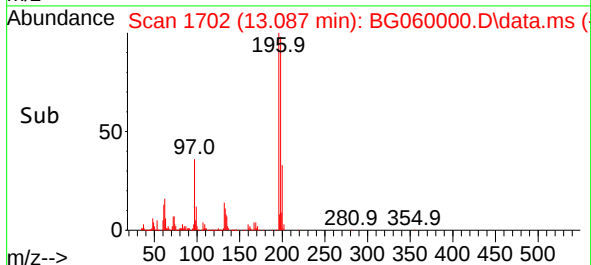
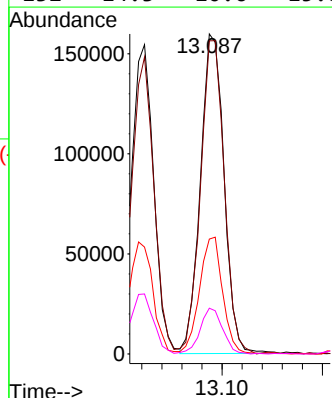
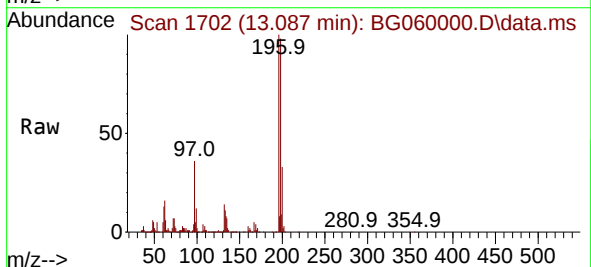
Ion Ratio Lower Upper

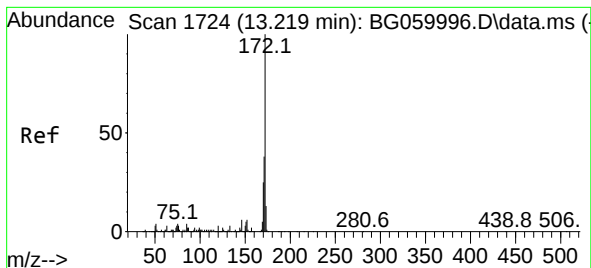
196 100

198 97.8 76.4 114.6

97 35.9 27.0 40.4

132 14.3 10.6 15.8





#45

2-Fluorobiphenyl

Concen: 83.392 ng

RT: 13.222 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

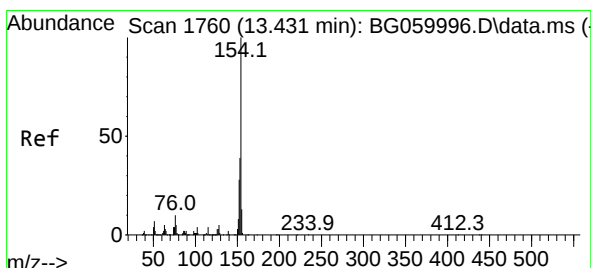
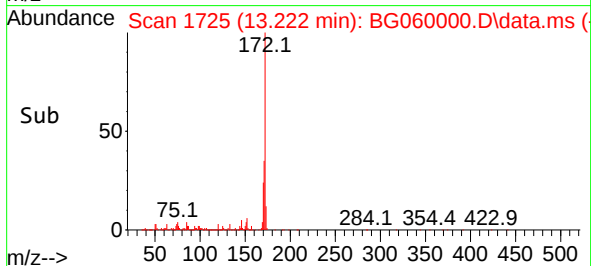
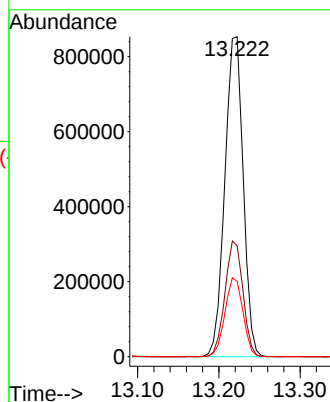
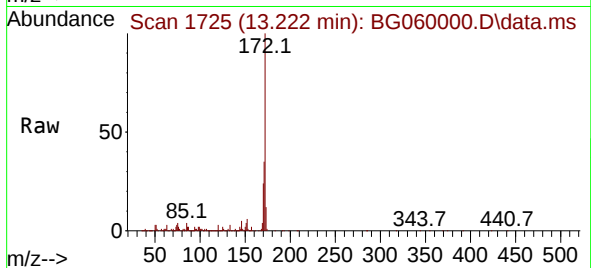
Tgt Ion:172 Resp: 1342576

Ion Ratio Lower Upper

172 100

171 34.7 30.1 45.1

170 23.6 20.0 30.0



#46

1,1'-Biphenyl

Concen: 41.244 ng

RT: 13.428 min Scan# 1760

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

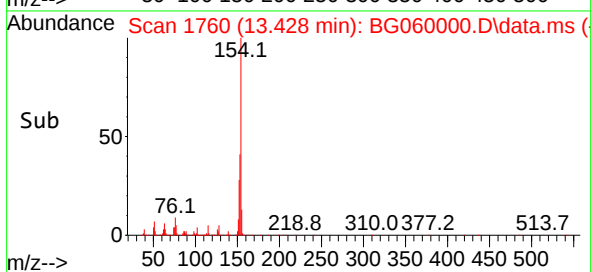
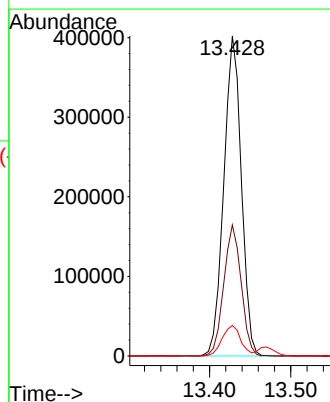
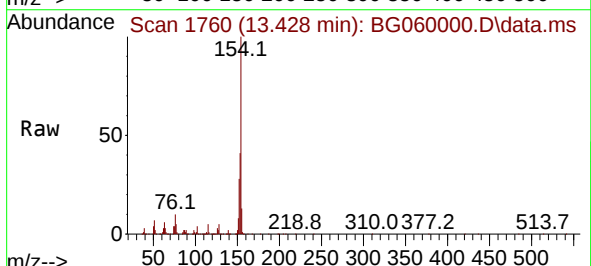
Tgt Ion:154 Resp: 602700

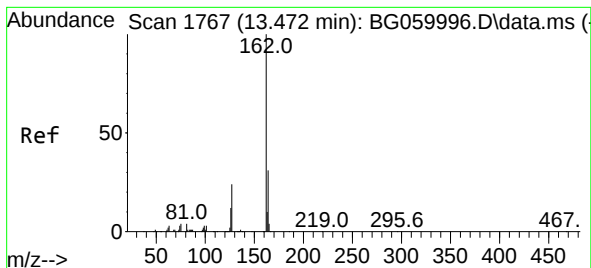
Ion Ratio Lower Upper

154 100

153 40.9 19.2 59.2

76 9.5 0.0 29.9





#47

2-Chloronaphthalene

Concen: 41.247 ng

RT: 13.469 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

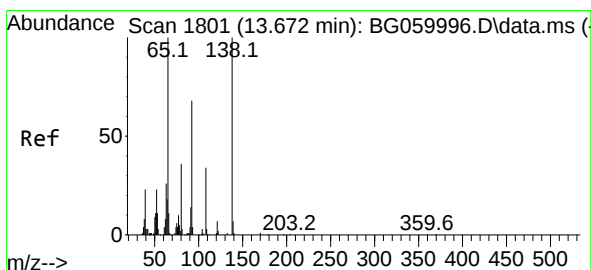
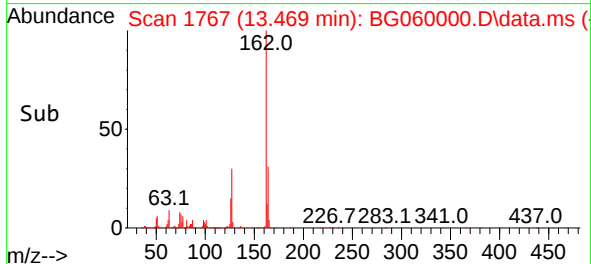
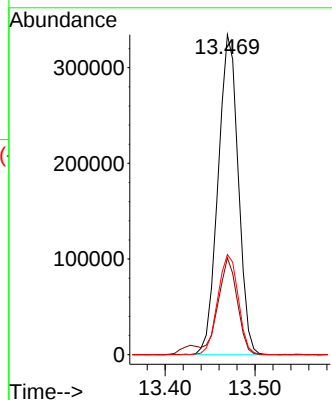
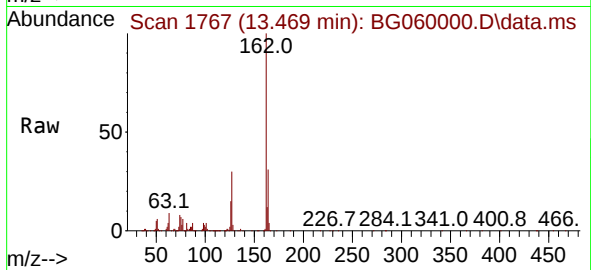
Tgt Ion:162 Resp: 521989

Ion Ratio Lower Upper

162 100

127 30.2 21.8 32.6

164 31.3 25.2 37.8



#48

2-Nitroaniline

Concen: 44.987 ng

RT: 13.669 min Scan# 1801

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

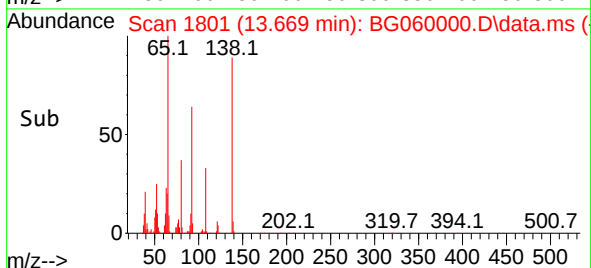
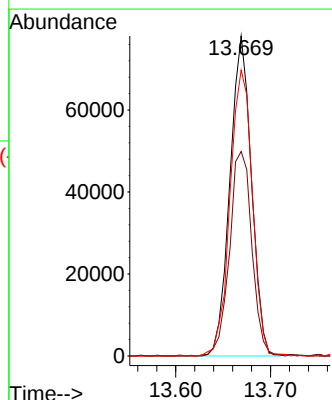
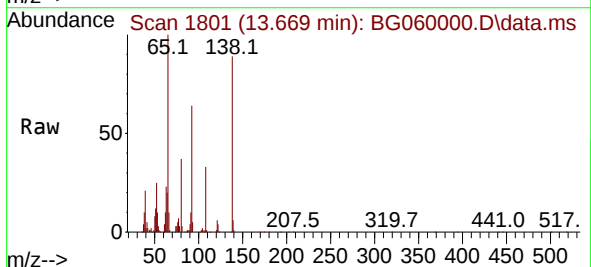
Tgt Ion: 65 Resp: 122897

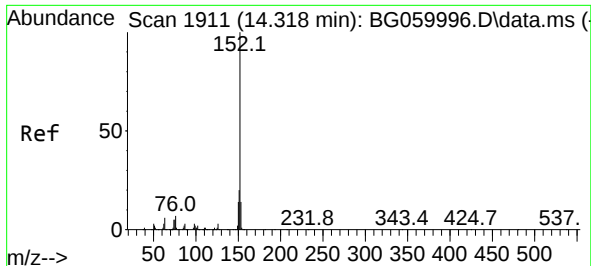
Ion Ratio Lower Upper

65 100

92 63.9 54.6 81.8

138 89.3 80.2 120.2

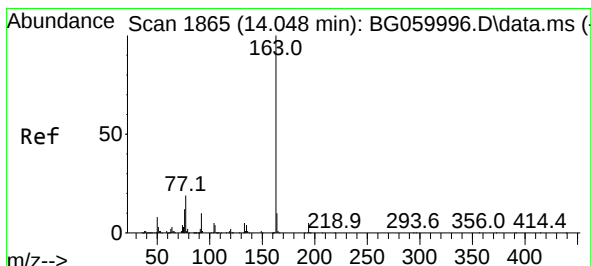
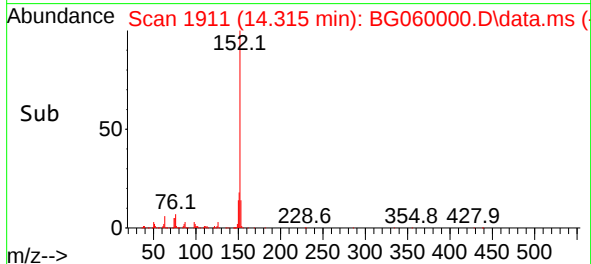
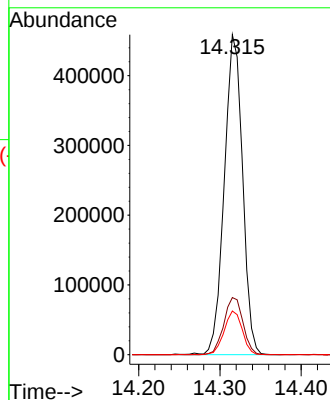
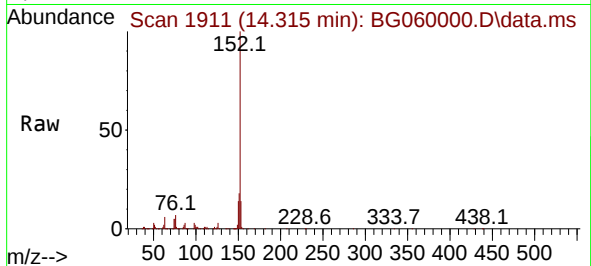




#49
Acenaphthylene
Concen: 41.406 ng
RT: 14.315 min Scan# 1911
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

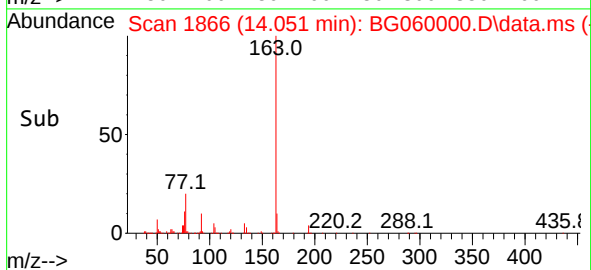
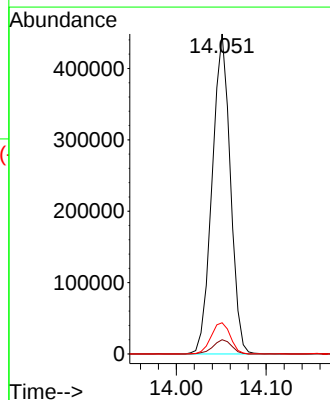
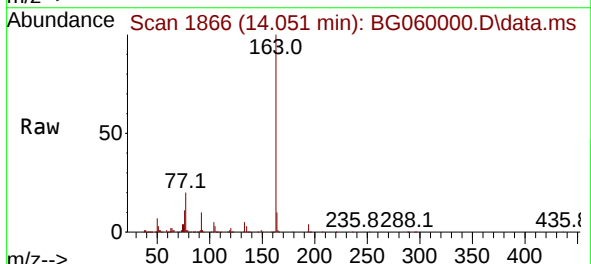
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

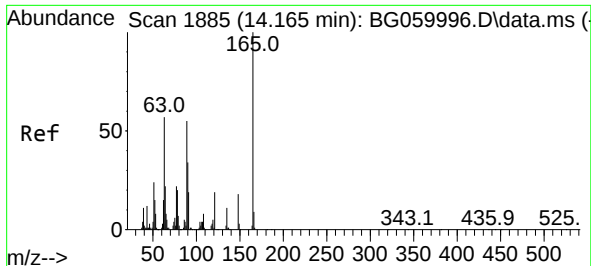
Tgt Ion:152 Resp: 716777
Ion Ratio Lower Upper
152 100
151 17.9 15.8 23.8
153 13.6 11.0 16.4



#50
Dimethylphthalate
Concen: 41.170 ng
RT: 14.051 min Scan# 1866
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:163 Resp: 629689
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 9.7 8.2 12.4

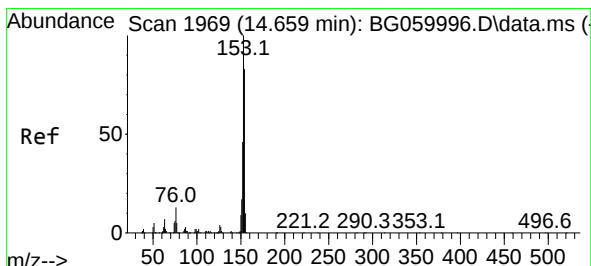
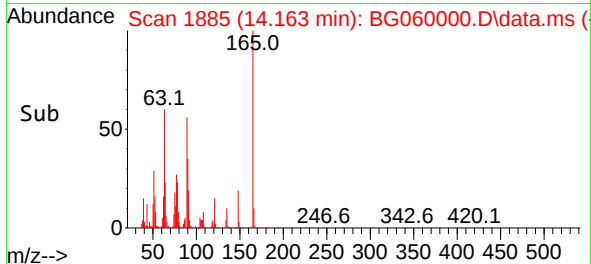
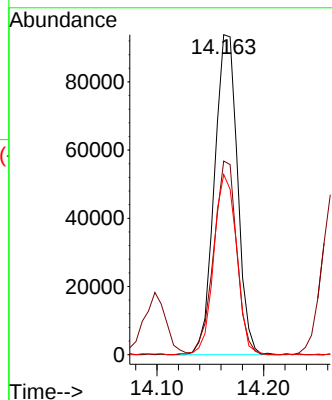
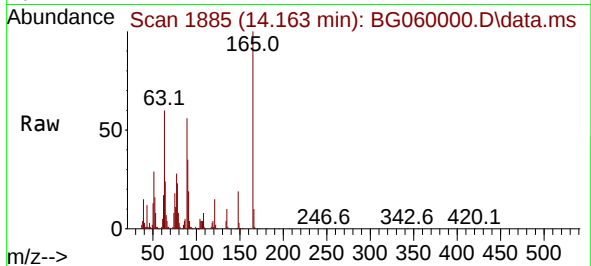




#51
2,6-Dinitrotoluene
Concen: 44.459 ng
RT: 14.163 min Scan# 1885
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

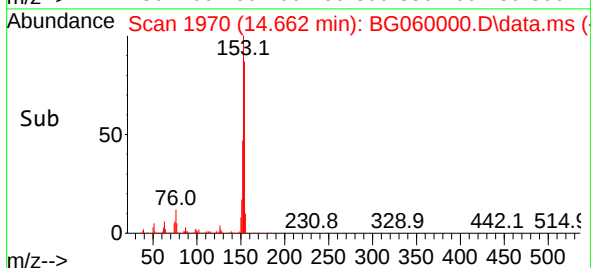
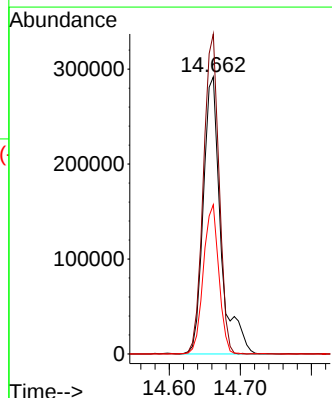
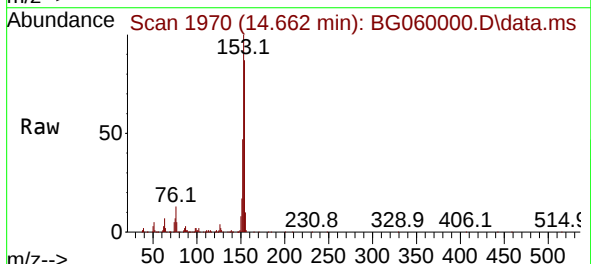
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

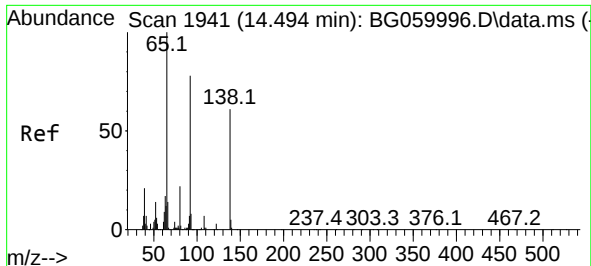
Tgt Ion:165 Resp: 140858
Ion Ratio Lower Upper
165 100
63 60.5 48.2 72.2
89 56.3 44.4 66.6



#52
Acenaphthene
Concen: 41.809 ng
RT: 14.662 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:154 Resp: 498209
Ion Ratio Lower Upper
154 100
153 115.5 96.0 144.0
152 53.9 44.3 66.5

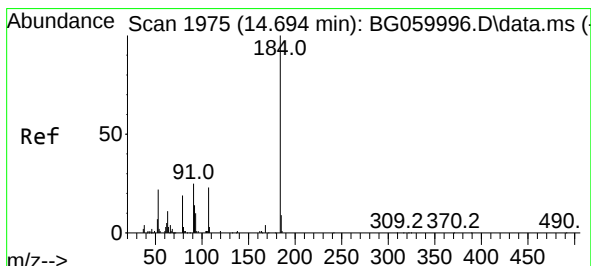
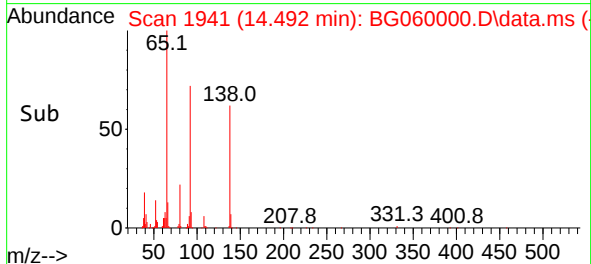
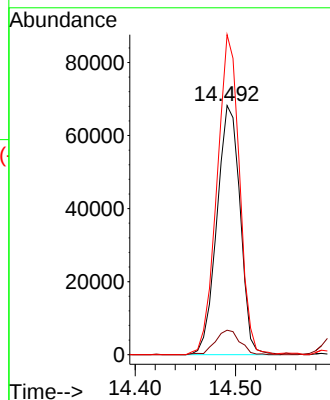
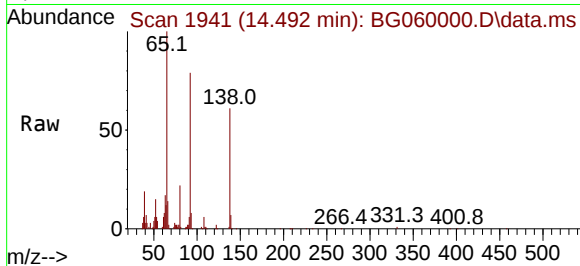




#53
3-Nitroaniline
Concen: 43.283 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

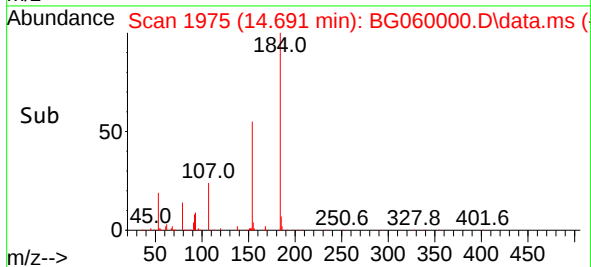
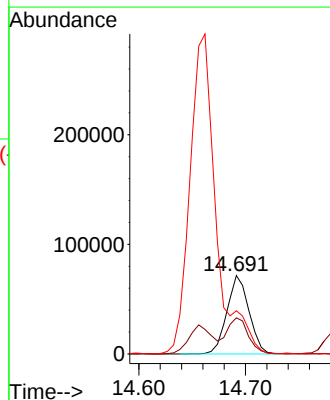
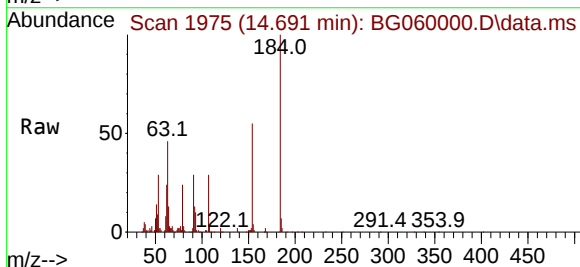
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

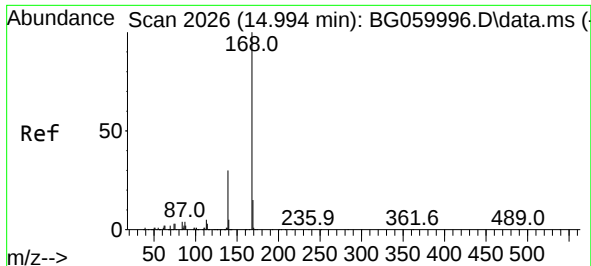
Tgt Ion:138 Resp: 109581
Ion Ratio Lower Upper
138 100
108 9.8 8.9 13.3
92 128.5 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 43.973 ng
RT: 14.691 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:184 Resp: 102646
Ion Ratio Lower Upper
184 100
63 46.1 35.5 53.3
154 55.2 36.7 55.1#

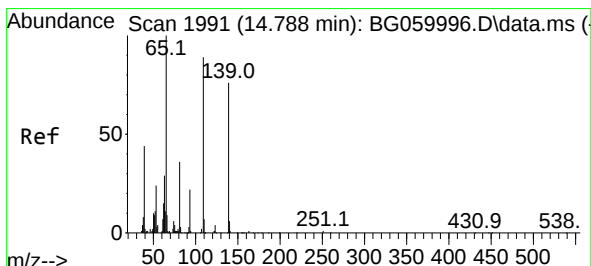
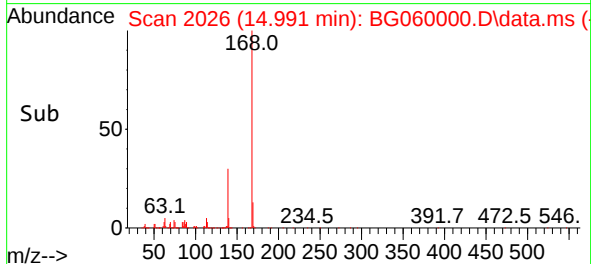
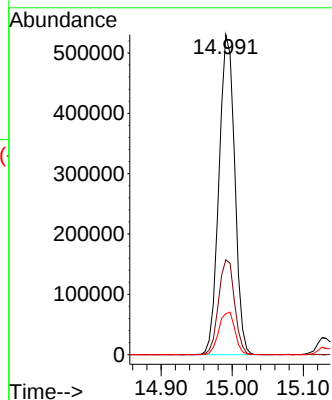
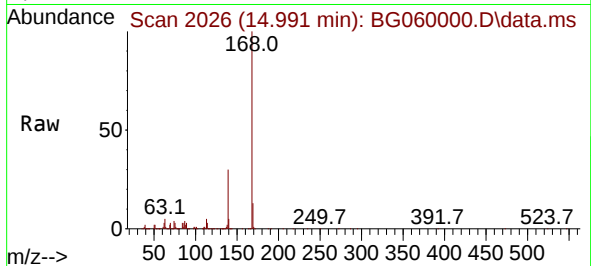




#55
Dibenzenofuran
Concen: 41.898 ng
RT: 14.991 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

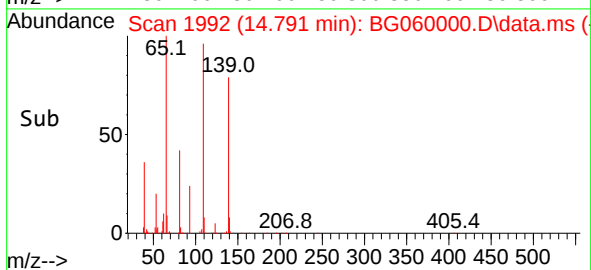
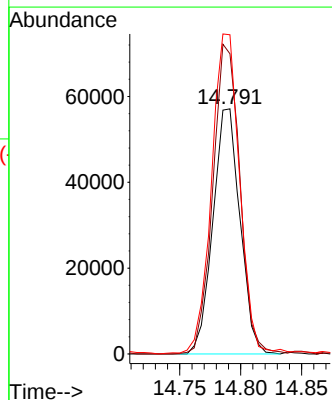
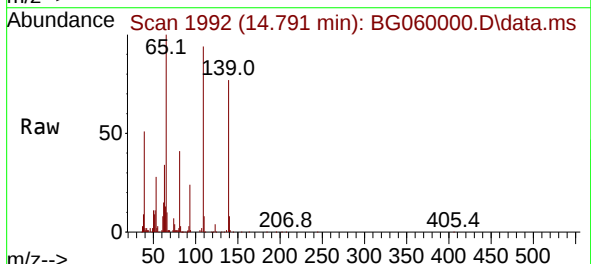
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

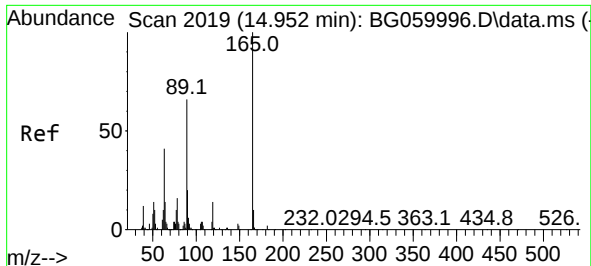
Tgt Ion:168 Resp: 812619
Ion Ratio Lower Upper
168 100
139 29.6 24.0 36.0
169 12.8 11.8 17.8



#56
4-Nitrophenol
Concen: 41.510 ng
RT: 14.791 min Scan# 1992
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:139 Resp: 88324
Ion Ratio Lower Upper
139 100
109 122.4 97.2 137.2
65 130.2 112.2 152.2

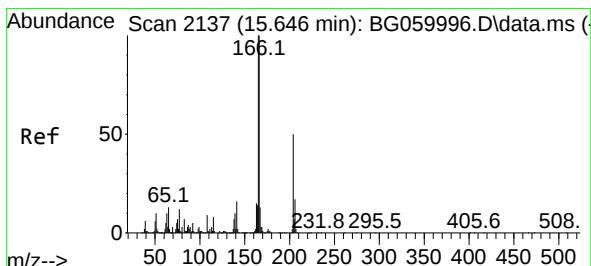
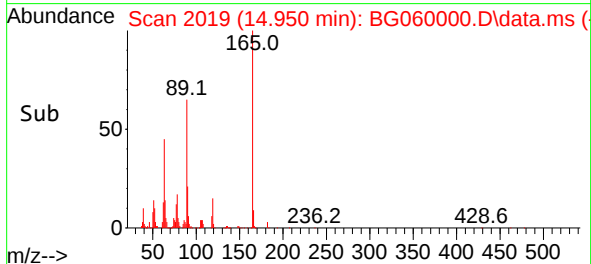
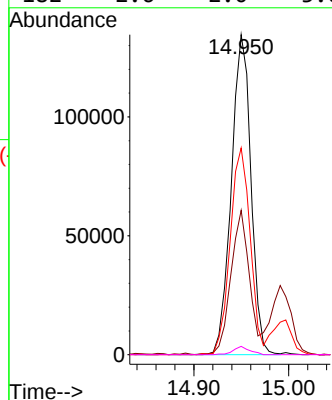
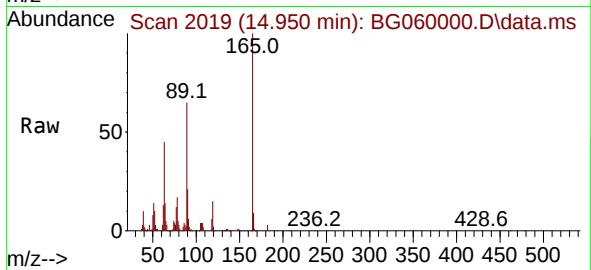




#57
2,4-Dinitrotoluene
Concen: 43.420 ng
RT: 14.950 min Scan# 2019
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

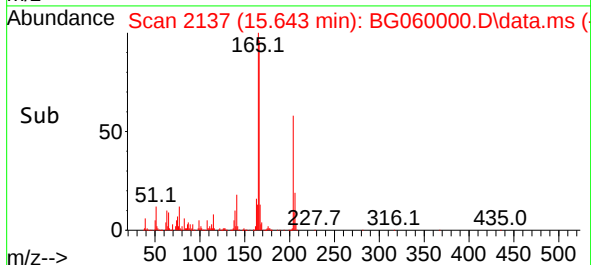
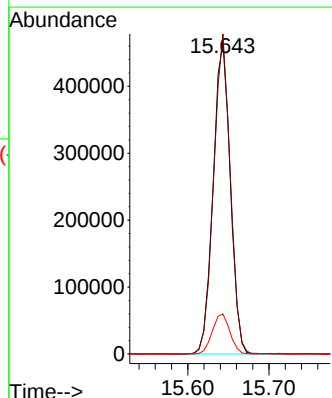
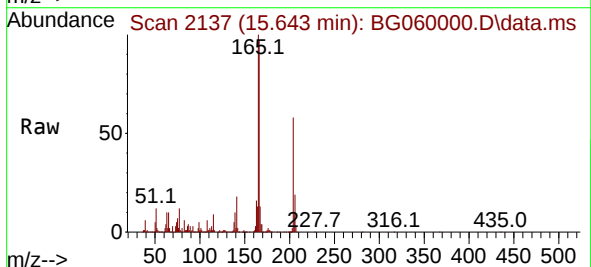
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

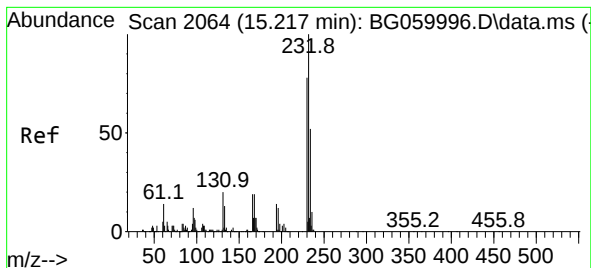
Tgt Ion:165 Resp: 193381
Ion Ratio Lower Upper
165 100
63 45.1 32.8 49.2
89 64.6 53.0 79.6
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.724 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:166 Resp: 682397
Ion Ratio Lower Upper
166 100
165 102.7 80.2 120.2
167 12.8 10.3 15.5

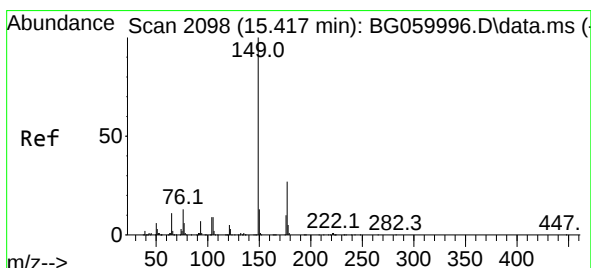
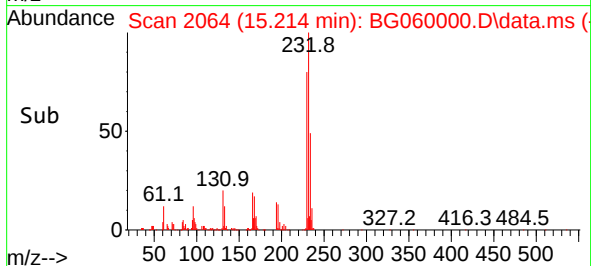
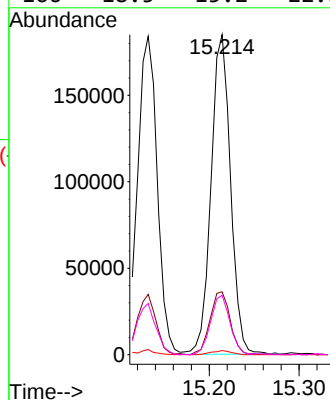
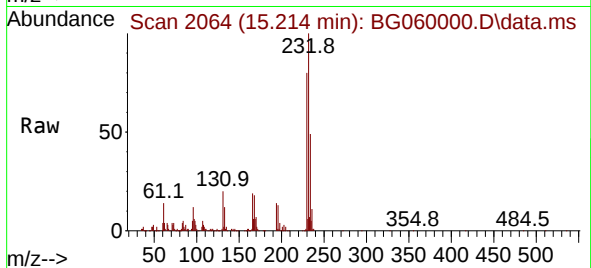




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.713 ng
RT: 15.214 min Scan# 2064
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

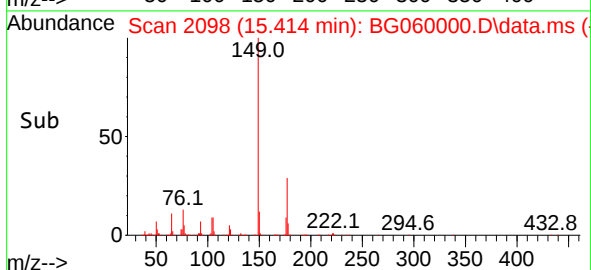
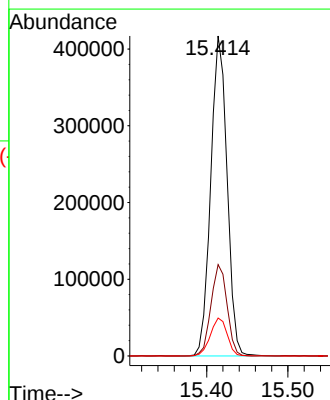
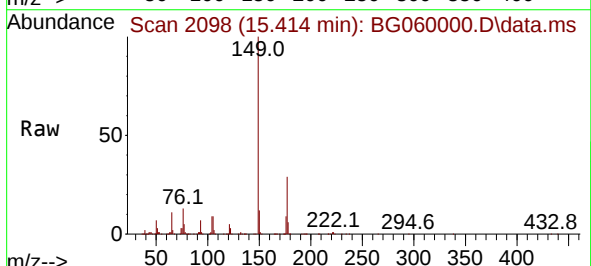
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

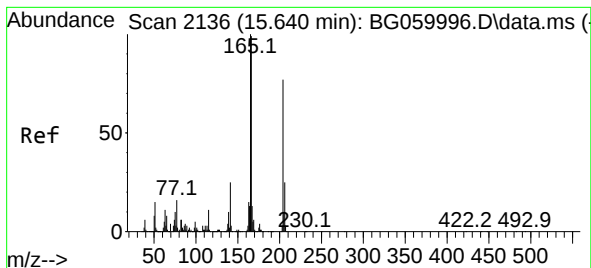
Tgt Ion:232	Resp:	278548
Ion Ratio	Lower	Upper
232	100	
131	20.4	17.6 26.4
130	1.3	1.0 1.6
166	18.5	15.2 22.8



#60
Diethylphthalate
Concen: 41.309 ng
RT: 15.414 min Scan# 2098
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:149	Resp:	581338
Ion Ratio	Lower	Upper
149	100	
177	28.5	21.5 32.3
150	11.8	10.3 15.5

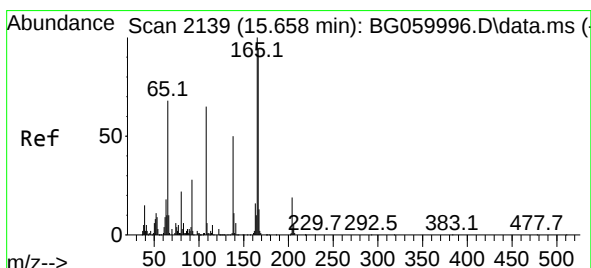
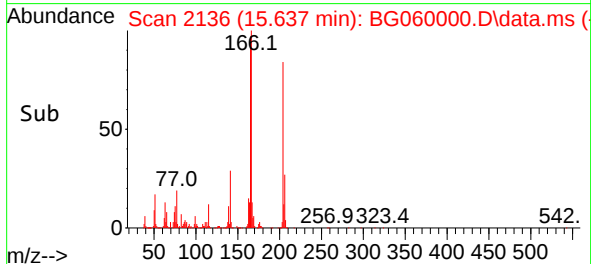
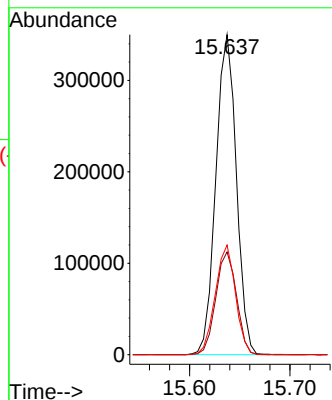
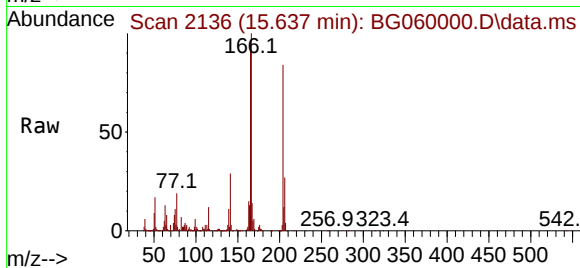




#61
4-Chlorophenyl-phenylether
Concen: 42.051 ng
RT: 15.637 min Scan# 2136
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

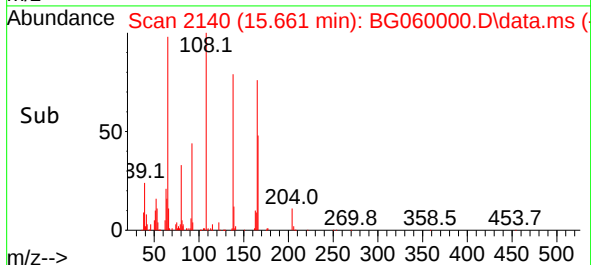
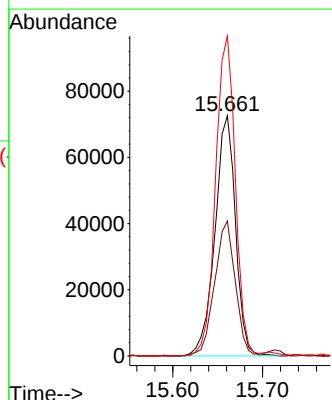
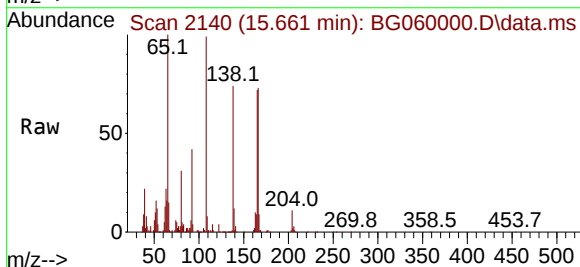
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

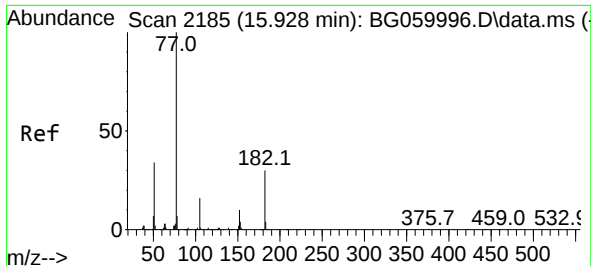
Tgt Ion:204 Resp: 495308
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 34.3 25.6 38.4



#62
4-Nitroaniline
Concen: 41.871 ng
RT: 15.661 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:138 Resp: 115431
Ion Ratio Lower Upper
138 100
92 56.2 36.3 76.3
108 133.2 109.3 149.3

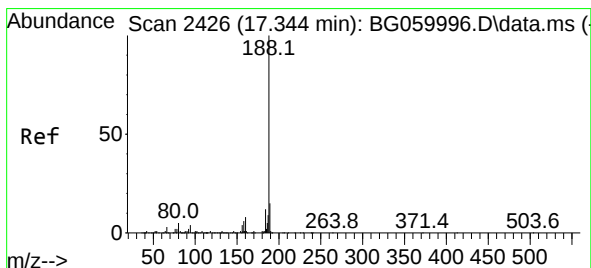
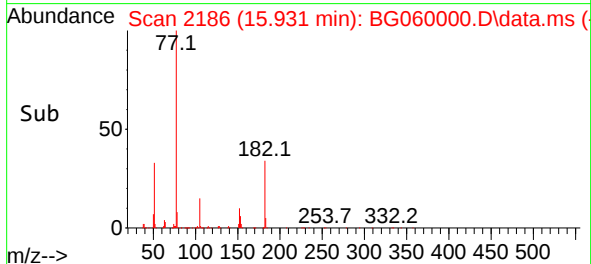
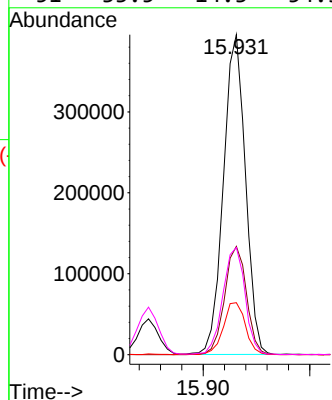
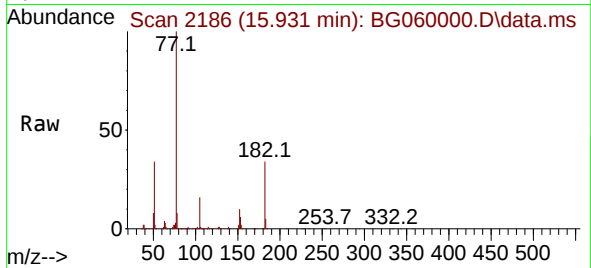




#63
Azobenzene
Concen: 40.841 ng
RT: 15.931 min Scan# 2186
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

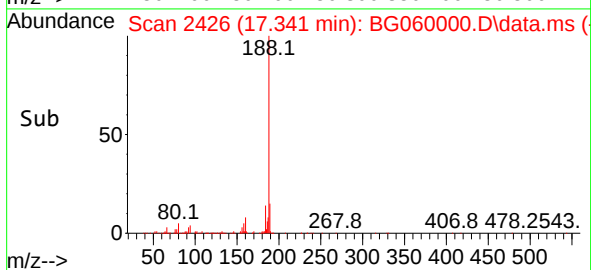
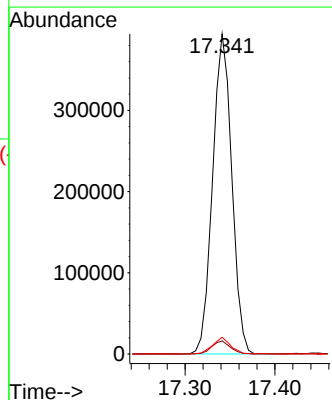
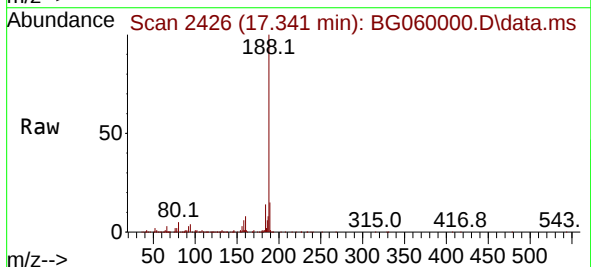
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

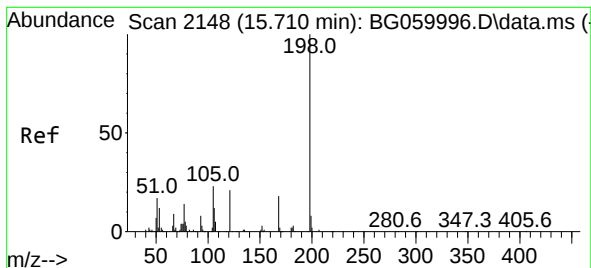
Tgt Ion: 77	Resp: 566665
Ion Ratio	Lower Upper
77 100	
182 33.9	10.2 50.2
105 16.3	0.0 36.5
51 33.5	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion: 188	Resp: 583861
Ion Ratio	Lower Upper
188 100	
94 4.1	3.0 4.6
80 5.2	4.0 6.0

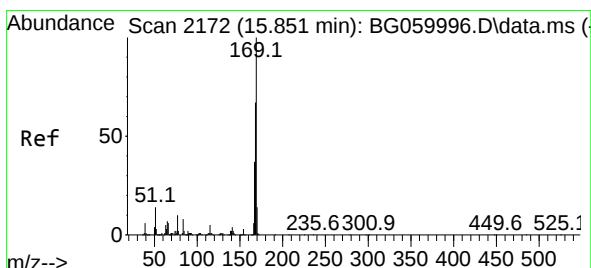
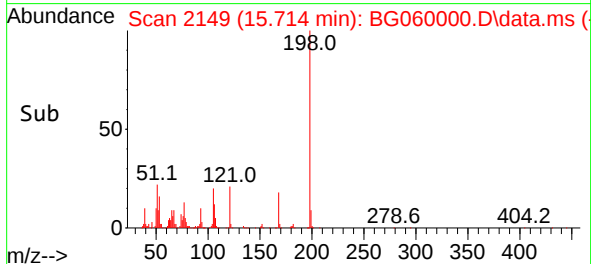
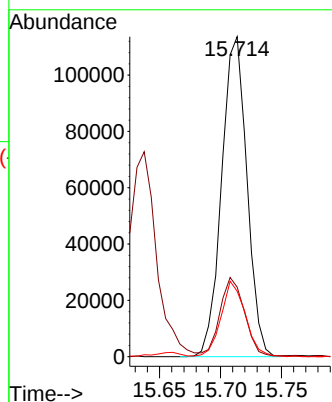
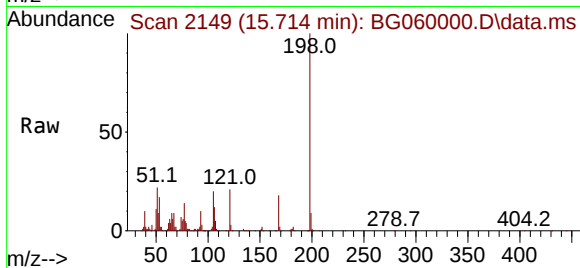




#65
4,6-Dinitro-2-methylphenol
Concen: 44.864 ng
RT: 15.714 min Scan# 2148
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

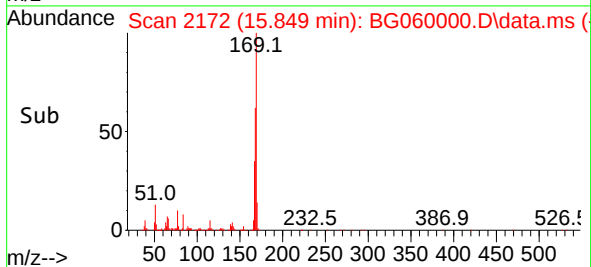
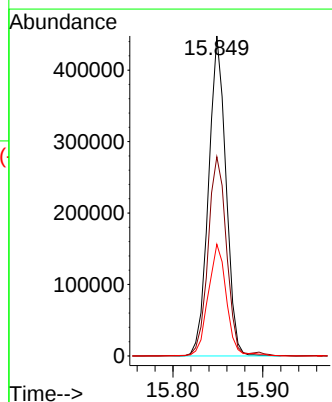
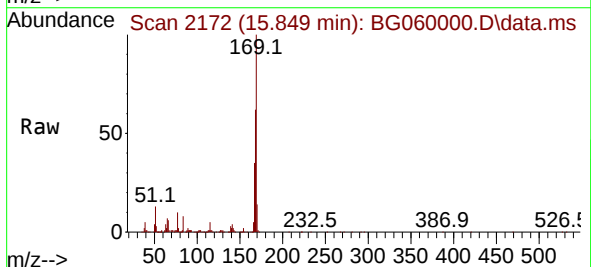
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

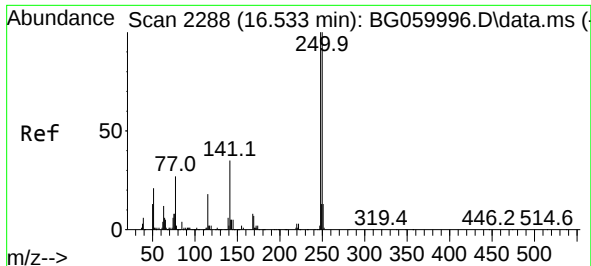
Tgt Ion:198 Resp: 164237
Ion Ratio Lower Upper
198 100
51 21.7 0.0 39.7
105 20.5 3.3 43.3



#66
n-Nitrosodiphenylamine
Concen: 42.258 ng
RT: 15.849 min Scan# 2172
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:169 Resp: 602744
Ion Ratio Lower Upper
169 100
168 62.3 53.4 80.2
167 34.9 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 42.251 ng
RT: 16.530 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

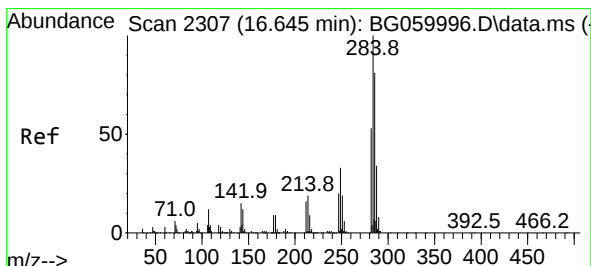
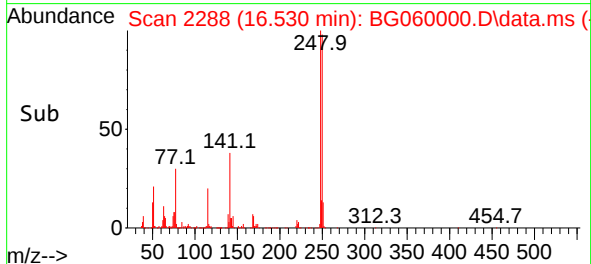
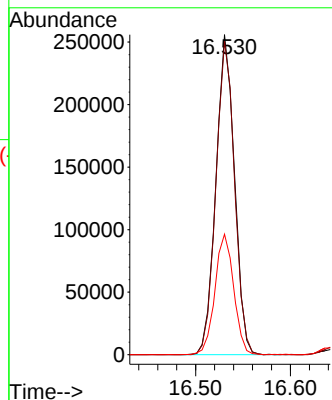
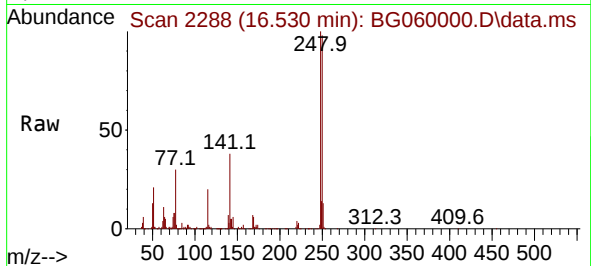
Instrument :

BNA_G

ClientSampleId :

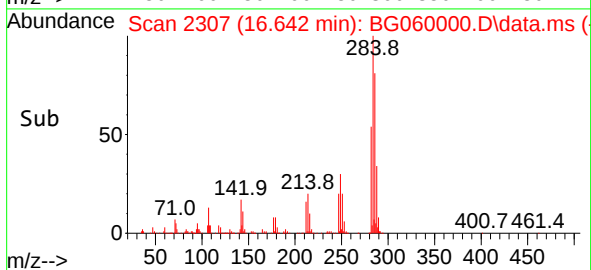
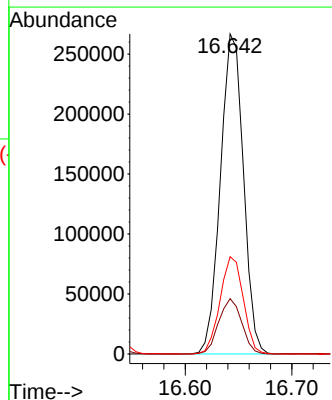
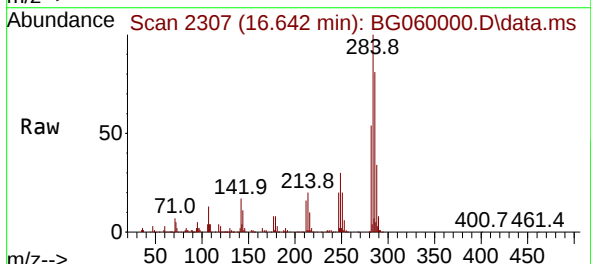
ICVBG121323

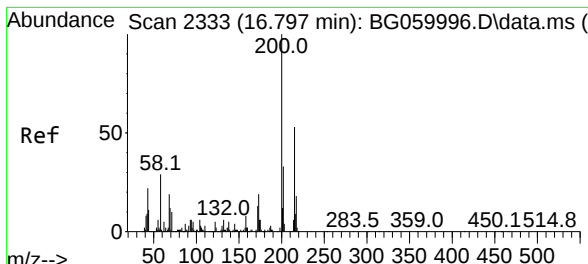
Tgt Ion:248 Resp: 348059
Ion Ratio Lower Upper
248 100
250 97.9 79.9 119.9
141 37.7 28.3 42.5



#68
Hexachlorobenzene
Concen: 41.458 ng
RT: 16.642 min Scan# 2307
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:284 Resp: 399247
Ion Ratio Lower Upper
284 100
142 17.3 11.7 17.5
249 30.4 26.1 39.1

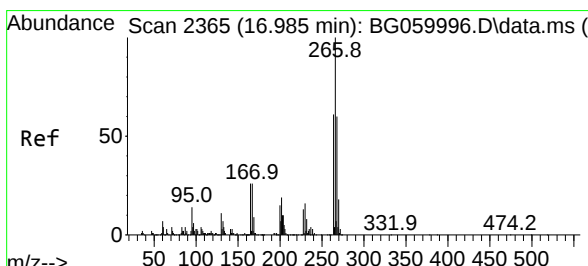
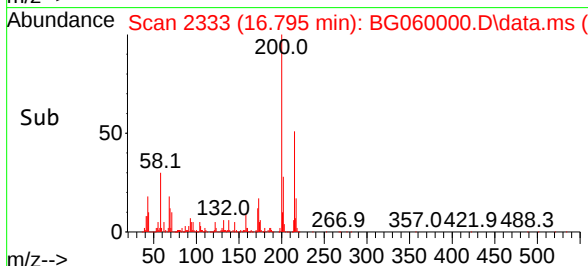
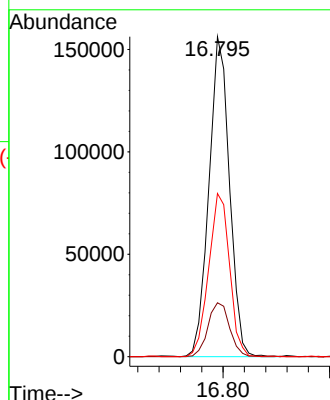
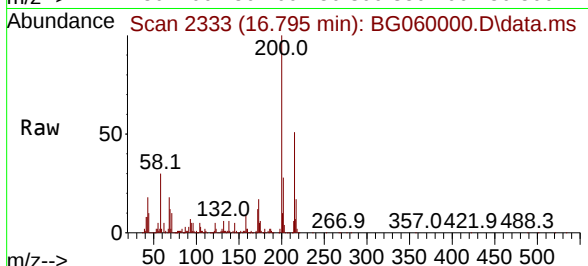




#69
 Atrazine
 Concen: 43.426 ng
 RT: 16.795 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG060000.D
 Acq: 13 Dec 2023 17:23

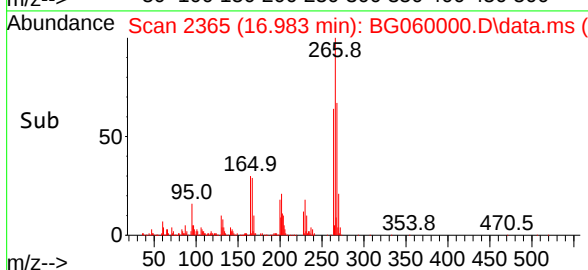
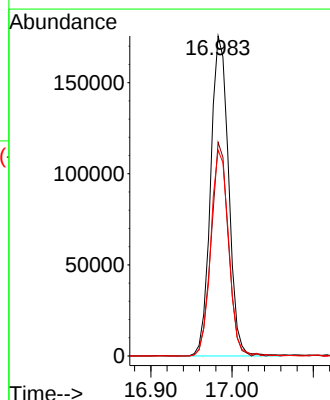
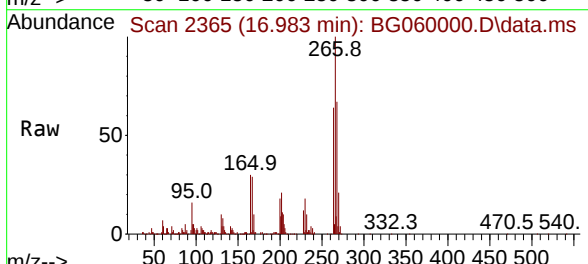
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121323

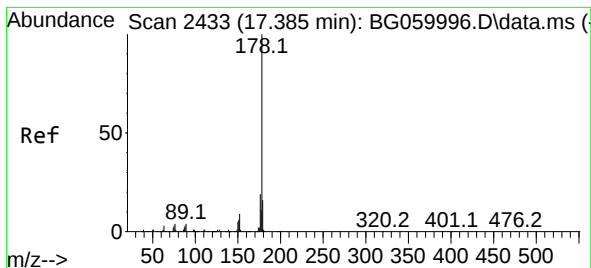
Tgt Ion:200 Resp: 209274
 Ion Ratio Lower Upper
 200 100
 173 16.9 0.0 39.3
 215 51.0 33.1 73.1



#70
 Pentachlorophenol
 Concen: 43.075 ng
 RT: 16.983 min Scan# 2365
 Delta R.T. -0.003 min
 Lab File: BG060000.D
 Acq: 13 Dec 2023 17:23

Tgt Ion:266 Resp: 268732
 Ion Ratio Lower Upper
 266 100
 268 66.8 47.9 71.9
 264 64.3 48.8 73.2





#71

Phenanthrene

Concen: 41.276 ng

RT: 17.382 min Scan# 2433

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

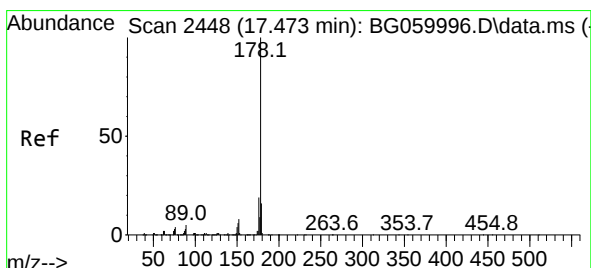
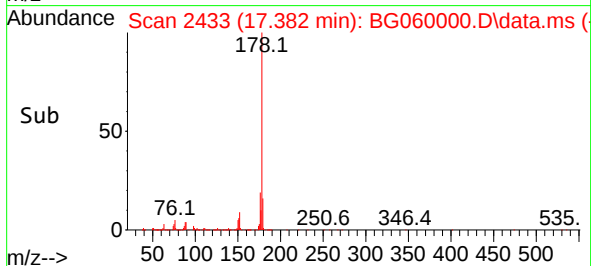
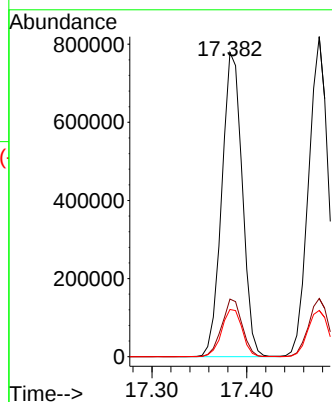
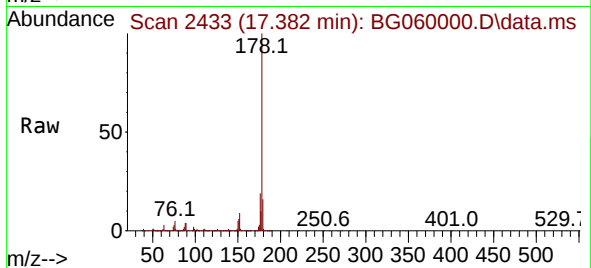
Tgt Ion:178 Resp: 1167293

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

179 15.5 12.6 19.0



#72

Anthracene

Concen: 41.592 ng

RT: 17.476 min Scan# 2449

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

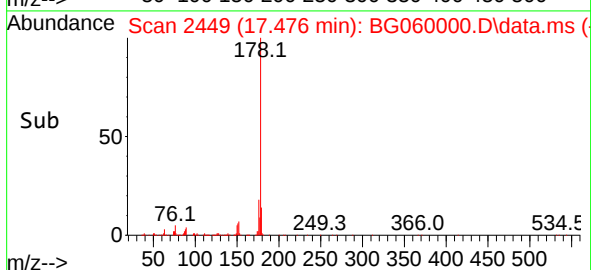
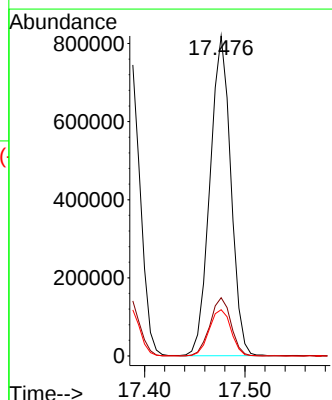
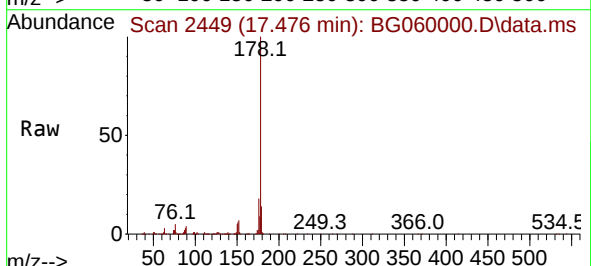
Tgt Ion:178 Resp: 1182651

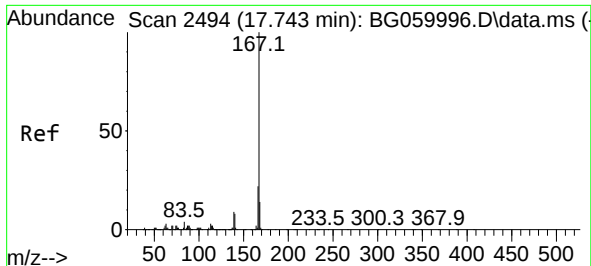
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 14.5 12.6 19.0

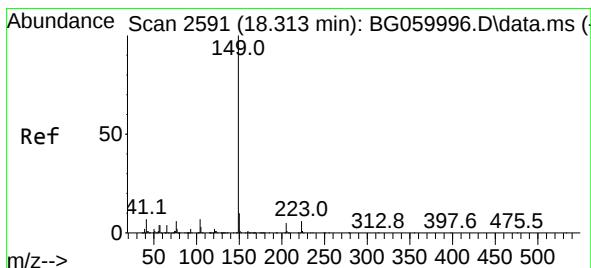
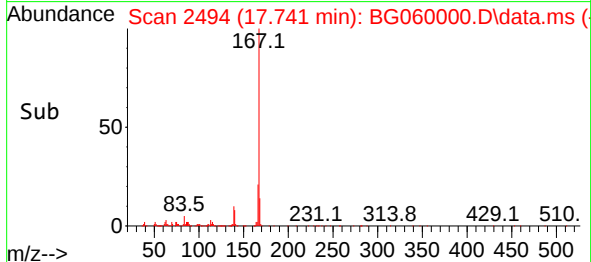
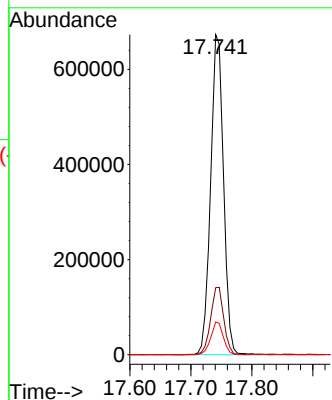
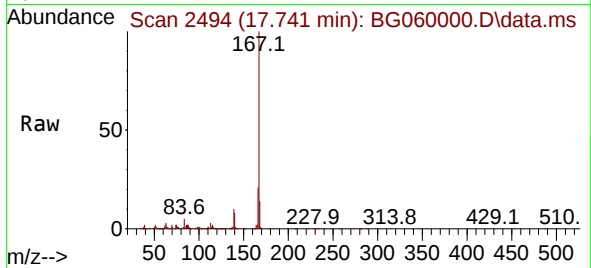




#73
 Carbazole
 Concen: 41.077 ng
 RT: 17.741 min Scan# 2494
 Delta R.T. -0.002 min
 Lab File: BG060000.D
 Acq: 13 Dec 2023 17:23

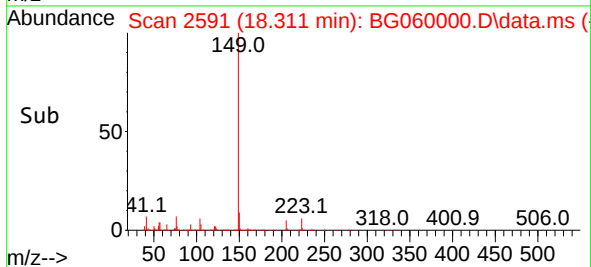
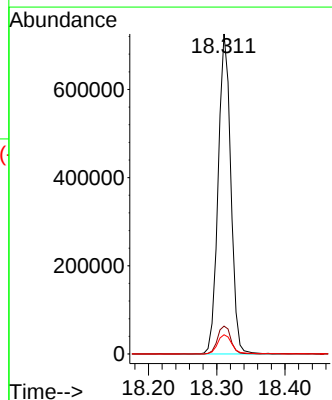
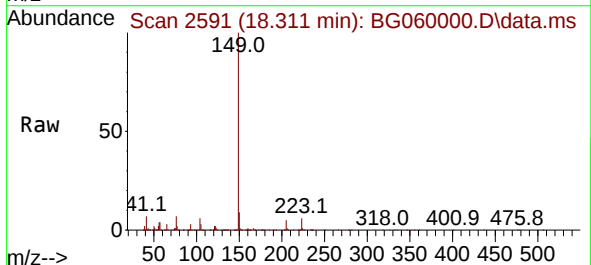
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121323

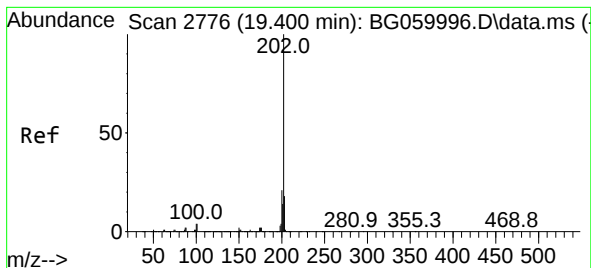
Tgt Ion:167 Resp: 992553
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 10.2 7.5 11.3



#74
 Di-n-butylphthalate
 Concen: 42.434 ng
 RT: 18.311 min Scan# 2591
 Delta R.T. -0.003 min
 Lab File: BG060000.D
 Acq: 13 Dec 2023 17:23

Tgt Ion:149 Resp: 935354
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.9 11.9
 104 6.0 5.6 8.4





#75

Fluoranthene

Concen: 41.645 ng

RT: 19.398 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

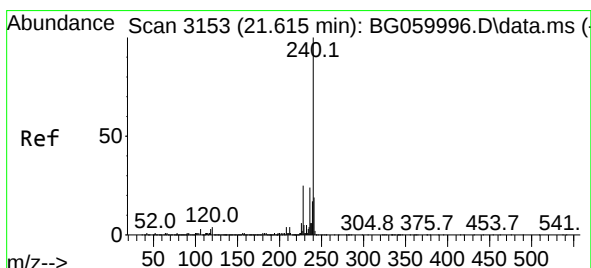
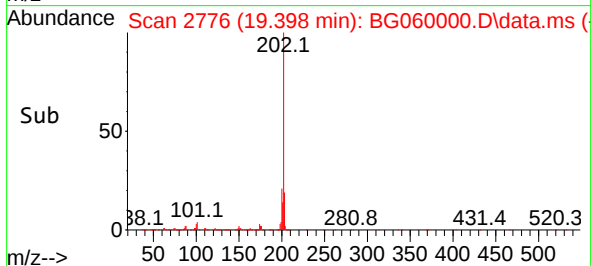
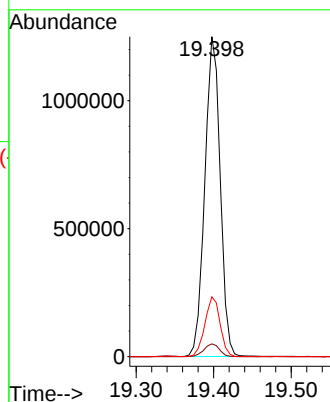
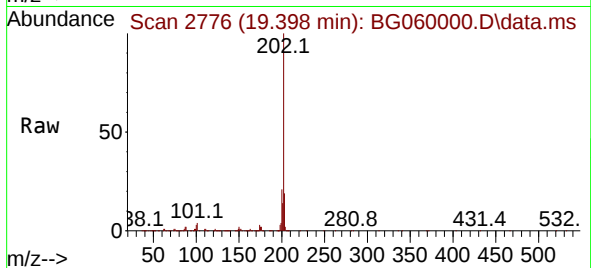
Tgt Ion:202 Resp: 1718635

Ion Ratio Lower Upper

202 100

101 4.0 0.0 24.2

203 18.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3153

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

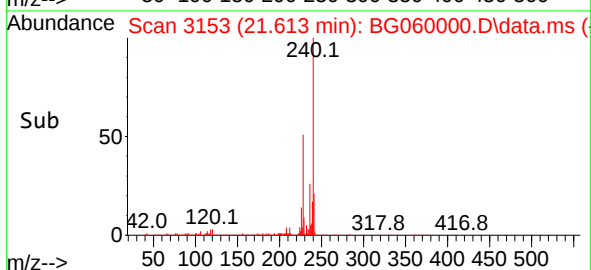
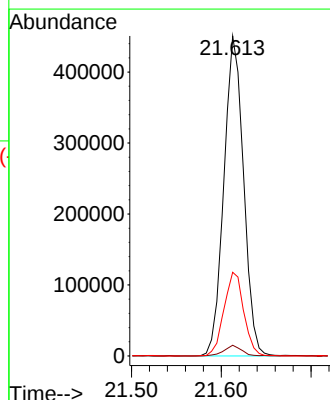
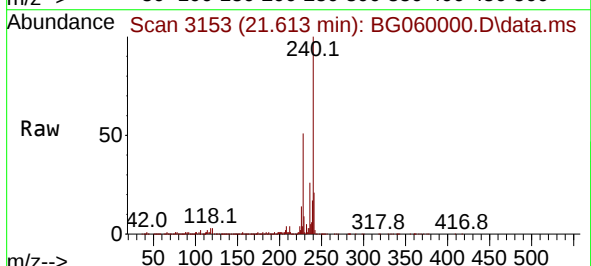
Tgt Ion:240 Resp: 685865

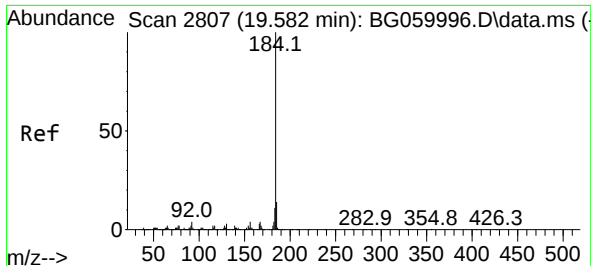
Ion Ratio Lower Upper

240 100

120 3.3 2.9 4.3

236 26.1 19.4 29.2

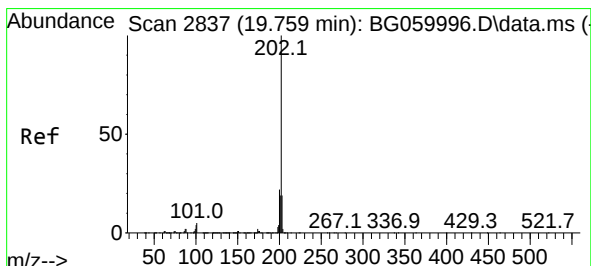
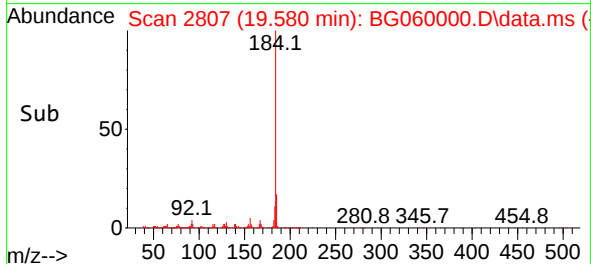
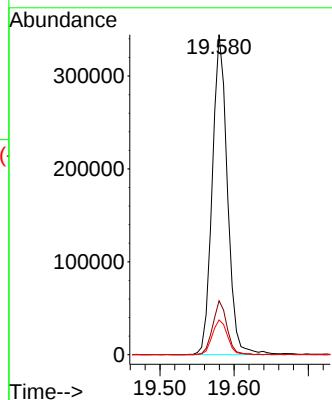
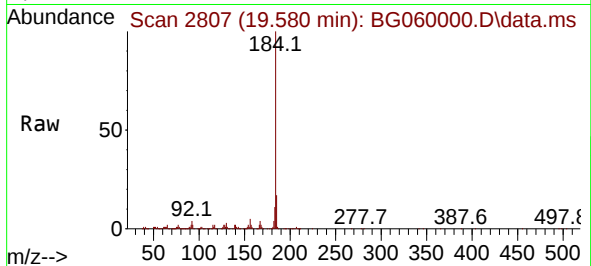




#77
Benzidine
Concen: 55.504 ng
RT: 19.580 min Scan# 2807
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

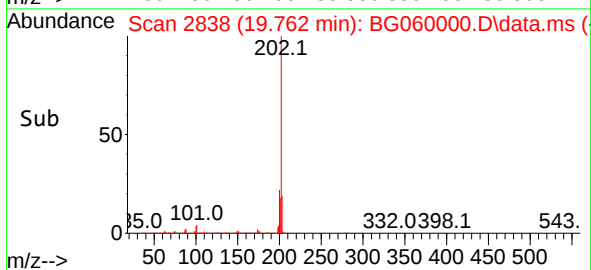
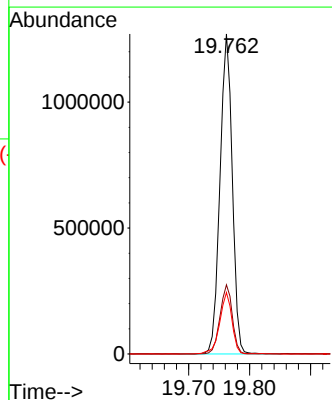
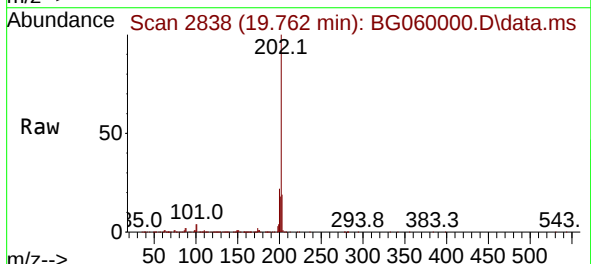
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

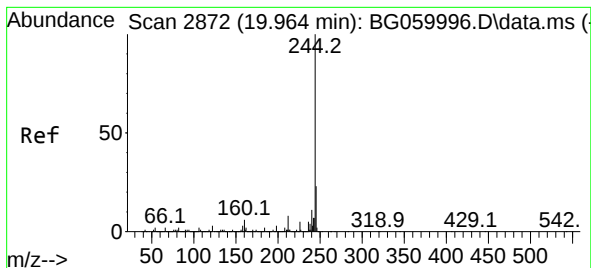
Tgt Ion:184 Resp: 488977
Ion Ratio Lower Upper
184 100
185 16.9 11.1 16.7#
183 10.8 9.0 13.4



#78
Pyrene
Concen: 42.813 ng
RT: 19.762 min Scan# 2838
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:202 Resp: 1780015
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 19.2 14.9 22.3





#79

Terphenyl-d14

Concen: 85.740 ng

RT: 19.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

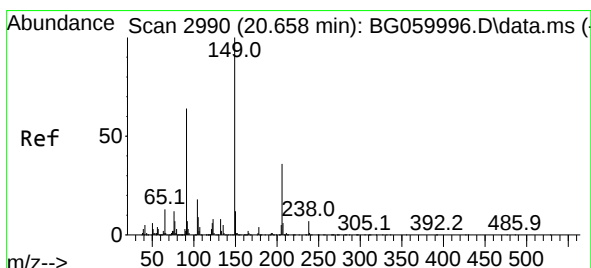
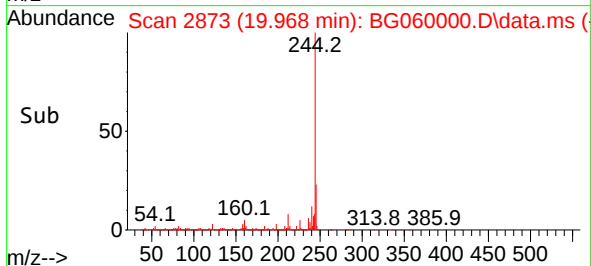
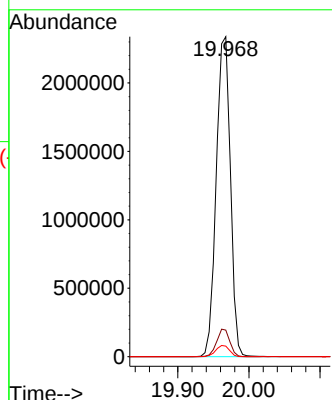
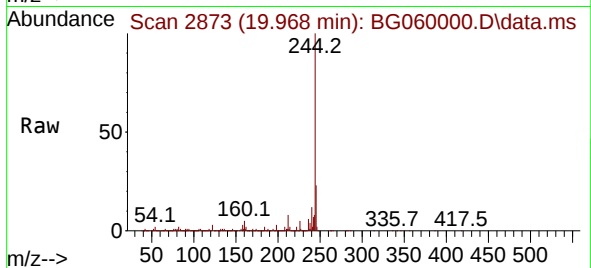
Tgt Ion:244 Resp: 3220980

Ion Ratio Lower Upper

244 100

212 8.3 6.8 10.2

122 3.3 2.6 3.8



#80

Butylbenzylphthalate

Concen: 44.164 ng

RT: 20.655 min Scan# 2990

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

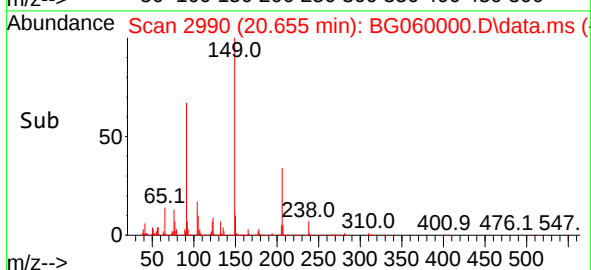
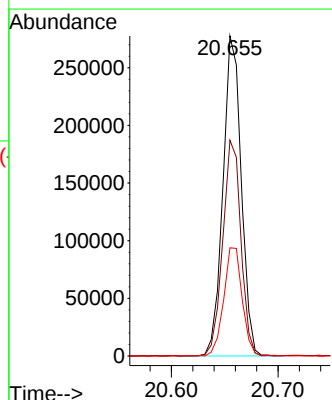
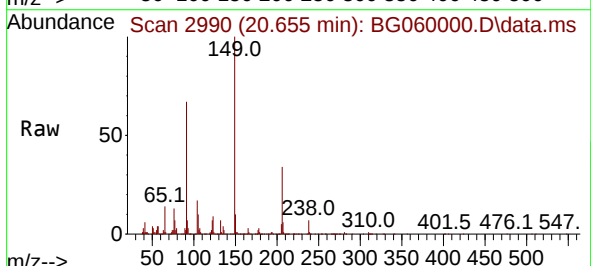
Tgt Ion:149 Resp: 329776

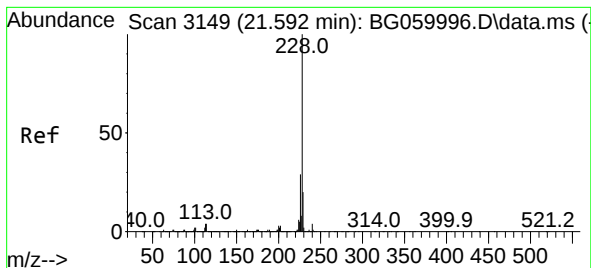
Ion Ratio Lower Upper

149 100

91 67.4 51.3 76.9

206 33.8 28.8 43.2





#81

Benzo(a)anthracene

Concen: 41.748 ng

RT: 21.595 min Scan# 3149

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

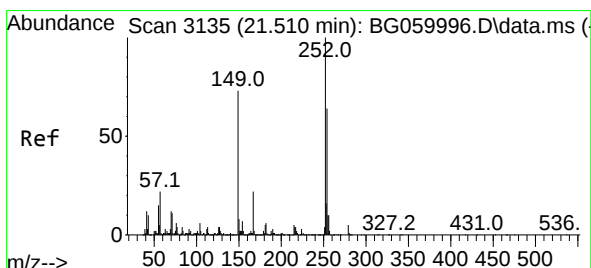
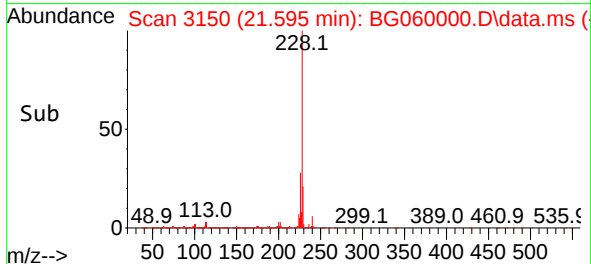
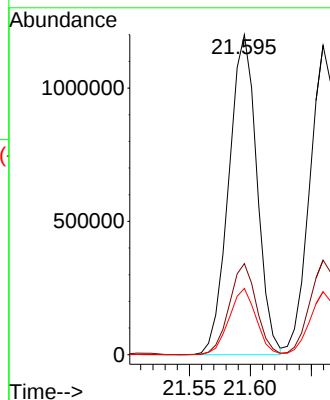
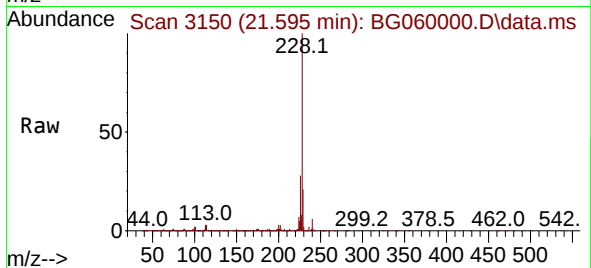
Tgt Ion:228 Resp: 1923391

Ion Ratio Lower Upper

228 100

226 28.4 22.9 34.3

229 20.7 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 42.243 ng

RT: 21.513 min Scan# 3136

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

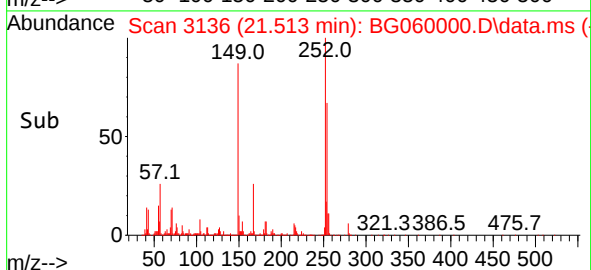
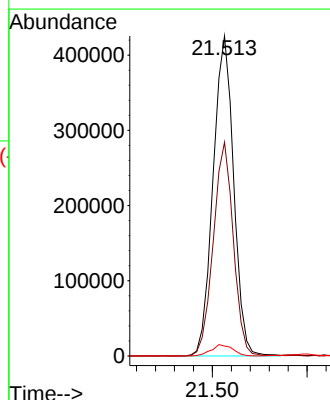
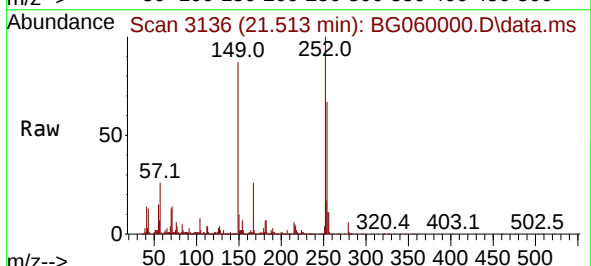
Tgt Ion:252 Resp: 640407

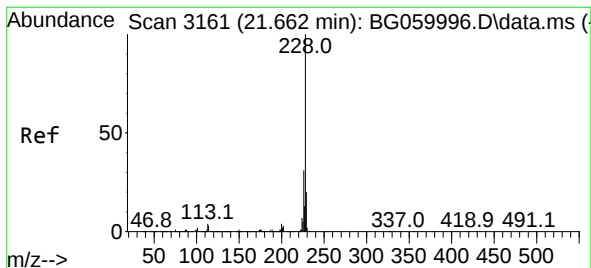
Ion Ratio Lower Upper

252 100

254 66.8 51.0 76.4

126 3.1 3.0 4.4





#83

Chrysene

Concen: 42.048 ng

RT: 21.660 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

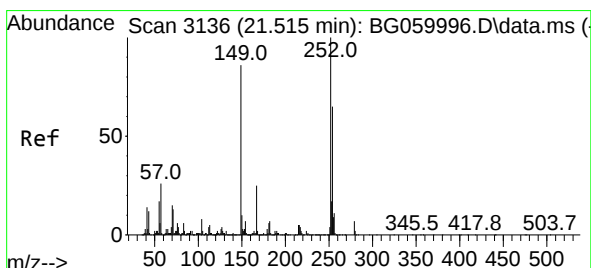
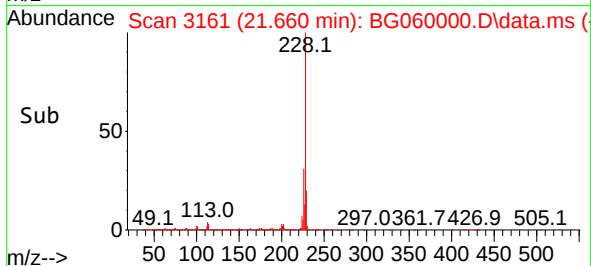
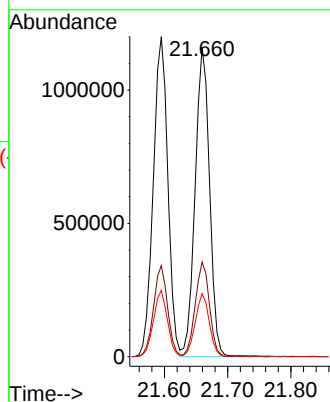
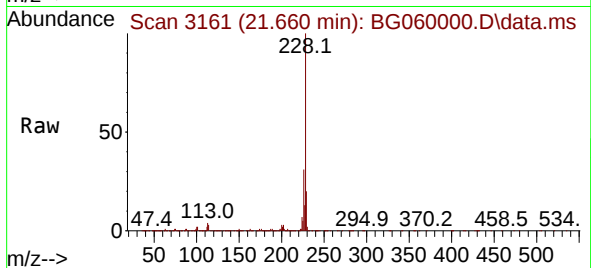
Tgt Ion:228 Resp: 1835329

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 20.4 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.069 ng

RT: 21.513 min Scan# 3136

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

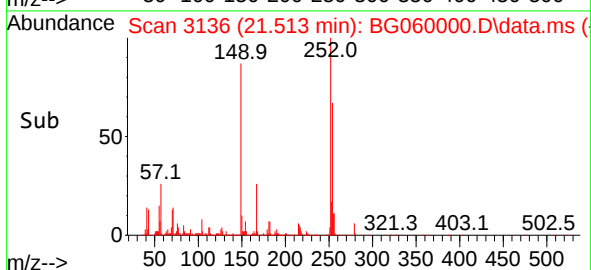
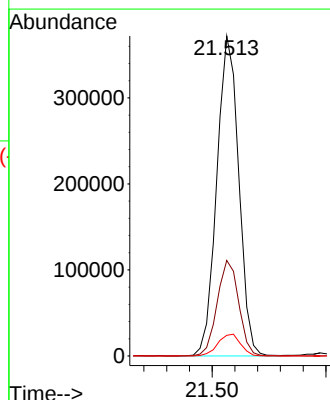
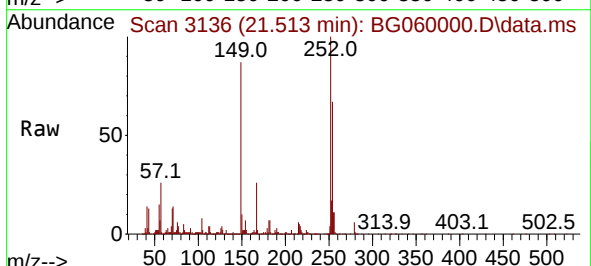
Tgt Ion:149 Resp: 498767

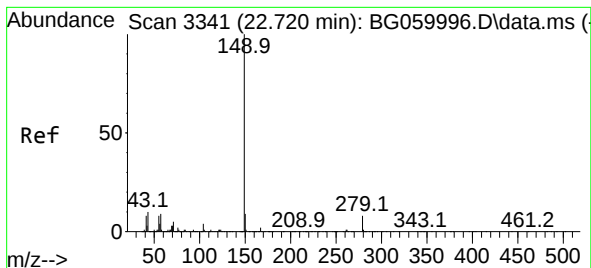
Ion Ratio Lower Upper

149 100

167 29.9 23.0 34.6

279 6.5 6.2 9.2





#85

Di-n-octyl phthalate

Concen: 43.609 ng

RT: 22.717 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

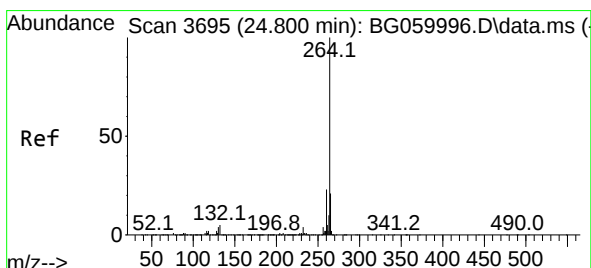
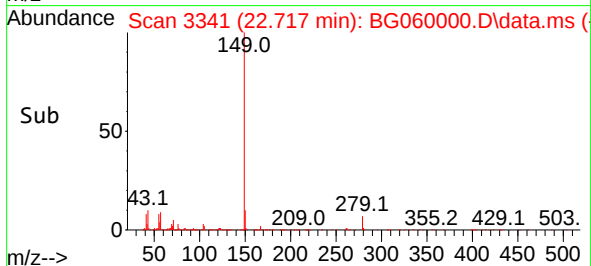
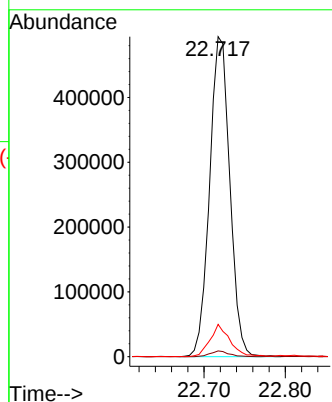
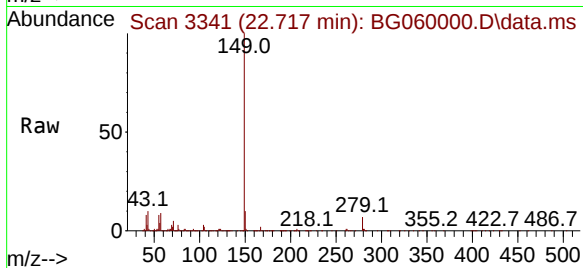
Tgt Ion:149 Resp: 853741

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 10.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.803 min Scan# 3696

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

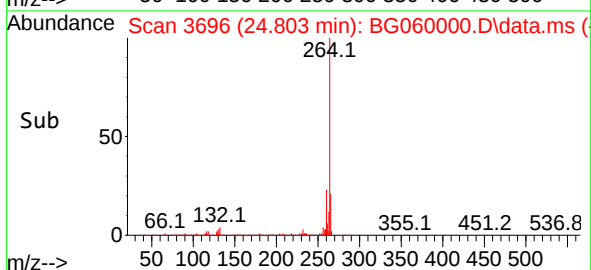
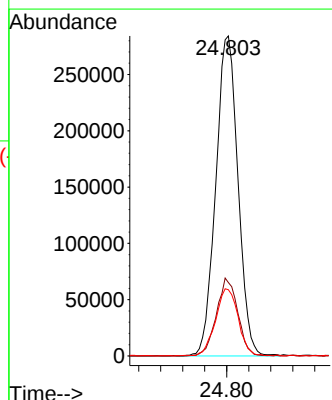
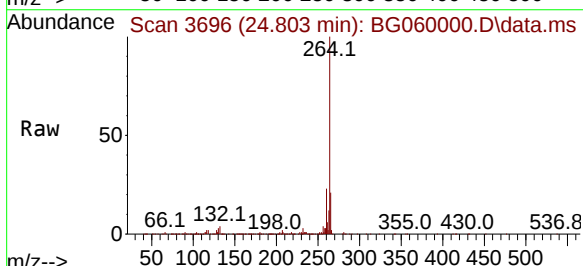
Tgt Ion:264 Resp: 796244

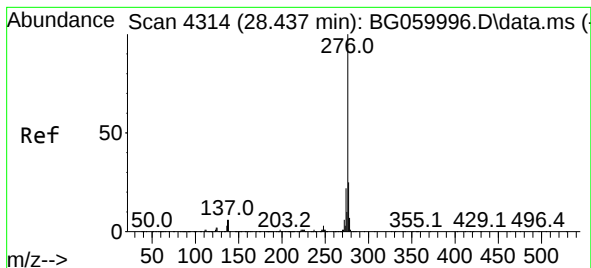
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 20.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.133 ng

RT: 28.440 min Scan# 4314

Delta R.T. 0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

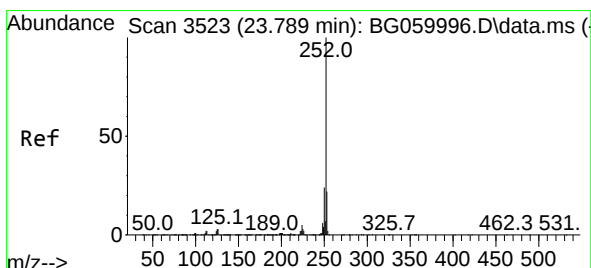
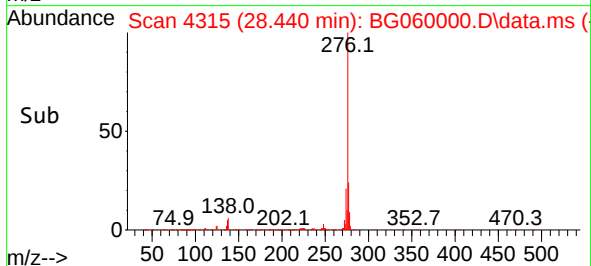
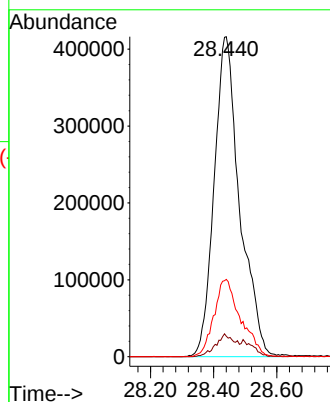
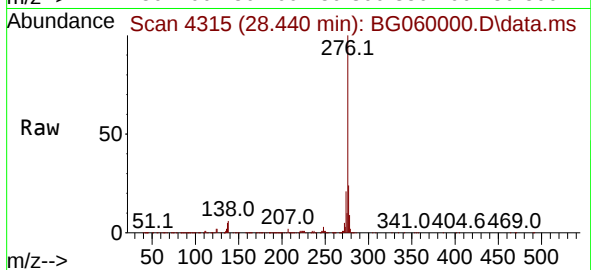
Tgt Ion:276 Resp: 2337439

Ion Ratio Lower Upper

276 100

138 5.3 4.7 7.1

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.863 ng

RT: 23.787 min Scan# 3523

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

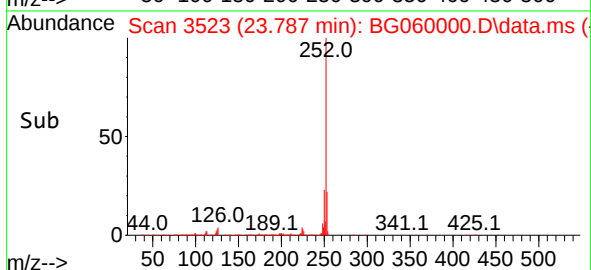
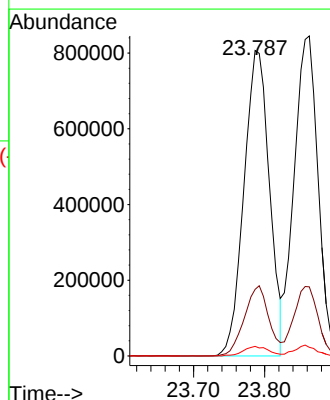
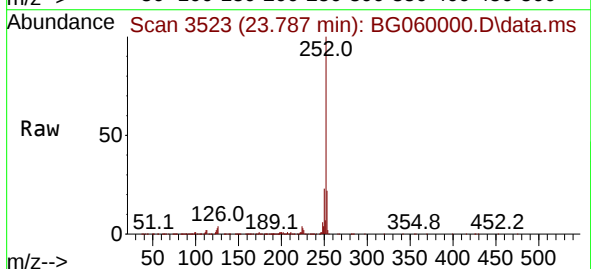
Tgt Ion:252 Resp: 2009467

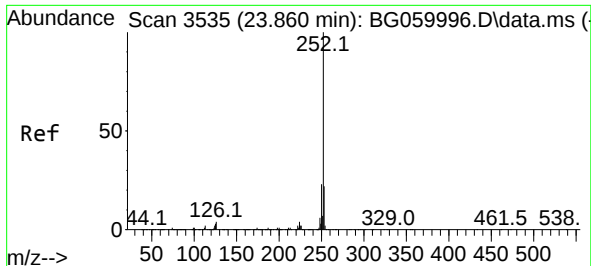
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 3.1 2.6 4.0

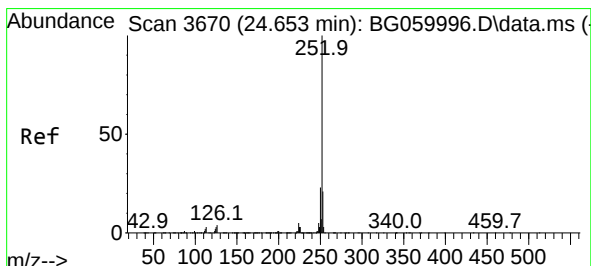
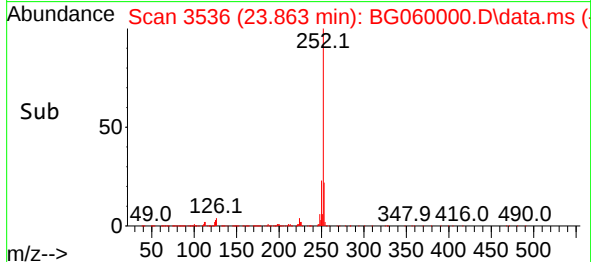
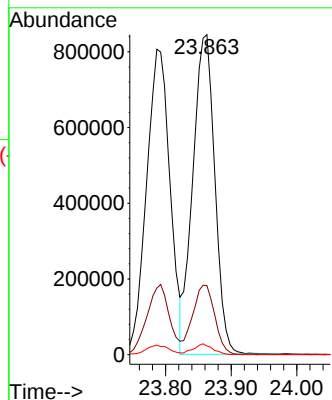
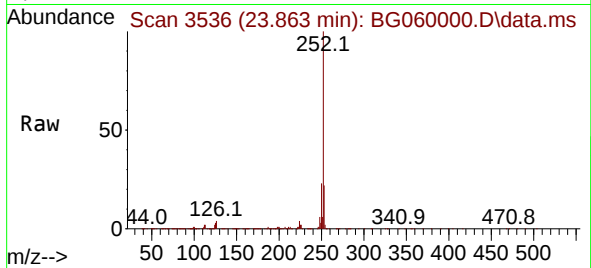




#89
Benzo(k)fluoranthene
Concen: 41.243 ng
RT: 23.863 min Scan# 3535
Delta R.T. 0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

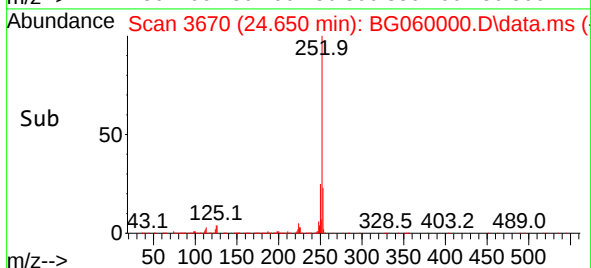
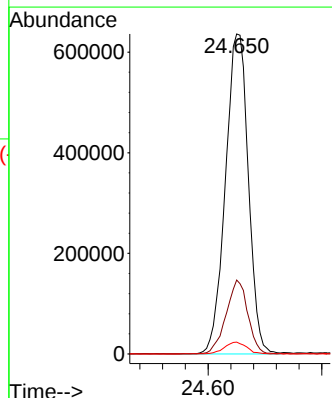
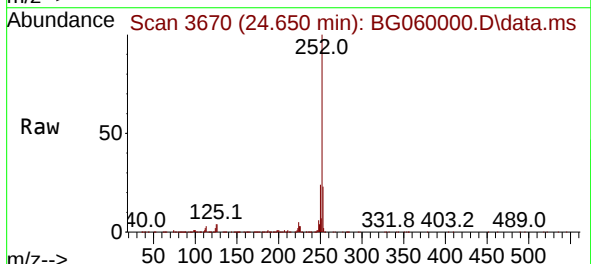
Instrument :
BNA_G
ClientSampleId :
ICVBG121323

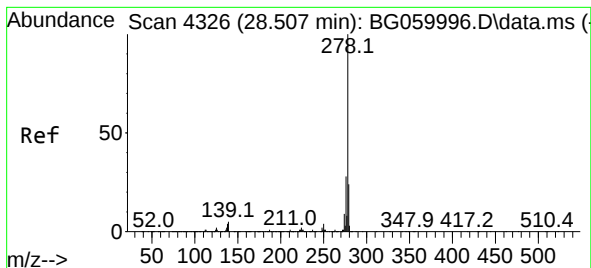
Tgt Ion:252 Resp: 1967257
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 2.7 2.5 3.7



#90
Benzo(a)pyrene
Concen: 40.813 ng
RT: 24.650 min Scan# 3670
Delta R.T. -0.003 min
Lab File: BG060000.D
Acq: 13 Dec 2023 17:23

Tgt Ion:252 Resp: 1778168
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 3.7 2.6 4.0





#91

Dibenzo(a,h)anthracene

Concen: 41.308 ng

RT: 28.505 min Scan# 41

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Instrument :

BNA_G

ClientSampleId :

ICVBG121323

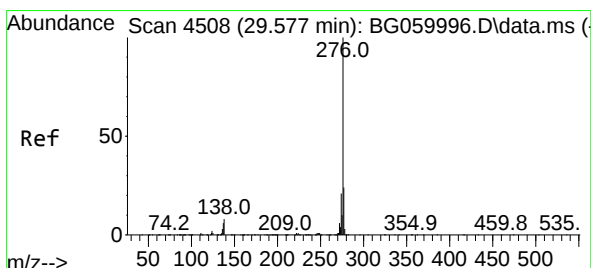
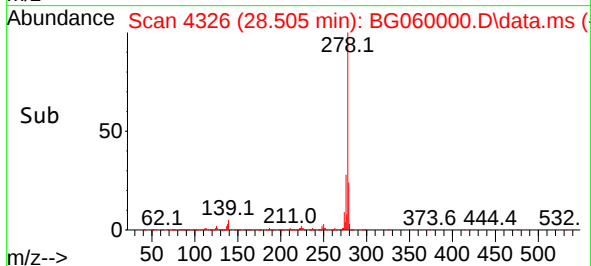
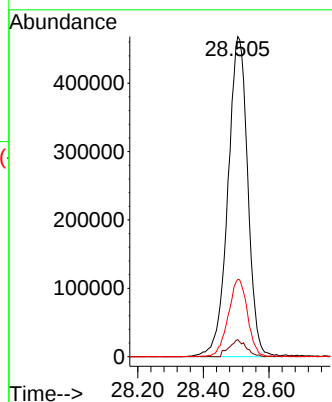
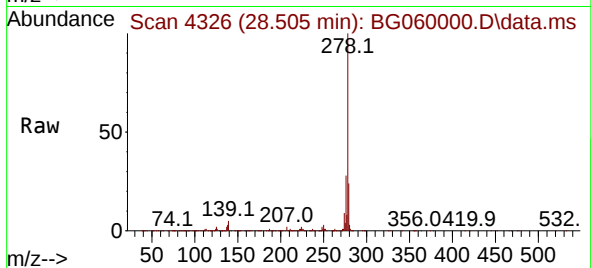
Tgt Ion:278 Resp: 1962876

Ion Ratio Lower Upper

278 100

139 5.3 4.4 6.6

279 24.1 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 40.820 ng

RT: 29.574 min Scan# 4508

Delta R.T. -0.003 min

Lab File: BG060000.D

Acq: 13 Dec 2023 17:23

Tgt Ion:276 Resp: 1929403

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.2

138 6.1 6.0 9.0

