

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061933.D
 Acq On : 6 Jul 2024 17:26
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020558

Quant Time: Jul 08 01:44:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	37694	20.000	ng/u1	0.00
20) Naphthalene-d8	10.909	136	192147	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	147062	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.560	188	323112	20.000	ng/u1	0.10
79) Chrysene-d12	21.720	240	306941	20.000	ng/u1	0.00
88) Perylene-d12	24.963	264	362422	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	6329	6.310	ng/uL	0.00
4) Pyridine-d5	3.905	84	50776	16.463	ng/u1	0.00
7) Phenol-d5	7.249	99	81042	19.646	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.419	67	49208	18.837	ng/u1	0.00
11) 2-Chlorophenol-d4	7.625	132	58989	20.847	ng/u1	0.00
15) 4-Methylphenol-d8	8.800	113	66056	20.338	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	31318	21.431	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	36102	21.633	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	74473	23.136	ng/u1	0.00
31) 4-Chloroaniline-d4	11.038	131	96011	20.545	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	236850	19.590	ng/u1	0.00
49) Acenaphthylene-d8	14.417	160	261445	20.680	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	39195	20.300	ng/u1	0.00
60) Fluorene-d10	15.709	176	205930	20.232	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.868	200	143	0.084	ng/u1	0.04
73) Anthracene-d10	17.560	188	323112	21.419	ng/u1	0.00
81) Pyrene-d10	19.834	212	355049	19.666	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.740	264	368584	20.506	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.518	88	8184	7.392	ng/uL	96
5) Pyridine	3.923	79	53115	16.792	ng/u1	96
6) Benzaldehyde	7.231	77	47225	21.631	ng/u1	87
8) Phenol	7.272	94	81914	19.395	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.513	93	59877	18.455	ng/u1	95
12) 2-Chlorophenol	7.660	128	58844	20.412	ng/u1	93
13) 2-Methylphenol	8.535	108	61152	20.287	ng/u1	84
14) 2,2'-oxybis(1-Chloropr...	8.618	45	129325	18.245	ng/u1#	97
16) Acetophenone	8.917	105	106637	19.876	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.900	70	56410	18.781	ng/u1	99
18) 4-Methylphenol	8.864	108	69493	20.586	ng/u1	96
19) Hexachloroethane	9.182	117	26291	21.023	ng/u1#	83
22) Nitrobenzene	9.305	77	88923	21.437	ng/u1#	97
23) Isophorone	9.822	82	173165	18.478	ng/u1#	97
25) 2-Nitrophenol	10.016	139	35857	21.069	ng/u1	97
26) 2,4-Dimethylphenol	10.069	107	84811	20.822	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.304	93	94497	18.310	ng/u1	93
29) 2,4-Dichlorophenol	10.551	162	64031	21.177	ng/u1	95
30) Naphthalene	10.962	128	214656	20.338	ng/u1	96
32) 4-Chloroaniline	11.068	127	91588	19.973	ng/u1	96
33) Hexachlorobutadiene	11.232	225	50276	22.096	ng/u1	92
34) Caprolactam	11.820	113	16891	14.258	ng/u1	95
35) 4-Chloro-3-methylphenol	12.178	107	87841	21.813	ng/u1	96
36) 2-Methylnaphthalene	12.554	142	160326	20.967	ng/u1	93

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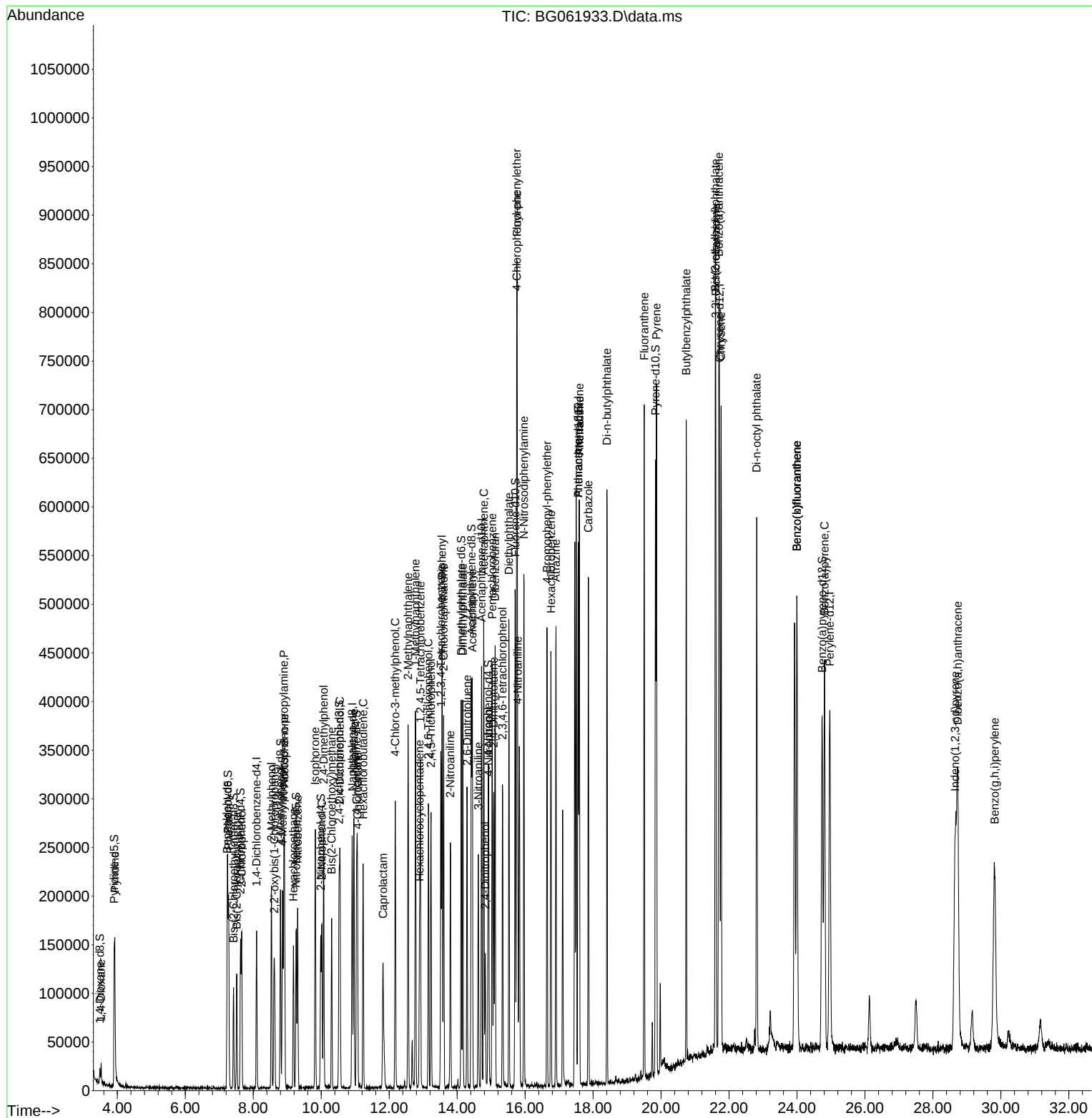
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.771	142	171405	21.570	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.918	216	95481	21.620	ng/ul	97
40) Hexachlorocyclopentadiene	12.889	237	39567	13.459	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.153	196	62543	21.322	ng/ul	93
42) 2,4,5-Trichlorophenol	13.230	196	65918	20.457	ng/ul	89
43) 1,1'-Biphenyl	13.553	154	219373	19.360	ng/ul	97
44) 2-Chloronaphthalene	13.600	162	168446	19.808	ng/ul	97
45) 2-Nitroaniline	13.800	65	72486	21.285	ng/ul	97
47) Dimethylphthalate	14.164	163	220844	18.990	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	49821	22.583	ng/ul	90
50) Acenaphthylene	14.446	152	272456	19.636	ng/ul	99
51) 3-Nitroaniline	14.622	138	46566	21.684	ng/ul	90
52) Acenaphthene	14.781	153	192832	20.126	ng/ul	95
53) 2,4-Dinitrophenol	14.828	184	22146	19.214	ng/ul	92
55) 4-Nitrophenol	14.928	109	50170	22.767	ng/ul#	86
56) Dibenzofuran	15.116	168	268787	19.849	ng/ul	88
57) 2,4-Dinitrotoluene	15.075	165	73524	22.725	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.333	232	60395	20.757	ng/ul#	94
59) Diethylphthalate	15.521	149	241675	19.285	ng/ul	93
61) Fluorene	15.762	166	229825	19.957	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.750	204	113938	19.697	ng/ul	90
63) 4-Nitroaniline	15.780	138	46574	21.374	ng/ul	95
67) N-Nitrosodiphenylamine	15.968	169	186882	21.179	ng/ul	96
68) 4-Bromophenyl-phenylether	16.643	248	82547	22.519	ng/ul	95
69) Hexachlorobenzene	16.761	284	98677	23.411	ng/ul	95
70) Atrazine	16.908	200	79788	22.906	ng/ul	99
72) Phenanthrene	17.595	178	379997	22.304	ng/ul	98
74) Anthracene	17.595	178	379997	21.582	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.518	216	94623	23.579	ng/ul	97
76) Pentachlorobenzene	15.028	250	108981	23.810	ng/ul	93
77) Carbazole	17.860	167	318574	21.500	ng/ul#	96
78) Di-n-butylphthalate	18.406	149	399267	20.988	ng/ul	99
80) Fluoranthene	19.505	202	420596	19.685	ng/ul#	92
82) Pyrene	19.863	202	436197	19.764	ng/ul#	94
83) Butylbenzylphthalate	20.739	149	176651	19.072	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.608	252	161950	22.178	ng/ul	99
85) Benzo(a)anthracene	21.702	228	441613	19.871	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.596	149	252320	18.984	ng/ul	97
87) Chrysene	21.767	228	415820	19.987	ng/ul	98
89) Di-n-octyl phthalate	22.813	149	444428	20.072	ng/ul	100
90) Benzo(b)fluoranthene	23.994	252	467796	20.487	ng/ul	98
91) Benzo(k)fluoranthene	23.994	252	468533	20.577	ng/ul#	94
93) Benzo(a)pyrene	24.810	252	439714	20.336	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.653	276	252981	9.156	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.729	278	441660	19.353	ng/ul	98
96) Benzo(g,h,i)perylene	29.816	276	267954	12.190	ng/ul	98

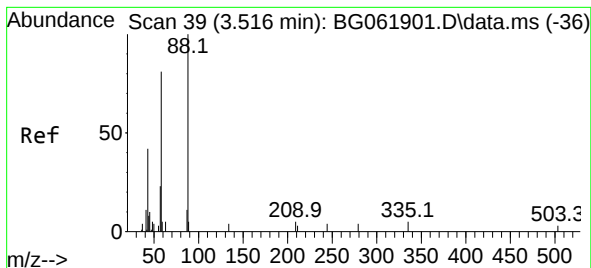
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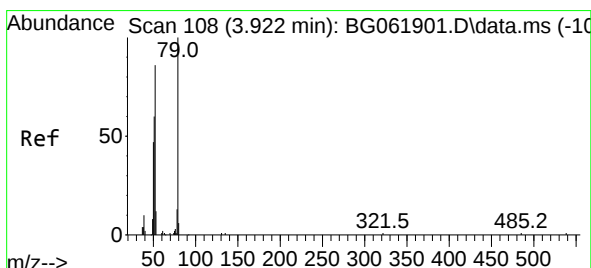
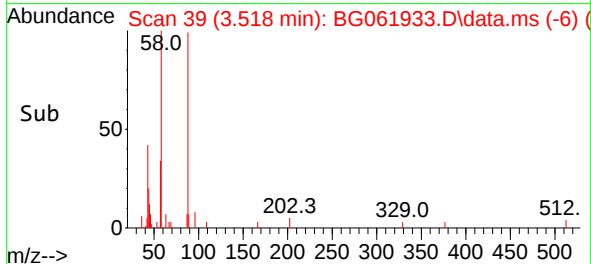
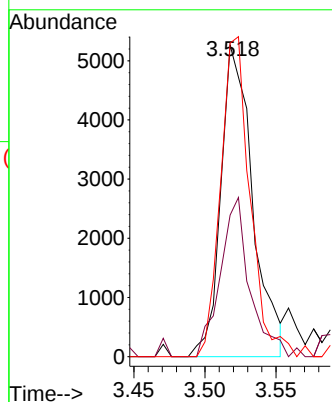
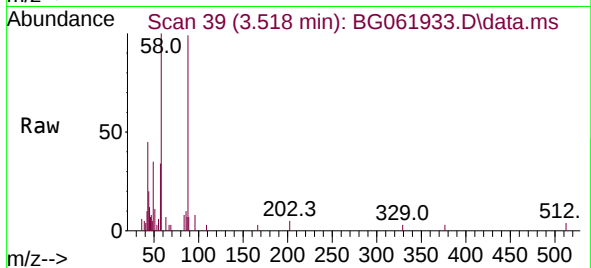




#2
1,4-Dioxane
Concen: 7.392 ng/uL
RT: 3.518 min Scan# 39
Delta R.T. -0.005 min
Lab File: BG061933.D
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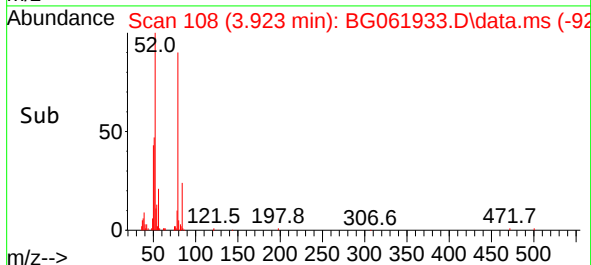
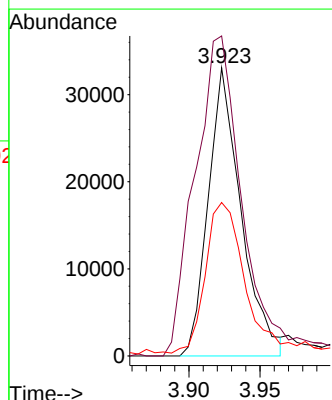
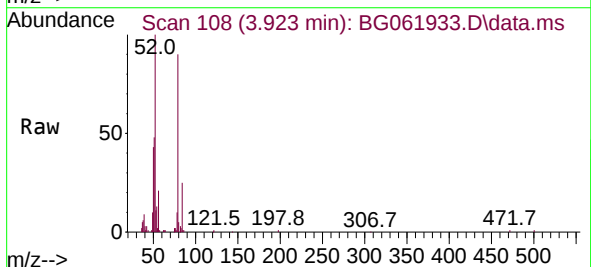
Instrument :
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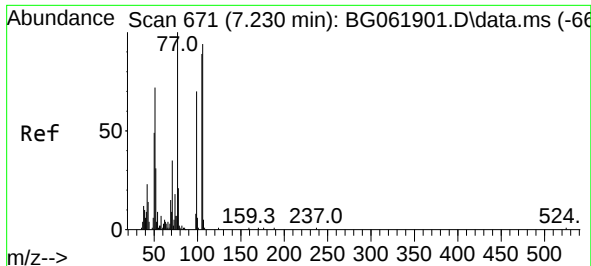
Tgt Ion: 88 Resp: 8184
Ion Ratio Lower Upper
88 100
43 45.5 39.4 59.2
58 100.7 78.1 117.1



#5
Pyridine
Concen: 16.792 ng/uL
RT: 3.923 min Scan# 108
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion: 79 Resp: 53115
Ion Ratio Lower Upper
79 100
52 111.1 86.0 129.0
51 53.3 46.4 69.6

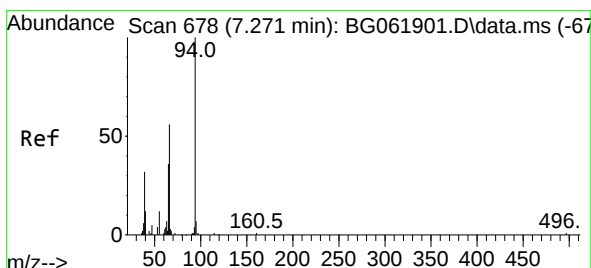
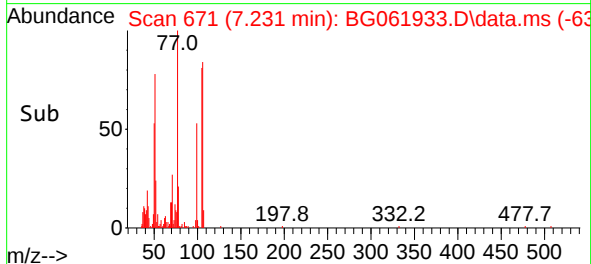
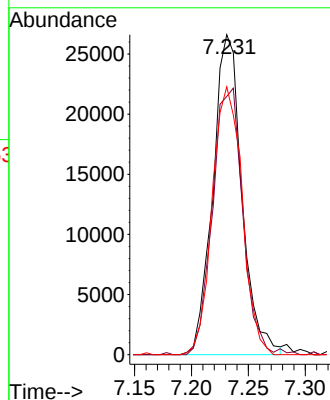
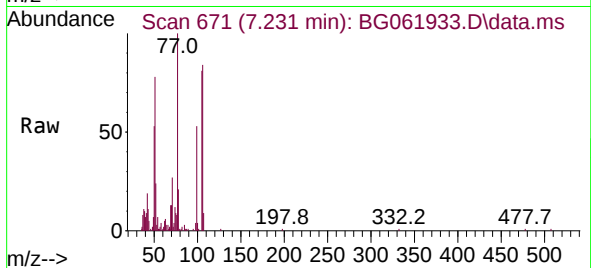




#6
Benzaldehyde
Concen: 21.631 ng/ul
RT: 7.231 min Scan# 671
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

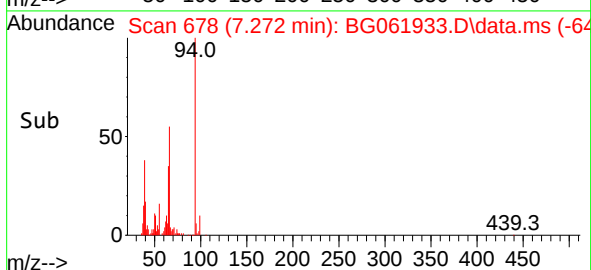
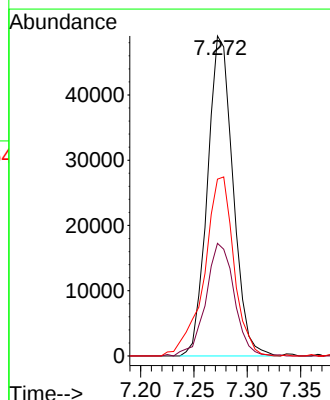
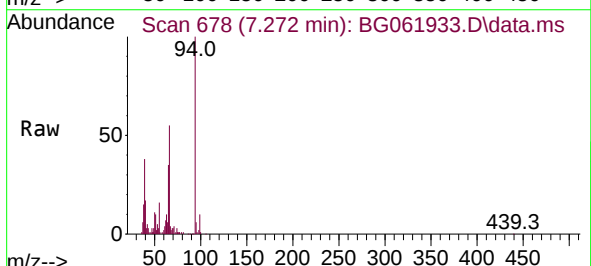
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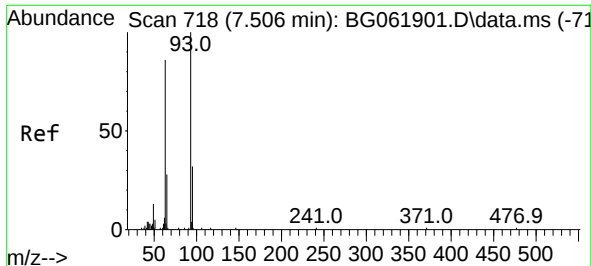
Tgt Ion: 77 Resp: 47225
Ion Ratio Lower Upper
77 100
105 80.7 79.6 119.4
106 83.7 62.6 93.8



#8
Phenol
Concen: 19.395 ng/ul
RT: 7.272 min Scan# 678
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion: 94 Resp: 81914
Ion Ratio Lower Upper
94 100
65 35.2 29.0 43.4
66 55.3 37.4 56.2

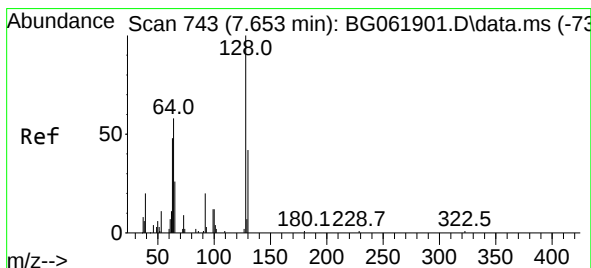
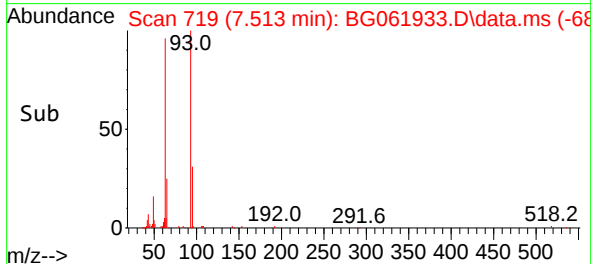
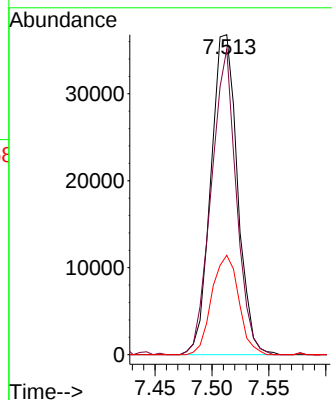
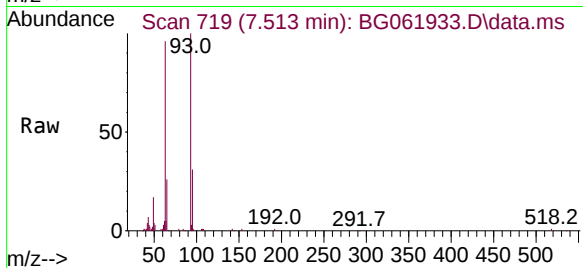




#10
Bis(2-Chloroethyl)ether
Concen: 18.455 ng/ul
RT: 7.513 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

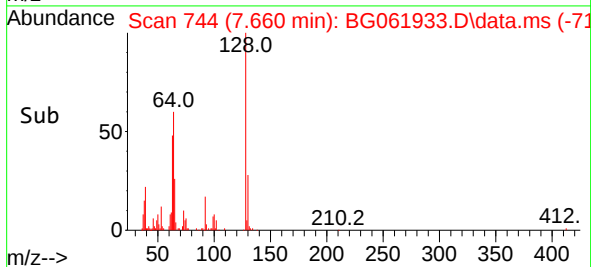
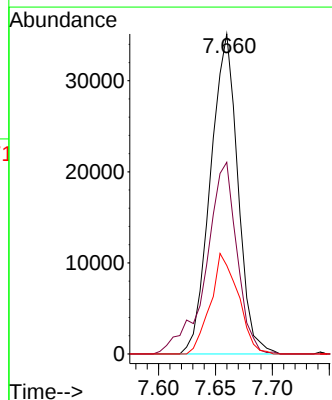
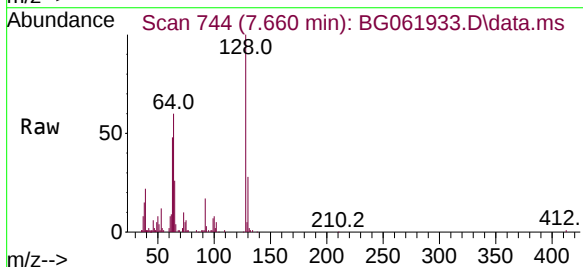
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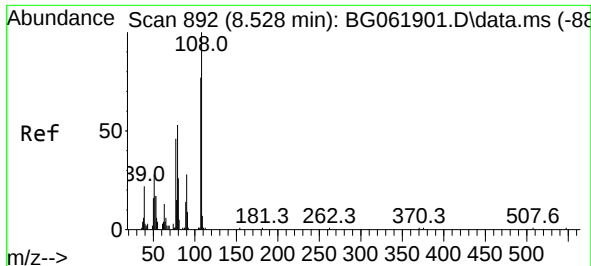
Tgt Ion: 93 Resp: 59877
Ion Ratio Lower Upper
93 100
63 95.5 72.2 108.2
95 31.1 26.7 40.1



#12
2-Chlorophenol
Concen: 20.412 ng/ul
RT: 7.660 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:128 Resp: 58844
Ion Ratio Lower Upper
128 100
64 59.9 42.6 63.8
130 27.6 23.3 34.9

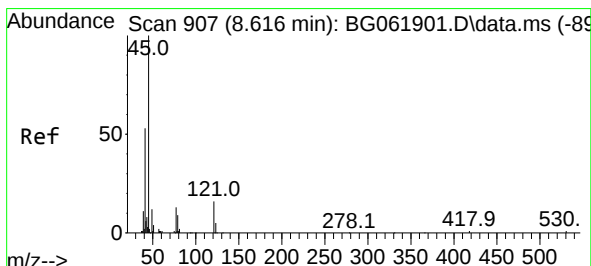
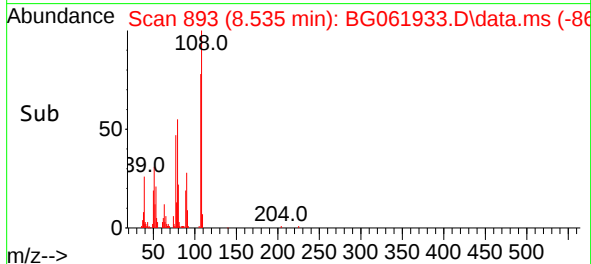
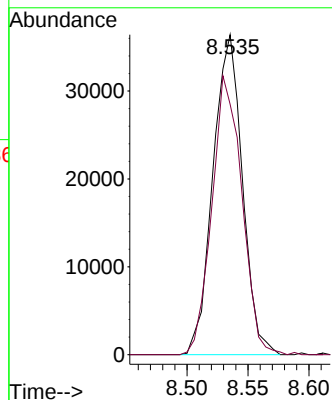
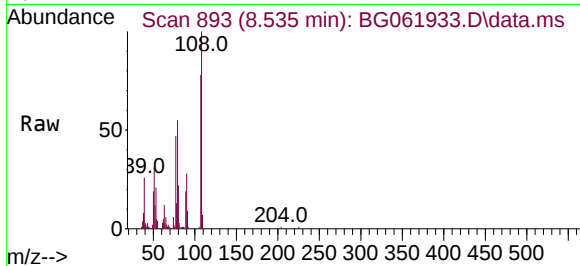




#13
2-Methylphenol
Concen: 20.287 ng/ul
RT: 8.535 min Scan# 892
Delta R.T. -0.005 min
Lab File: BG061933.D
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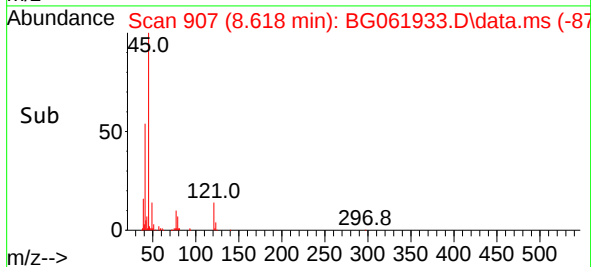
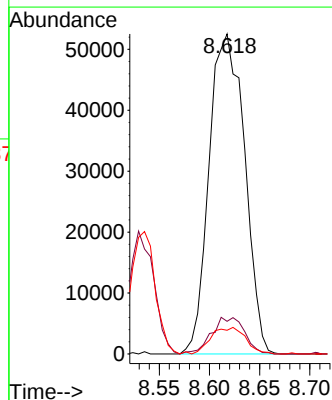
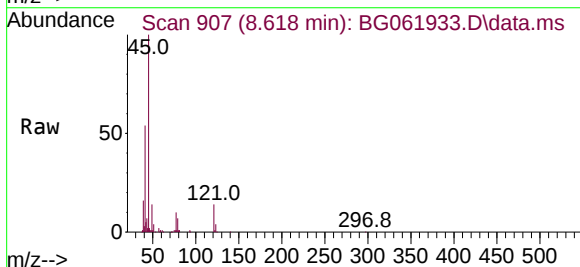
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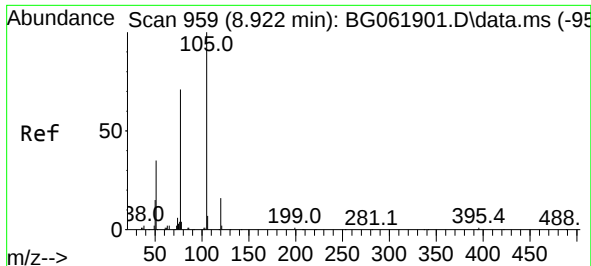
Tgt Ion:108 Resp: 61152
Ion Ratio Lower Upper
108 100
107 78.3 74.9 112.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.245 ng/ul
RT: 8.618 min Scan# 907
Delta R.T. -0.005 min
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Tgt Ion: 45 Resp: 129325
Ion Ratio Lower Upper
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79 7.4 4.8 7.2#

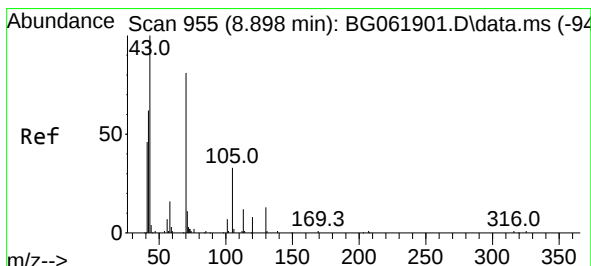
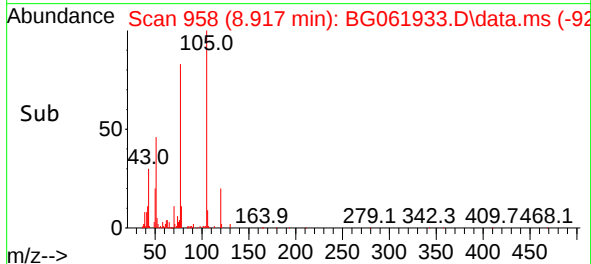
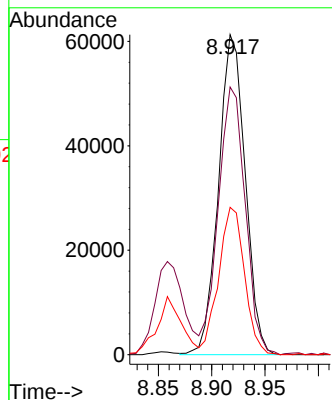
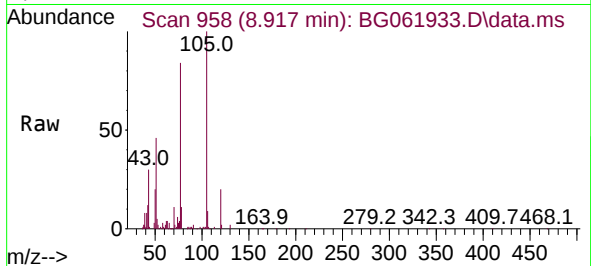




#16
 Acetophenone
 Concen: 19.876 ng/ul
 RT: 8.917 min Scan# 917
 Delta R.T. -0.005 min
 Lab File: BG061933.D
 Acq: 6 Jul 2024 17:26

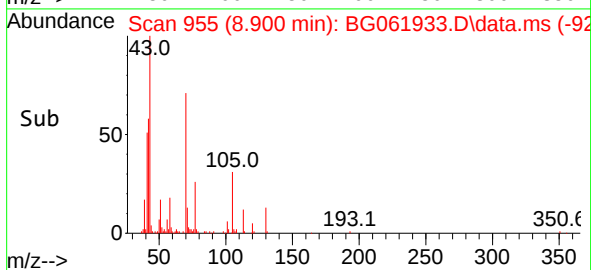
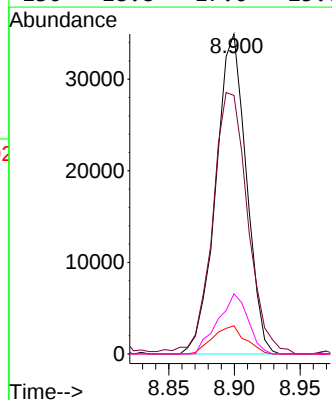
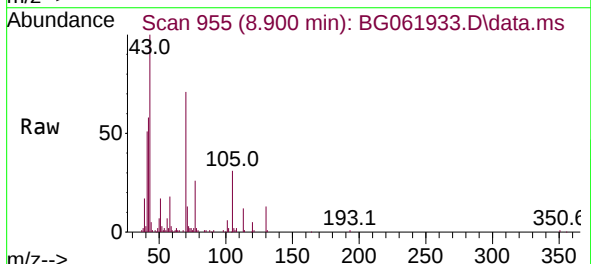
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020558

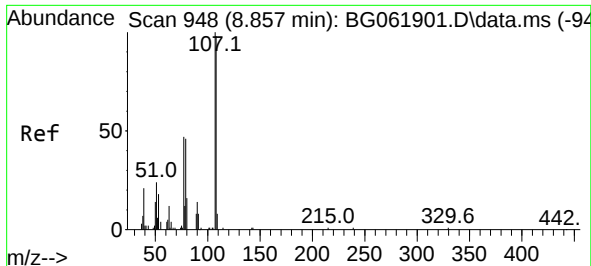
Tgt Ion:105 Resp: 106637
 Ion Ratio Lower Upper
 105 100
 77 83.6 64.1 96.1
 51 46.0 33.8 50.8



#17
 N-Nitroso-di-n-propylamine
 Concen: 18.781 ng/ul
 RT: 8.900 min Scan# 955
 Delta R.T. 0.001 min
 Lab File: BG061933.D
 Acq: 6 Jul 2024 17:26

Tgt Ion: 70 Resp: 56410
 Ion Ratio Lower Upper
 70 100
 42 80.8 64.7 97.1
 101 8.8 7.3 10.9
 130 18.8 17.0 25.6

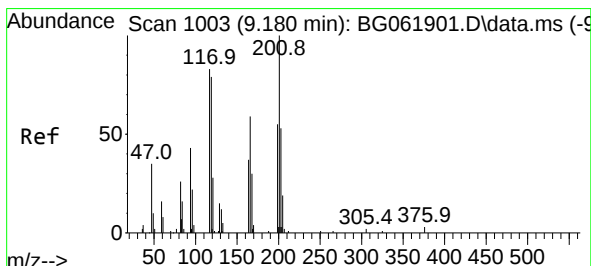
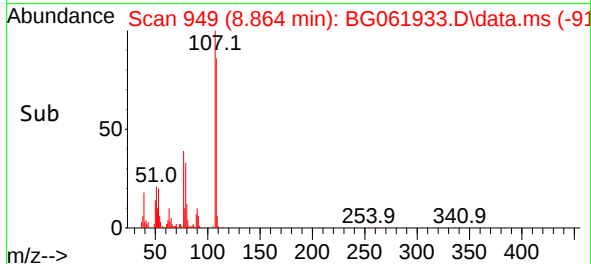
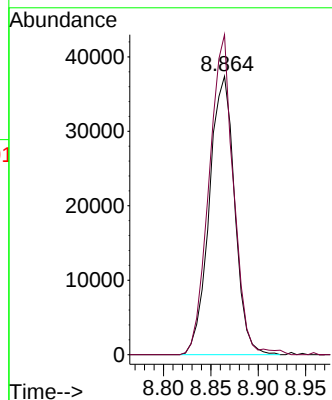
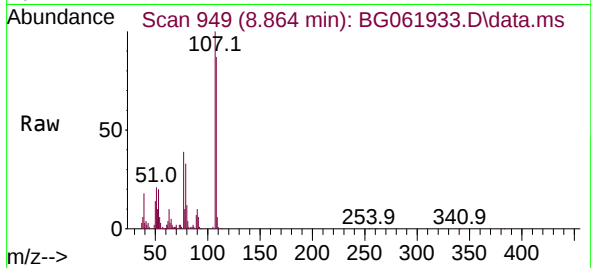




#18
4-Methylphenol
Concen: 20.586 ng/ul
RT: 8.864 min Scan# 948
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

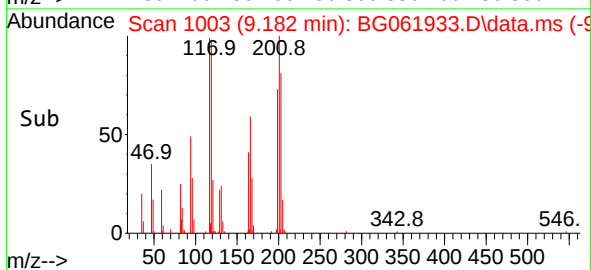
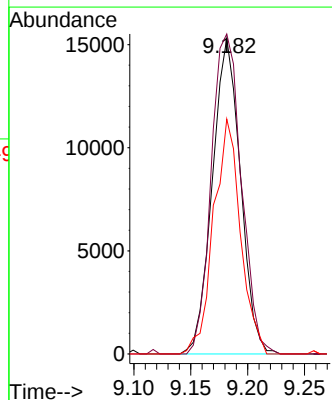
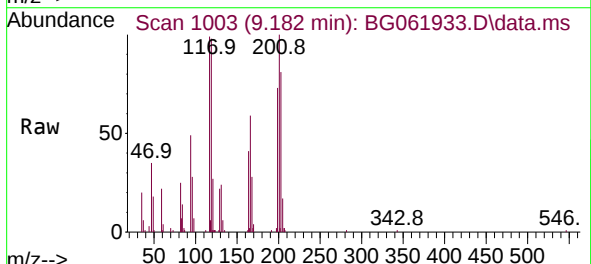
Instrument :
BNA_G
ClientSampleId :
SSTD020558

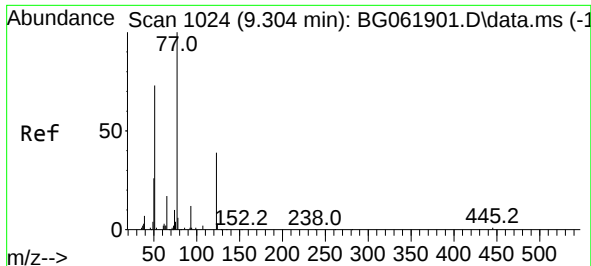
Tgt Ion:108 Resp: 69493
Ion Ratio Lower Upper
108 100
107 114.9 88.4 132.6



#19
Hexachloroethane
Concen: 21.023 ng/ul
RT: 9.182 min Scan# 1003
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:117 Resp: 26291
Ion Ratio Lower Upper
117 100
201 101.4 69.3 103.9
199 74.4 48.9 73.3#

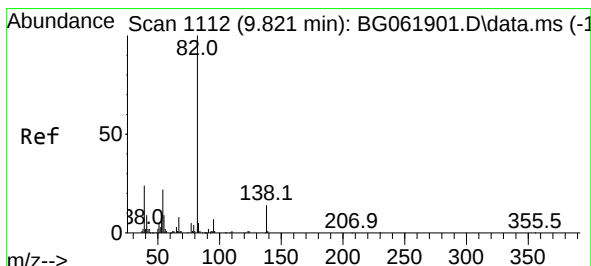
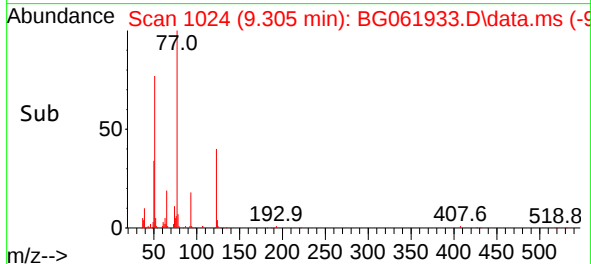
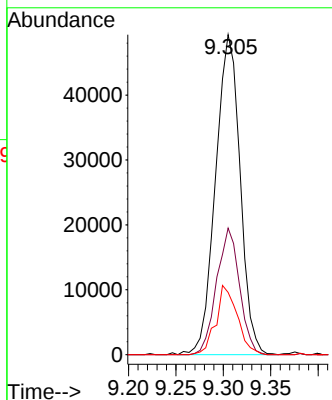
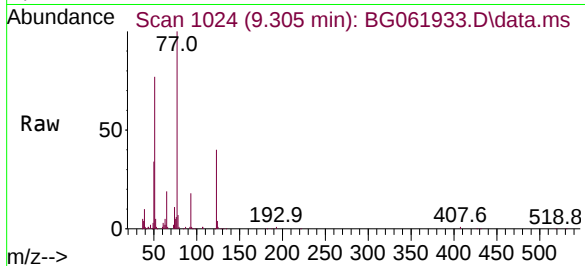




#22
Nitrobenzene
Concen: 21.437 ng/ul
RT: 9.305 min Scan# 1102
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

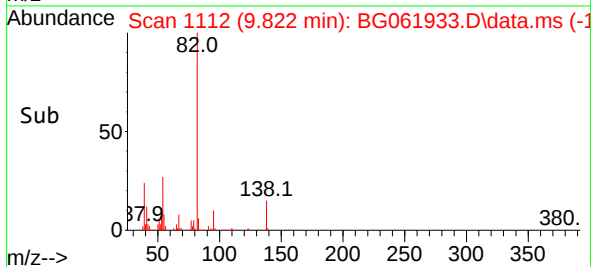
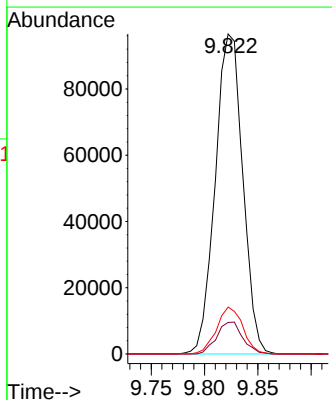
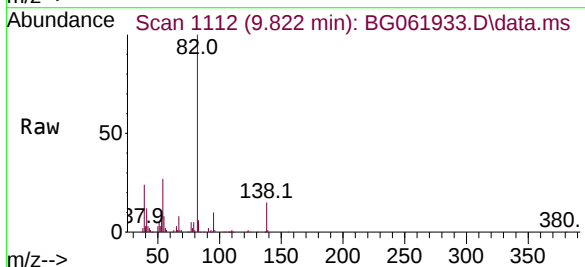
Instrument :
BNA_G
ClientSampleId :
SSTD020558

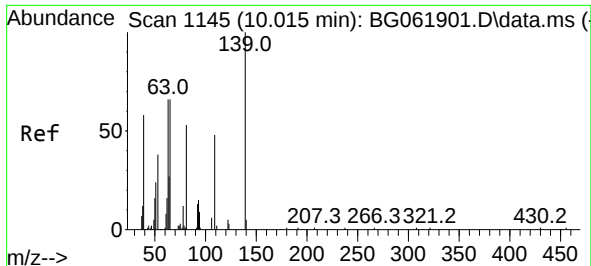
Tgt Ion: 77 Resp: 88923
Ion Ratio Lower Upper
77 100
123 39.6 31.0 46.6
65 19.4 12.7 19.1#



#23
Isophorone
Concen: 18.478 ng/ul
RT: 9.822 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion: 82 Resp: 173165
Ion Ratio Lower Upper
82 100
95 9.9 6.0 9.0#
138 14.6 11.9 17.9

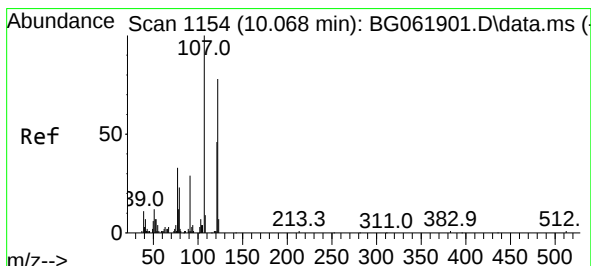
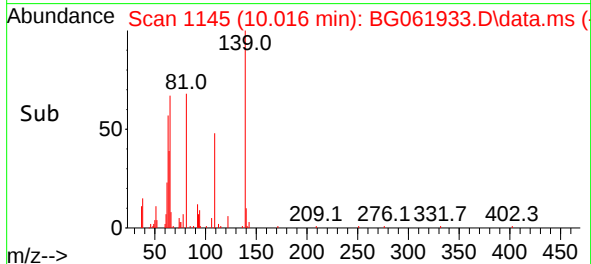
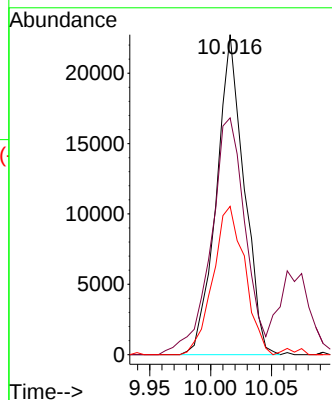
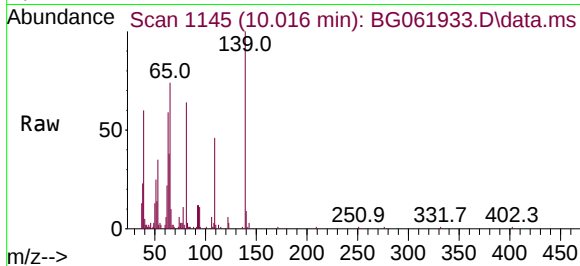




#25
2-Nitrophenol
Concen: 21.069 ng/ul
RT: 10.016 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

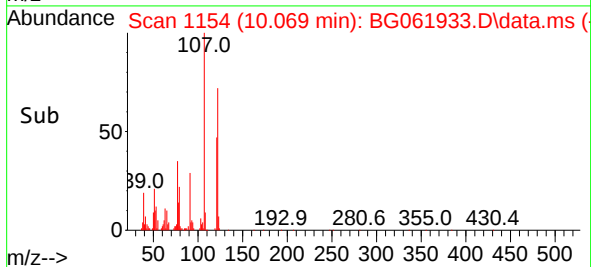
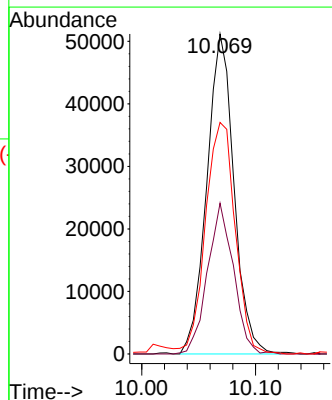
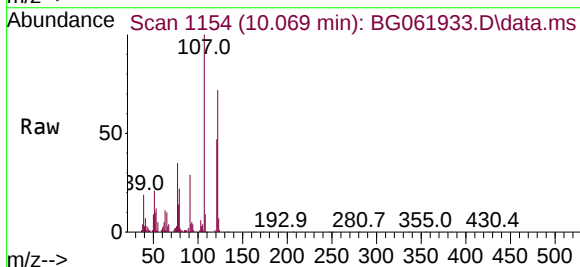
Instrument :
BNA_G
ClientSampleId :
SSTD020558

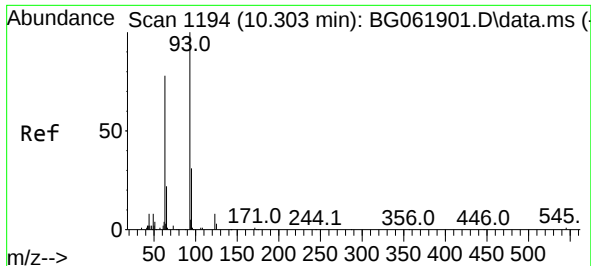
Tgt Ion:139 Resp: 35857
Ion Ratio Lower Upper
139 100
65 74.0 61.6 92.4
109 46.4 35.4 53.2



#26
2,4-Dimethylphenol
Concen: 20.822 ng/ul
RT: 10.069 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:107 Resp: 84811
Ion Ratio Lower Upper
107 100
121 47.1 35.6 53.4
122 72.4 62.2 93.2





#27

Bis(2-Chloroethoxy)methane

Concen: 18.310 ng/ul

RT: 10.304 min Scan# 1194

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

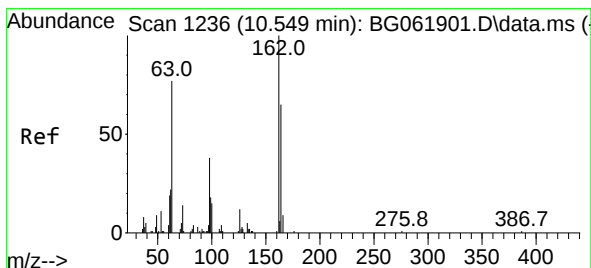
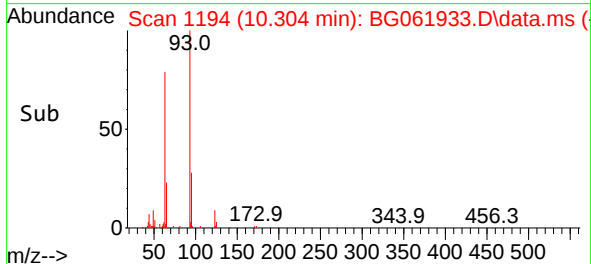
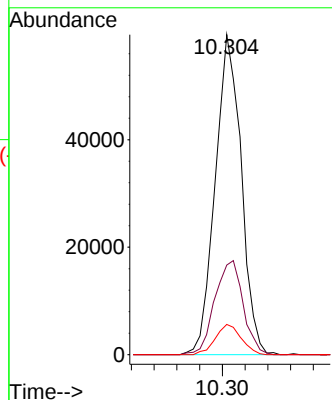
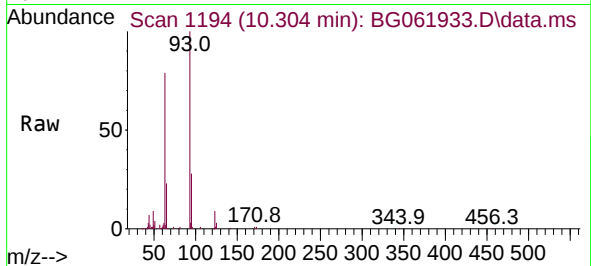
Tgt Ion: 93 Resp: 94497

Ion Ratio Lower Upper

93 100

95 28.0 26.2 39.2

123 9.4 7.5 11.3



#29

2,4-Dichlorophenol

Concen: 21.177 ng/ul

RT: 10.551 min Scan# 1236

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

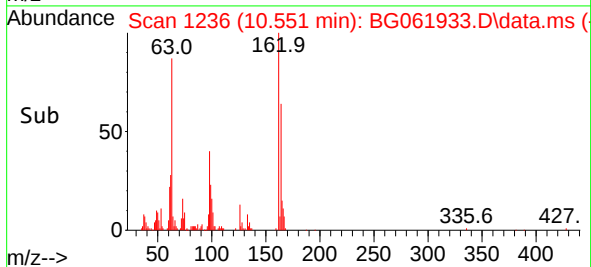
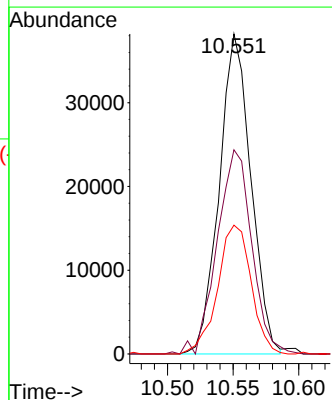
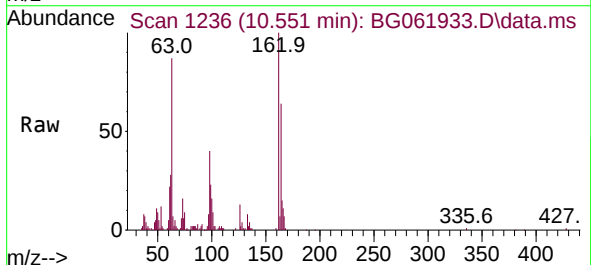
Tgt Ion:162 Resp: 64031

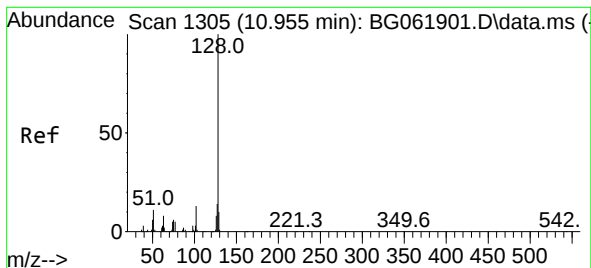
Ion Ratio Lower Upper

162 100

164 63.8 46.9 70.3

98 40.3 33.4 50.2

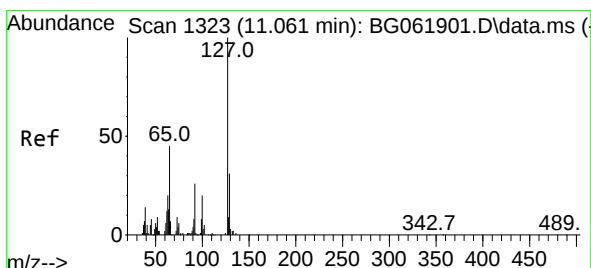
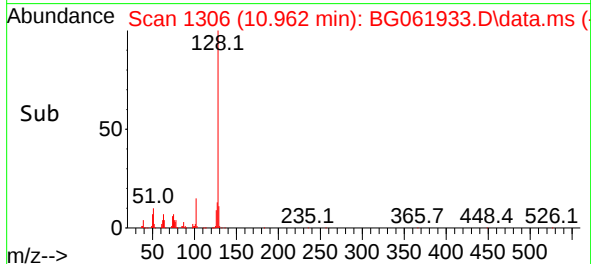
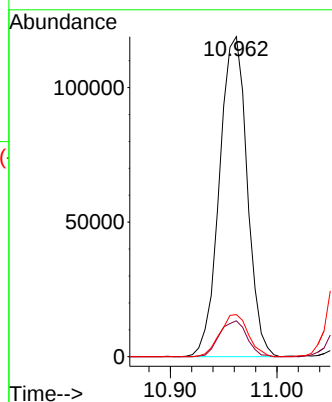
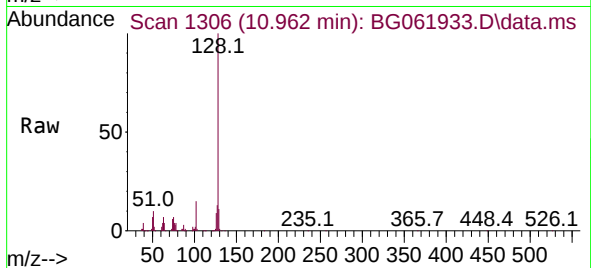




#30
Naphthalene
Concen: 20.338 ng/ul
RT: 10.962 min Scan# 1306
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

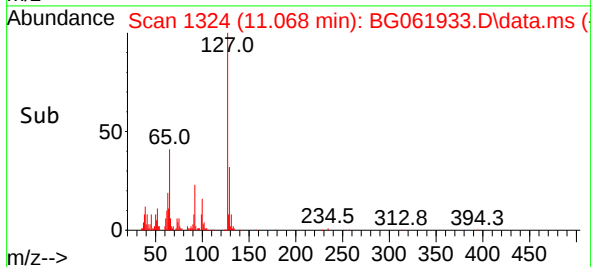
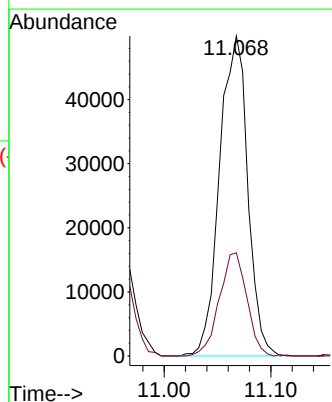
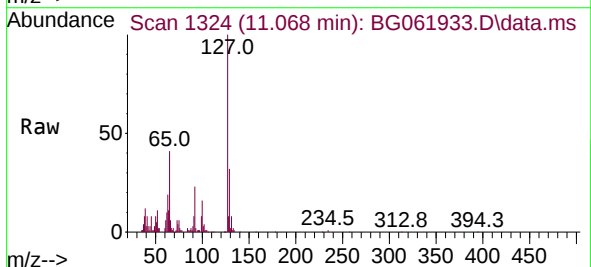
Instrument :
BNA_G
ClientSampleId :
SSTD020558

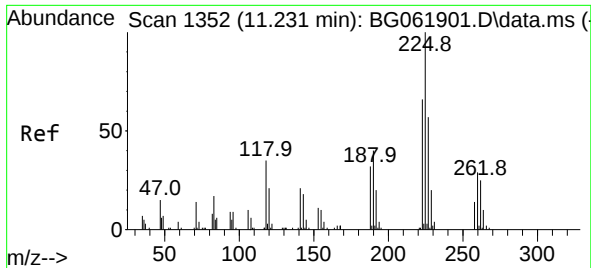
Tgt Ion:128 Resp: 214656
Ion Ratio Lower Upper
128 100
129 11.2 7.7 11.5
127 13.2 9.6 14.4



#32
4-Chloroaniline
Concen: 19.973 ng/ul
RT: 11.068 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:127 Resp: 91588
Ion Ratio Lower Upper
127 100
129 32.2 24.2 36.4

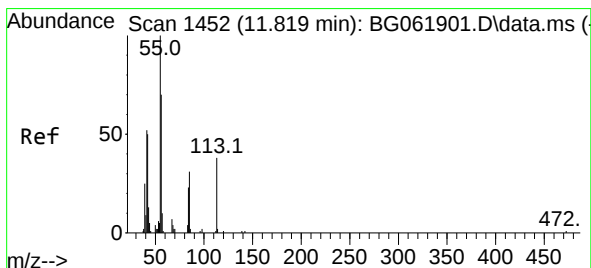
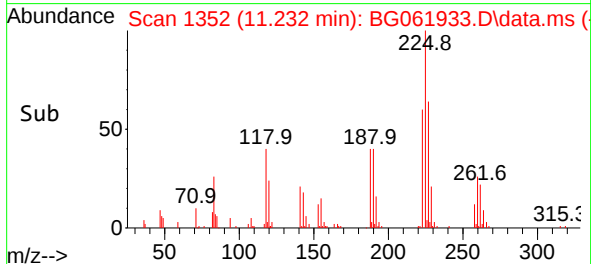
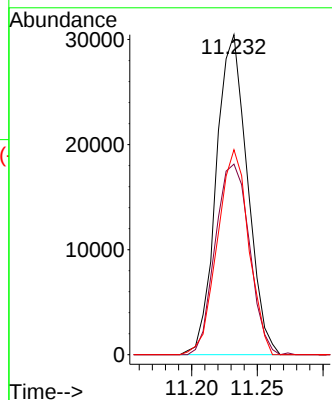
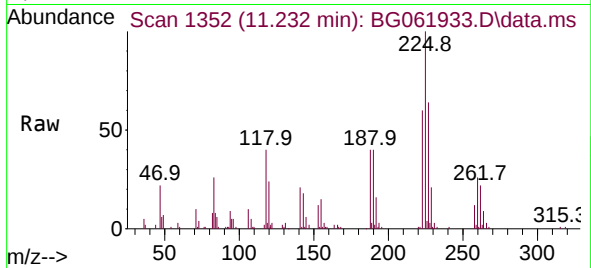




#33
Hexachlorobutadiene
Concen: 22.096 ng/ul
RT: 11.232 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

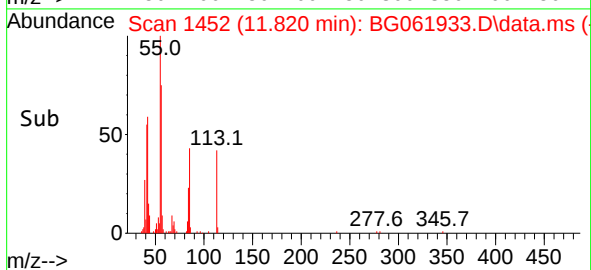
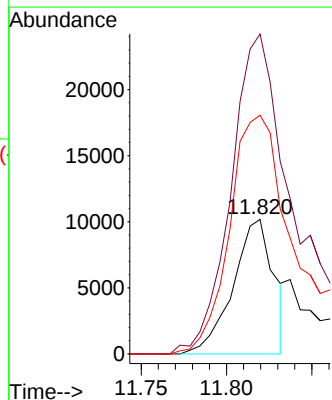
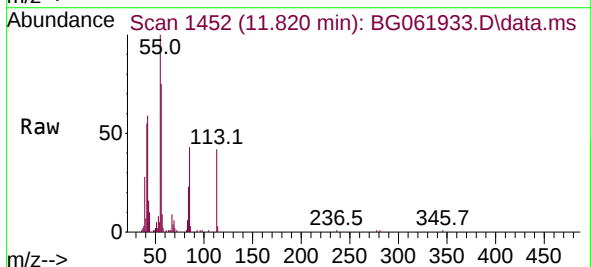
Instrument :
BNA_G
ClientSampleId :
SSTD020558

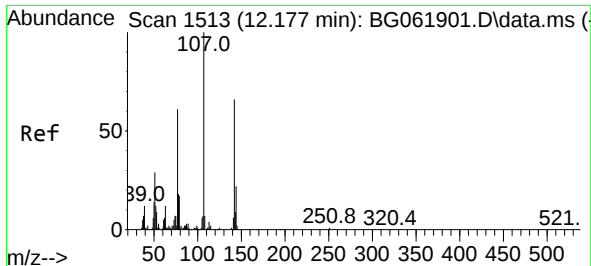
Tgt Ion:225 Resp: 50276
Ion Ratio Lower Upper
225 100
223 59.6 45.4 68.2
227 64.1 44.0 66.0



#34
Caprolactam
Concen: 14.258 ng/ul
RT: 11.820 min Scan# 1452
Delta R.T. -0.023 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:113 Resp: 16891
Ion Ratio Lower Upper
113 100
55 237.8 184.6 276.8
56 177.3 135.0 202.6

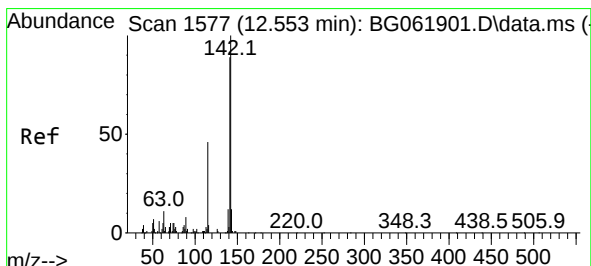
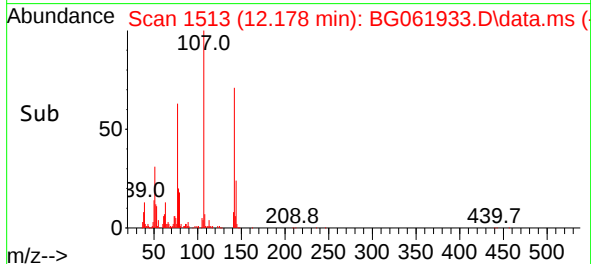
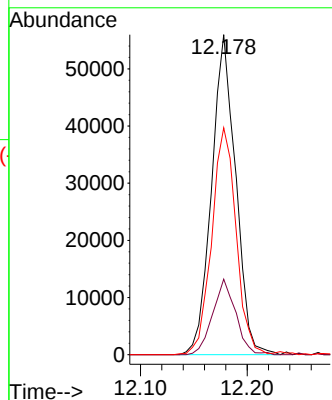
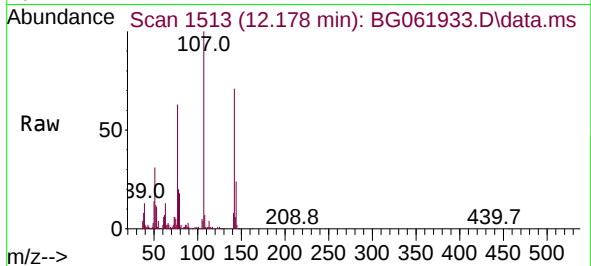




#35
4-Chloro-3-methylphenol
Concen: 21.813 ng/ul
RT: 12.178 min Scan# 1513
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

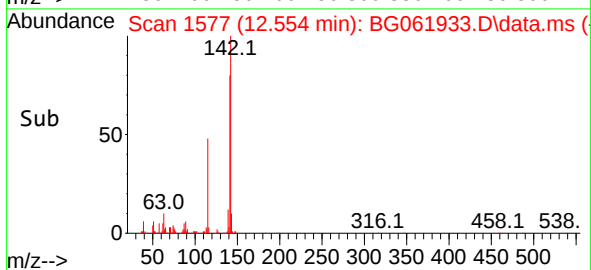
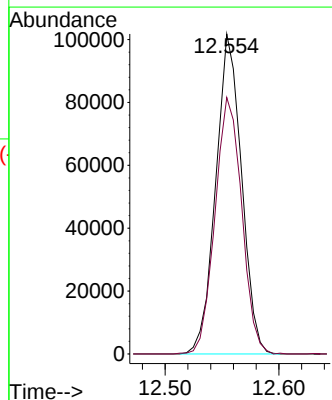
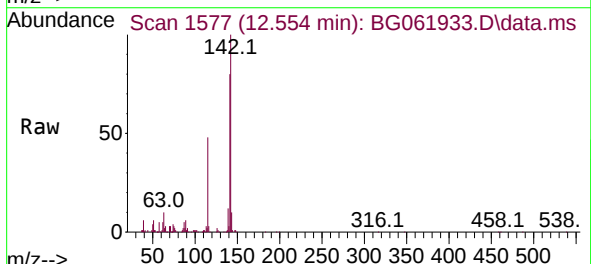
Instrument :
BNA_G
ClientSampleId :
SSTD020558

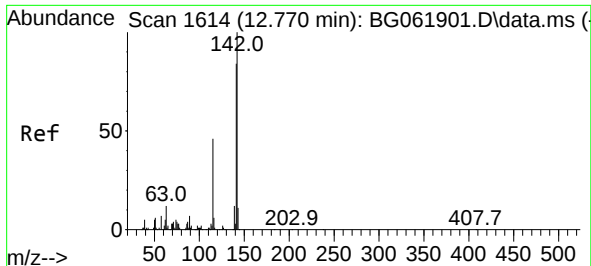
Tgt Ion:107 Resp: 87841
Ion Ratio Lower Upper
107 100
144 23.6 19.6 29.4
142 70.9 60.3 90.5



#36
2-Methylnaphthalene
Concen: 20.967 ng/ul
RT: 12.554 min Scan# 1577
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:142 Resp: 160326
Ion Ratio Lower Upper
142 100
141 80.1 69.4 104.2





#37

1-Methylnaphthalene

Concen: 21.570 ng/ul

RT: 12.771 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

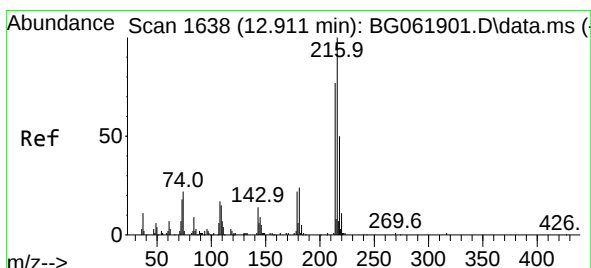
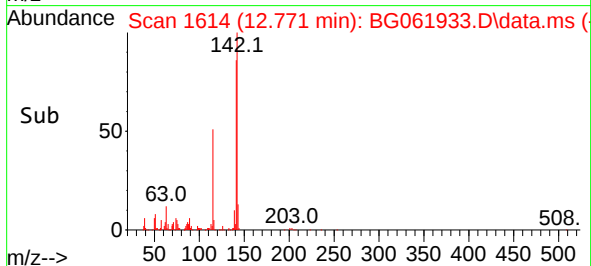
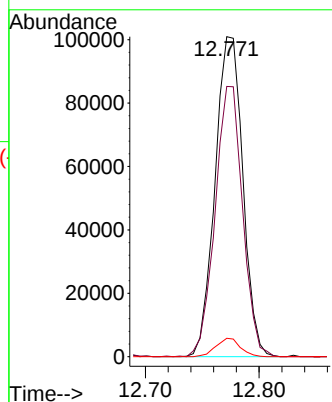
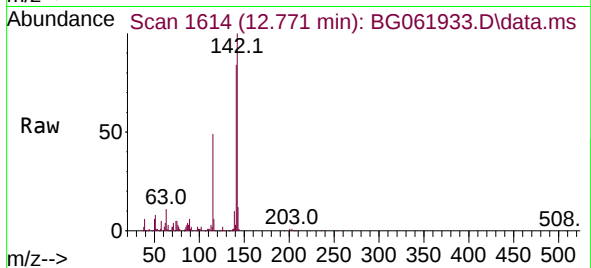
Tgt Ion:142 Resp: 171405

Ion Ratio Lower Upper

142 100

141 84.5 71.4 107.2

116 5.7 3.8 5.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.620 ng/ul

RT: 12.918 min Scan# 1639

Delta R.T. 0.001 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Tgt Ion:216 Resp: 95481

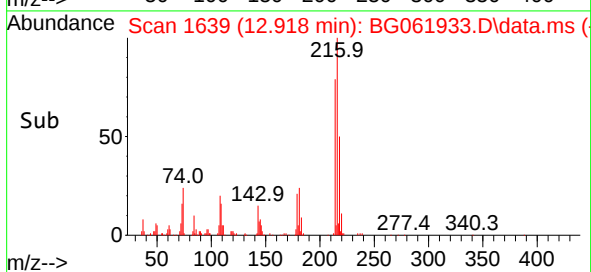
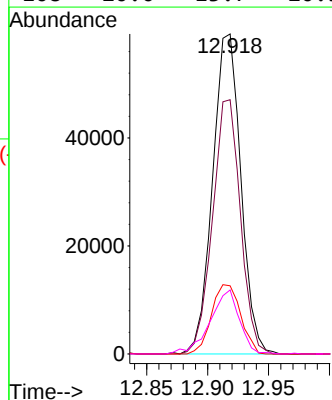
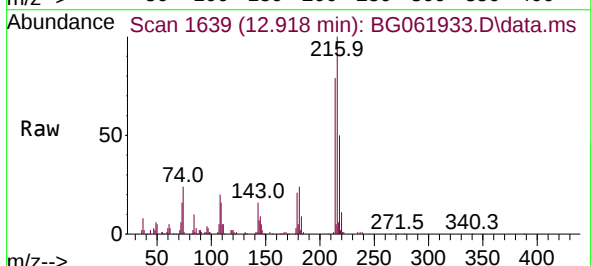
Ion Ratio Lower Upper

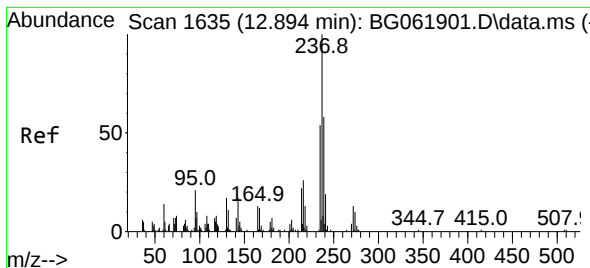
216 100

214 79.5 62.5 93.7

179 21.3 18.6 27.8

108 20.0 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 13.459 ng/ul

RT: 12.889 min Scan# 1634

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

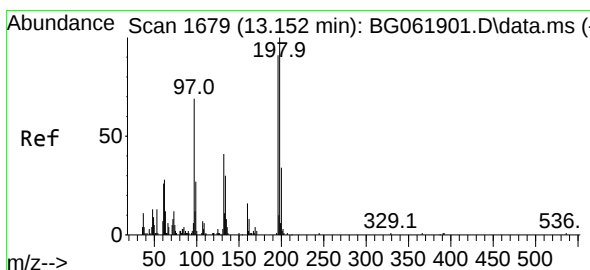
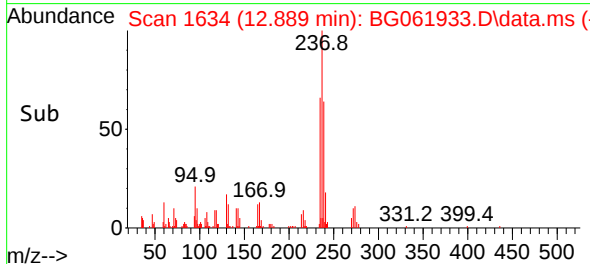
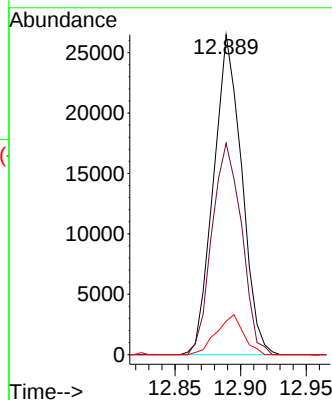
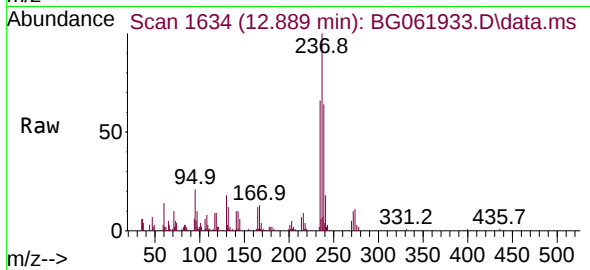
Tgt Ion:237 Resp: 39567

Ion Ratio Lower Upper

237 100

235 71.7 51.7 77.5

272 10.5 12.4 18.6#



#41

2,4,6-Trichlorophenol

Concen: 21.322 ng/ul

RT: 13.153 min Scan# 1679

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

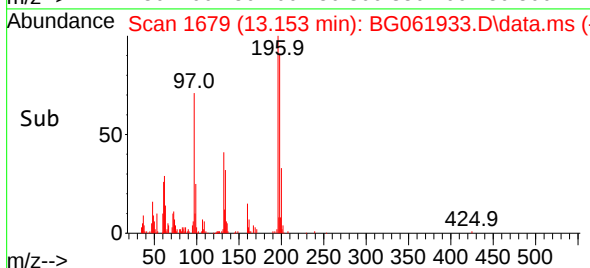
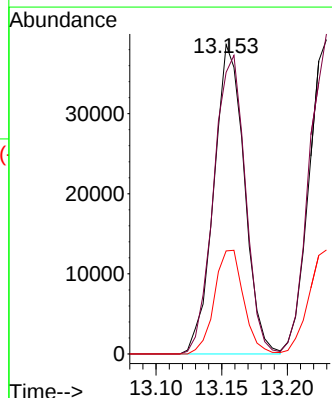
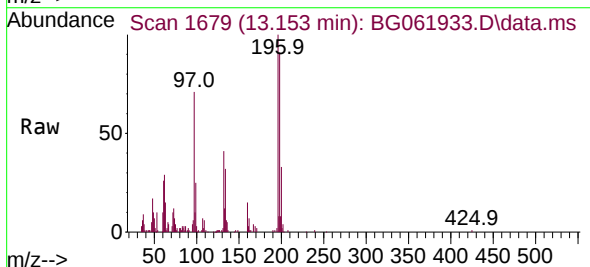
Tgt Ion:196 Resp: 62543

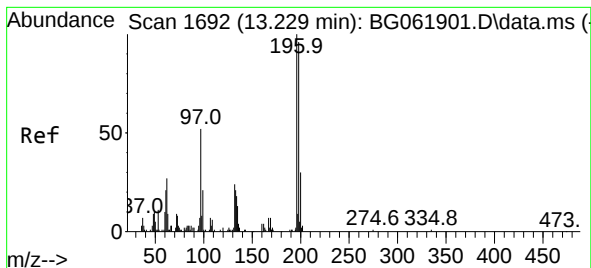
Ion Ratio Lower Upper

196 100

198 91.0 79.9 119.9

200 33.3 26.7 40.1





#42

2,4,5-Trichlorophenol

Concen: 20.457 ng/ul

RT: 13.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

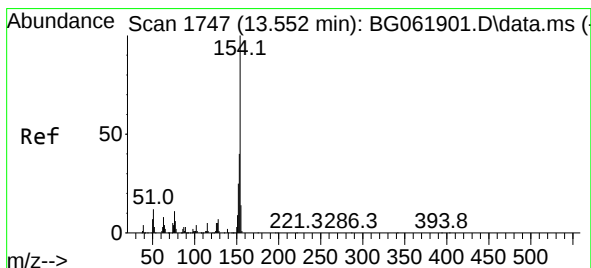
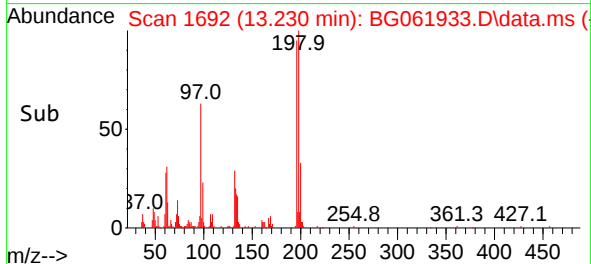
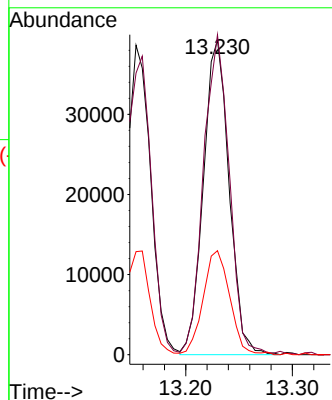
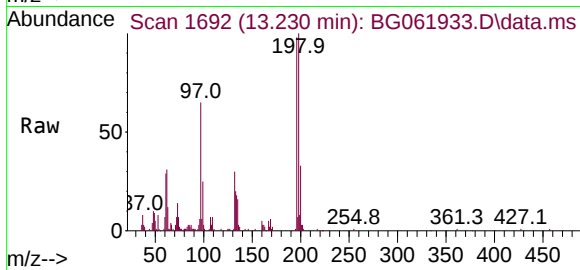
Tgt Ion:196 Resp: 65918

Ion Ratio Lower Upper

196 100

198 101.8 72.5 108.7

200 33.1 23.7 35.5



#43

1,1'-Biphenyl

Concen: 19.360 ng/ul

RT: 13.553 min Scan# 1747

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

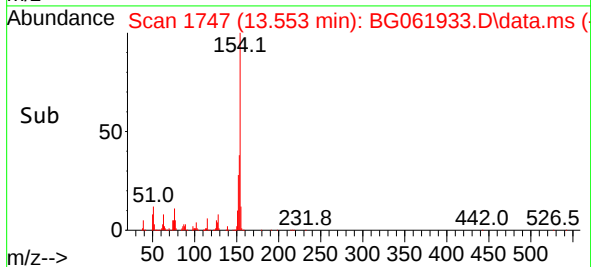
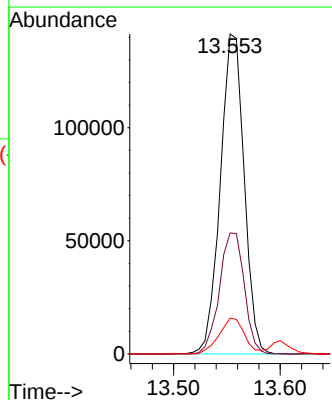
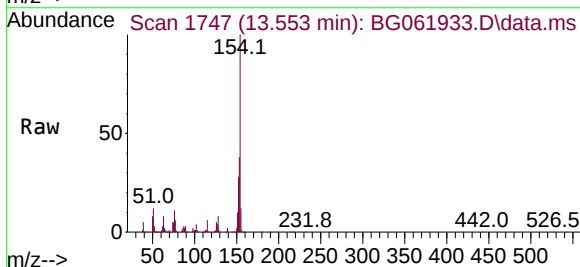
Tgt Ion:154 Resp: 219373

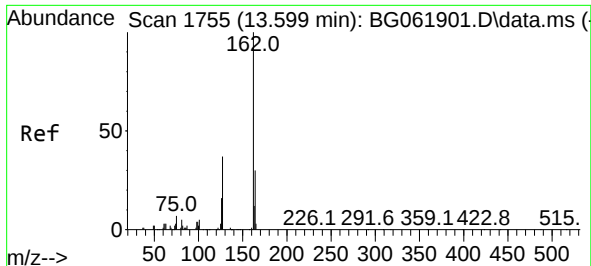
Ion Ratio Lower Upper

154 100

153 37.8 31.7 47.5

76 11.2 10.0 15.0

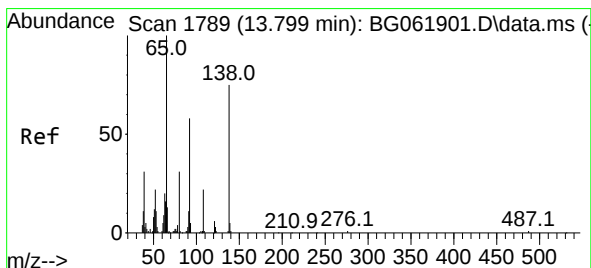
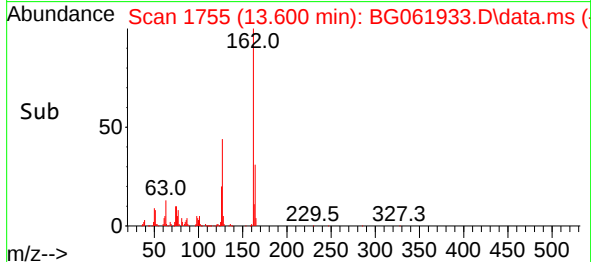
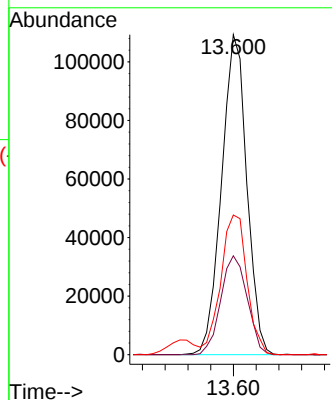
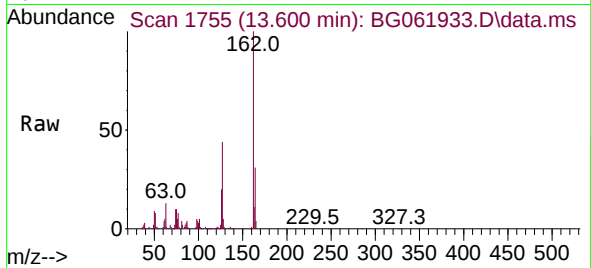




#44
2-Chloronaphthalene
Concen: 19.808 ng/ul
RT: 13.600 min Scan# 1755
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

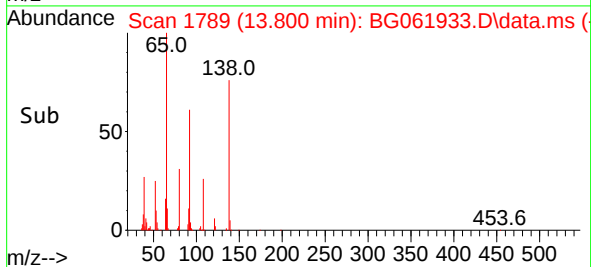
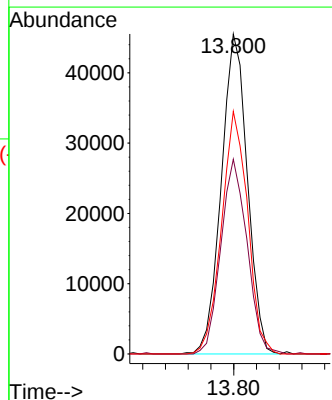
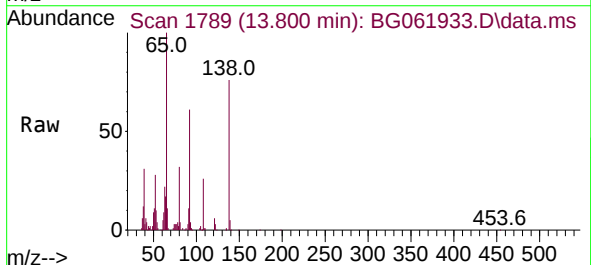
Instrument :
BNA_G
ClientSampleId :
SSTD020558

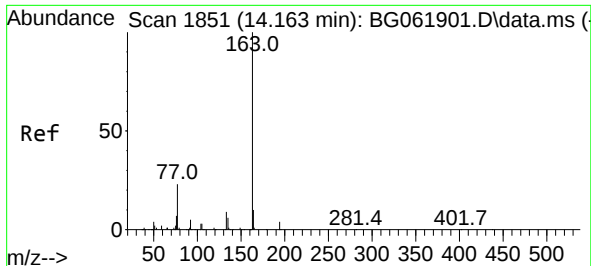
Tgt Ion:162 Resp: 168446
Ion Ratio Lower Upper
162 100
164 30.9 23.3 34.9
127 43.6 33.2 49.8



#45
2-Nitroaniline
Concen: 21.285 ng/ul
RT: 13.800 min Scan# 1789
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion: 65 Resp: 72486
Ion Ratio Lower Upper
65 100
92 60.8 48.2 72.4
138 75.8 56.8 85.2

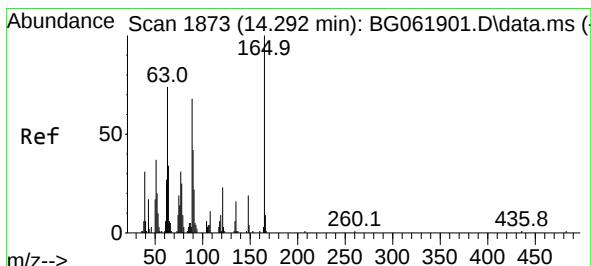
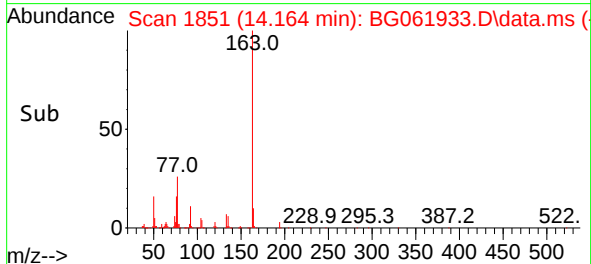
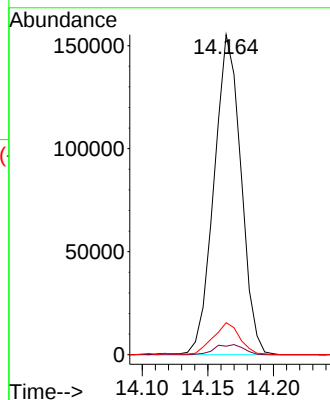
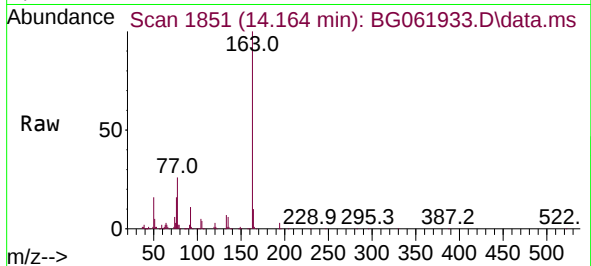




#47
Dimethylphthalate
Concen: 18.990 ng/ul
RT: 14.164 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

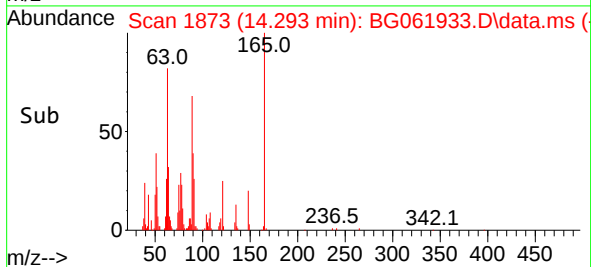
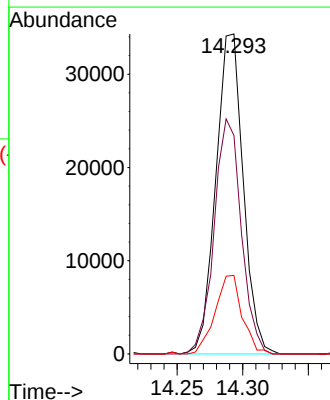
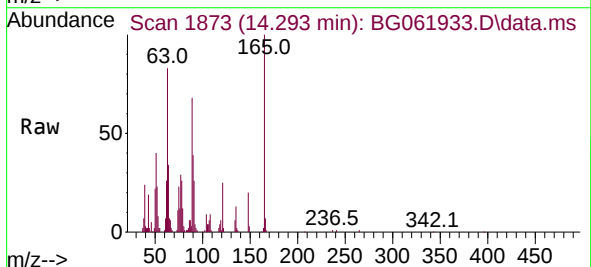
Instrument :
BNA_G
ClientSampleId :
SSTD020558

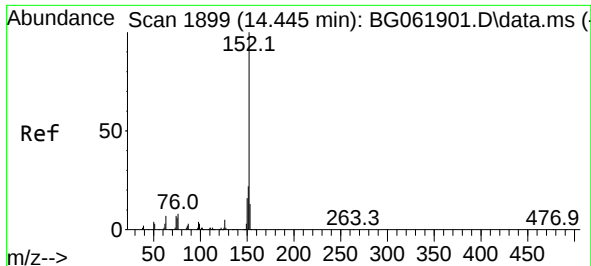
Tgt Ion:163 Resp: 220844
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 22.583 ng/ul
RT: 14.293 min Scan# 1873
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:165 Resp: 49821
Ion Ratio Lower Upper
165 100
89 68.3 62.6 93.8
121 24.6 18.4 27.6

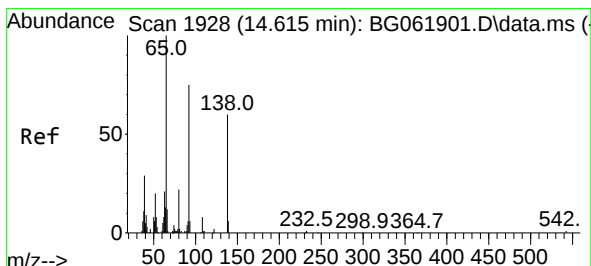
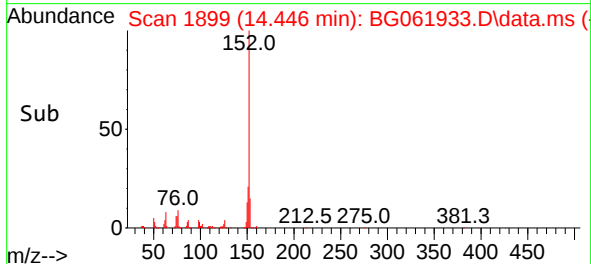
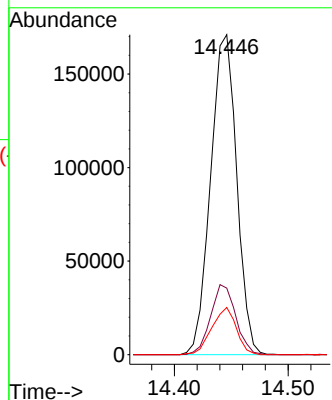
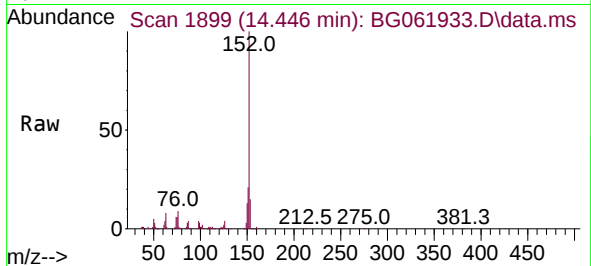




#50
Acenaphthylene
Concen: 19.636 ng/ul
RT: 14.446 min Scan# 1899
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

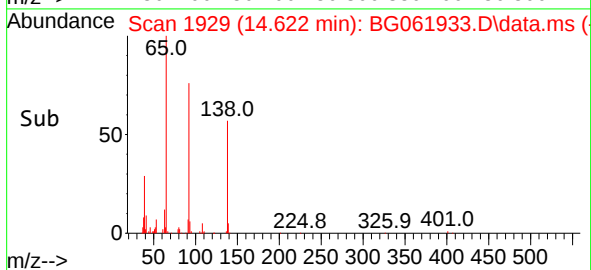
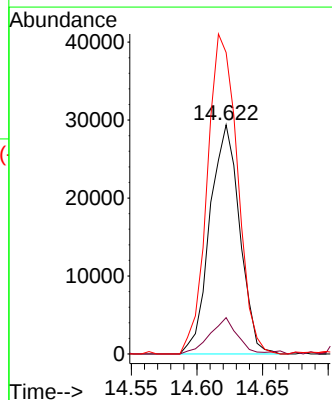
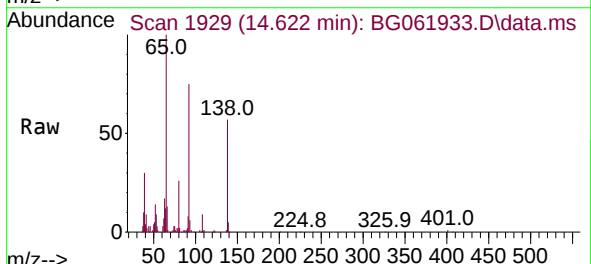
Instrument :
BNA_G
ClientSampleId :
SSTD020558

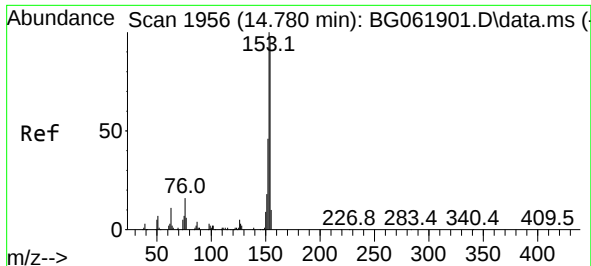
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7
153	14.7	11.4	17.0



#51
3-Nitroaniline
Concen: 21.684 ng/ul
RT: 14.622 min Scan# 1929
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion	Ratio	Lower	Upper
138	100		
108	15.8	12.3	18.5
92	131.6	116.3	174.5

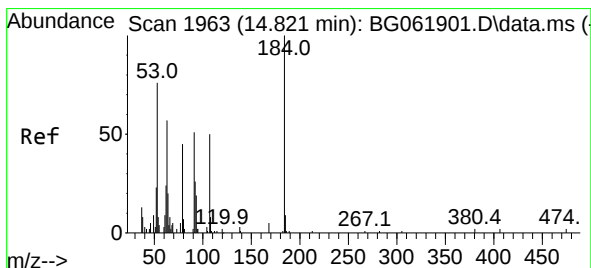
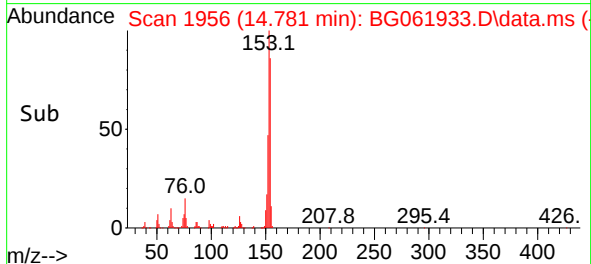
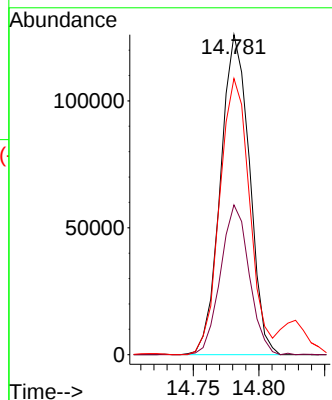
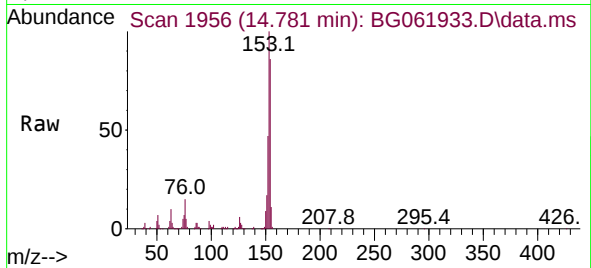




#52
Acenaphthene
Concen: 20.126 ng/ul
RT: 14.781 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

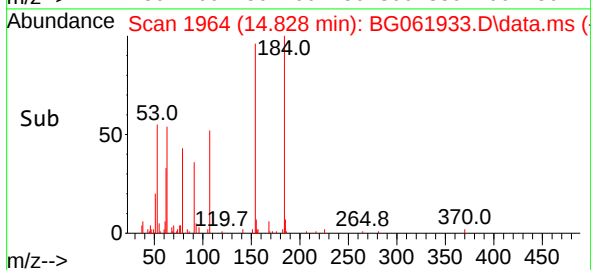
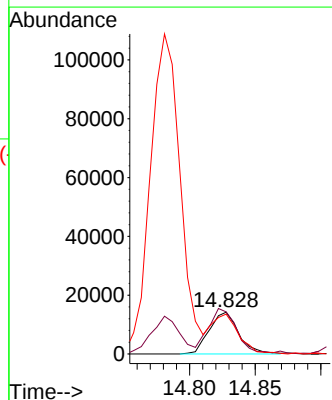
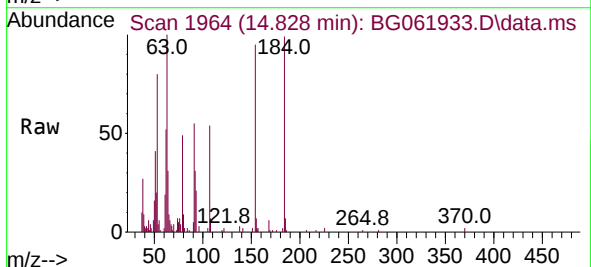
Instrument :
BNA_G
ClientSampleId :
SSTD020558

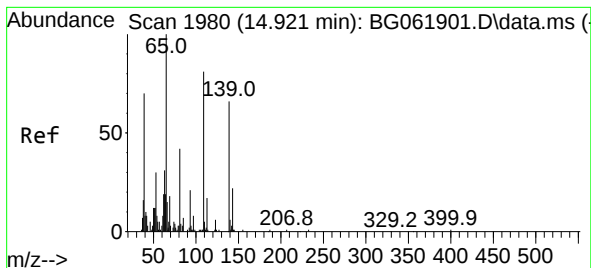
Tgt Ion:153 Resp: 192832
Ion Ratio Lower Upper
153 100
152 46.8 37.2 55.8
154 86.3 75.0 112.6



#53
2,4-Dinitrophenol
Concen: 19.214 ng/ul
RT: 14.828 min Scan# 1964
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:184 Resp: 22146
Ion Ratio Lower Upper
184 100
63 101.0 83.6 125.4
154 95.6 66.8 100.2

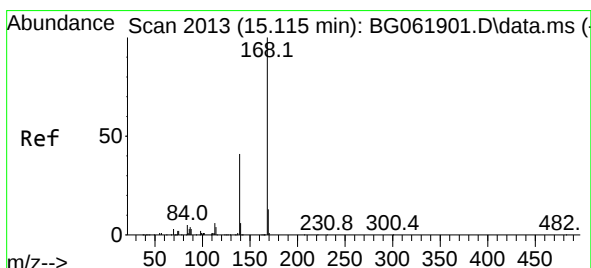
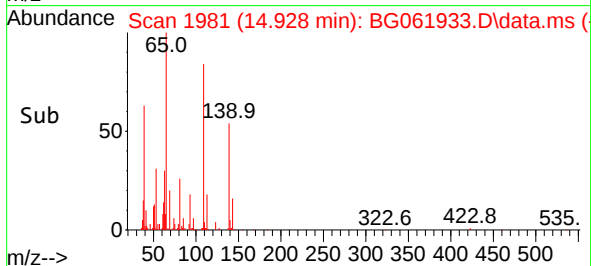
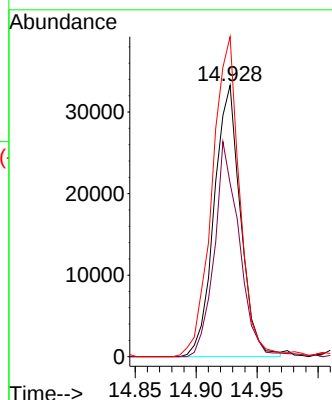
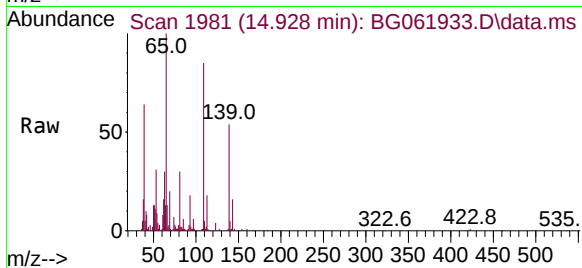




#55
4-Nitrophenol
Concen: 22.767 ng/ul
RT: 14.928 min Scan# 1980
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

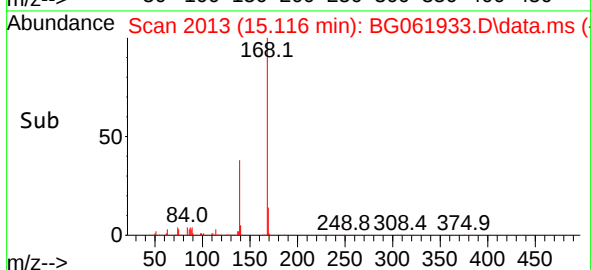
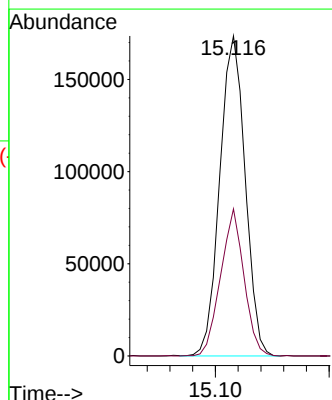
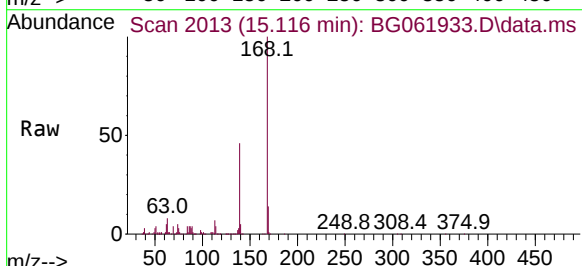
Instrument :
BNA_G
ClientSampleId :
SSTD020558

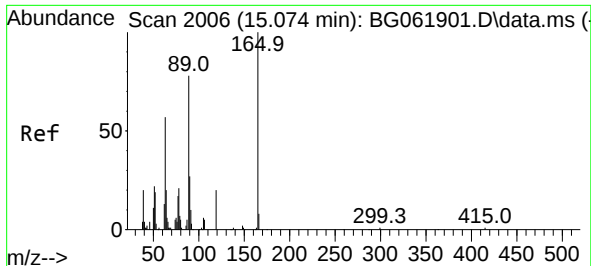
Tgt Ion:109 Resp: 50170
Ion Ratio Lower Upper
109 100
139 63.8 67.4 101.2#
65 117.9 102.1 153.1



#56
Dibenzofuran
Concen: 19.849 ng/ul
RT: 15.116 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:168 Resp: 268787
Ion Ratio Lower Upper
168 100
139 46.0 31.0 46.4





#57

2,4-Dinitrotoluene

Concen: 22.725 ng/ul

RT: 15.075 min Scan# 2006

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

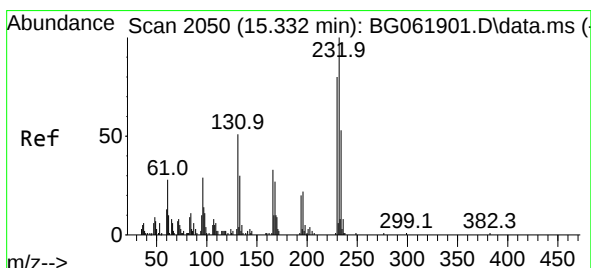
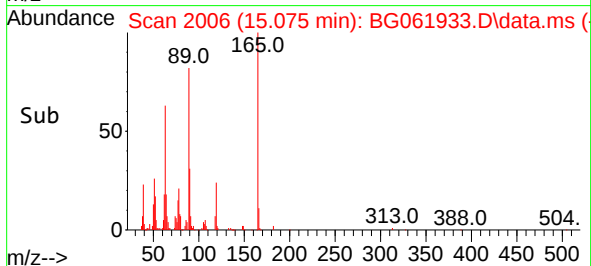
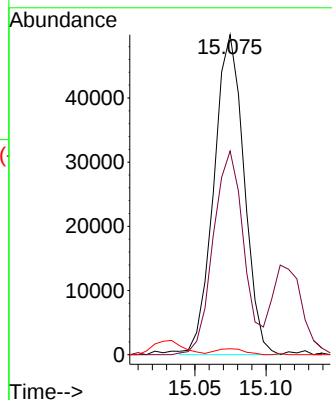
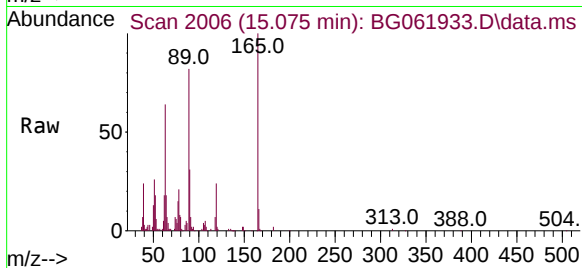
Tgt Ion:165 Resp: 73524

Ion Ratio Lower Upper

165 100

63 63.6 44.9 67.3

182 1.9 2.6 3.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.757 ng/ul

RT: 15.333 min Scan# 2050

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Tgt Ion:232 Resp: 60395

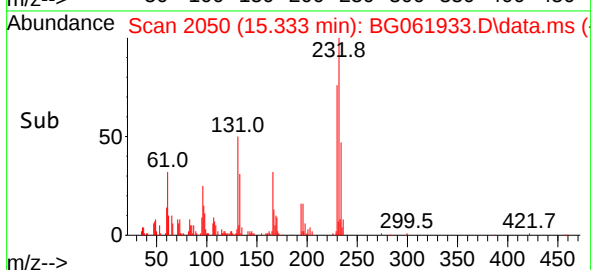
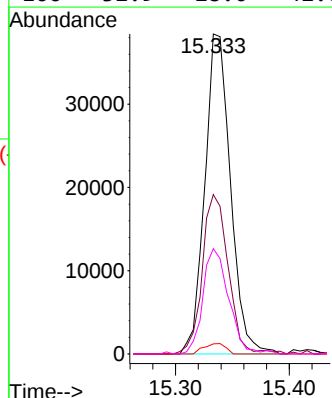
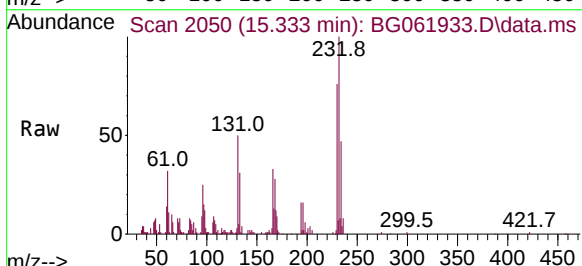
Ion Ratio Lower Upper

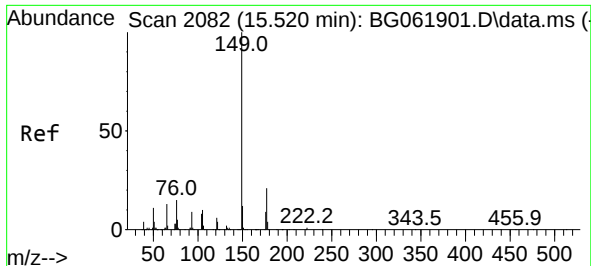
232 100

131 49.8 35.8 53.8

130 3.2 2.0 3.0#

166 32.9 28.0 42.0

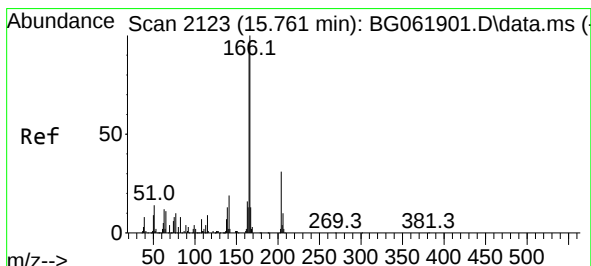
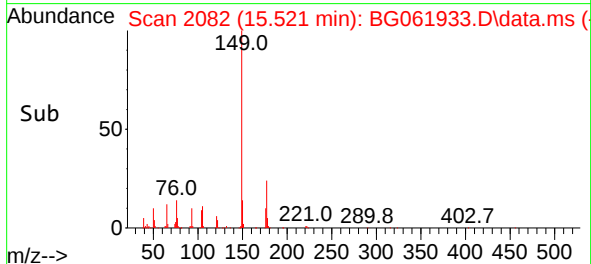
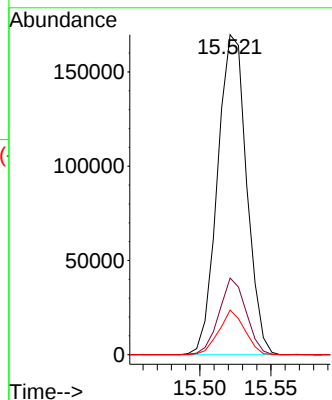
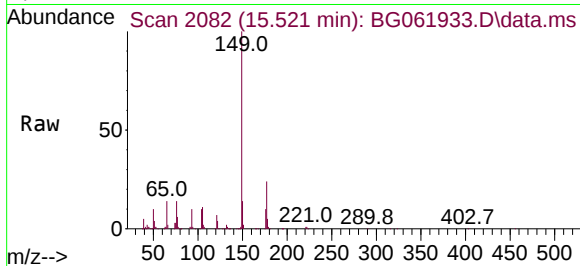




#59
Diethylphthalate
Concen: 19.285 ng/ul
RT: 15.521 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

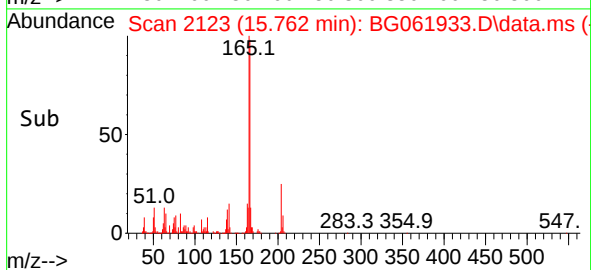
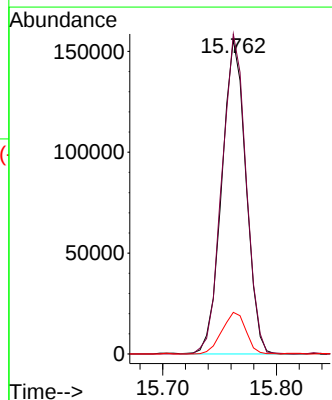
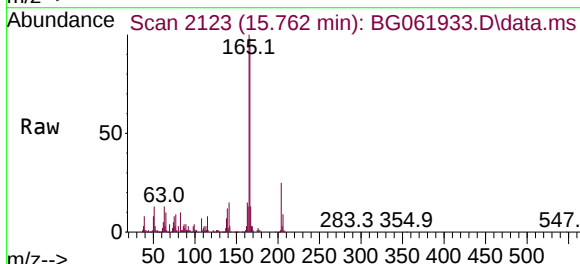
Instrument :
BNA_G
ClientSampleId :
SSTD020558

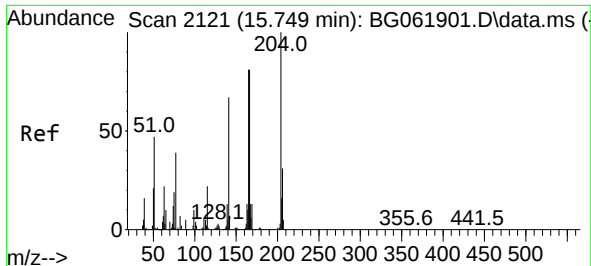
Tgt Ion:149 Resp: 241675
Ion Ratio Lower Upper
149 100
177 23.9 16.3 24.5
150 13.9 9.6 14.4



#61
Fluorene
Concen: 19.957 ng/ul
RT: 15.762 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:166 Resp: 229825
Ion Ratio Lower Upper
166 100
165 101.8 78.4 117.6
167 13.2 10.4 15.6

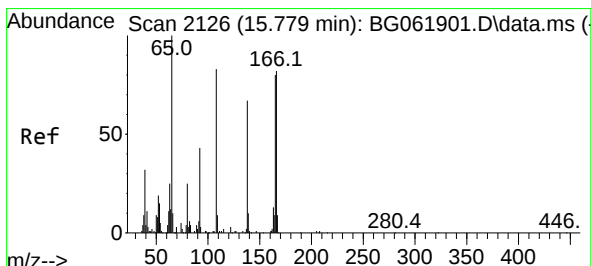
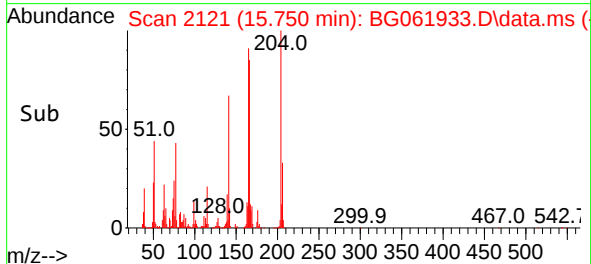
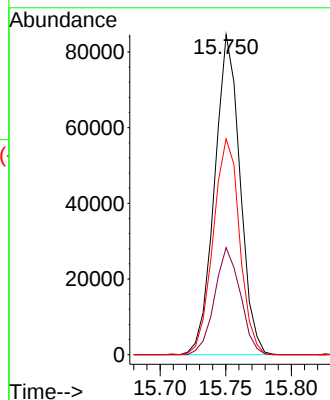
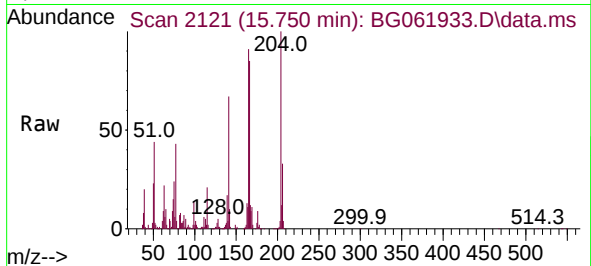




#62
4-Chlorophenyl-phenylether
Concen: 19.697 ng/ul
RT: 15.750 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

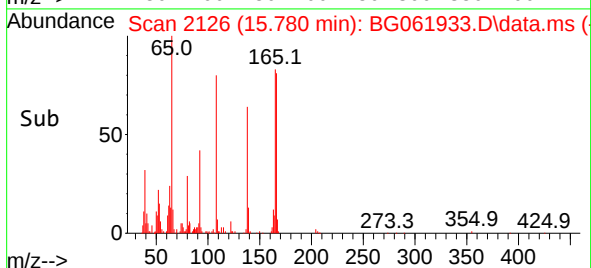
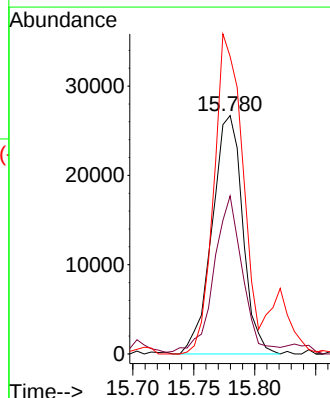
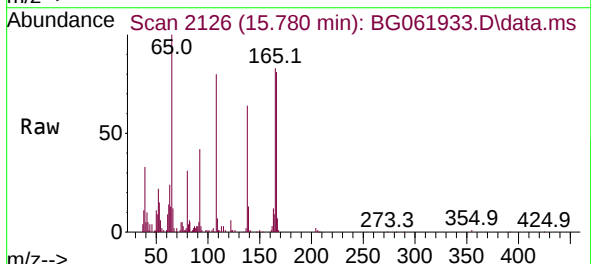
Instrument :
BNA_G
ClientSampleId :
SSTD020558

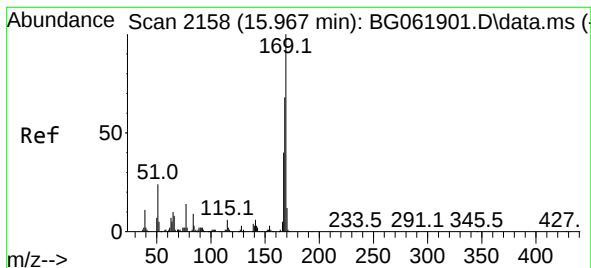
Tgt Ion:204 Resp: 113938
Ion Ratio Lower Upper
204 100
206 33.5 24.5 36.7
141 67.4 46.6 69.8



#63
4-Nitroaniline
Concen: 21.374 ng/ul
RT: 15.780 min Scan# 2126
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:138 Resp: 46574
Ion Ratio Lower Upper
138 100
92 66.3 52.3 78.5
108 124.8 94.1 141.1





#67

N-Nitrosodiphenylamine

Concen: 21.179 ng/ul

RT: 15.968 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

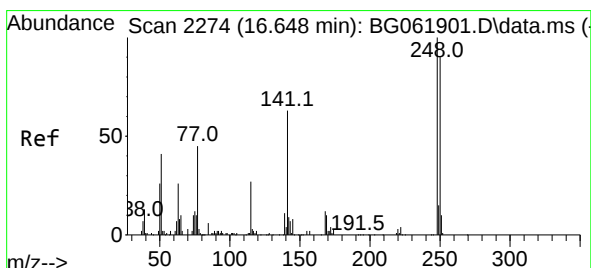
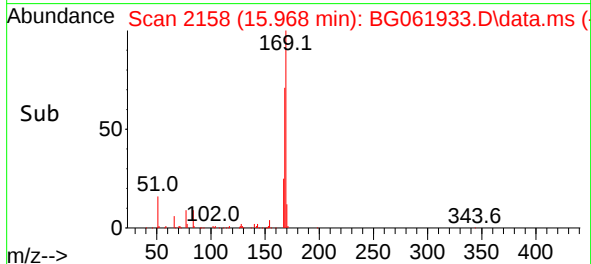
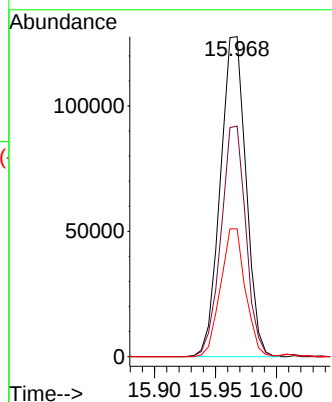
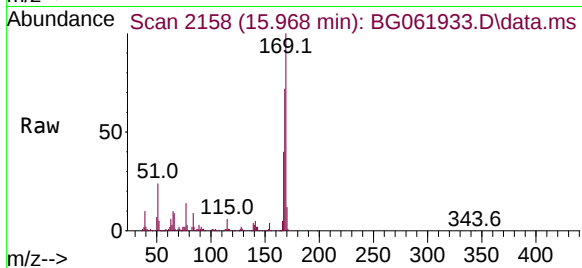
Tgt Ion:169 Resp: 186882

Ion Ratio Lower Upper

169 100

168 72.1 55.6 83.4

167 40.0 29.8 44.8



#68

4-Bromophenyl-phenylether

Concen: 22.519 ng/ul

RT: 16.643 min Scan# 2273

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

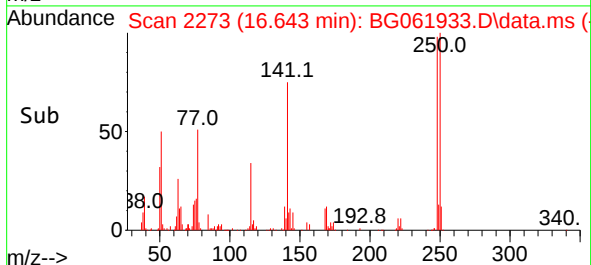
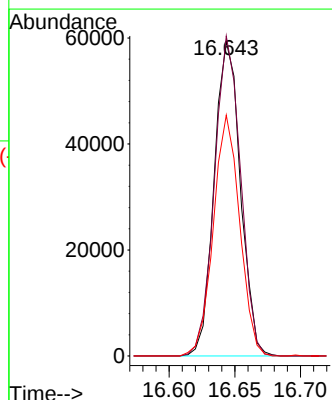
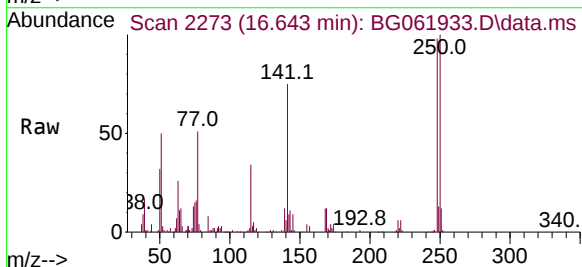
Tgt Ion:248 Resp: 82547

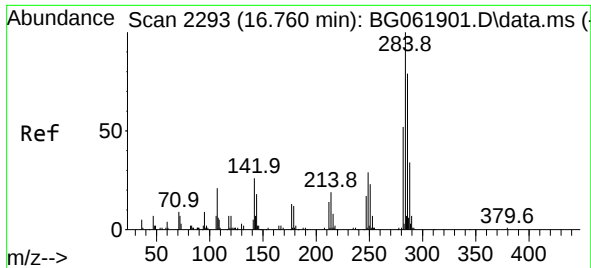
Ion Ratio Lower Upper

248 100

250 101.8 77.2 115.8

141 76.7 57.8 86.8

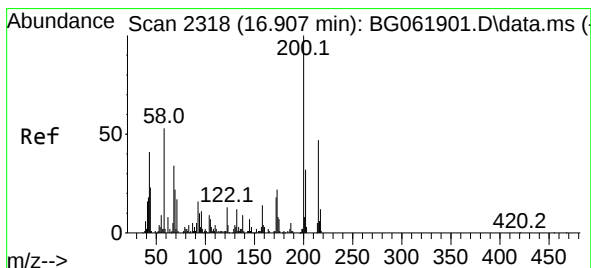
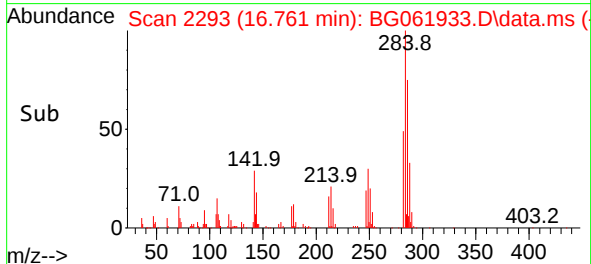
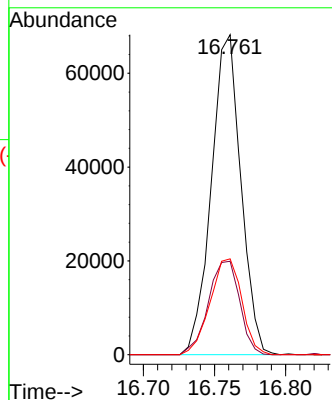
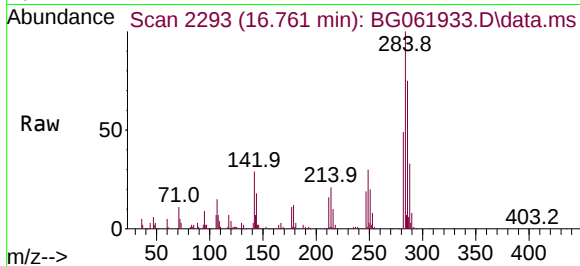




#69
Hexachlorobenzene
Concen: 23.411 ng/ul
RT: 16.761 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

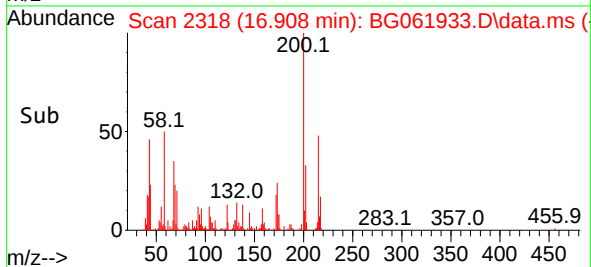
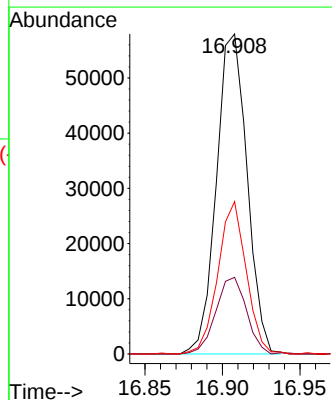
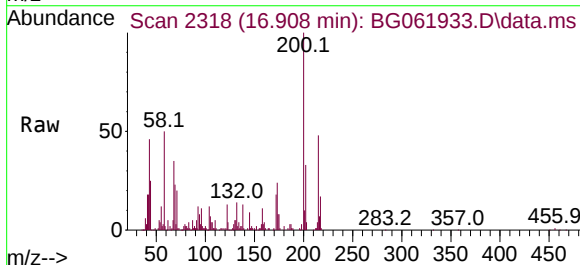
Instrument :
BNA_G
ClientSampleId :
SSTD020558

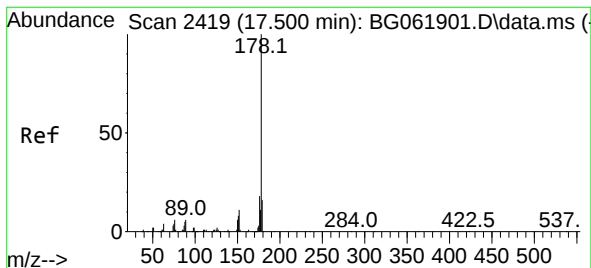
Tgt Ion:284 Resp: 98677
Ion Ratio Lower Upper
284 100
142 29.2 26.4 39.6
249 32.4 27.2 40.8



#70
Atrazine
Concen: 22.906 ng/ul
RT: 16.908 min Scan# 2318
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:200 Resp: 79788
Ion Ratio Lower Upper
200 100
173 23.9 18.7 28.1
215 47.6 37.8 56.6

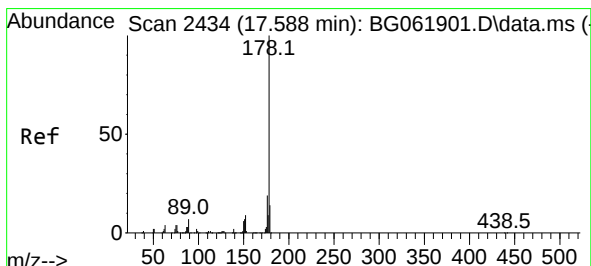
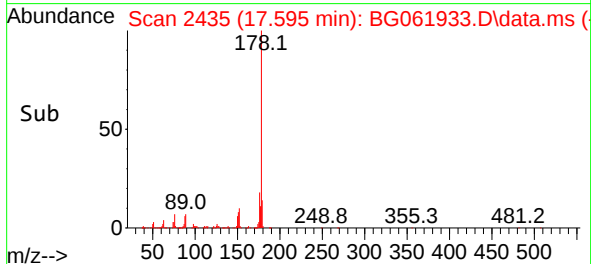
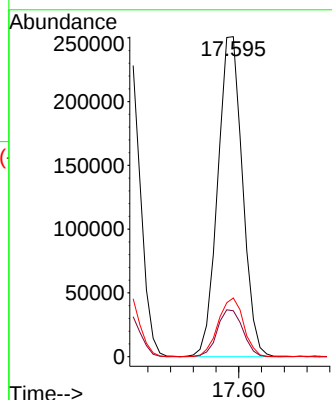
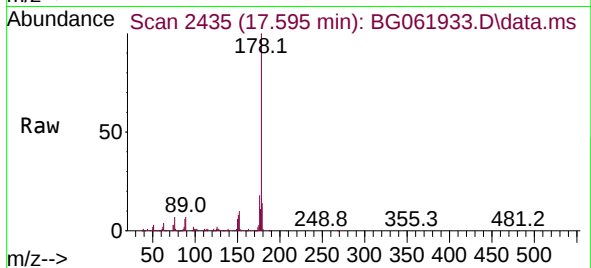




#72
Phenanthrene
Concen: 22.304 ng/u1
RT: 17.595 min Scan# 2419
Delta R.T. 0.089 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

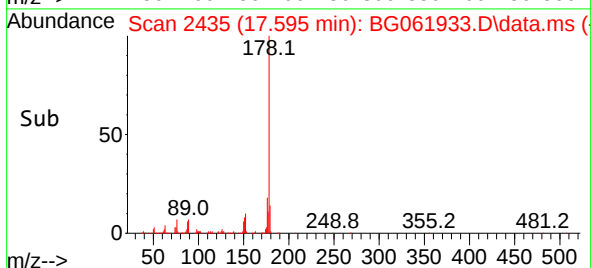
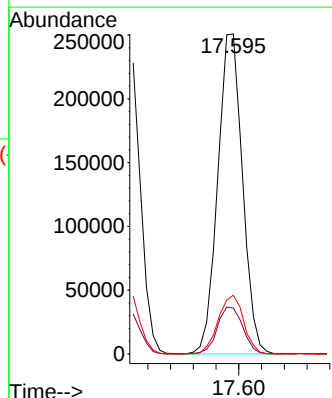
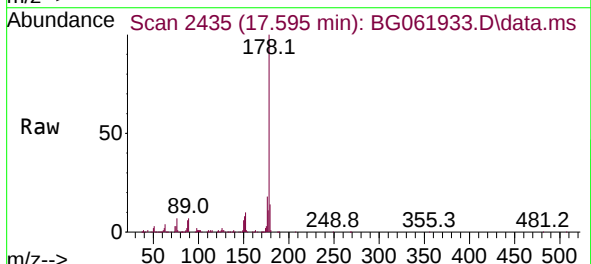
Instrument :
BNA_G
ClientSampleId :
SSTD020558

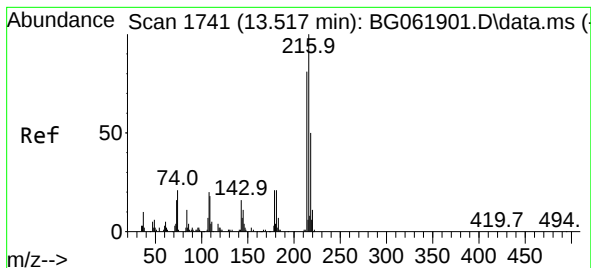
Tgt Ion:178 Resp: 379997
Ion Ratio Lower Upper
178 100
179 14.4 11.9 17.9
176 18.3 15.5 23.3



#74
Anthracene
Concen: 21.582 ng/u1
RT: 17.595 min Scan# 2435
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:178 Resp: 379997
Ion Ratio Lower Upper
178 100
179 14.4 11.9 17.9
176 18.3 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.579 ng/ul

RT: 13.518 min Scan# 1741

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

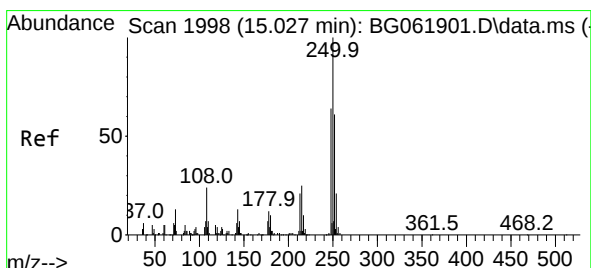
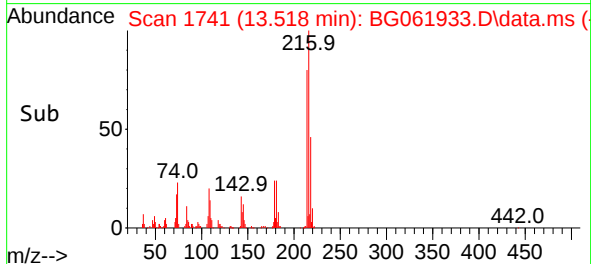
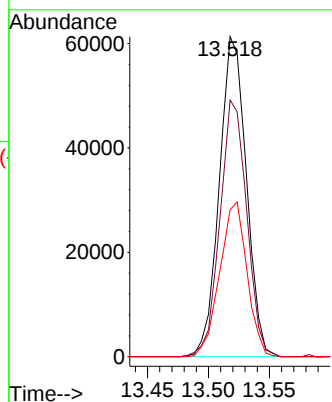
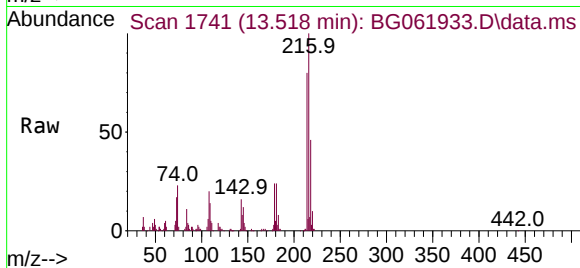
Tgt Ion:216 Resp: 94623

Ion Ratio Lower Upper

216 100

214 80.2 61.7 92.5

218 46.0 35.7 53.5



#76

Pentachlorobenzene

Concen: 23.810 ng/ul

RT: 15.028 min Scan# 1998

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

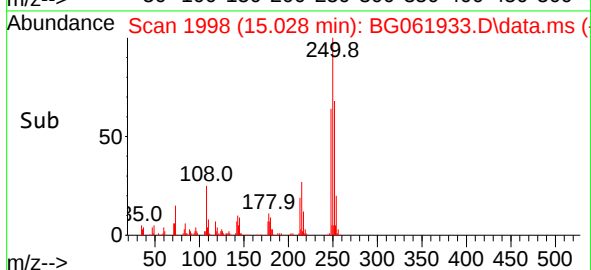
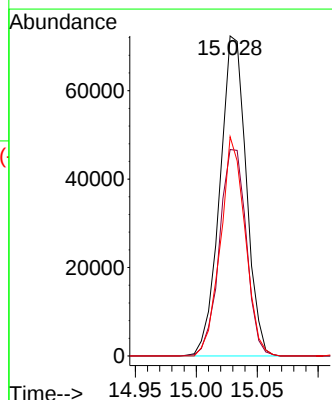
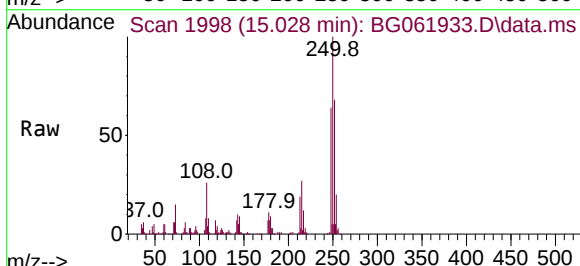
Tgt Ion:250 Resp: 108981

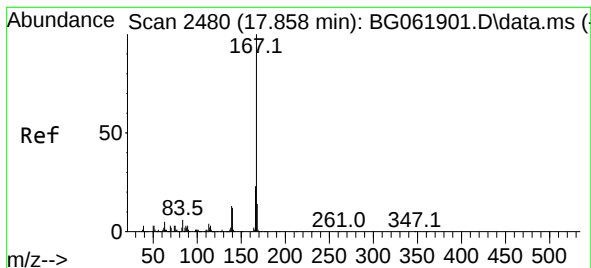
Ion Ratio Lower Upper

250 100

248 64.5 47.5 71.3

252 68.5 50.0 75.0





#77

Carbazole

Concen: 21.500 ng/ul

RT: 17.860 min Scan# 2480

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

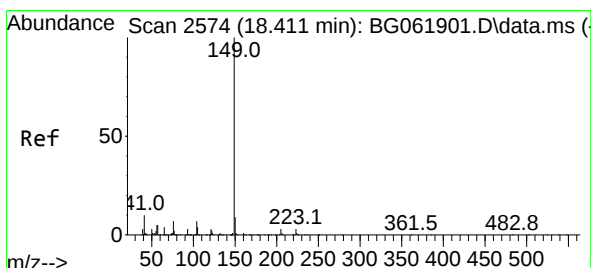
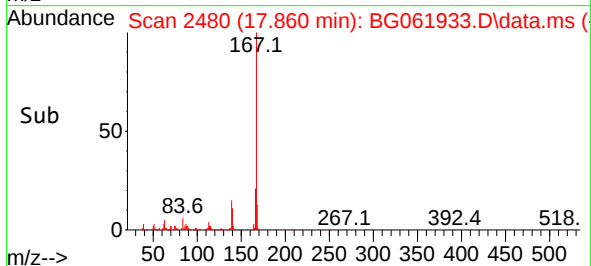
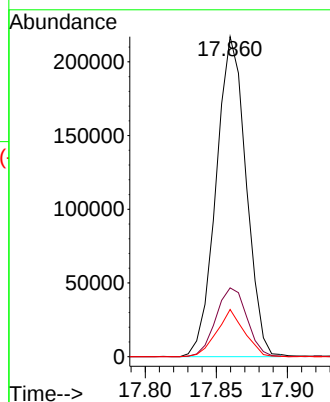
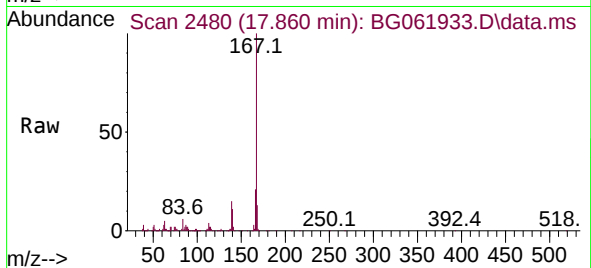
Instrument :

BNA_G

ClientSampleId :

SSTD020558

Tgt Ion:167	Resp:	318574	
Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	14.7	9.6	14.4#



#78

Di-n-butylphthalate

Concen: 20.988 ng/ul

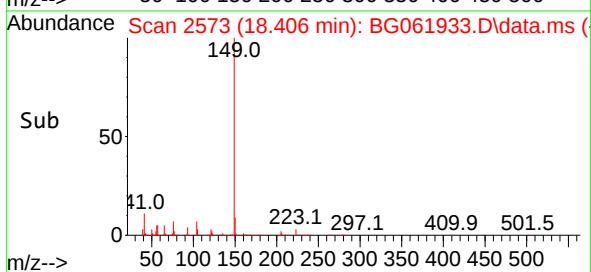
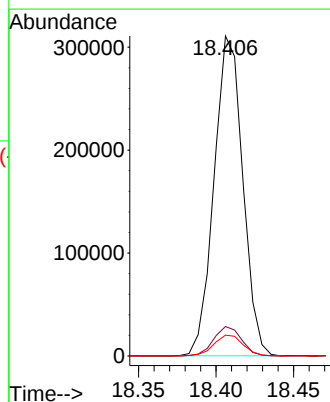
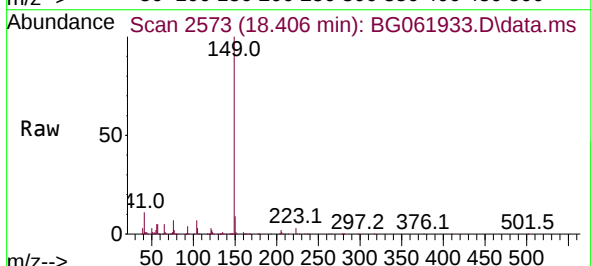
RT: 18.406 min Scan# 2573

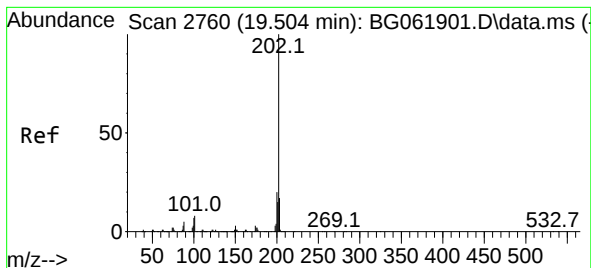
Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Tgt Ion:149	Resp:	399267	
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	6.5	5.0	7.4





#80

Fluoranthene

Concen: 19.685 ng/ul

RT: 19.505 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

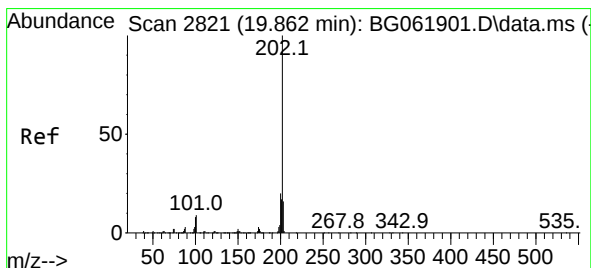
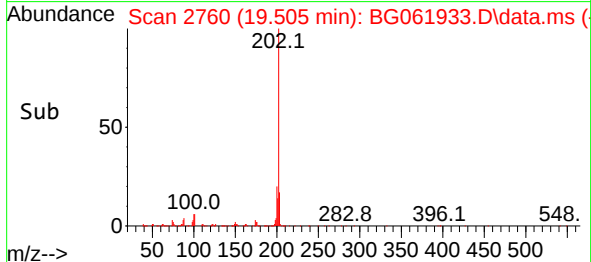
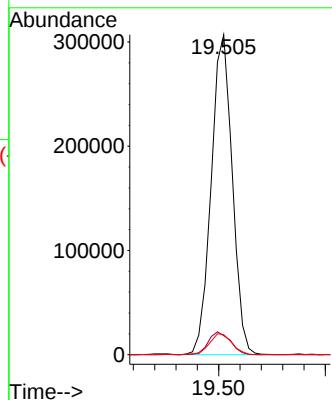
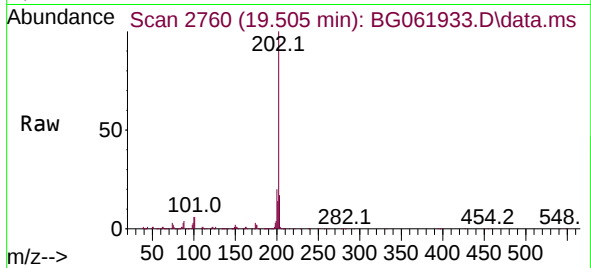
Tgt Ion:202 Resp: 420596

Ion Ratio Lower Upper

202 100

101 5.9 7.4 11.2#

100 6.2 6.6 10.0#



#82

Pyrene

Concen: 19.764 ng/ul

RT: 19.863 min Scan# 2821

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

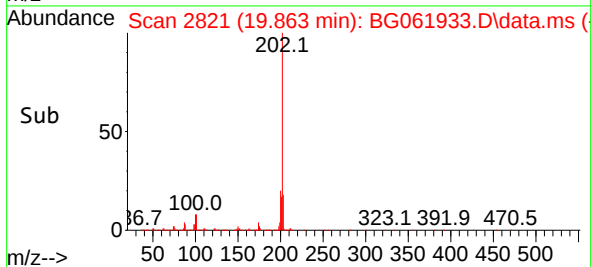
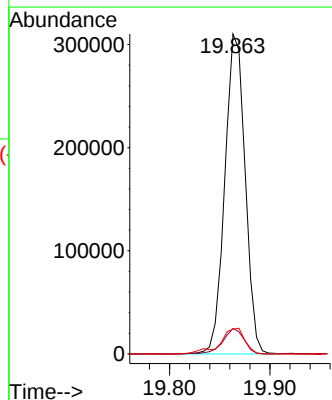
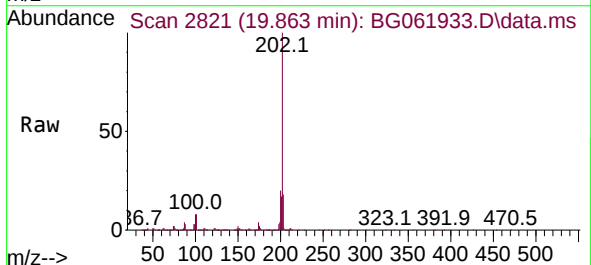
Tgt Ion:202 Resp: 436197

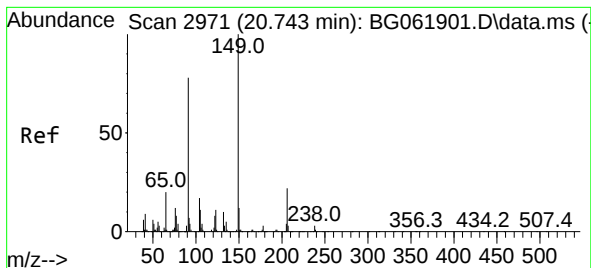
Ion Ratio Lower Upper

202 100

101 8.0 8.8 13.2#

100 7.8 7.6 11.4





#83

Butylbenzylphthalate

Concen: 19.072 ng/ul

RT: 20.739 min Scan# 2971

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

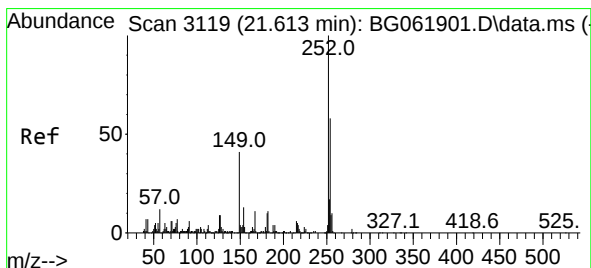
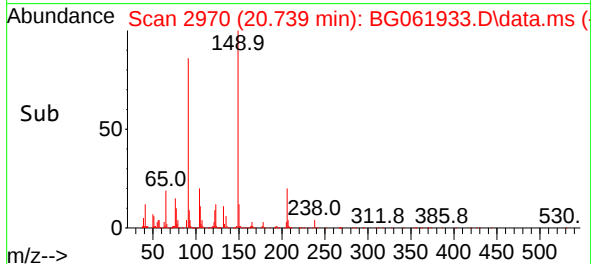
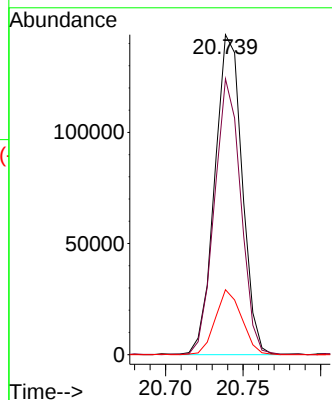
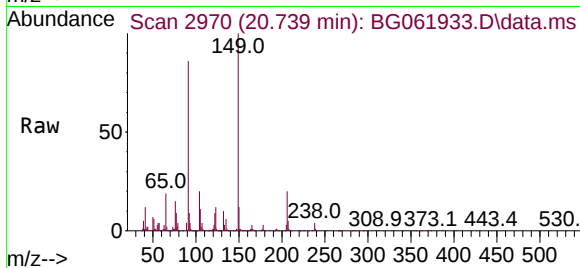
Tgt Ion:149 Resp: 176651

Ion Ratio Lower Upper

149 100

91 86.2 60.6 91.0

206 20.3 14.6 21.8



#84

3,3'-Dichlorobenzidine

Concen: 22.178 ng/ul

RT: 21.608 min Scan# 3118

Delta R.T. -0.011 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

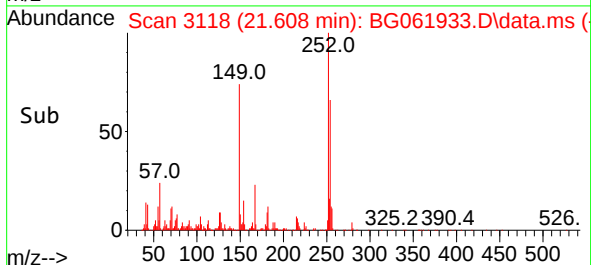
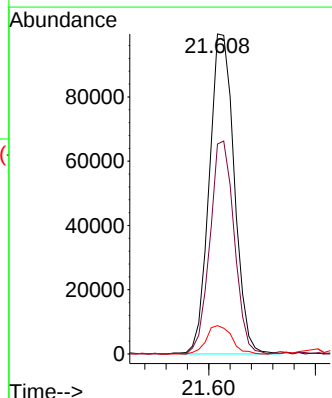
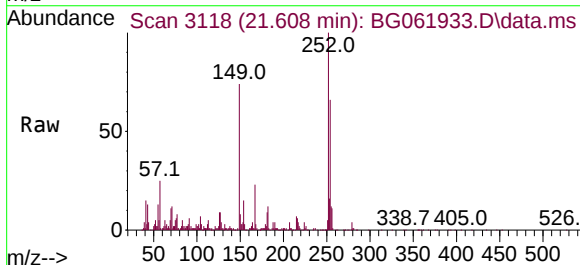
Tgt Ion:252 Resp: 161950

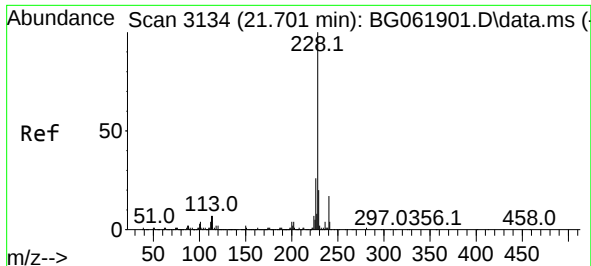
Ion Ratio Lower Upper

252 100

254 65.6 52.8 79.2

126 8.8 6.6 10.0

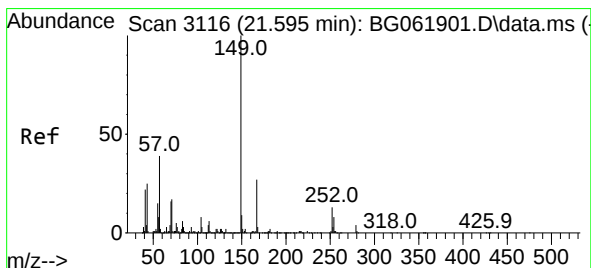
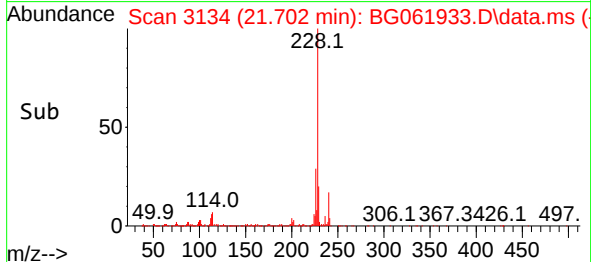
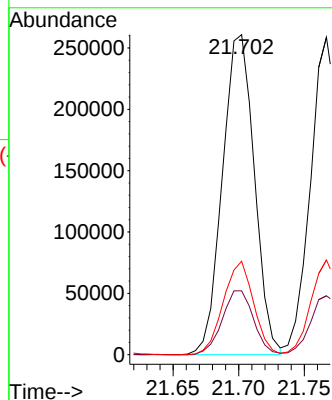
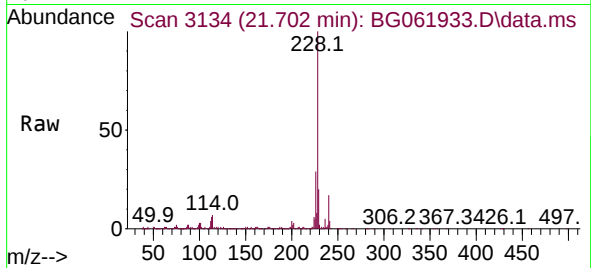




#85
Benzo(a)anthracene
Concen: 19.871 ng/ul
RT: 21.702 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

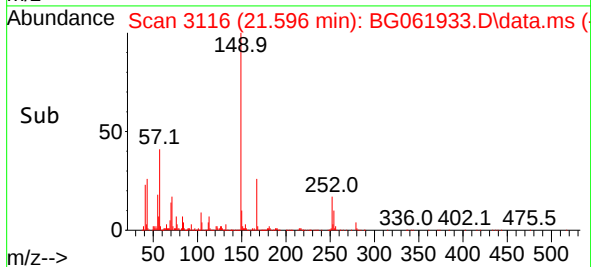
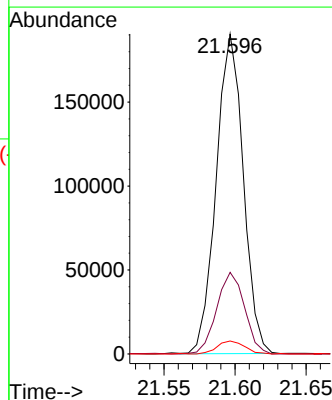
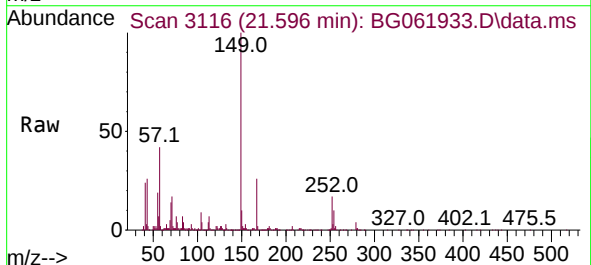
Instrument :
BNA_G
ClientSampleId :
SSTD020558

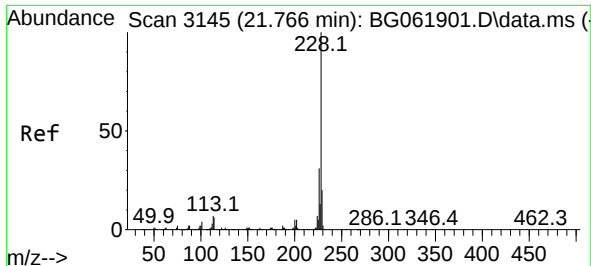
Tgt Ion:228 Resp: 441613
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 29.2 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 18.984 ng/ul
RT: 21.596 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:149 Resp: 252320
Ion Ratio Lower Upper
149 100
167 25.5 21.7 32.5
279 4.1 2.8 4.2

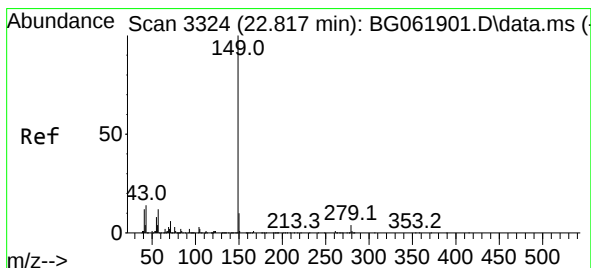
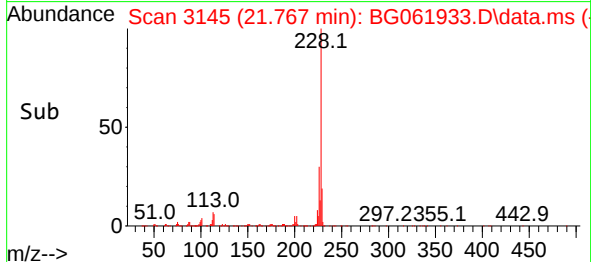
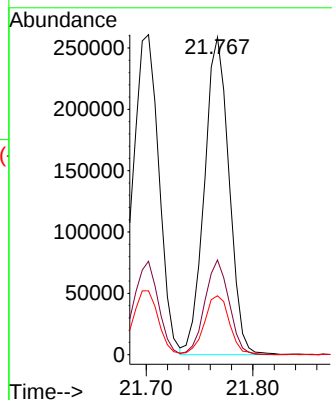
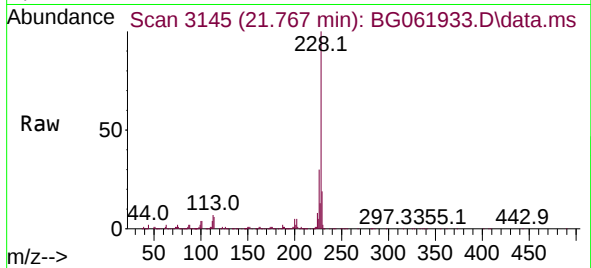




#87
 Chrysene
 Concen: 19.987 ng/ul
 RT: 21.767 min Scan# 3145
 Delta R.T. -0.005 min
 Lab File: BG061933.D
 Acq: 6 Jul 2024 17:26

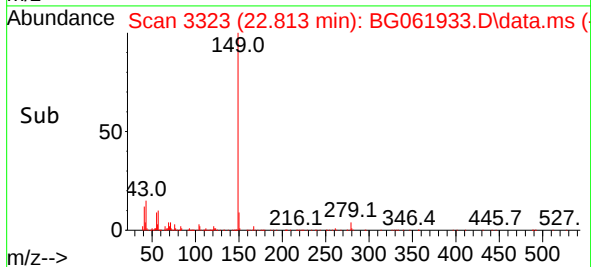
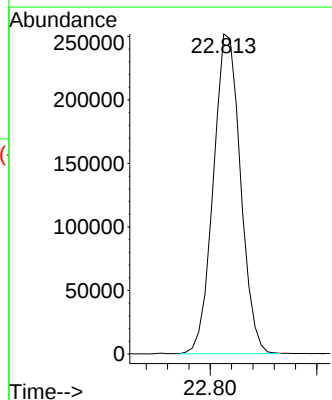
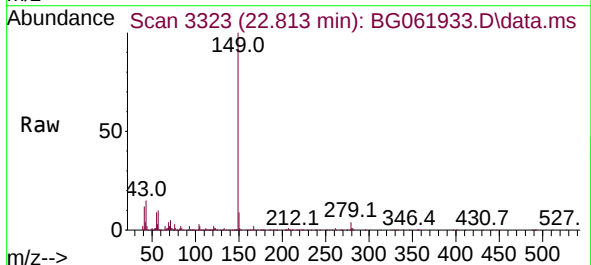
Instrument :
 BNA_G
 ClientSampleId :
 SST020558

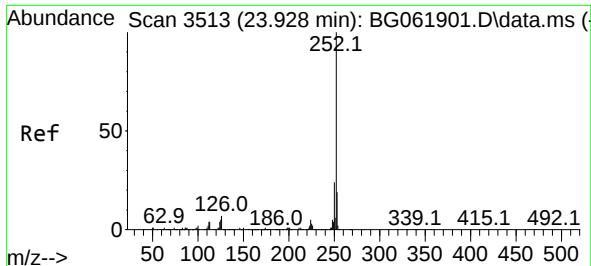
Tgt Ion:228 Resp: 415820
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.3 34.9
 229 18.6 15.5 23.3



#89
 Di-n-octyl phthalate
 Concen: 20.072 ng/ul
 RT: 22.813 min Scan# 3323
 Delta R.T. -0.011 min
 Lab File: BG061933.D
 Acq: 6 Jul 2024 17:26

Tgt Ion:149 Resp: 444428

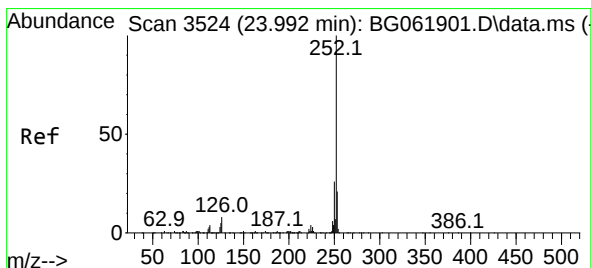
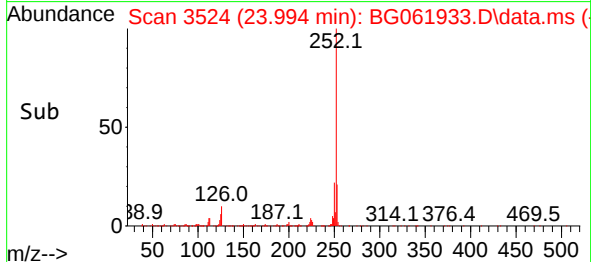
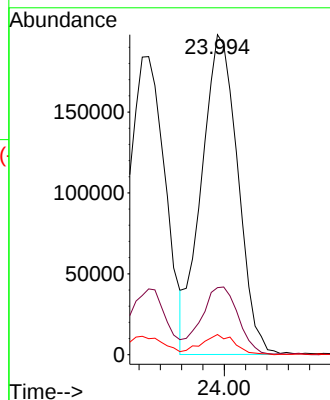
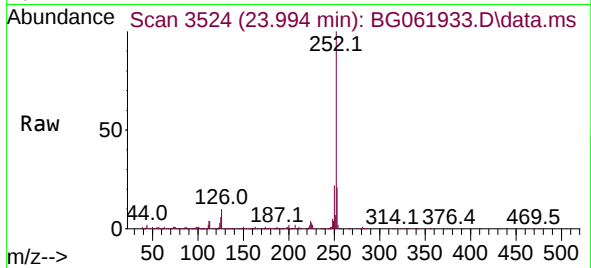




#90
Benzo(b)fluoranthene
Concen: 20.487 ng/ul
RT: 23.994 min Scan# 3513
Delta R.T. 0.059 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

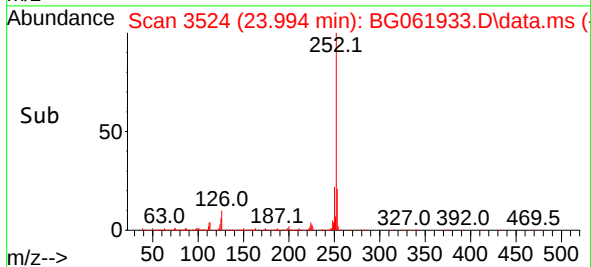
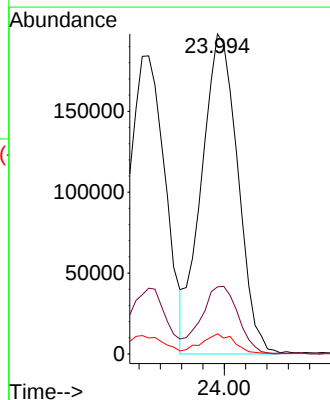
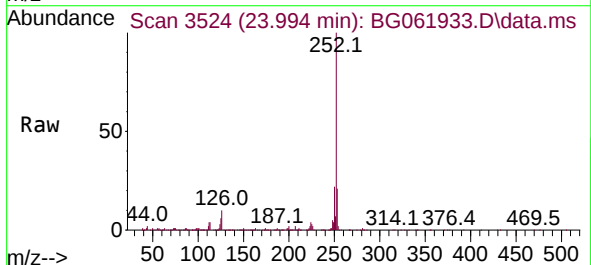
Instrument :
BNA_G
ClientSampleId :
SSTD020558

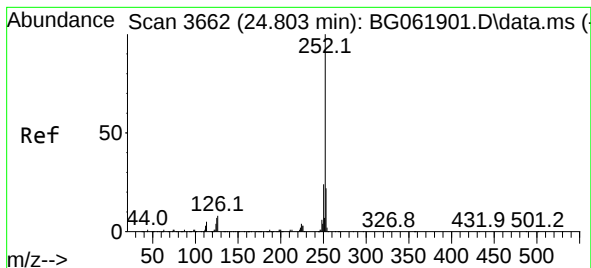
Tgt Ion:252 Resp: 467796
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 6.3 6.1 9.1



#91
Benzo(k)fluoranthene
Concen: 20.577 ng/ul
RT: 23.994 min Scan# 3524
Delta R.T. -0.011 min
Lab File: BG061933.D
Acq: 6 Jul 2024 17:26

Tgt Ion:252 Resp: 468533
Ion Ratio Lower Upper
252 100
253 21.0 19.3 28.9
125 6.3 6.3 9.5#





#93

Benzo(a)pyrene

Concen: 20.336 ng/ul

RT: 24.810 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

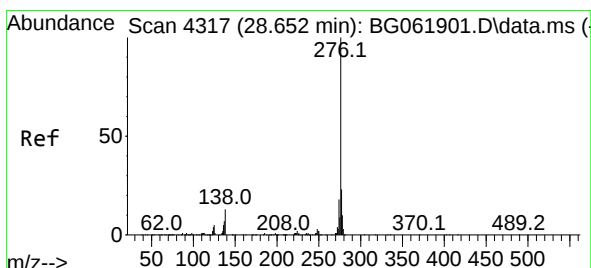
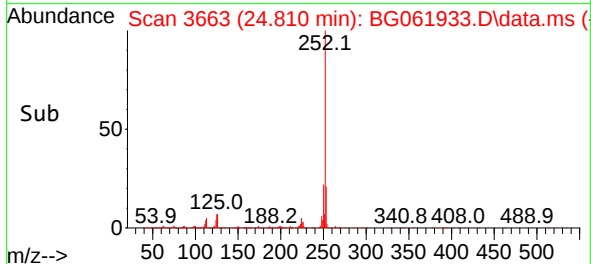
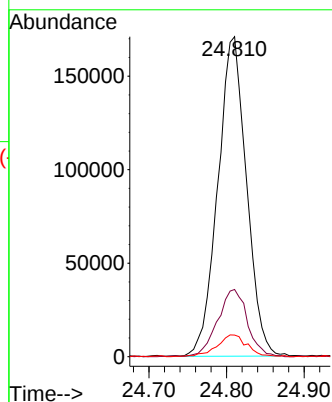
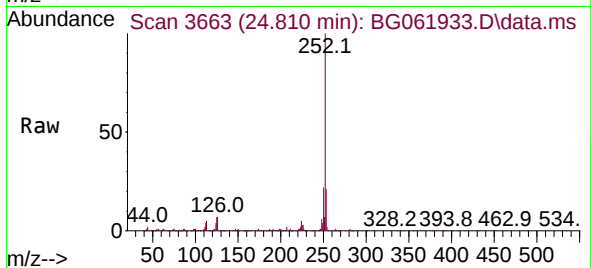
Tgt Ion:252 Resp: 439714

Ion Ratio Lower Upper

252 100

253 21.0 16.5 24.7

125 6.7 7.4 11.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.156 ng/ul

RT: 28.653 min Scan# 4317

Delta R.T. -0.011 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

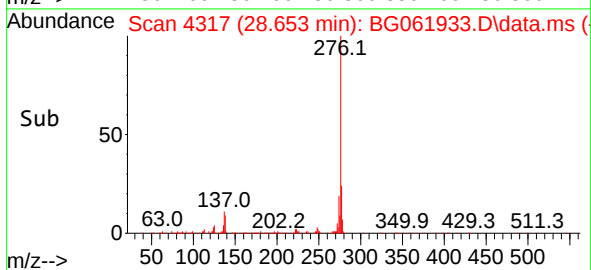
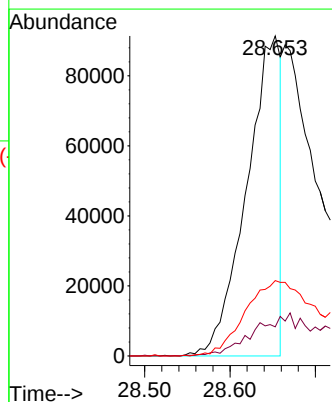
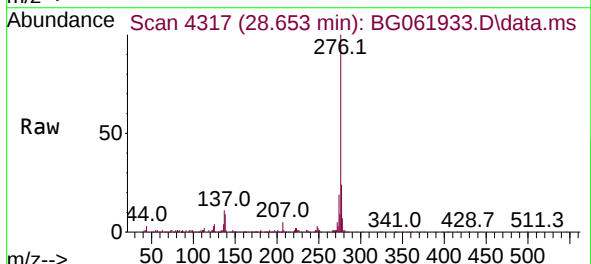
Tgt Ion:276 Resp: 252981

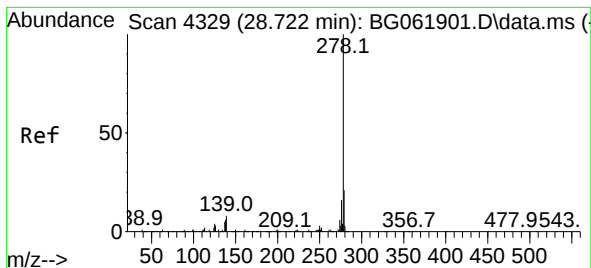
Ion Ratio Lower Upper

276 100

138 9.1 11.9 17.9#

277 23.6 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 19.353 ng/ul

RT: 28.729 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Instrument :

BNA_G

ClientSampleId :

SSTD020558

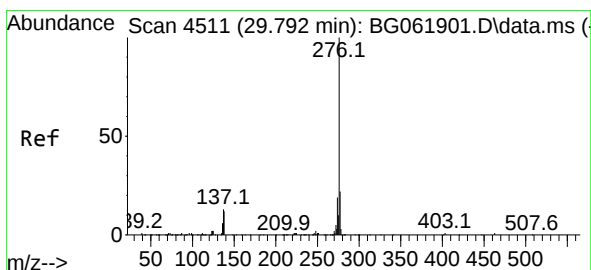
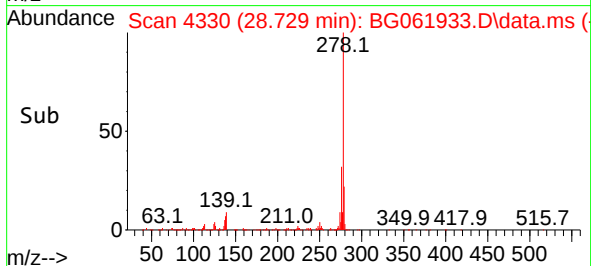
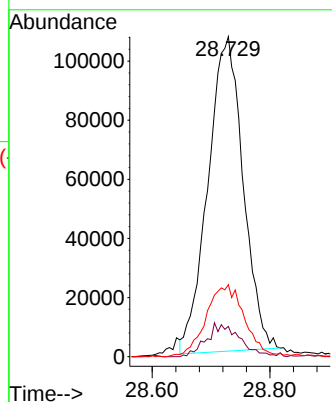
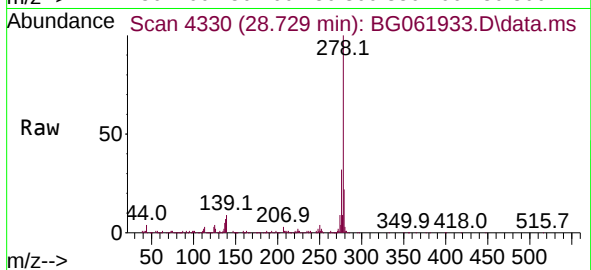
Tgt Ion:278 Resp: 441660

Ion Ratio Lower Upper

278 100

139 9.5 7.6 11.4

279 22.5 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 12.190 ng/ul

RT: 29.816 min Scan# 4515

Delta R.T. -0.011 min

Lab File: BG061933.D

Acq: 6 Jul 2024 17:26

Tgt Ion:276 Resp: 267954

Ion Ratio Lower Upper

276 100

138 11.5 11.1 16.7

277 23.4 18.8 28.2

