

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101923\
 Data File : BG059491.D
 Acq On : 19 Oct 2023 16:07
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV433

Quant Time: Oct 20 03:55:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 20 03:52:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.190	152	35867	20.000	ng/u1	0.00
20) Naphthalene-d8	11.033	136	160234	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.829	164	105895	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.579	188	260479	20.000	ng/u1	0.00
79) Chrysene-d12	21.874	240	253328	20.000	ng/u1	0.00
88) Perylene-d12	25.317	264	375913	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.472	96	7591	6.677	ng/uL	0.00
4) Pyridine-d5	3.906	84	61495	15.751	ng/u1	0.00
7) Phenol-d5	7.314	99	84313	23.590	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	52111	25.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.702	132	60583	21.221	ng/u1	0.00
15) 4-Methylphenol-d8	8.883	113	66076	21.460	ng/u1	0.00
21) Nitrobenzene-d5	9.388	128	32703	20.914	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	35616	23.140	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.634	165	63828	22.414	ng/u1	0.00
31) 4-Chloroaniline-d4	11.174	131	99008	23.415	ng/u1	0.00
46) Dimethylphthalate-d6	14.224	166	214581	20.867	ng/u1	0.00
49) Acenaphthylene-d8	14.535	160	246430	20.817	ng/u1	0.00
54) 4-Nitrophenol-d4	15.023	143	41414	24.551	ng/u1	0.00
60) Fluorene-d10	15.822	176	195999	22.322	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.933	200	42221	24.101	ng/u1	0.00
73) Anthracene-d10	17.678	188	313905	21.884	ng/u1	0.00
81) Pyrene-d10	19.952	212	381694	22.963	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.082	264	485895	22.587	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.513	88	9967	7.705	ng/uL#	80
5) Pyridine	3.924	79	49387	12.210	ng/u1	92
6) Benzaldehyde	7.332	77	43324	26.924	ng/u1	97
8) Phenol	7.343	94	80469	22.772	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.602	93	61812	20.263	ng/u1	90
12) 2-Chlorophenol	7.737	128	60197	20.913	ng/u1	95
13) 2-Methylphenol	8.618	108	59932	19.955	ng/u1	84
14) 2,2'-oxybis(1-Chloropr...	8.695	45	69409	10.211	ng/u1#	94
16) Acetophenone	9.030	105	94323	20.292	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.989	70	43858	18.162	ng/u1	98
18) 4-Methylphenol	8.947	108	64980	20.014	ng/u1	94
19) Hexachloroethane	9.271	117	22180	18.731	ng/u1	91
22) Nitrobenzene	9.435	77	66618	18.504	ng/u1	98
23) Isophorone	9.935	82	130942	18.963	ng/u1	98
25) 2-Nitrophenol	10.140	139	34306	21.176	ng/u1	94
26) 2,4-Dimethylphenol	10.164	107	53974	17.541	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.422	93	81182	18.916	ng/u1#	94
29) 2,4-Dichlorophenol	10.657	162	58268	20.358	ng/u1	97
30) Naphthalene	11.080	128	203917	20.252	ng/u1	97
32) 4-Chloroaniline	11.204	127	90964	22.674	ng/u1	100
33) Hexachlorobutadiene	11.309	225	37247	20.288	ng/u1	91
34) Caprolactam	11.985	113	15748	17.558	ng/u1	92
35) 4-Chloro-3-methylphenol	12.279	107	59983	21.321	ng/u1	95
36) 2-Methylnaphthalene	12.673	142	140731	21.177	ng/u1	99

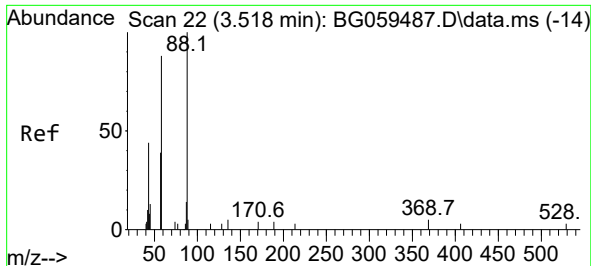
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.890	142	131369	19.395	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.013	216	78153	21.904	ng/ul	88
40) Hexachlorocyclopentadiene	12.966	237	34010	17.100	ng/ul	97
41) 2,4,6-Trichlorophenol	13.260	196	45591	20.816	ng/ul	96
42) 2,4,5-Trichlorophenol	13.331	196	53005	21.162	ng/ul	92
43) 1,1'-Biphenyl	13.665	154	205427	20.705	ng/ul	99
44) 2-Chloronaphthalene	13.718	162	152989	19.612	ng/ul	98
45) 2-Nitroaniline	13.936	65	47721	18.764	ng/ul	88
47) Dimethylphthalate	14.277	163	194285	19.137	ng/ul	100
48) 2,6-Dinitrotoluene	14.423	165	40714	20.373	ng/ul#	87
50) Acenaphthylene	14.564	152	236752	18.574	ng/ul	99
51) 3-Nitroaniline	14.758	138	47504	24.661	ng/ul#	86
52) Acenaphthene	14.893	153	163995	19.967	ng/ul	100
53) 2,4-Dinitrophenol	14.958	184	22547	22.241	ng/ul#	85
55) 4-Nitrophenol	15.034	109	25418	21.746	ng/ul	93
56) Dibenzofuran	15.228	168	233423	21.078	ng/ul	95
57) 2,4-Dinitrotoluene	15.199	165	58383	21.348	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.440	232	51778	23.072	ng/ul#	95
59) Diethylphthalate	15.616	149	189643	20.467	ng/ul	99
61) Fluorene	15.875	166	192970	20.817	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.857	204	94209	19.920	ng/ul	95
63) 4-Nitroaniline	15.922	138	49141	26.343	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.945	198	38340	20.636	ng/ul#	93
67) N-Nitrosodiphenylamine	16.080	169	167543	20.818	ng/ul	97
68) 4-Bromophenyl-phenylether	16.756	248	58634	19.957	ng/ul	98
69) Hexachlorobenzene	16.850	284	67053	20.149	ng/ul	97
70) Atrazine	17.009	200	66444	23.150	ng/ul	94
71) Pentachlorophenol	17.203	266	38011	20.337	ng/ul	95
72) Phenanthrene	17.620	178	341567	20.094	ng/ul	97
74) Anthracene	17.714	178	356628	20.378	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.624	216	72895	19.022	ng/ul	94
76) Pentachlorobenzene	15.123	250	71690	19.101	ng/ul	93
77) Carbazole	17.990	167	322397	22.986	ng/ul	98
78) Di-n-butylphthalate	18.495	149	361628	21.124	ng/ul	99
80) Fluoranthene	19.617	202	423313	20.650	ng/ul	99
82) Pyrene	19.982	202	446711	20.674	ng/ul	97
83) Butylbenzylphthalate	20.834	149	157480	20.998	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.768	252	166743	24.534	ng/ul#	99
85) Benzo(a)anthracene	21.850	228	434267	20.711	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.686	149	228728	20.904	ng/ul	98
87) Chrysene	21.921	228	398018	20.306	ng/ul	97
89) Di-n-octyl phthalate	22.960	149	397899	17.520	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	567496	21.203	ng/ul	99
91) Benzo(k)fluoranthene	24.206	252	567496	20.508	ng/ul	97
93) Benzo(a)pyrene	25.158	252	491609	19.282	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.300	276	476540	16.420	ng/ul	98
95) Dibenzo(a,h)anthracene	29.371	278	387036	16.398	ng/ul	97
96) Benzo(g,h,i)perylene	30.563	276	380593	15.616	ng/ul	95

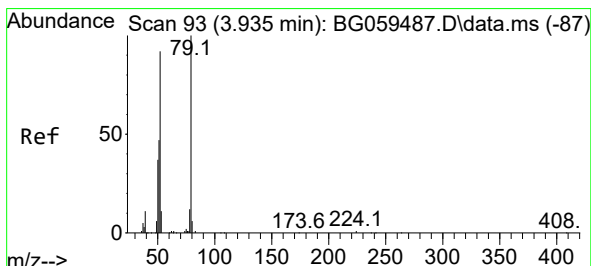
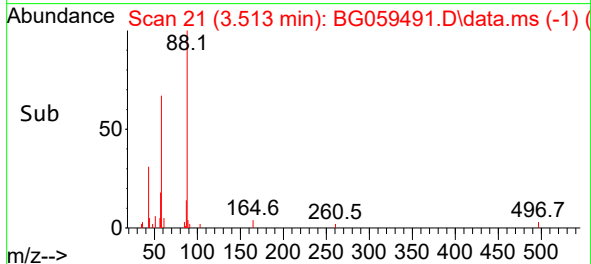
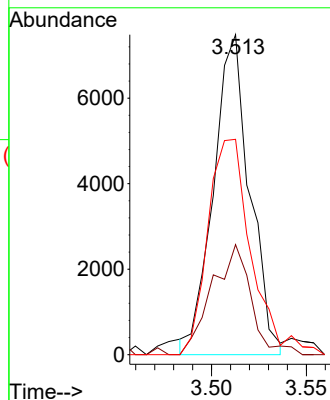
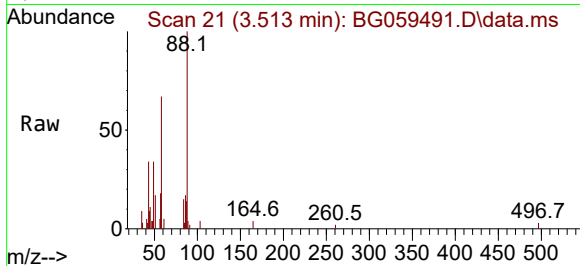
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#2
1,4-Dioxane
Concen: 7.705 ng/uL
RT: 3.513 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

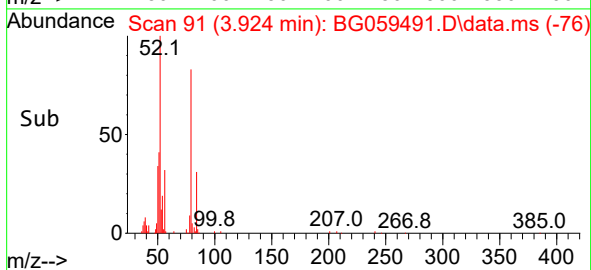
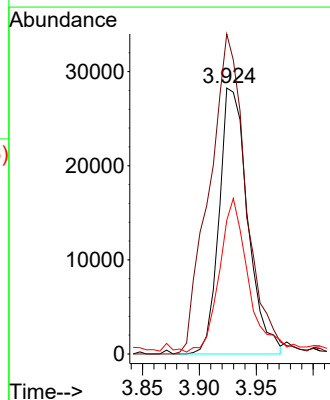
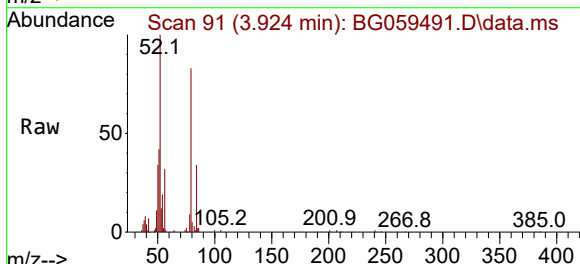
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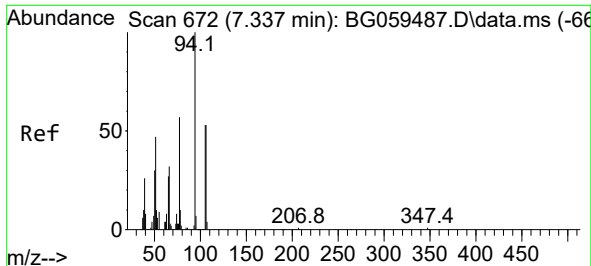
Tgt Ion: 88 Resp: 9967
Ion Ratio Lower Upper
88 100
43 34.4 35.5 53.3#
58 67.3 70.4 105.6#



#5
Pyridine
Concen: 12.210 ng/uL
RT: 3.924 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion: 79 Resp: 49387
Ion Ratio Lower Upper
79 100
52 120.4 87.8 131.8
51 50.3 38.6 58.0

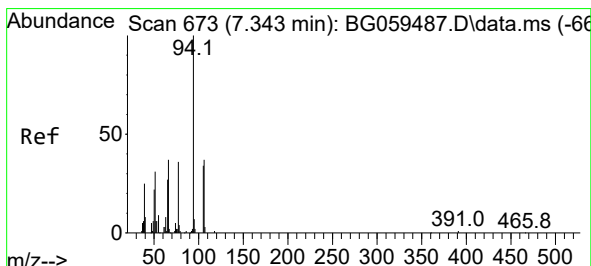
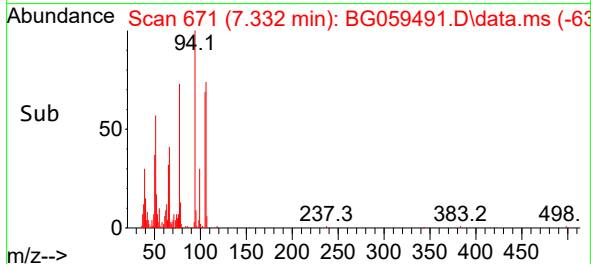
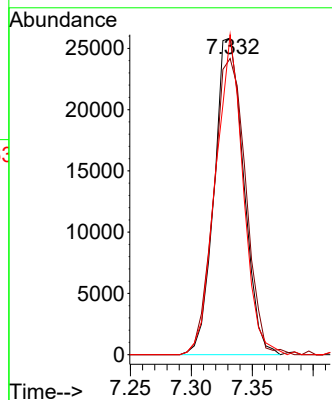
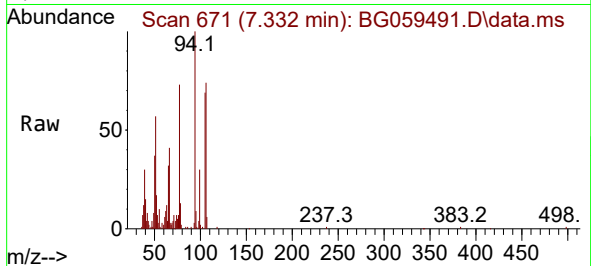




#6
Benzaldehyde
Concen: 26.924 ng/ul
RT: 7.332 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

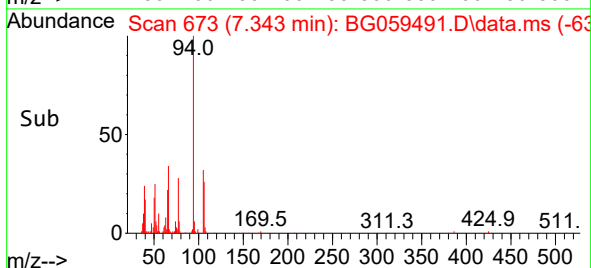
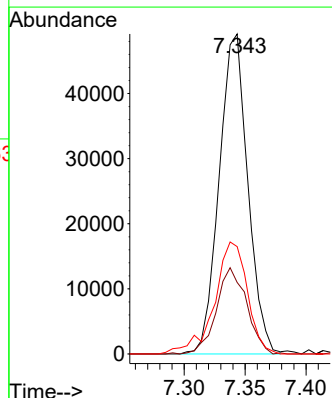
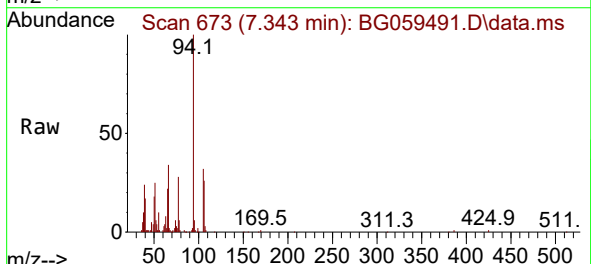
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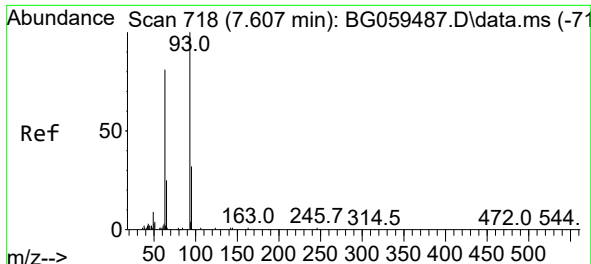
Tgt Ion: 77 Resp: 43324
Ion Ratio Lower Upper
77 100
105 93.5 76.2 114.4
106 101.1 77.3 115.9



#8
Phenol
Concen: 22.772 ng/ul
RT: 7.343 min Scan# 673
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion: 94 Resp: 80469
Ion Ratio Lower Upper
94 100
65 22.4 21.9 32.9
66 33.5 31.1 46.7

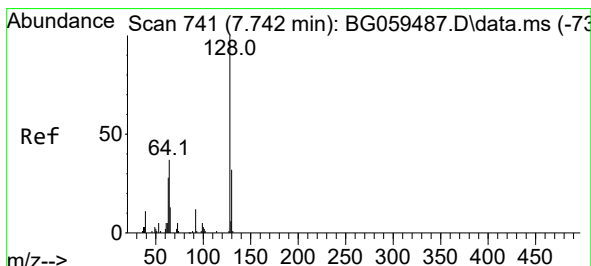
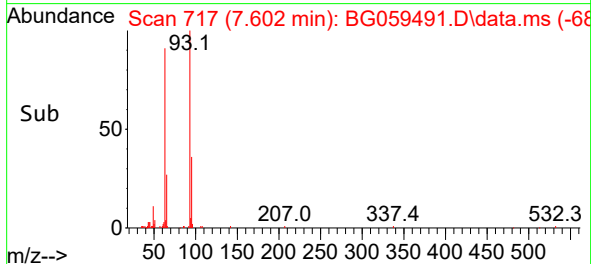
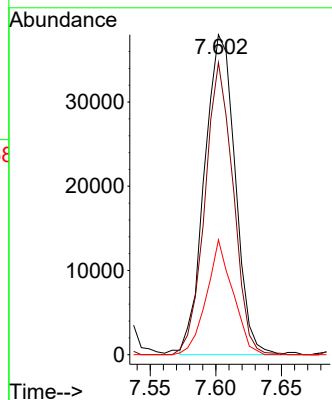
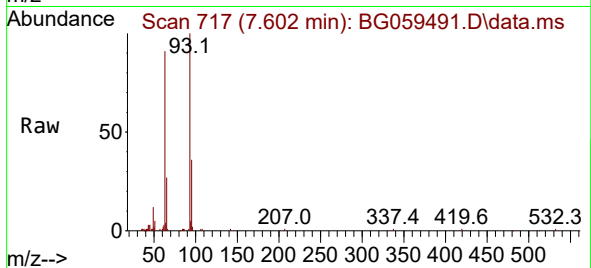




#10
Bis(2-Chloroethyl)ether
Concen: 20.263 ng/ul
RT: 7.602 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

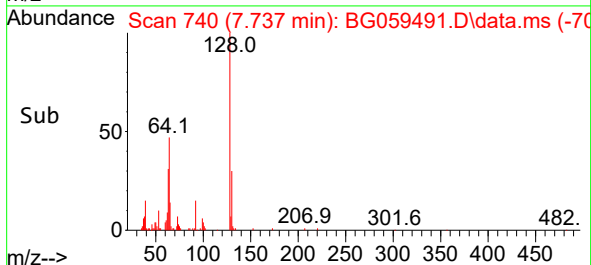
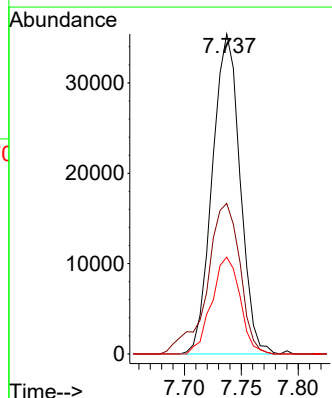
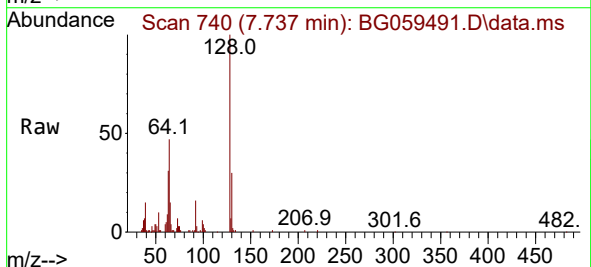
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ClientSampleId :
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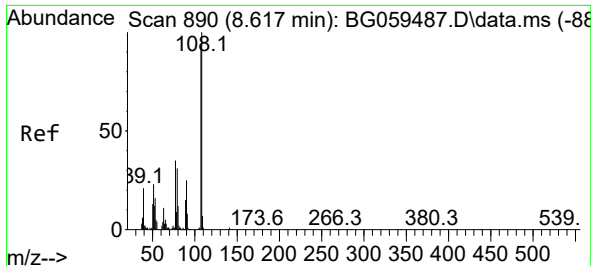
Tgt Ion: 93 Resp: 61812
Ion Ratio Lower Upper
93 100
63 91.3 65.1 97.7
95 35.9 25.6 38.4



#12
2-Chlorophenol
Concen: 20.913 ng/ul
RT: 7.737 min Scan# 740
Delta R.T. -0.005 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:128 Resp: 60197
Ion Ratio Lower Upper
128 100
64 47.1 34.3 51.5
130 30.2 25.8 38.8





#13

2-Methylphenol

Concen: 19.955 ng/ul

RT: 8.618 min Scan# 890

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

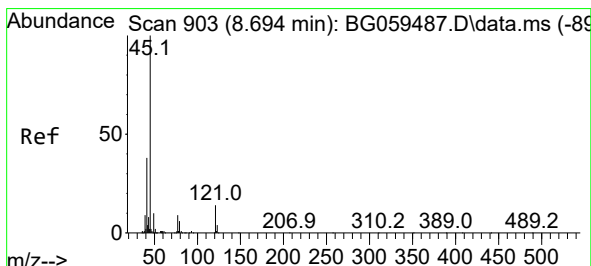
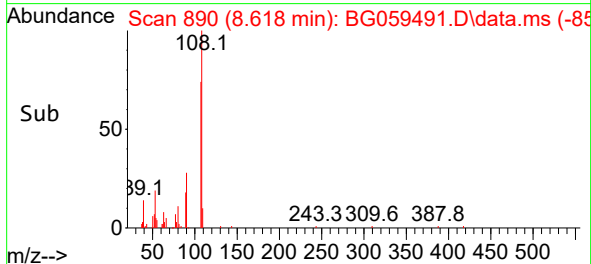
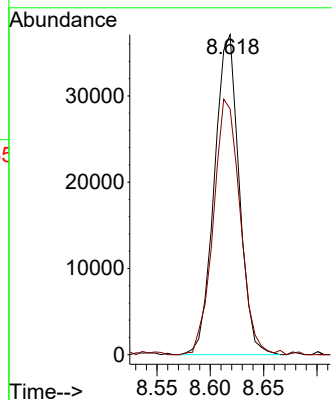
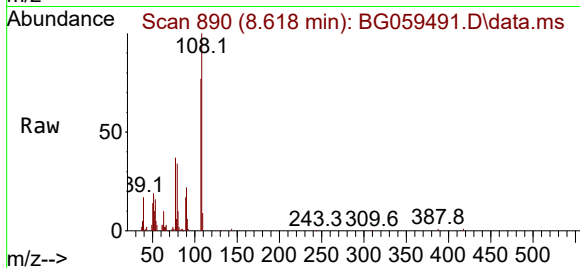
SICV433

Tgt Ion:108 Resp: 59932

Ion Ratio Lower Upper

108 100

107 76.8 74.0 111.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.211 ng/ul

RT: 8.695 min Scan# 903

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

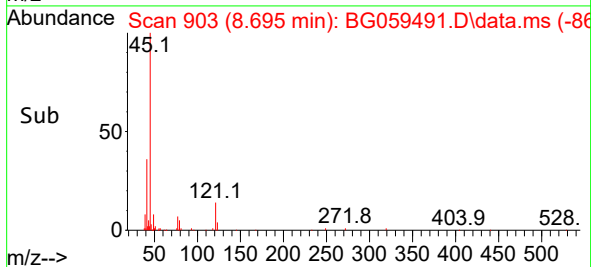
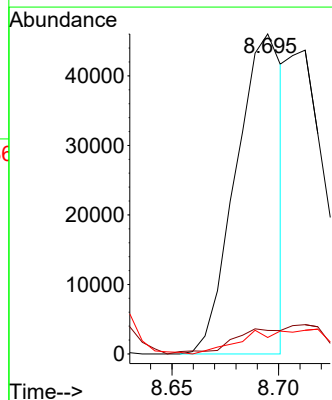
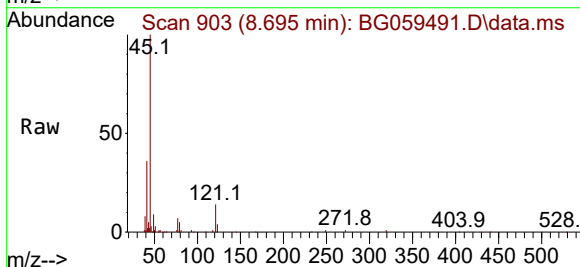
Tgt Ion: 45 Resp: 69409

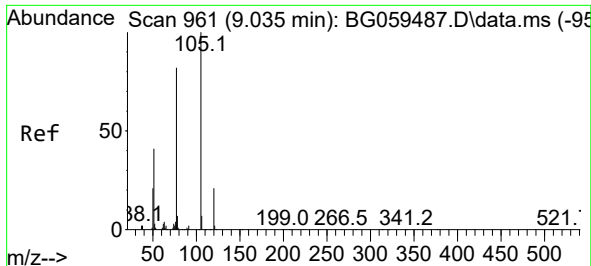
Ion Ratio Lower Upper

45 100

77 7.3 7.6 11.4#

79 5.1 5.8 8.8#

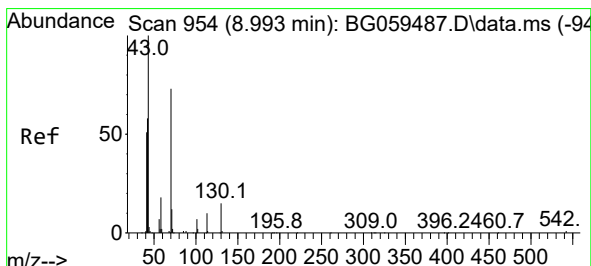
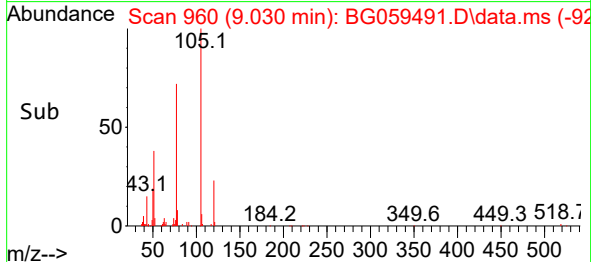
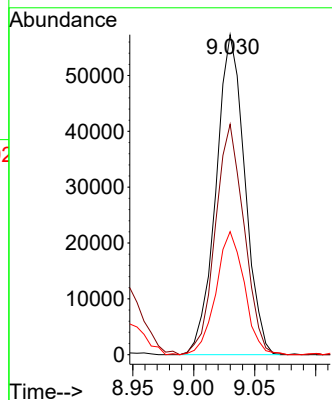
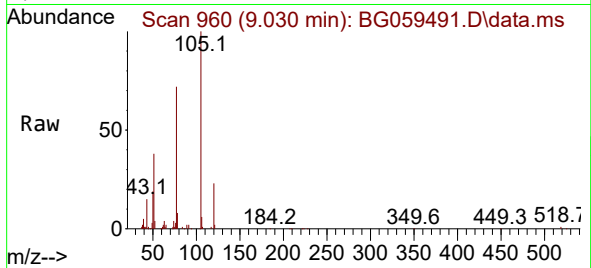




#16
Acetophenone
Concen: 20.292 ng/ul
RT: 9.030 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

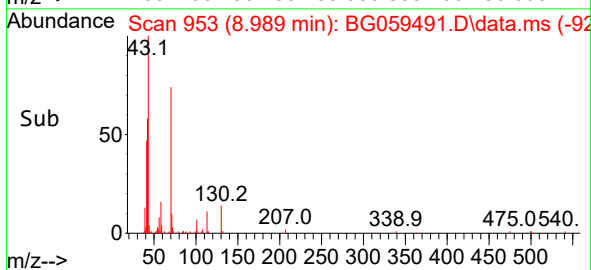
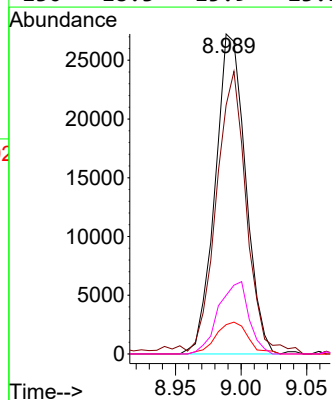
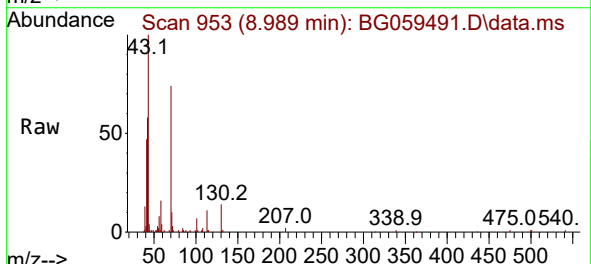
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BNA_G
ClientSampleId :
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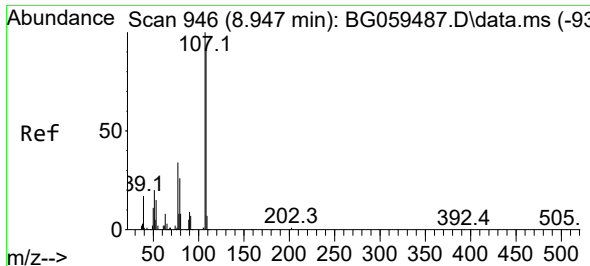
Tgt Ion:105 Resp: 94323
Ion Ratio Lower Upper
105 100
77 72.0 65.3 97.9
51 38.5 33.4 50.0



#17
N-Nitroso-di-n-propylamine
Concen: 18.162 ng/ul
RT: 8.989 min Scan# 953
Delta R.T. -0.005 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion: 70 Resp: 43858
Ion Ratio Lower Upper
70 100
42 77.8 63.5 95.3
101 9.2 7.3 10.9
130 18.3 15.9 23.9

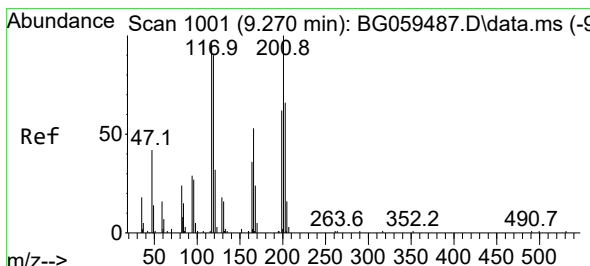
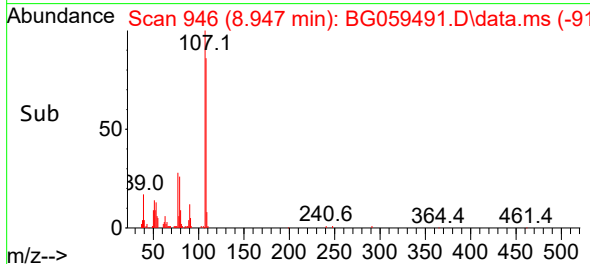
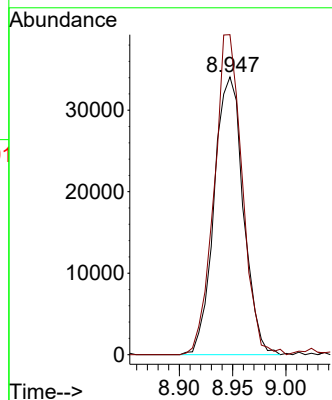
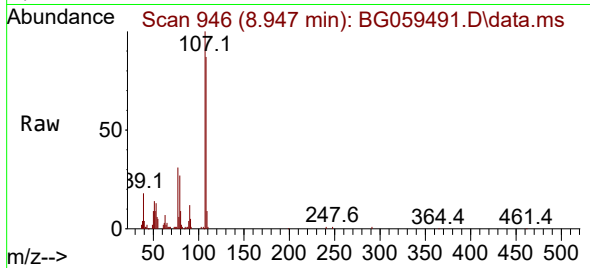




#18
4-Methylphenol
Concen: 20.014 ng/ul
RT: 8.947 min Scan# 946
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

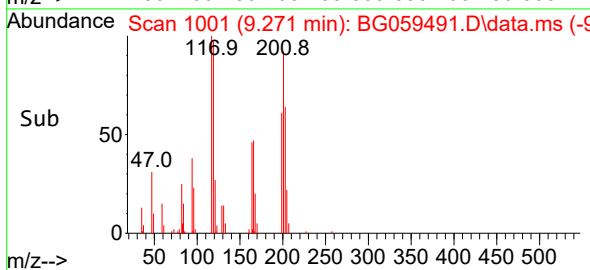
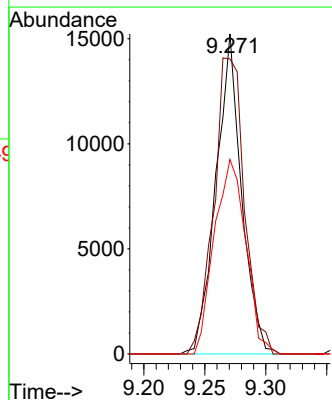
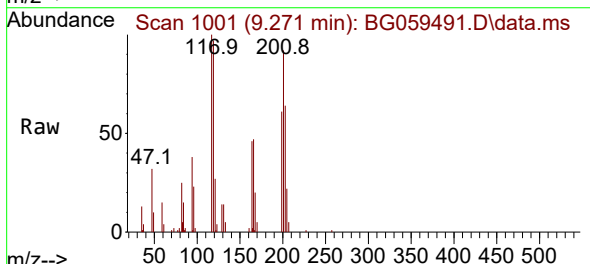
Instrument :
BNA_G
ClientSampleId :
SICV433

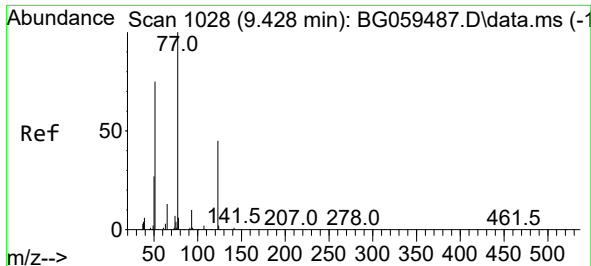
Tgt Ion:108 Resp: 64980
Ion Ratio Lower Upper
108 100
107 115.2 87.1 130.7



#19
Hexachloroethane
Concen: 18.731 ng/ul
RT: 9.271 min Scan# 1001
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:117 Resp: 22180
Ion Ratio Lower Upper
117 100
201 92.2 83.0 124.6
199 60.8 51.4 77.2

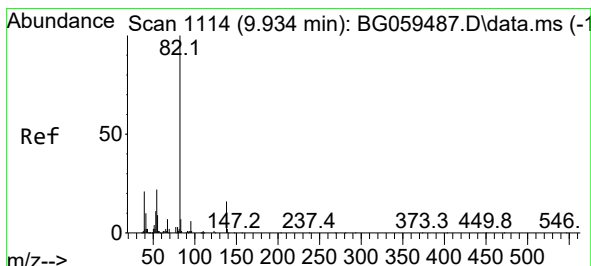
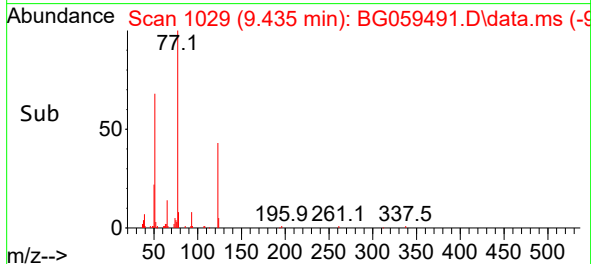
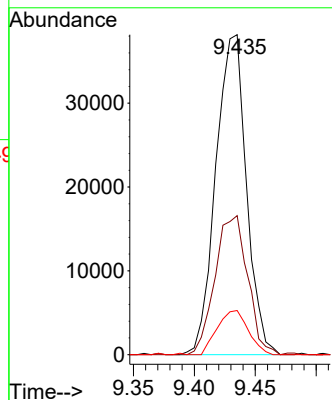
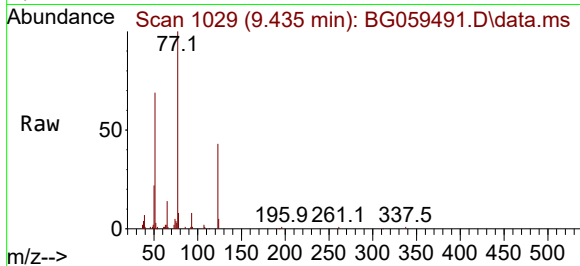




#22
Nitrobenzene
Concen: 18.504 ng/ul
RT: 9.435 min Scan# 1028
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

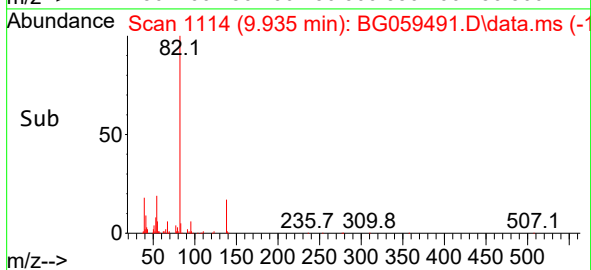
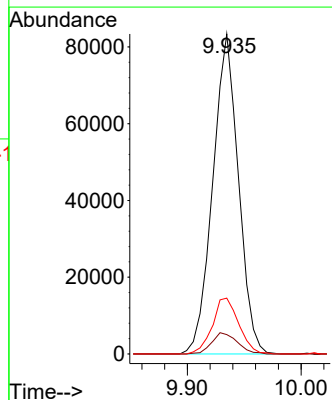
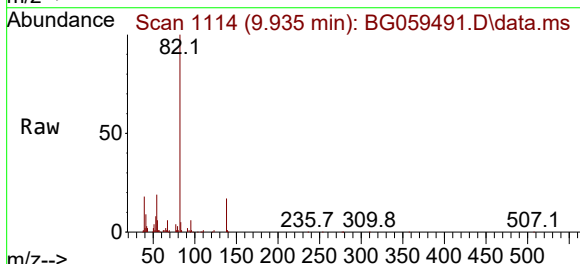
Instrument :
BNA_G
ClientSampleId :
SICV433

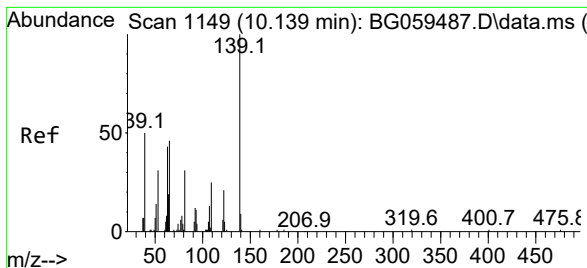
Tgt Ion: 77 Resp: 66618
Ion Ratio Lower Upper
77 100
123 43.4 35.6 53.4
65 13.8 10.2 15.4



#23
Isophorone
Concen: 18.963 ng/ul
RT: 9.935 min Scan# 1114
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion: 82 Resp: 130942
Ion Ratio Lower Upper
82 100
95 6.1 5.0 7.6
138 17.5 13.0 19.4

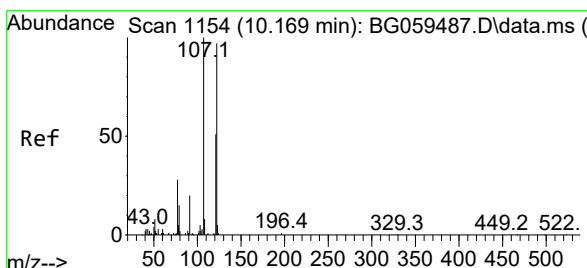
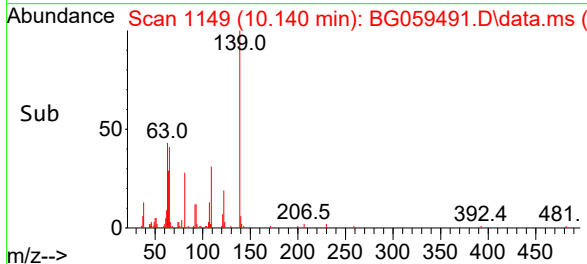
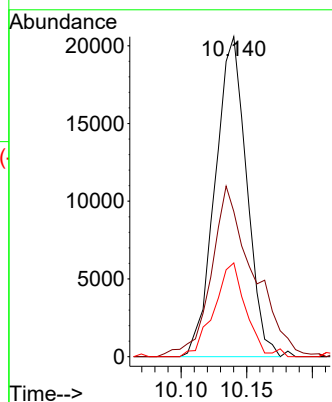
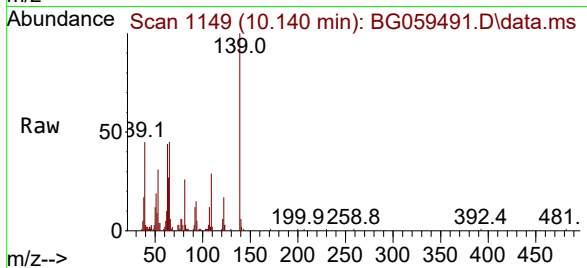




#25
2-Nitrophenol
Concen: 21.176 ng/ul
RT: 10.140 min Scan# 1149
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

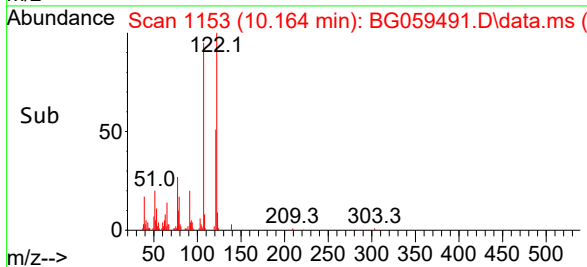
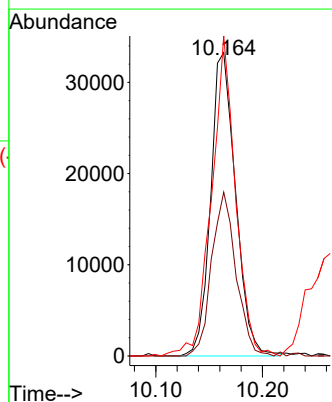
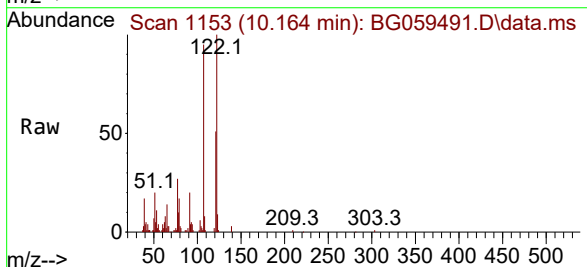
Instrument :
BNA_G
ClientSampleId :
SICV433

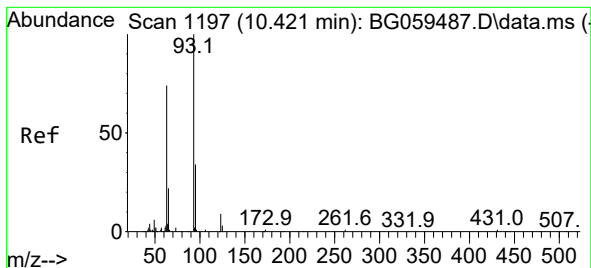
Tgt Ion:139 Resp: 34306
Ion Ratio Lower Upper
139 100
65 45.4 39.1 58.7
109 29.3 20.3 30.5



#26
2,4-Dimethylphenol
Concen: 17.541 ng/ul
RT: 10.164 min Scan# 1153
Delta R.T. -0.005 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:107 Resp: 53974
Ion Ratio Lower Upper
107 100
121 54.0 40.6 60.8
122 105.5 79.2 118.8

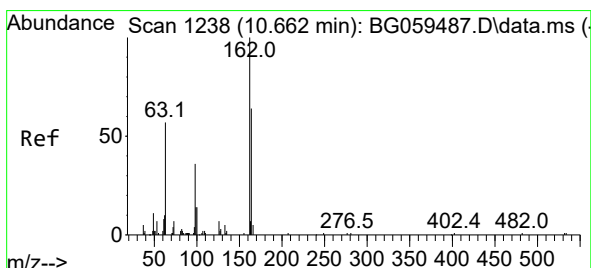
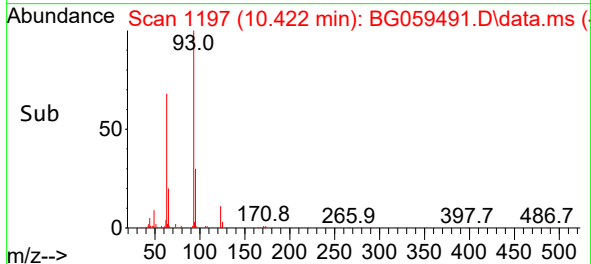
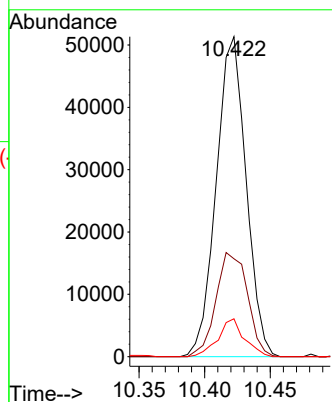
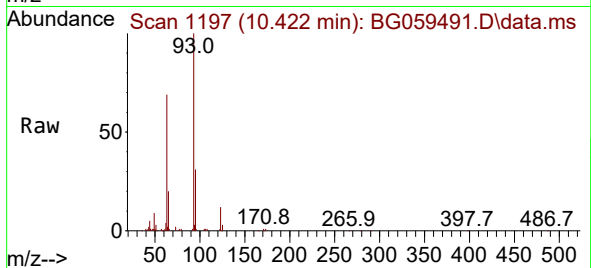




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.916 ng/ul
 RT: 10.422 min Scan# 1197
 Delta R.T. 0.001 min
 Lab File: BG059491.D
 Acq: 19 Oct 2023 16:07

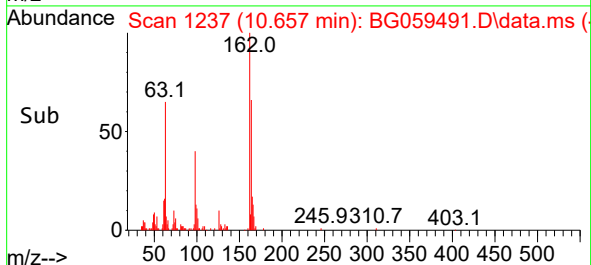
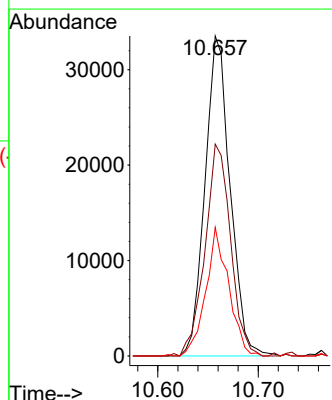
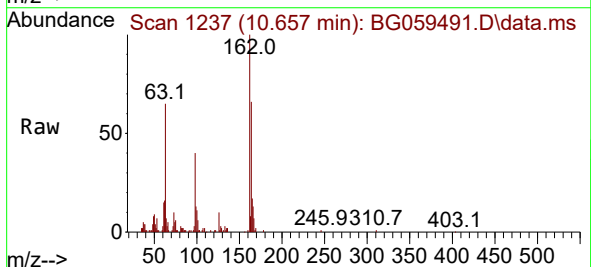
Instrument :
 BNA_G
 ClientSampleId :
 SICV433

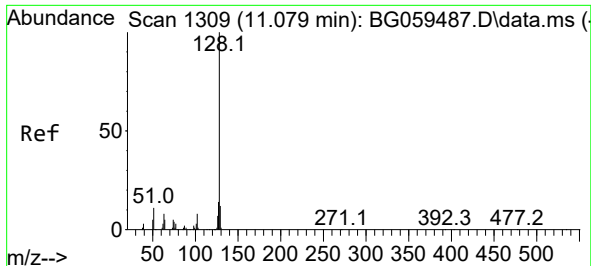
Tgt Ion: 93 Resp: 81182
 Ion Ratio Lower Upper
 93 100
 95 30.6 27.2 40.8
 123 11.8 7.4 11.0#



#29
 2,4-Dichlorophenol
 Concen: 20.358 ng/ul
 RT: 10.657 min Scan# 1237
 Delta R.T. -0.005 min
 Lab File: BG059491.D
 Acq: 19 Oct 2023 16:07

Tgt Ion: 162 Resp: 58268
 Ion Ratio Lower Upper
 162 100
 164 66.2 52.4 78.6
 98 40.1 28.6 43.0

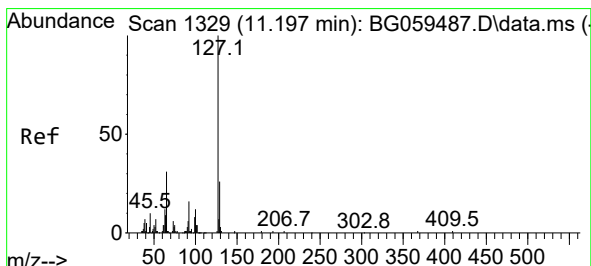
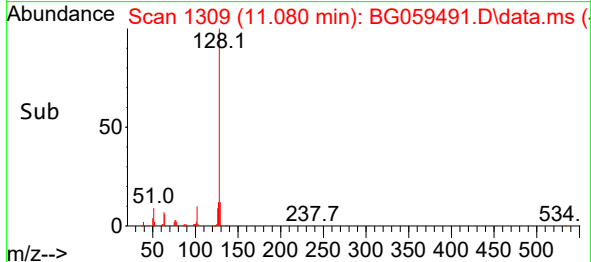
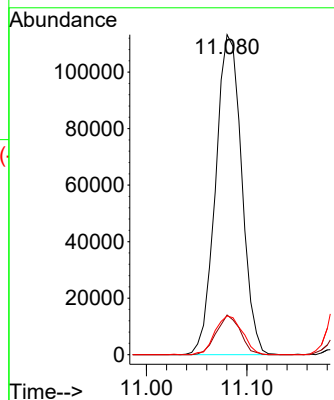
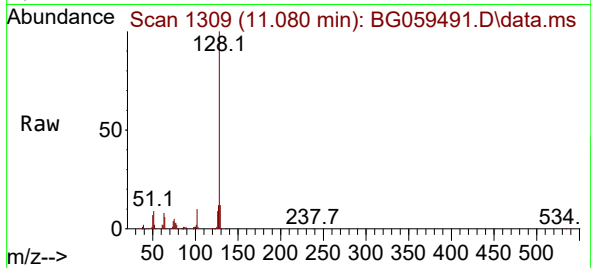




#30
Naphthalene
Concen: 20.252 ng/ul
RT: 11.080 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

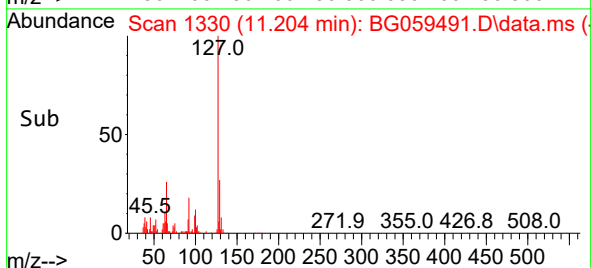
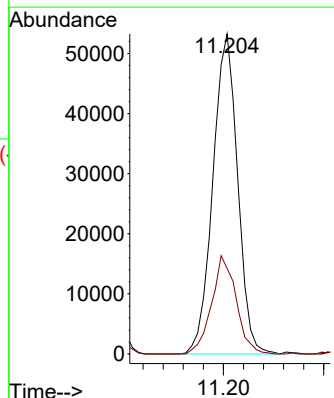
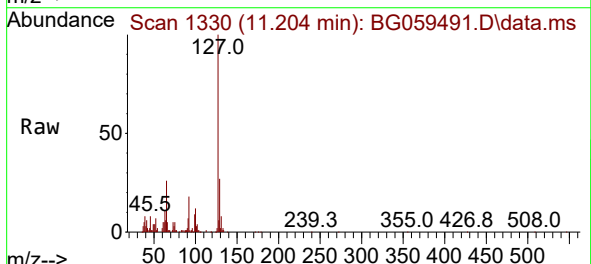
Instrument :
BNA_G
ClientSampleId :
SICV433

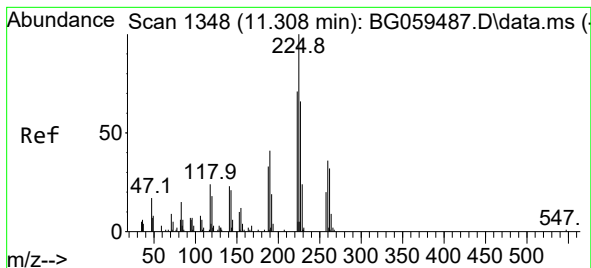
Tgt Ion:128 Resp: 203917
Ion Ratio Lower Upper
128 100
129 12.4 9.6 14.4
127 12.1 11.0 16.6



#32
4-Chloroaniline
Concen: 22.674 ng/ul
RT: 11.204 min Scan# 1330
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:127 Resp: 90964
Ion Ratio Lower Upper
127 100
129 26.8 21.5 32.3





#33

Hexachlorobutadiene

Concen: 20.288 ng/ul

RT: 11.309 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

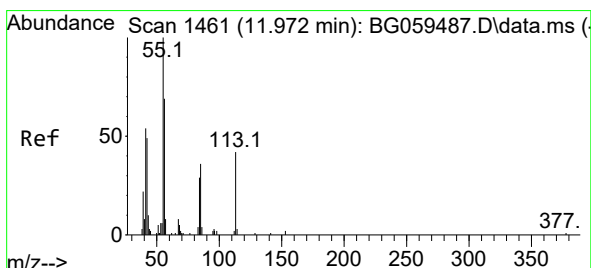
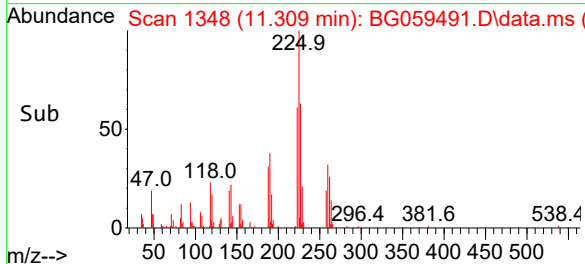
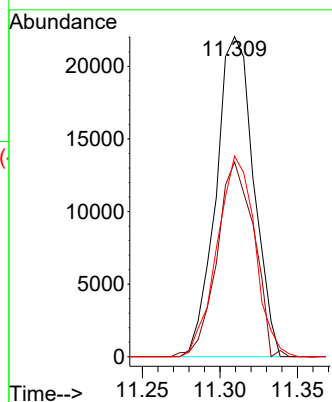
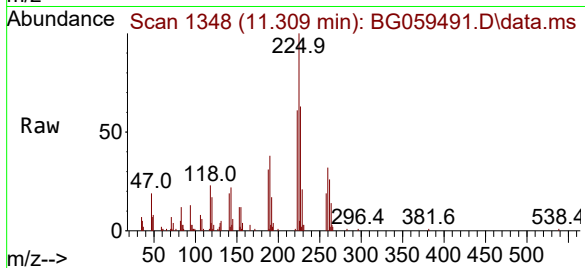
Tgt Ion:225 Resp: 37247

Ion Ratio Lower Upper

225 100

223 60.9 57.2 85.8

227 62.7 53.0 79.6



#34

Caprolactam

Concen: 17.558 ng/ul

RT: 11.985 min Scan# 1463

Delta R.T. 0.013 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

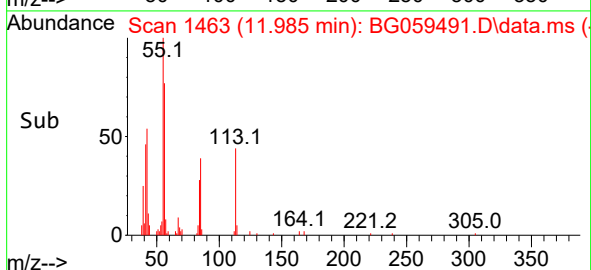
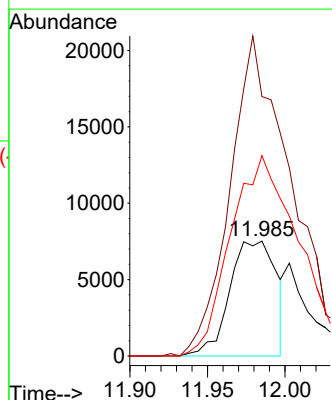
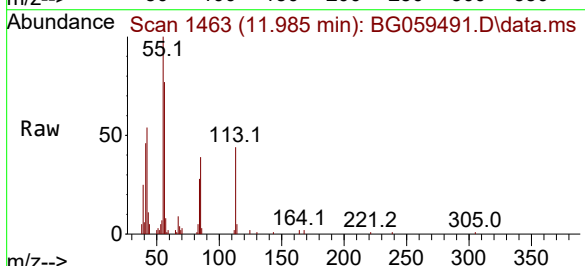
Tgt Ion:113 Resp: 15748

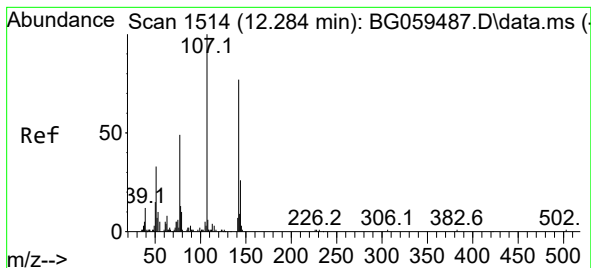
Ion Ratio Lower Upper

113 100

55 225.7 192.5 288.7

56 174.3 132.7 199.1

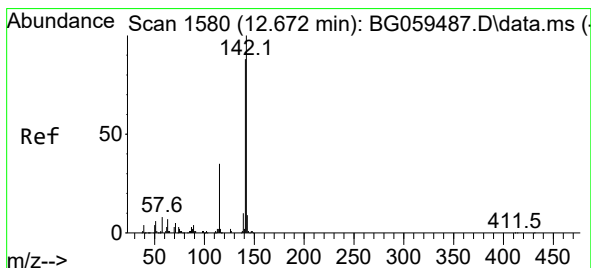
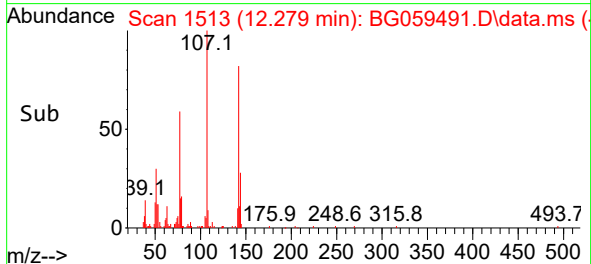
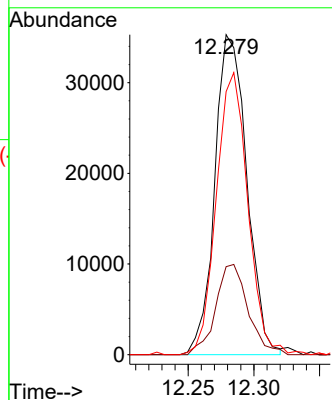
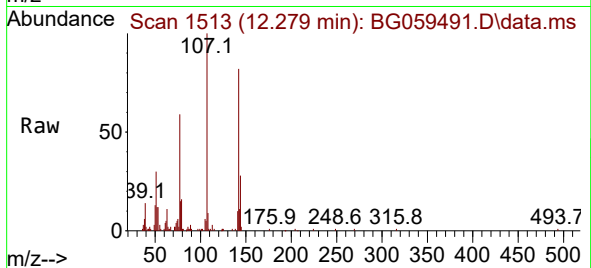




#35
4-Chloro-3-methylphenol
Concen: 21.321 ng/ul
RT: 12.279 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

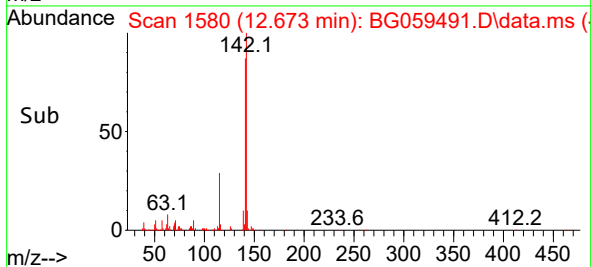
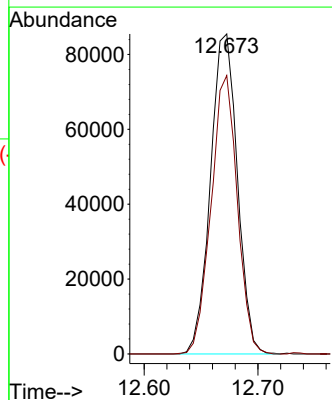
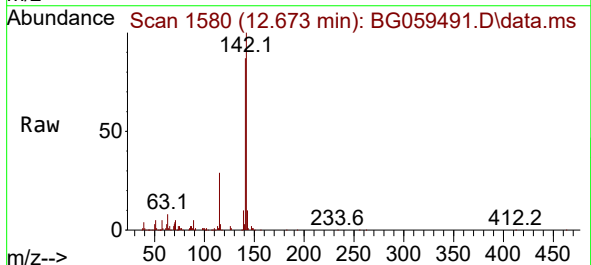
Instrument :
BNA_G
ClientSampleId :
SICV433

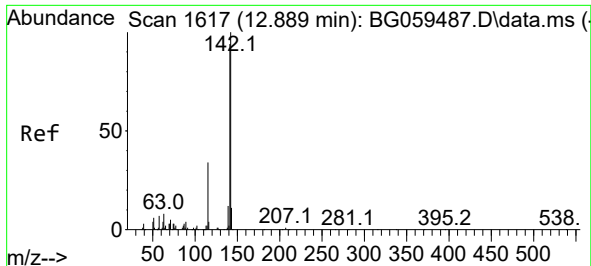
Tgt Ion:107 Resp: 59983
Ion Ratio Lower Upper
107 100
144 27.5 20.6 30.8
142 82.2 62.2 93.2



#36
2-Methylnaphthalene
Concen: 21.177 ng/ul
RT: 12.673 min Scan# 1580
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:142 Resp: 140731
Ion Ratio Lower Upper
142 100
141 87.0 70.2 105.2





#37

1-Methylnaphthalene

Concen: 19.395 ng/ul

RT: 12.890 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

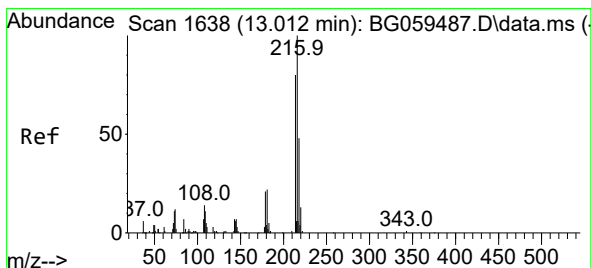
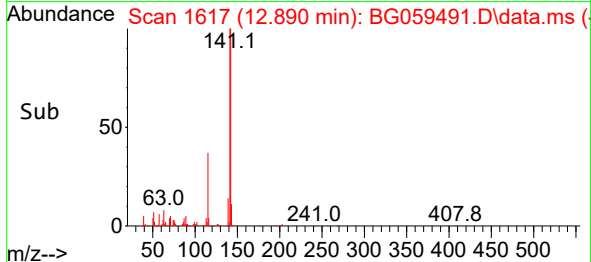
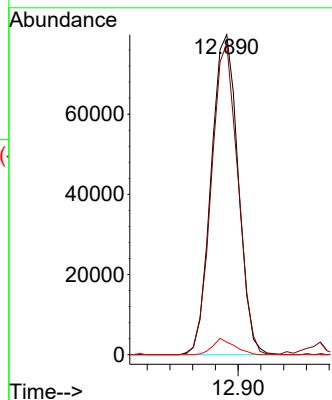
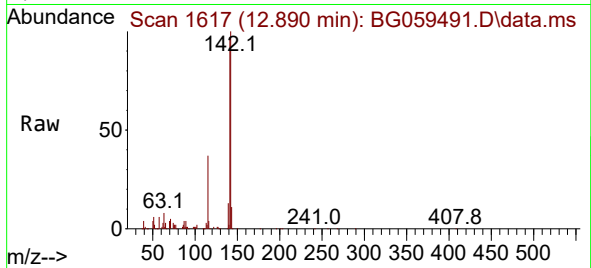
Tgt Ion:142 Resp: 131369

Ion Ratio Lower Upper

142 100

141 97.3 75.6 113.4

116 3.9 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.904 ng/ul

RT: 13.013 min Scan# 1638

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Tgt Ion:216 Resp: 78153

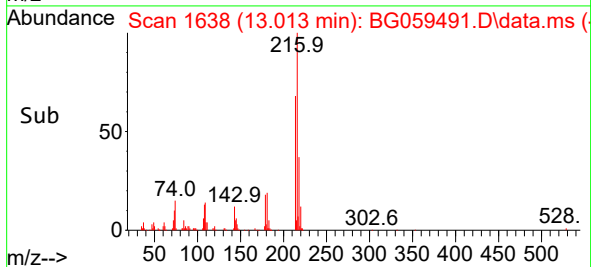
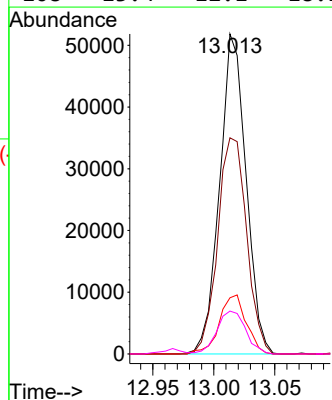
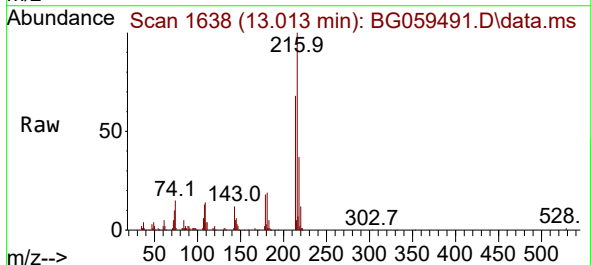
Ion Ratio Lower Upper

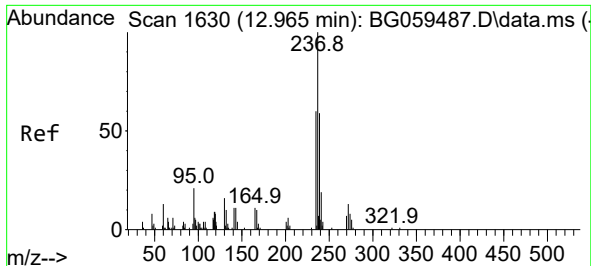
216 100

214 67.6 63.8 95.8

179 17.5 17.4 26.0

108 13.4 12.1 18.1

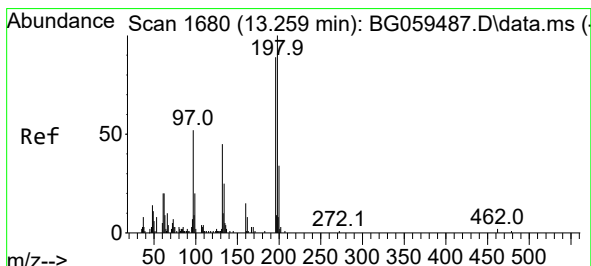
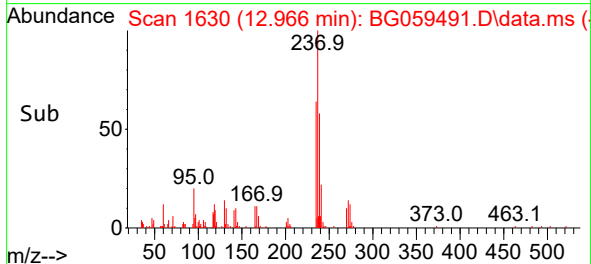
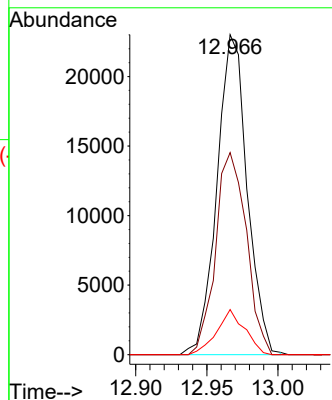
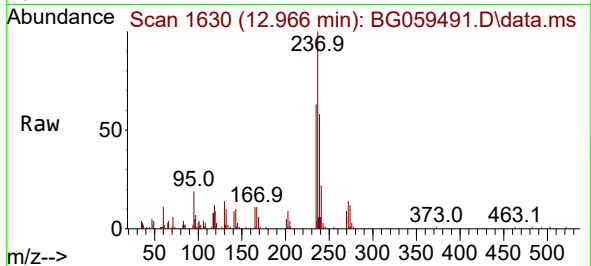




#40
Hexachlorocyclopentadiene
Concen: 17.100 ng/ul
RT: 12.966 min Scan# 1630
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

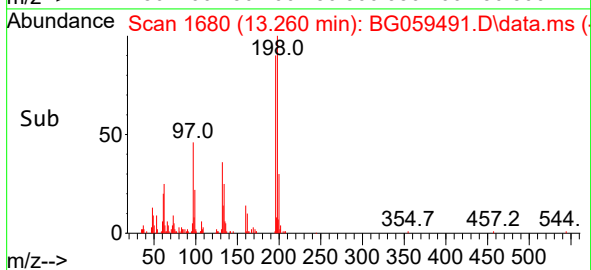
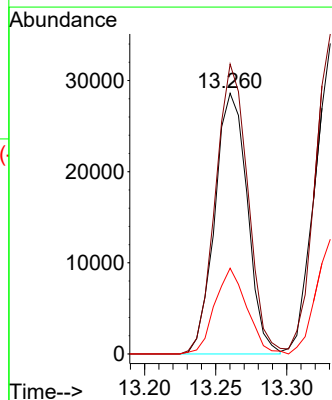
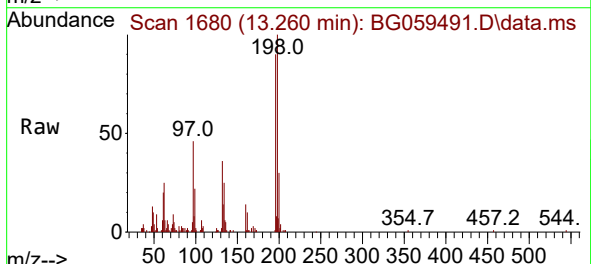
Instrument :
BNA_G
ClientSampleId :
SICV433

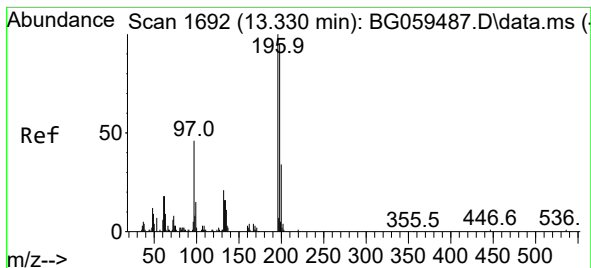
Tgt Ion:237 Resp: 34010
Ion Ratio Lower Upper
237 100
235 63.2 48.5 72.7
272 14.1 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 20.816 ng/ul
RT: 13.260 min Scan# 1680
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:196 Resp: 45591
Ion Ratio Lower Upper
196 100
198 111.2 91.1 136.7
200 32.9 31.0 46.6





#42

2,4,5-Trichlorophenol

Concen: 21.162 ng/ul

RT: 13.331 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

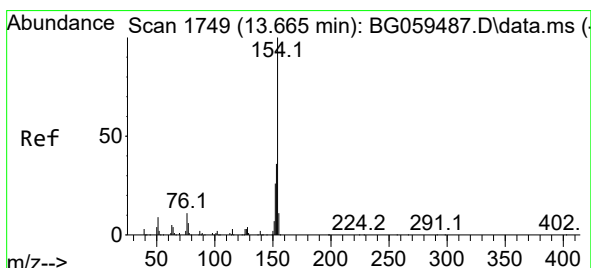
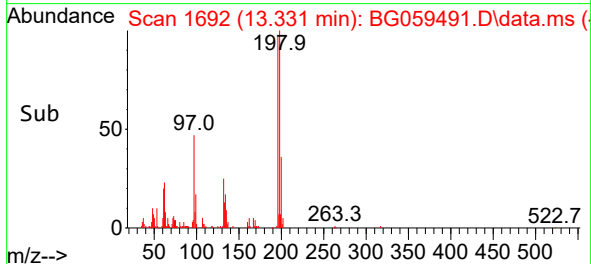
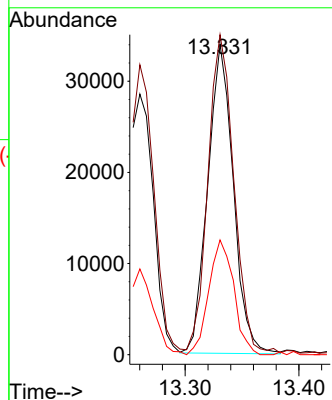
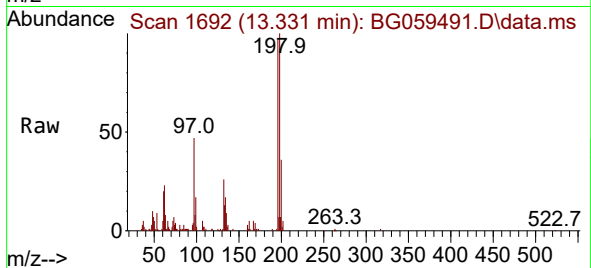
Tgt Ion:196 Resp: 53005

Ion Ratio Lower Upper

196 100

198 103.1 75.9 113.9

200 37.0 26.6 39.8



#43

1,1'-Biphenyl

Concen: 20.705 ng/ul

RT: 13.665 min Scan# 1749

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

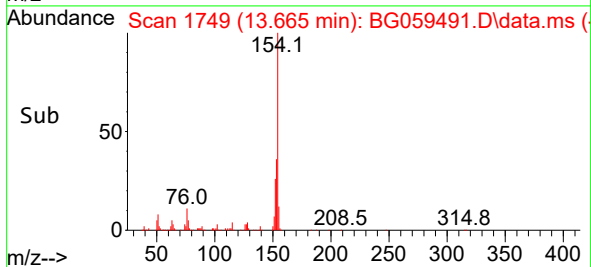
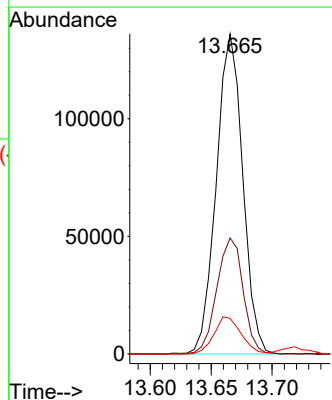
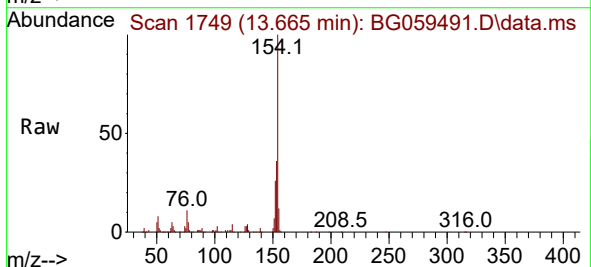
Tgt Ion:154 Resp: 205427

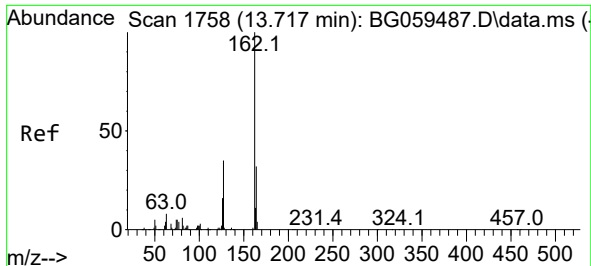
Ion Ratio Lower Upper

154 100

153 36.2 28.5 42.7

76 11.1 9.1 13.7

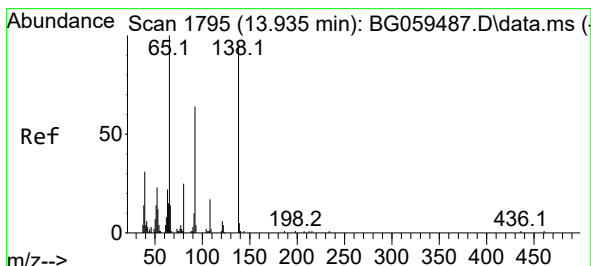
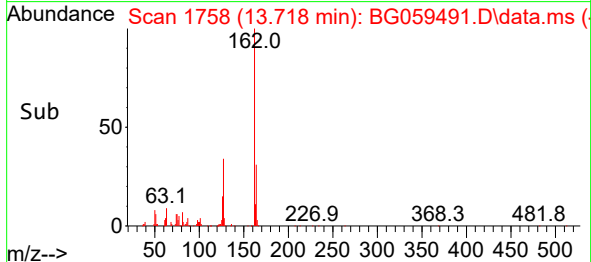
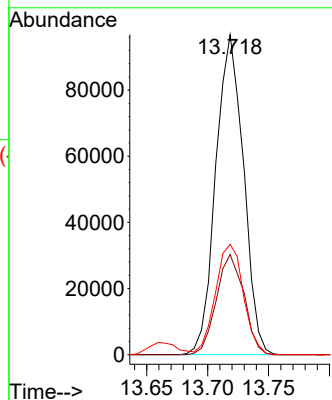
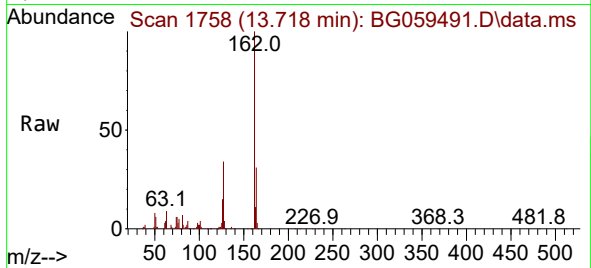




#44
2-Chloronaphthalene
Concen: 19.612 ng/ul
RT: 13.718 min Scan# 1758
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

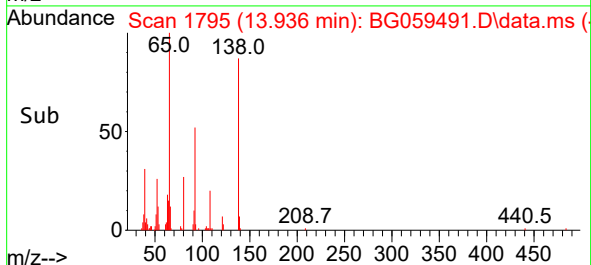
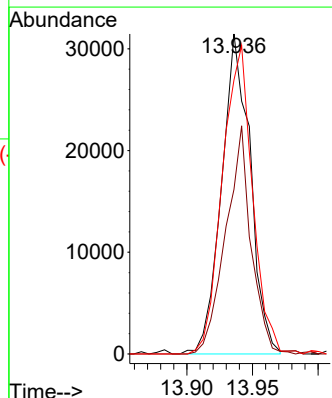
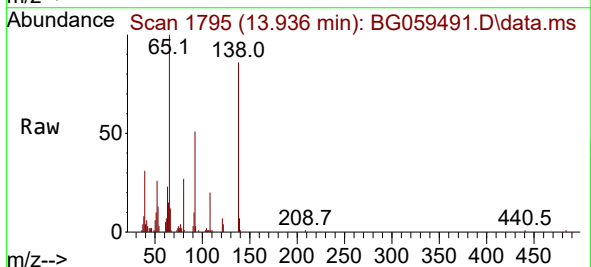
Instrument :
BNA_G
ClientSampleId :
SICV433

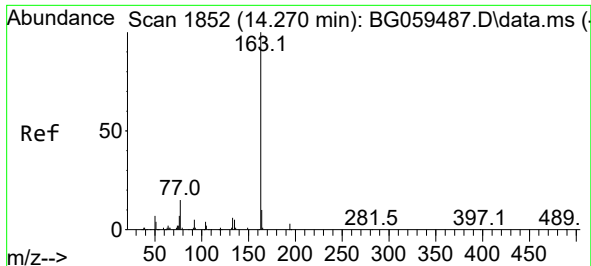
Tgt Ion:162 Resp: 152989
Ion Ratio Lower Upper
162 100
164 31.3 25.5 38.3
127 34.5 28.6 43.0



#45
2-Nitroaniline
Concen: 18.764 ng/ul
RT: 13.936 min Scan# 1795
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion: 65 Resp: 47721
Ion Ratio Lower Upper
65 100
92 51.4 50.9 76.3
138 85.6 76.0 114.0

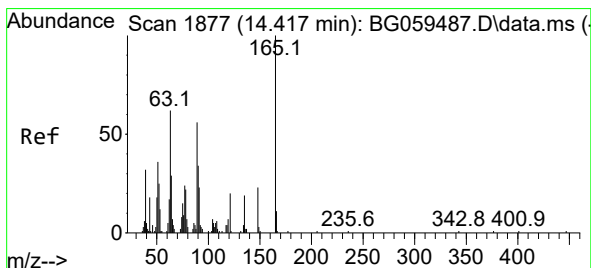
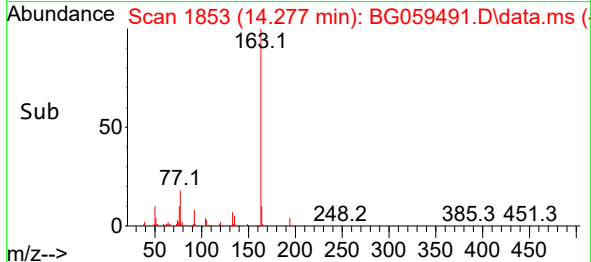
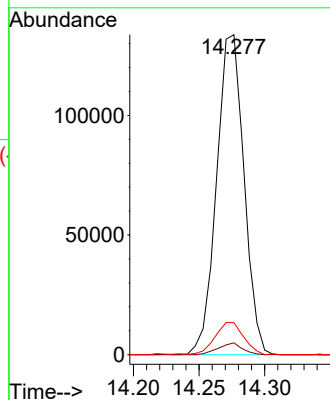
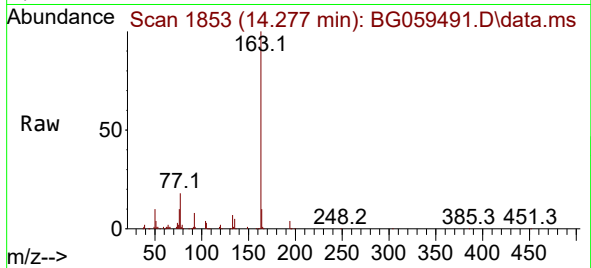




#47
Dimethylphthalate
Concen: 19.137 ng/ul
RT: 14.277 min Scan# 1853
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

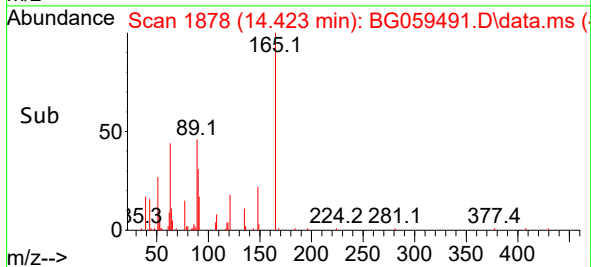
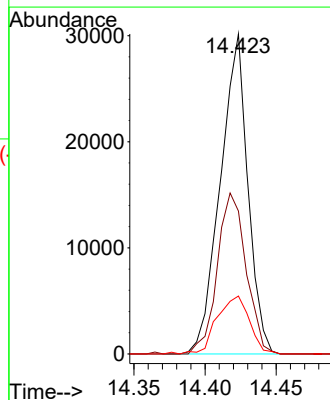
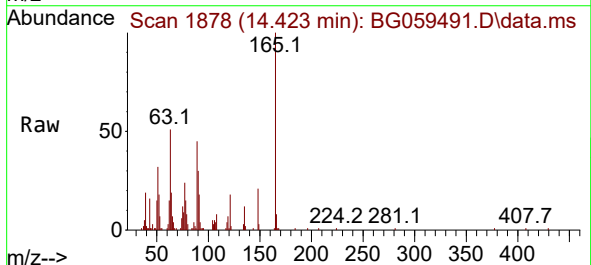
Instrument :
BNA_G
ClientSampleId :
SICV433

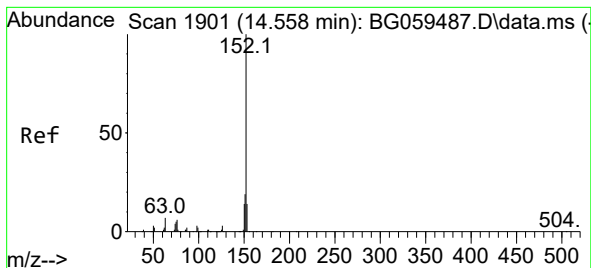
Tgt Ion:163 Resp: 194285
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 20.373 ng/ul
RT: 14.423 min Scan# 1878
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:165 Resp: 40714
Ion Ratio Lower Upper
165 100
89 44.6 45.0 67.6#
121 18.1 16.2 24.2





#50

Acenaphthylene

Concen: 18.574 ng/ul

RT: 14.564 min Scan# 1902

Delta R.T. 0.007 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

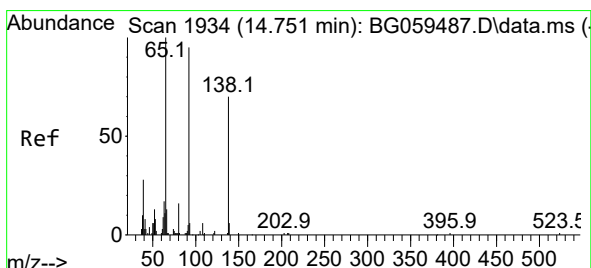
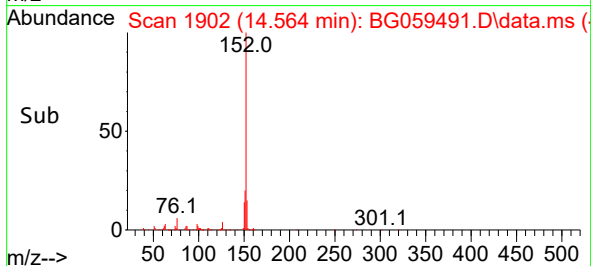
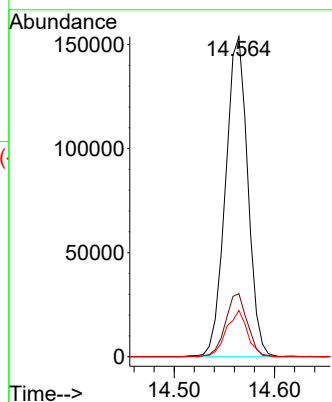
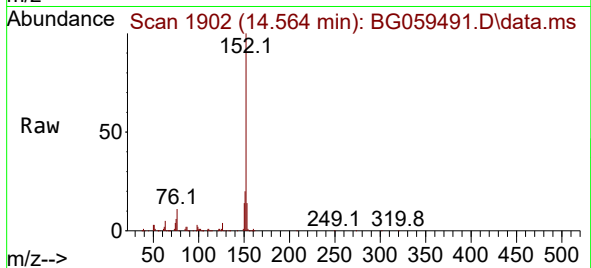
Tgt Ion:152 Resp: 236752

Ion Ratio Lower Upper

152 100

151 19.7 15.0 22.4

153 14.5 11.4 17.2



#51

3-Nitroaniline

Concen: 24.661 ng/ul

RT: 14.758 min Scan# 1935

Delta R.T. 0.007 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

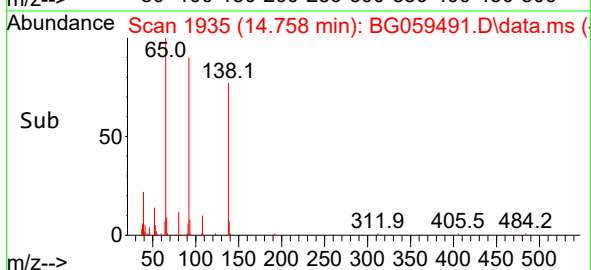
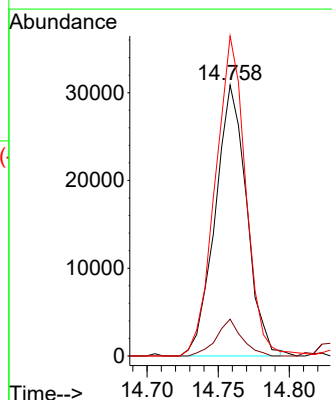
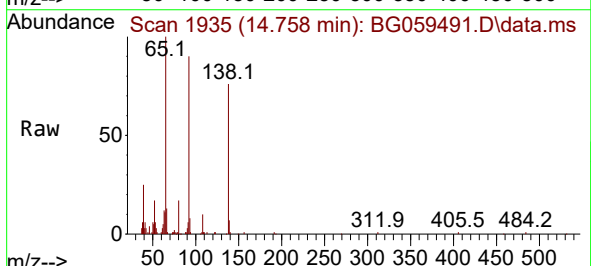
Tgt Ion:138 Resp: 47504

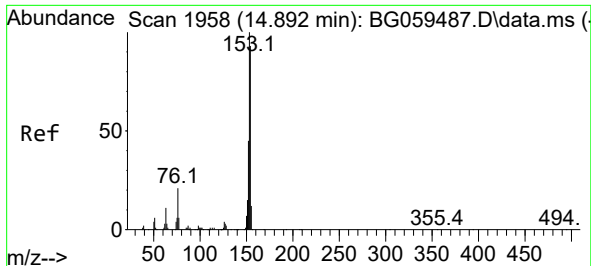
Ion Ratio Lower Upper

138 100

108 13.6 6.9 10.3#

92 118.1 107.8 161.6

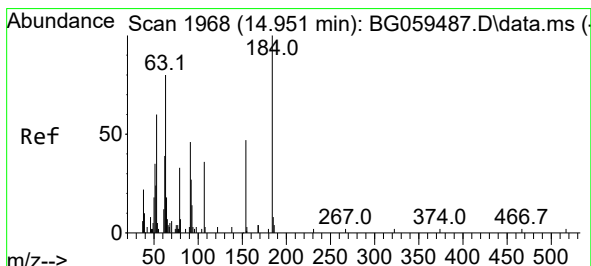
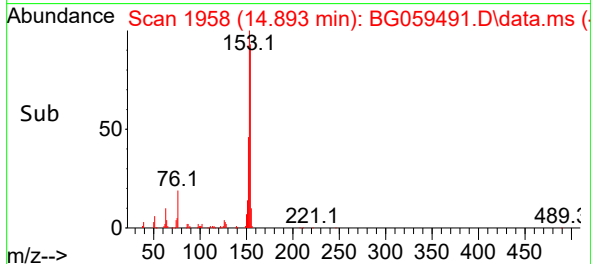
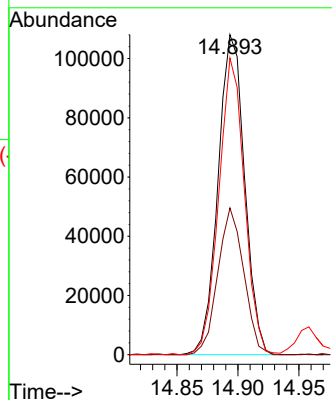
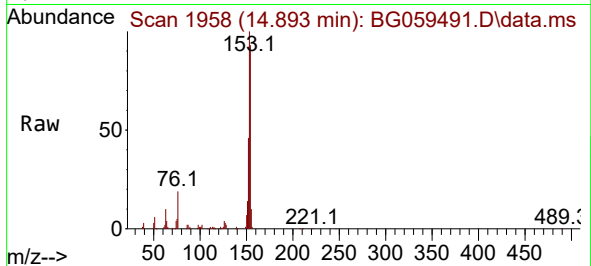




#52
Acenaphthene
Concen: 19.967 ng/ul
RT: 14.893 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

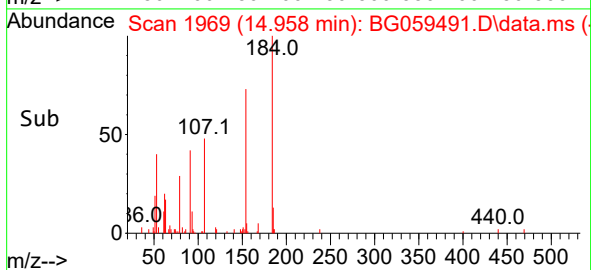
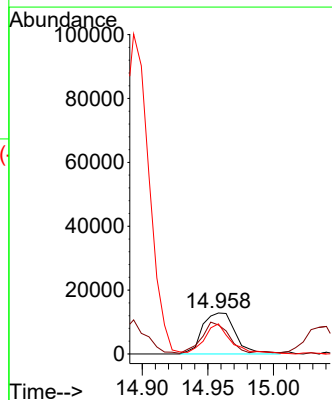
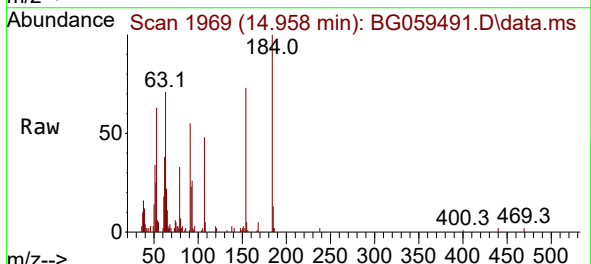
Instrument :
BNA_G
ClientSampleId :
SICV433

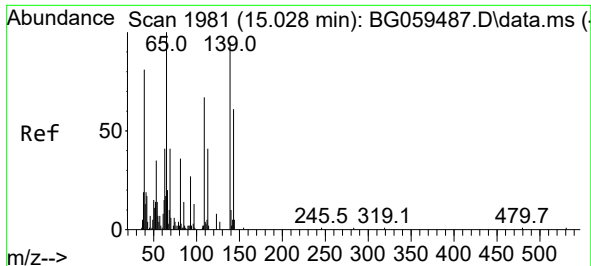
Tgt Ion:153 Resp: 163995
Ion Ratio Lower Upper
153 100
152 45.9 36.0 54.0
154 92.7 74.2 111.4



#53
2,4-Dinitrophenol
Concen: 22.241 ng/ul
RT: 14.958 min Scan# 1969
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:184 Resp: 22547
Ion Ratio Lower Upper
184 100
63 70.7 65.8 98.8
154 73.4 47.5 71.3#

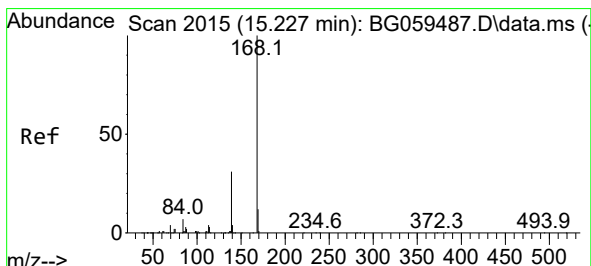
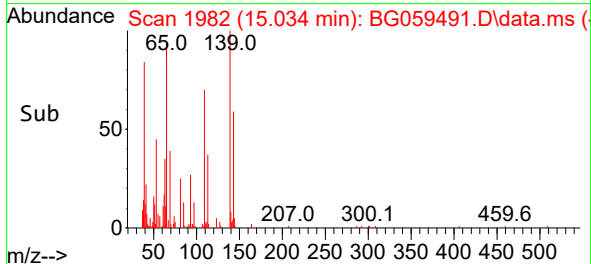
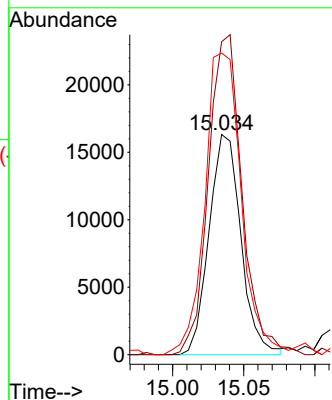
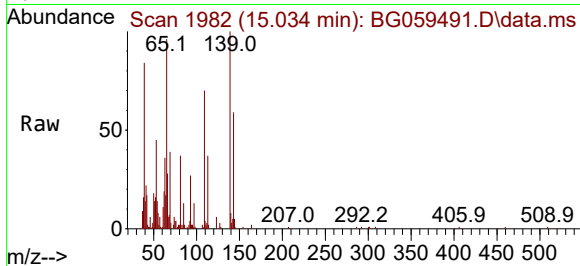




#55
4-Nitrophenol
Concen: 21.746 ng/ul
RT: 15.034 min Scan# 1981
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

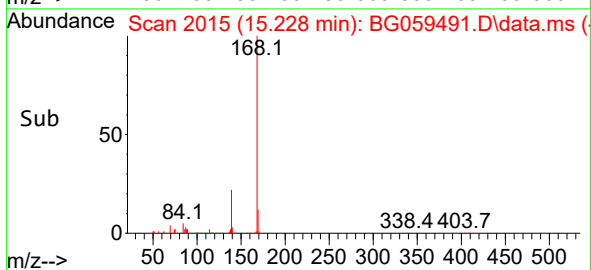
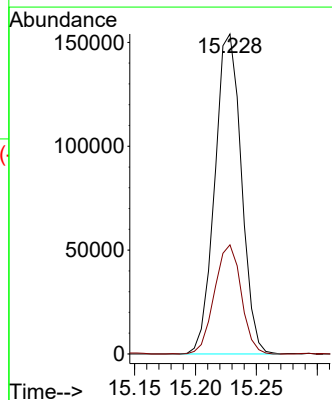
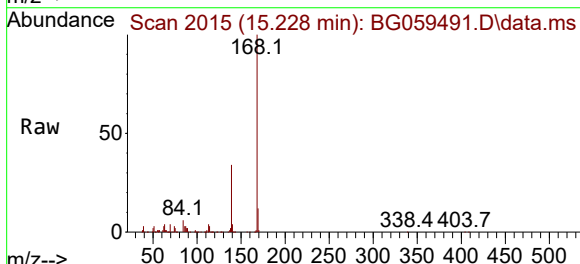
Instrument :
BNA_G
ClientSampleId :
SICV433

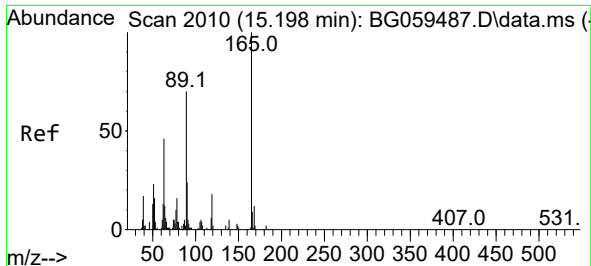
Tgt Ion:109 Resp: 25418
Ion Ratio Lower Upper
109 100
139 142.2 115.1 172.7
65 137.0 121.9 182.9



#56
Dibenzofuran
Concen: 21.078 ng/ul
RT: 15.228 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:168 Resp: 233423
Ion Ratio Lower Upper
168 100
139 34.1 25.0 37.4

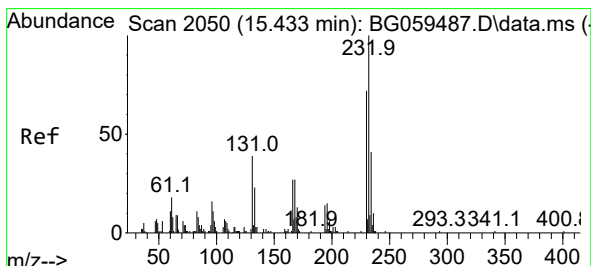
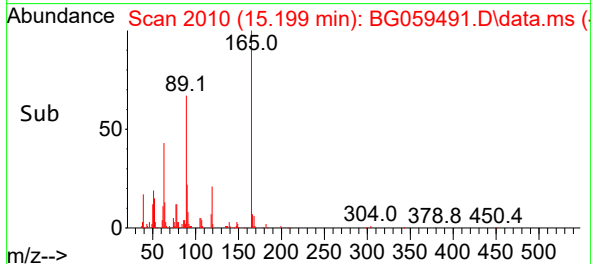
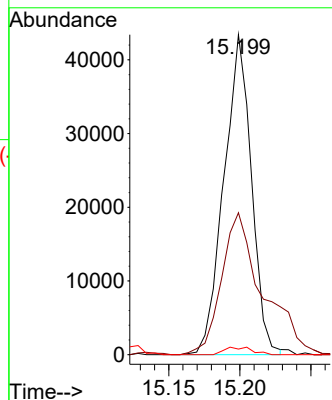
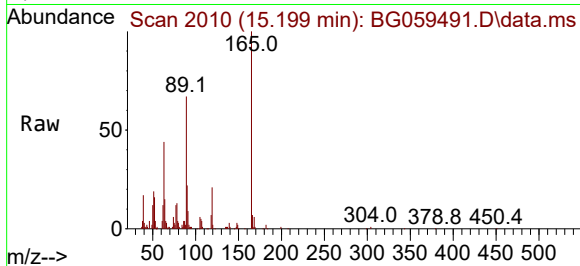




#57
 2,4-Dinitrotoluene
 Concen: 21.348 ng/ul
 RT: 15.199 min Scan# 2010
 Delta R.T. 0.001 min
 Lab File: BG059491.D
 Acq: 19 Oct 2023 16:07

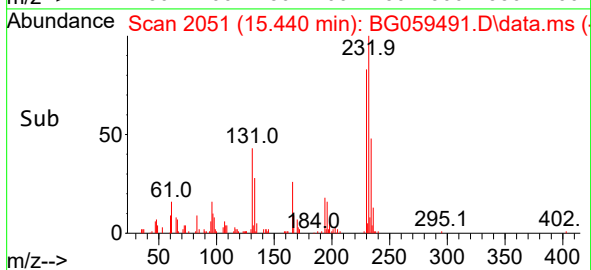
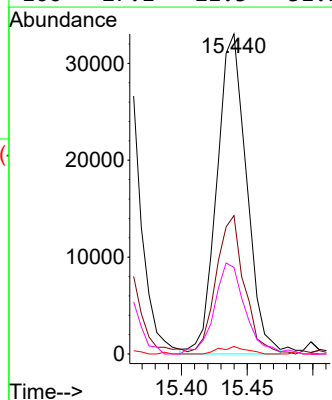
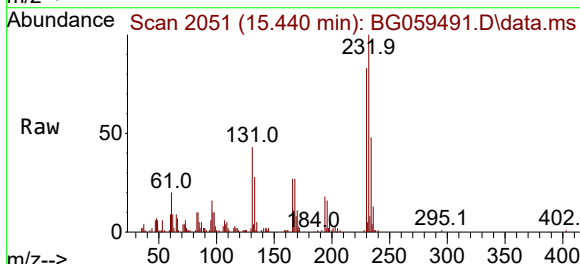
Instrument :
 BNA_G
 ClientSampleId :
 SICV433

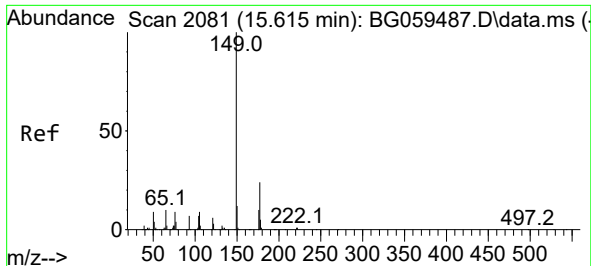
Tgt Ion:165 Resp: 58383
 Ion Ratio Lower Upper
 165 100
 63 44.4 37.5 56.3
 182 1.7 1.8 2.8#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.072 ng/ul
 RT: 15.440 min Scan# 2051
 Delta R.T. 0.007 min
 Lab File: BG059491.D
 Acq: 19 Oct 2023 16:07

Tgt Ion:232 Resp: 51778
 Ion Ratio Lower Upper
 232 100
 131 43.3 31.0 46.6
 130 2.4 1.5 2.3#
 166 27.1 21.3 31.9

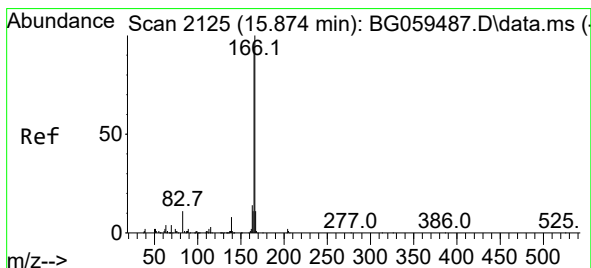
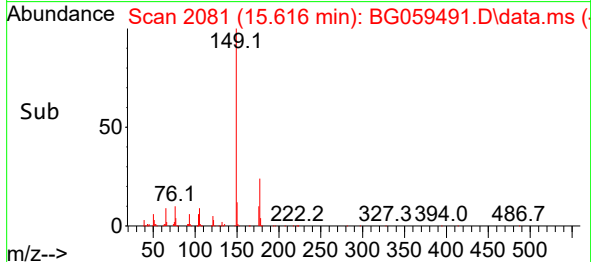
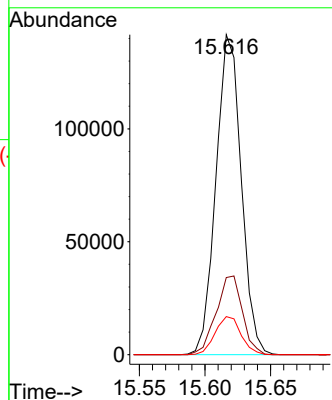
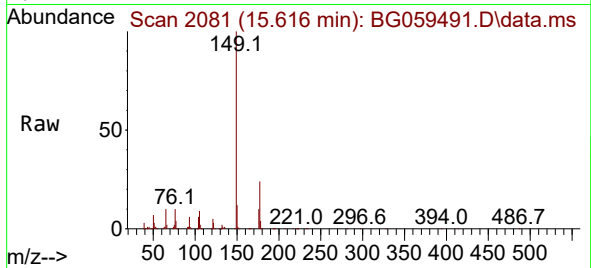




#59
Diethylphthalate
Concen: 20.467 ng/ul
RT: 15.616 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

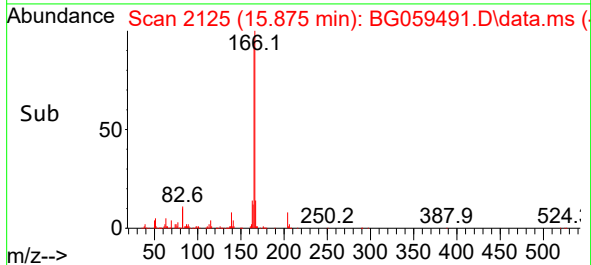
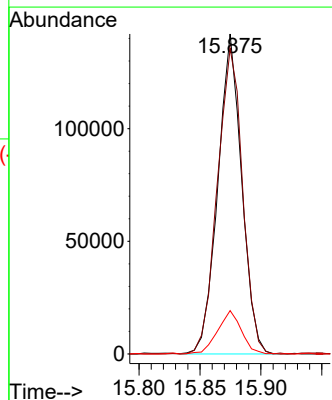
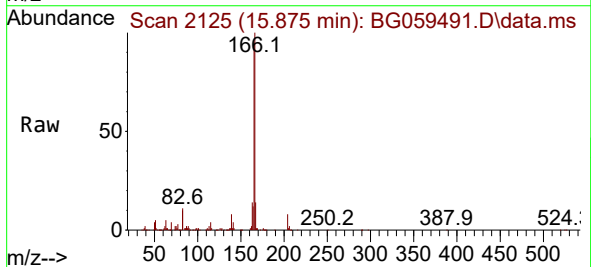
Instrument :
BNA_G
ClientSampleId :
SICV433

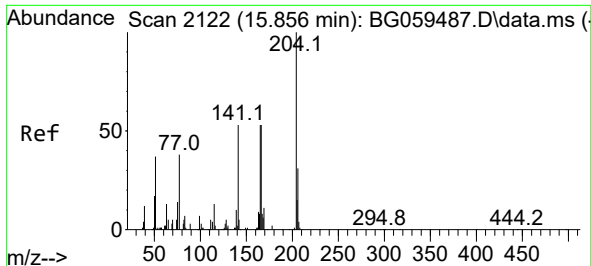
Tgt Ion:149 Resp: 189643
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 11.9 10.0 15.0



#61
Fluorene
Concen: 20.817 ng/ul
RT: 15.875 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:166 Resp: 192970
Ion Ratio Lower Upper
166 100
165 95.5 74.8 112.2
167 13.5 9.0 13.6

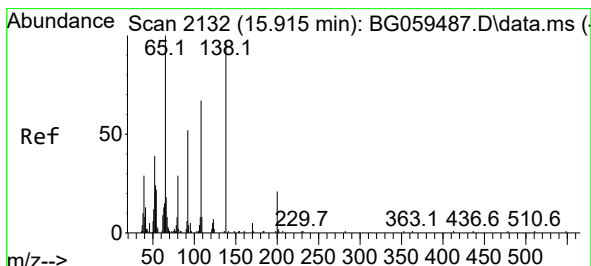
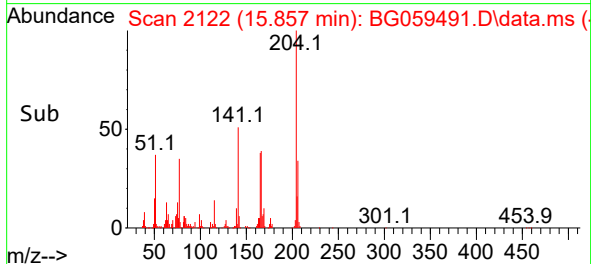
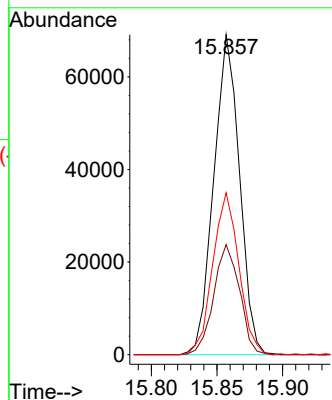
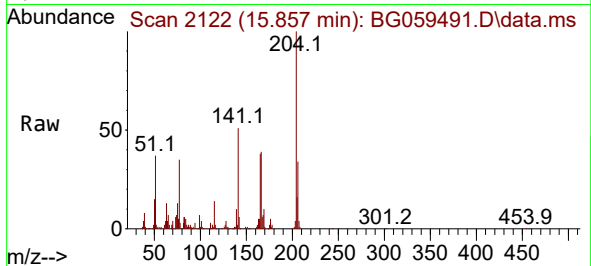




#62
4-Chlorophenyl-phenylether
Concen: 19.920 ng/ul
RT: 15.857 min Scan# 2122
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

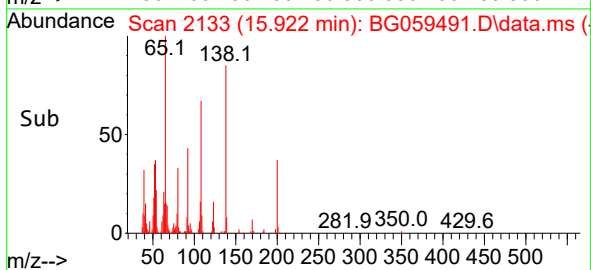
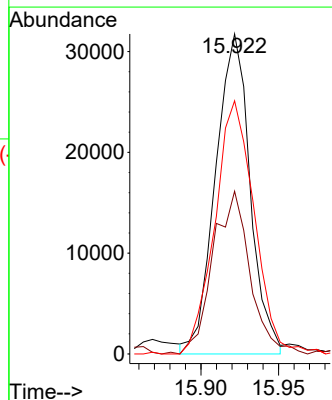
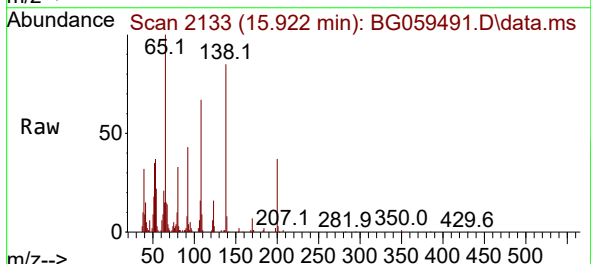
Instrument :
BNA_G
ClientSampleId :
SICV433

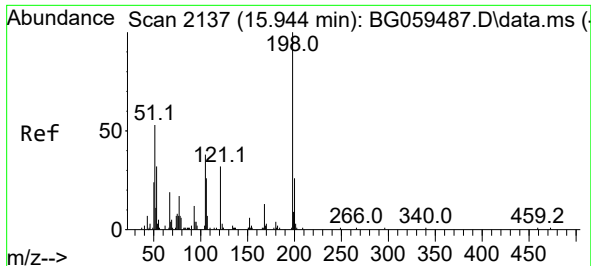
Tgt Ion:204 Resp: 94209
Ion Ratio Lower Upper
204 100
206 34.4 25.0 37.6
141 50.6 42.7 64.1



#63
4-Nitroaniline
Concen: 26.343 ng/ul
RT: 15.922 min Scan# 2133
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:138 Resp: 49141
Ion Ratio Lower Upper
138 100
92 50.8 42.5 63.7
108 79.1 54.6 81.8

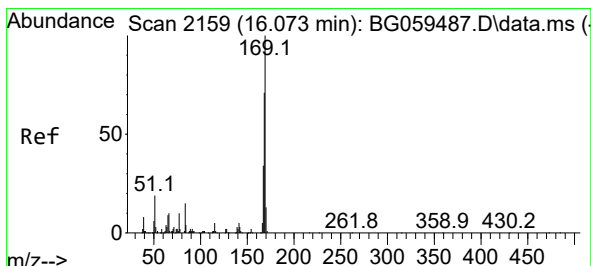
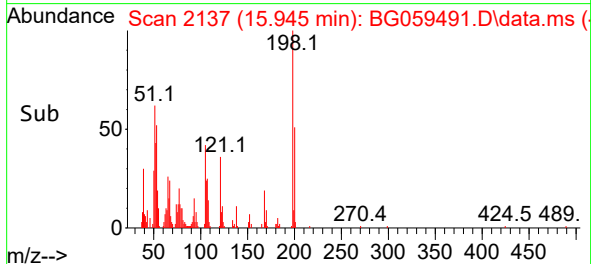
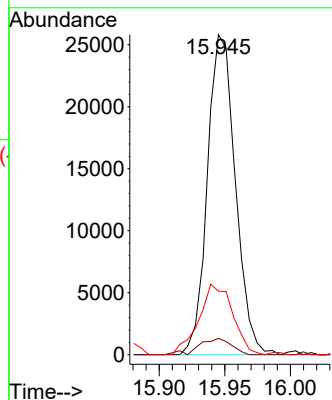
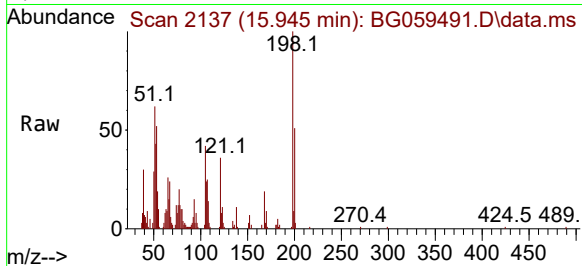




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.636 ng/ul
 RT: 15.945 min Scan# 2137
 Delta R.T. 0.001 min
 Lab File: BG059491.D
 Acq: 19 Oct 2023 16:07

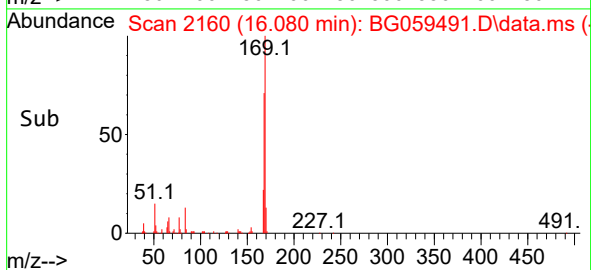
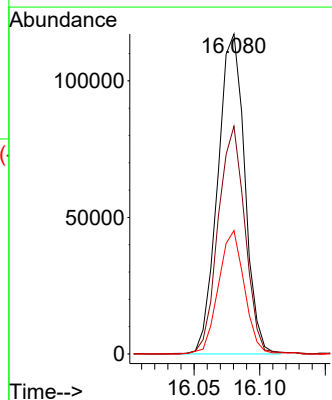
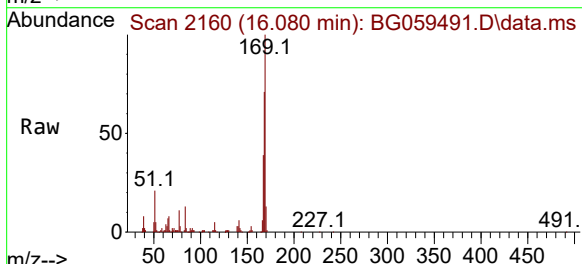
Instrument :
 BNA_G
 ClientSampleId :
 SICV433

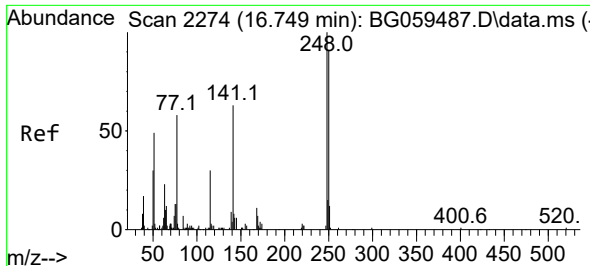
Tgt Ion:198 Resp: 38340
 Ion Ratio Lower Upper
 198 100
 182 5.1 1.5 2.3#
 77 19.8 13.4 20.0



#67
 N-Nitrosodiphenylamine
 Concen: 20.818 ng/ul
 RT: 16.080 min Scan# 2160
 Delta R.T. 0.007 min
 Lab File: BG059491.D
 Acq: 19 Oct 2023 16:07

Tgt Ion:169 Resp: 167543
 Ion Ratio Lower Upper
 169 100
 168 71.1 56.6 84.8
 167 38.6 27.3 40.9

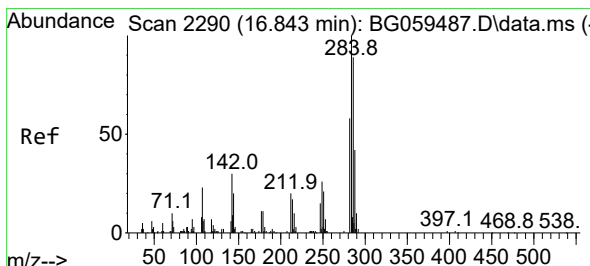
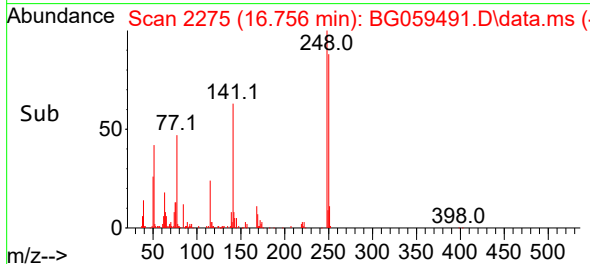
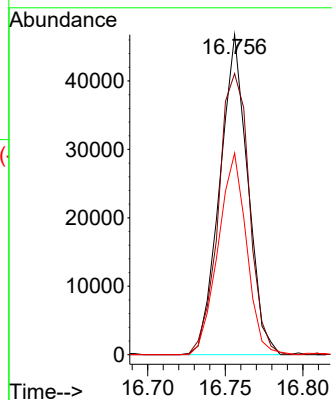
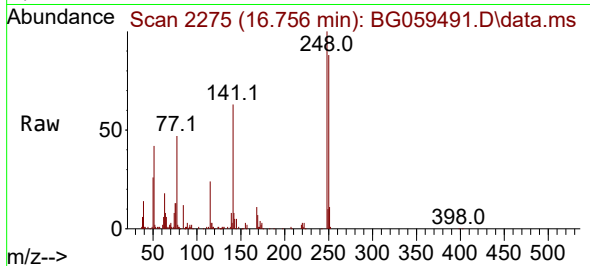




#68
4-Bromophenyl-phenylether
Concen: 19.957 ng/ul
RT: 16.756 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

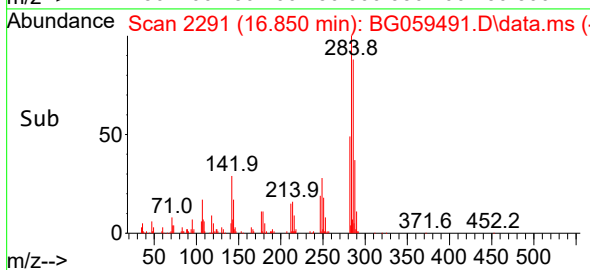
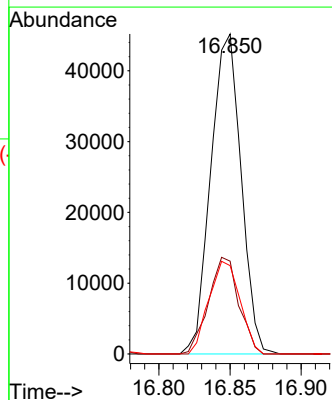
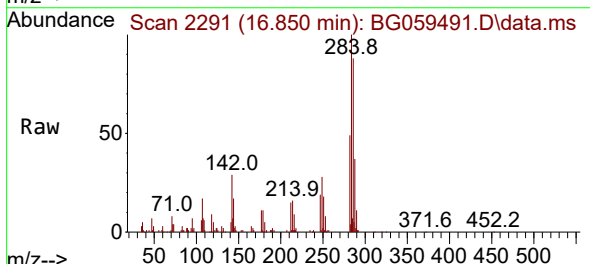
Instrument :
BNA_G
ClientSampleId :
SICV433

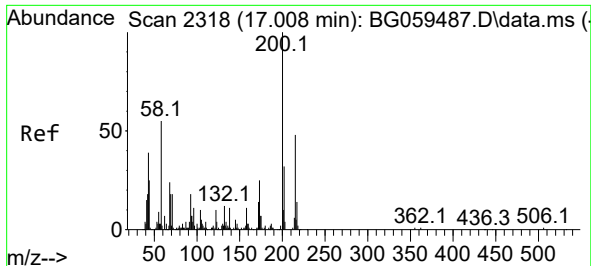
Tgt Ion:248 Resp: 58634
Ion Ratio Lower Upper
248 100
250 87.9 73.0 109.6
141 63.0 50.7 76.1



#69
Hexachlorobenzene
Concen: 20.149 ng/ul
RT: 16.850 min Scan# 2291
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:284 Resp: 67053
Ion Ratio Lower Upper
284 100
142 29.0 24.6 36.8
249 27.6 21.0 31.6

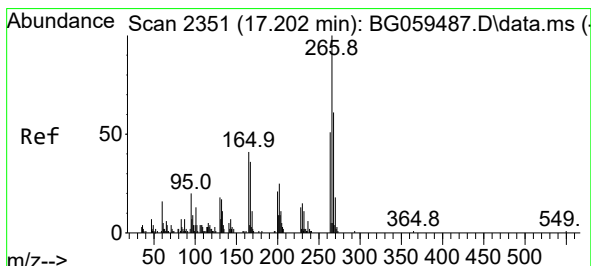
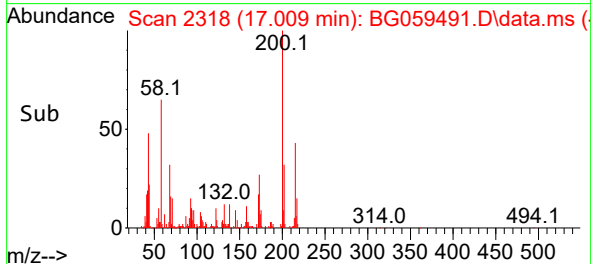
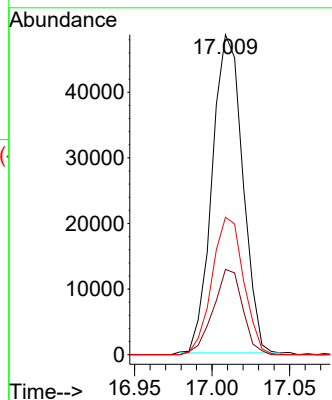
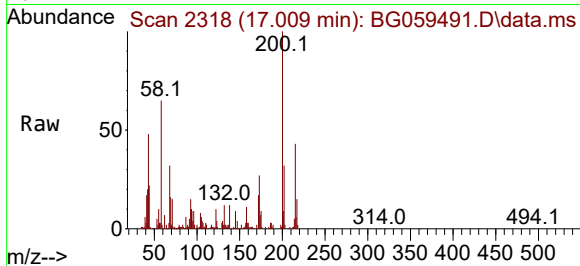




#70
Atrazine
Concen: 23.150 ng/ul
RT: 17.009 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

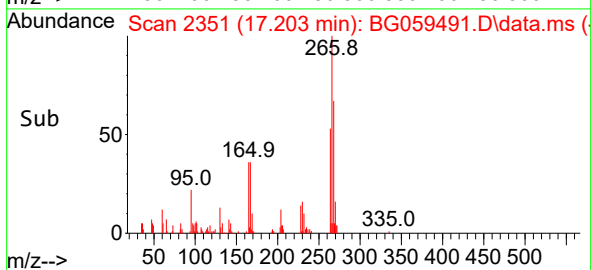
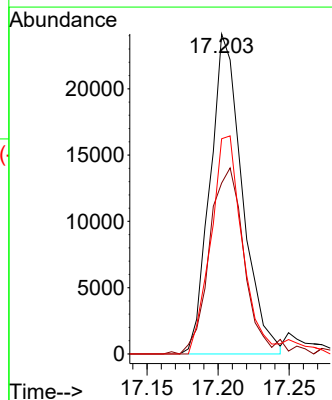
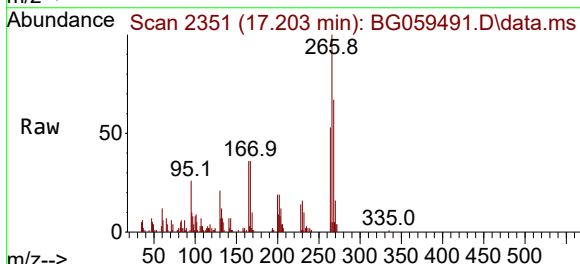
Instrument :
BNA_G
ClientSampleId :
SICV433

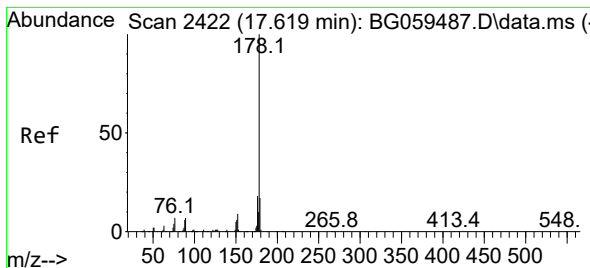
Tgt Ion:200 Resp: 66444
Ion Ratio Lower Upper
200 100
173 26.7 20.2 30.4
215 43.0 38.4 57.6



#71
Pentachlorophenol
Concen: 20.337 ng/ul
RT: 17.203 min Scan# 2351
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:266 Resp: 38011
Ion Ratio Lower Upper
266 100
264 58.9 41.8 62.6
268 67.3 53.2 79.8





#72

Phenanthrene

Concen: 20.094 ng/ul

RT: 17.620 min Scan# 2422

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

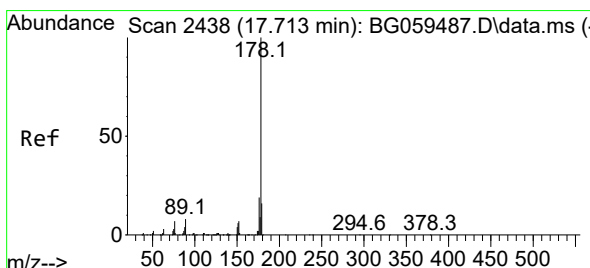
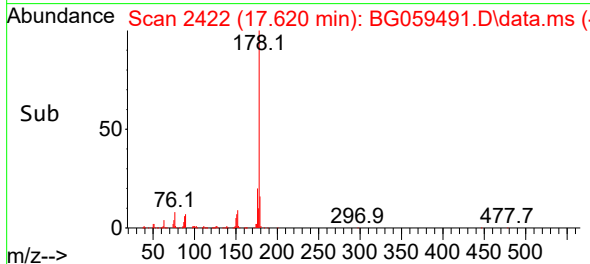
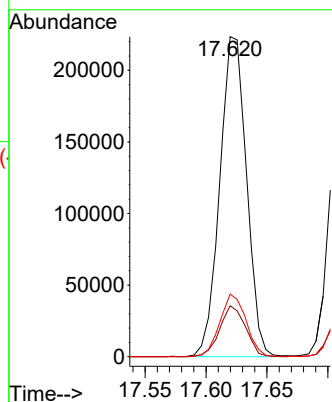
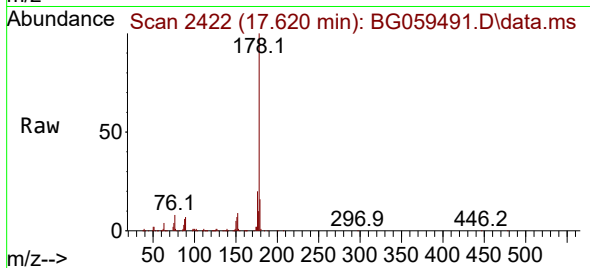
Tgt Ion:178 Resp: 341567

Ion Ratio Lower Upper

178 100

179 15.9 13.3 19.9

176 19.5 14.3 21.5



#74

Anthracene

Concen: 20.378 ng/ul

RT: 17.714 min Scan# 2438

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

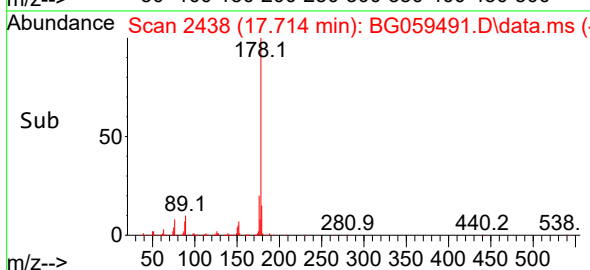
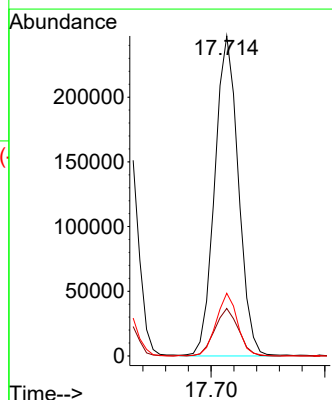
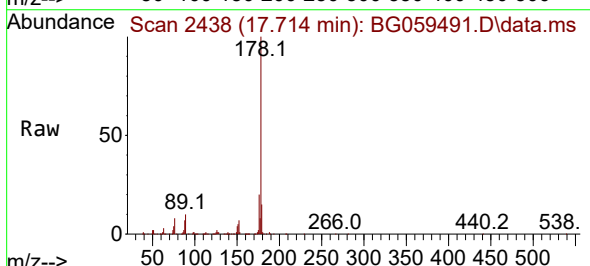
Tgt Ion:178 Resp: 356628

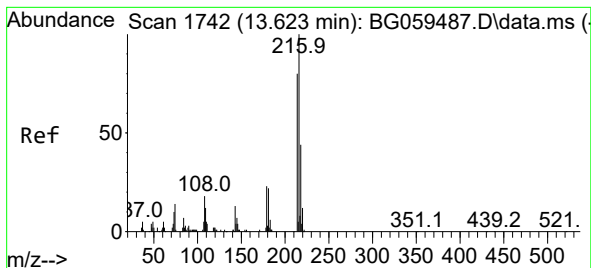
Ion Ratio Lower Upper

178 100

179 14.8 12.6 18.8

176 19.6 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.022 ng/uL

RT: 13.624 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

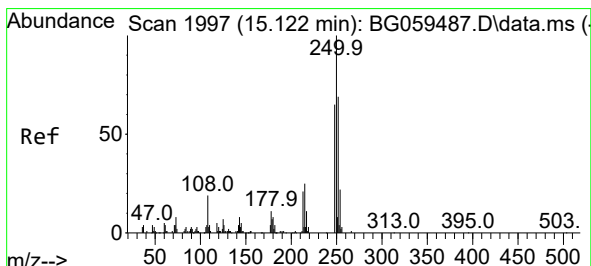
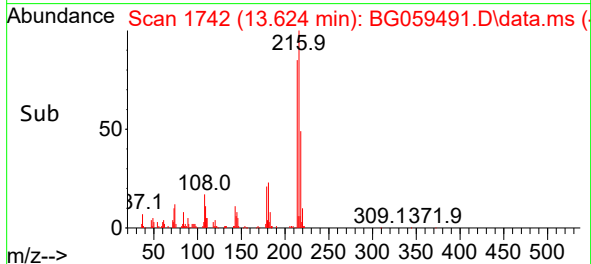
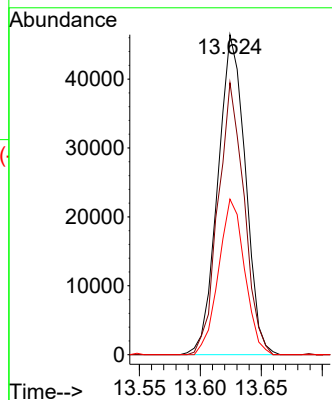
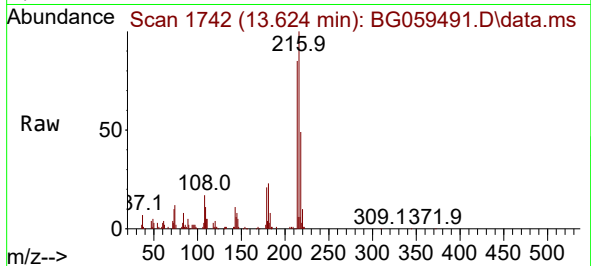
Tgt Ion:216 Resp: 72895

Ion Ratio Lower Upper

216 100

214 85.0 64.4 96.6

218 48.6 34.9 52.3



#76

Pentachlorobenzene

Concen: 19.101 ng/uL

RT: 15.123 min Scan# 1997

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

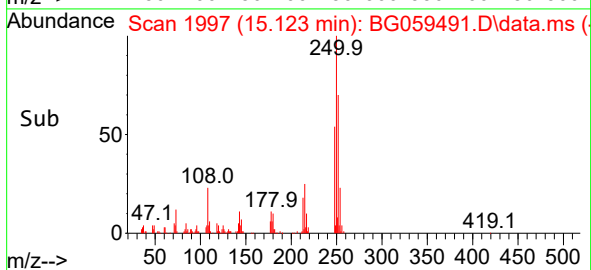
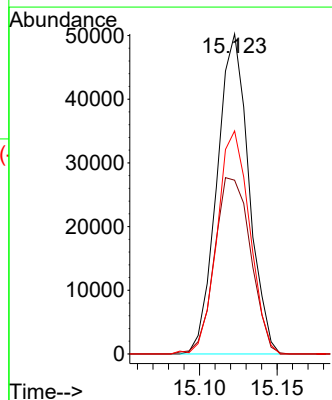
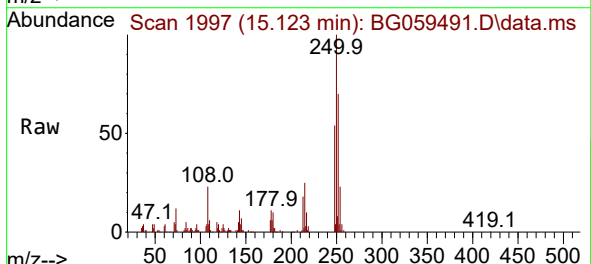
Tgt Ion:250 Resp: 71690

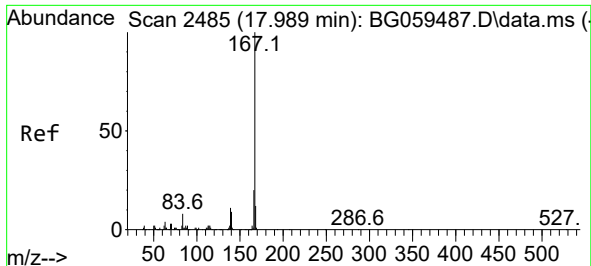
Ion Ratio Lower Upper

250 100

248 54.3 51.8 77.8

252 69.7 55.0 82.4

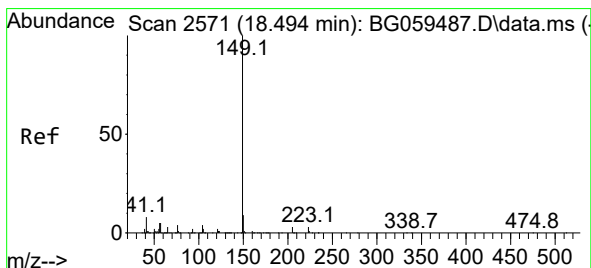
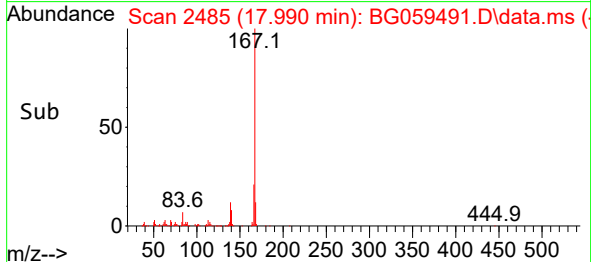
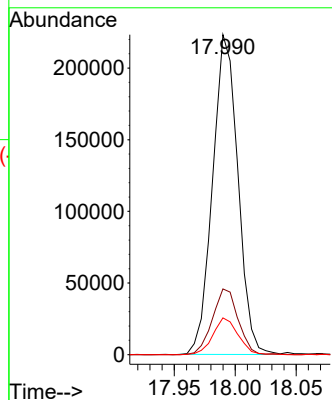
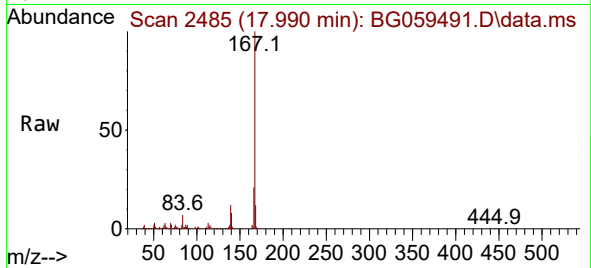




#77
 Carbazole
 Concen: 22.986 ng/ul
 RT: 17.990 min Scan# 2485
 Delta R.T. 0.001 min
 Lab File: BG059491.D
 Acq: 19 Oct 2023 16:07

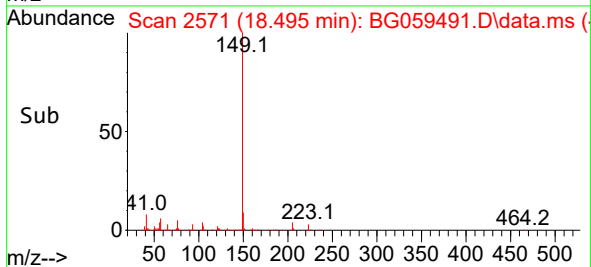
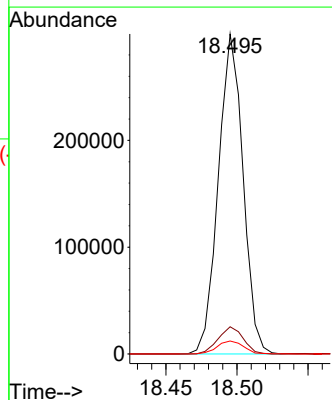
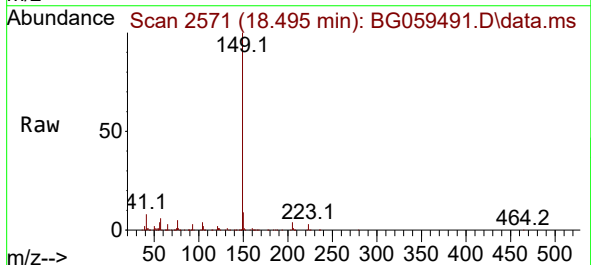
Instrument :
 BNA_G
 ClientSampleId :
 SICV433

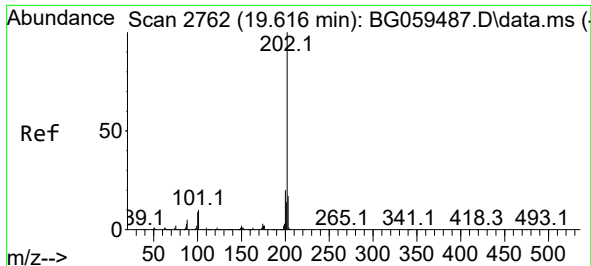
Tgt Ion:167 Resp: 322397
 Ion Ratio Lower Upper
 167 100
 166 20.6 15.8 23.6
 139 11.5 8.7 13.1



#78
 Di-n-butylphthalate
 Concen: 21.124 ng/ul
 RT: 18.495 min Scan# 2571
 Delta R.T. 0.001 min
 Lab File: BG059491.D
 Acq: 19 Oct 2023 16:07

Tgt Ion:149 Resp: 361628
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.3 10.9
 104 4.1 3.5 5.3

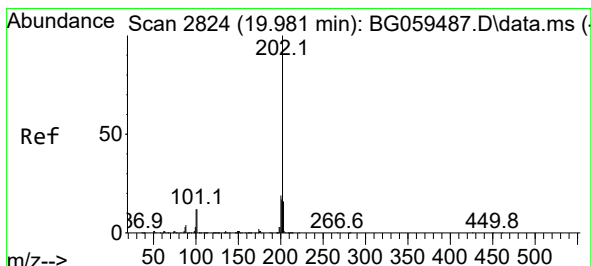
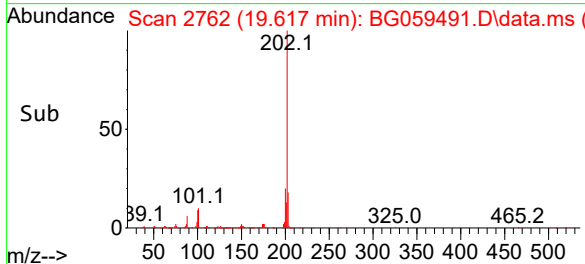
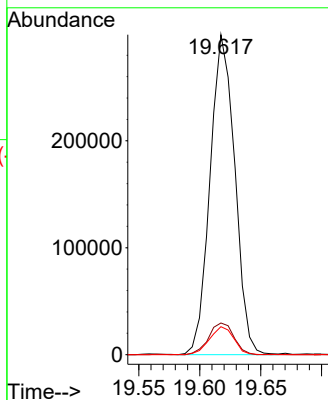
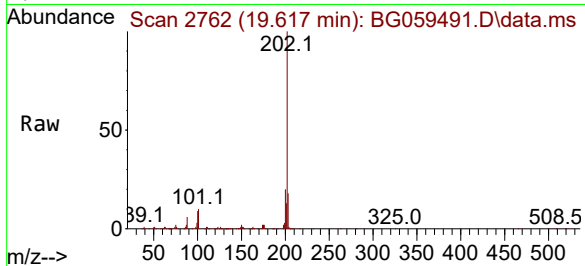




#80
Fluoranthene
Concen: 20.650 ng/ul
RT: 19.617 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

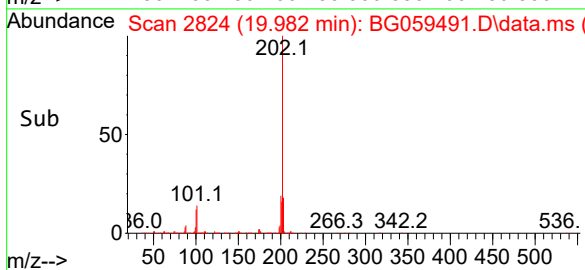
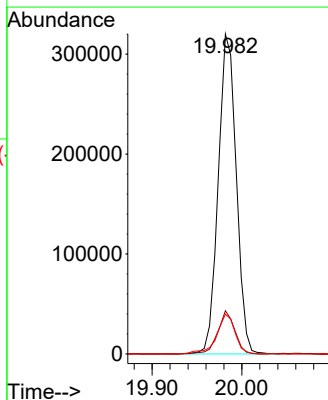
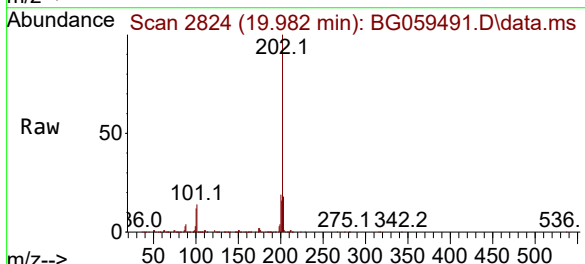
Instrument :
BNA_G
ClientSampleId :
SICV433

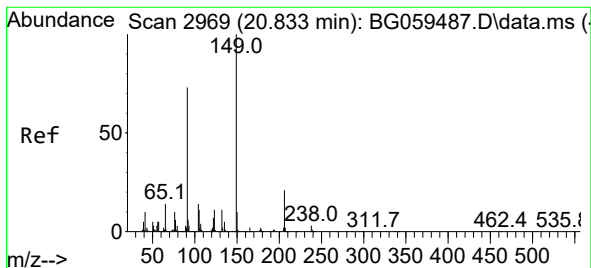
Tgt Ion:202 Resp: 423313
Ion Ratio Lower Upper
202 100
101 9.9 8.1 12.1
100 8.7 7.3 10.9



#82
Pyrene
Concen: 20.674 ng/ul
RT: 19.982 min Scan# 2824
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:202 Resp: 446711
Ion Ratio Lower Upper
202 100
101 13.5 9.4 14.0
100 12.4 9.4 14.0





#83

Butylbenzylphthalate

Concen: 20.998 ng/ul

RT: 20.834 min Scan# 2969

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

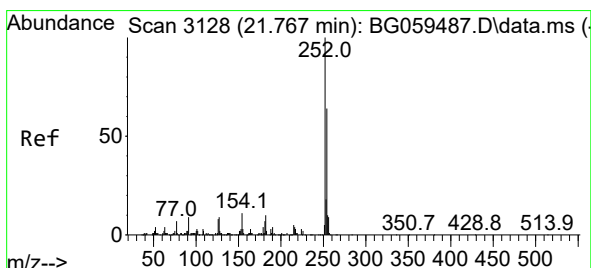
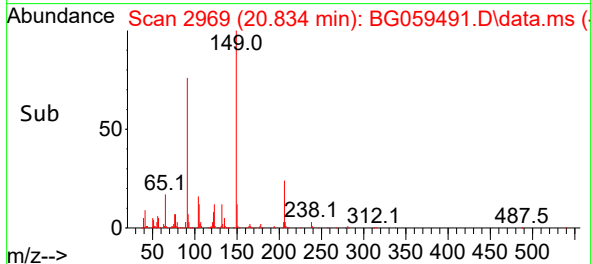
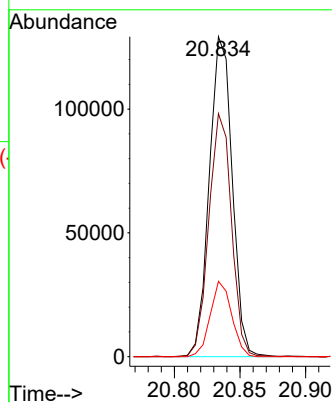
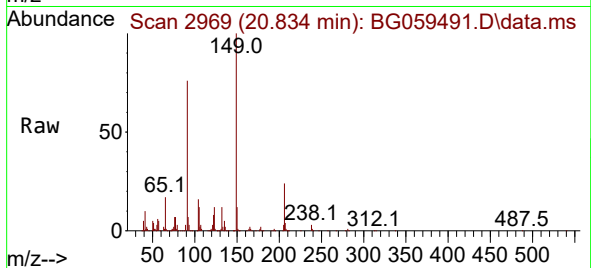
Tgt Ion:149 Resp: 157480

Ion Ratio Lower Upper

149 100

91 75.9 58.6 87.8

206 23.5 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 24.534 ng/ul

RT: 21.768 min Scan# 3128

Delta R.T. 0.001 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

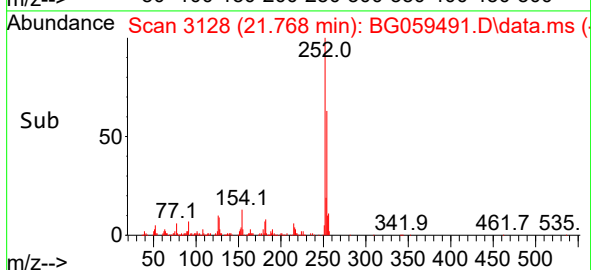
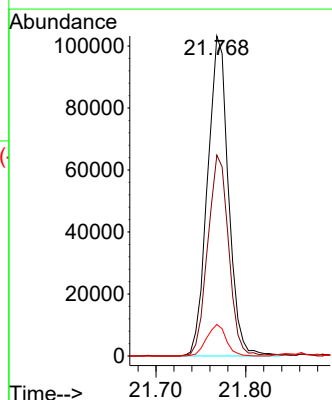
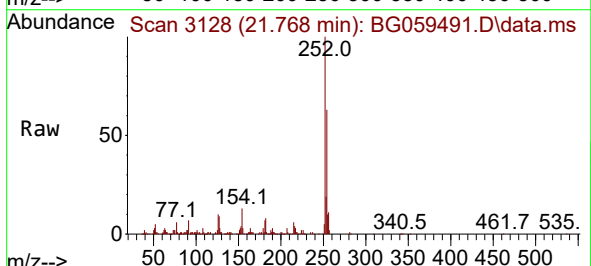
Tgt Ion:252 Resp: 166743

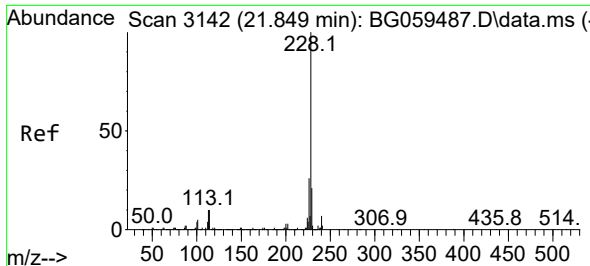
Ion Ratio Lower Upper

252 100

254 62.7 50.8 76.2

126 9.8 6.5 9.7#

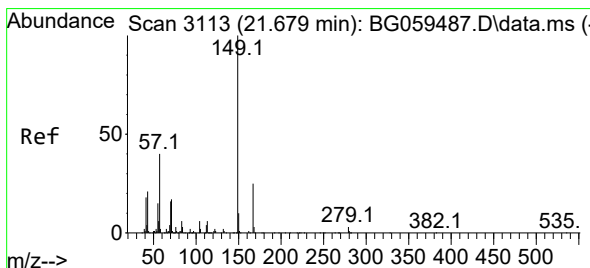
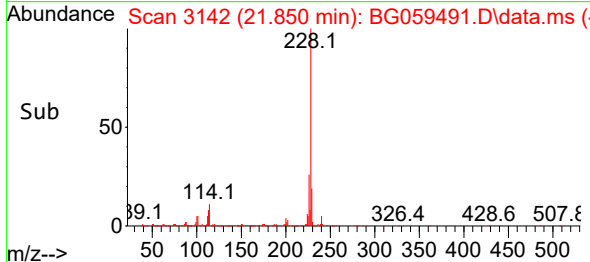
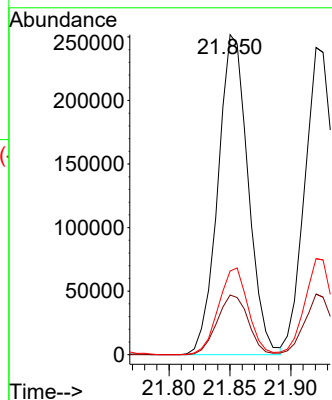
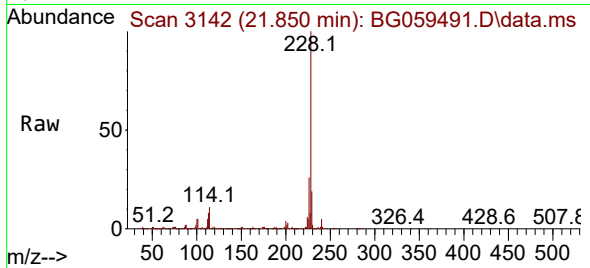




#85
Benzo(a)anthracene
Concen: 20.711 ng/ul
RT: 21.850 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

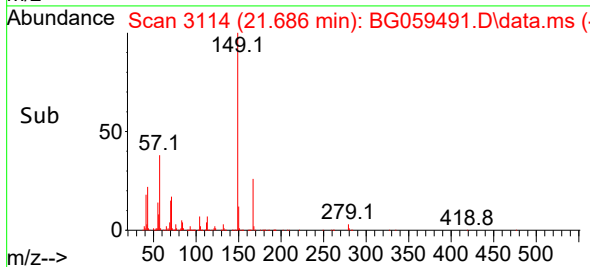
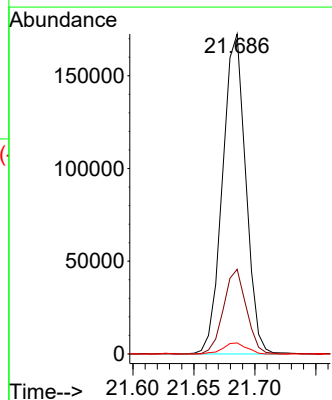
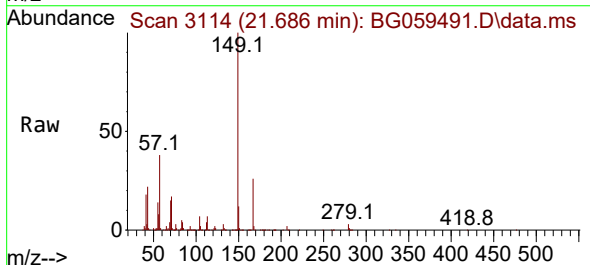
Instrument :
BNA_G
ClientSampleId :
SICV433

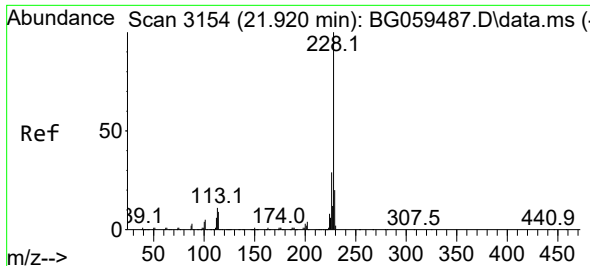
Tgt Ion:228 Resp: 434267
Ion Ratio Lower Upper
228 100
229 18.7 16.7 25.1
226 26.1 21.0 31.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.904 ng/ul
RT: 21.686 min Scan# 3114
Delta R.T. 0.007 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:149 Resp: 228728
Ion Ratio Lower Upper
149 100
167 26.5 20.4 30.6
279 3.5 2.6 3.8

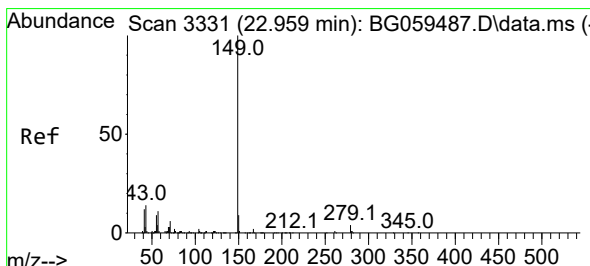
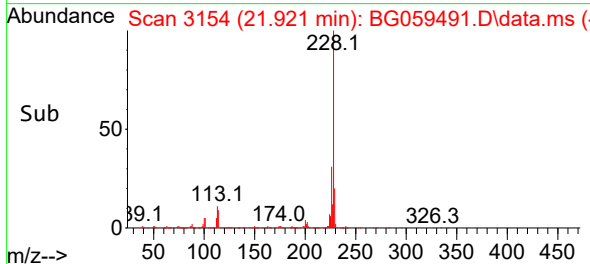
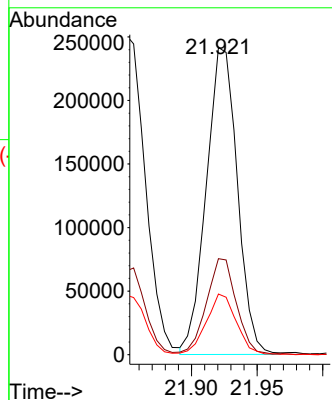
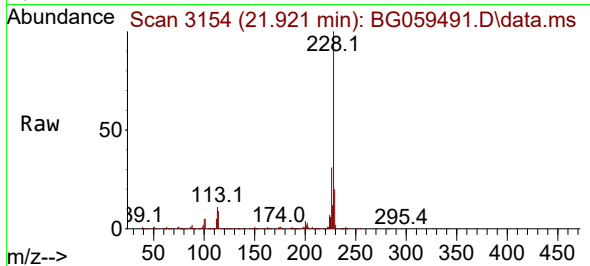




#87
Chrysene
Concen: 20.306 ng/ul
RT: 21.921 min Scan# 3154
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

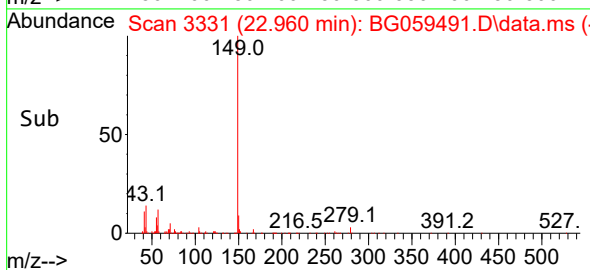
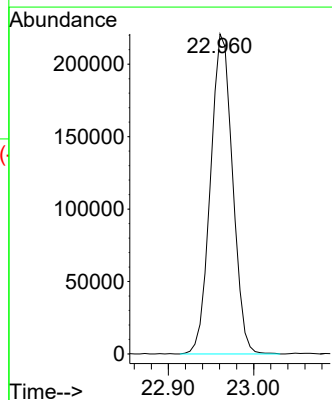
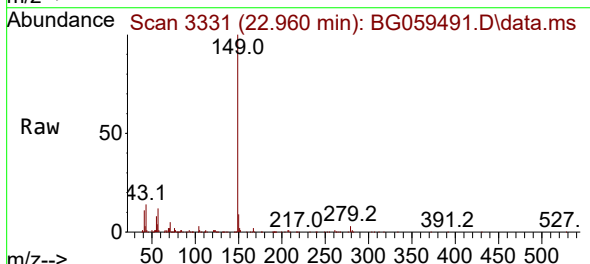
Instrument :
BNA_G
ClientSampleId :
SICV433

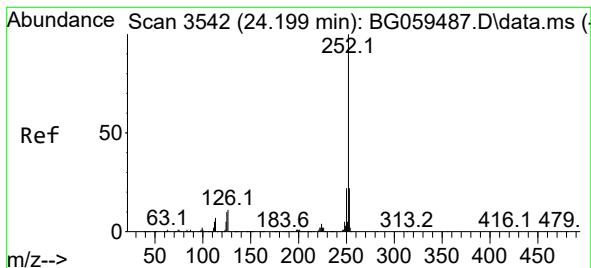
Tgt Ion:228 Resp: 398018
Ion Ratio Lower Upper
228 100
226 31.2 23.3 34.9
229 19.7 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 17.520 ng/ul
RT: 22.960 min Scan# 3331
Delta R.T. 0.001 min
Lab File: BG059491.D
Acq: 19 Oct 2023 16:07

Tgt Ion:149 Resp: 397899





#90

Benzo(b)fluoranthene

Concen: 21.203 ng/ul

RT: 24.206 min Scan# 3543

Delta R.T. 0.007 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

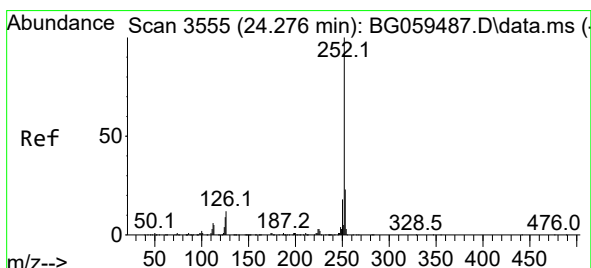
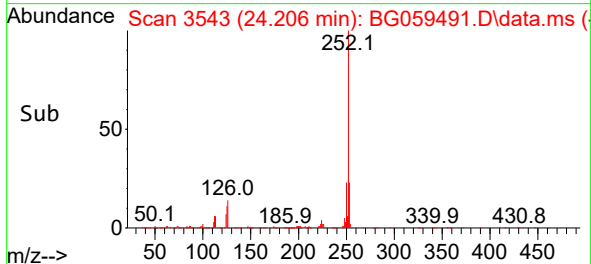
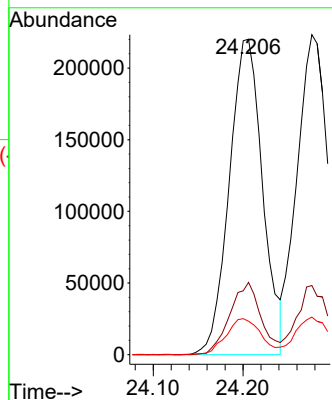
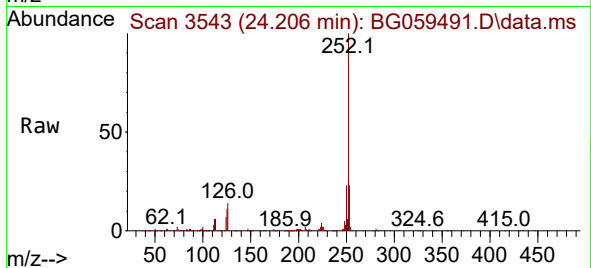
Tgt Ion:252 Resp: 567496

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 10.6 8.2 12.2



#91

Benzo(k)fluoranthene

Concen: 20.508 ng/ul

RT: 24.206 min Scan# 3543

Delta R.T. -0.070 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

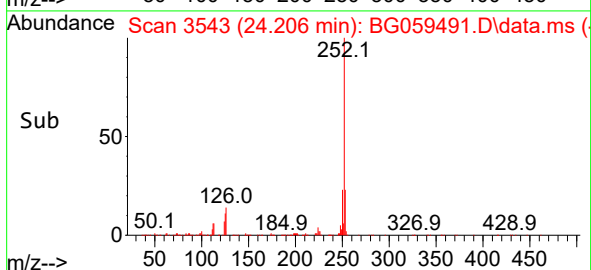
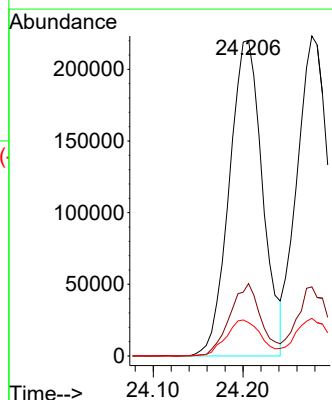
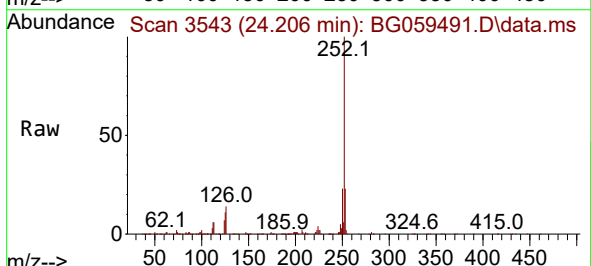
Tgt Ion:252 Resp: 567496

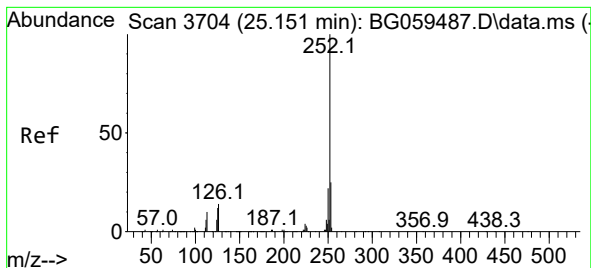
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 10.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 19.282 ng/ul

RT: 25.158 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

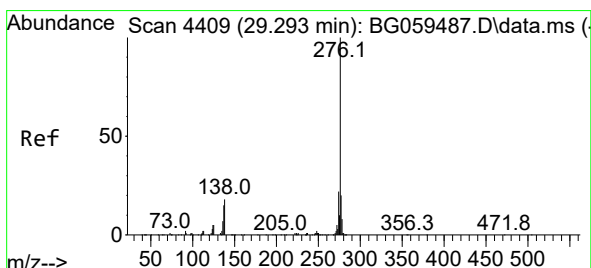
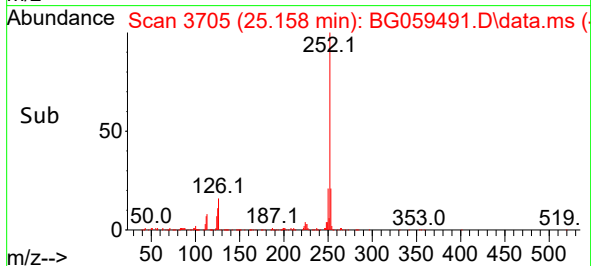
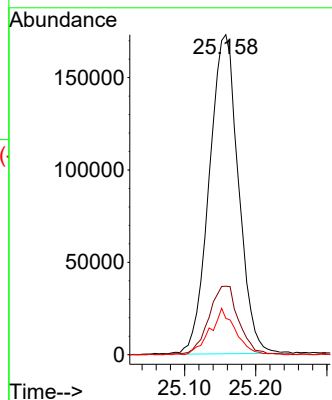
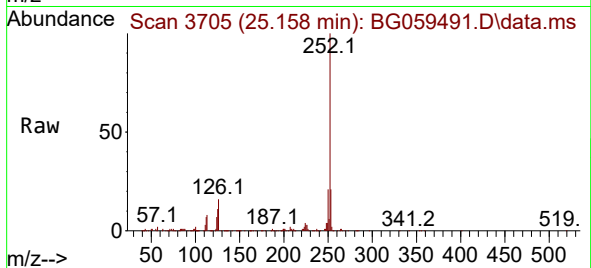
Tgt Ion:252 Resp: 491609

Ion Ratio Lower Upper

252 100

253 21.4 20.0 30.0

125 11.3 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.420 ng/ul

RT: 29.300 min Scan# 4410

Delta R.T. 0.007 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

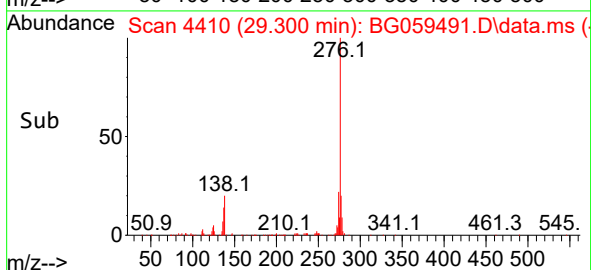
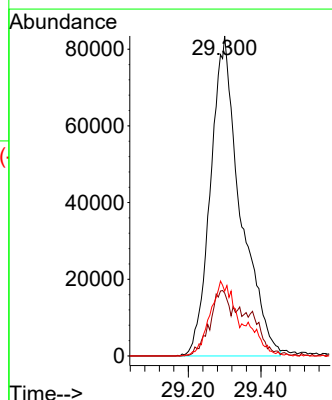
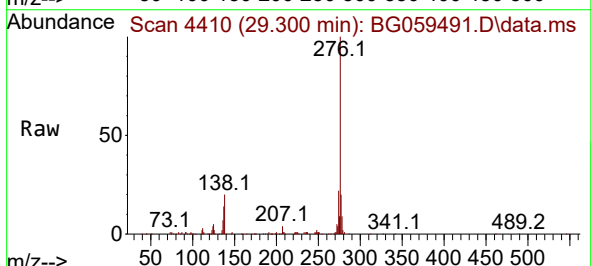
Tgt Ion:276 Resp: 476540

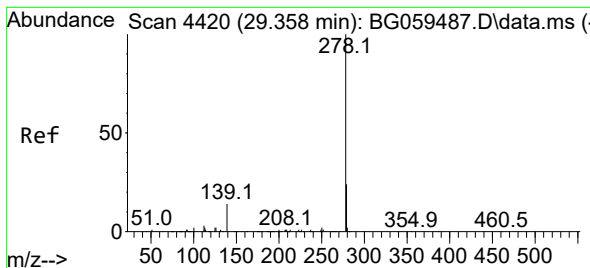
Ion Ratio Lower Upper

276 100

138 19.7 14.2 21.4

277 20.2 16.1 24.1





#95

Dibenzo(a,h)anthracene

Concen: 16.398 ng/ul

RT: 29.371 min Scan# 4422

Delta R.T. 0.013 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Instrument :

BNA_G

ClientSampleId :

SICV433

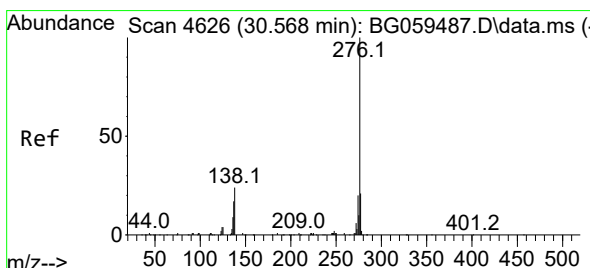
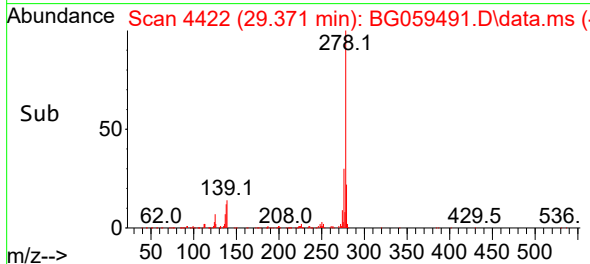
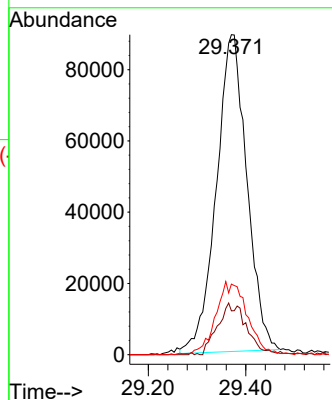
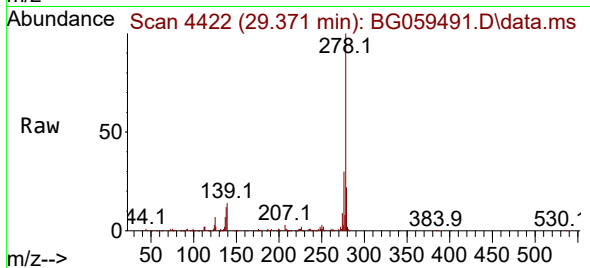
Tgt Ion:278 Resp: 387036

Ion Ratio Lower Upper

278 100

139 13.7 11.3 16.9

279 22.1 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 15.616 ng/ul

RT: 30.563 min Scan# 4625

Delta R.T. -0.005 min

Lab File: BG059491.D

Acq: 19 Oct 2023 16:07

Tgt Ion:276 Resp: 380593

Ion Ratio Lower Upper

276 100

138 20.9 19.1 28.7

277 22.5 16.9 25.3

