

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101923\
 Data File : BG059490.D
 Acq On : 19 Oct 2023 13:13
 Operator : MA/JU
 Sample : SSTD16060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD160432

Quant Time: Oct 20 02:37:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 20 02:34:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	56430	20.000	ng/ul	0.01
20) Naphthalene-d8	11.037	136	201008	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.832	164	126801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.582	188	298437	20.000	ng/ul	0.00
79) Chrysene-d12	21.883	240	252386	20.000	ng/ul	0.01
88) Perylene-d12	25.332	264	388177	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	77286	42.963	ng/uL	0.00
4) Pyridine-d5	3.910	84	793771	129.224	ng/ul	0.00
7) Phenol-d5	7.329	99	771442	137.192	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.517	67	414520	128.607	ng/ul	0.01
11) 2-Chlorophenol-d4	7.711	132	851812	189.648	ng/ul	0.01
15) 4-Methylphenol-d8	8.898	113	847642	174.977	ng/ul	0.02
21) Nitrobenzene-d5	9.398	128	297746	151.785	ng/ul	0.01
24) 2-Nitrophenol-d4	10.120	143	324709	168.169	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.643	165	581686	162.835	ng/ul	0.01
31) 4-Chloroaniline-d4	11.190	131	855089	161.204	ng/ul	0.02
46) Dimethylphthalate-d6	14.239	166	1672407	135.821	ng/ul	0.02
49) Acenaphthylene-d8	14.545	160	2011201	141.882	ng/ul	0.02
54) 4-Nitrophenol-d4	15.050	143	335149	165.928	ng/ul	0.03
60) Fluorene-d10	15.825	176	1499420	142.612	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.961	200	332388	165.604	ng/ul	0.03
73) Anthracene-d10	17.688	188	2249917	136.905	ng/ul	0.01
81) Pyrene-d10	19.962	212	2392743	144.487	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.109	264	3274589	147.414	ng/ul	0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.516	88	84316	40.776	ng/uL	94
5) Pyridine	3.939	79	798532	125.487	ng/ul	98
6) Benzaldehyde	7.335	77	221699	87.572	ng/ul	99
8) Phenol	7.359	94	754806	135.764	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.617	93	922286	192.165	ng/ul	91
12) 2-Chlorophenol	7.747	128	854848	188.767	ng/ul#	83
13) 2-Methylphenol	8.628	108	828031	175.233	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	2686	0.251	ng/ul#	1
16) Acetophenone	9.045	105	1122334	153.464	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.027	70	603768	158.915	ng/ul	93
18) 4-Methylphenol	8.975	108	827515	161.999	ng/ul	99
19) Hexachloroethane	9.274	117	206055	110.601	ng/ul	90
22) Nitrobenzene	9.445	77	625130	138.416	ng/ul#	95
23) Isophorone	9.962	82	1241416	143.311	ng/ul	97
25) 2-Nitrophenol	10.150	139	329192	161.976	ng/ul	97
26) 2,4-Dimethylphenol	10.179	107	598332	155.006	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.432	93	771504	143.301	ng/ul	96
29) 2,4-Dichlorophenol	10.673	162	556398	154.965	ng/ul	100
30) Naphthalene	11.090	128	1870247	148.063	ng/ul	97
32) 4-Chloroaniline	11.219	127	802305	159.415	ng/ul	91
33) Hexachlorobutadiene	11.313	225	335420	145.641	ng/ul	92
34) Caprolactam	12.042	113	96490	84.996	ng/ul	92
35) 4-Chloro-3-methylphenol	12.306	107	561170	159.005	ng/ul	96
36) 2-Methylnaphthalene	12.676	142	1230937	147.653	ng/ul	99

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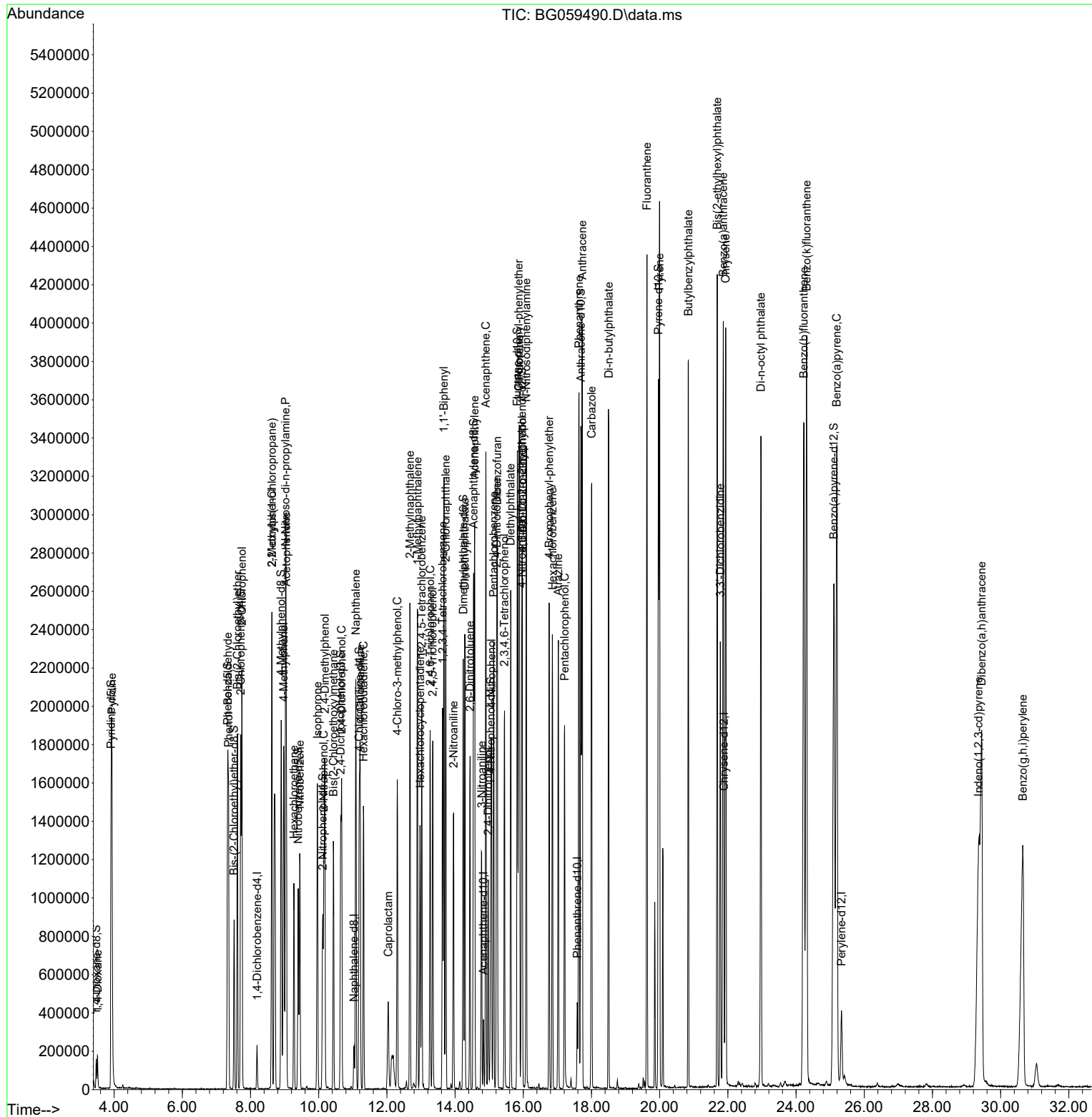
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.899	142	1249090	147.007	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.023	216	642772	150.446	ng/ul	99
40) Hexachlorocyclopentadiene	12.976	237	422606	177.452	ng/ul	98
41) 2,4,6-Trichlorophenol	13.270	196	430025	163.968	ng/ul	93
42) 2,4,5-Trichlorophenol	13.346	196	479802	159.973	ng/ul	94
43) 1,1'-Biphenyl	13.675	154	1701431	143.216	ng/ul	97
44) 2-Chloronaphthalene	13.728	162	1326023	141.963	ng/ul	98
45) 2-Nitroaniline	13.957	65	432680	142.080	ng/ul	91
47) Dimethylphthalate	14.286	163	1663671	136.852	ng/ul	100
48) 2,6-Dinitrotoluene	14.439	165	358621	149.862	ng/ul	98
50) Acenaphthylene	14.574	152	2092286	137.080	ng/ul	98
51) 3-Nitroaniline	14.780	138	346152	150.072	ng/ul	79
52) Acenaphthene	14.903	153	1422462	144.634	ng/ul	98
53) 2,4-Dinitrophenol	14.973	184	248501	204.713	ng/ul	89
55) 4-Nitrophenol	15.067	109	234397	167.964	ng/ul	97
56) Dibenzofuran	15.238	168	1888076	142.380	ng/ul	91
57) 2,4-Dinitrotoluene	15.220	165	502144	153.338	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.449	232	426937	158.877	ng/ul	96
59) Diethylphthalate	15.631	149	1590237	143.332	ng/ul	99
61) Fluorene	15.884	166	1579235	142.274	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.867	204	767768	135.572	ng/ul	98
63) 4-Nitroaniline	15.955	138	298046	134.469	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.972	198	341639	160.498	ng/ul#	83
67) N-Nitrosodiphenylamine	16.090	169	1311616	142.247	ng/ul	97
68) 4-Bromophenyl-phenylether	16.760	248	483062	143.507	ng/ul	95
69) Hexachlorobenzene	16.854	284	526385	138.057	ng/ul	91
70) Atrazine	17.030	200	491283	149.401	ng/ul	97
71) Pentachlorophenol	17.212	266	366367	172.553	ng/ul#	90
72) Phenanthrene	17.635	178	2652150	136.177	ng/ul	97
74) Anthracene	17.729	178	2660046	132.668	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.634	216	661509	150.667	ng/ul	97
76) Pentachlorobenzene	15.132	250	612345	142.400	ng/ul	97
77) Carbazole	18.005	167	2333344	145.201	ng/ul#	95
78) Di-n-butylphthalate	18.505	149	2646246	134.919	ng/ul	98
80) Fluoranthene	19.627	202	2900556	142.026	ng/ul	99
82) Pyrene	19.997	202	2916541	135.485	ng/ul	98
83) Butylbenzylphthalate	20.843	149	1196895	160.189	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.777	252	955715	141.146	ng/ul#	97
85) Benzo(a)anthracene	21.865	228	2995479	143.391	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.689	149	1750337	160.562	ng/ul	98
87) Chrysene	21.936	228	2765922	141.639	ng/ul	97
89) Di-n-octyl phthalate	22.970	149	3030834	129.232	ng/ul	100
90) Benzo(b)fluoranthene	24.227	252	4057413	146.804	ng/ul	98
91) Benzo(k)fluoranthene	24.310	252	4059889	142.080	ng/ul#	95
93) Benzo(a)pyrene	25.191	252	3859857	146.609	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.357	276	3276984	109.117	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.445	278	2875531	117.962	ng/ul	97
96) Benzo(g,h,i)perylene	30.649	276	2896922	114.770	ng/ul	95

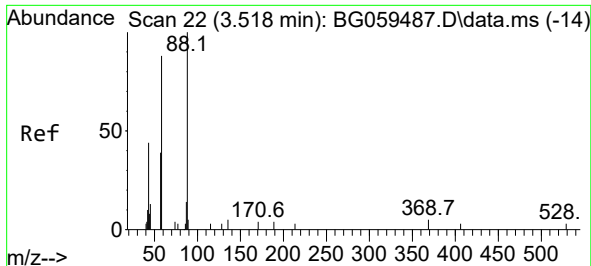
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 Misc :
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Instrument :
 BNA_G
 ClientSampleId :
 SSTD160432

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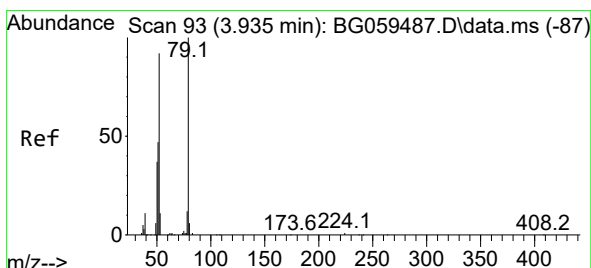
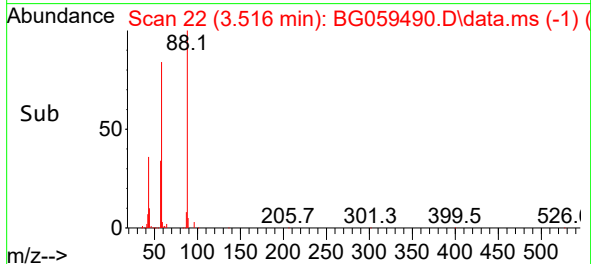
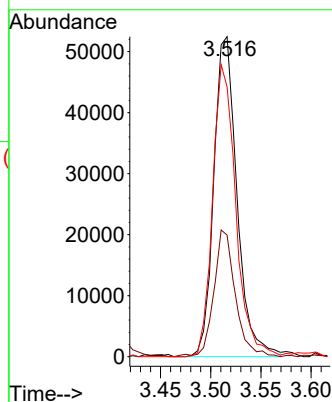
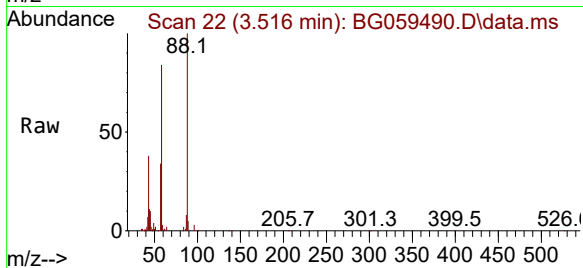




#2
1,4-Dioxane
Concen: 40.776 ng/uL
RT: 3.516 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

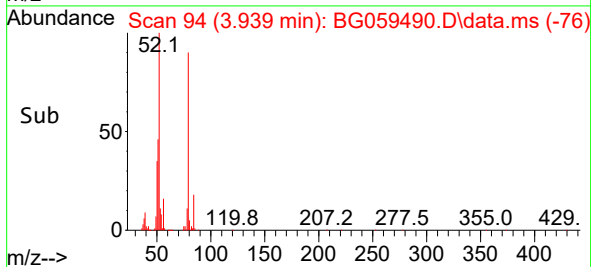
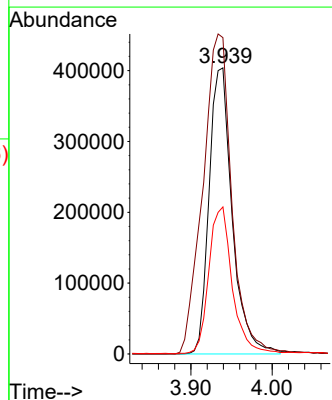
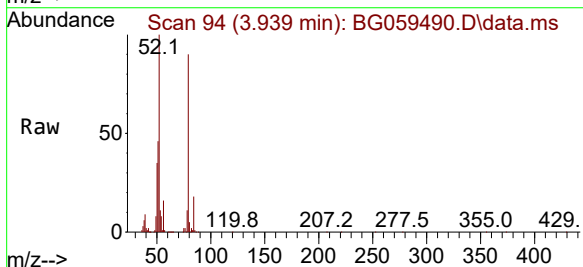
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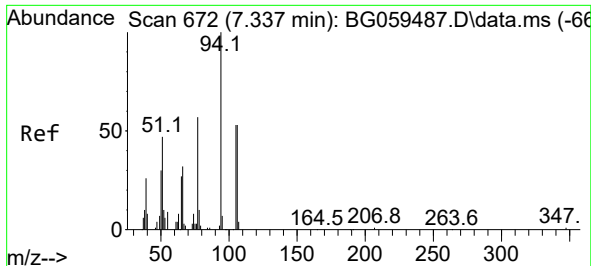
Tgt Ion: 88 Resp: 84316
Ion Ratio Lower Upper
88 100
43 38.0 35.5 53.3
58 84.3 70.4 105.6



#5
Pyridine
Concen: 125.487 ng/uL
RT: 3.939 min Scan# 94
Delta R.T. 0.005 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion: 79 Resp: 798532
Ion Ratio Lower Upper
79 100
52 110.6 87.8 131.8
51 51.4 38.6 58.0

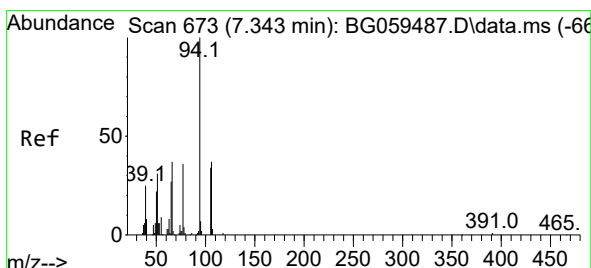
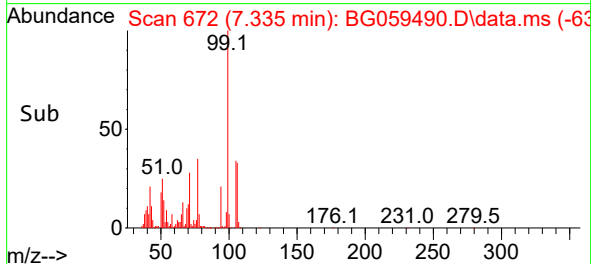
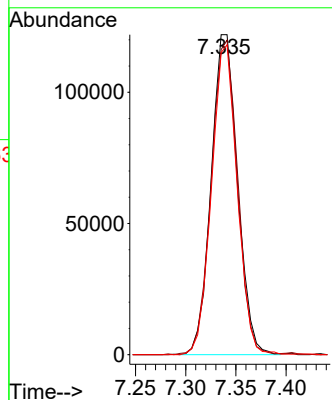
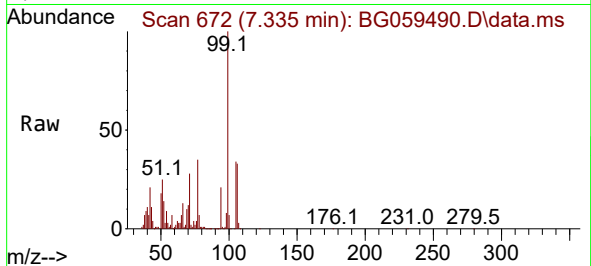




#6
Benzaldehyde
Concen: 87.572 ng/ul
RT: 7.335 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

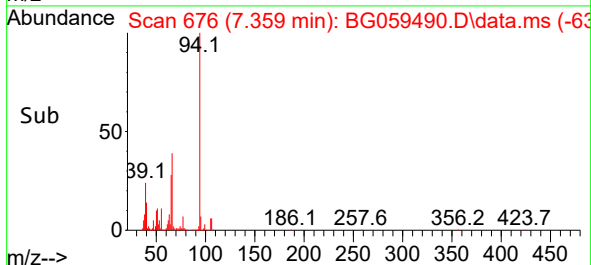
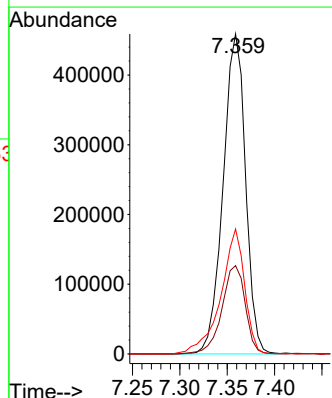
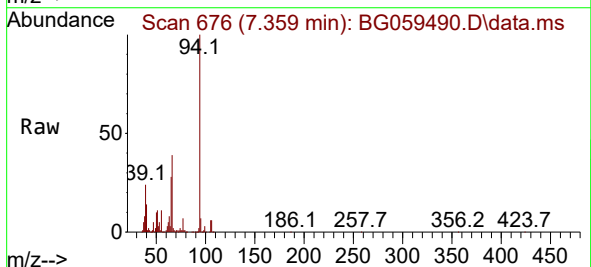
Instrument :
BNA_G
ClientSampleId :
SSTD160432

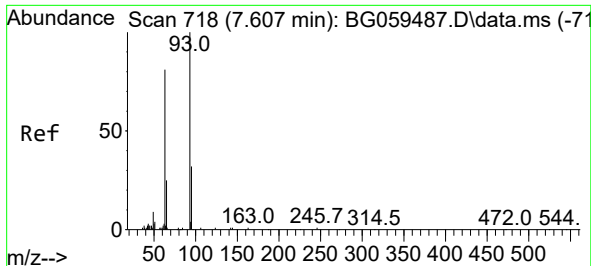
Tgt Ion: 77 Resp: 221699
Ion Ratio Lower Upper
77 100
105 95.4 76.2 114.4
106 94.4 77.3 115.9



#8
Phenol
Concen: 135.764 ng/ul
RT: 7.359 min Scan# 676
Delta R.T. 0.016 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion: 94 Resp: 754806
Ion Ratio Lower Upper
94 100
65 27.6 21.9 32.9
66 39.1 31.1 46.7

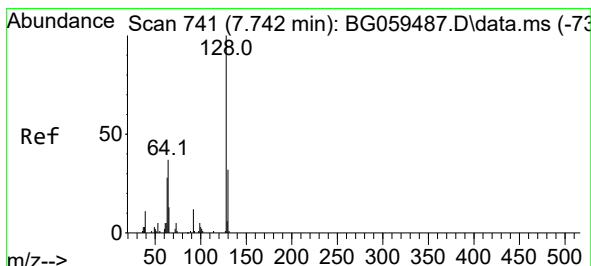
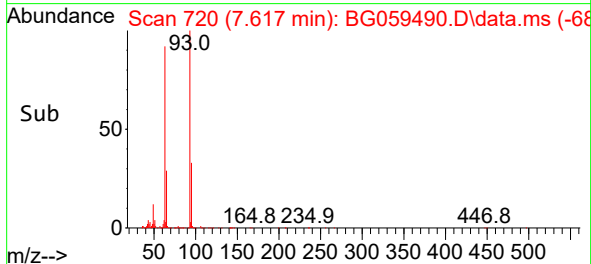
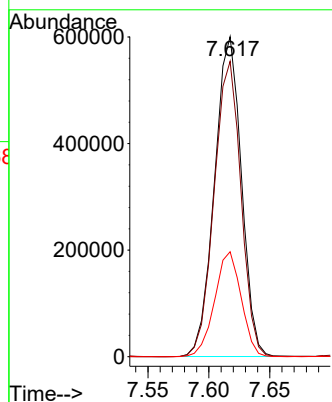
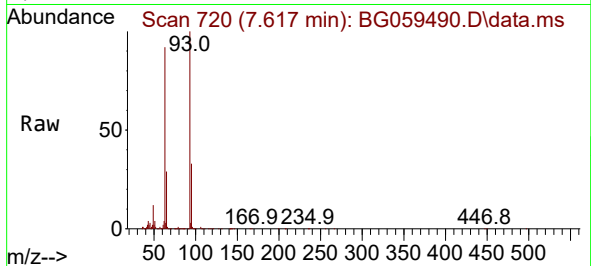




#10
Bis(2-Chloroethyl)ether
Concen: 192.165 ng/ul
RT: 7.617 min Scan# 718
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

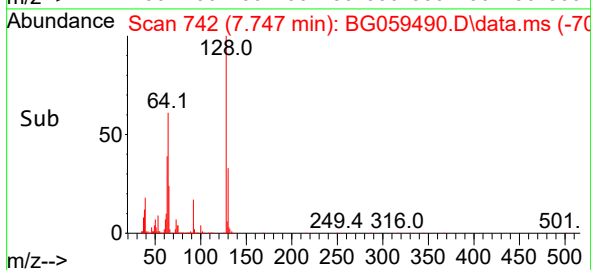
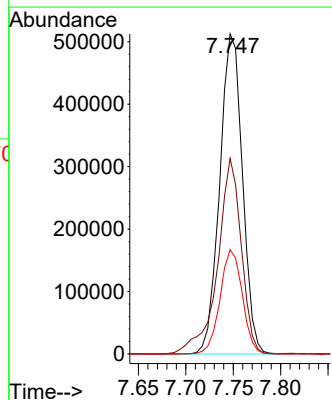
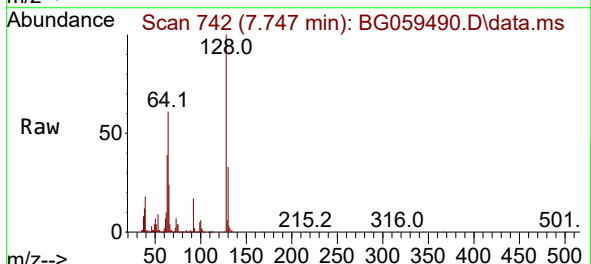
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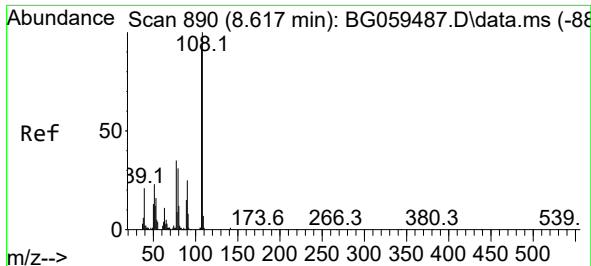
Tgt Ion: 93 Resp: 922286
Ion Ratio Lower Upper
93 100
63 92.3 65.1 97.7
95 32.8 25.6 38.4



#12
2-Chlorophenol
Concen: 188.767 ng/ul
RT: 7.747 min Scan# 742
Delta R.T. 0.005 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:128 Resp: 854848
Ion Ratio Lower Upper
128 100
64 61.1 34.3 51.5#
130 32.6 25.8 38.8





#13

2-Methylphenol

Concen: 175.233 ng/ul

RT: 8.628 min Scan# 890

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

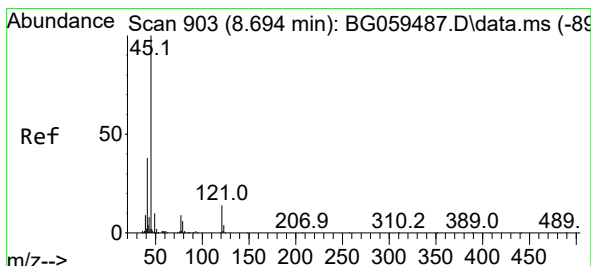
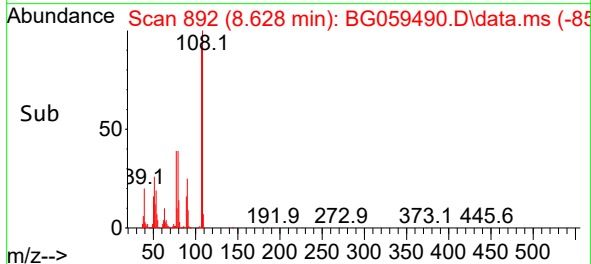
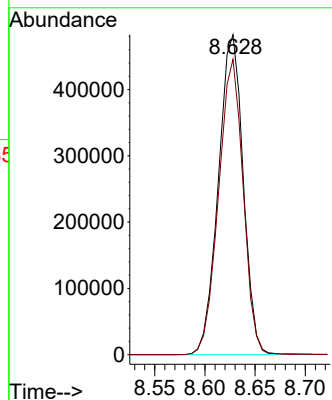
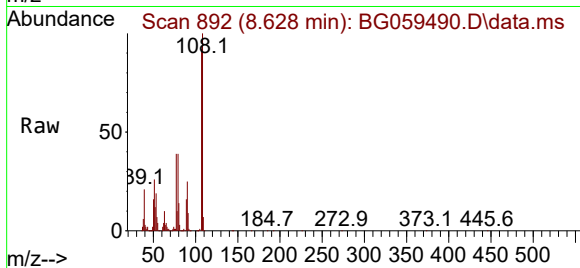
SSTD160432

Tgt Ion:108 Resp: 828031

Ion Ratio Lower Upper

108 100

107 92.3 74.0 111.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 0.251 ng/ul

RT: 8.628 min Scan# 892

Delta R.T. -0.066 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

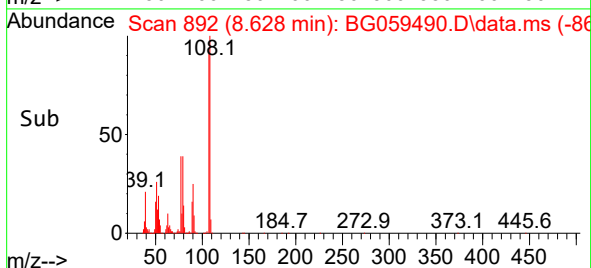
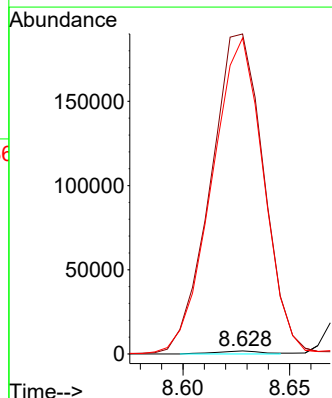
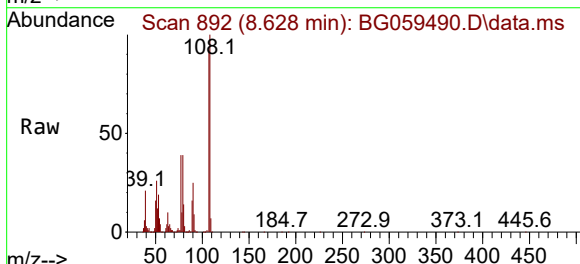
Tgt Ion: 45 Resp: 2686

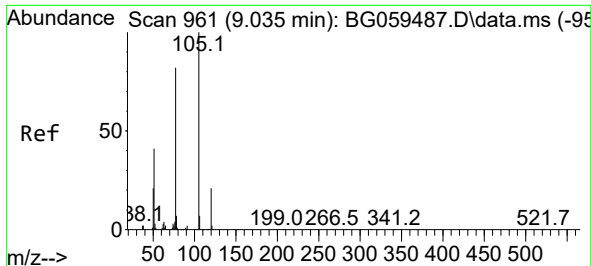
Ion Ratio Lower Upper

45 100

77 8692.4 7.6 11.4#

79 8584.1 5.8 8.8#

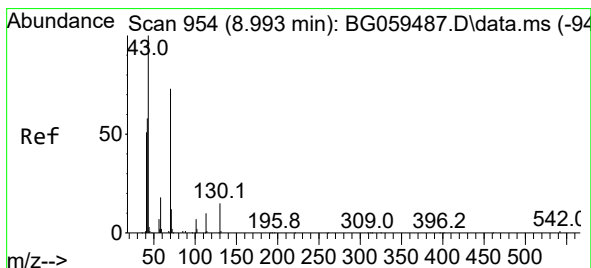
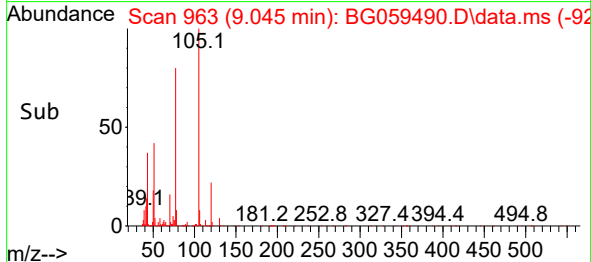
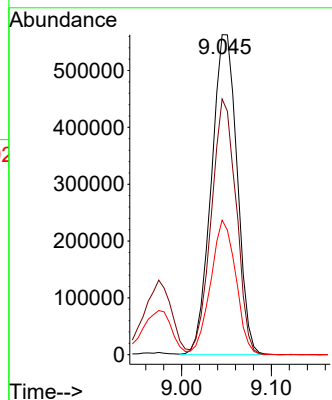
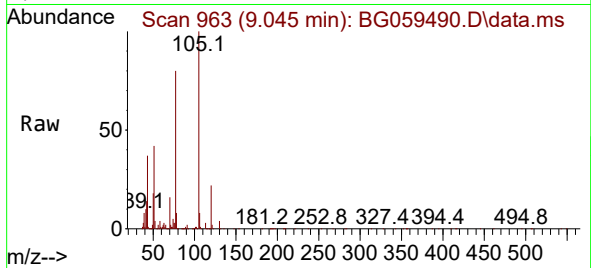




#16
Acetophenone
Concen: 153.464 ng/ul
RT: 9.045 min Scan# 90
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

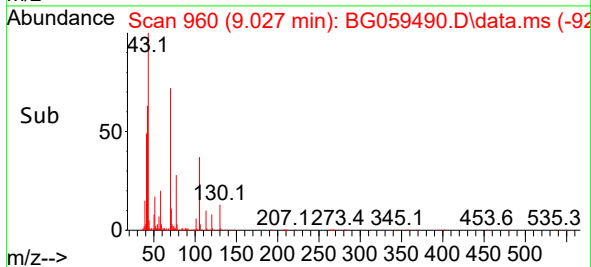
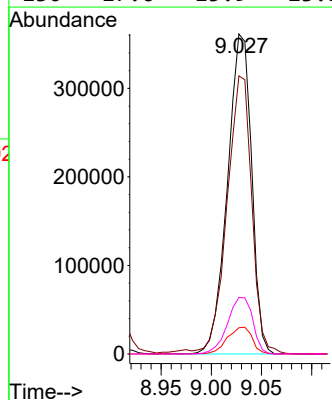
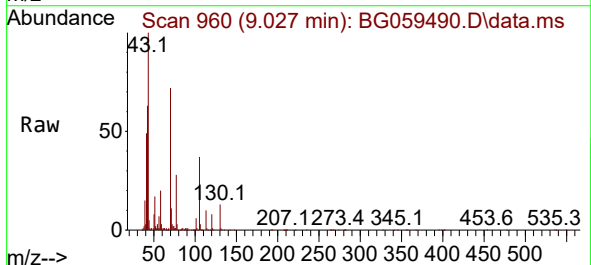
Instrument :
BNA_G
ClientSampleId :
SSTD160432

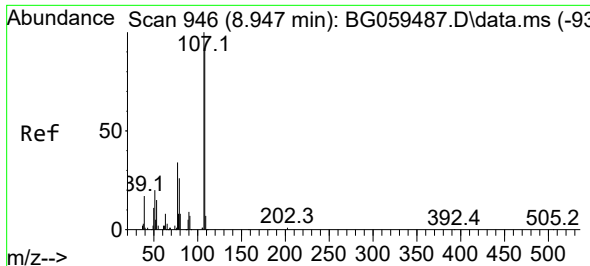
Tgt Ion:105 Resp: 1122334
Ion Ratio Lower Upper
105 100
77 79.9 65.3 97.9
51 42.0 33.4 50.0



#17
N-Nitroso-di-n-propylamine
Concen: 158.915 ng/ul
RT: 9.027 min Scan# 960
Delta R.T. 0.034 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion: 70 Resp: 603768
Ion Ratio Lower Upper
70 100
42 86.9 63.5 95.3
101 8.2 7.3 10.9
130 17.6 15.9 23.9

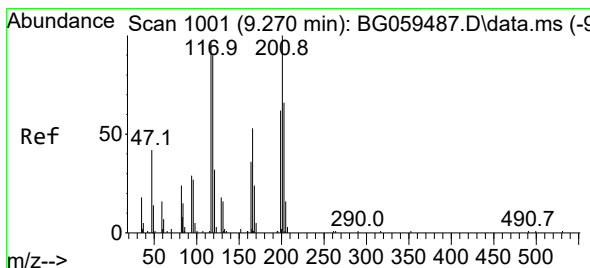
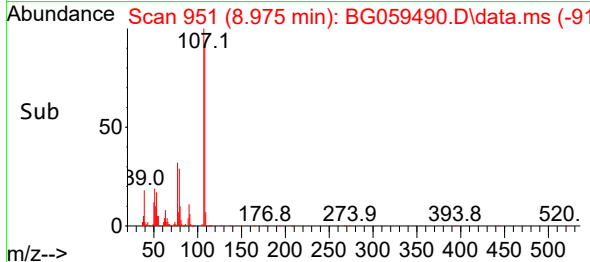
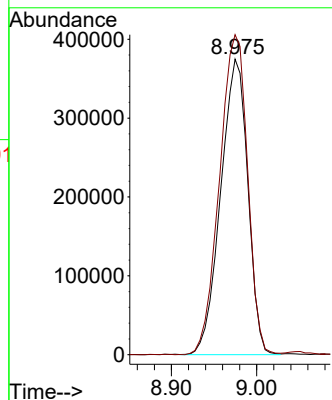
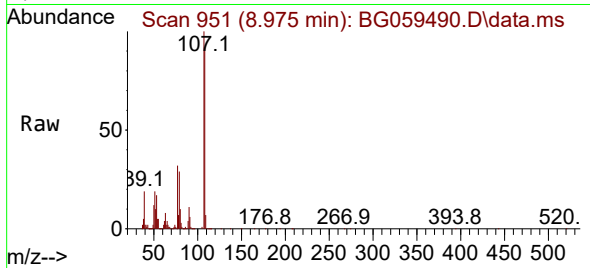




#18
4-Methylphenol
Concen: 161.999 ng/ul
RT: 8.975 min Scan# 91
Delta R.T. 0.028 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

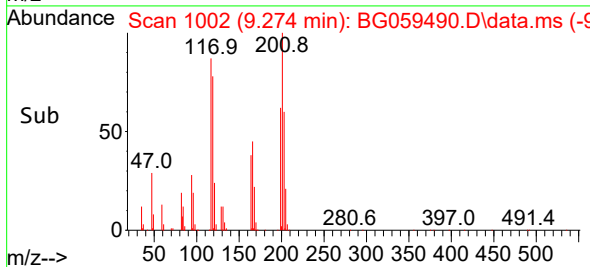
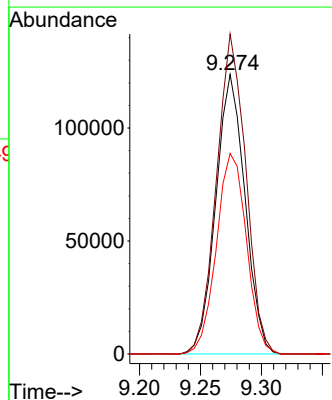
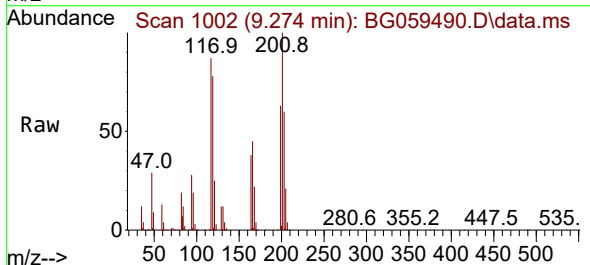
Instrument :
BNA_G
ClientSampleId :
SSTD160432

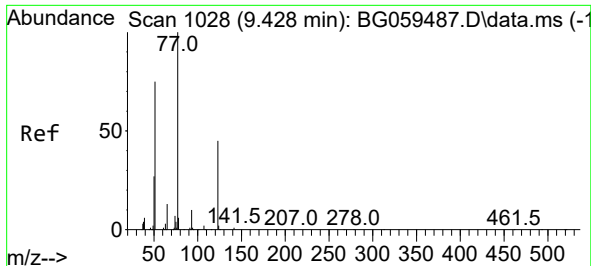
Tgt Ion:108 Resp: 827515
Ion Ratio Lower Upper
108 100
107 108.3 87.1 130.7



#19
Hexachloroethane
Concen: 110.601 ng/ul
RT: 9.274 min Scan# 1002
Delta R.T. 0.005 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:117 Resp: 206055
Ion Ratio Lower Upper
117 100
201 114.5 83.0 124.6
199 71.7 51.4 77.2

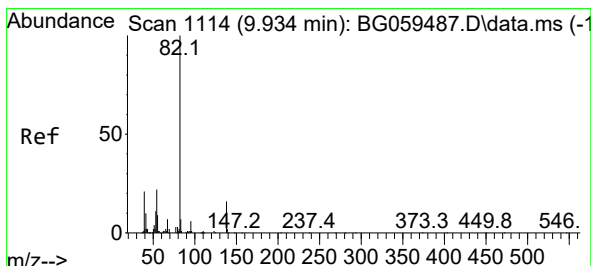
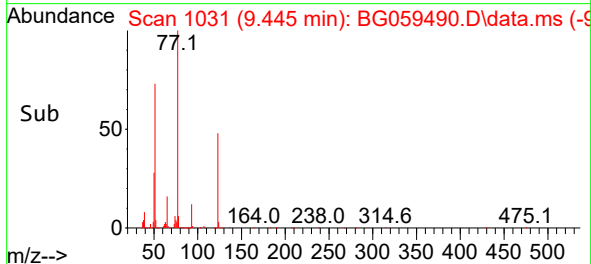
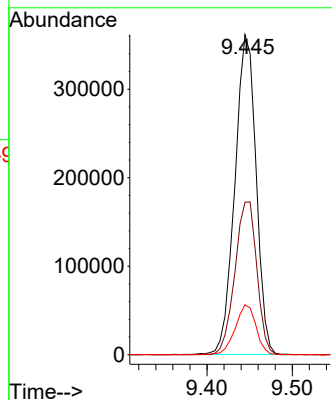
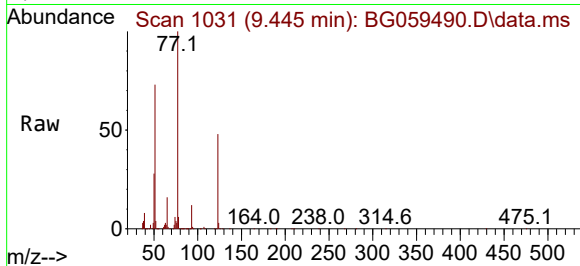




#22
Nitrobenzene
Concen: 138.416 ng/ul
RT: 9.445 min Scan# 1028
Delta R.T. 0.016 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

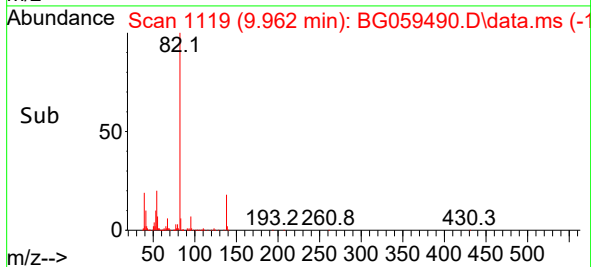
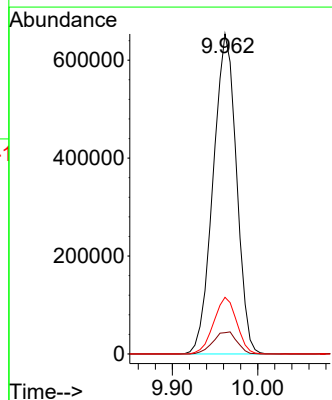
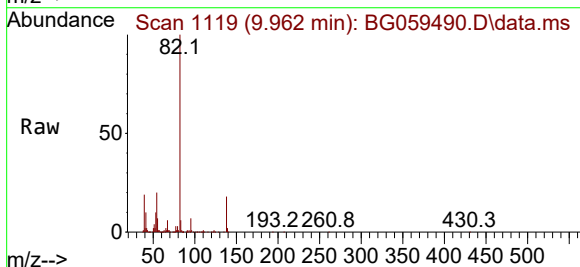
Instrument :
BNA_G
ClientSampleId :
SSTD160432

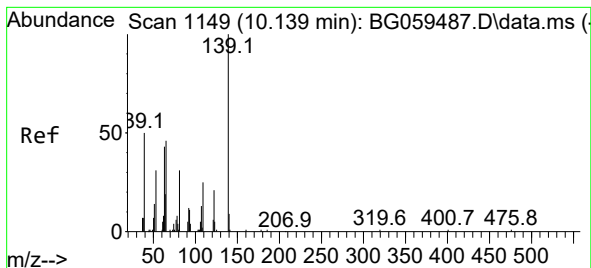
Tgt Ion: 77 Resp: 625130
Ion Ratio Lower Upper
77 100
123 47.6 35.6 53.4
65 15.6 10.2 15.4#



#23
Isophorone
Concen: 143.311 ng/ul
RT: 9.962 min Scan# 1119
Delta R.T. 0.028 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion: 82 Resp: 1241416
Ion Ratio Lower Upper
82 100
95 6.7 5.0 7.6
138 17.7 13.0 19.4

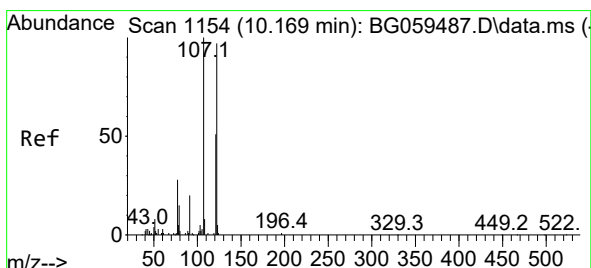
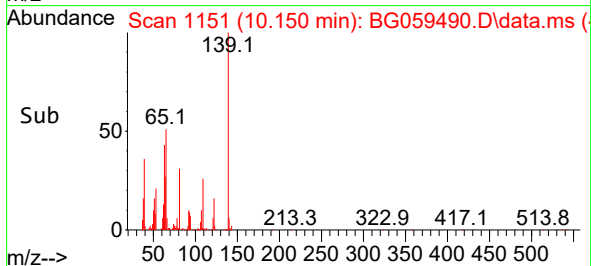
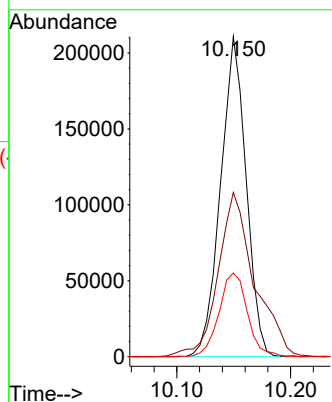
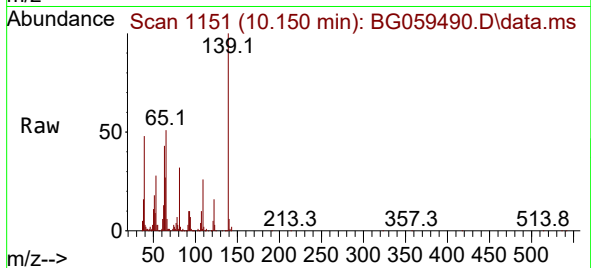




#25
2-Nitrophenol
Concen: 161.976 ng/ul
RT: 10.150 min Scan# 1151
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

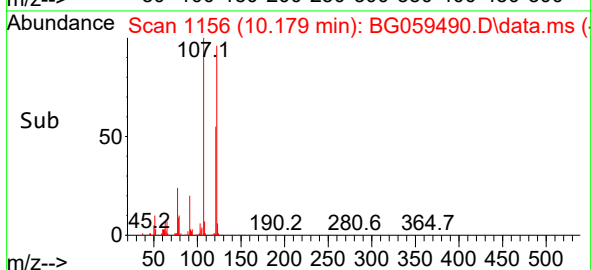
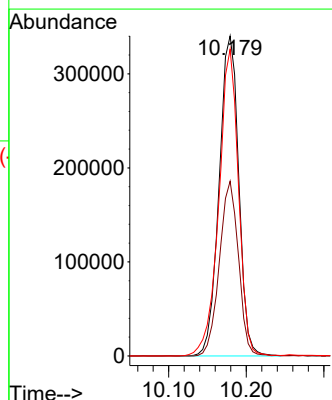
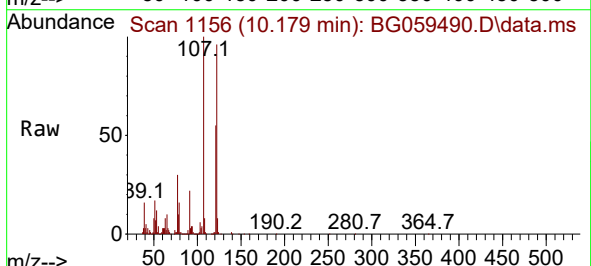
Instrument :
BNA_G
ClientSampleId :
SSTD160432

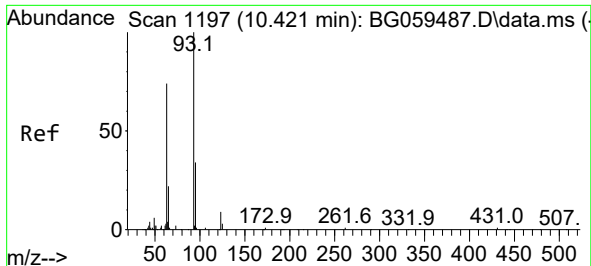
Tgt Ion:139 Resp: 329192
Ion Ratio Lower Upper
139 100
65 51.3 39.1 58.7
109 26.1 20.3 30.5



#26
2,4-Dimethylphenol
Concen: 155.006 ng/ul
RT: 10.179 min Scan# 1156
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:107 Resp: 598332
Ion Ratio Lower Upper
107 100
121 54.6 40.6 60.8
122 95.8 79.2 118.8

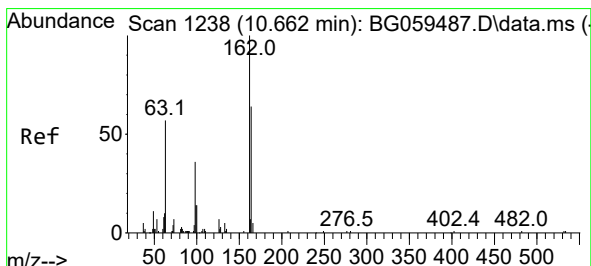
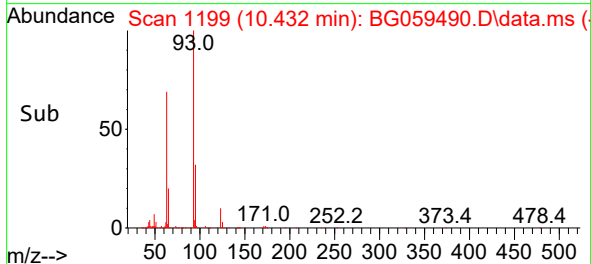
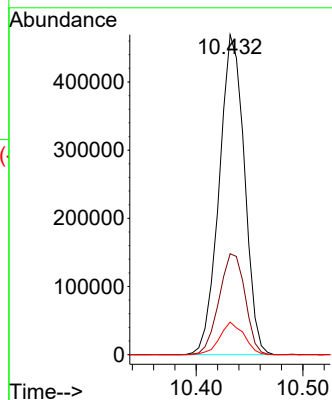
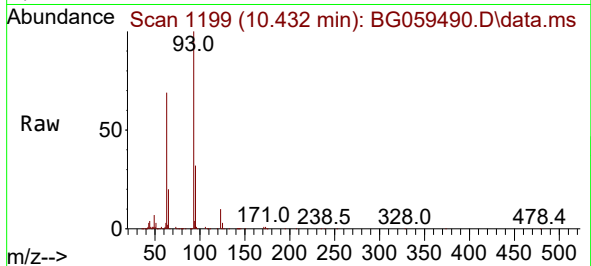




#27
 Bis(2-Chloroethoxy)methane
 Concen: 143.301 ng/ul
 RT: 10.432 min Scan# 1199
 Delta R.T. 0.010 min
 Lab File: BG059490.D
 Acq: 19 Oct 2023 13:13

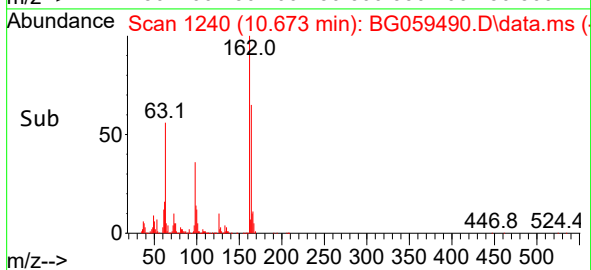
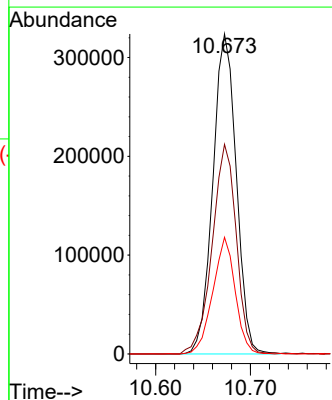
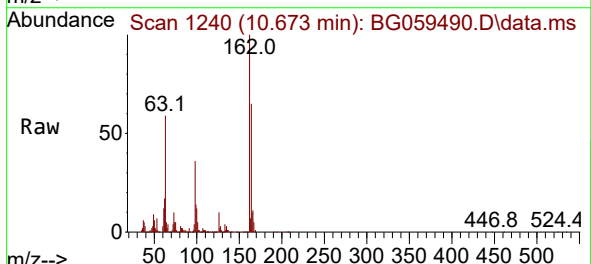
Instrument :
 BNA_G
 ClientSampleId :
 SSTD160432

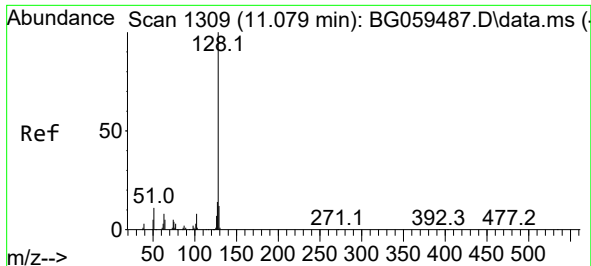
Tgt Ion: 93 Resp: 771504
 Ion Ratio Lower Upper
 93 100
 95 31.6 27.2 40.8
 123 10.2 7.4 11.0



#29
 2,4-Dichlorophenol
 Concen: 154.965 ng/ul
 RT: 10.673 min Scan# 1240
 Delta R.T. 0.010 min
 Lab File: BG059490.D
 Acq: 19 Oct 2023 13:13

Tgt Ion:162 Resp: 556398
 Ion Ratio Lower Upper
 162 100
 164 65.5 52.4 78.6
 98 36.5 28.6 43.0

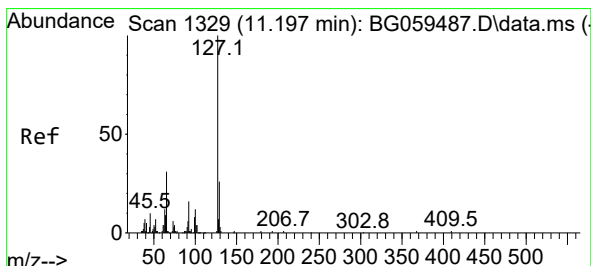
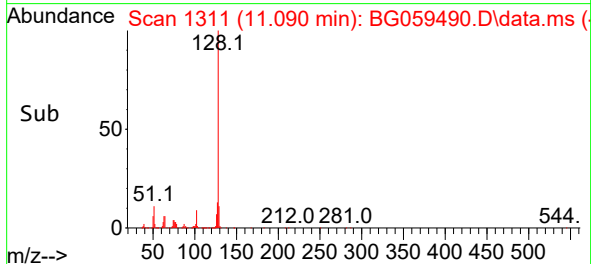
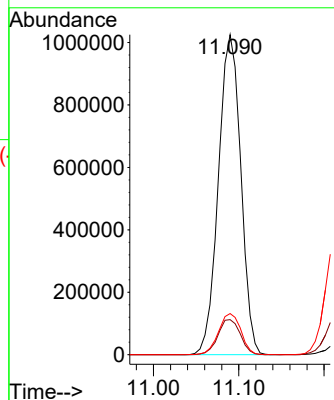
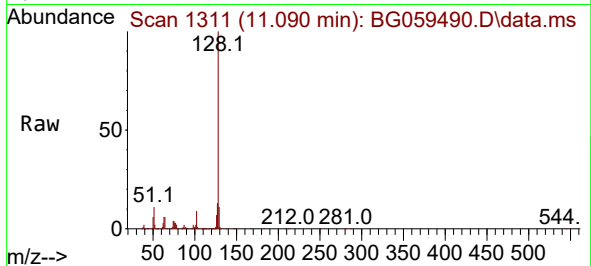




#30
Naphthalene
Concen: 148.063 ng/ul
RT: 11.090 min Scan# 11
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

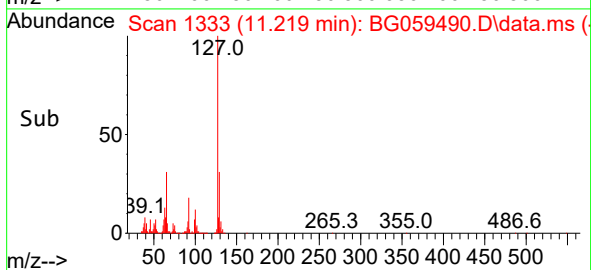
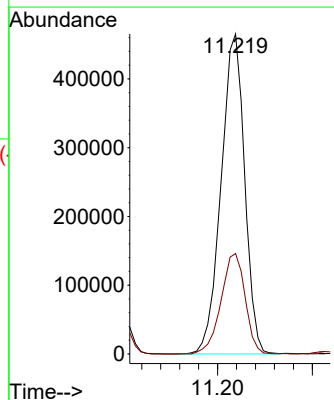
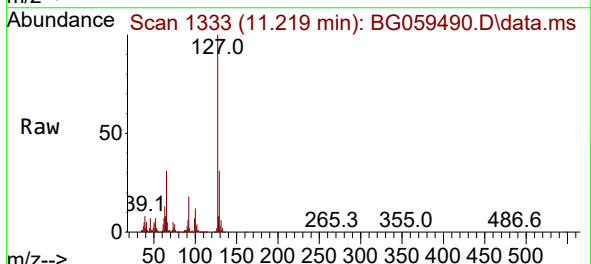
Instrument :
BNA_G
ClientSampleId :
SSTD160432

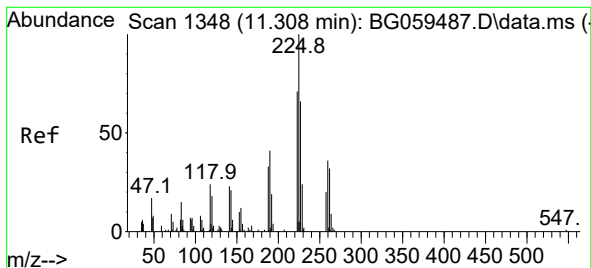
Tgt Ion:128 Resp: 1870247
Ion Ratio Lower Upper
128 100
129 10.9 9.6 14.4
127 12.9 11.0 16.6



#32
4-Chloroaniline
Concen: 159.415 ng/ul
RT: 11.219 min Scan# 1333
Delta R.T. 0.022 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:127 Resp: 802305
Ion Ratio Lower Upper
127 100
129 31.4 21.5 32.3





#33

Hexachlorobutadiene

Concen: 145.641 ng/ul

RT: 11.313 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

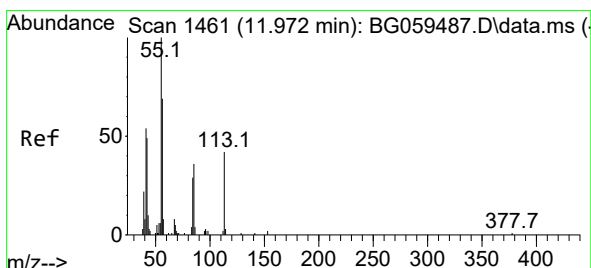
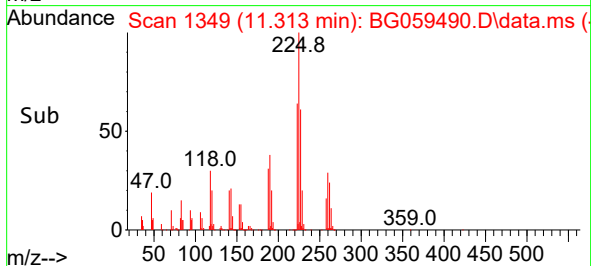
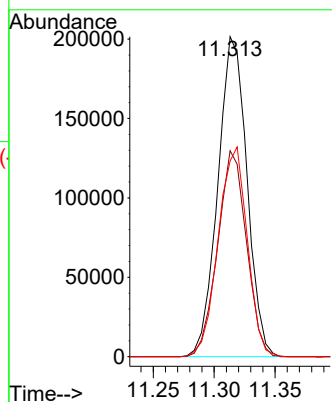
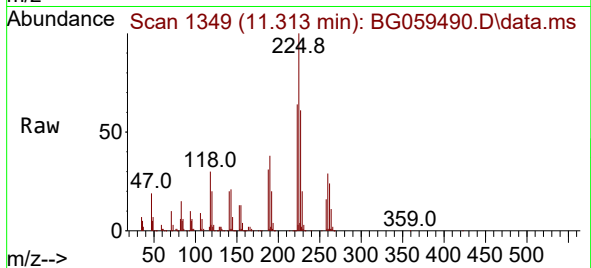
Tgt Ion:225 Resp: 335420

Ion Ratio Lower Upper

225 100

223 64.4 57.2 85.8

227 61.1 53.0 79.6



#34

Caprolactam

Concen: 84.996 ng/ul

RT: 12.042 min Scan# 1473

Delta R.T. 0.069 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

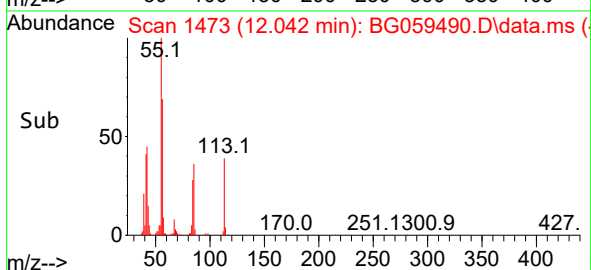
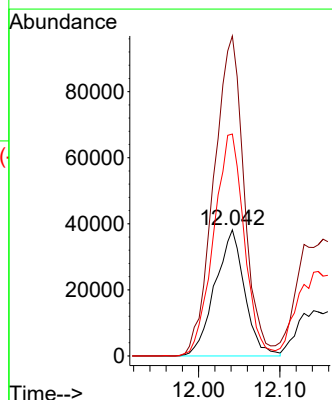
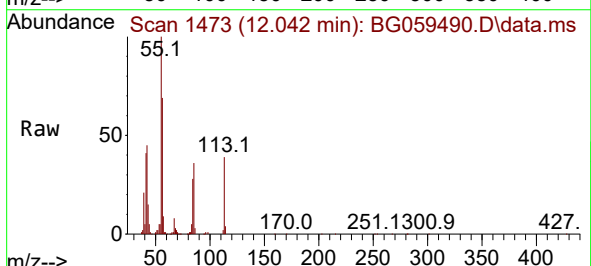
Tgt Ion:113 Resp: 96490

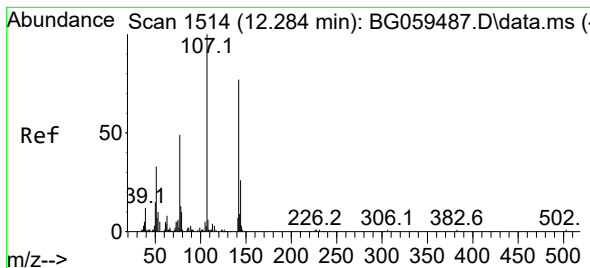
Ion Ratio Lower Upper

113 100

55 253.9 192.5 288.7

56 176.1 132.7 199.1

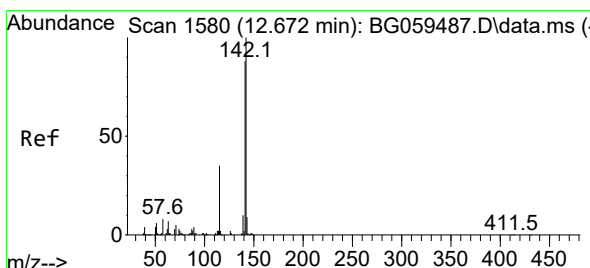
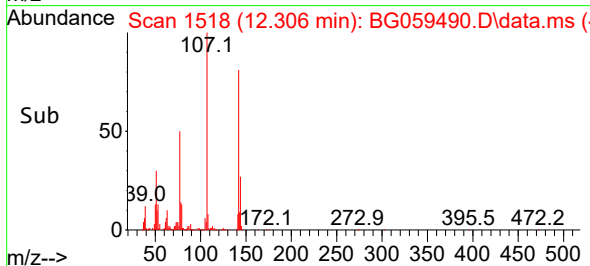
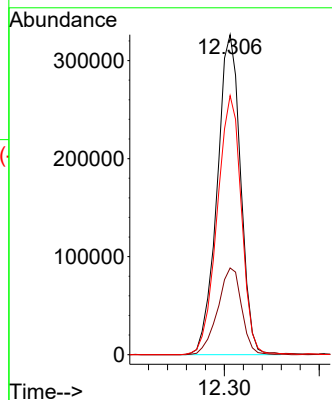
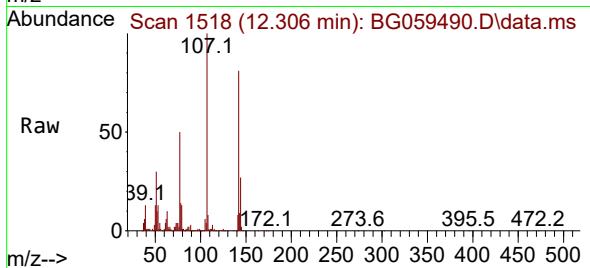




#35
4-Chloro-3-methylphenol
Concen: 159.005 ng/ul
RT: 12.306 min Scan# 1518
Delta R.T. 0.022 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

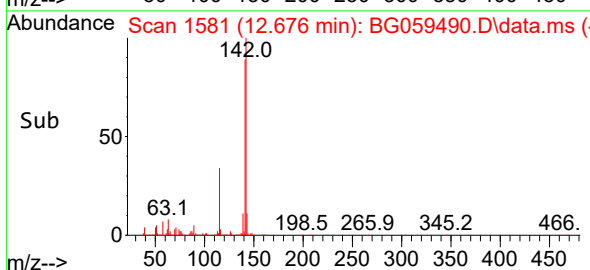
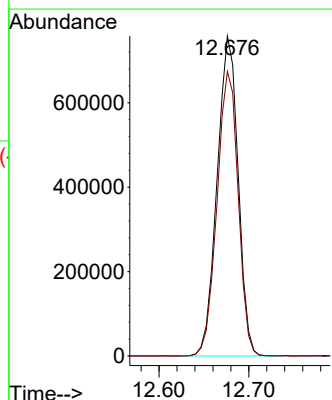
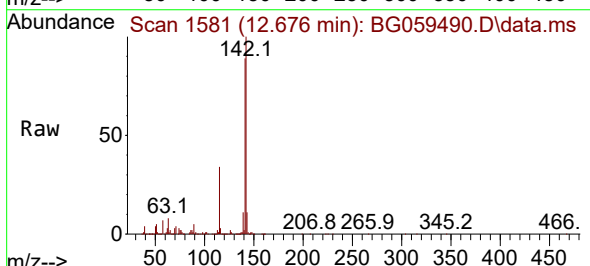
Instrument :
BNA_G
ClientSampleId :
SSTD160432

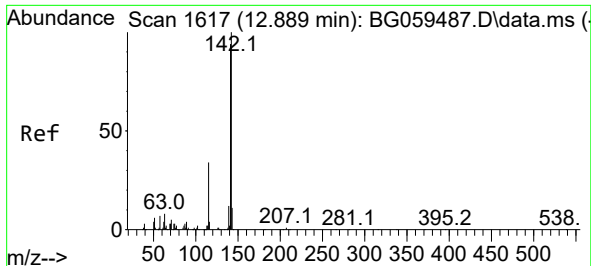
Tgt Ion:107 Resp: 561170
Ion Ratio Lower Upper
107 100
144 27.1 20.6 30.8
142 80.9 62.2 93.2



#36
2-Methylnaphthalene
Concen: 147.653 ng/ul
RT: 12.676 min Scan# 1581
Delta R.T. 0.005 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:142 Resp: 1230937
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.2





#37

1-Methylnaphthalene

Concen: 147.007 ng/ul

RT: 12.899 min Scan# 1

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

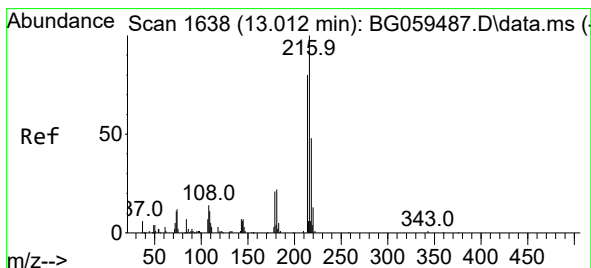
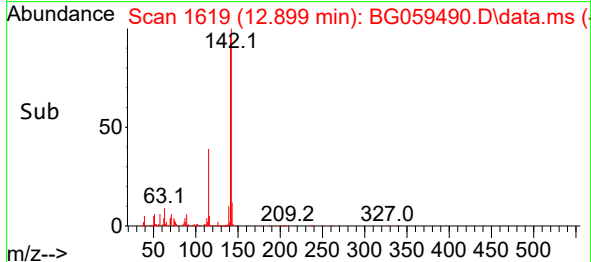
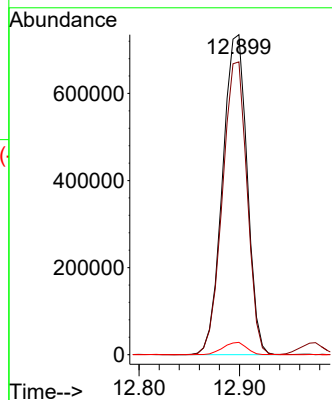
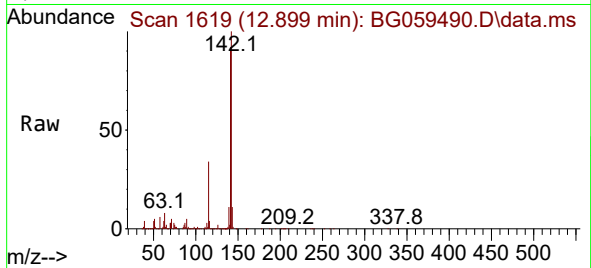
Tgt Ion:142 Resp: 1249090

Ion Ratio Lower Upper

142 100

141 91.5 75.6 113.4

116 3.9 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 150.446 ng/ul

RT: 13.023 min Scan# 1640

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Tgt Ion:216 Resp: 642772

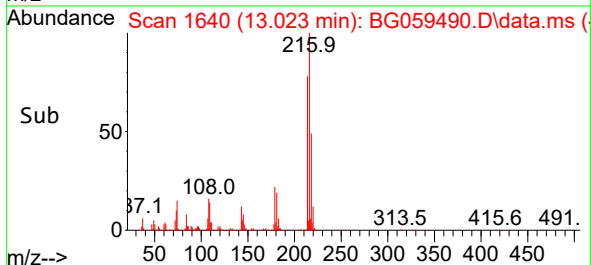
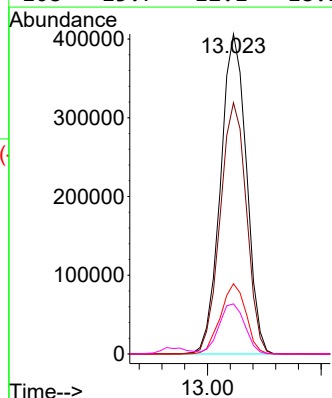
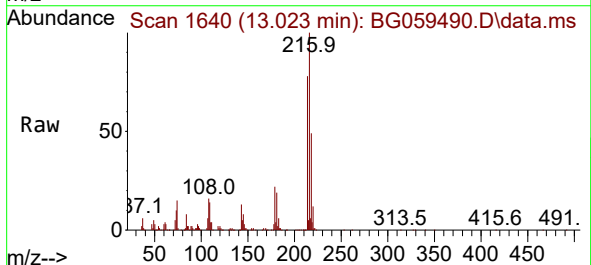
Ion Ratio Lower Upper

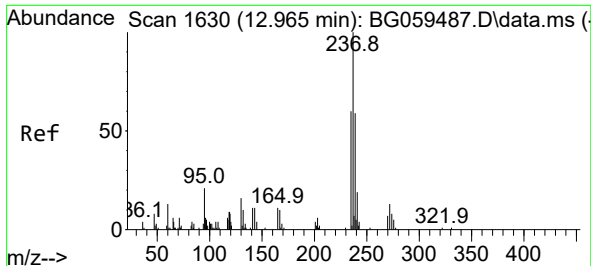
216 100

214 78.5 63.8 95.8

179 22.0 17.4 26.0

108 15.7 12.1 18.1

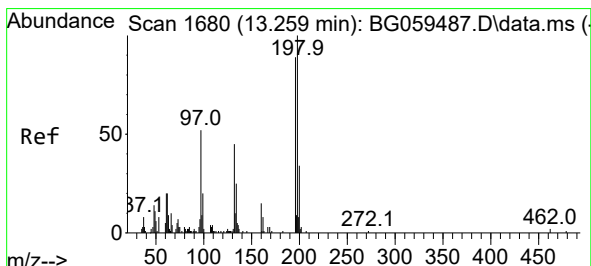
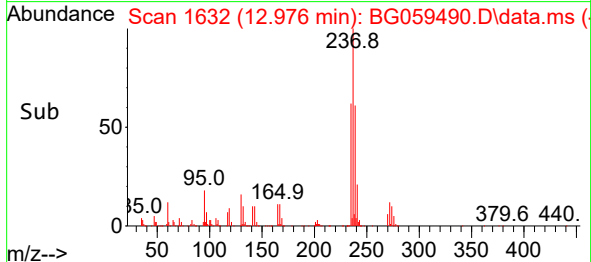
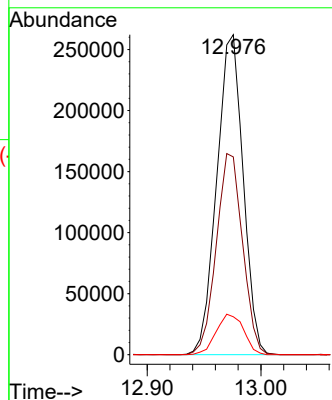
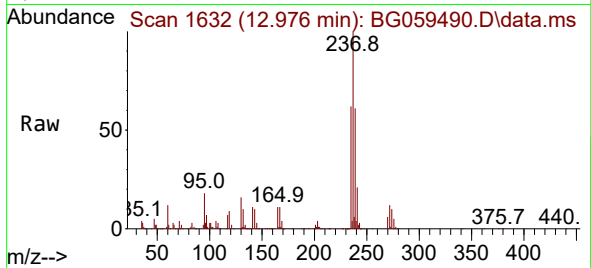




#40
Hexachlorocyclopentadiene
Concen: 177.452 ng/ul
RT: 12.976 min Scan# 1632
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

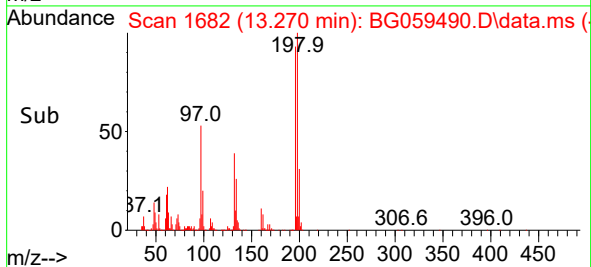
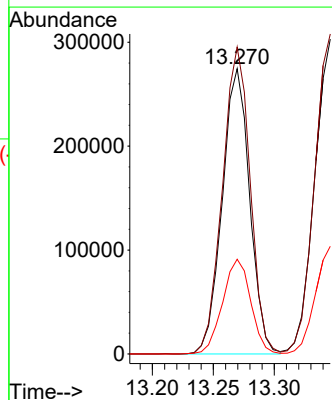
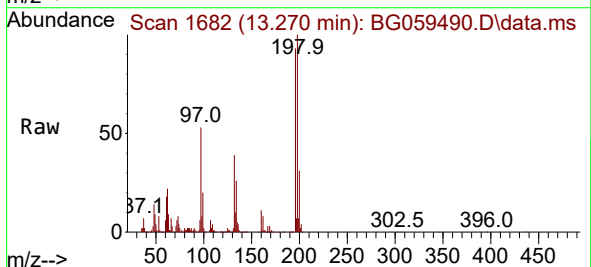
Instrument :
BNA_G
ClientSampleId :
SSTD160432

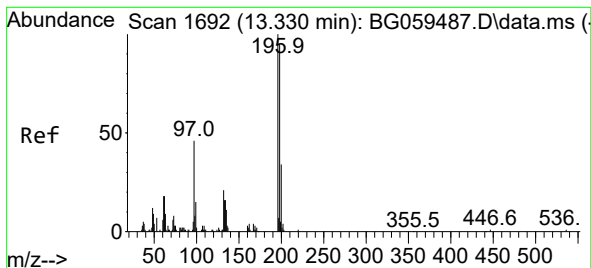
Tgt Ion:237 Resp: 422606
Ion Ratio Lower Upper
237 100
235 61.8 48.5 72.7
272 12.7 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 163.968 ng/ul
RT: 13.270 min Scan# 1682
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:196 Resp: 430025
Ion Ratio Lower Upper
196 100
198 107.6 91.1 136.7
200 33.2 31.0 46.6





#42

2,4,5-Trichlorophenol

Concen: 159.973 ng/ul

RT: 13.346 min Scan# 1

Delta R.T. 0.016 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

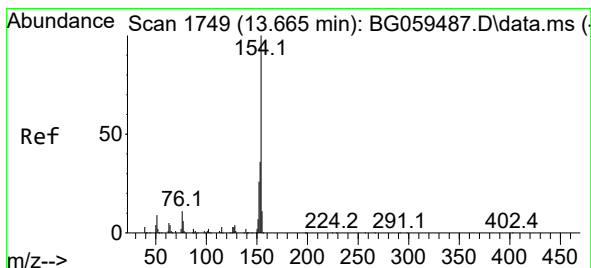
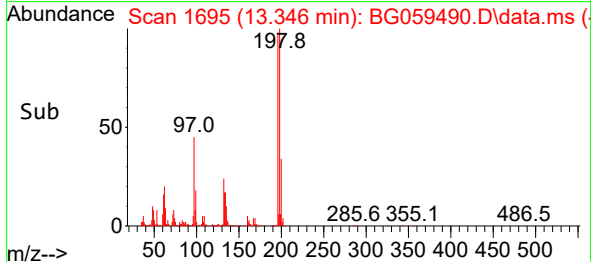
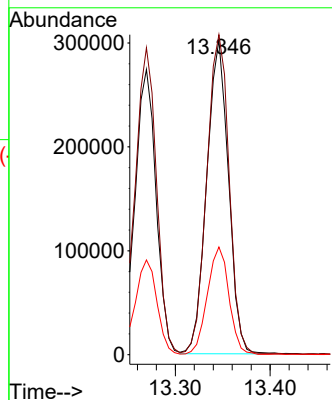
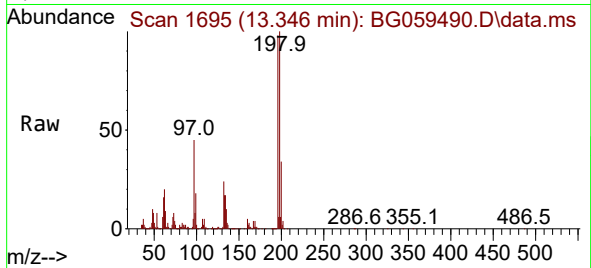
Tgt Ion:196 Resp: 479802

Ion Ratio Lower Upper

196 100

198 101.6 75.9 113.9

200 34.2 26.6 39.8



#43

1,1'-Biphenyl

Concen: 143.216 ng/ul

RT: 13.675 min Scan# 1751

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

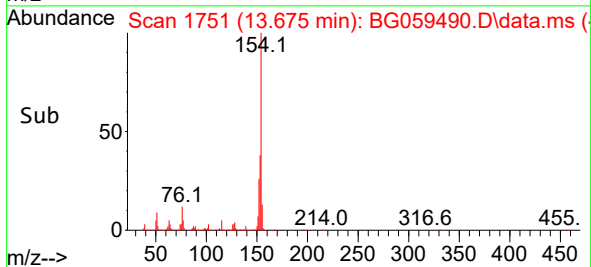
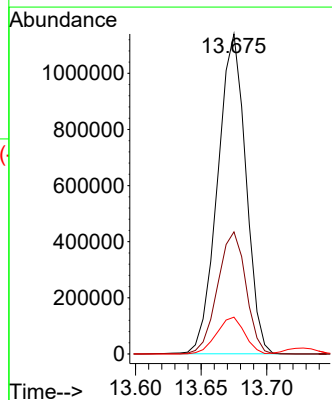
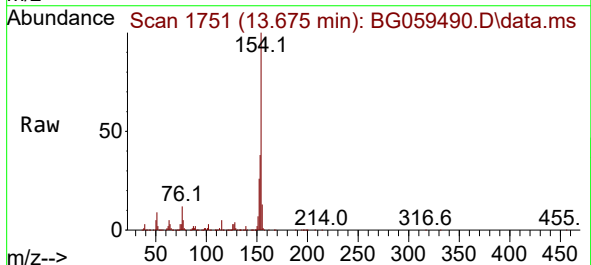
Tgt Ion:154 Resp: 1701431

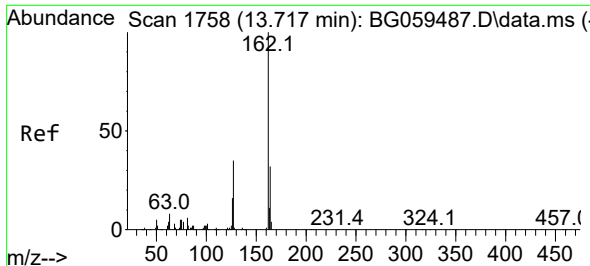
Ion Ratio Lower Upper

154 100

153 38.1 28.5 42.7

76 11.5 9.1 13.7

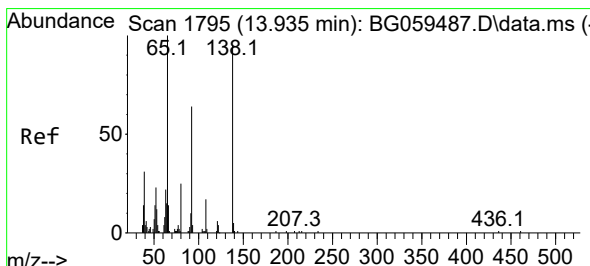
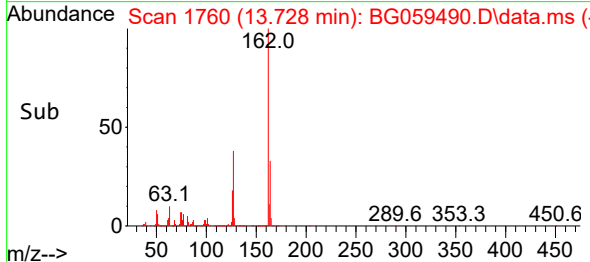
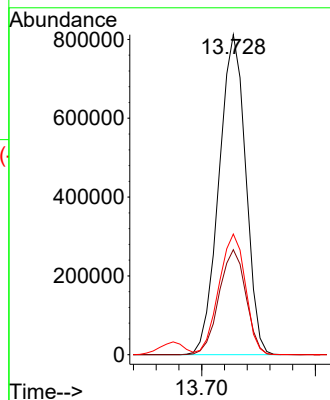
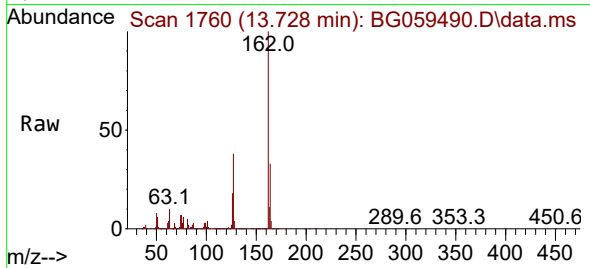




#44
2-Chloronaphthalene
Concen: 141.963 ng/ul
RT: 13.728 min Scan# 1760
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

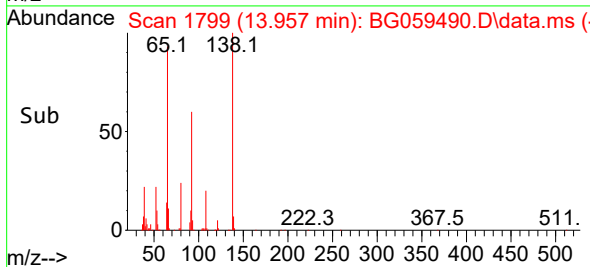
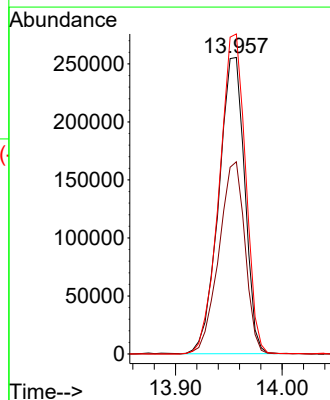
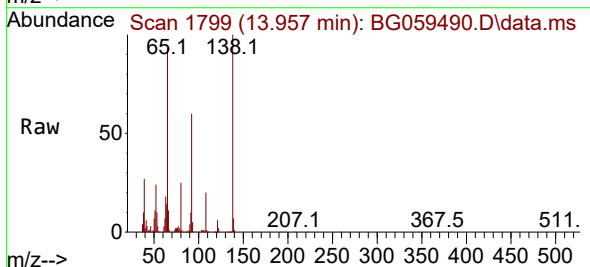
Instrument :
BNA_G
ClientSampleId :
SSTD160432

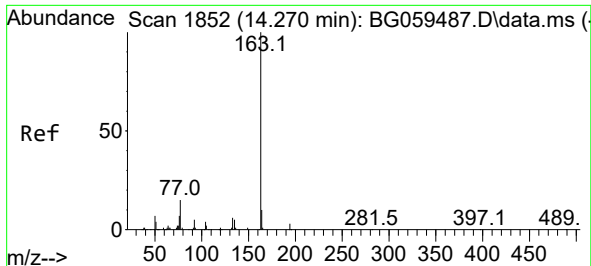
Tgt Ion:162 Resp: 1326023
Ion Ratio Lower Upper
162 100
164 32.8 25.5 38.3
127 37.7 28.6 43.0



#45
2-Nitroaniline
Concen: 142.080 ng/ul
RT: 13.957 min Scan# 1799
Delta R.T. 0.022 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion: 65 Resp: 432680
Ion Ratio Lower Upper
65 100
92 64.8 50.9 76.3
138 107.9 76.0 114.0

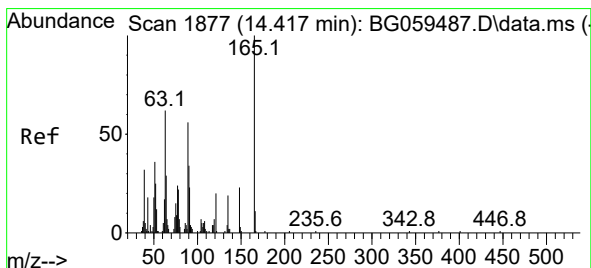
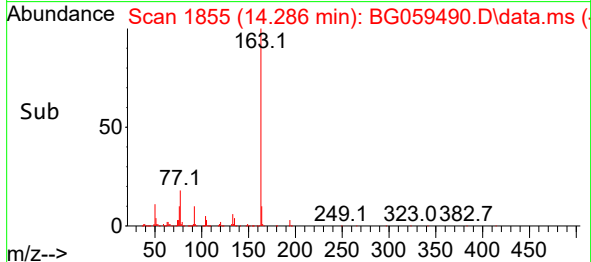
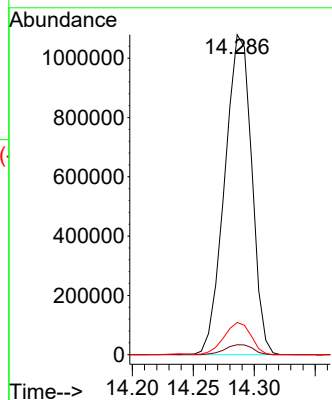
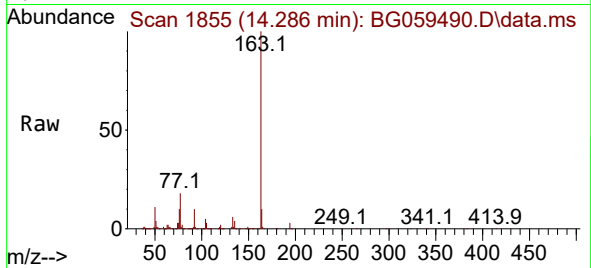




#47
Dimethylphthalate
Concen: 136.852 ng/ul
RT: 14.286 min Scan# 1855
Delta R.T. 0.016 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

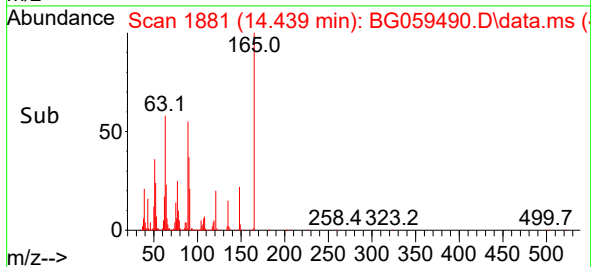
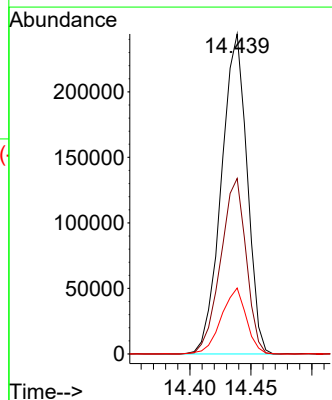
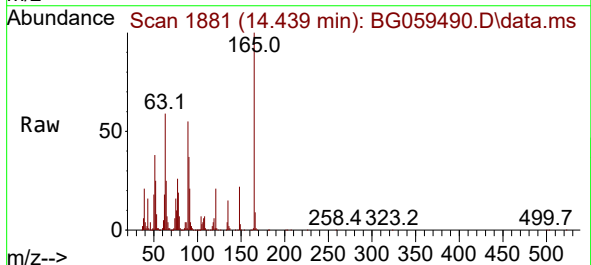
Instrument :
BNA_G
ClientSampleId :
SSTD160432

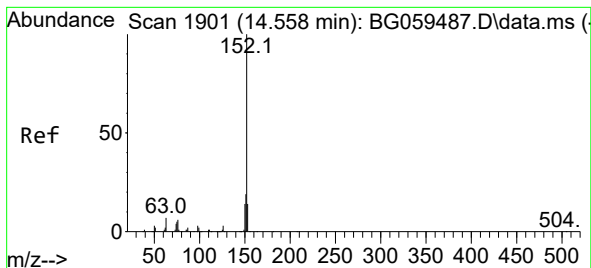
Tgt Ion:163 Resp: 1663671
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 149.862 ng/ul
RT: 14.439 min Scan# 1881
Delta R.T. 0.022 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:165 Resp: 358621
Ion Ratio Lower Upper
165 100
89 54.9 45.0 67.6
121 20.6 16.2 24.2





#50

Acenaphthylene

Concen: 137.080 ng/ul

RT: 14.574 min Scan# 1904

Delta R.T. 0.016 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

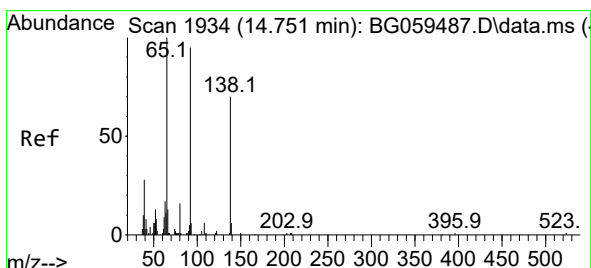
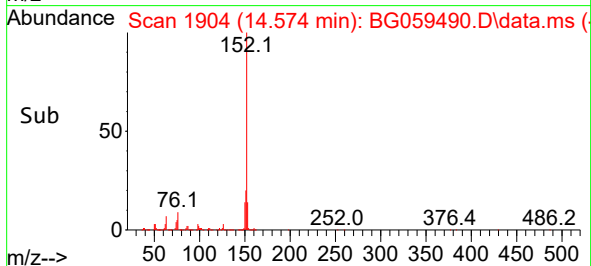
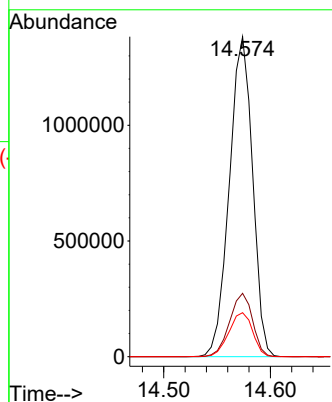
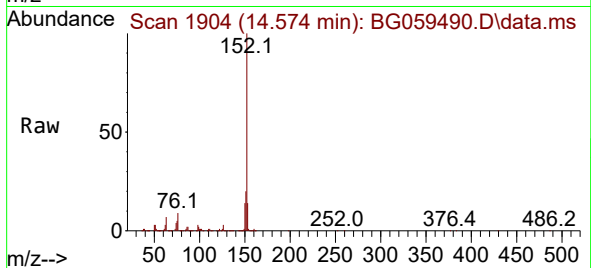
Tgt Ion:152 Resp: 2092286

Ion Ratio Lower Upper

152 100

151 19.8 15.0 22.4

153 13.8 11.4 17.2



#51

3-Nitroaniline

Concen: 150.072 ng/ul

RT: 14.780 min Scan# 1939

Delta R.T. 0.028 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

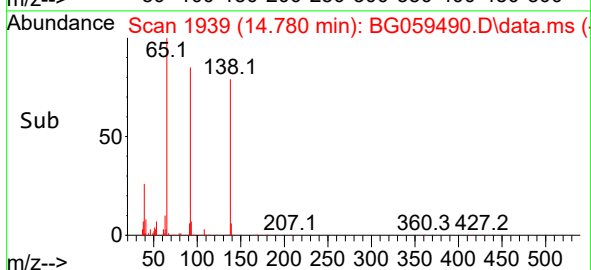
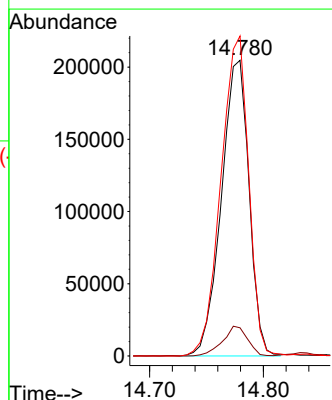
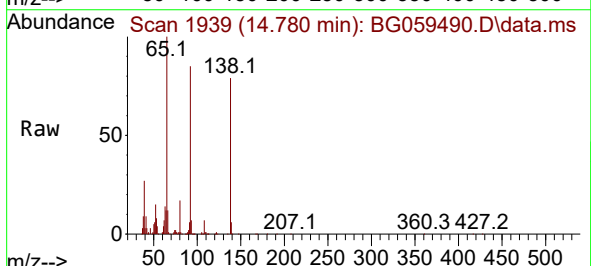
Tgt Ion:138 Resp: 346152

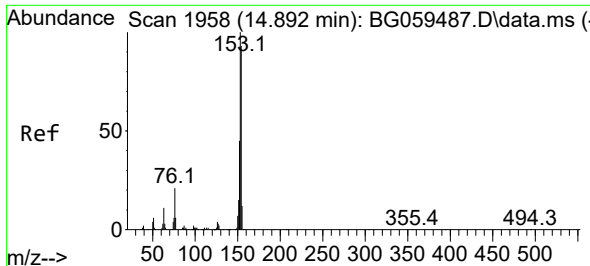
Ion Ratio Lower Upper

138 100

108 9.5 6.9 10.3

92 108.2 107.8 161.6

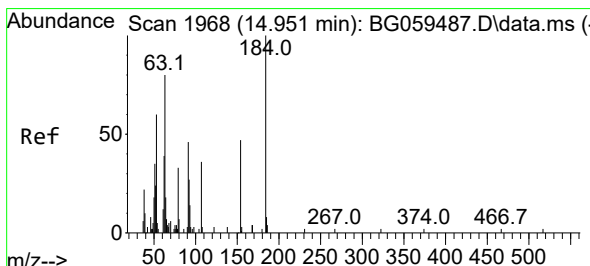
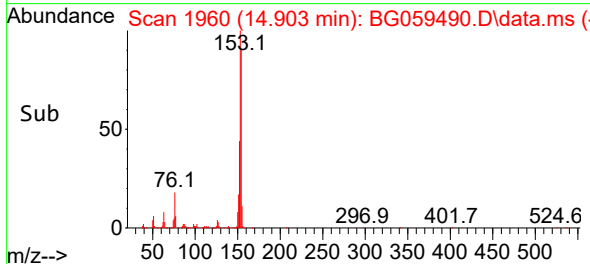
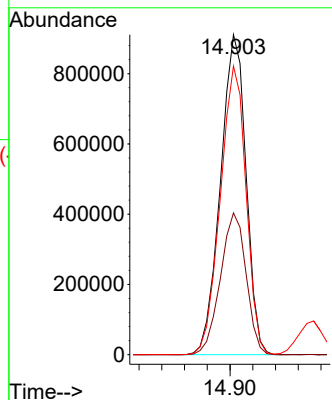
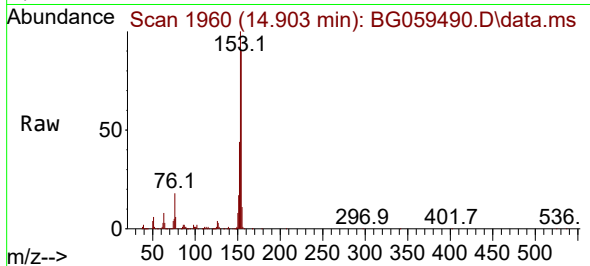




#52
Acenaphthene
Concen: 144.634 ng/ul
RT: 14.903 min Scan# 1958
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

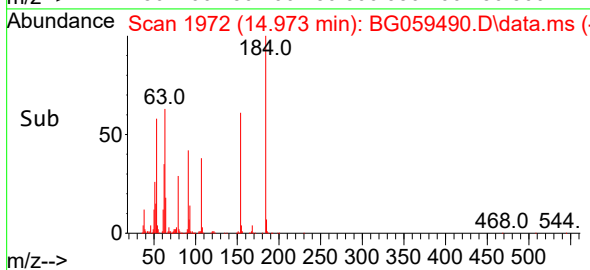
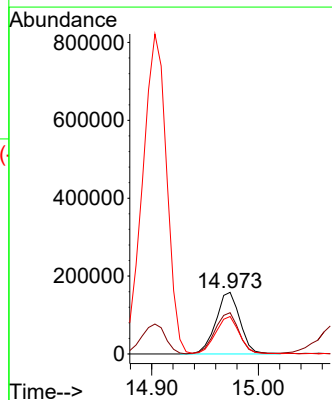
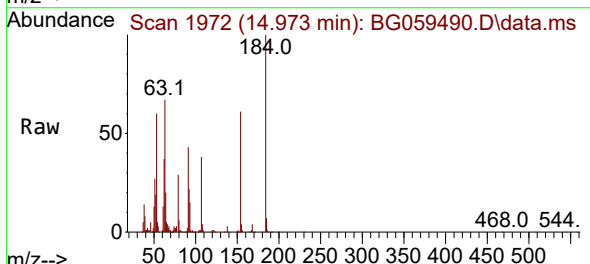
Instrument :
BNA_G
ClientSampleId :
SSTD160432

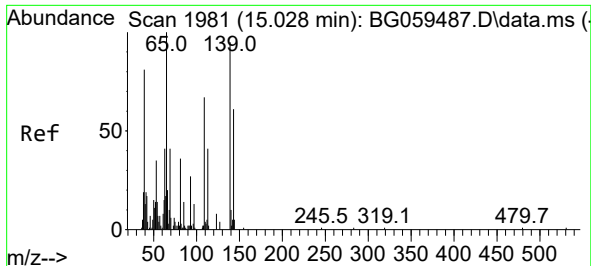
Tgt Ion:153 Resp: 1422462
Ion Ratio Lower Upper
153 100
152 44.3 36.0 54.0
154 90.2 74.2 111.4



#53
2,4-Dinitrophenol
Concen: 204.713 ng/ul
RT: 14.973 min Scan# 1972
Delta R.T. 0.022 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:184 Resp: 248501
Ion Ratio Lower Upper
184 100
63 67.0 65.8 98.8
154 60.8 47.5 71.3

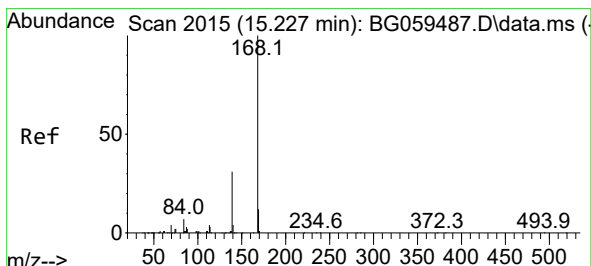
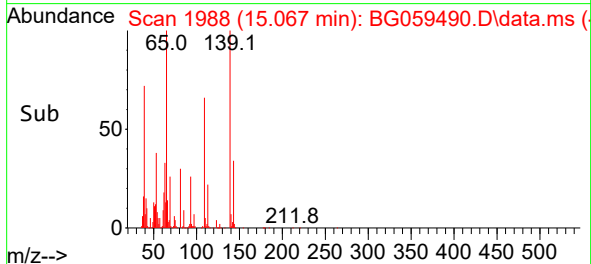
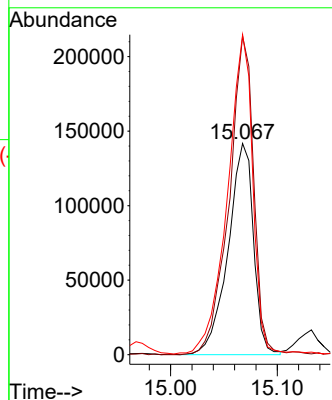
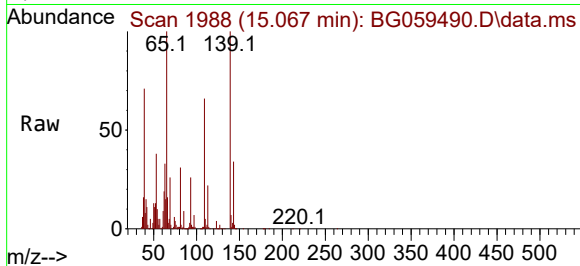




#55
4-Nitrophenol
Concen: 167.964 ng/ul
RT: 15.067 min Scan# 1981
Delta R.T. 0.040 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

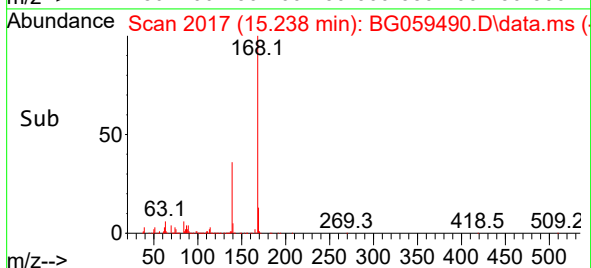
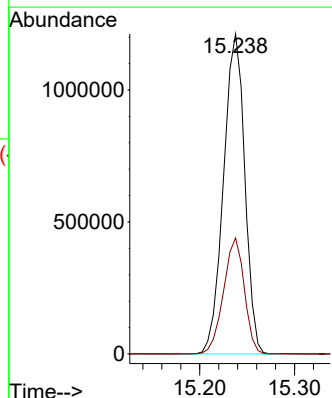
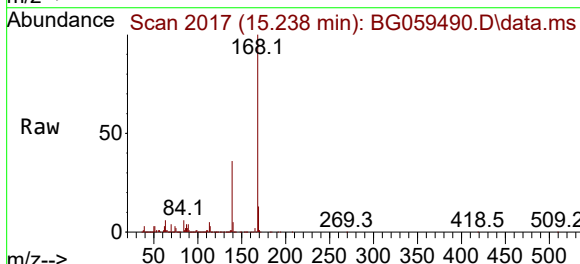
Instrument :
BNA_G
ClientSampleId :
SSTD160432

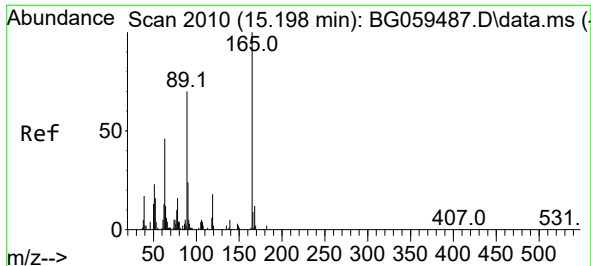
Tgt Ion:109 Resp: 234397
Ion Ratio Lower Upper
109 100
139 150.8 115.1 172.7
65 151.5 121.9 182.9



#56
Dibenzofuran
Concen: 142.380 ng/ul
RT: 15.238 min Scan# 2017
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:168 Resp: 1888076
Ion Ratio Lower Upper
168 100
139 36.2 25.0 37.4





#57

2,4-Dinitrotoluene

Concen: 153.338 ng/ul

RT: 15.220 min Scan# 2014

Delta R.T. 0.022 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

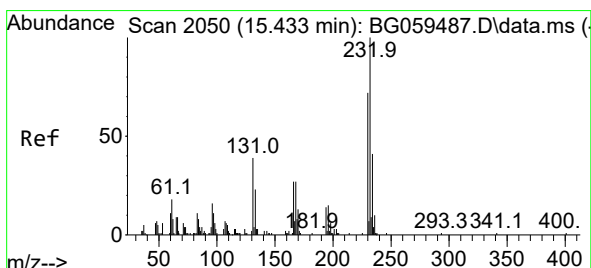
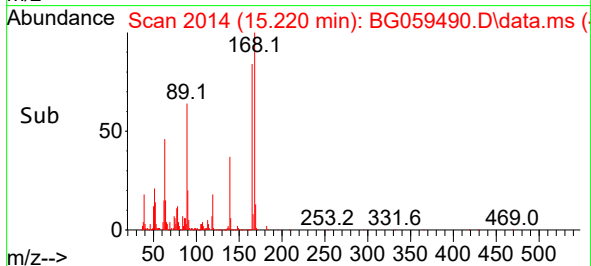
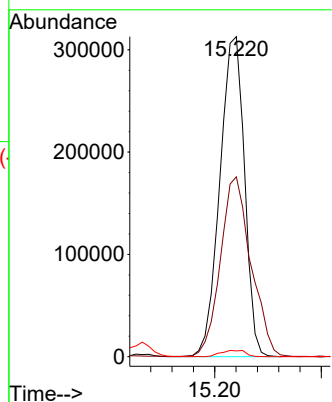
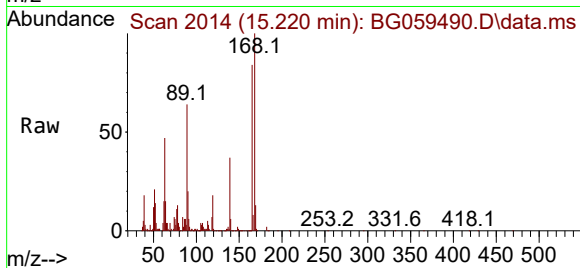
Tgt Ion:165 Resp: 502144

Ion Ratio Lower Upper

165 100

63 56.2 37.5 56.3

182 1.8 1.8 2.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 158.877 ng/ul

RT: 15.449 min Scan# 2053

Delta R.T. 0.016 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Tgt Ion:232 Resp: 426937

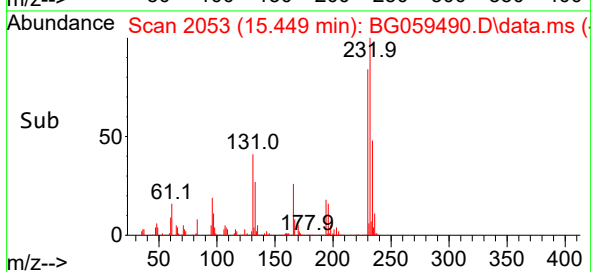
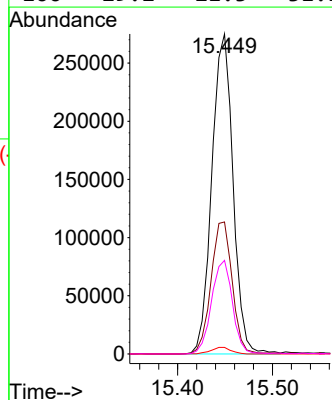
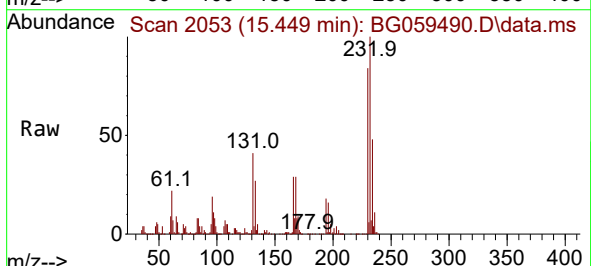
Ion Ratio Lower Upper

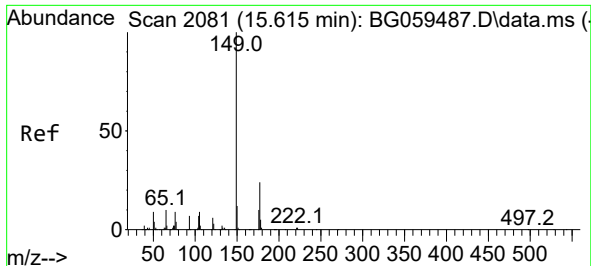
232 100

131 41.3 31.0 46.6

130 2.1 1.5 2.3

166 29.2 21.3 31.9

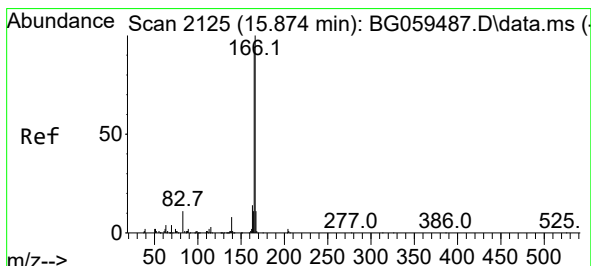
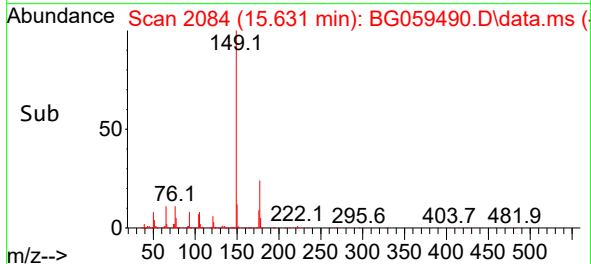
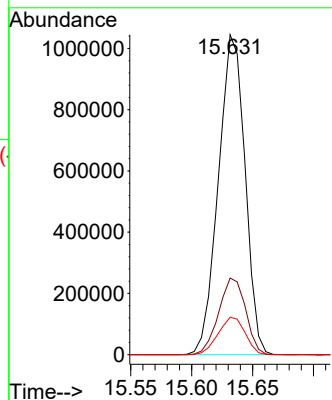
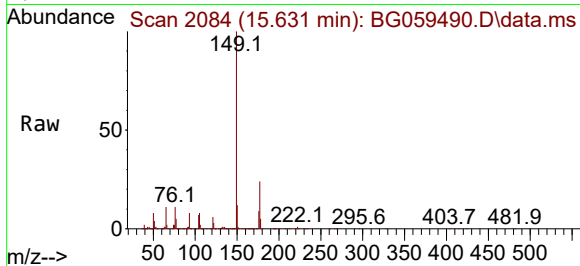




#59
Diethylphthalate
Concen: 143.332 ng/ul
RT: 15.631 min Scan# 2084
Delta R.T. 0.016 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

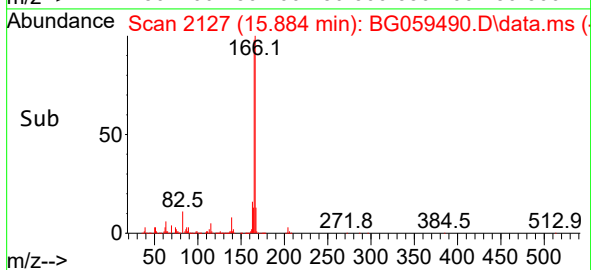
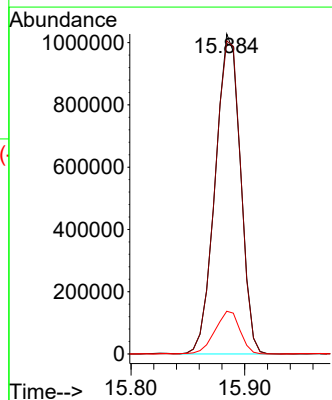
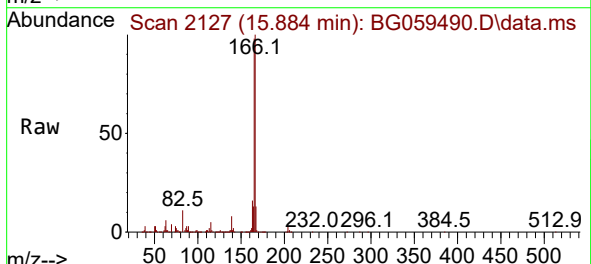
Instrument :
BNA_G
ClientSampleId :
SSTD160432

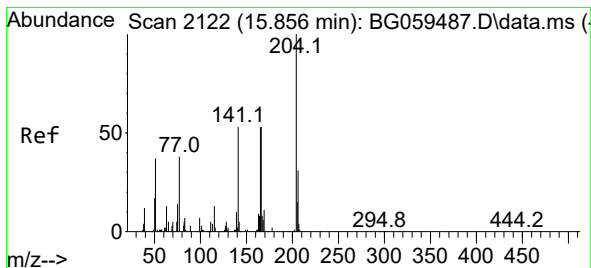
Tgt Ion:149 Resp: 1590237
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 11.7 10.0 15.0



#61
Fluorene
Concen: 142.274 ng/ul
RT: 15.884 min Scan# 2127
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:166 Resp: 1579235
Ion Ratio Lower Upper
166 100
165 97.8 74.8 112.2
167 13.4 9.0 13.6

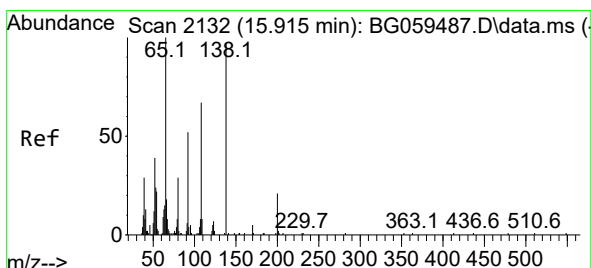
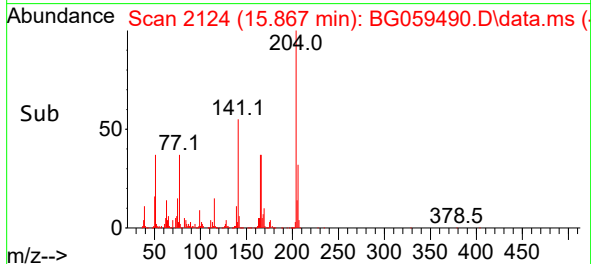
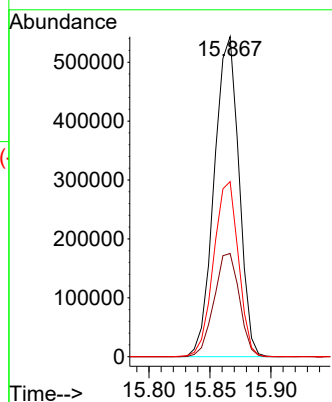
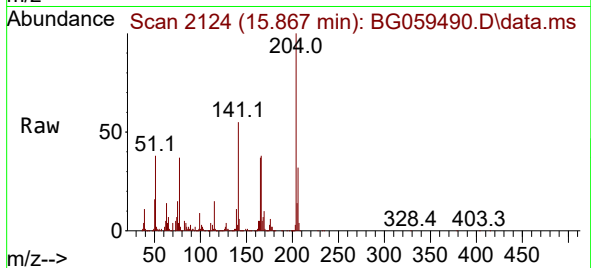




#62
4-Chlorophenyl-phenylether
Concen: 135.572 ng/ul
RT: 15.867 min Scan# 2124
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

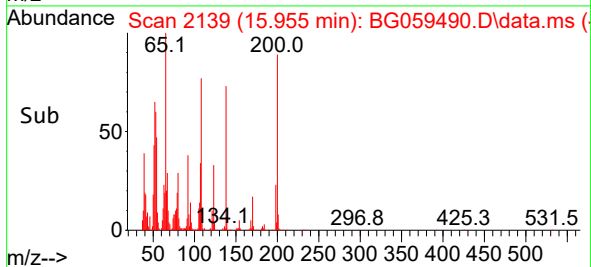
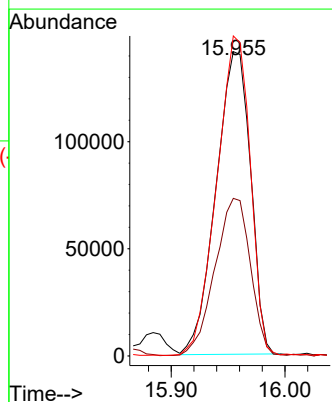
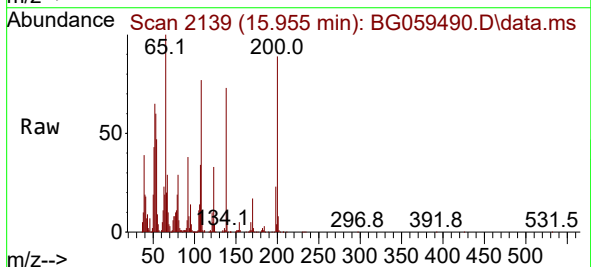
Instrument :
BNA_G
ClientSampleId :
SSTD160432

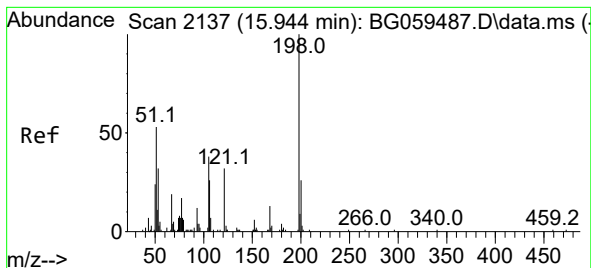
Tgt Ion:204 Resp: 767768
Ion Ratio Lower Upper
204 100
206 32.3 25.0 37.6
141 54.7 42.7 64.1



#63
4-Nitroaniline
Concen: 134.469 ng/ul
RT: 15.955 min Scan# 2139
Delta R.T. 0.040 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:138 Resp: 298046
Ion Ratio Lower Upper
138 100
92 51.8 42.5 63.7
108 105.1 54.6 81.8#

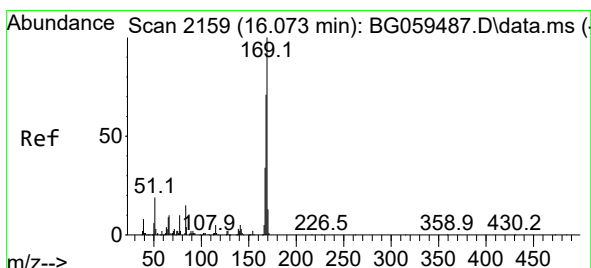
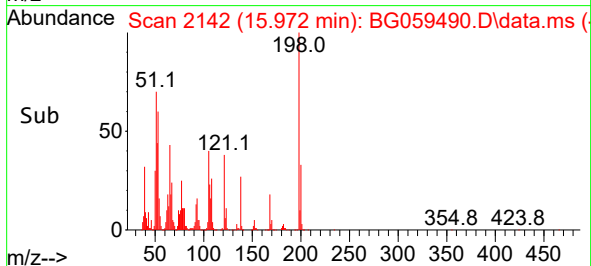
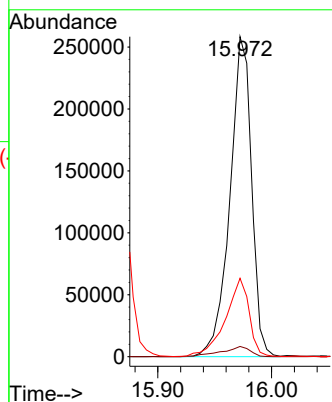
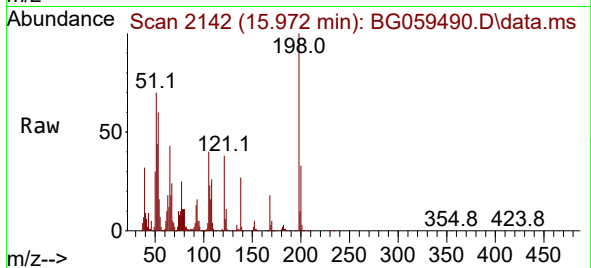




#66
 4,6-Dinitro-2-methylphenol
 Concen: 160.498 ng/ul
 RT: 15.972 min Scan# 2137
 Delta R.T. 0.028 min
 Lab File: BG059490.D
 Acq: 19 Oct 2023 13:13

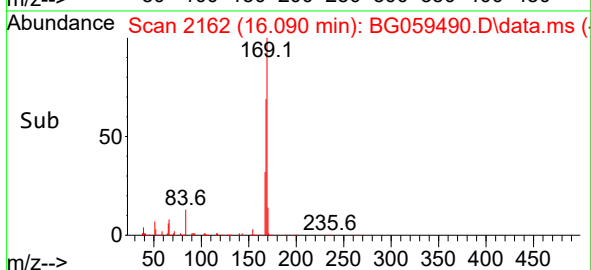
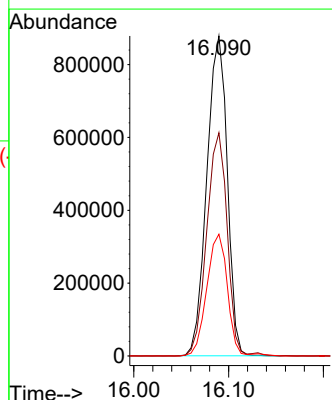
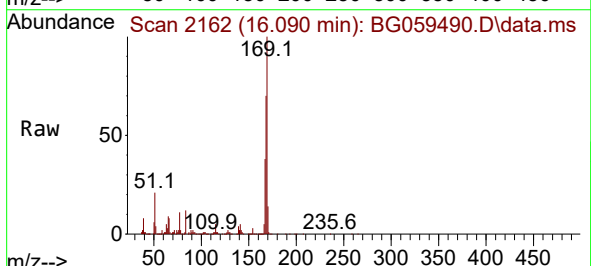
Instrument :
 BNA_G
 ClientSampleId :
 SSTD160432

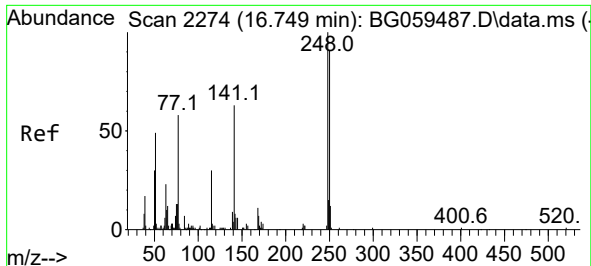
Tgt Ion:198 Resp: 341639
 Ion Ratio Lower Upper
 198 100
 182 3.2 1.5 2.3#
 77 24.5 13.4 20.0#



#67
 N-Nitrosodiphenylamine
 Concen: 142.247 ng/ul
 RT: 16.090 min Scan# 2162
 Delta R.T. 0.016 min
 Lab File: BG059490.D
 Acq: 19 Oct 2023 13:13

Tgt Ion:169 Resp: 1311616
 Ion Ratio Lower Upper
 169 100
 168 69.8 56.6 84.8
 167 38.0 27.3 40.9

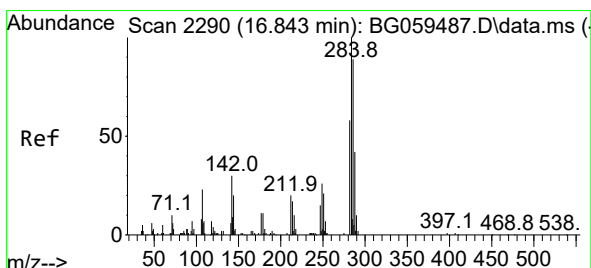
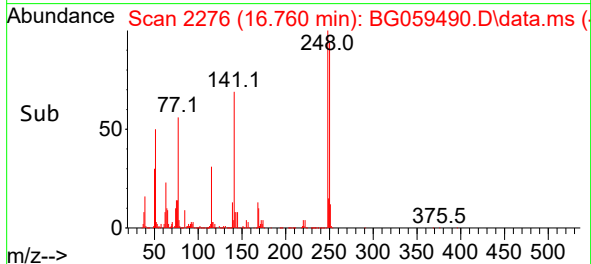
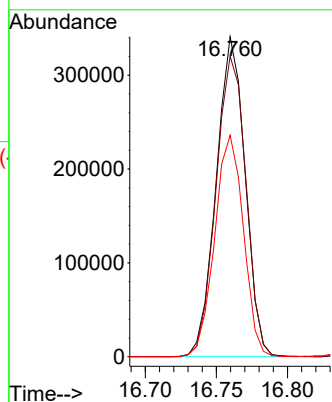
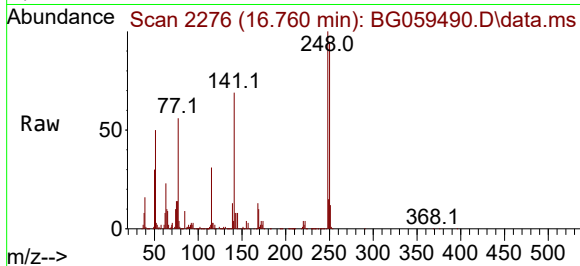




#68
4-Bromophenyl-phenylether
Concen: 143.507 ng/ul
RT: 16.760 min Scan# 21
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

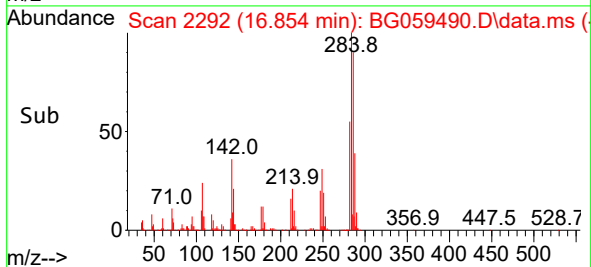
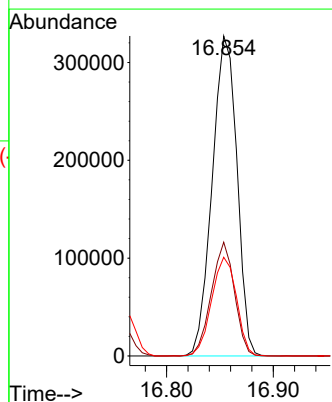
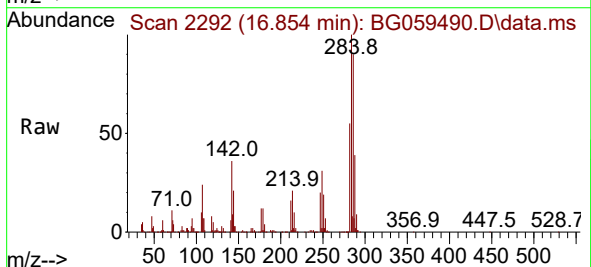
Instrument :
BNA_G
ClientSampleId :
SSTD160432

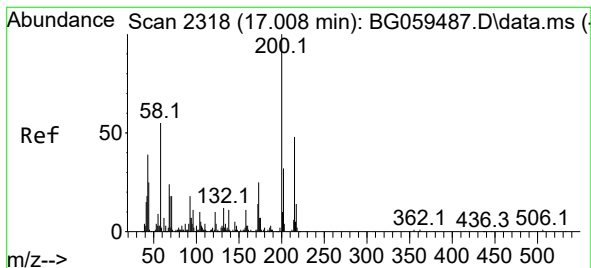
Tgt Ion:248 Resp: 483062
Ion Ratio Lower Upper
248 100
250 93.9 73.0 109.6
141 69.2 50.7 76.1



#69
Hexachlorobenzene
Concen: 138.057 ng/ul
RT: 16.854 min Scan# 2292
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:284 Resp: 526385
Ion Ratio Lower Upper
284 100
142 35.5 24.6 36.8
249 30.8 21.0 31.6





#70

Atrazine

Concen: 149.401 ng/ul

RT: 17.030 min Scan# 21

Delta R.T. 0.022 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

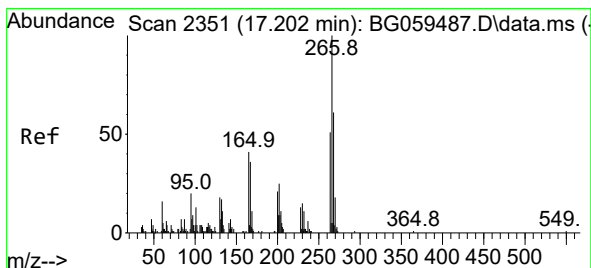
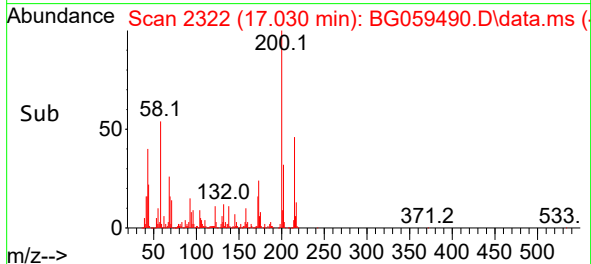
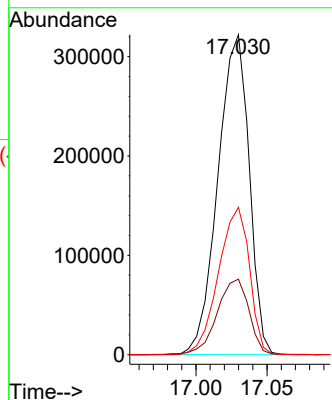
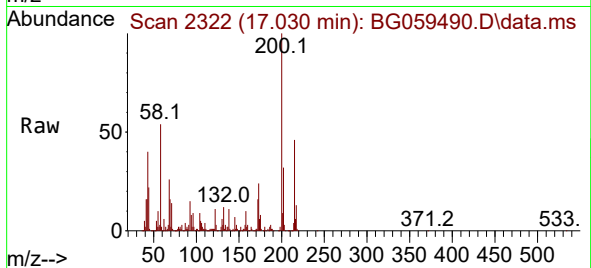
Tgt Ion:200 Resp: 491283

Ion Ratio Lower Upper

200 100

173 23.6 20.2 30.4

215 46.1 38.4 57.6



#71

Pentachlorophenol

Concen: 172.553 ng/ul

RT: 17.212 min Scan# 2353

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

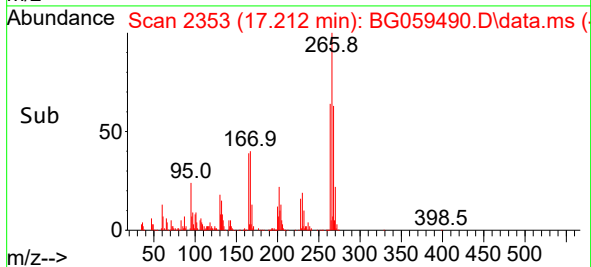
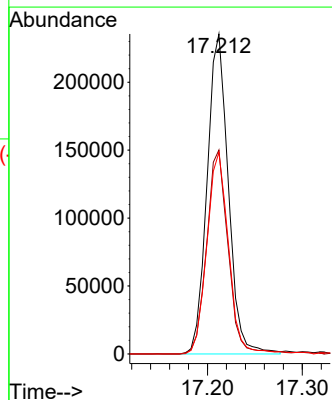
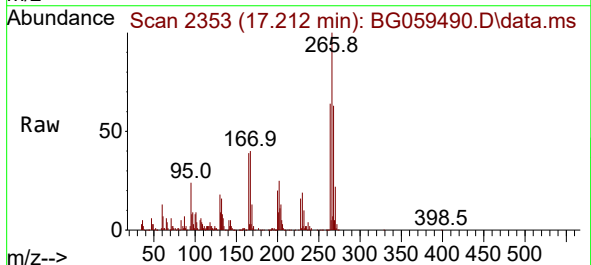
Tgt Ion:266 Resp: 366367

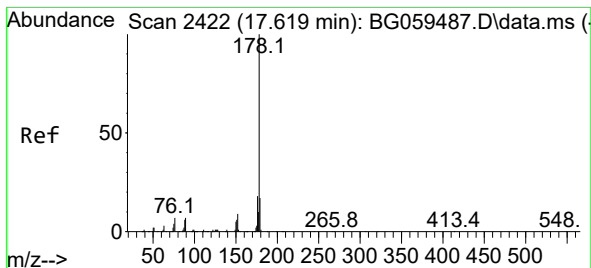
Ion Ratio Lower Upper

266 100

264 63.8 41.8 62.6#

268 63.0 53.2 79.8





#72

Phenanthrene

Concen: 136.177 ng/ul

RT: 17.635 min Scan# 24

Delta R.T. 0.016 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

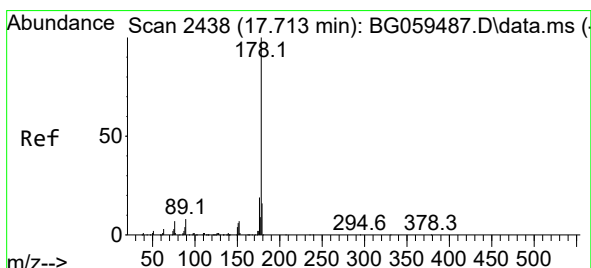
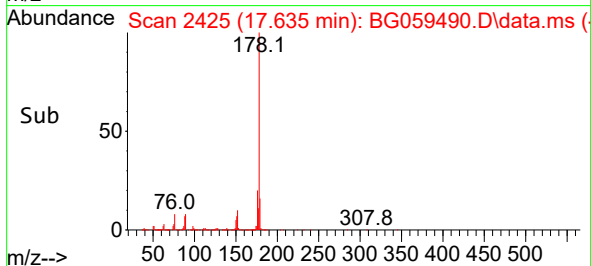
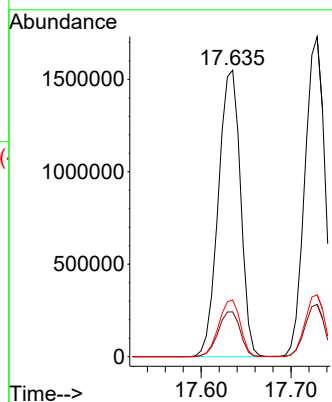
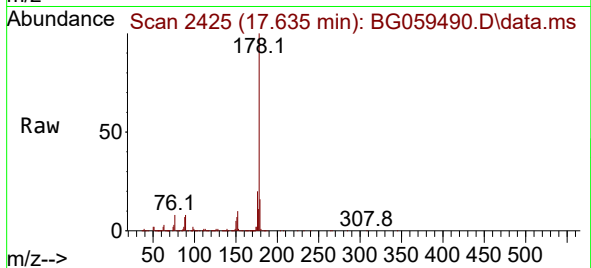
Tgt Ion:178 Resp: 2652150

Ion Ratio Lower Upper

178 100

179 15.6 13.3 19.9

176 19.8 14.3 21.5



#74

Anthracene

Concen: 132.668 ng/ul

RT: 17.729 min Scan# 2441

Delta R.T. 0.016 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

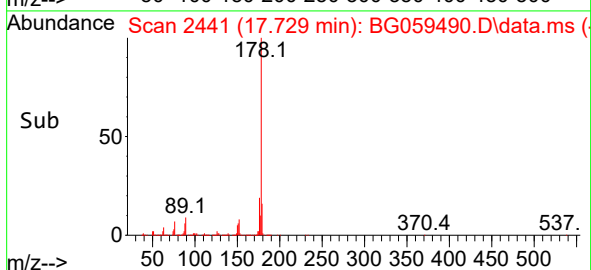
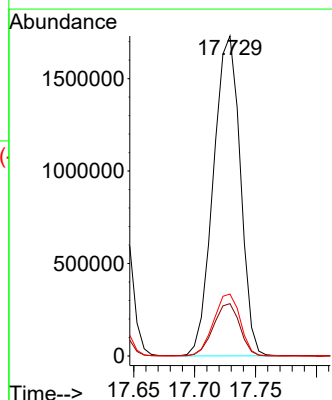
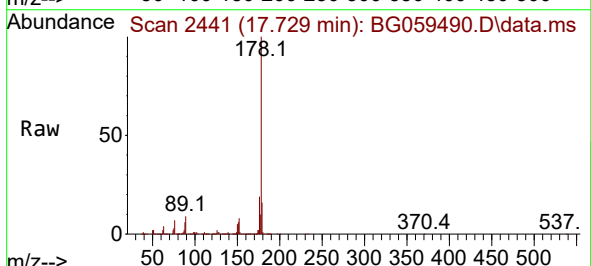
Tgt Ion:178 Resp: 2660046

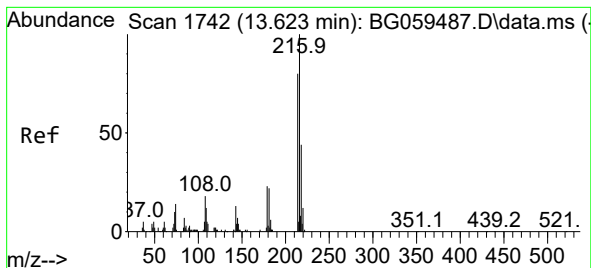
Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 19.4 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 150.667 ng/uL

RT: 13.634 min Scan# 11

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

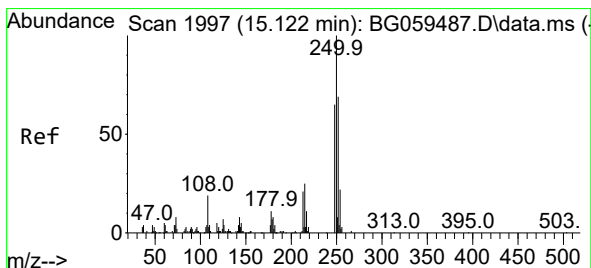
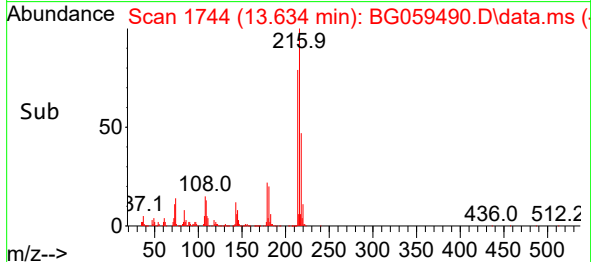
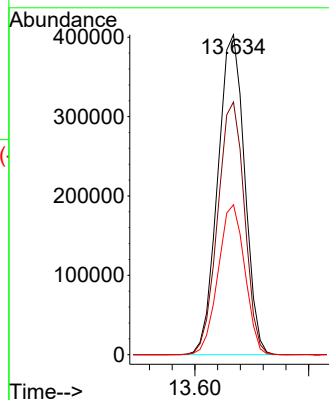
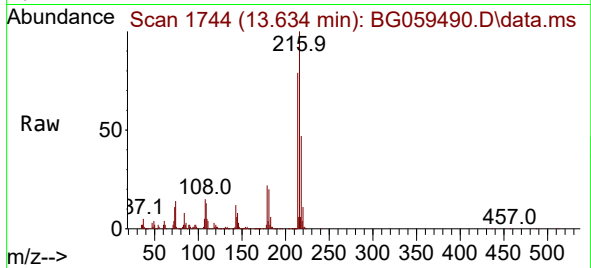
Tgt Ion:216 Resp: 661509

Ion Ratio Lower Upper

216 100

214 79.0 64.4 96.6

218 46.8 34.9 52.3



#76

Pentachlorobenzene

Concen: 142.400 ng/uL

RT: 15.132 min Scan# 1999

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

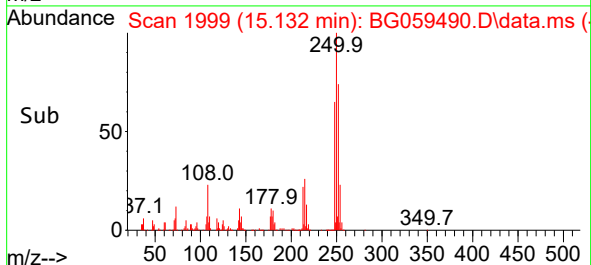
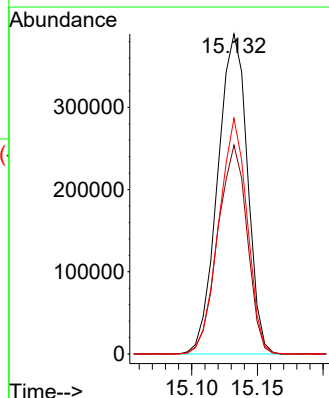
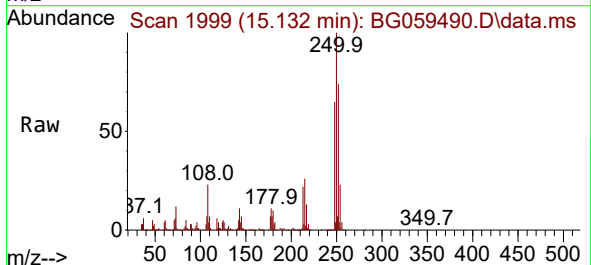
Tgt Ion:250 Resp: 612345

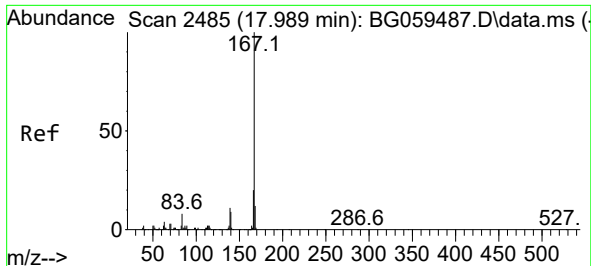
Ion Ratio Lower Upper

250 100

248 65.2 51.8 77.8

252 73.6 55.0 82.4

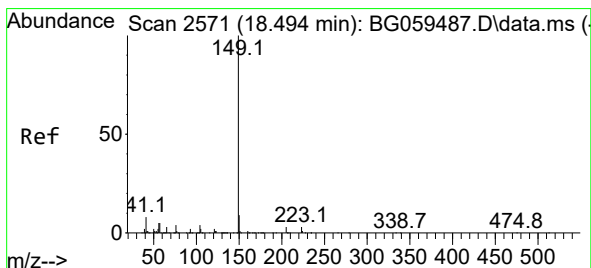
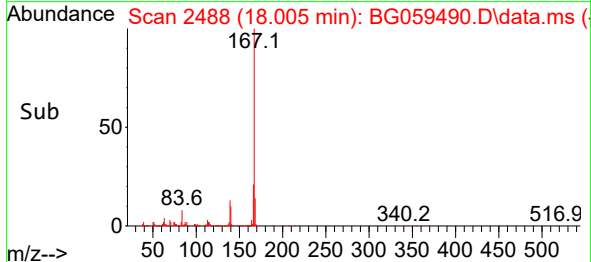
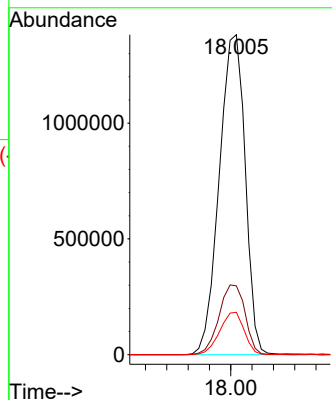
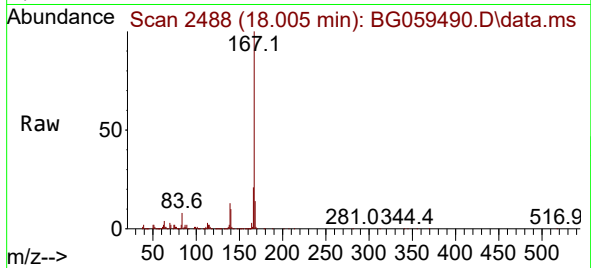




#77
Carbazole
Concen: 145.201 ng/ul
RT: 18.005 min Scan# 2488
Delta R.T. 0.016 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

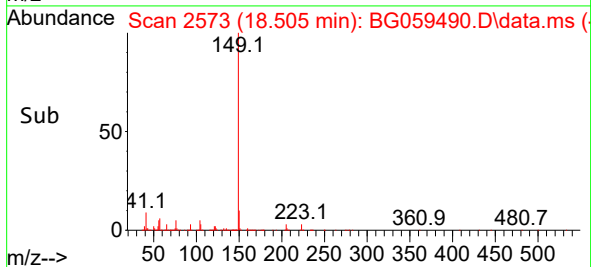
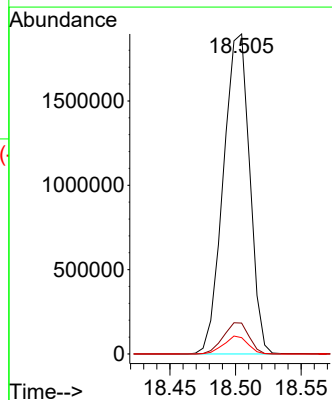
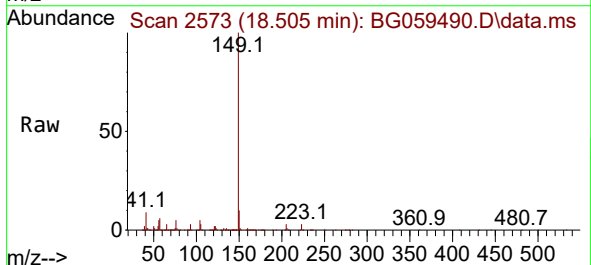
Instrument :
BNA_G
ClientSampleId :
SSTD160432

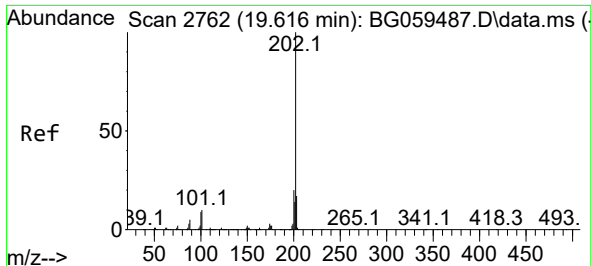
Tgt Ion:167 Resp: 2333344
Ion Ratio Lower Upper
167 100
166 21.5 15.8 23.6
139 13.2 8.7 13.1#



#78
Di-n-butylphthalate
Concen: 134.919 ng/ul
RT: 18.505 min Scan# 2573
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:149 Resp: 2646246
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 5.1 3.5 5.3

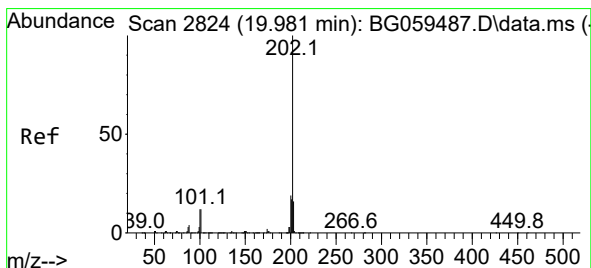
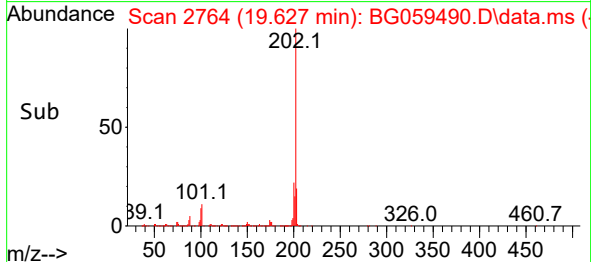
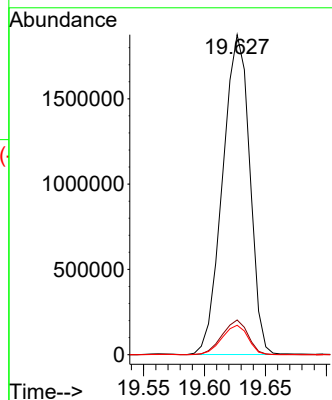
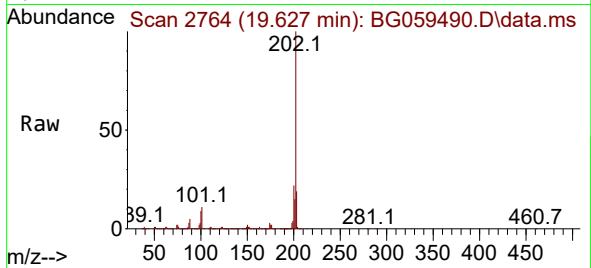




#80
Fluoranthene
Concen: 142.026 ng/ul
RT: 19.627 min Scan# 21
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

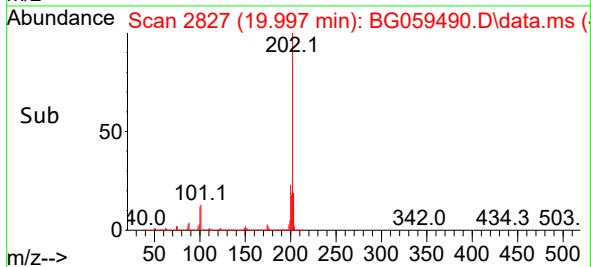
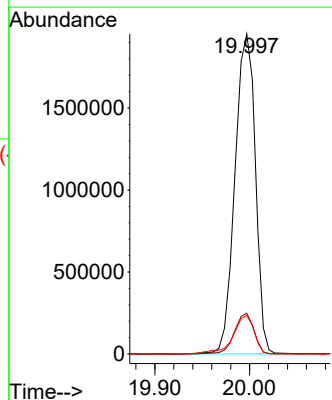
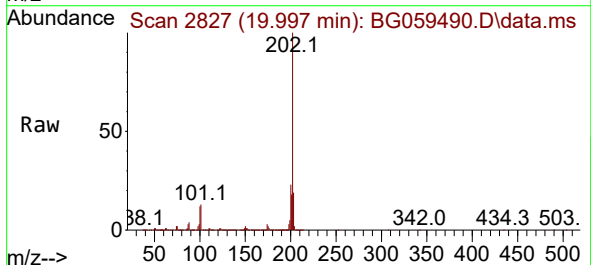
Instrument :
BNA_G
ClientSampleId :
SSTD160432

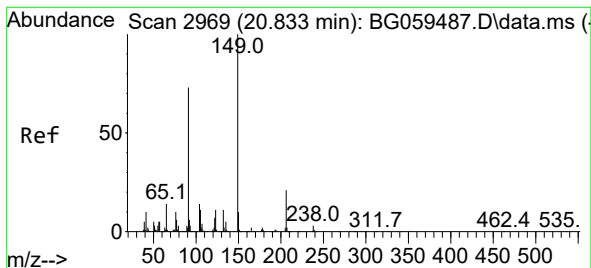
Tgt Ion:202 Resp: 2900556
Ion Ratio Lower Upper
202 100
101 10.9 8.1 12.1
100 9.2 7.3 10.9



#82
Pyrene
Concen: 135.485 ng/ul
RT: 19.997 min Scan# 2827
Delta R.T. 0.016 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:202 Resp: 2916541
Ion Ratio Lower Upper
202 100
101 12.7 9.4 14.0
100 12.0 9.4 14.0





#83

Butylbenzylphthalate

Concen: 160.189 ng/ul

RT: 20.843 min Scan# 2969

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

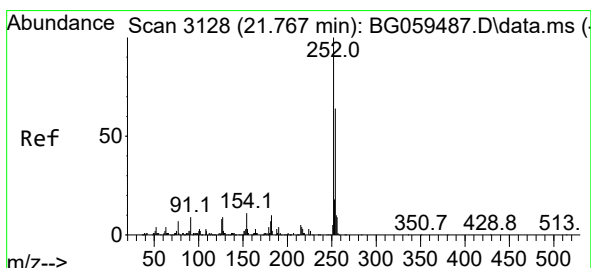
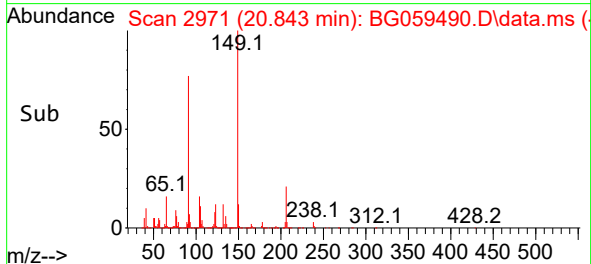
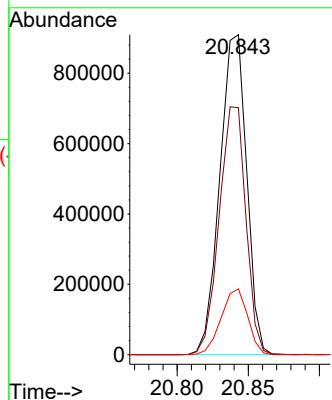
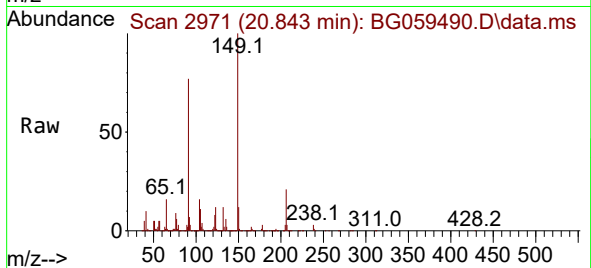
Tgt Ion:149 Resp: 1196895

Ion Ratio Lower Upper

149 100

91 77.2 58.6 87.8

206 20.6 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 141.146 ng/ul

RT: 21.777 min Scan# 3130

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

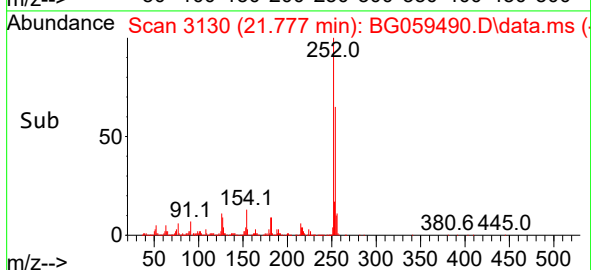
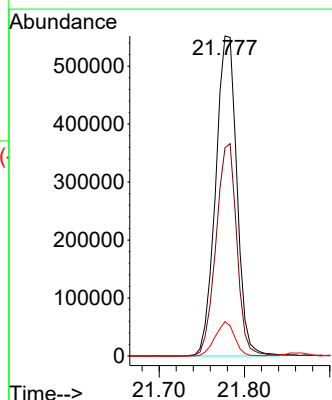
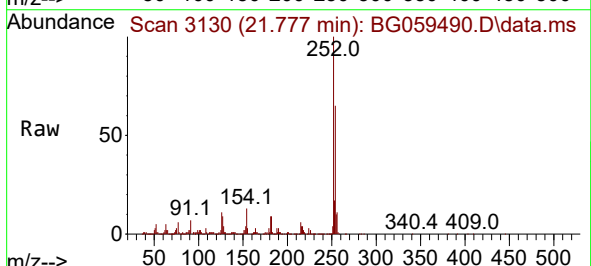
Tgt Ion:252 Resp: 955715

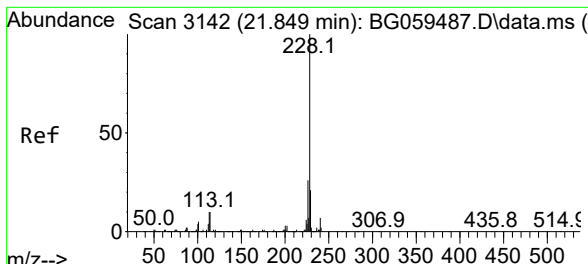
Ion Ratio Lower Upper

252 100

254 65.1 50.8 76.2

126 10.8 6.5 9.7#





#85

Benzo(a)anthracene

Concen: 143.391 ng/ul

RT: 21.865 min Scan# 3115

Delta R.T. 0.016 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

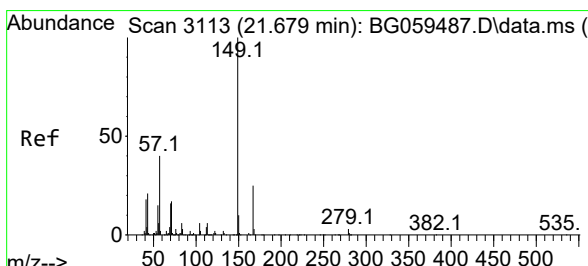
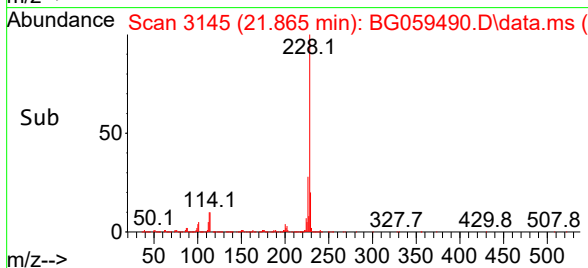
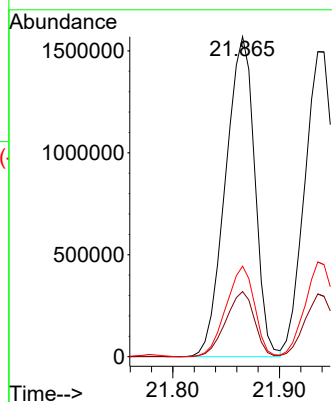
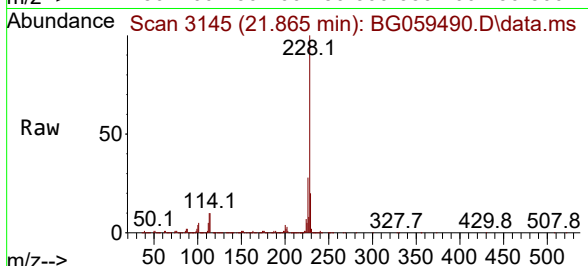
Tgt Ion:228 Resp: 2995479

Ion Ratio Lower Upper

228 100

229 20.4 16.7 25.1

226 28.3 21.0 31.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 160.562 ng/ul

RT: 21.689 min Scan# 3115

Delta R.T. 0.010 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

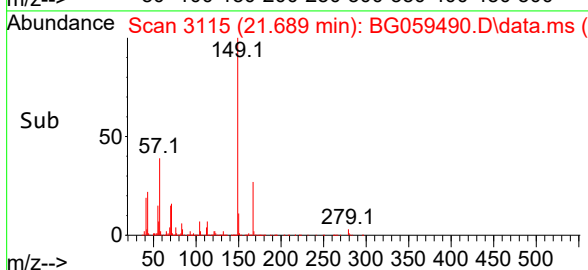
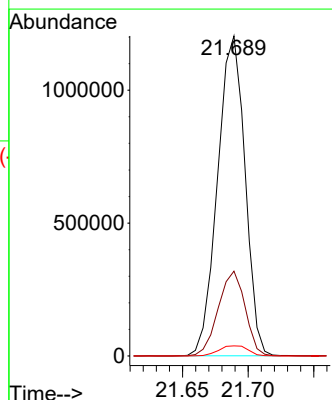
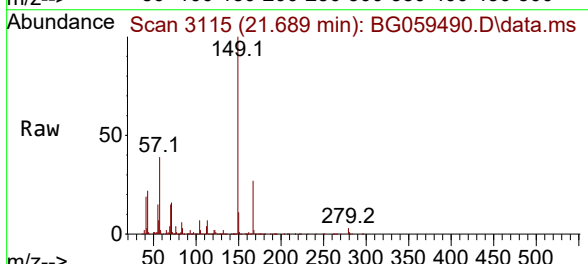
Tgt Ion:149 Resp: 1750337

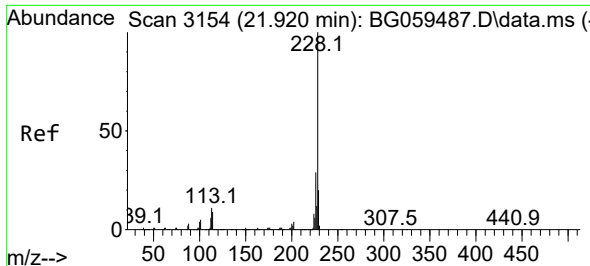
Ion Ratio Lower Upper

149 100

167 26.5 20.4 30.6

279 3.1 2.6 3.8

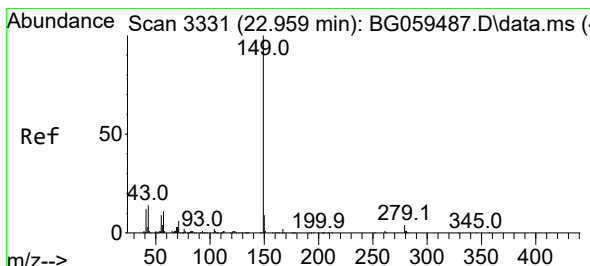
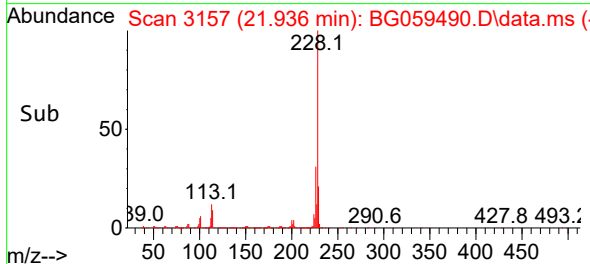
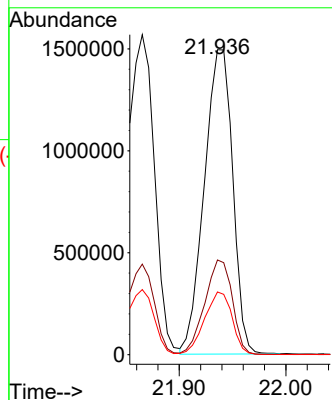
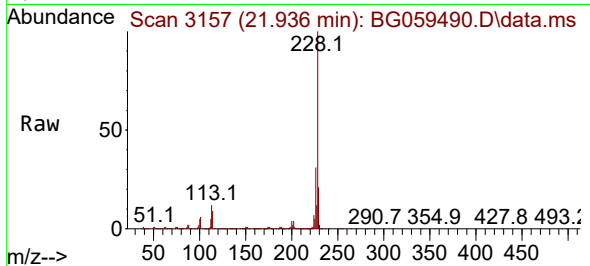




#87
Chrysene
Concen: 141.639 ng/ul
RT: 21.936 min Scan# 3154
Delta R.T. 0.016 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

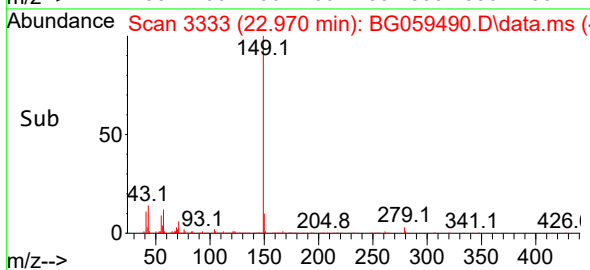
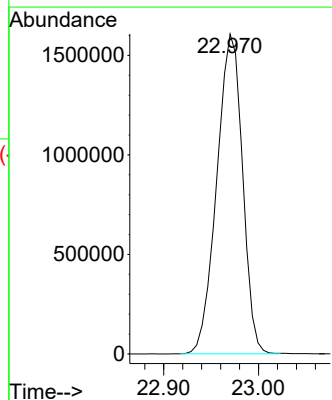
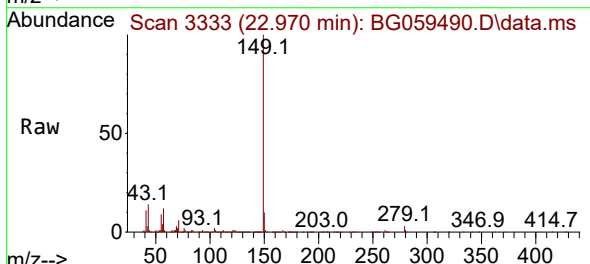
Instrument :
BNA_G
ClientSampleId :
SSTD160432

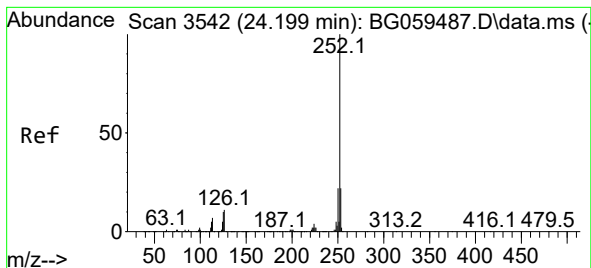
Tgt Ion:228 Resp: 2765922
Ion Ratio Lower Upper
228 100
226 31.1 23.3 34.9
229 20.6 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 129.232 ng/ul
RT: 22.970 min Scan# 3333
Delta R.T. 0.010 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:149 Resp: 3030834





#90

Benzo(b)fluoranthene

Concen: 146.804 ng/ul

RT: 24.227 min Scan# 3

Delta R.T. 0.028 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

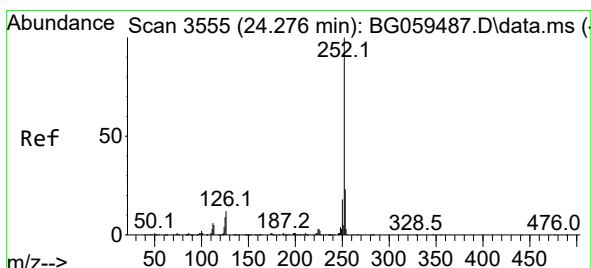
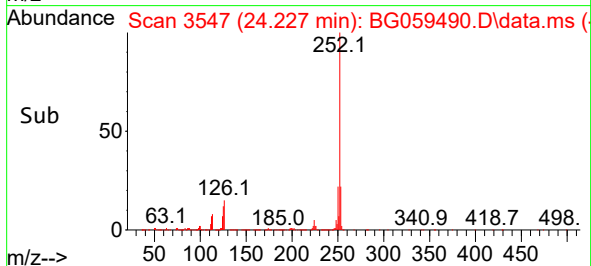
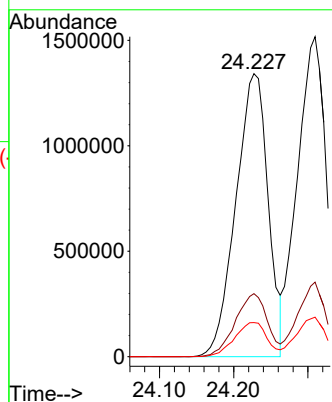
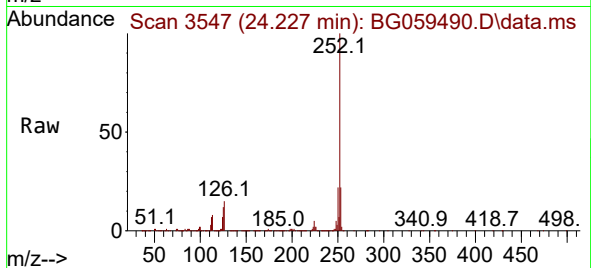
Tgt Ion:252 Resp: 4057413

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 12.1 8.2 12.2



#91

Benzo(k)fluoranthene

Concen: 142.080 ng/ul

RT: 24.310 min Scan# 3561

Delta R.T. 0.034 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

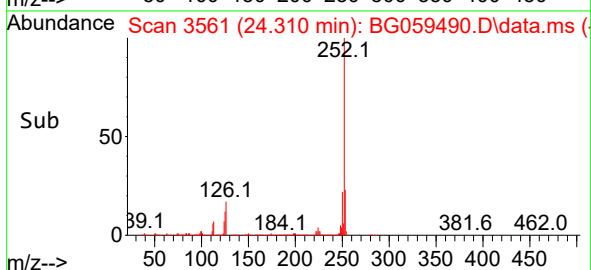
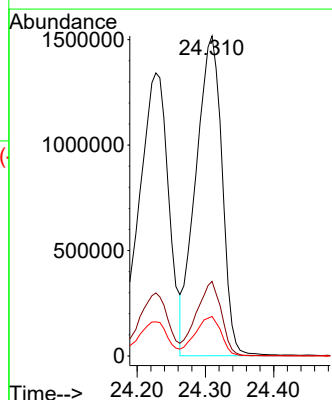
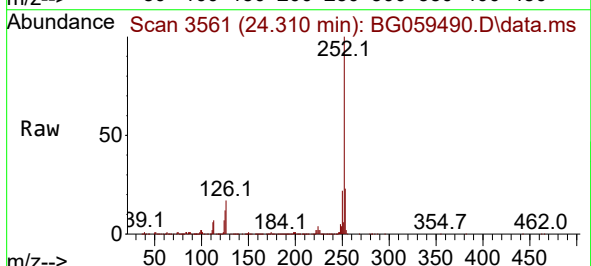
Tgt Ion:252 Resp: 4059889

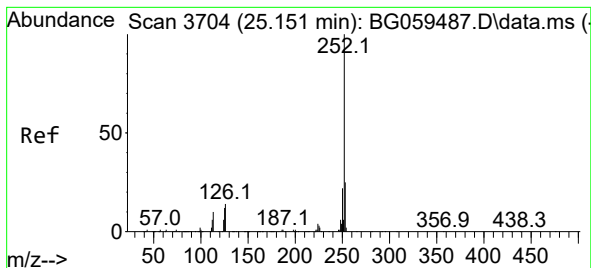
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 12.4 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 146.609 ng/ul

RT: 25.191 min Scan# 31

Delta R.T. 0.040 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

Instrument :

BNA_G

ClientSampleId :

SSTD160432

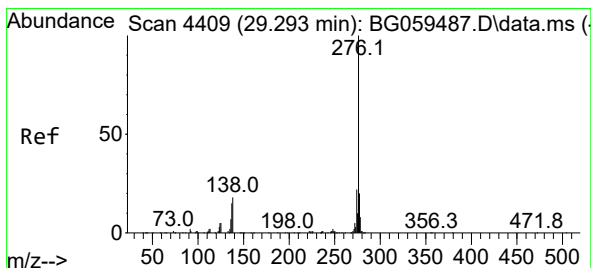
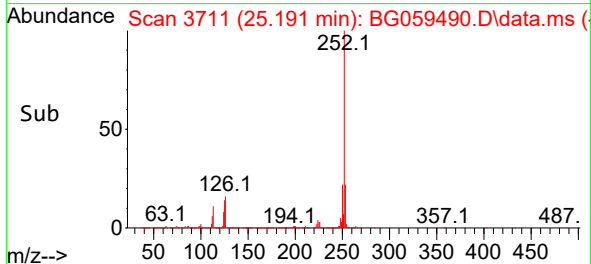
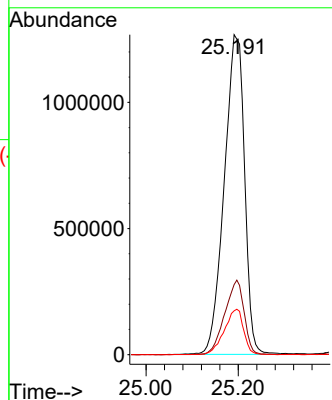
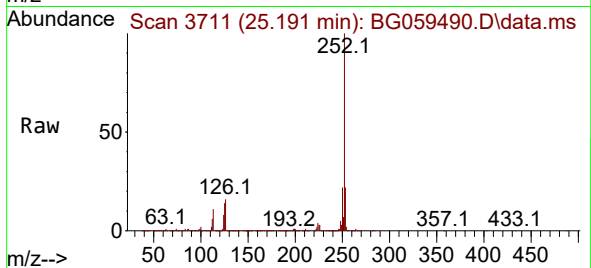
Tgt Ion:252 Resp: 3859857

Ion Ratio Lower Upper

252 100

253 21.9 20.0 30.0

125 13.7 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 109.117 ng/ul

RT: 29.357 min Scan# 4420

Delta R.T. 0.063 min

Lab File: BG059490.D

Acq: 19 Oct 2023 13:13

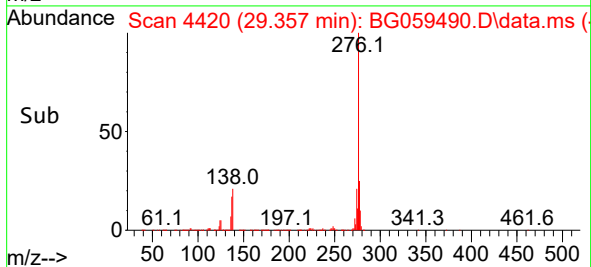
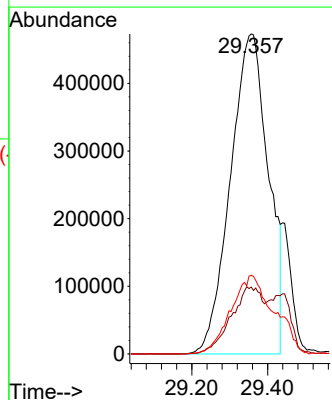
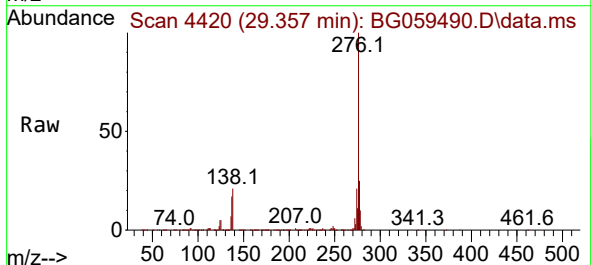
Tgt Ion:276 Resp: 3276984

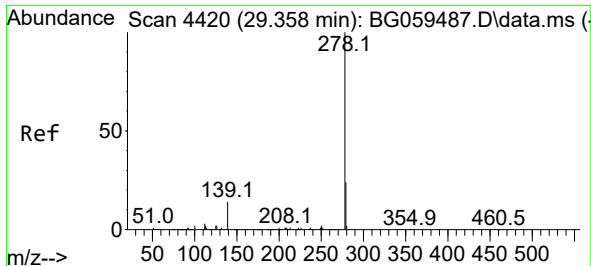
Ion Ratio Lower Upper

276 100

138 20.9 14.2 21.4

277 24.6 16.1 24.1#

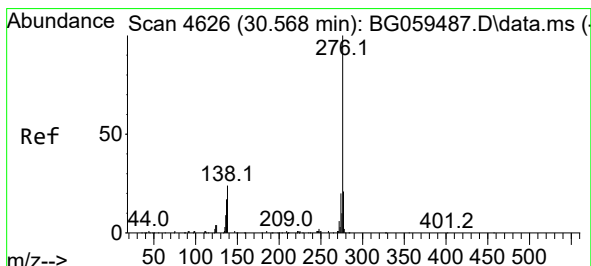
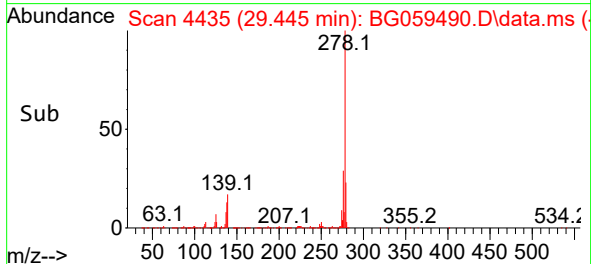
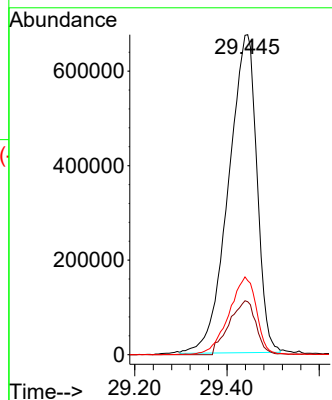
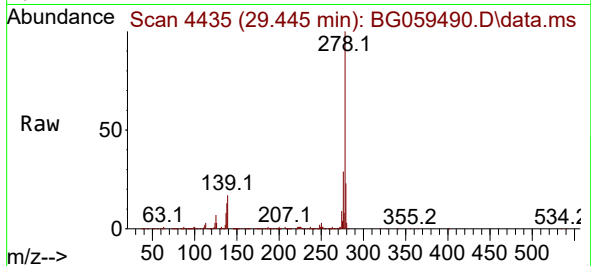




#95
Dibenzo(a,h)anthracene
Concen: 117.962 ng/ul
RT: 29.445 min Scan# 4420
Delta R.T. 0.087 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Instrument :
BNA_G
ClientSampleId :
SSTD160432

Tgt Ion:278 Resp: 2875531
Ion Ratio Lower Upper
278 100
139 16.6 11.3 16.9
279 23.2 19.1 28.7



#96
Benzo(g,h,i)perylene
Concen: 114.770 ng/ul
RT: 30.649 min Scan# 4640
Delta R.T. 0.081 min
Lab File: BG059490.D
Acq: 19 Oct 2023 13:13

Tgt Ion:276 Resp: 2896922
Ion Ratio Lower Upper
276 100
138 22.0 19.1 28.7
277 23.8 16.9 25.3

