

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
 Data File : BG059039.D
 Acq On : 13 Sep 2023 13:54
 Operator : MA/JU
 Sample : PB155387BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS387

Quant Time: Sep 14 01:04:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	90958	20.000	ng/u1	0.00
20) Naphthalene-d8	11.156	136	452920	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.940	164	350000	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.689	188	921876	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.014	240	755080	20.000	ng/u1	0.00
88) Perylene-d12	25.580	264	922409	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.612	96	15345	7.171	ng/uL	-0.02
4) Pyridine-d5	4.046	84	183656	27.107	ng/u1	-0.01
7) Phenol-d5	7.419	99	317466	34.612	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.625	67	174131	32.376	ng/u1	0.00
11) 2-Chlorophenol-d4	7.819	132	211454	35.945	ng/u1	0.00
15) 4-Methylphenol-d8	8.994	113	254916	35.973	ng/u1	0.00
21) Nitrobenzene-d5	9.505	128	110864	33.746	ng/u1	0.00
24) 2-Nitrophenol-d4	10.222	143	129235	35.850	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.750	165	271723	35.467	ng/u1	0.00
31) 4-Chloroaniline-d4	11.291	131	199636	19.377	ng/u1	0.00
46) Dimethylphthalate-d6	14.329	166	966117	35.586	ng/u1	0.00
49) Acenaphthylene-d8	14.640	160	1002152	33.148	ng/u1	0.00
54) 4-Nitrophenol-d4	15.110	143	168079	37.271	ng/u1	0.00
60) Fluorene-d10	15.921	176	849718	35.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	185194	40.925	ng/u1	0.00
73) Anthracene-d10	17.789	188	1420697	34.715	ng/u1	0.00
81) Pyrene-d10	20.057	212	1548635	38.717	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.327	264	1510638	33.409	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.647	88	31408	11.391	ng/uL#	87
5) Pyridine	4.070	79	201083	27.796	ng/u1	94
6) Benzaldehyde	7.454	77	149842	26.714	ng/u1	85
8) Phenol	7.448	94	354688	36.364	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.719	93	241531	33.880	ng/u1	95
12) 2-Chlorophenol	7.854	128	224107	36.856	ng/u1	94
13) 2-Methylphenol	8.723	108	282803	38.506	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.811	45	172531	20.155	ng/u1	99
16) Acetophenone	9.146	105	448998	38.217	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.111	70	255339	38.771	ng/u1#	97
18) 4-Methylphenol	9.058	108	308954	38.519	ng/u1	99
19) Hexachloroethane	9.393	117	92715	36.381	ng/u1	92
22) Nitrobenzene	9.546	77	337174	34.282	ng/u1	97
23) Isophorone	10.057	82	755030	36.140	ng/u1	96
25) 2-Nitrophenol	10.257	139	141427	38.476	ng/u1	90
26) 2,4-Dimethylphenol	10.274	107	347653	38.164	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.539	93	394804	35.259	ng/u1	99
29) 2,4-Dichlorophenol	10.774	162	266483	36.717	ng/u1	95
30) Naphthalene	11.203	128	843202	35.318	ng/u1	98
32) 4-Chloroaniline	11.320	127	283581	28.669	ng/u1	95
33) Hexachlorobutadiene	11.432	225	193208	34.023	ng/u1	94
34) Caprolactam	12.102	113	94892	36.840	ng/u1	97
35) 4-Chloro-3-methylphenol	12.390	107	345501	38.745	ng/u1	90
36) 2-Methylnaphthalene	12.783	142	625191	35.094	ng/u1	96

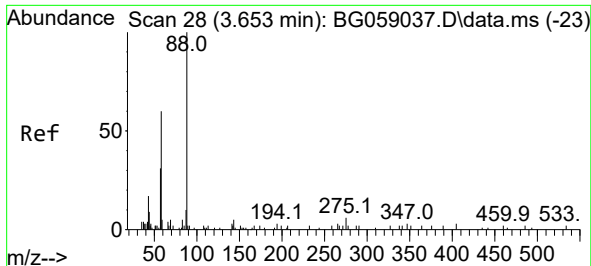
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.001	142	616759	35.099	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.124	216	387960	33.958	ng/ul	97
40) Hexachlorocyclopentadiene	13.077	237	264672	31.484	ng/ul	88
41) 2,4,6-Trichlorophenol	13.365	196	249503	34.400	ng/ul	96
42) 2,4,5-Trichlorophenol	13.435	196	277561	35.348	ng/ul	95
43) 1,1'-Biphenyl	13.770	154	926279	35.404	ng/ul	99
44) 2-Chloronaphthalene	13.829	162	693864	34.724	ng/ul	95
45) 2-Nitroaniline	14.041	65	233418	38.089	ng/ul	92
47) Dimethylphthalate	14.381	163	977512	38.080	ng/ul	100
48) 2,6-Dinitrotoluene	14.522	165	204038	41.785	ng/ul	99
50) Acenaphthylene	14.669	152	1134121	34.409	ng/ul	96
51) 3-Nitroaniline	14.857	138	190242	40.598	ng/ul#	88
52) Acenaphthene	15.004	153	789317	35.686	ng/ul	98
53) 2,4-Dinitrophenol	15.057	184	124532	39.567	ng/ul	92
55) 4-Nitrophenol	15.128	109	207136	38.930	ng/ul	94
56) Dibenzofuran	15.333	168	1164165	36.338	ng/ul	97
57) 2,4-Dinitrotoluene	15.298	165	292123	43.356	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.539	232	284986	37.996	ng/ul#	98
59) Diethylphthalate	15.727	149	1022342	40.397	ng/ul	95
61) Fluorene	15.985	166	1003119	38.096	ng/ul#	98
62) 4-Chlorophenyl-phenyle...	15.962	204	536336	38.494	ng/ul	92
63) 4-Nitroaniline	16.021	138	209209	47.108	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	16.050	198	191985	38.872	ng/ul#	92
67) N-Nitrosodiphenylamine	16.185	169	862382	35.490	ng/ul	99
68) 4-Bromophenyl-phenylether	16.861	248	364487	36.041	ng/ul	91
69) Hexachlorobenzene	16.955	284	413649	35.629	ng/ul	96
70) Atrazine	17.113	200	139399	14.659	ng/ul	97
71) Pentachlorophenol	17.307	266	241448	33.739	ng/ul	95
72) Phenanthrene	17.730	178	1682051	35.951	ng/ul	98
74) Anthracene	17.824	178	1713314	36.029	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.729	216	41649	3.131	ng/uL	97
76) Pentachlorobenzene	15.227	250	444280	34.559	ng/uL	97
77) Carbazole	18.095	167	1498948	37.642	ng/ul	98
78) Di-n-butylphthalate	18.606	149	1740982	39.438	ng/ul	98
80) Fluoranthene	19.722	202	1963506	42.272	ng/ul#	97
82) Pyrene	20.086	202	1934763	40.067	ng/ul#	95
83) Butylbenzylphthalate	20.950	149	669589	43.881	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.902	252	588174	35.110	ng/ul	96
85) Benzo(a)anthracene	21.990	228	1835412	36.246	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.826	149	980743	42.915	ng/ul	98
87) Chrysene	22.067	228	1729359	36.737	ng/ul	98
89) Di-n-octyl phthalate	23.159	149	1705276	40.188	ng/ul	100
90) Benzo(b)fluoranthene	24.423	252	1948670	35.464	ng/ul	98
91) Benzo(k)fluoranthene	24.505	252	1901619	33.865	ng/ul	96
93) Benzo(a)pyrene	25.410	252	1701483	33.189	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.716	276	1897277	29.289	ng/ul#	94
95) Dibenzo(a,h)anthracene	29.793	278	1784461	33.245	ng/ul	95
96) Benzo(g,h,i)perylene	31.032	276	1805490	35.214	ng/ul	96

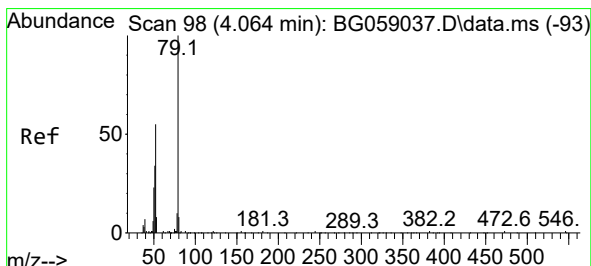
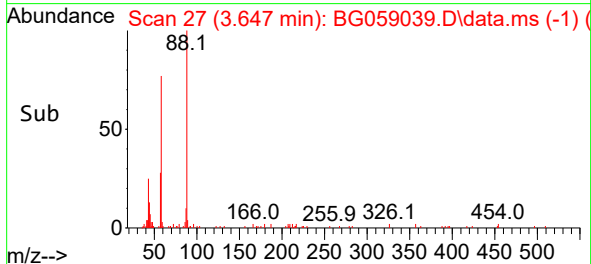
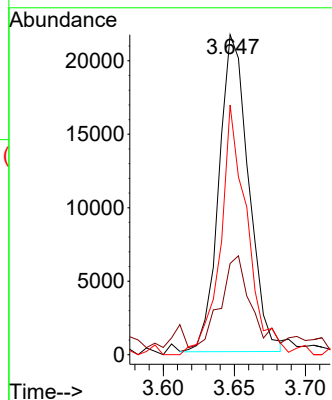
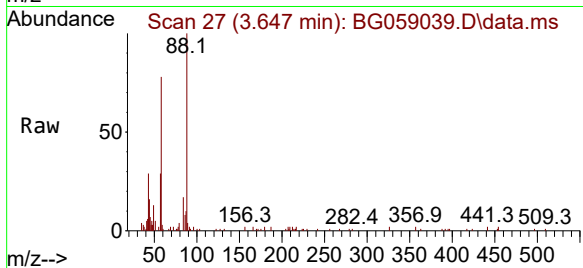
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#2
1,4-Dioxane
Concen: 11.391 ng/uL
RT: 3.647 min Scan# 21
Delta R.T. -0.017 min
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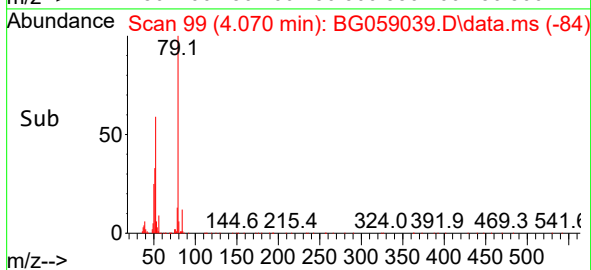
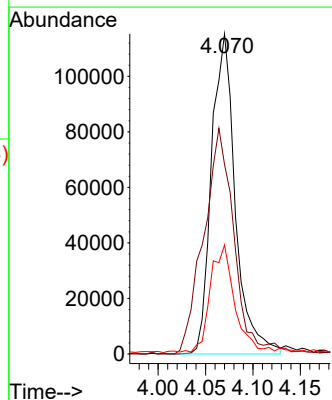
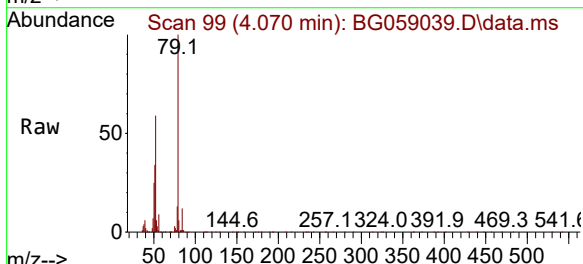
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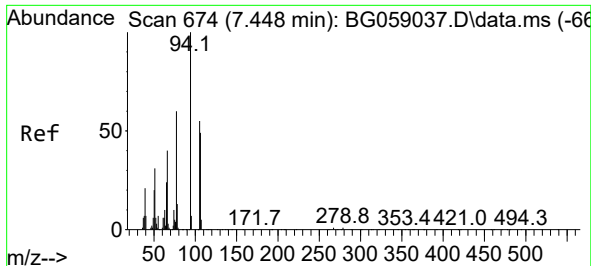
Tgt Ion: 88 Resp: 31408
Ion Ratio Lower Upper
88 100
43 28.5 18.6 28.0#
58 78.0 53.8 80.8



#5
Pyridine
Concen: 27.796 ng/uL
RT: 4.070 min Scan# 99
Delta R.T. -0.011 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion: 79 Resp: 201083
Ion Ratio Lower Upper
79 100
52 59.2 51.4 77.0
51 34.1 25.2 37.8

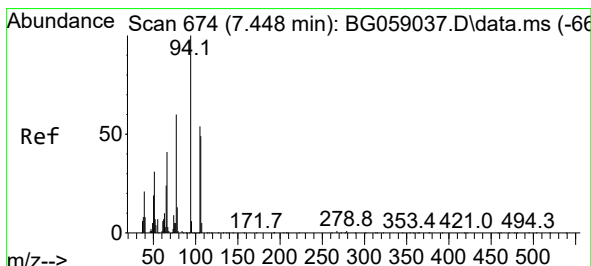
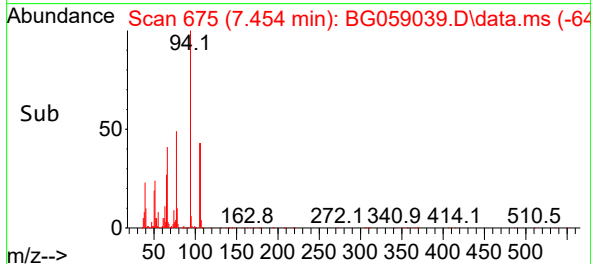
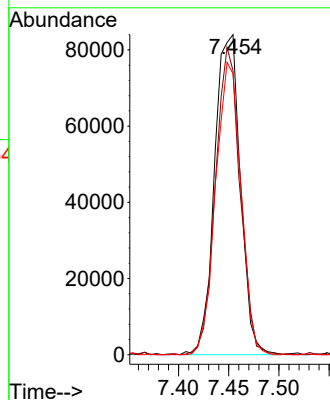
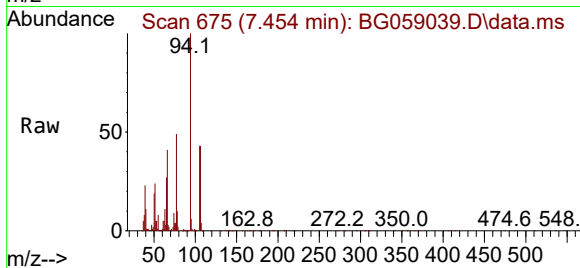




#6
Benzaldehyde
Concen: 26.714 ng/ul
RT: 7.454 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

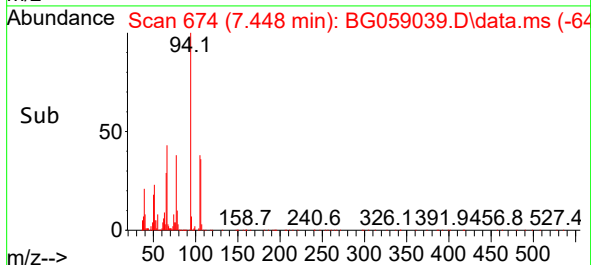
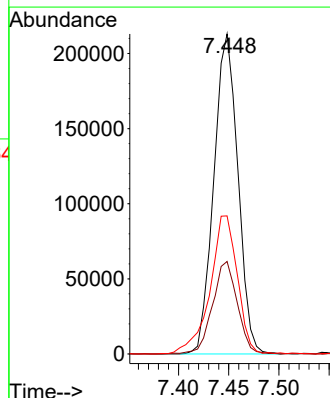
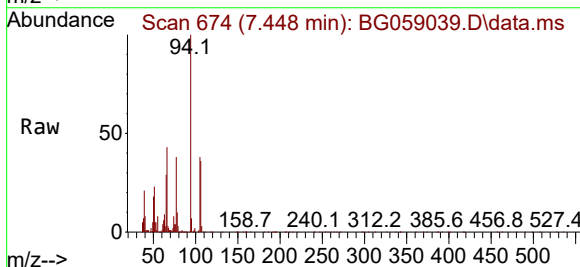
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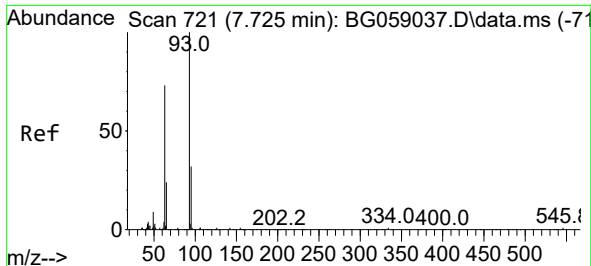
Tgt Ion: 77 Resp: 149842
Ion Ratio Lower Upper
77 100
105 88.8 81.6 122.4
106 87.8 84.5 126.7



#8
Phenol
Concen: 36.364 ng/ul
RT: 7.448 min Scan# 674
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion: 94 Resp: 354688
Ion Ratio Lower Upper
94 100
65 28.9 22.4 33.6
66 43.2 35.0 52.6

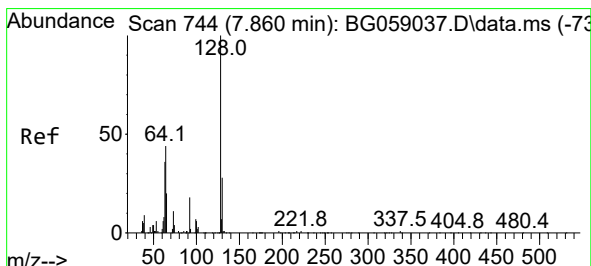
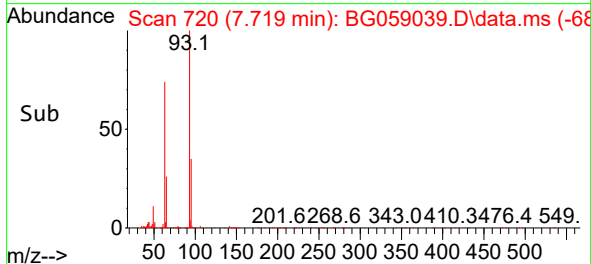
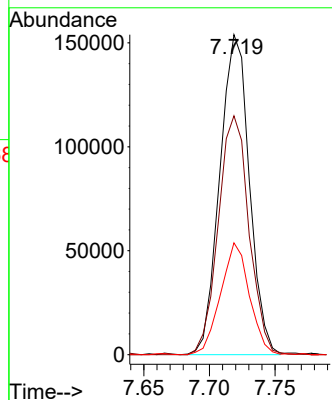
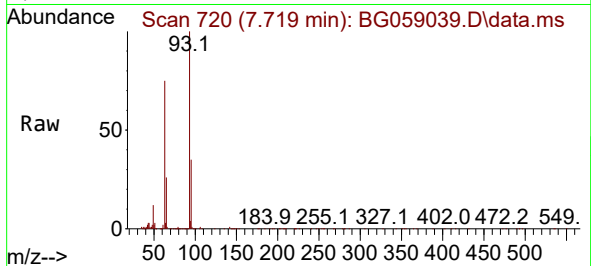




#10
Bis(2-Chloroethyl)ether
Concen: 33.880 ng/ul
RT: 7.719 min Scan# 719
Delta R.T. -0.011 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

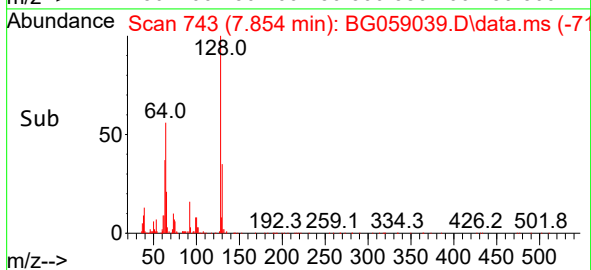
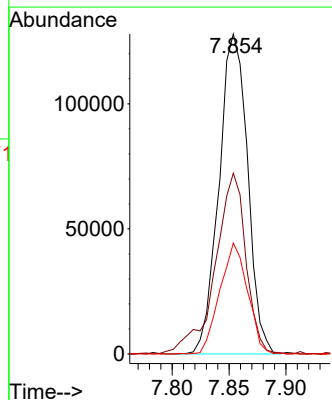
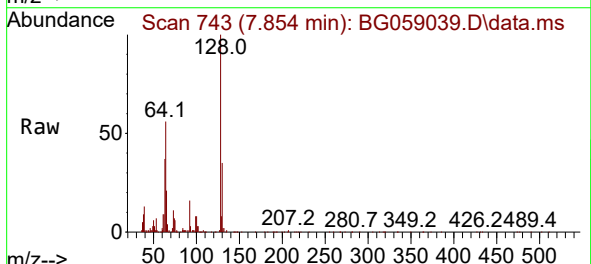
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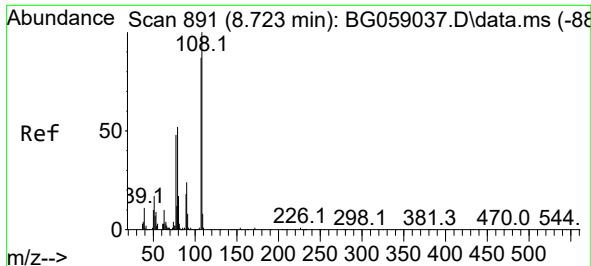
Tgt Ion: 93 Resp: 241531
Ion Ratio Lower Upper
93 100
63 74.7 56.2 84.4
95 35.0 26.4 39.6



#12
2-Chlorophenol
Concen: 36.856 ng/ul
RT: 7.854 min Scan# 743
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:128 Resp: 224107
Ion Ratio Lower Upper
128 100
64 56.5 43.1 64.7
130 34.6 23.2 34.8

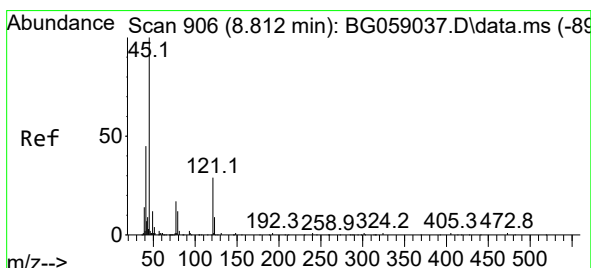
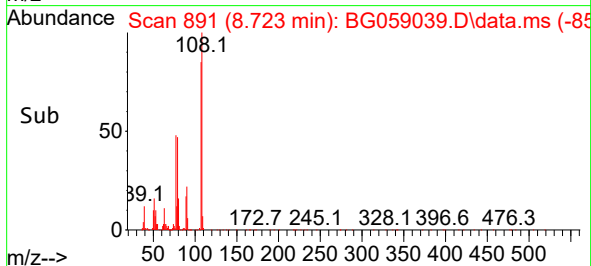
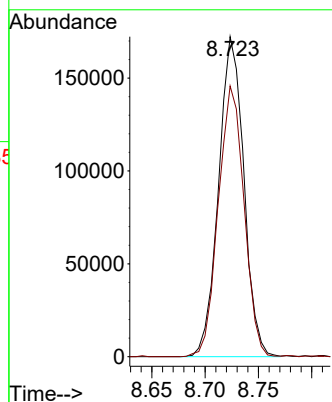
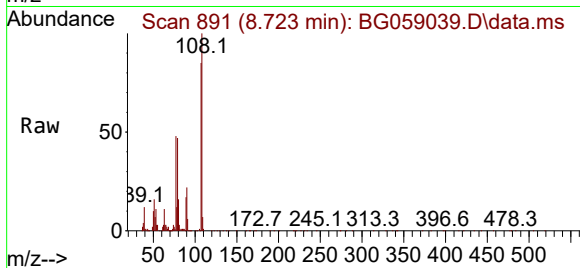




#13
2-Methylphenol
Concen: 38.506 ng/ul
RT: 8.723 min Scan# 891
Delta R.T. -0.005 min
Lab File: BG059039.D
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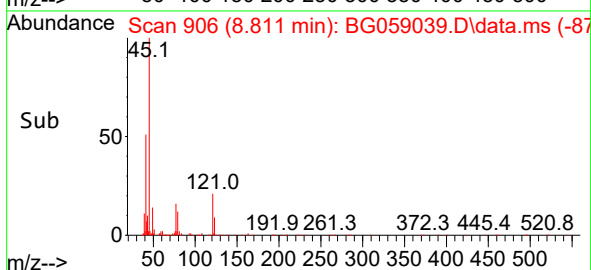
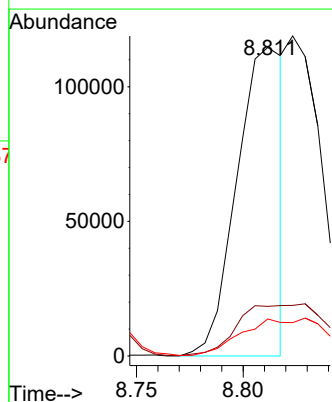
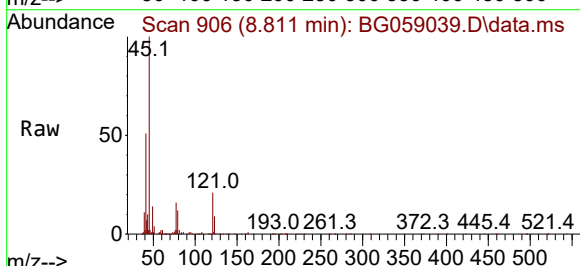
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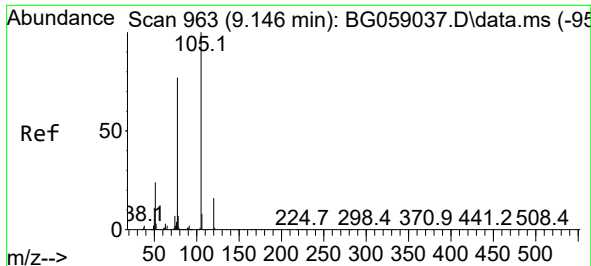
Tgt Ion:108 Resp: 282803
Ion Ratio Lower Upper
108 100
107 84.6 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.155 ng/ul
RT: 8.811 min Scan# 906
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion: 45 Resp: 172531
Ion Ratio Lower Upper
45 100
77 16.1 13.2 19.8
79 12.0 9.8 14.6

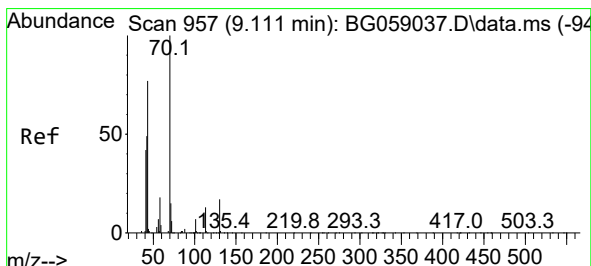
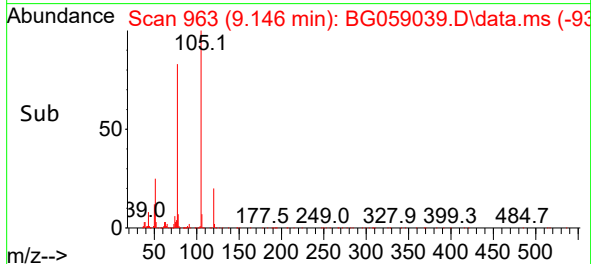
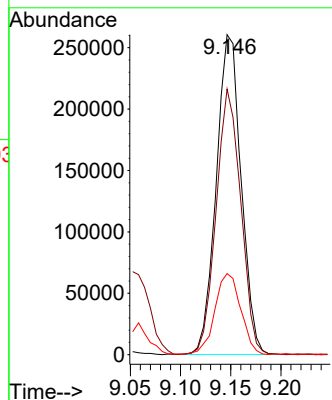
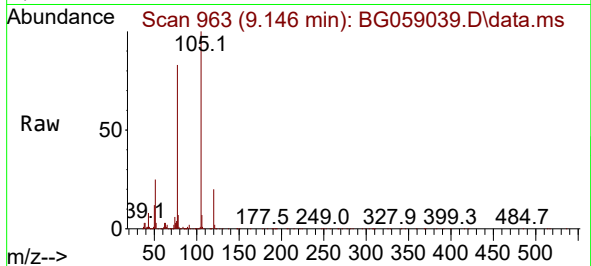




#16
Acetophenone
Concen: 38.217 ng/ul
RT: 9.146 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

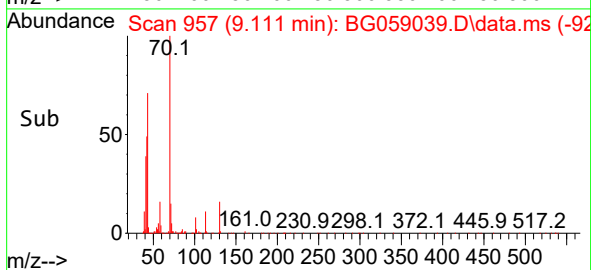
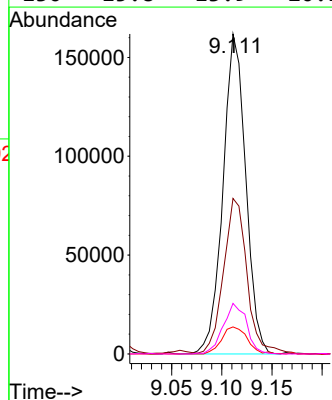
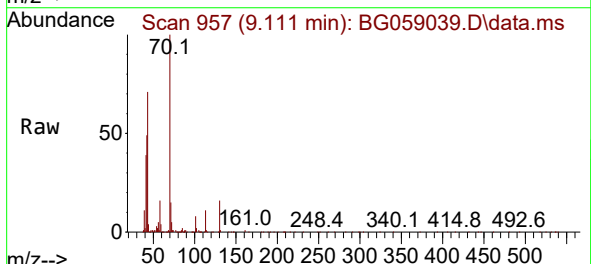
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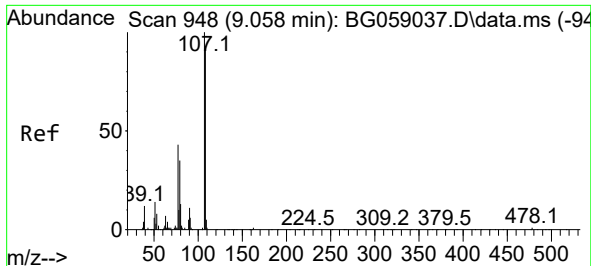
Tgt Ion:105 Resp: 448998
Ion Ratio Lower Upper
105 100
77 83.0 67.3 100.9
51 25.3 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 38.771 ng/ul
RT: 9.111 min Scan# 957
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion: 70 Resp: 255339
Ion Ratio Lower Upper
70 100
42 48.6 37.5 56.3
101 8.4 5.0 7.6#
130 15.8 13.9 20.9

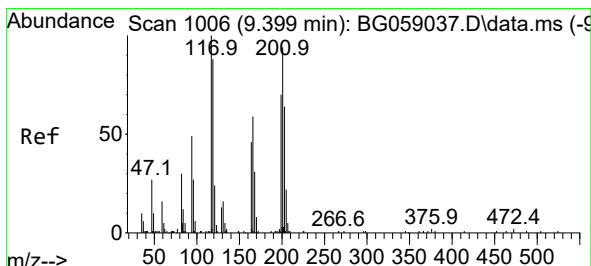
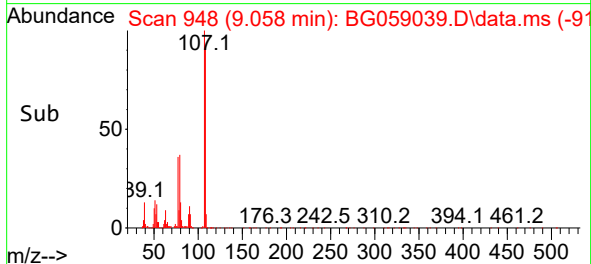
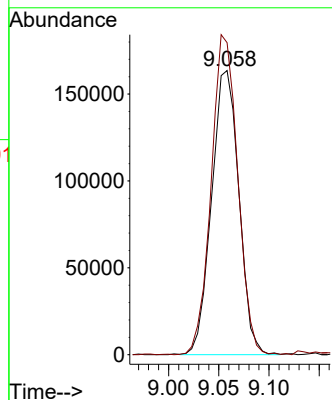
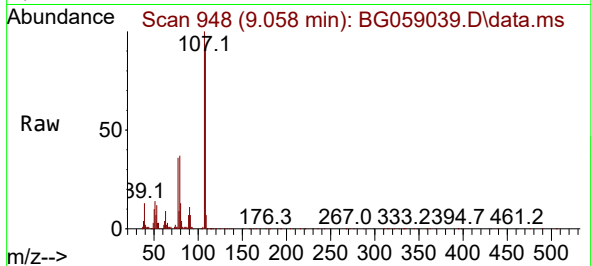




#18
4-Methylphenol
Concen: 38.519 ng/ul
RT: 9.058 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

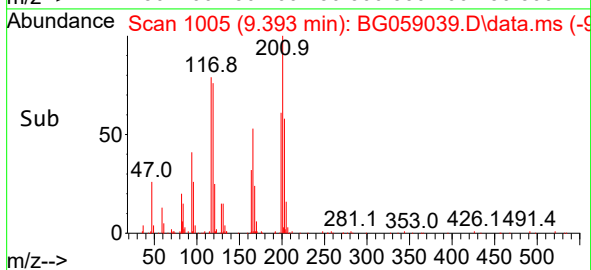
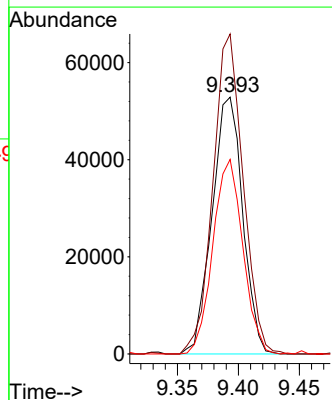
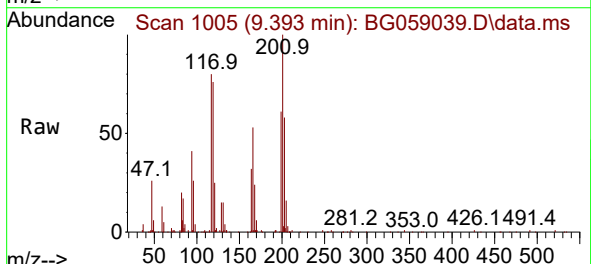
Instrument :
BNA_G
ClientSampleId :
SLCS387

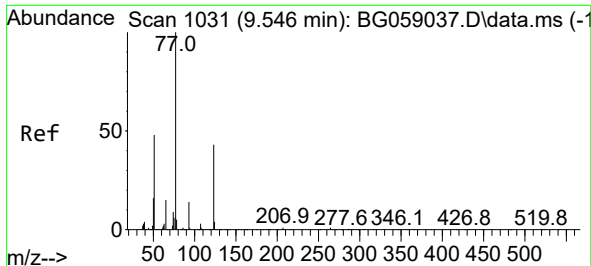
Tgt Ion:108 Resp: 308954
Ion Ratio Lower Upper
108 100
107 109.8 88.9 133.3



#19
Hexachloroethane
Concen: 36.381 ng/ul
RT: 9.393 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:117 Resp: 92715
Ion Ratio Lower Upper
117 100
201 124.6 108.2 162.4
199 75.7 56.0 84.0

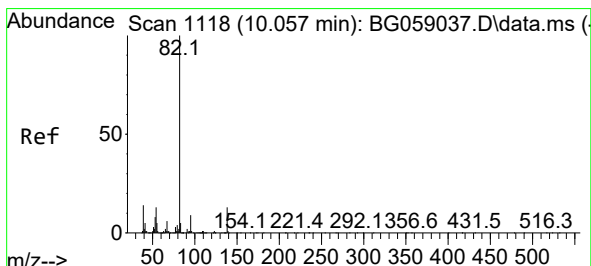
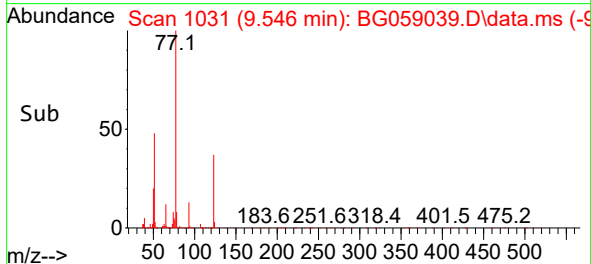
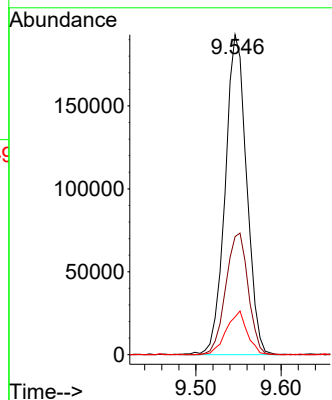
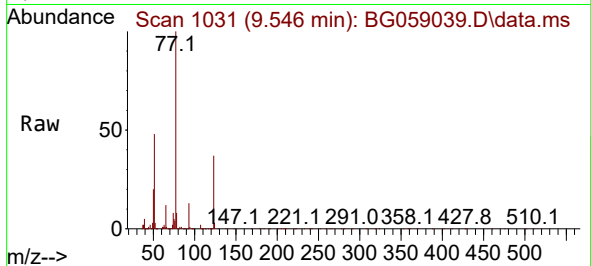




#22
Nitrobenzene
Concen: 34.282 ng/ul
RT: 9.546 min Scan# 1031
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

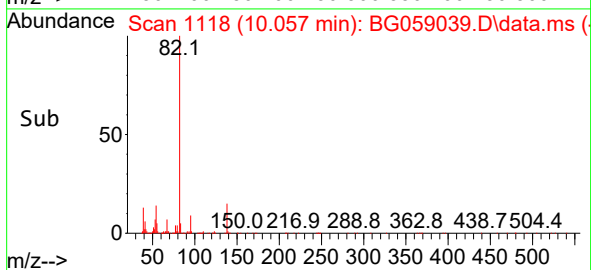
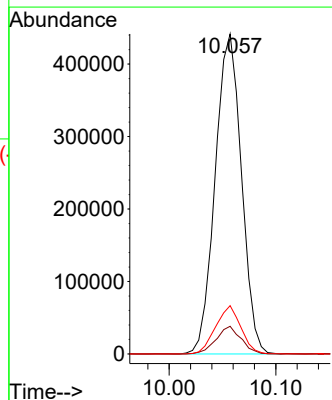
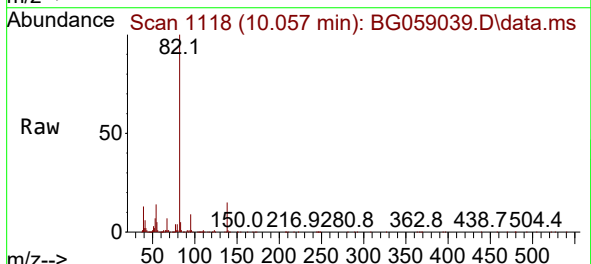
Instrument :
BNA_G
ClientSampleId :
SLCS387

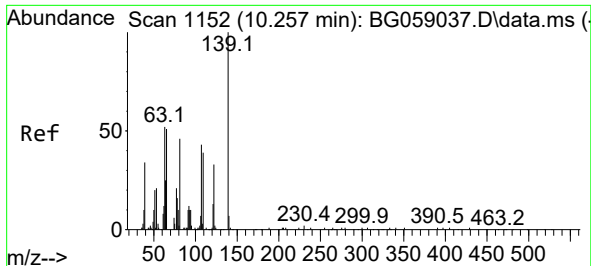
Tgt Ion: 77 Resp: 337174
Ion Ratio Lower Upper
77 100
123 36.9 28.5 42.7
65 11.8 11.5 17.3



#23
Isophorone
Concen: 36.140 ng/ul
RT: 10.057 min Scan# 1118
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion: 82 Resp: 755030
Ion Ratio Lower Upper
82 100
95 8.7 6.6 9.8
138 15.1 10.4 15.6

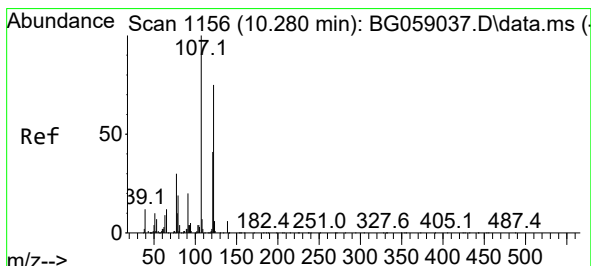
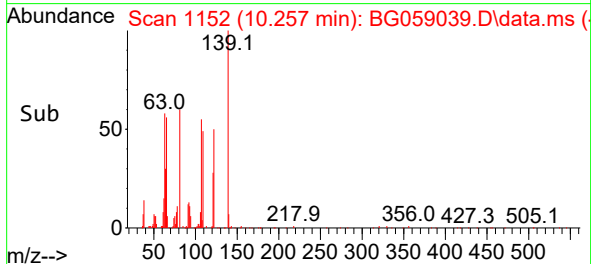
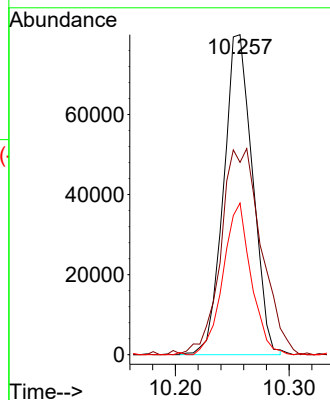
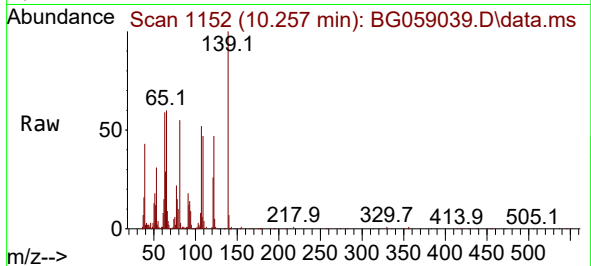




#25
2-Nitrophenol
Concen: 38.476 ng/ul
RT: 10.257 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

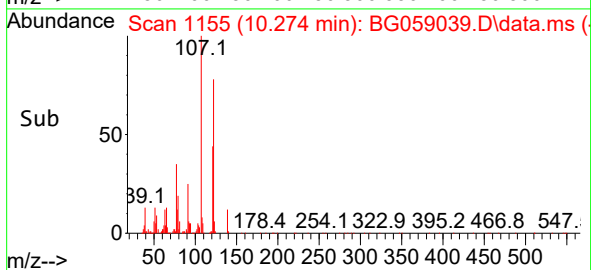
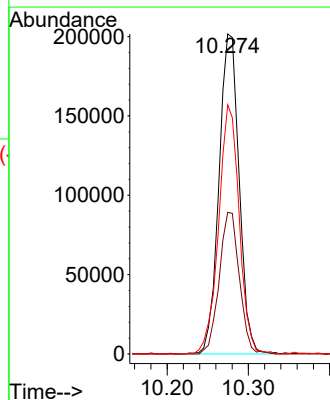
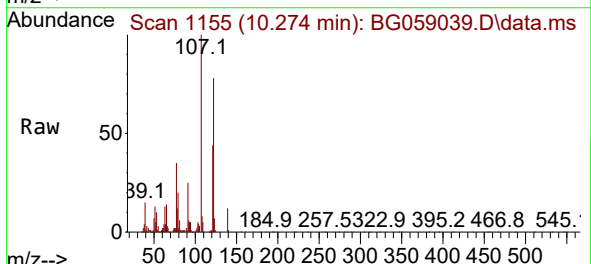
Instrument :
BNA_G
ClientSampleId :
SLCS387

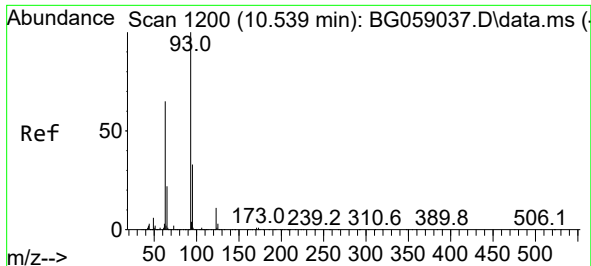
Tgt Ion:139 Resp: 141427
Ion Ratio Lower Upper
139 100
65 60.1 53.5 80.3
109 47.4 32.0 48.0



#26
2,4-Dimethylphenol
Concen: 38.164 ng/ul
RT: 10.274 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:107 Resp: 347653
Ion Ratio Lower Upper
107 100
121 44.2 36.4 54.6
122 77.8 69.4 104.0

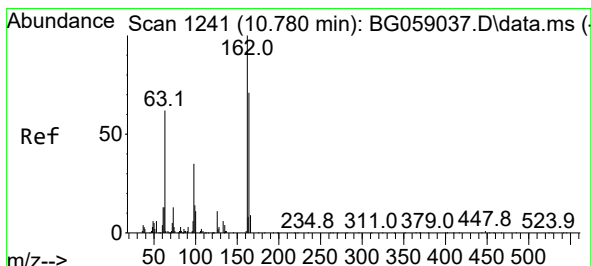
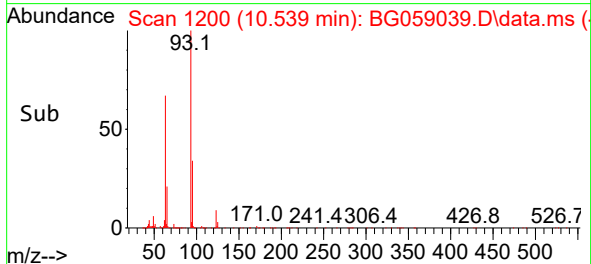
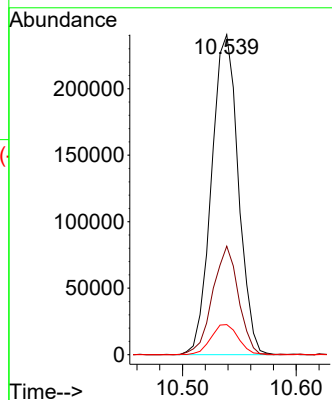
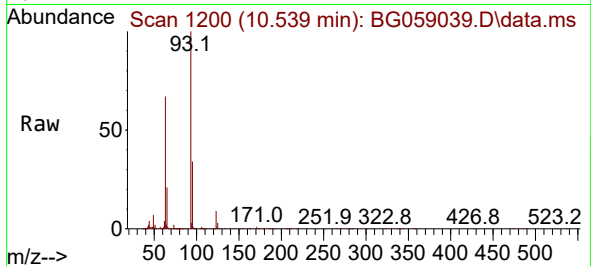




#27
 Bis(2-Chloroethoxy)methane
 Concen: 35.259 ng/ul
 RT: 10.539 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BG059039.D
 Acq: 13 Sep 2023 13:54

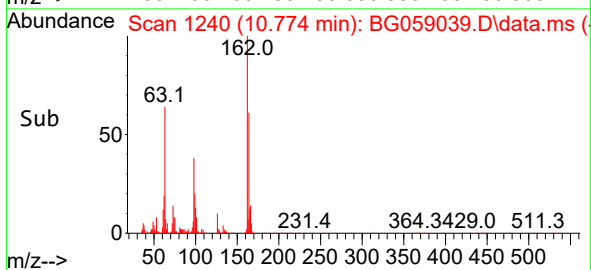
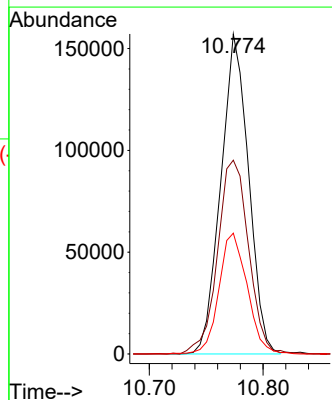
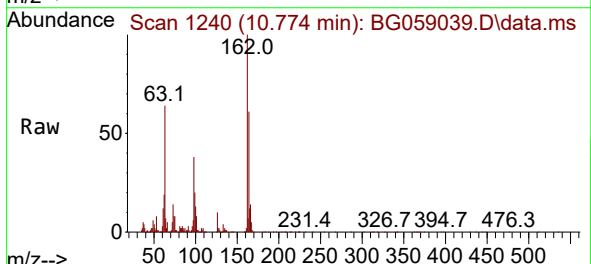
Instrument :
 BNA_G
 ClientSampleId :
 SLCS387

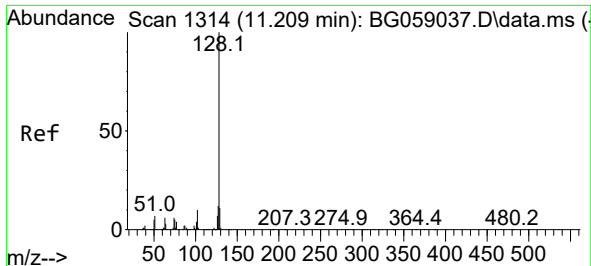
Tgt Ion: 93 Resp: 394804
 Ion Ratio Lower Upper
 93 100
 95 33.9 27.8 41.6
 123 9.4 7.3 10.9



#29
 2,4-Dichlorophenol
 Concen: 36.717 ng/ul
 RT: 10.774 min Scan# 1240
 Delta R.T. -0.005 min
 Lab File: BG059039.D
 Acq: 13 Sep 2023 13:54

Tgt Ion:162 Resp: 266483
 Ion Ratio Lower Upper
 162 100
 164 60.5 51.4 77.0
 98 37.8 27.2 40.8

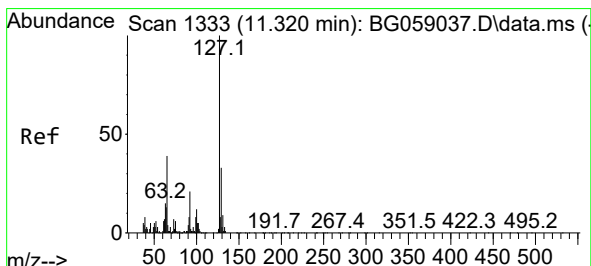
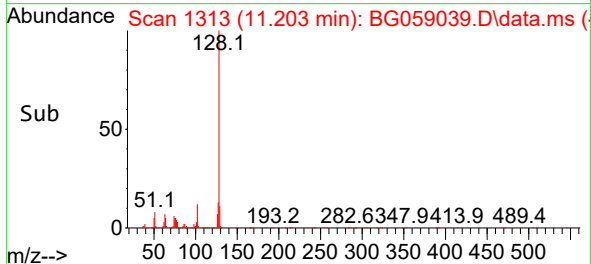
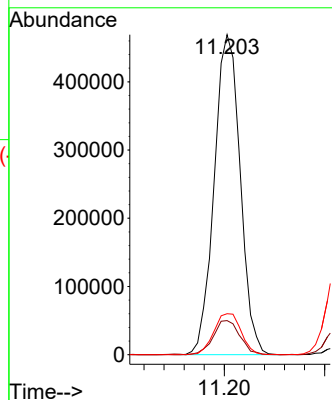
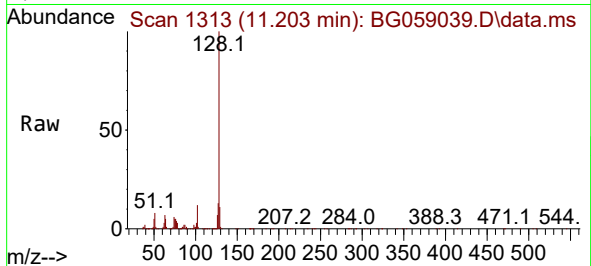




#30
Naphthalene
Concen: 35.318 ng/ul
RT: 11.203 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

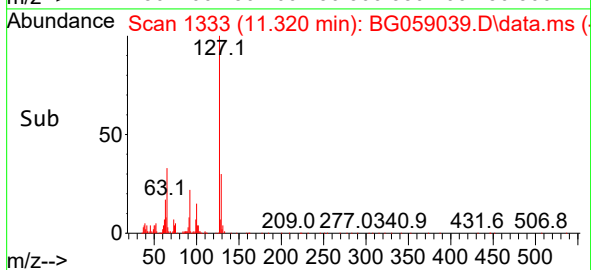
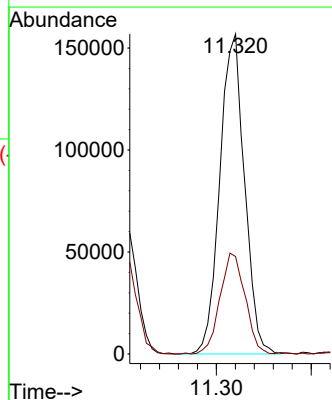
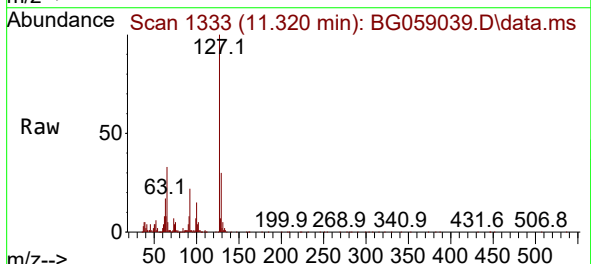
Instrument :
BNA_G
ClientSampleId :
SLCS387

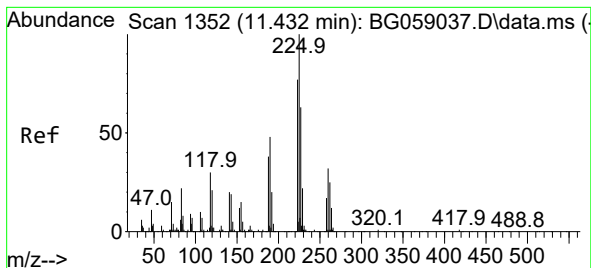
Tgt Ion:128 Resp: 843202
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.2
127 12.8 10.9 16.3



#32
4-Chloroaniline
Concen: 28.669 ng/ul
RT: 11.320 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:127 Resp: 283581
Ion Ratio Lower Upper
127 100
129 30.5 26.6 39.8





#33

Hexachlorobutadiene

Concen: 34.023 ng/ul

RT: 11.432 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Instrument :

BNA_G

ClientSampleId :

SLCS387

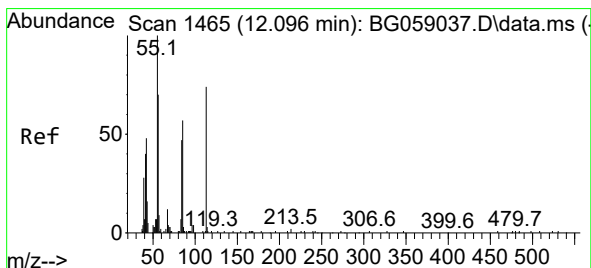
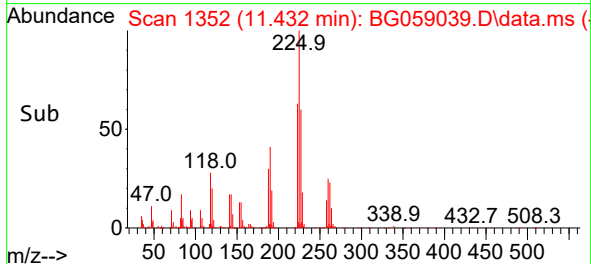
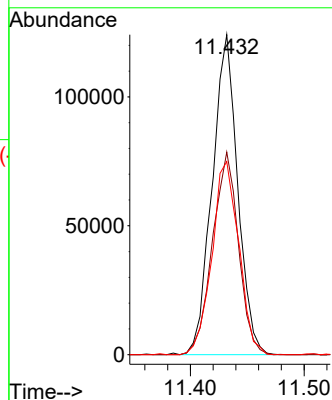
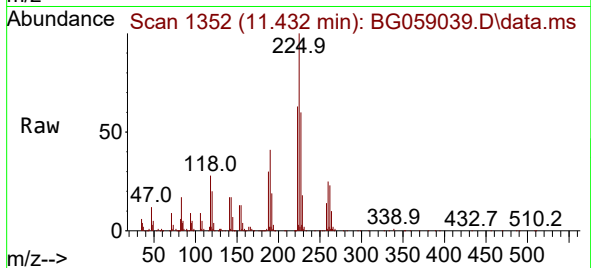
Tgt Ion:225 Resp: 193208

Ion Ratio Lower Upper

225 100

223 63.3 45.5 68.3

227 60.4 50.2 75.4



#34

Caprolactam

Concen: 36.840 ng/ul

RT: 12.102 min Scan# 1466

Delta R.T. 0.007 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

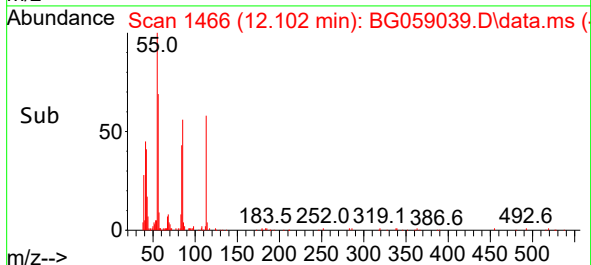
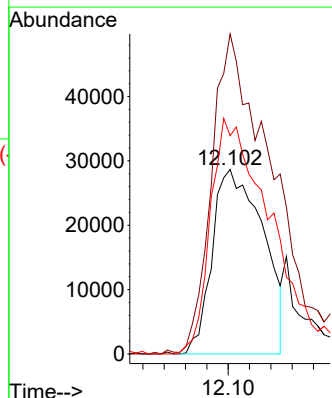
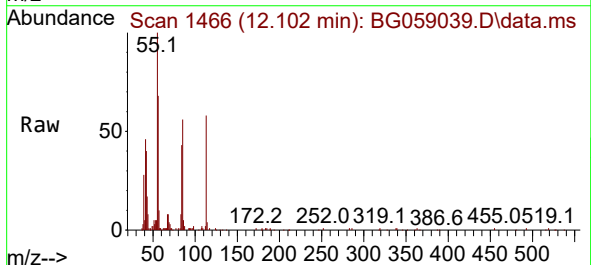
Tgt Ion:113 Resp: 94892

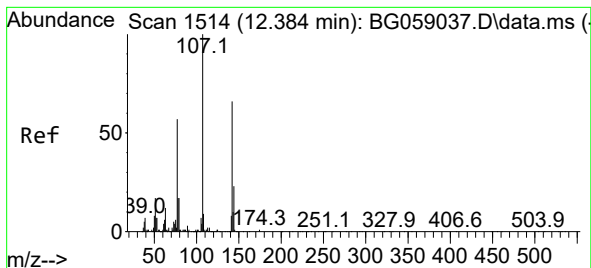
Ion Ratio Lower Upper

113 100

55 173.5 140.5 210.7

56 118.3 90.4 135.6

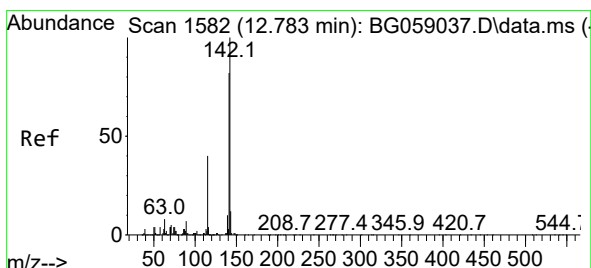
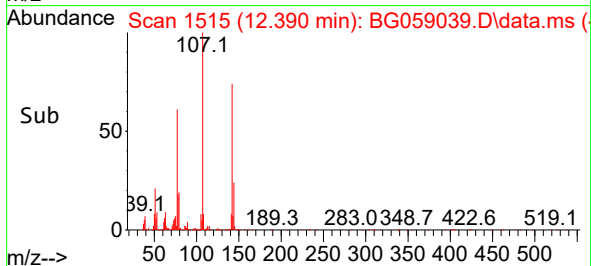
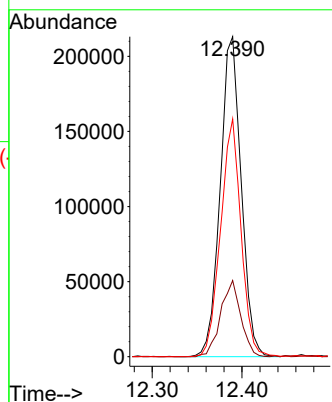
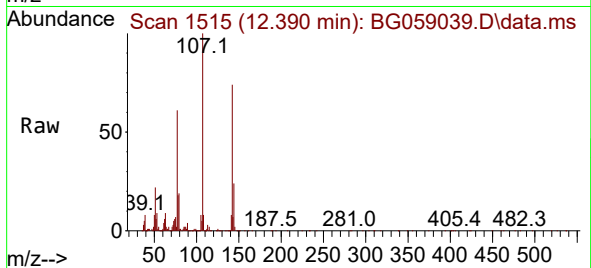




#35
4-Chloro-3-methylphenol
Concen: 38.745 ng/ul
RT: 12.390 min Scan# 1514
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

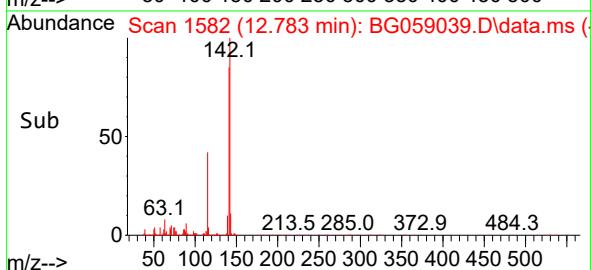
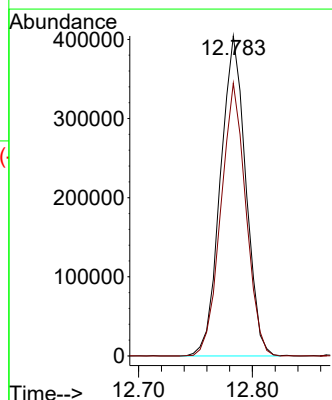
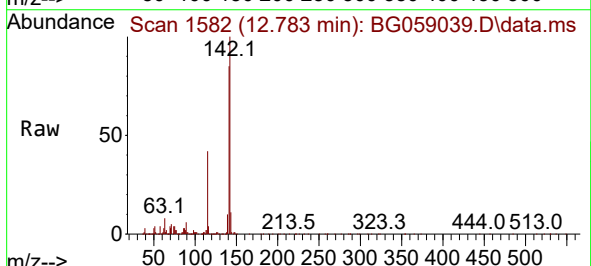
Instrument :
BNA_G
ClientSampleId :
SLCS387

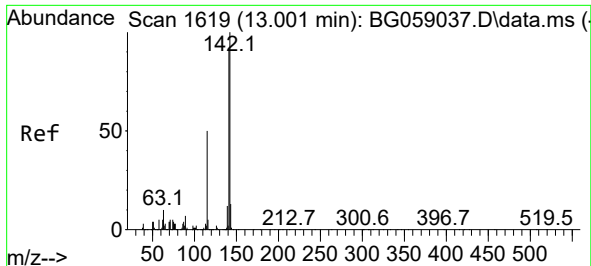
Tgt Ion:107 Resp: 345501
Ion Ratio Lower Upper
107 100
144 23.8 20.2 30.2
142 74.3 51.6 77.4



#36
2-Methylnaphthalene
Concen: 35.094 ng/ul
RT: 12.783 min Scan# 1582
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:142 Resp: 625191
Ion Ratio Lower Upper
142 100
141 85.2 65.7 98.5

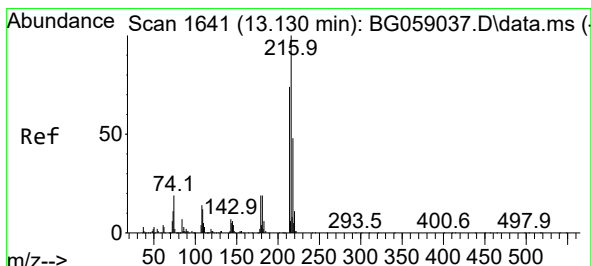
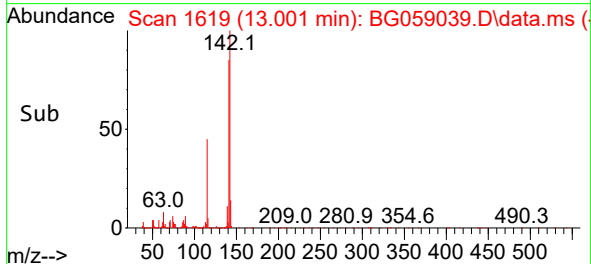
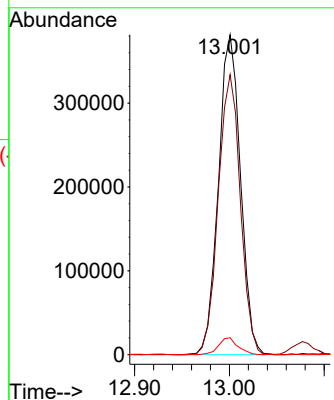
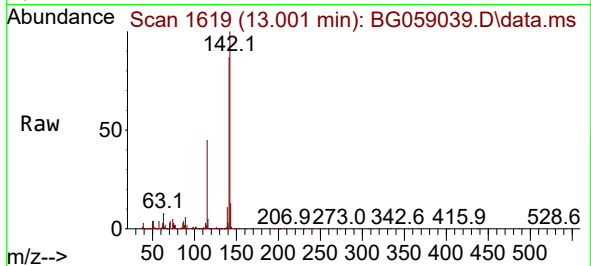




#37
1-Methylnaphthalene
Concen: 35.099 ng/ul
RT: 13.001 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

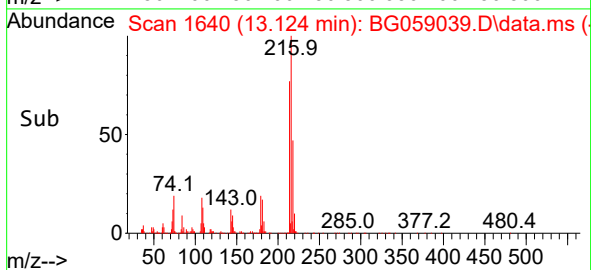
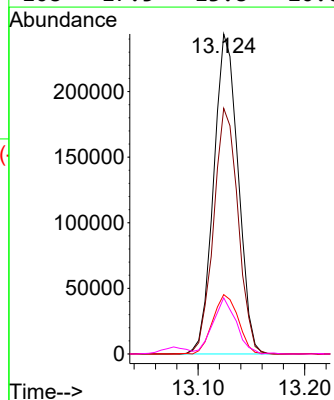
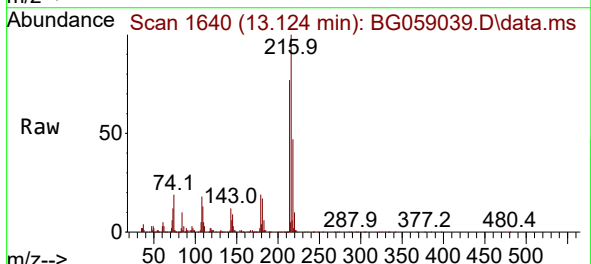
Instrument :
BNA_G
ClientSampleId :
SLCS387

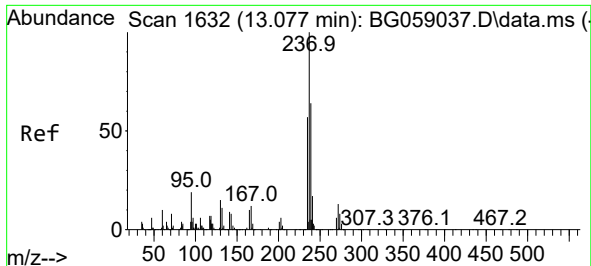
Tgt Ion:142 Resp: 616759
Ion Ratio Lower Upper
142 100
141 87.5 73.1 109.7
116 5.3 3.4 5.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.958 ng/ul
RT: 13.124 min Scan# 1640
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:216 Resp: 387960
Ion Ratio Lower Upper
216 100
214 76.8 59.6 89.4
179 18.6 13.6 20.4
108 17.5 13.8 20.6

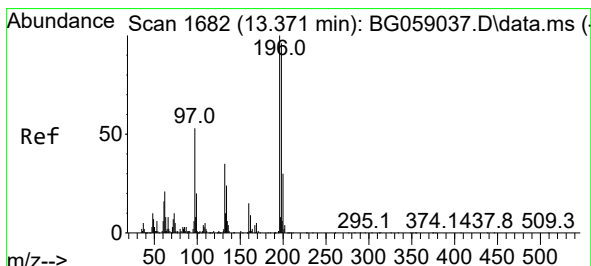
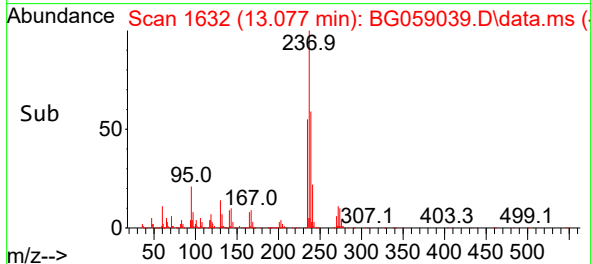
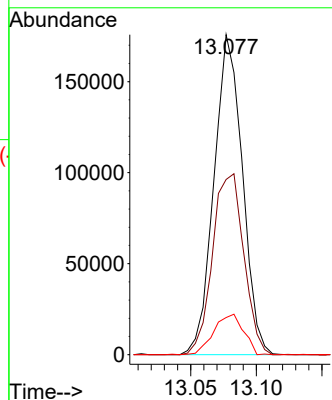
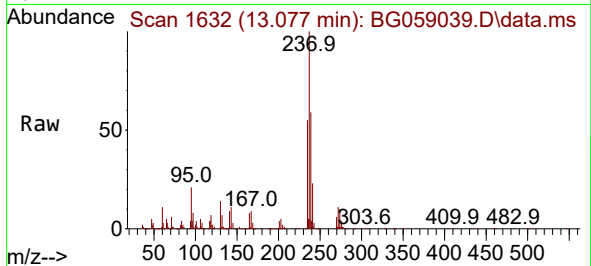




#40
Hexachlorocyclopentadiene
Concen: 31.484 ng/ul
RT: 13.077 min Scan# 1632
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

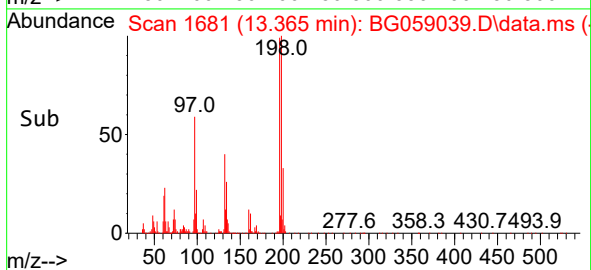
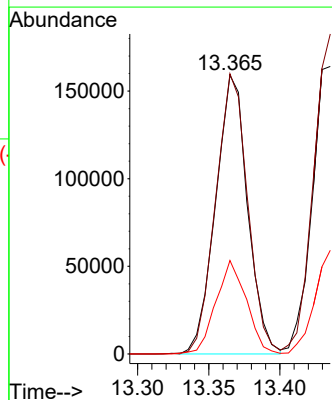
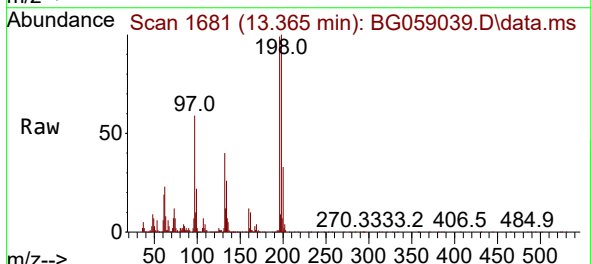
Instrument :
BNA_G
ClientSampleId :
SLCS387

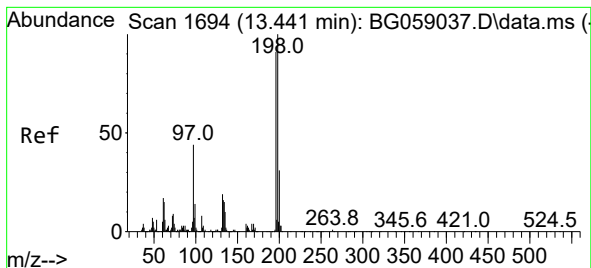
Tgt Ion:237 Resp: 264672
Ion Ratio Lower Upper
237 100
235 54.7 52.6 78.8
272 11.6 8.6 13.0



#41
2,4,6-Trichlorophenol
Concen: 34.400 ng/ul
RT: 13.365 min Scan# 1681
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:196 Resp: 249503
Ion Ratio Lower Upper
196 100
198 100.5 78.3 117.5
200 33.5 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 35.348 ng/ul

RT: 13.435 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Instrument :

BNA_G

ClientSampleId :

SLCS387

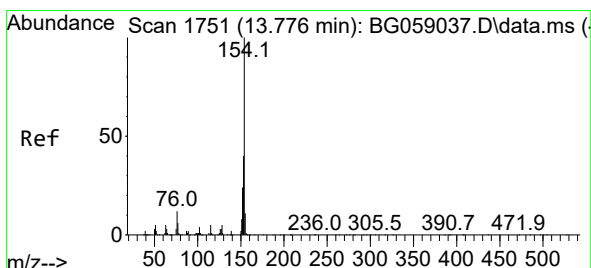
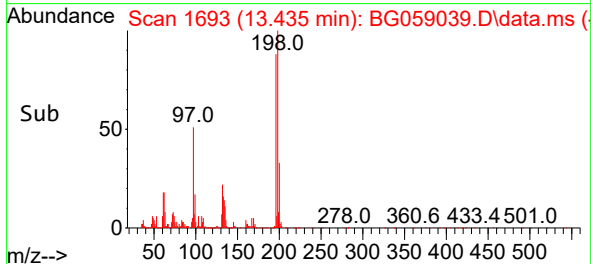
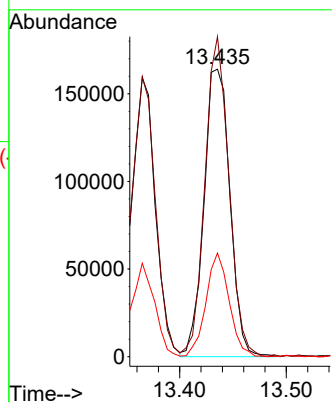
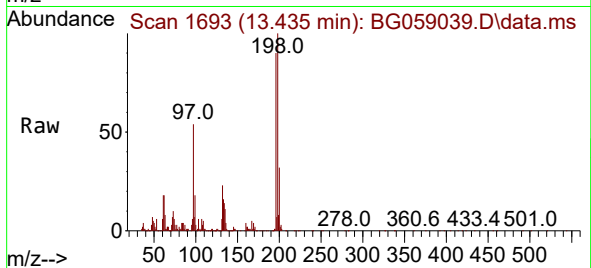
Tgt Ion:196 Resp: 277561

Ion Ratio Lower Upper

196 100

198 111.3 84.8 127.2

200 36.1 27.7 41.5



#43

1,1'-Biphenyl

Concen: 35.404 ng/ul

RT: 13.770 min Scan# 1750

Delta R.T. -0.005 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

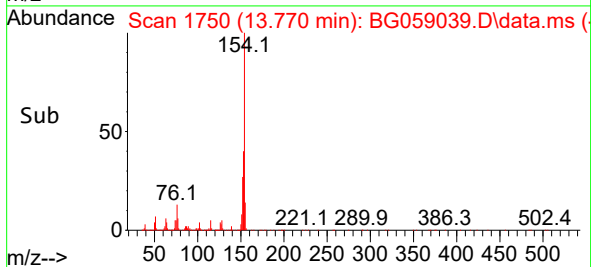
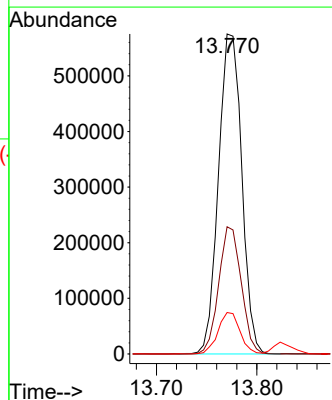
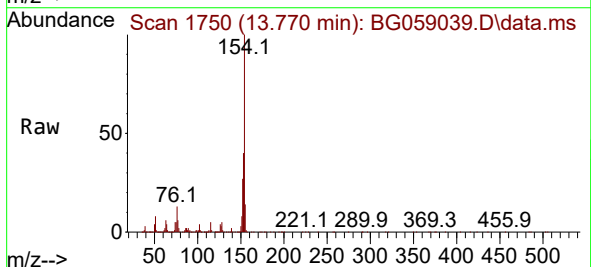
Tgt Ion:154 Resp: 926279

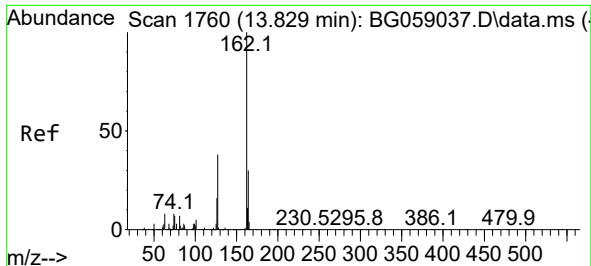
Ion Ratio Lower Upper

154 100

153 39.7 31.6 47.4

76 12.9 9.0 13.4

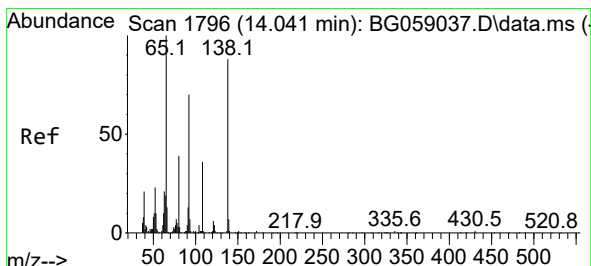
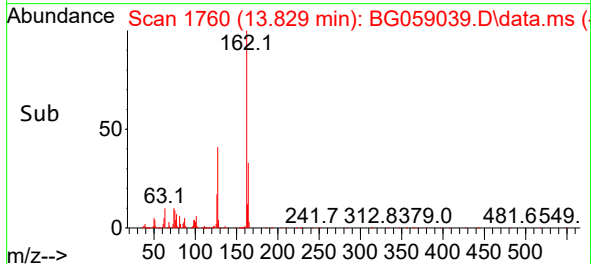
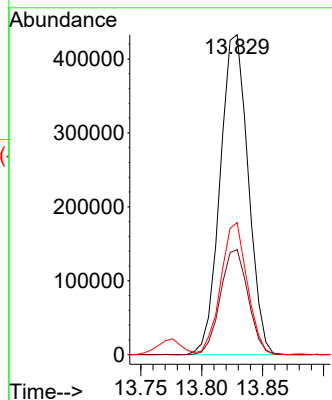
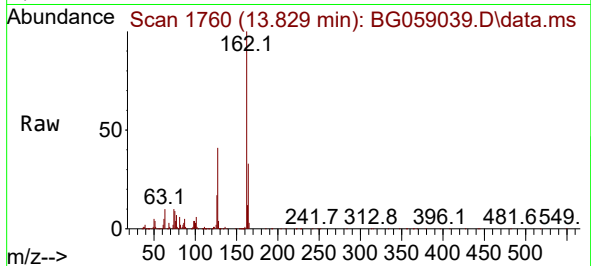




#44
2-Chloronaphthalene
Concen: 34.724 ng/ul
RT: 13.829 min Scan# 1760
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

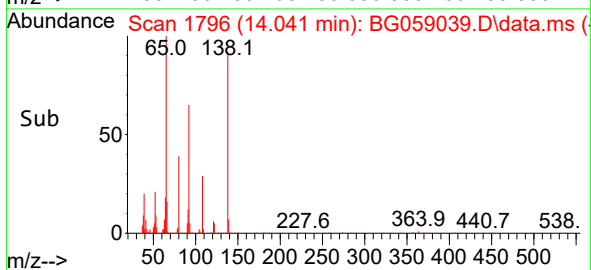
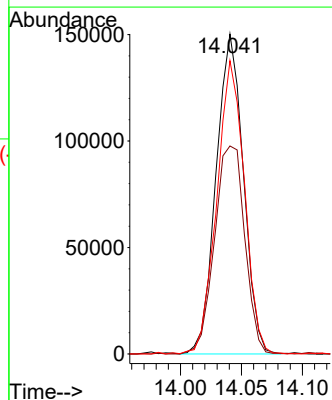
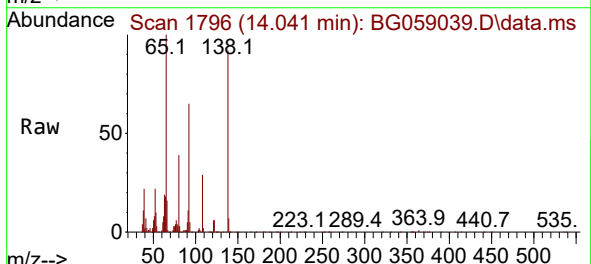
Instrument :
BNA_G
ClientSampleId :
SLCS387

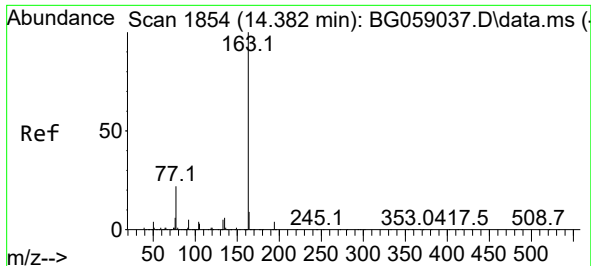
Tgt Ion:162 Resp: 693864
Ion Ratio Lower Upper
162 100
164 32.8 27.6 41.4
127 41.3 29.4 44.0



#45
2-Nitroaniline
Concen: 38.089 ng/ul
RT: 14.041 min Scan# 1796
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion: 65 Resp: 233418
Ion Ratio Lower Upper
65 100
92 65.0 54.0 81.0
138 91.7 64.8 97.2

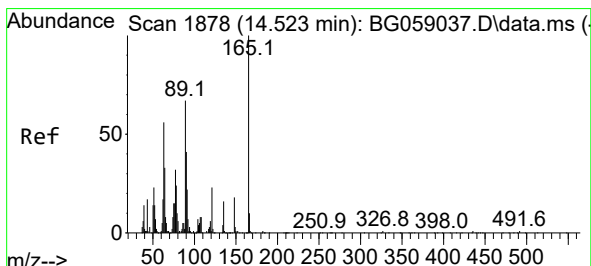
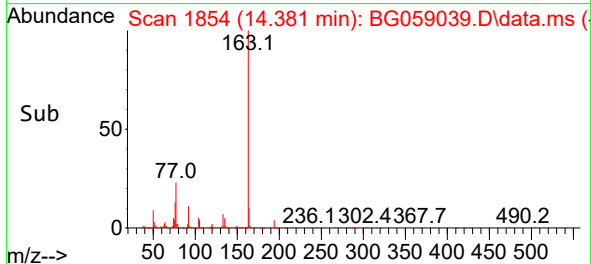
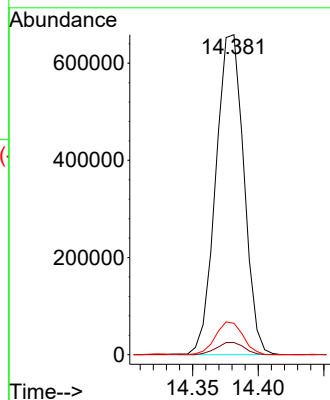
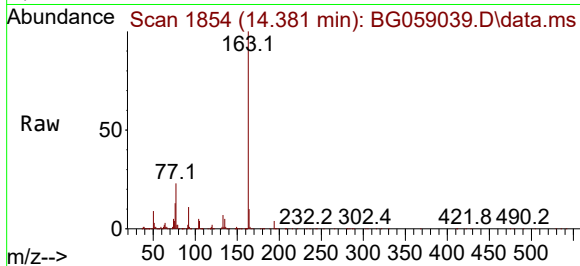




#47
Dimethylphthalate
Concen: 38.080 ng/ul
RT: 14.381 min Scan# 1854
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

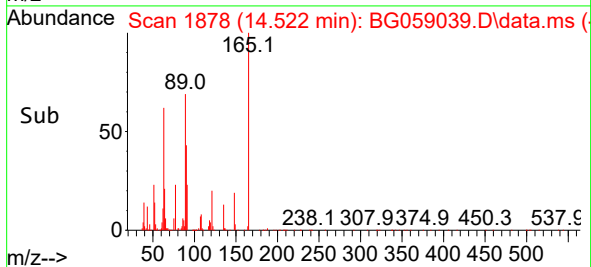
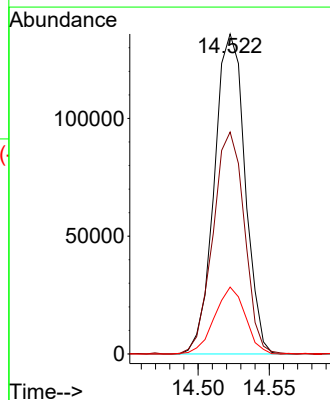
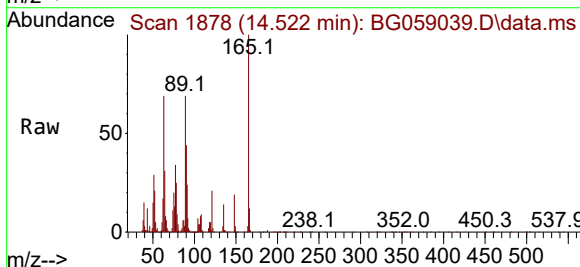
Instrument :
BNA_G
ClientSampleId :
SLCS387

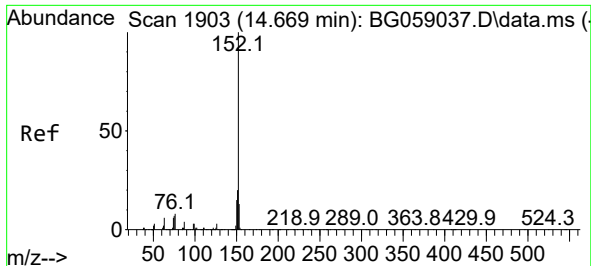
Tgt Ion:163 Resp: 977512
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.8 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 41.785 ng/ul
RT: 14.522 min Scan# 1878
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:165 Resp: 204038
Ion Ratio Lower Upper
165 100
89 69.3 55.8 83.6
121 20.9 16.3 24.5

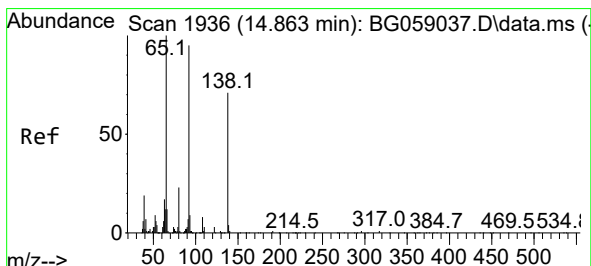
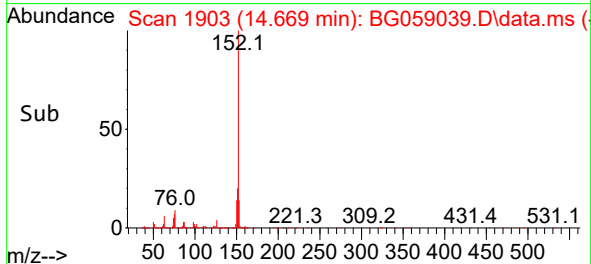
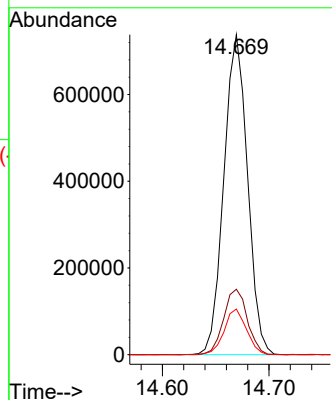
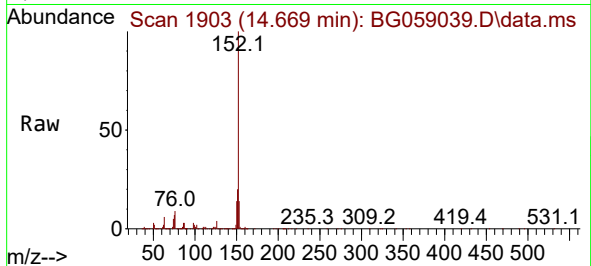




#50
Acenaphthylene
Concen: 34.409 ng/ul
RT: 14.669 min Scan# 1903
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

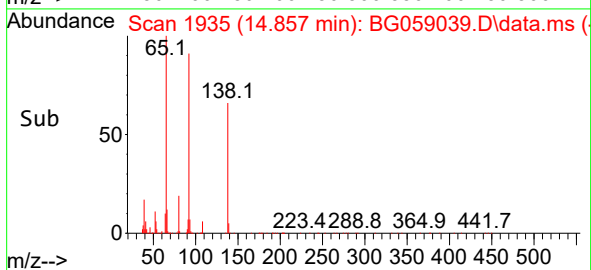
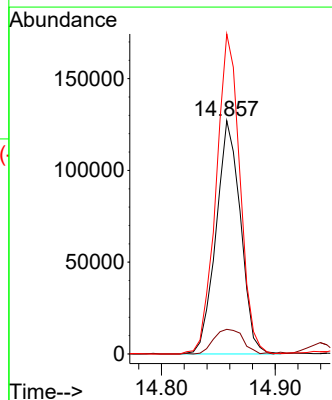
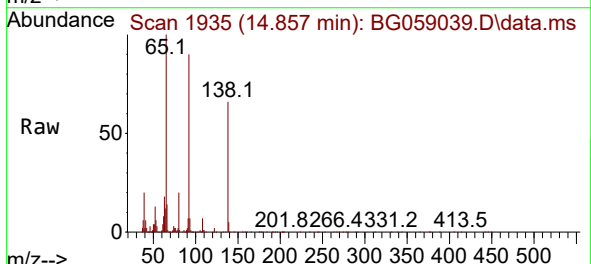
Instrument :
BNA_G
ClientSampleId :
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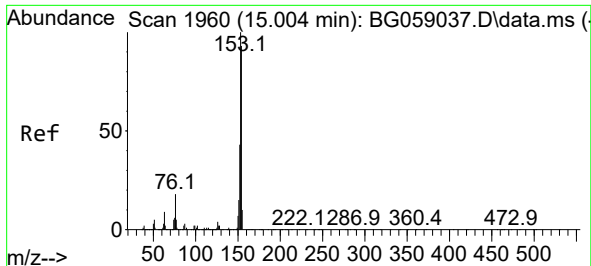
Tgt Ion:152 Resp: 1134121
Ion Ratio Lower Upper
152 100
151 20.5 14.6 21.8
153 14.3 10.4 15.6



#51
3-Nitroaniline
Concen: 40.598 ng/ul
RT: 14.857 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:138 Resp: 190242
Ion Ratio Lower Upper
138 100
108 10.6 11.8 17.6#
92 137.2 122.2 183.2

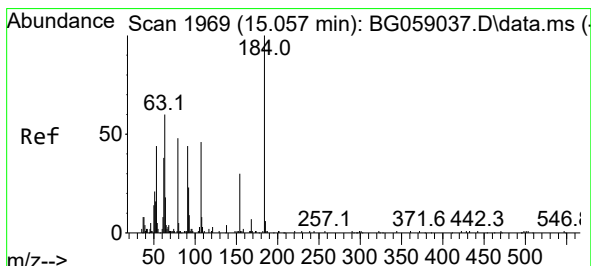
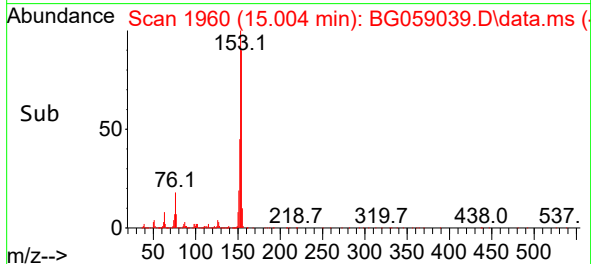
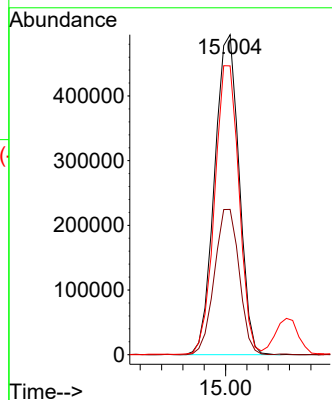
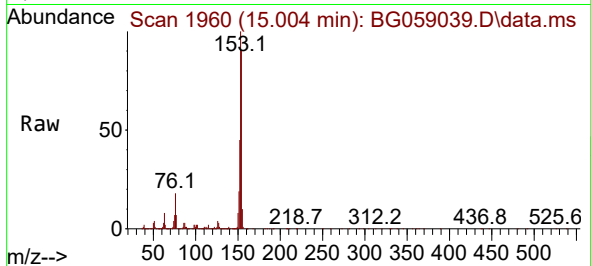




#52
Acenaphthene
Concen: 35.686 ng/ul
RT: 15.004 min Scan# 1960
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

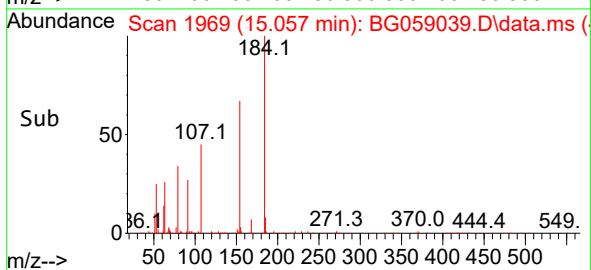
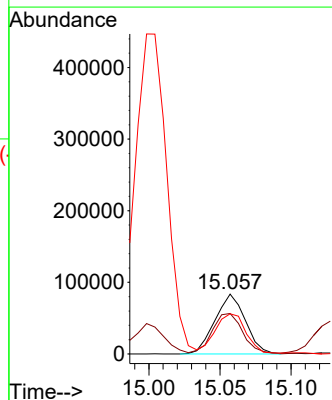
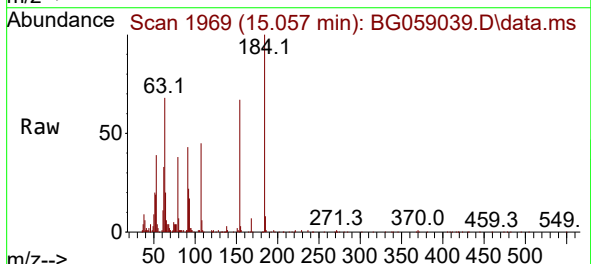
Instrument :
BNA_G
ClientSampleId :
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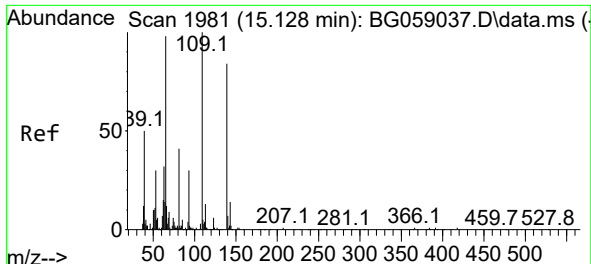
Tgt Ion:153 Resp: 789317
Ion Ratio Lower Upper
153 100
152 45.4 36.5 54.7
154 90.3 74.1 111.1



#53
2,4-Dinitrophenol
Concen: 39.567 ng/ul
RT: 15.057 min Scan# 1969
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:184 Resp: 124532
Ion Ratio Lower Upper
184 100
63 67.7 57.7 86.5
154 67.2 60.7 91.1

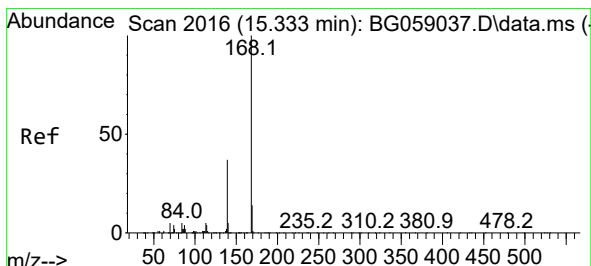
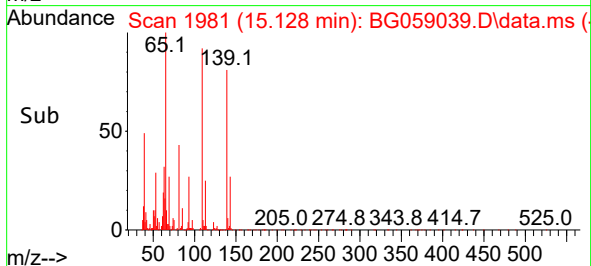
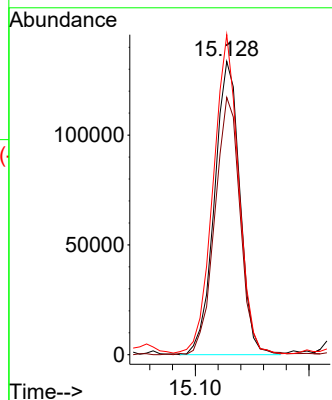
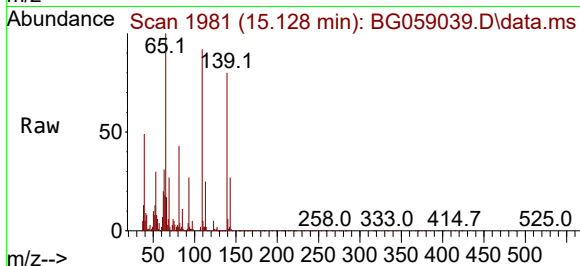




#55
4-Nitrophenol
Concen: 38.930 ng/ul
RT: 15.128 min Scan# 1981
Delta R.T. 0.007 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

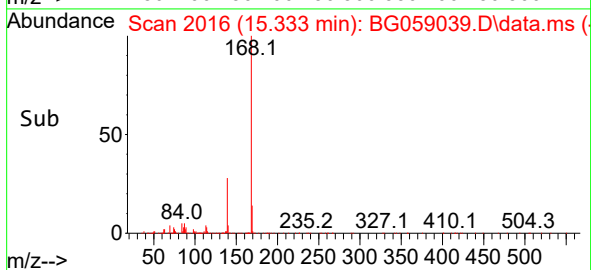
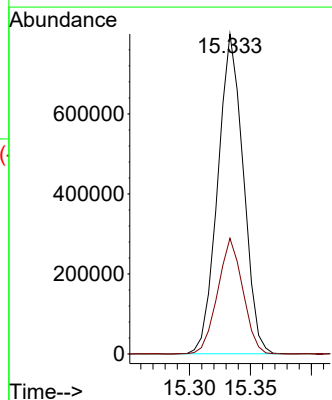
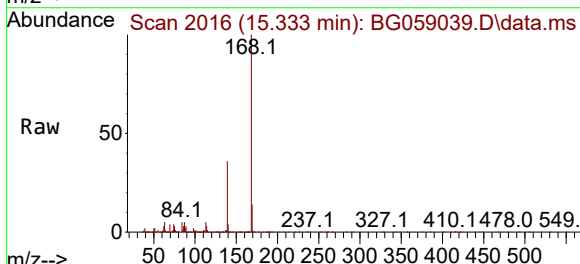
Instrument :
BNA_G
ClientSampleId :
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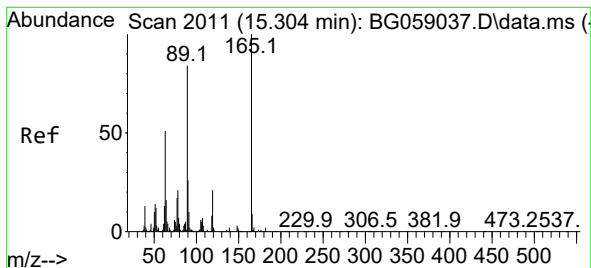
Tgt Ion:109 Resp: 207136
Ion Ratio Lower Upper
109 100
139 87.7 74.3 111.5
65 109.1 93.4 140.0



#56
Dibenzofuran
Concen: 36.338 ng/ul
RT: 15.333 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:168 Resp: 1164165
Ion Ratio Lower Upper
168 100
139 36.1 27.4 41.2

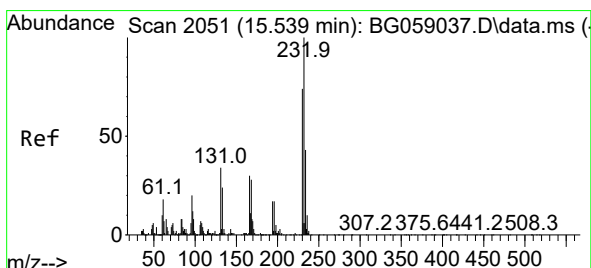
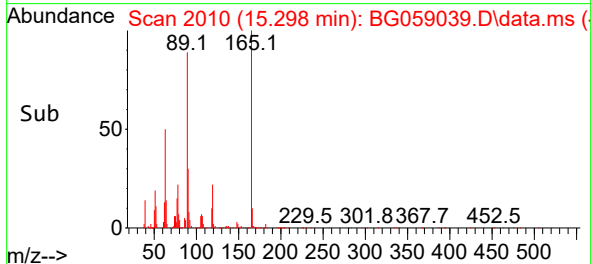
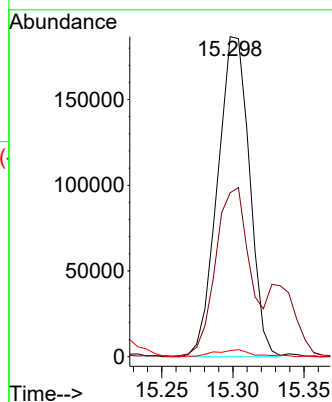
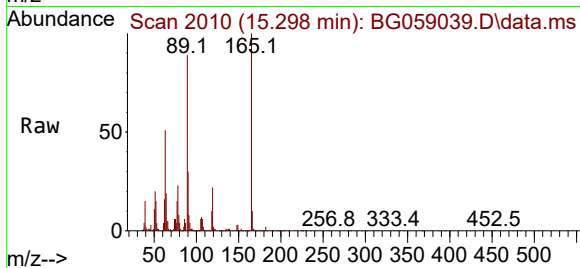




#57
2,4-Dinitrotoluene
Concen: 43.356 ng/ul
RT: 15.298 min Scan# 2010
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

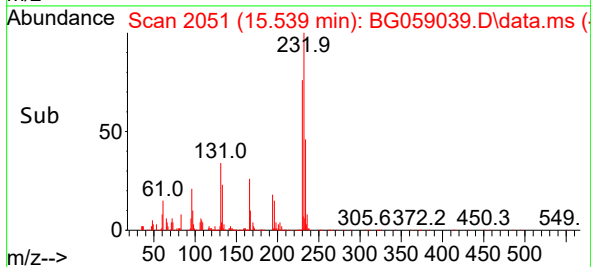
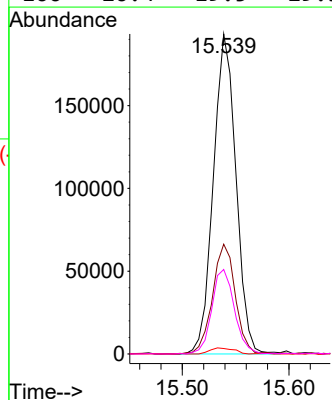
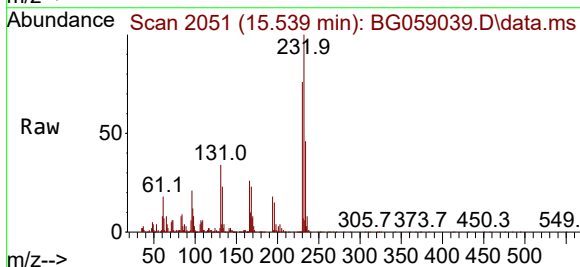
Instrument :
BNA_G
ClientSampleId :
SLCS387

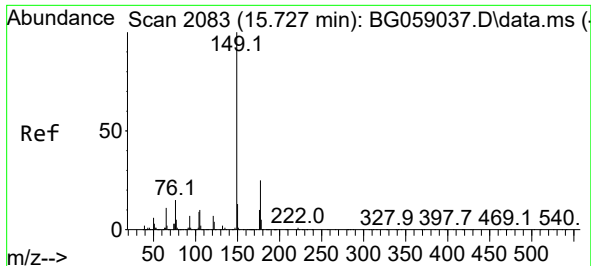
Tgt Ion:165 Resp: 292123
Ion Ratio Lower Upper
165 100
63 51.2 33.3 49.9#
182 1.9 1.4 2.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.996 ng/ul
RT: 15.539 min Scan# 2051
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:232 Resp: 284986
Ion Ratio Lower Upper
232 100
131 34.3 27.1 40.7
130 1.7 0.7 1.1#
166 26.4 19.5 29.3

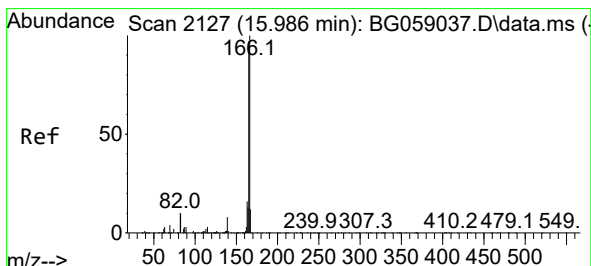
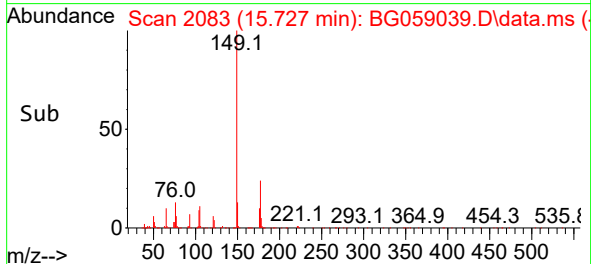
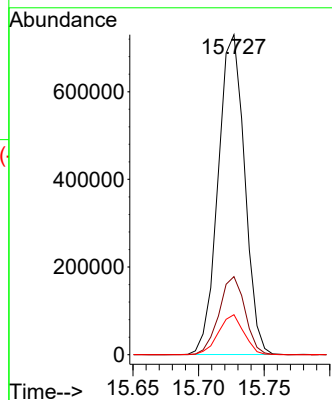
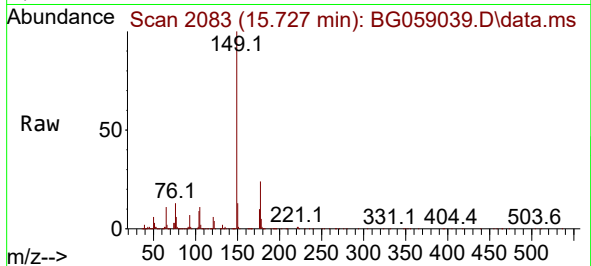




#59
Diethylphthalate
Concen: 40.397 ng/ul
RT: 15.727 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

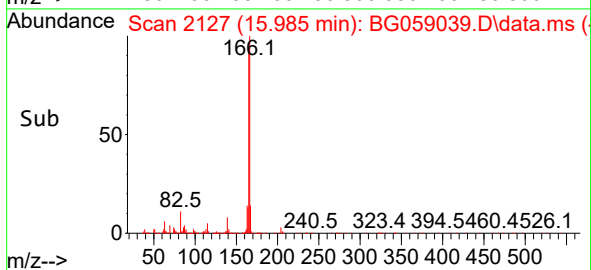
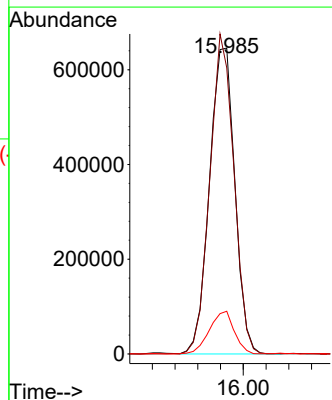
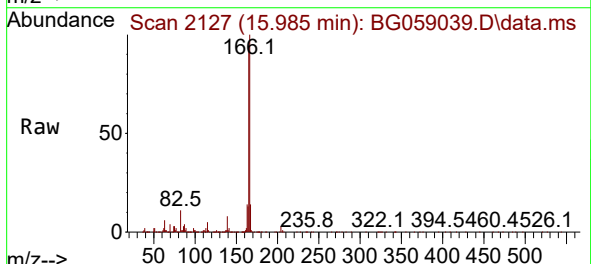
Instrument :
BNA_G
ClientSampleId :
SLCS387

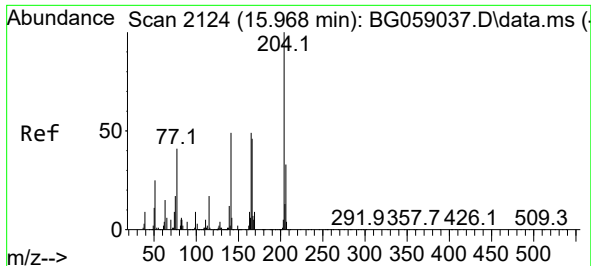
Tgt Ion:149 Resp: 1022342
Ion Ratio Lower Upper
149 100
177 24.4 16.9 25.3
150 12.5 9.7 14.5



#61
Fluorene
Concen: 38.096 ng/ul
RT: 15.985 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:166 Resp: 1003119
Ion Ratio Lower Upper
166 100
165 93.5 76.4 114.6
167 14.0 9.3 13.9#

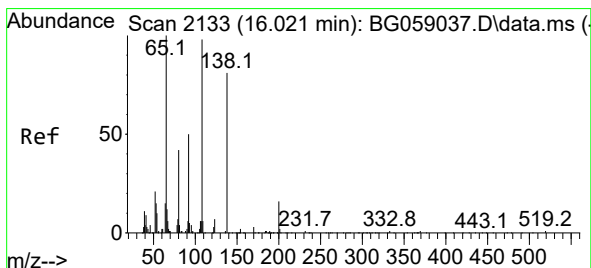
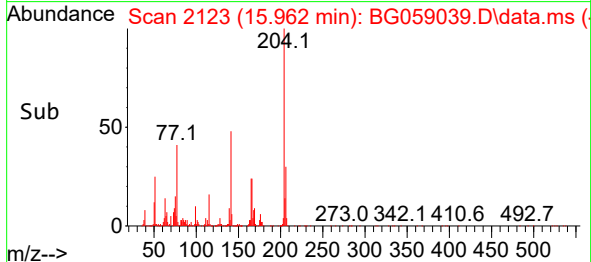
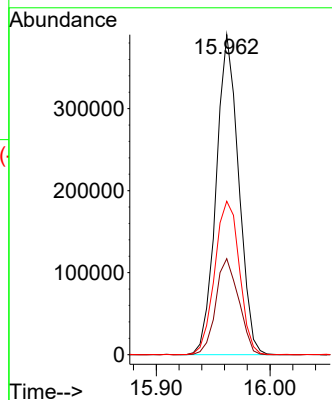
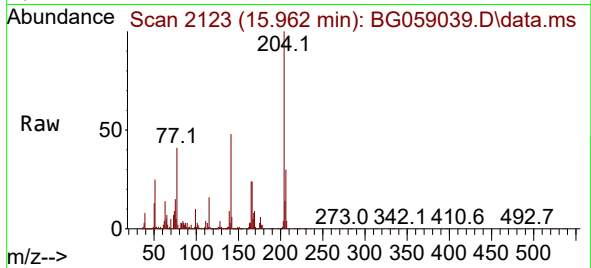




#62
4-Chlorophenyl-phenylether
Concen: 38.494 ng/ul
RT: 15.962 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

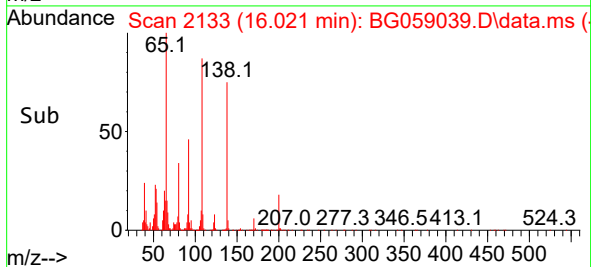
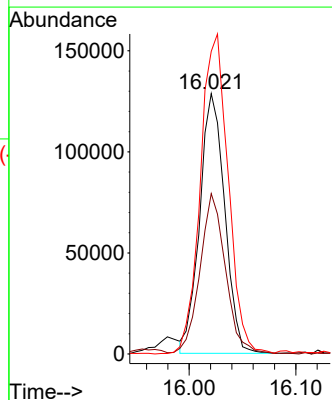
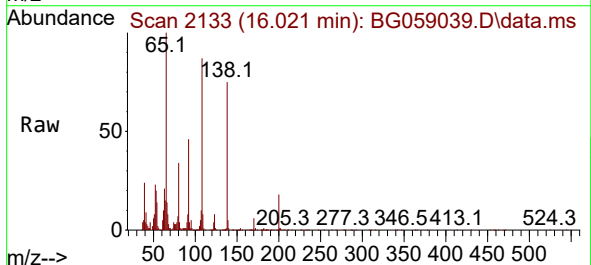
Instrument :
BNA_G
ClientSampleId :
SLCS387

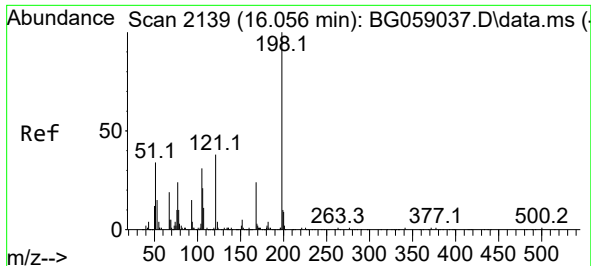
Tgt Ion:204 Resp: 536336
Ion Ratio Lower Upper
204 100
206 30.0 27.7 41.5
141 48.0 43.2 64.8



#63
4-Nitroaniline
Concen: 47.108 ng/ul
RT: 16.021 min Scan# 2133
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:138 Resp: 209209
Ion Ratio Lower Upper
138 100
92 61.6 49.9 74.9
108 116.2 121.4 182.2#

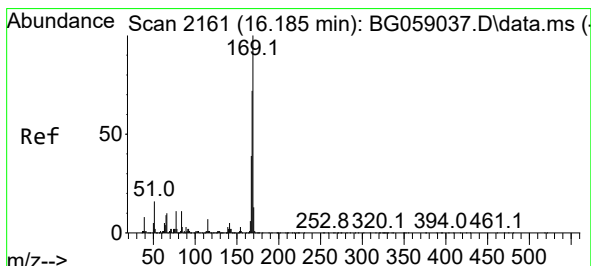
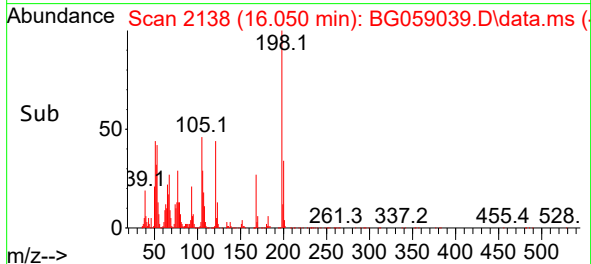
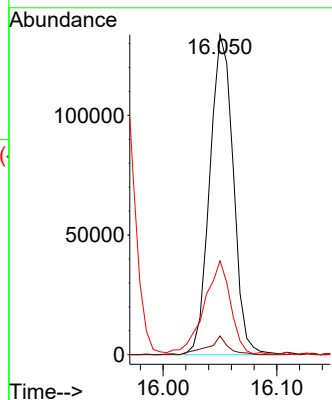
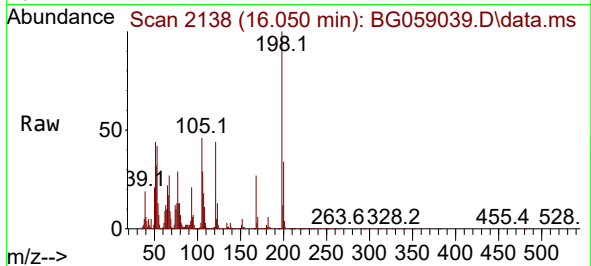




#66
4,6-Dinitro-2-methylphenol
Concen: 38.872 ng/ul
RT: 16.050 min Scan# 2139
Delta R.T. 0.007 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

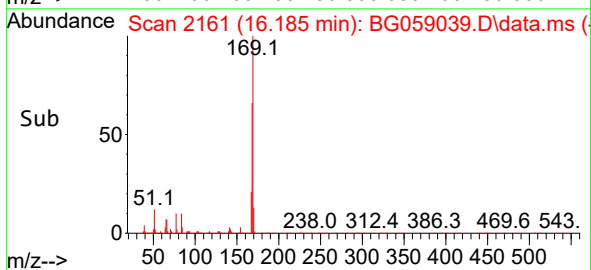
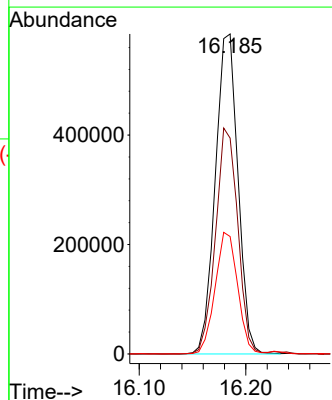
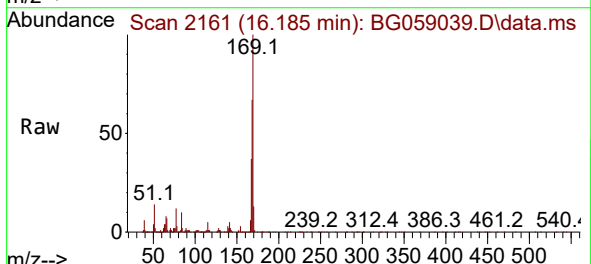
Instrument :
BNA_G
ClientSampleId :
SLCS387

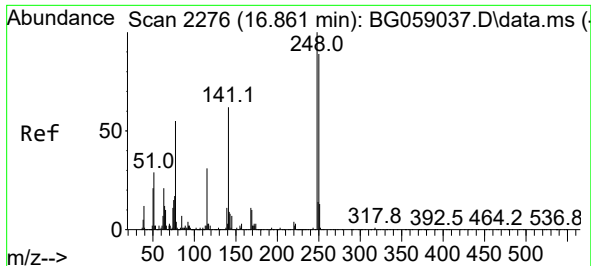
Tgt Ion:198 Resp: 191985
Ion Ratio Lower Upper
198 100
182 5.9 3.0 4.6#
77 29.3 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 35.490 ng/ul
RT: 16.185 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:169 Resp: 862382
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.7 29.8 44.6

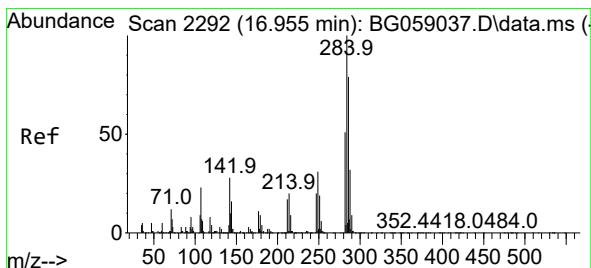
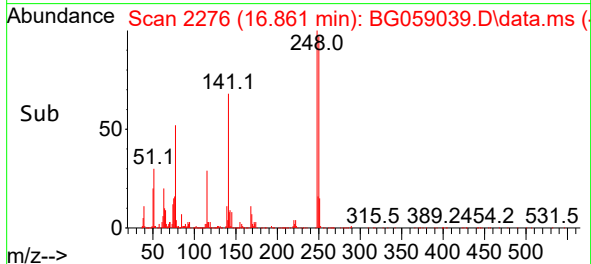
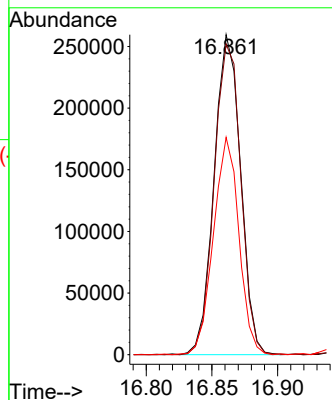
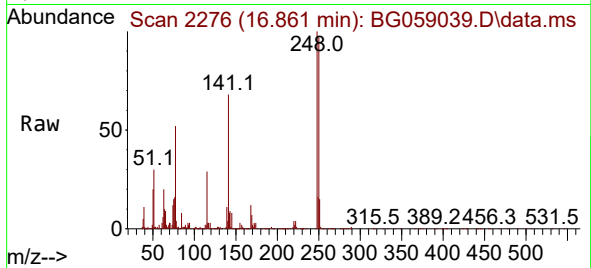




#68
4-Bromophenyl-phenylether
Concen: 36.041 ng/ul
RT: 16.861 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

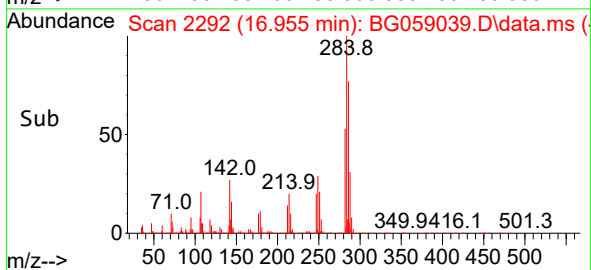
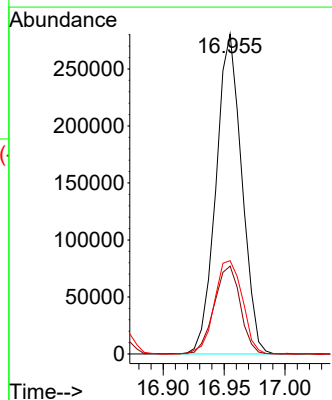
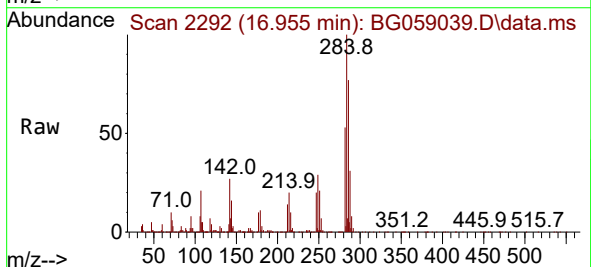
Instrument :
BNA_G
ClientSampleId :
SLCS387

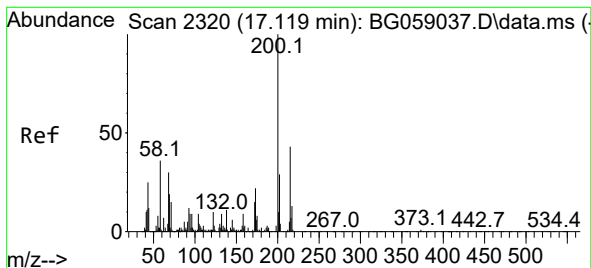
Tgt Ion:248 Resp: 364487
Ion Ratio Lower Upper
248 100
250 97.0 73.9 110.9
141 67.9 45.4 68.0



#69
Hexachlorobenzene
Concen: 35.629 ng/ul
RT: 16.955 min Scan# 2292
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:284 Resp: 413649
Ion Ratio Lower Upper
284 100
142 27.4 24.6 37.0
249 29.1 24.3 36.5





#70

Atrazine

Concen: 14.659 ng/ul

RT: 17.113 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Instrument :

BNA_G

ClientSampleId :

SLCS387

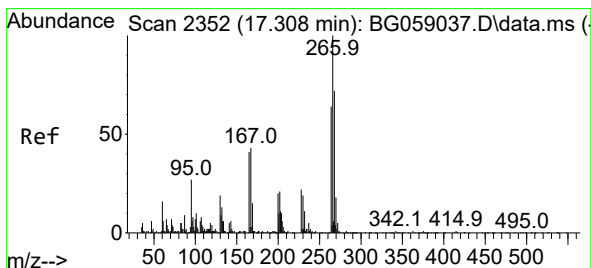
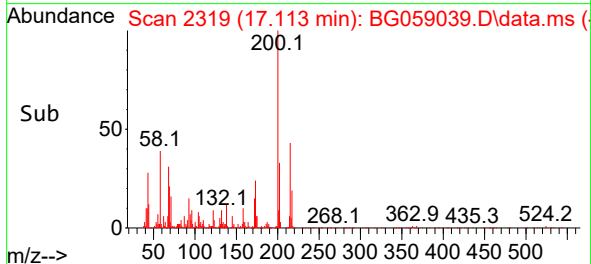
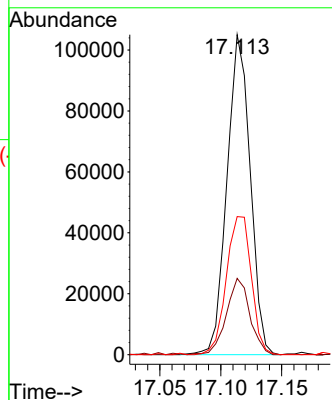
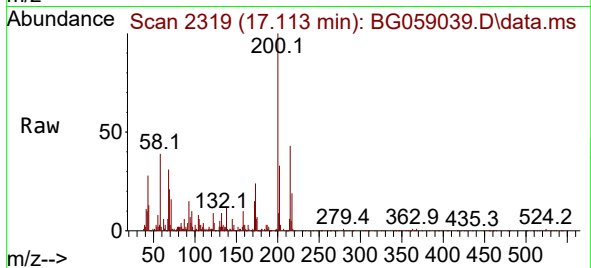
Tgt Ion:200 Resp: 139399

Ion Ratio Lower Upper

200 100

173 23.9 17.4 26.2

215 43.2 35.4 53.0



#71

Pentachlorophenol

Concen: 33.739 ng/ul

RT: 17.307 min Scan# 2352

Delta R.T. 0.001 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

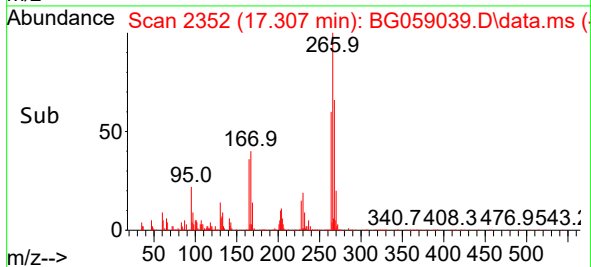
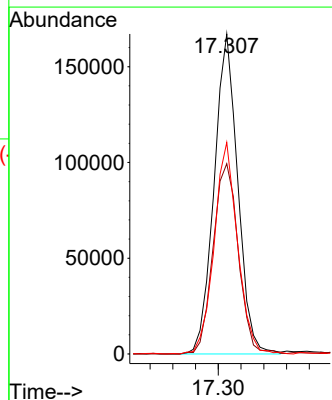
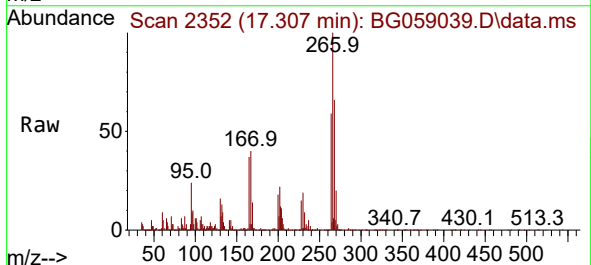
Tgt Ion:266 Resp: 241448

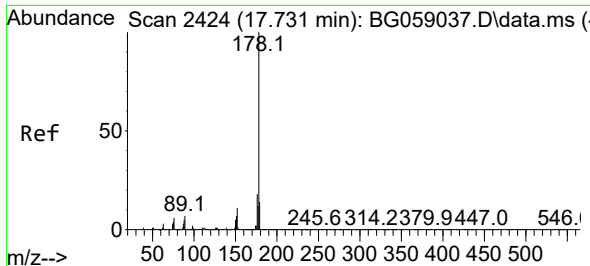
Ion Ratio Lower Upper

266 100

264 59.4 53.1 79.7

268 66.1 51.6 77.4

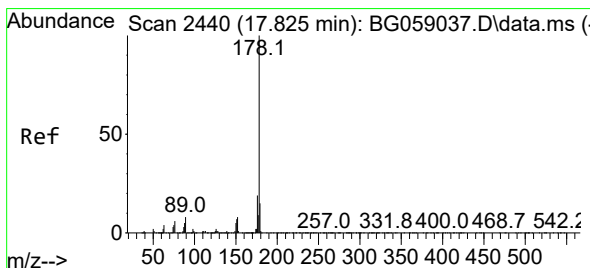
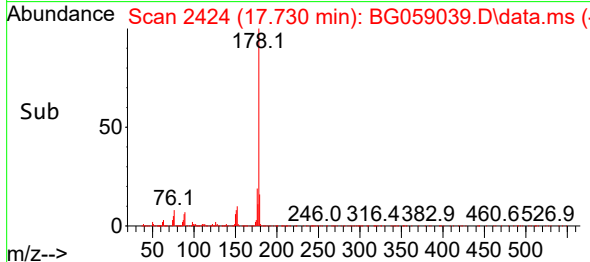
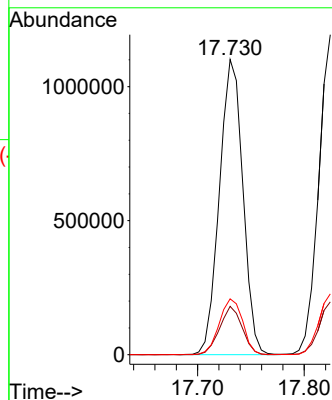
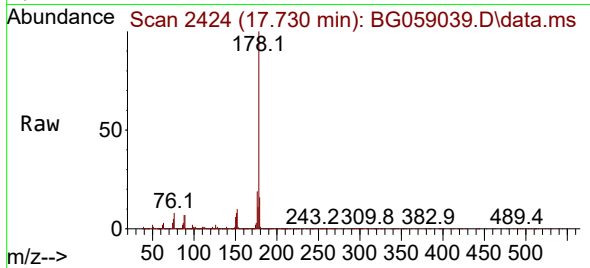




#72
Phenanthrene
Concen: 35.951 ng/ul
RT: 17.730 min Scan# 2424
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

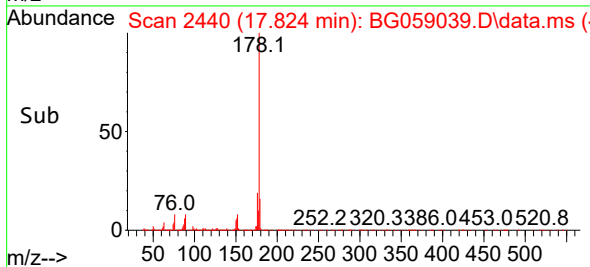
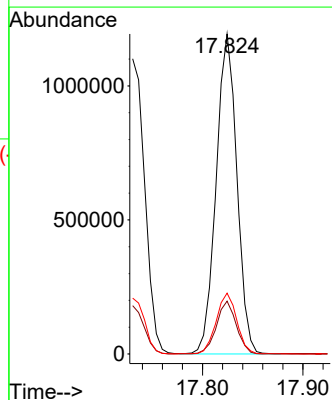
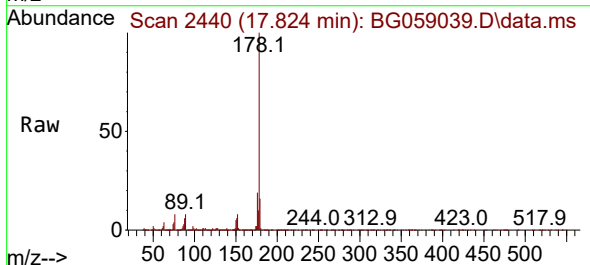
Instrument :
BNA_G
ClientSampleId :
SLCS387

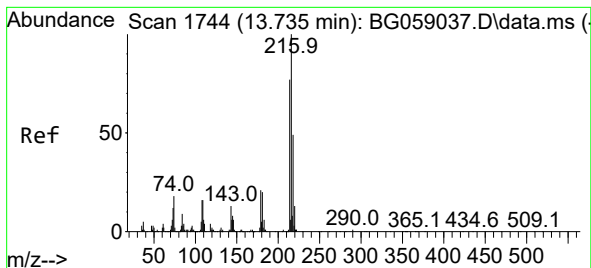
Tgt Ion:178 Resp: 1682051
Ion Ratio Lower Upper
178 100
179 16.4 11.8 17.8
176 18.9 15.1 22.7



#74
Anthracene
Concen: 36.029 ng/ul
RT: 17.824 min Scan# 2440
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:178 Resp: 1713314
Ion Ratio Lower Upper
178 100
179 16.5 12.2 18.4
176 19.0 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.131 ng/uL

RT: 13.729 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Instrument :

BNA_G

ClientSampleId :

SLCS387

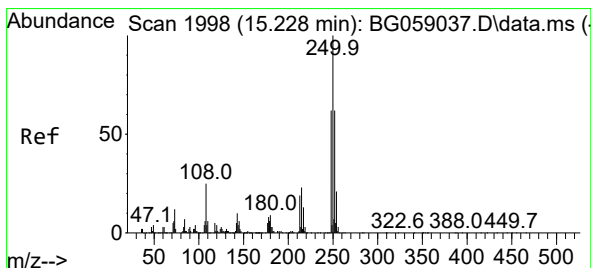
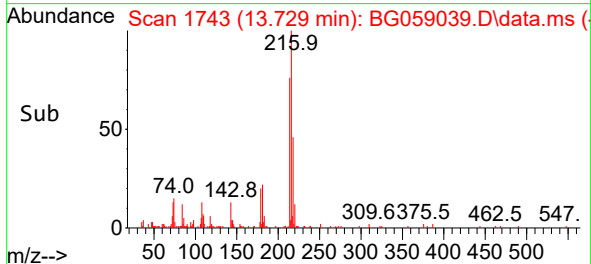
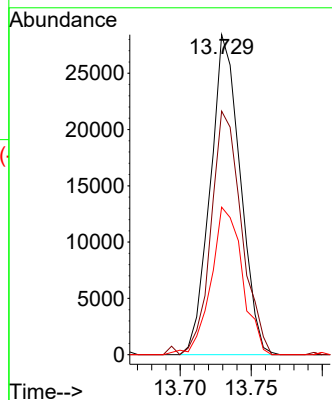
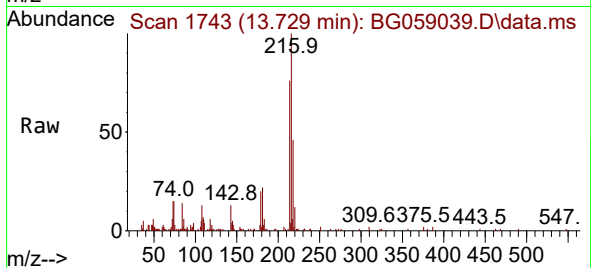
Tgt Ion:216 Resp: 41649

Ion Ratio Lower Upper

216 100

214 76.1 60.6 91.0

218 46.1 33.6 50.4



#76

Pentachlorobenzene

Concen: 34.559 ng/uL

RT: 15.227 min Scan# 1998

Delta R.T. 0.001 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

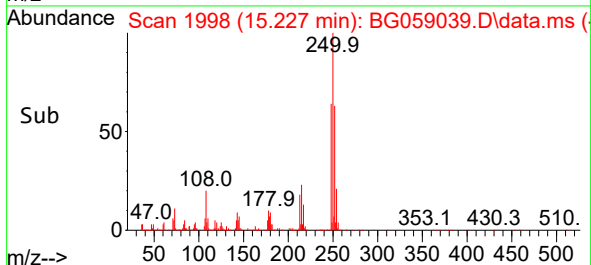
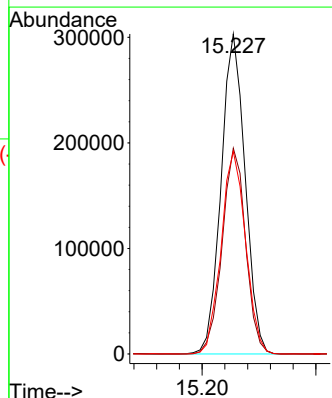
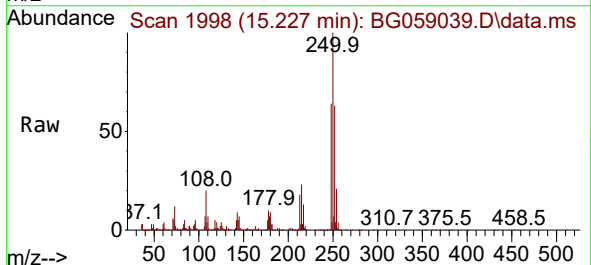
Tgt Ion:250 Resp: 444280

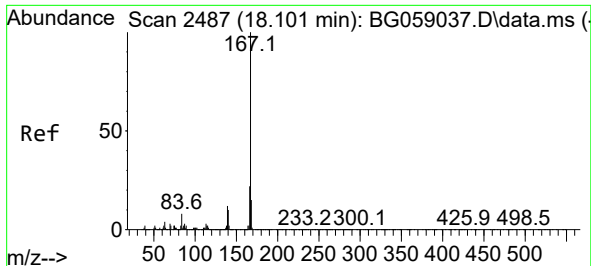
Ion Ratio Lower Upper

250 100

248 64.3 50.3 75.5

252 63.3 47.6 71.4

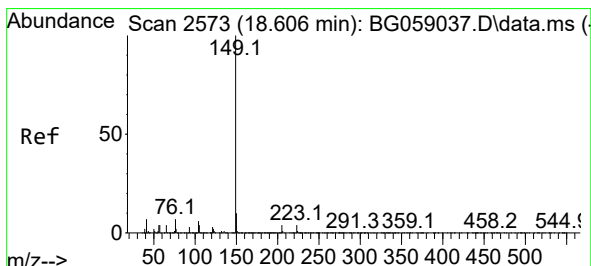
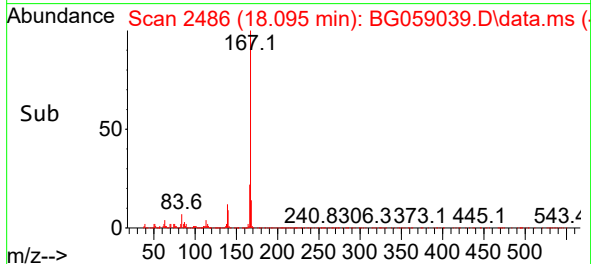
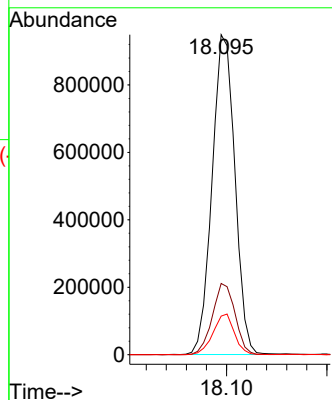
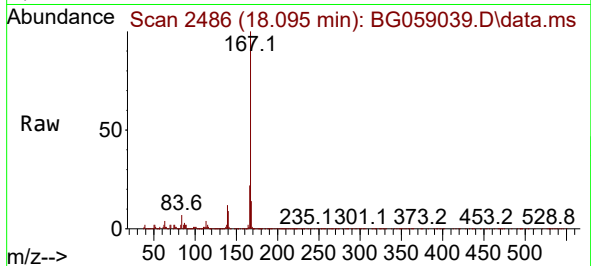




#77
Carbazole
Concen: 37.642 ng/ul
RT: 18.095 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

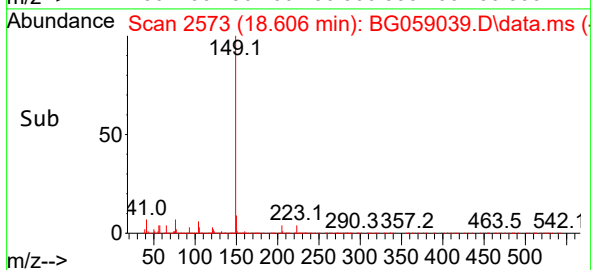
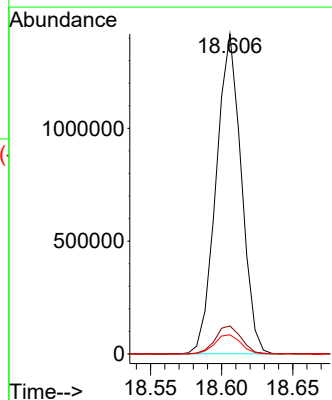
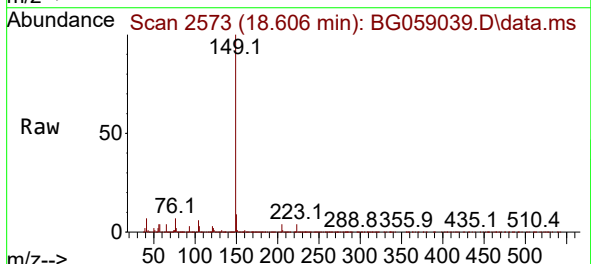
Instrument :
BNA_G
ClientSampleId :
SLCS387

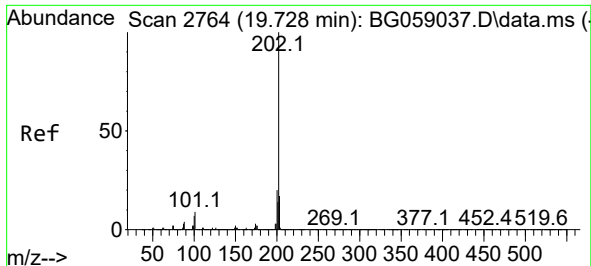
Tgt Ion:167 Resp: 1498948
Ion Ratio Lower Upper
167 100
166 22.2 16.8 25.2
139 12.0 9.4 14.2



#78
Di-n-butylphthalate
Concen: 39.438 ng/ul
RT: 18.606 min Scan# 2573
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:149 Resp: 1740982
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 6.0 4.6 6.8

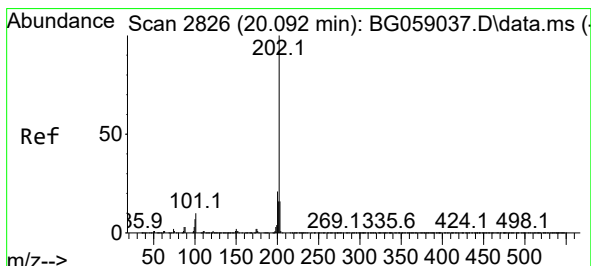
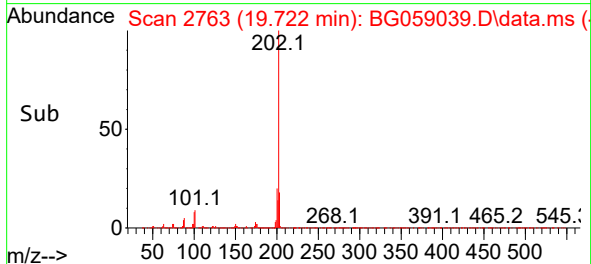
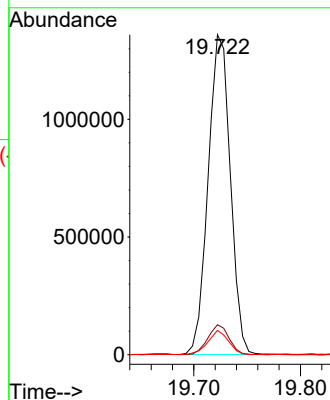
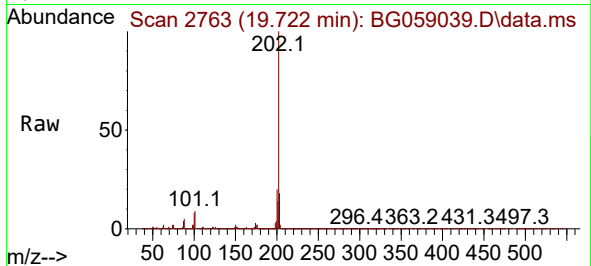




#80
Fluoranthene
Concen: 42.272 ng/ul
RT: 19.722 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

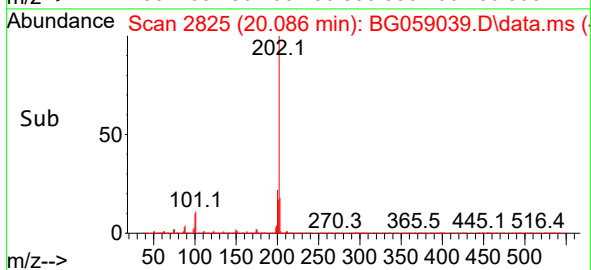
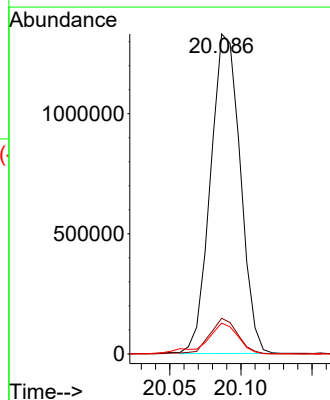
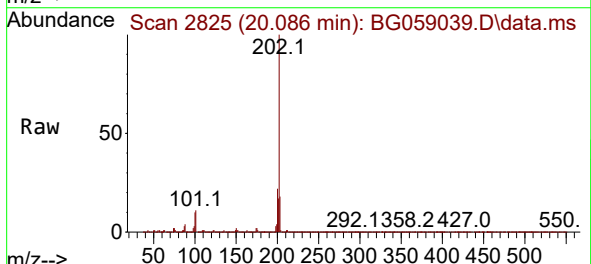
Instrument :
BNA_G
ClientSampleId :
SLCS387

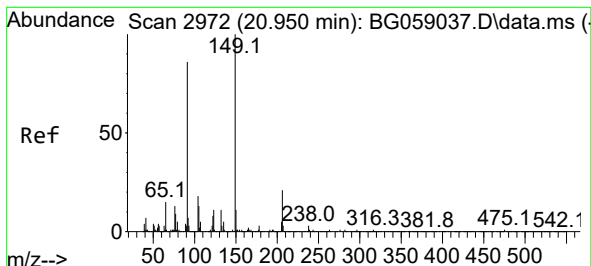
Tgt Ion:202 Resp: 1963506
Ion Ratio Lower Upper
202 100
101 9.3 6.1 9.1#
100 7.6 5.9 8.9



#82
Pyrene
Concen: 40.067 ng/ul
RT: 20.086 min Scan# 2825
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:202 Resp: 1934763
Ion Ratio Lower Upper
202 100
101 11.1 7.5 11.3
100 9.7 6.3 9.5#





#83

Butylbenzylphthalate

Concen: 43.881 ng/ul

RT: 20.950 min Scan# 2972

Delta R.T. 0.001 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Instrument :

BNA_G

ClientSampleId :

SLCS387

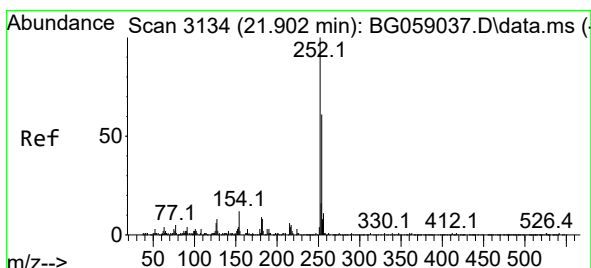
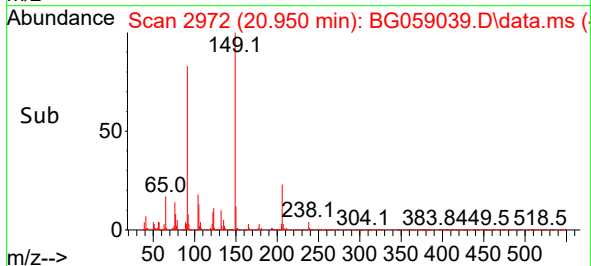
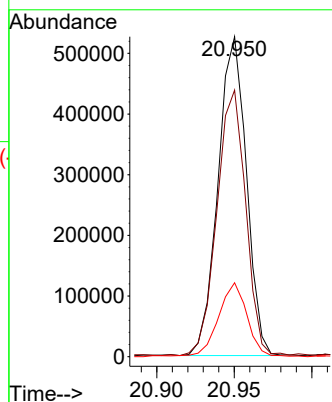
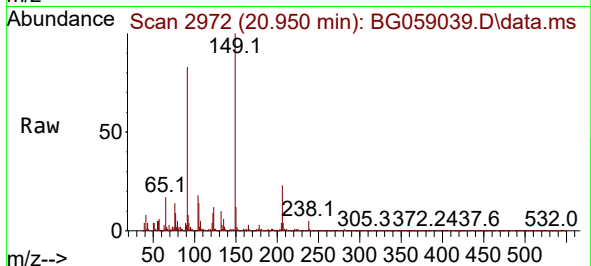
Tgt Ion:149 Resp: 669589

Ion Ratio Lower Upper

149 100

91 83.3 68.7 103.1

206 23.1 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 35.110 ng/ul

RT: 21.902 min Scan# 3134

Delta R.T. 0.001 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

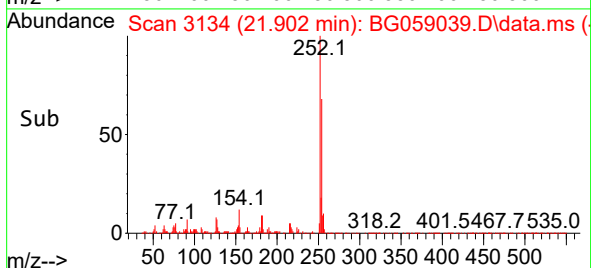
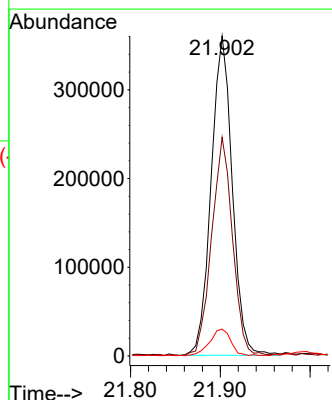
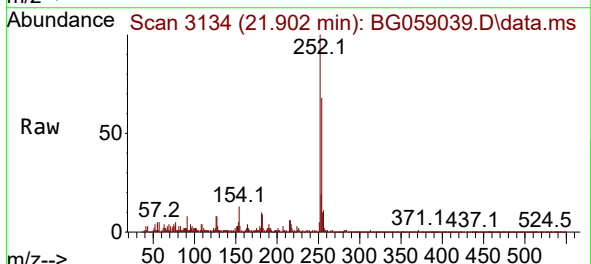
Tgt Ion:252 Resp: 588174

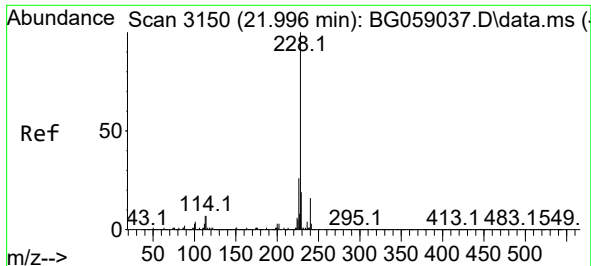
Ion Ratio Lower Upper

252 100

254 68.3 57.6 86.4

126 8.4 7.8 11.8

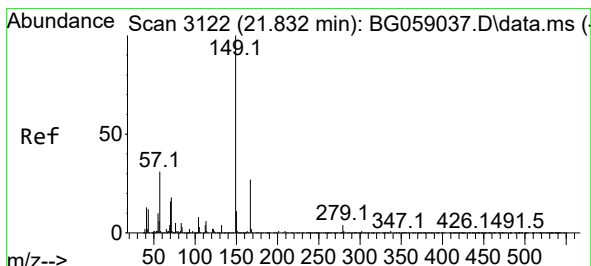
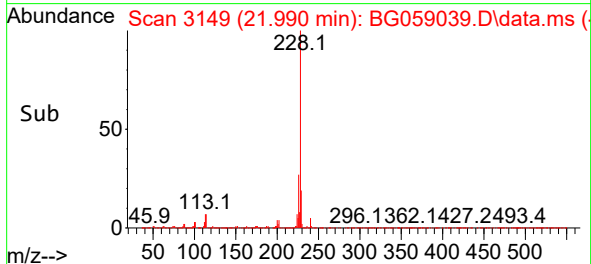
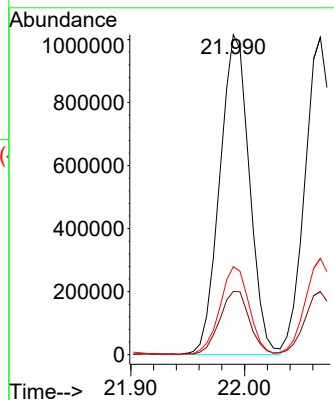
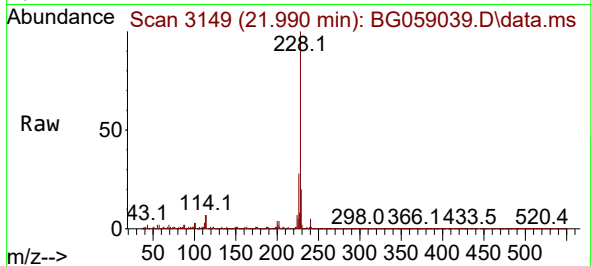




#85
Benzo(a)anthracene
Concen: 36.246 ng/ul
RT: 21.990 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

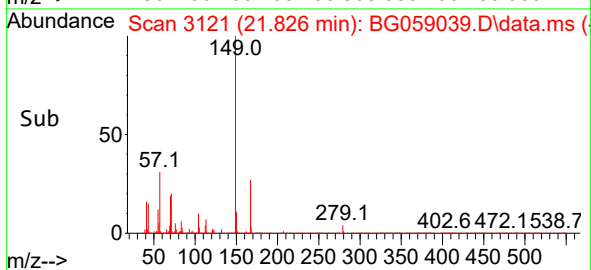
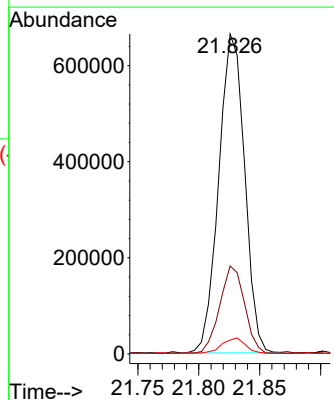
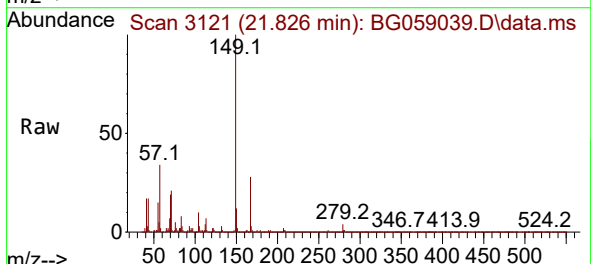
Instrument :
BNA_G
ClientSampleId :
SLCS387

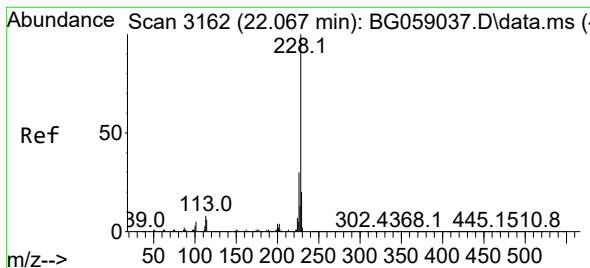
Tgt Ion:228 Resp: 1835412
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.5 20.8 31.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 42.915 ng/ul
RT: 21.826 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:149 Resp: 980743
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.6
279 4.4 3.8 5.8





#87

Chrysene

Concen: 36.737 ng/ul

RT: 22.067 min Scan# 3162

Delta R.T. 0.007 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Instrument :

BNA_G

ClientSampleId :

SLCS387

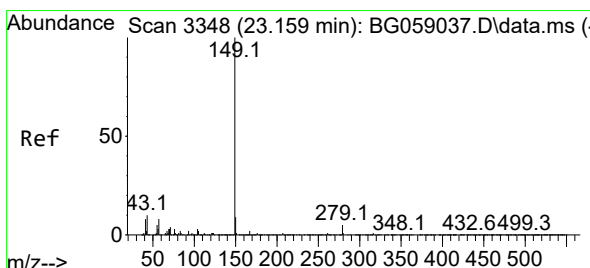
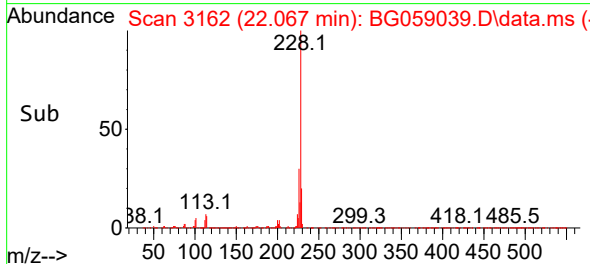
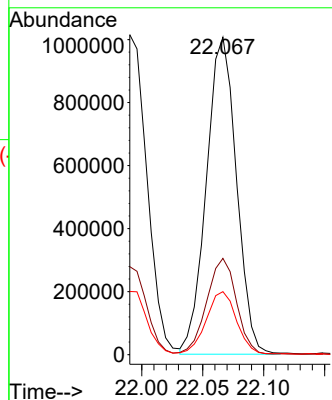
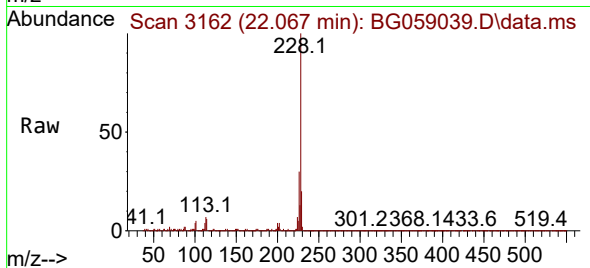
Tgt Ion:228 Resp: 1729359

Ion Ratio Lower Upper

228 100

226 30.3 23.2 34.8

229 19.9 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 40.188 ng/ul

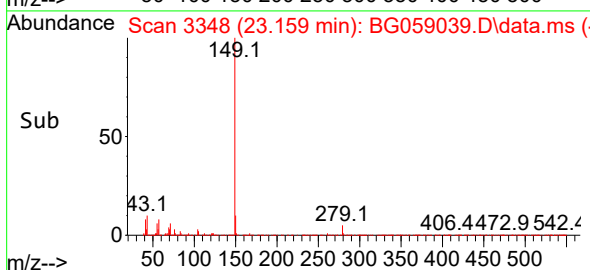
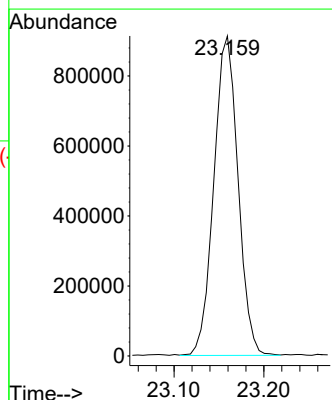
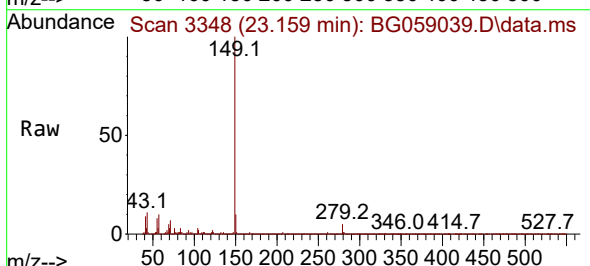
RT: 23.159 min Scan# 3348

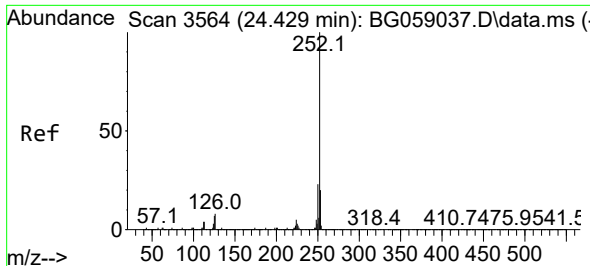
Delta R.T. 0.001 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Tgt Ion:149 Resp: 1705276

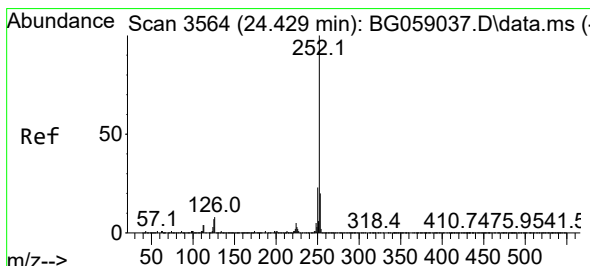
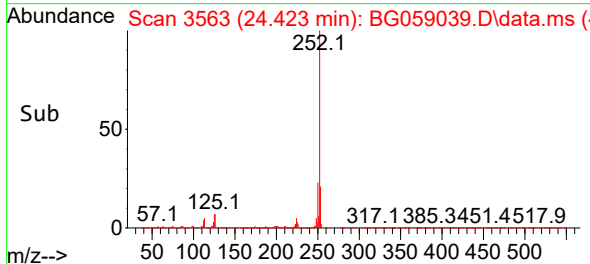
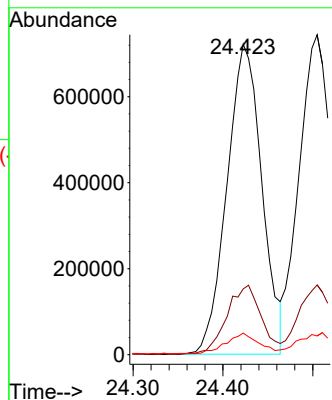
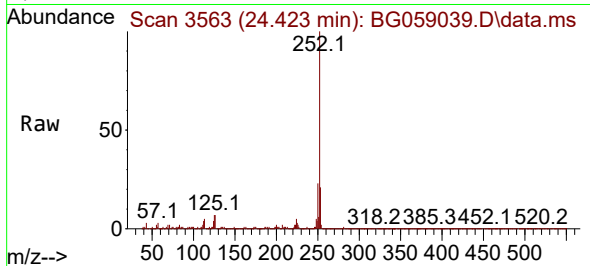




#90
Benzo(b)fluoranthene
Concen: 35.464 ng/ul
RT: 24.423 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

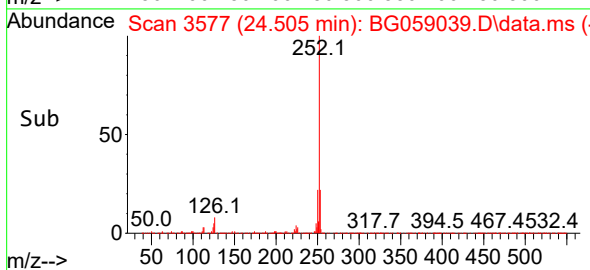
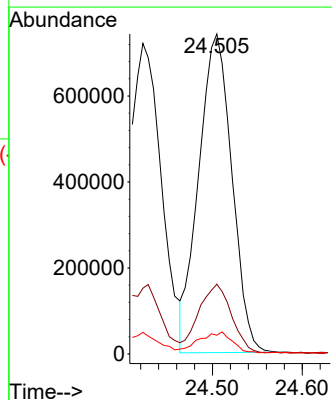
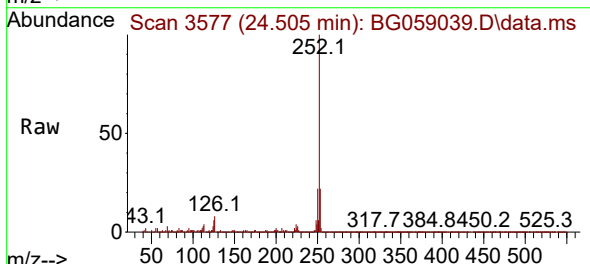
Instrument :
BNA_G
ClientSampleId :
SLCS387

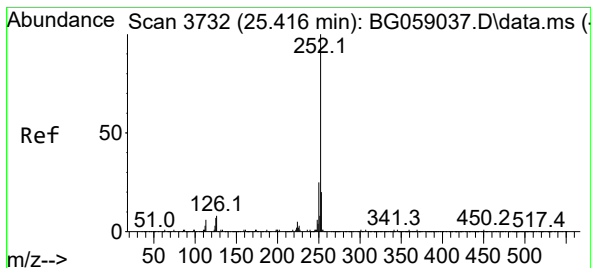
Tgt Ion:252 Resp: 1948670
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 7.0 6.2 9.2



#91
Benzo(k)fluoranthene
Concen: 33.865 ng/ul
RT: 24.505 min Scan# 3577
Delta R.T. 0.007 min
Lab File: BG059039.D
Acq: 13 Sep 2023 13:54

Tgt Ion:252 Resp: 1901619
Ion Ratio Lower Upper
252 100
253 21.8 19.1 28.7
125 5.9 5.0 7.4





#93

Benzo(a)pyrene

Concen: 33.189 ng/ul

RT: 25.410 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Instrument :

BNA_G

ClientSampleId :

SLCS387

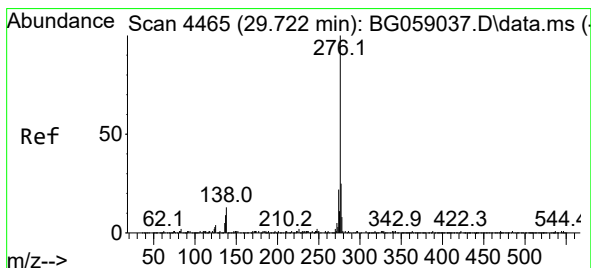
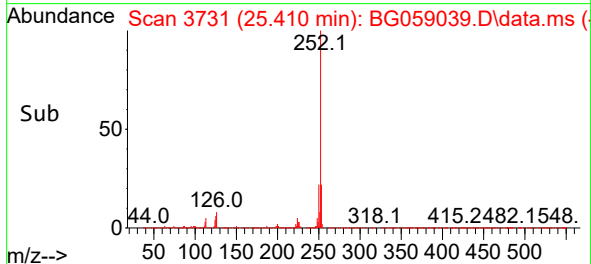
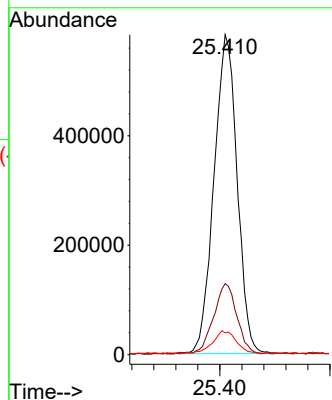
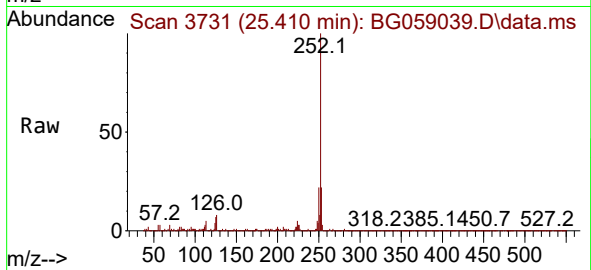
Tgt Ion:252 Resp: 1701483

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 6.8 5.3 7.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.289 ng/ul

RT: 29.716 min Scan# 4464

Delta R.T. 0.036 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

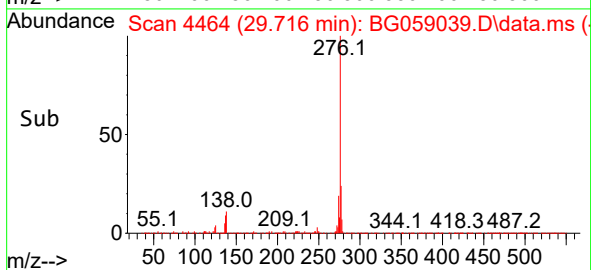
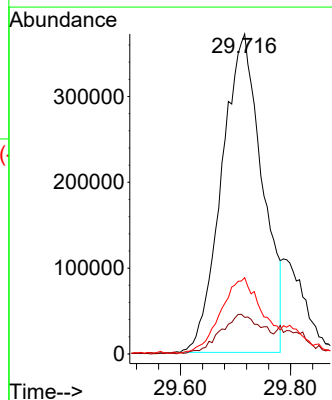
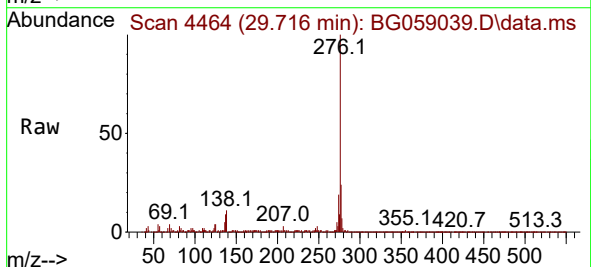
Tgt Ion:276 Resp: 1897277

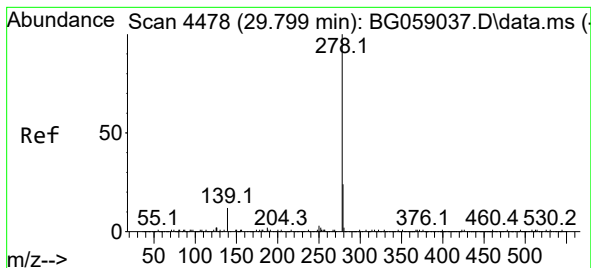
Ion Ratio Lower Upper

276 100

138 11.4 11.8 17.8#

277 23.9 20.7 31.1





#95

Dibenzo(a,h)anthracene

Concen: 33.245 ng/ul

RT: 29.793 min Scan# 4478

Delta R.T. 0.018 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Instrument :

BNA_G

ClientSampleId :

SLCS387

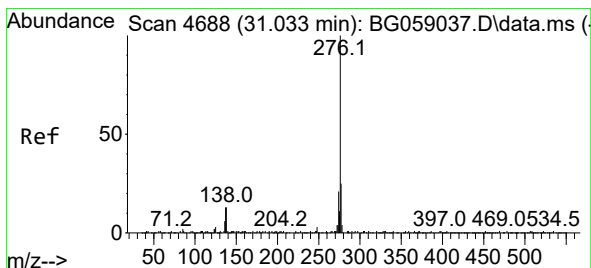
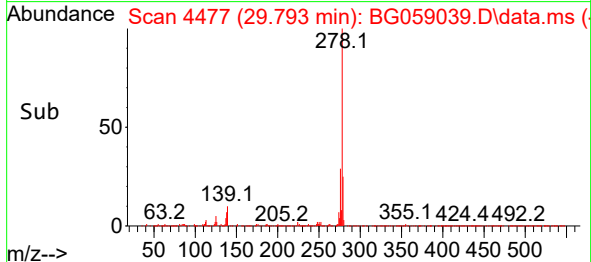
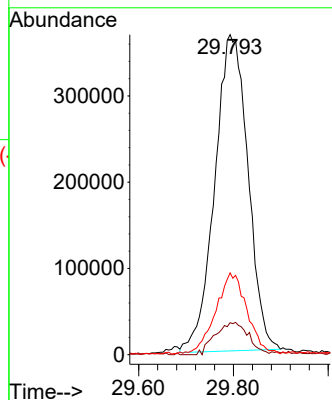
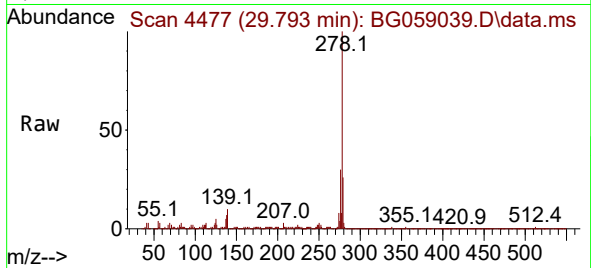
Tgt Ion:278 Resp: 1784461

Ion Ratio Lower Upper

278 100

139 10.0 9.8 14.8

279 25.5 18.5 27.7



#96

Benzo(g,h,i)perylene

Concen: 35.214 ng/ul

RT: 31.032 min Scan# 4688

Delta R.T. 0.042 min

Lab File: BG059039.D

Acq: 13 Sep 2023 13:54

Tgt Ion:276 Resp: 1805490

Ion Ratio Lower Upper

276 100

138 13.5 11.4 17.2

277 24.3 17.4 26.2

