

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
 Data File : BG059045.D
 Acq On : 13 Sep 2023 18:02
 Operator : MA/JU
 Sample : PB155407BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS407

Quant Time: Sep 14 01:05:47 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	91228	20.000	ng/u1	0.00
20) Naphthalene-d8	11.144	136	443327	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.934	164	368605	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.683	188	1007530	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.008	240	873591	20.000	ng/u1	0.00
88) Perylene-d12	25.568	264	1030856	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.617	96	12951	6.034	ng/uL	-0.01
4) Pyridine-d5	4.046	84	160578	23.631	ng/u1	-0.01
7) Phenol-d5	7.413	99	295153	32.084	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.624	67	156643	29.038	ng/u1	0.00
11) 2-Chlorophenol-d4	7.818	132	182236	30.886	ng/u1	0.00
15) 4-Methylphenol-d8	8.988	113	237883	33.470	ng/u1	0.00
21) Nitrobenzene-d5	9.499	128	99780	31.029	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.221	143	123682	35.052	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	241342	32.183	ng/u1	0.00
31) 4-Chloroaniline-d4	11.285	131	184374	18.283	ng/u1	-0.01
46) Dimethylphthalate-d6	14.328	166	920590	32.197	ng/u1	0.00
49) Acenaphthylene-d8	14.640	160	932066	29.274	ng/u1	0.00
54) 4-Nitrophenol-d4	15.110	143	167623	35.294	ng/u1	0.00
60) Fluorene-d10	15.921	176	802193	31.614	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	190406	38.500	ng/u1	0.00
73) Anthracene-d10	17.783	188	1389586	31.068	ng/u1	0.00
81) Pyrene-d10	20.057	212	1589004	34.337	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.321	264	1536803	30.412	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.647	88	26473	9.573	ng/uL#	85
5) Pyridine	4.064	79	171219	23.598	ng/u1	94
6) Benzaldehyde	7.448	77	127293	22.626	ng/u1	91
8) Phenol	7.442	94	328593	33.589	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.718	93	219008	30.630	ng/u1	94
12) 2-Chlorophenol	7.854	128	197822	32.437	ng/u1	97
13) 2-Methylphenol	8.723	108	249383	33.855	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.817	45	263680	30.711	ng/u1	98
16) Acetophenone	9.146	105	407506	34.583	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.111	70	221346	33.510	ng/u1	92
18) 4-Methylphenol	9.052	108	272750	33.904	ng/u1	95
19) Hexachloroethane	9.393	117	82070	32.109	ng/u1	84
22) Nitrobenzene	9.546	77	307061	31.896	ng/u1	96
23) Isophorone	10.051	82	694117	33.943	ng/u1	99
25) 2-Nitrophenol	10.251	139	125724	34.944	ng/u1#	86
26) 2,4-Dimethylphenol	10.274	107	323713	36.305	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.533	93	360380	32.881	ng/u1	98
29) 2,4-Dichlorophenol	10.774	162	251824	35.448	ng/u1	96
30) Naphthalene	11.203	128	739194	31.632	ng/u1	98
32) 4-Chloroaniline	11.314	127	253018	26.133	ng/u1	99
33) Hexachlorobutadiene	11.426	225	178086	32.039	ng/u1	95
34) Caprolactam	12.096	113	91381	36.245	ng/u1#	82
35) 4-Chloro-3-methylphenol	12.384	107	329120	37.707	ng/u1	91
36) 2-Methylnaphthalene	12.783	142	563528	32.317	ng/u1	95

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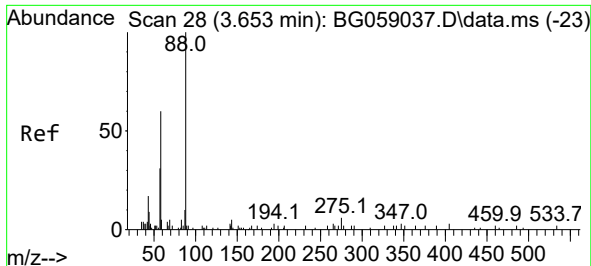
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.995	142	561879	32.668	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	13.124	216	349438	29.042	ng/ul	96
40) Hexachlorocyclopentadiene	13.077	237	252862	28.561	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.365	196	237600	31.105	ng/ul	98
42) 2,4,5-Trichlorophenol	13.429	196	267977	32.405	ng/ul	94
43) 1,1'-Biphenyl	13.770	154	837999	30.413	ng/ul	99
44) 2-Chloronaphthalene	13.823	162	634015	30.128	ng/ul	97
45) 2-Nitroaniline	14.040	65	236983	36.718	ng/ul	88
47) Dimethylphthalate	14.375	163	936431	34.638	ng/ul	99
48) 2,6-Dinitrotoluene	14.522	165	196444	38.200	ng/ul	98
50) Acenaphthylene	14.663	152	1063858	30.648	ng/ul	97
51) 3-Nitroaniline	14.857	138	192673	39.042	ng/ul	83
52) Acenaphthene	14.998	153	742263	31.865	ng/ul	97
53) 2,4-Dinitrophenol	15.051	184	134542	40.590	ng/ul	91
55) 4-Nitrophenol	15.122	109	205979	36.758	ng/ul	90
56) Dibenzofuran	15.333	168	1112545	32.974	ng/ul	100
57) 2,4-Dinitrotoluene	15.298	165	293516	41.364	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.533	232	274392	34.737	ng/ul#	93
59) Diethylphthalate	15.721	149	986375	37.008	ng/ul	95
61) Fluorene	15.979	166	935911	33.750	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.962	204	486101	33.128	ng/ul	97
63) 4-Nitroaniline	16.021	138	190346	40.697	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.044	198	211398	39.164	ng/ul	93
67) N-Nitrosodiphenylamine	16.179	169	830673	31.279	ng/ul	95
68) 4-Bromophenyl-phenylether	16.861	248	356486	32.253	ng/ul	95
69) Hexachlorobenzene	16.949	284	392576	30.939	ng/ul	97
70) Atrazine	17.113	200	108287	10.419	ng/ul	90
71) Pentachlorophenol	17.301	266	237543	30.371	ng/ul	96
72) Phenanthrene	17.730	178	1666198	32.585	ng/ul	100
74) Anthracene	17.818	178	1708666	32.877	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.729	216	34285	2.358	ng/uL#	90
76) Pentachlorobenzene	15.227	250	430827	30.664	ng/uL	94
77) Carbazole	18.095	167	1510296	34.703	ng/ul	98
78) Di-n-butylphthalate	18.600	149	1712015	35.485	ng/ul	99
80) Fluoranthene	19.722	202	2025511	37.691	ng/ul	97
82) Pyrene	20.086	202	2012273	36.019	ng/ul#	97
83) Butylbenzylphthalate	20.944	149	693499	39.282	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.896	252	608644	31.403	ng/ul#	92
85) Benzo(a)anthracene	21.990	228	1921223	32.793	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.825	149	1009207	38.170	ng/ul	98
87) Chrysene	22.061	228	1810335	33.240	ng/ul	96
89) Di-n-octyl phthalate	23.153	149	1709249	36.044	ng/ul	100
90) Benzo(b)fluoranthene	24.417	252	1980720	32.255	ng/ul	96
91) Benzo(k)fluoranthene	24.493	252	1978150	31.522	ng/ul	94
93) Benzo(a)pyrene	25.398	252	1756643	30.660	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.693	276	1870629	25.840	ng/ul	94
95) Dibenzo(a,h)anthracene	29.775	278	1834039	30.574	ng/ul#	95
96) Benzo(g,h,i)perylene	31.009	276	1832259	31.976	ng/ul	96

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

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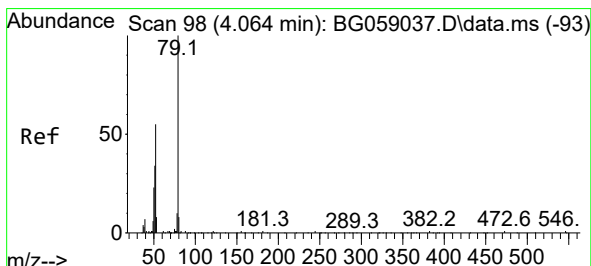
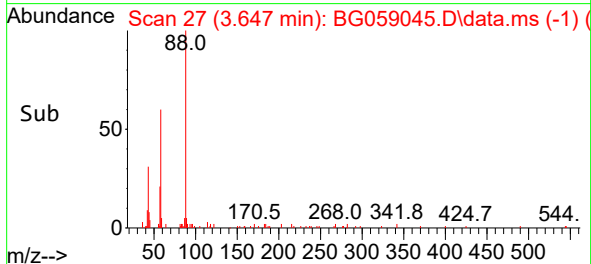
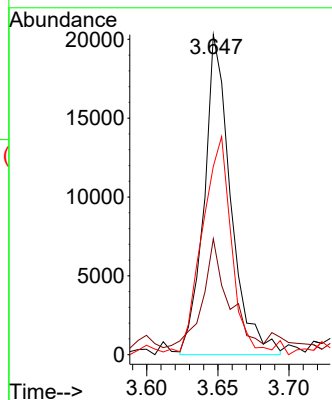
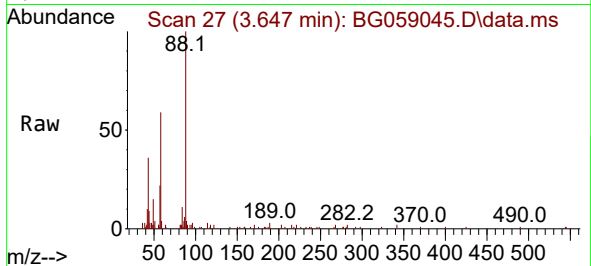




#2
1,4-Dioxane
Concen: 9.573 ng/uL
RT: 3.647 min Scan# 21
Delta R.T. -0.017 min
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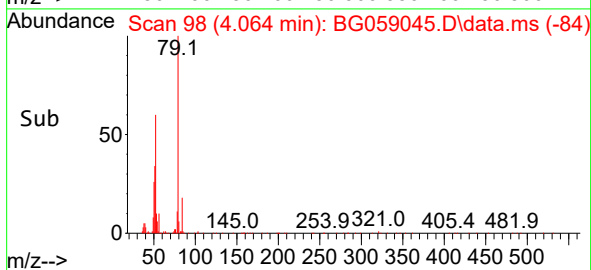
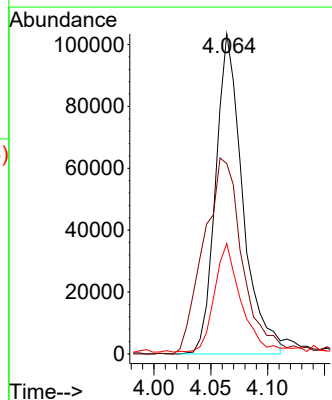
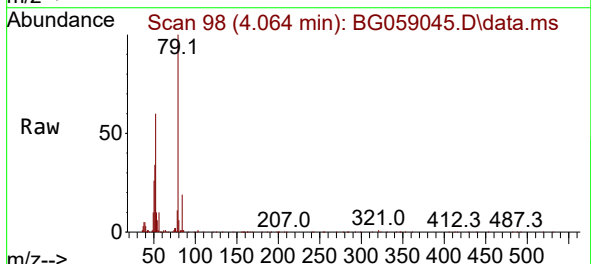
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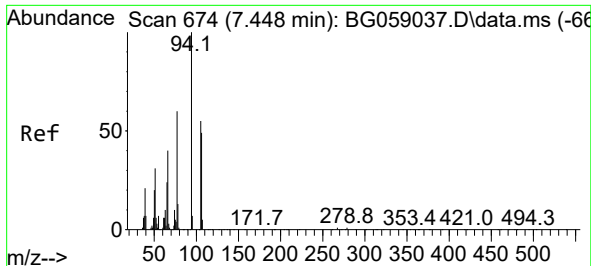
Tgt Ion: 88 Resp: 26473
Ion Ratio Lower Upper
88 100
43 36.2 18.6 28.0#
58 58.9 53.8 80.8



#5
Pyridine
Concen: 23.598 ng/uL
RT: 4.064 min Scan# 98
Delta R.T. -0.017 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion: 79 Resp: 171219
Ion Ratio Lower Upper
79 100
52 59.5 51.4 77.0
51 34.5 25.2 37.8

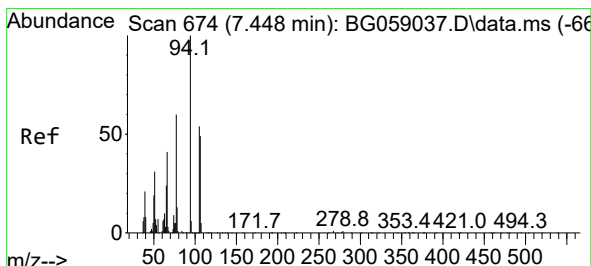
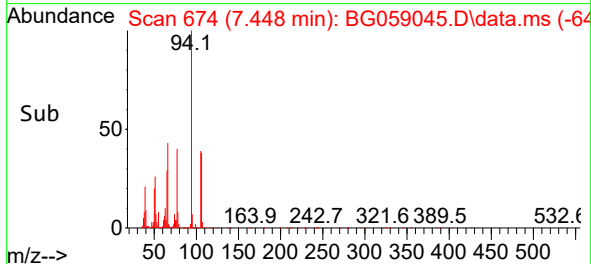
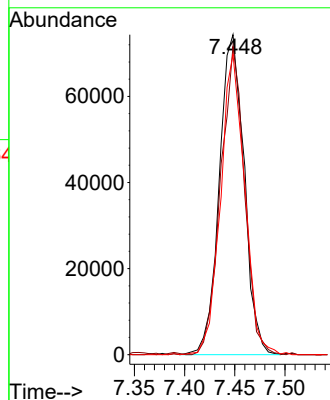
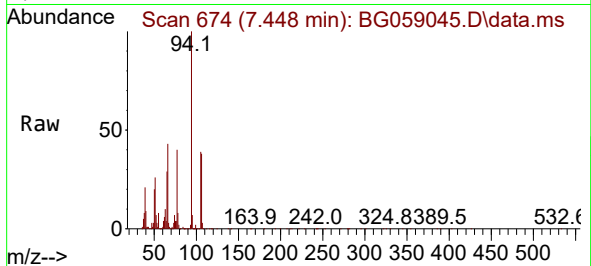




#6
Benzaldehyde
Concen: 22.626 ng/ul
RT: 7.448 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

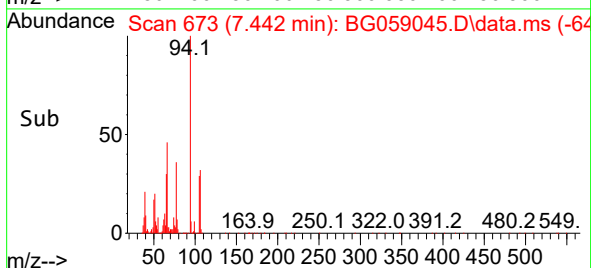
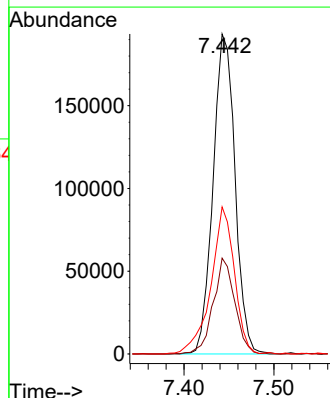
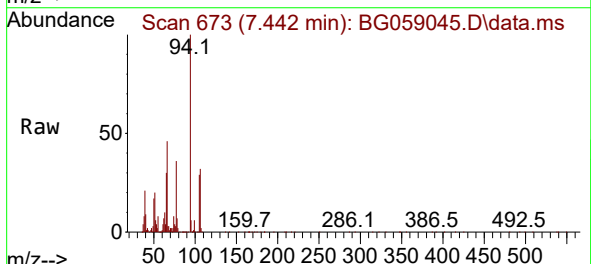
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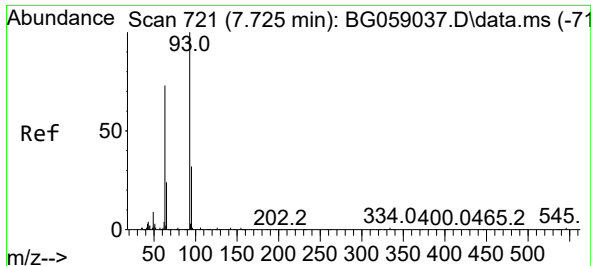
Tgt Ion: 77 Resp: 127293
Ion Ratio Lower Upper
77 100
105 96.4 81.6 122.4
106 93.9 84.5 126.7



#8
Phenol
Concen: 33.589 ng/ul
RT: 7.442 min Scan# 673
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion: 94 Resp: 328593
Ion Ratio Lower Upper
94 100
65 30.0 22.4 33.6
66 45.9 35.0 52.6

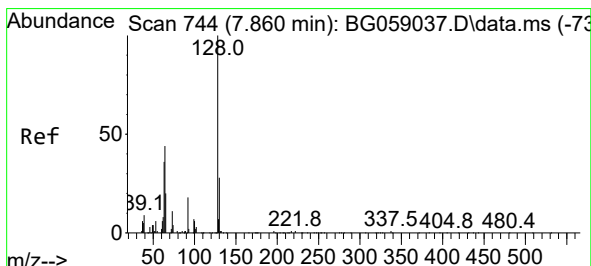
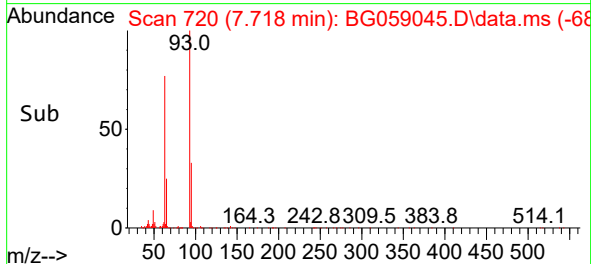
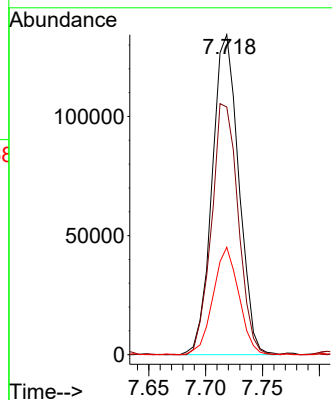
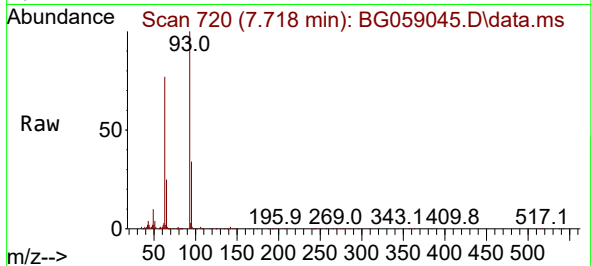




#10
Bis(2-Chloroethyl)ether
Concen: 30.630 ng/ul
RT: 7.718 min Scan# 719
Delta R.T. -0.011 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

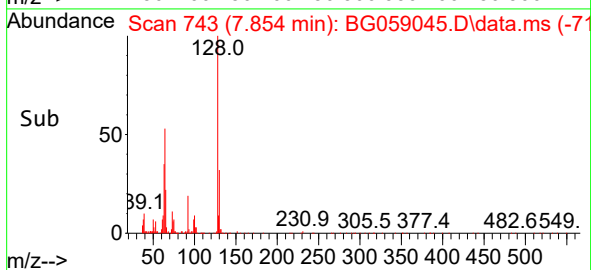
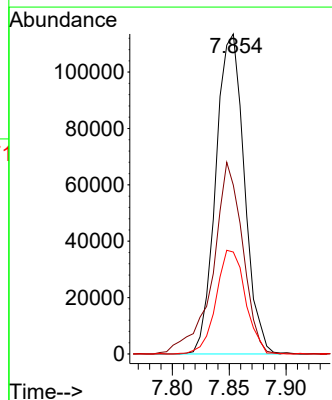
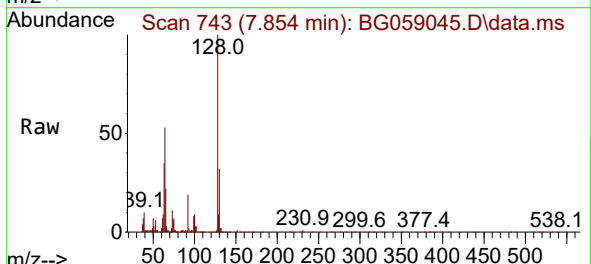
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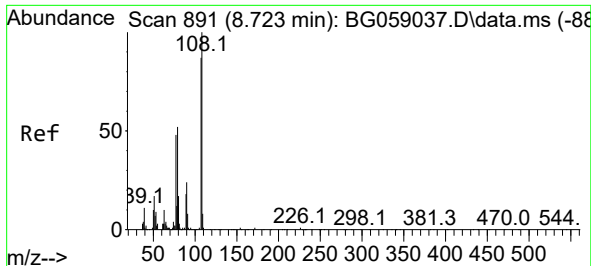
Tgt Ion: 93 Resp: 219008
Ion Ratio Lower Upper
93 100
63 77.4 56.2 84.4
95 33.6 26.4 39.6



#12
2-Chlorophenol
Concen: 32.437 ng/ul
RT: 7.854 min Scan# 743
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:128 Resp: 197822
Ion Ratio Lower Upper
128 100
64 52.7 43.1 64.7
130 31.9 23.2 34.8





#13

2-Methylphenol

Concen: 33.855 ng/ul

RT: 8.723 min Scan# 891

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

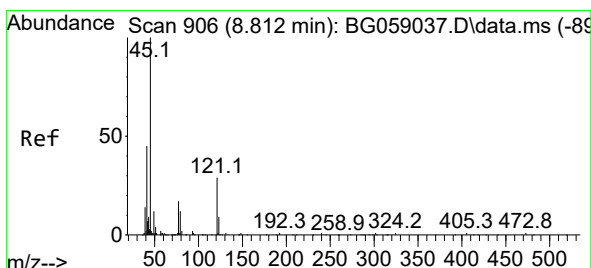
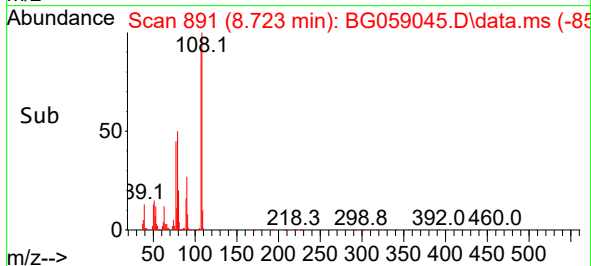
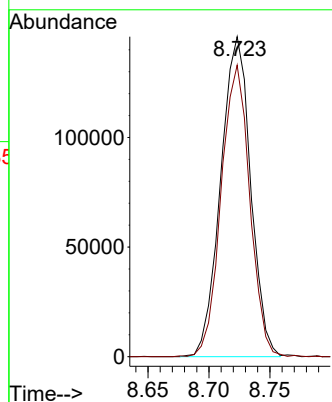
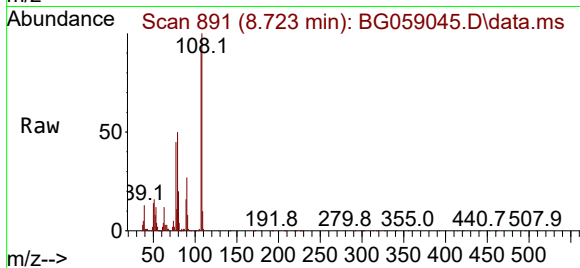
SLCS407

Tgt Ion:108 Resp: 249383

Ion Ratio Lower Upper

108 100

107 91.1 71.2 106.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.711 ng/ul

RT: 8.817 min Scan# 907

Delta R.T. 0.001 min

Lab File: BG059045.D

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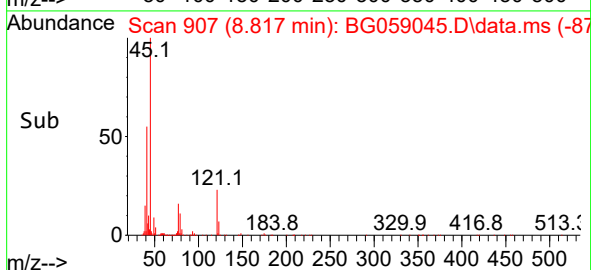
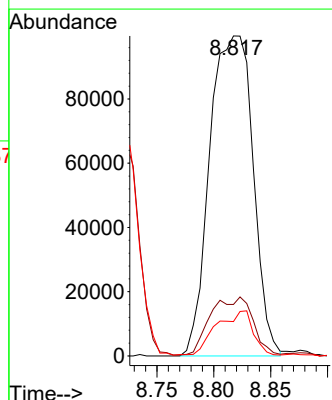
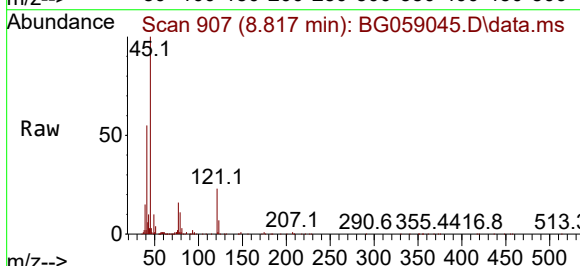
Tgt Ion: 45 Resp: 263680

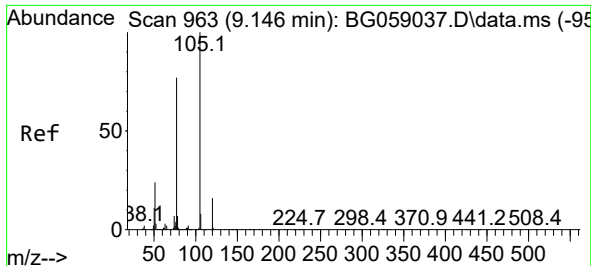
Ion Ratio Lower Upper

45 100

77 16.1 13.2 19.8

79 10.7 9.8 14.6

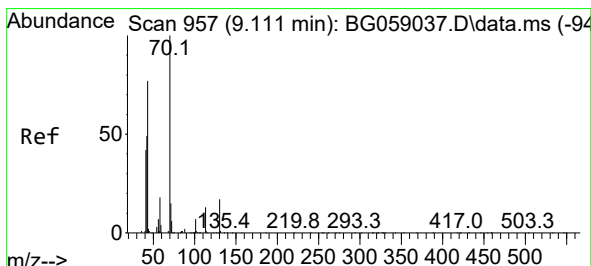
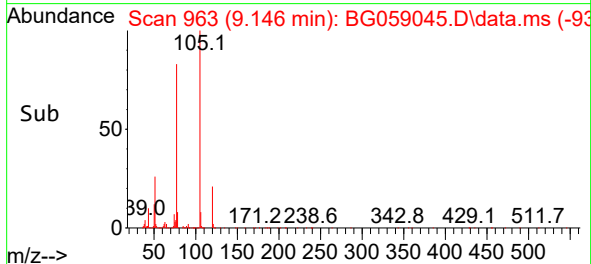
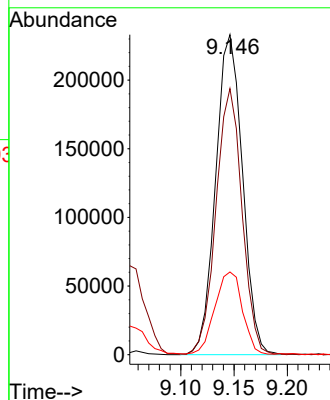
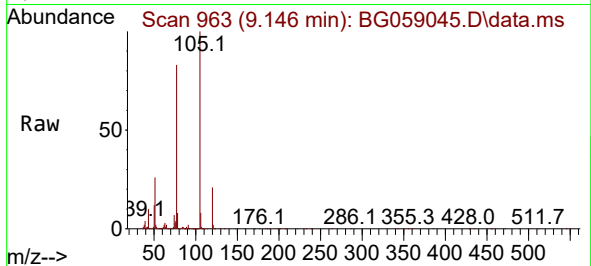




#16
Acetophenone
Concen: 34.583 ng/ul
RT: 9.146 min Scan# 90
Delta R.T. -0.005 min
Lab File: BG059045.D
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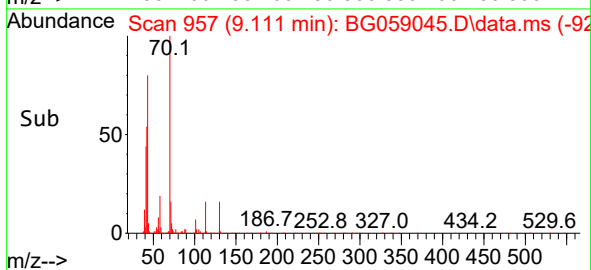
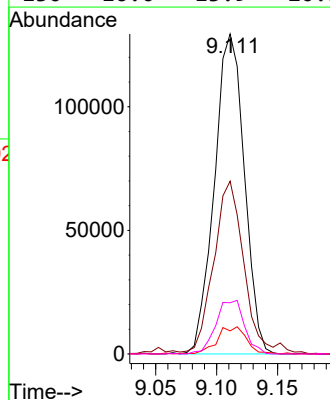
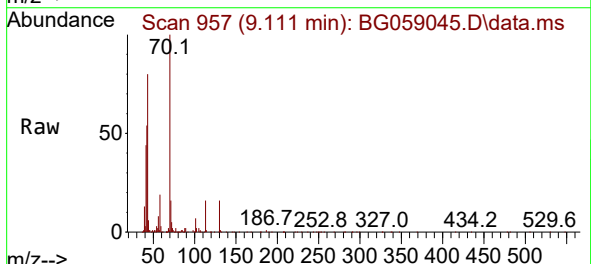
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ClientSampleId :
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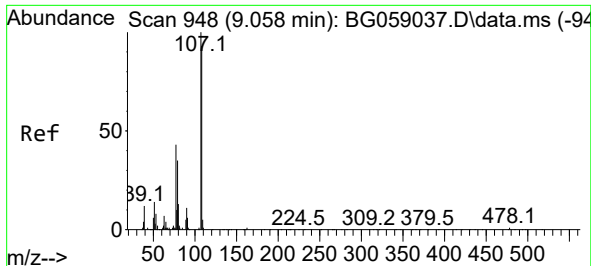
Tgt Ion:105 Resp: 407506
Ion Ratio Lower Upper
105 100
77 83.2 67.3 100.9
51 25.8 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 33.510 ng/ul
RT: 9.111 min Scan# 957
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion: 70 Resp: 221346
Ion Ratio Lower Upper
70 100
42 54.0 37.5 56.3
101 7.2 5.0 7.6
130 16.0 13.9 20.9

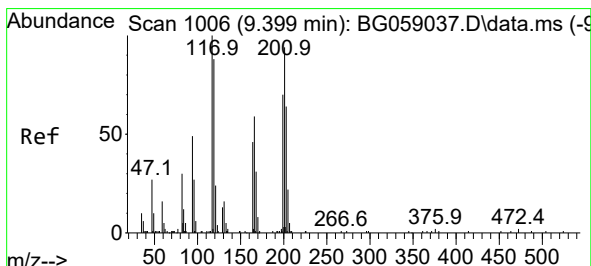
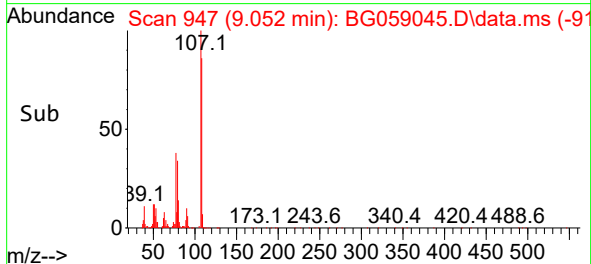
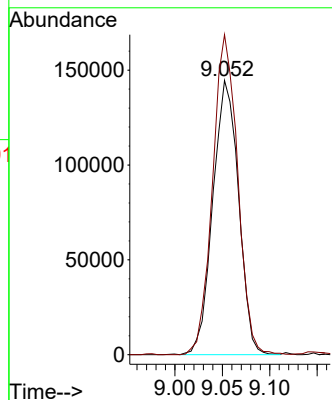
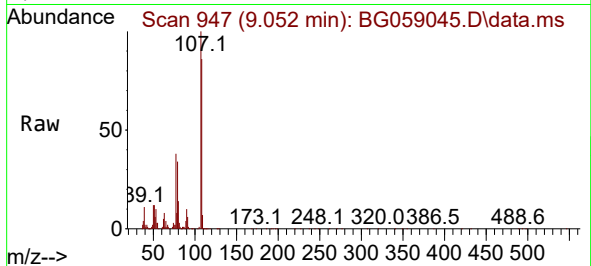




#18
4-Methylphenol
Concen: 33.904 ng/ul
RT: 9.052 min Scan# 948
Delta R.T. -0.011 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

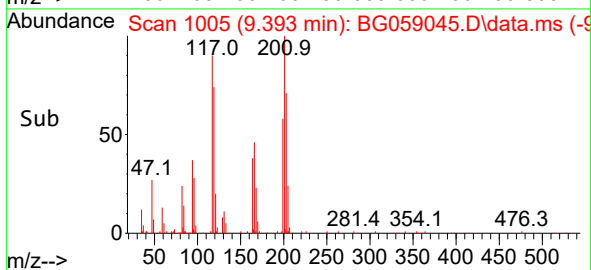
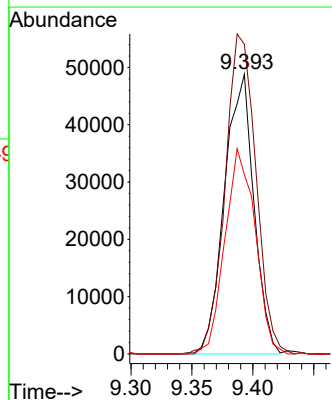
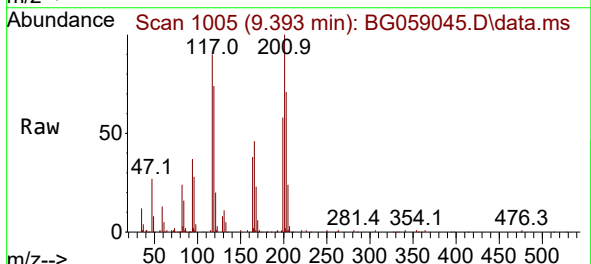
Instrument :
BNA_G
ClientSampleId :
SLCS407

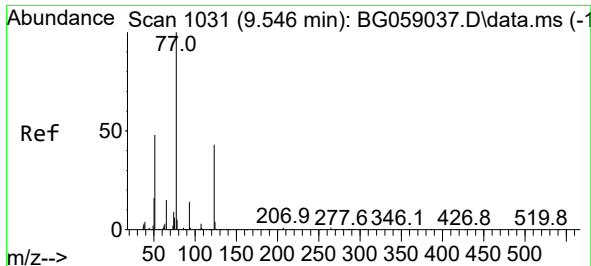
Tgt Ion:108 Resp: 272750
Ion Ratio Lower Upper
108 100
107 116.7 88.9 133.3



#19
Hexachloroethane
Concen: 32.109 ng/ul
RT: 9.393 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:117 Resp: 82070
Ion Ratio Lower Upper
117 100
201 110.8 108.2 162.4
199 64.1 56.0 84.0

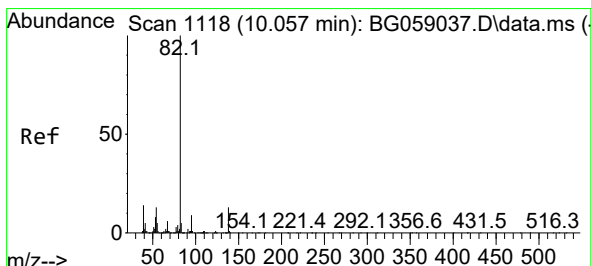
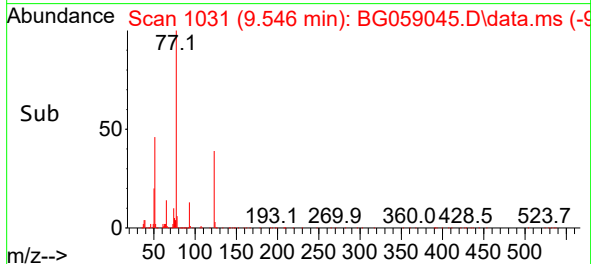
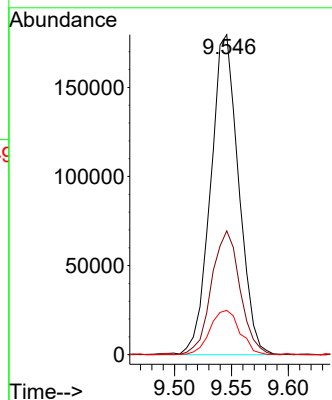
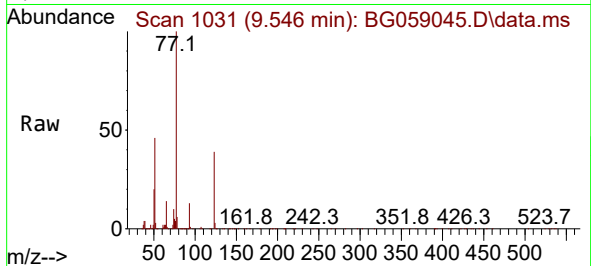




#22
Nitrobenzene
Concen: 31.896 ng/ul
RT: 9.546 min Scan# 1031
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

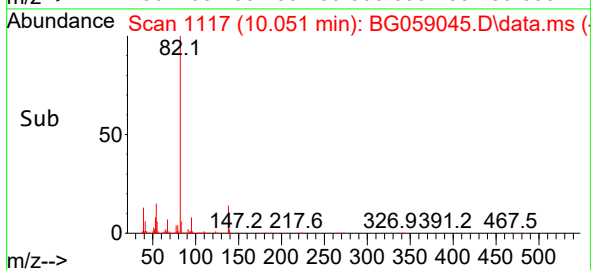
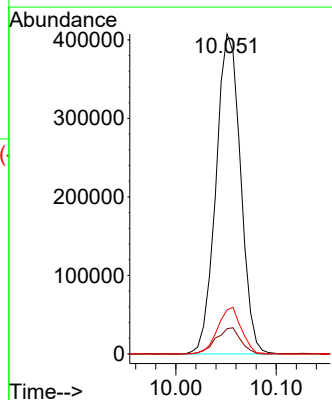
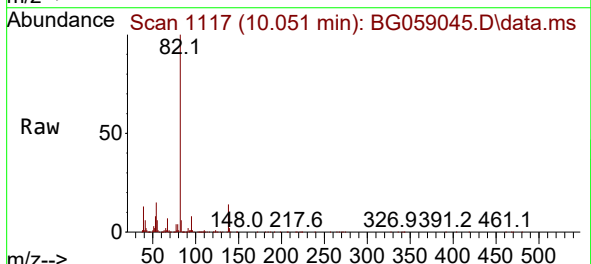
Instrument :
BNA_G
ClientSampleId :
SLCS407

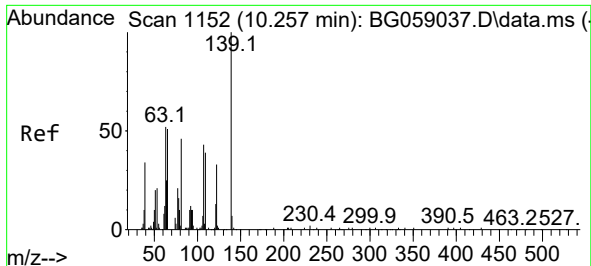
Tgt Ion: 77 Resp: 307061
Ion Ratio Lower Upper
77 100
123 38.7 28.5 42.7
65 13.9 11.5 17.3



#23
Isophorone
Concen: 33.943 ng/ul
RT: 10.051 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion: 82 Resp: 694117
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 13.7 10.4 15.6

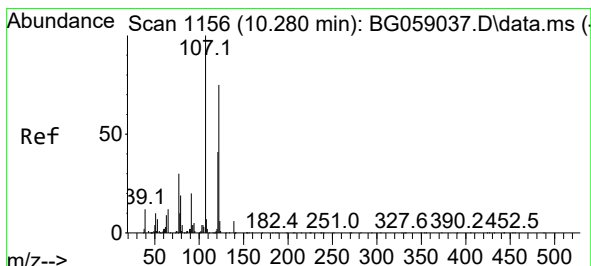
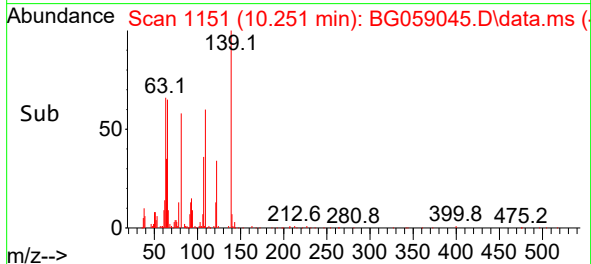
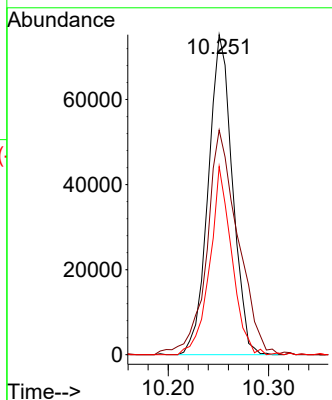
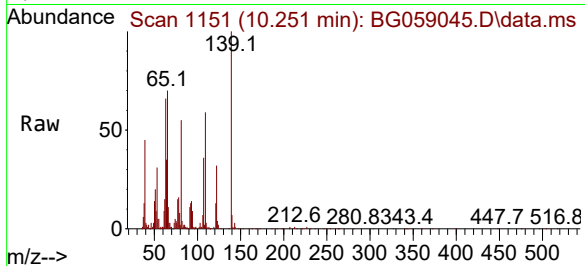




#25
2-Nitrophenol
Concen: 34.944 ng/ul
RT: 10.251 min Scan# 1151
Delta R.T. -0.011 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

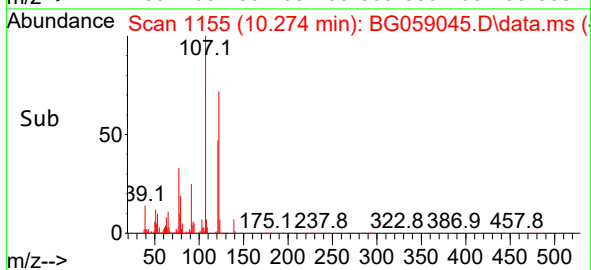
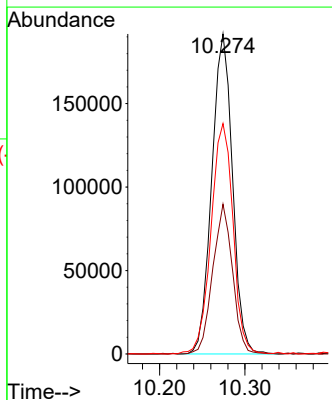
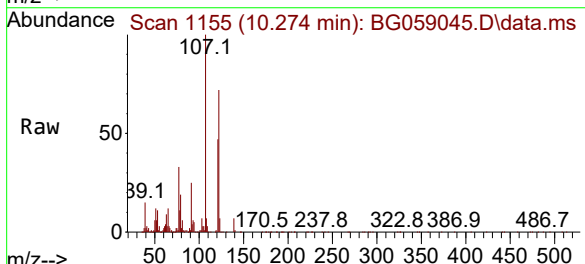
Instrument :
BNA_G
ClientSampleId :
SLCS407

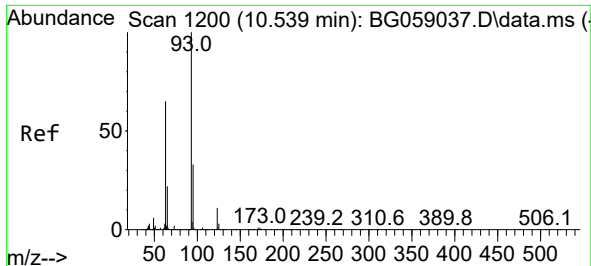
Tgt Ion:139 Resp: 125724
Ion Ratio Lower Upper
139 100
65 70.2 53.5 80.3
109 58.8 32.0 48.0#



#26
2,4-Dimethylphenol
Concen: 36.305 ng/ul
RT: 10.274 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:107 Resp: 323713
Ion Ratio Lower Upper
107 100
121 46.8 36.4 54.6
122 72.0 69.4 104.0

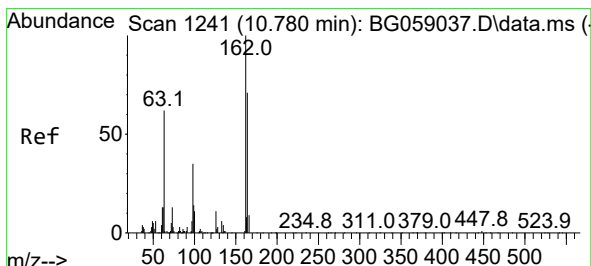
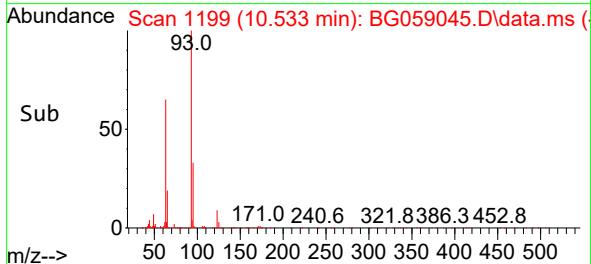
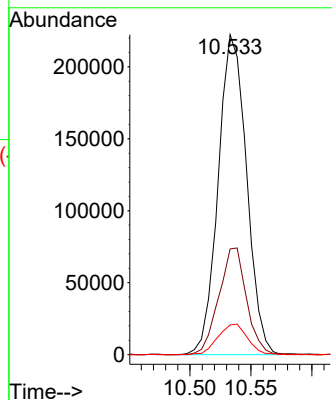
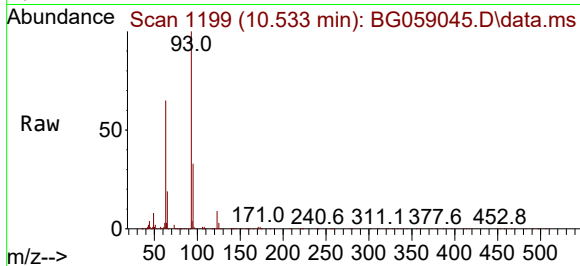




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.881 ng/ul
 RT: 10.533 min Scan# 1199
 Delta R.T. -0.011 min
 Lab File: BG059045.D
 Acq: 13 Sep 2023 18:02

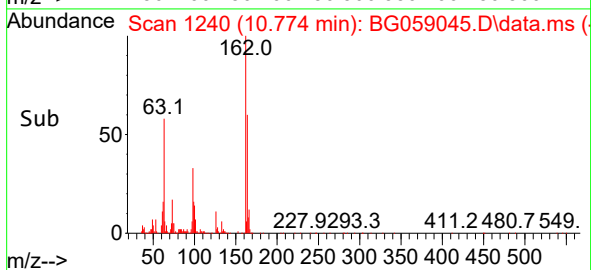
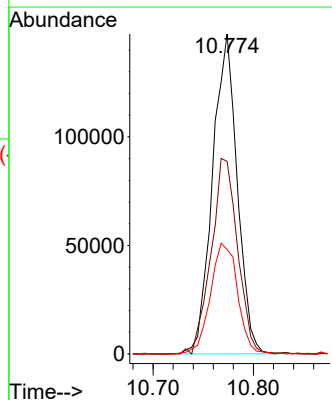
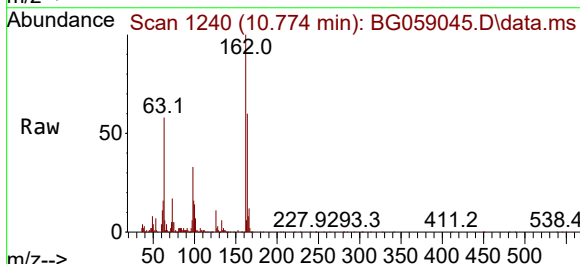
Instrument :
 BNA_G
 ClientSampleId :
 SLCS407

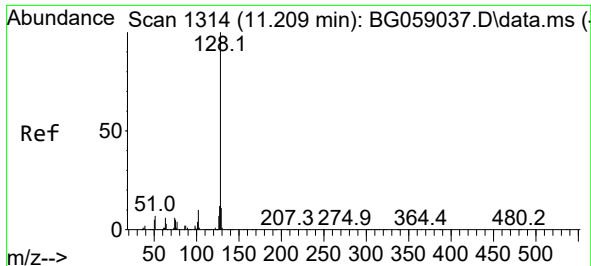
Tgt Ion:	93	Resp:	360380
Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.8	41.6
123	9.3	7.3	10.9



#29
 2,4-Dichlorophenol
 Concen: 35.448 ng/ul
 RT: 10.774 min Scan# 1240
 Delta R.T. -0.005 min
 Lab File: BG059045.D
 Acq: 13 Sep 2023 18:02

Tgt Ion:	162	Resp:	251824
Ion	Ratio	Lower	Upper
162	100		
164	60.2	51.4	77.0
98	32.6	27.2	40.8

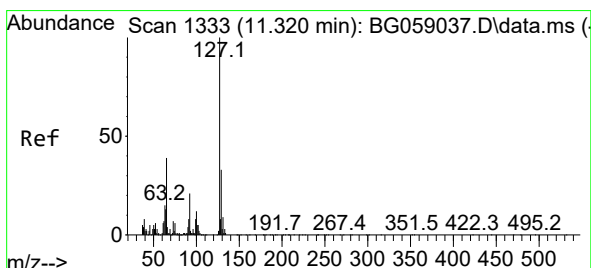
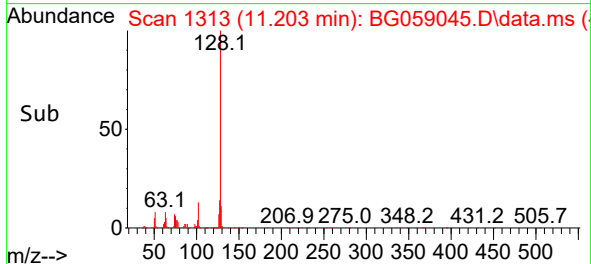
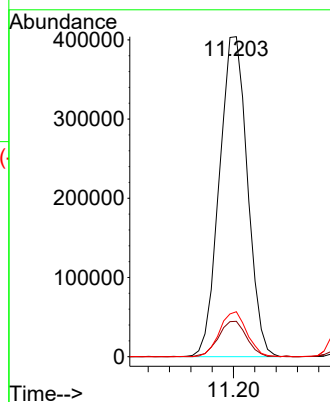
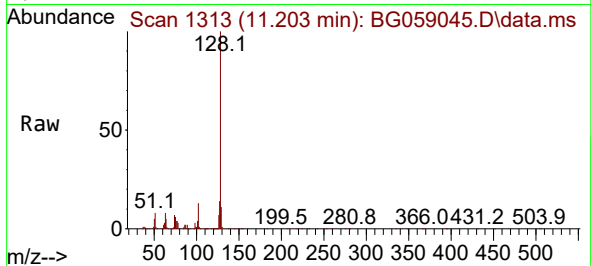




#30
Naphthalene
Concen: 31.632 ng/ul
RT: 11.203 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

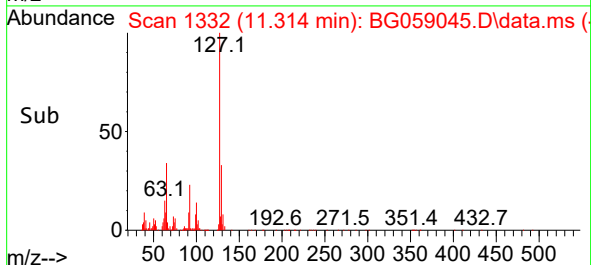
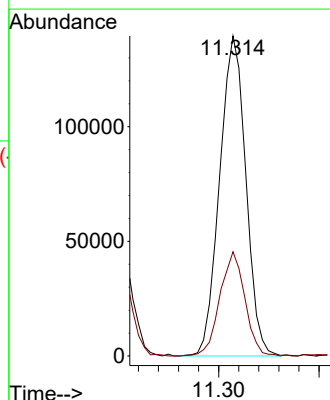
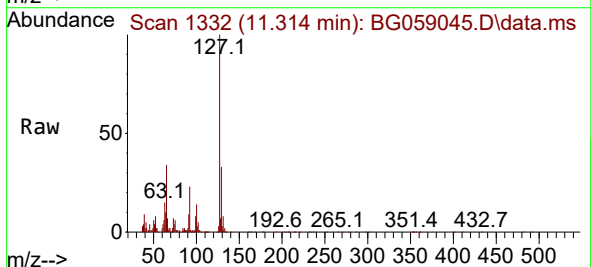
Instrument :
BNA_G
ClientSampleId :
SLCS407

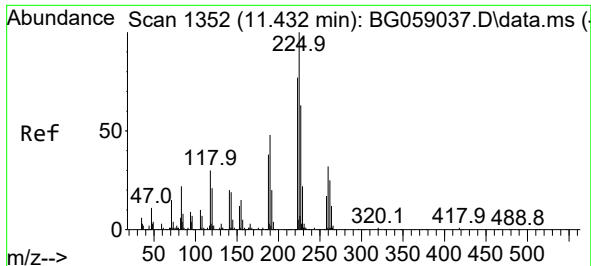
Tgt Ion:128 Resp: 739194
Ion Ratio Lower Upper
128 100
129 11.0 8.2 12.2
127 14.1 10.9 16.3



#32
4-Chloroaniline
Concen: 26.133 ng/ul
RT: 11.314 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:127 Resp: 253018
Ion Ratio Lower Upper
127 100
129 32.6 26.6 39.8

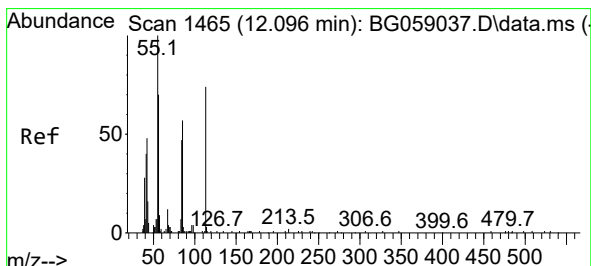
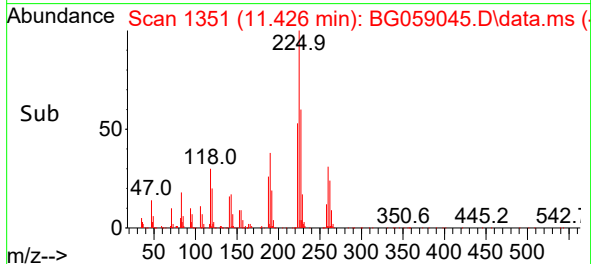
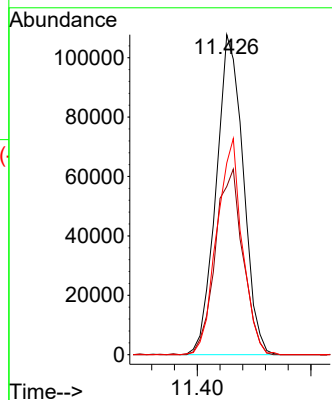
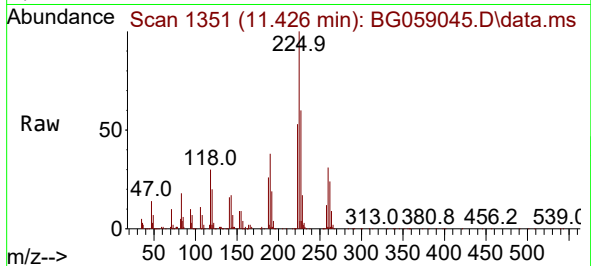




#33
Hexachlorobutadiene
Concen: 32.039 ng/ul
RT: 11.426 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

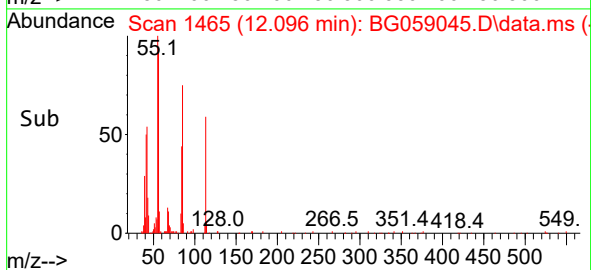
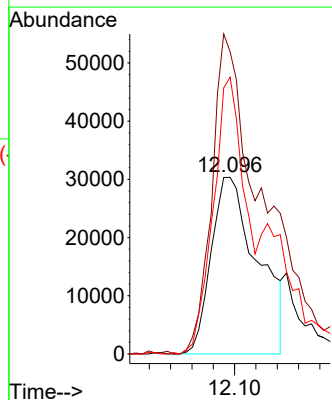
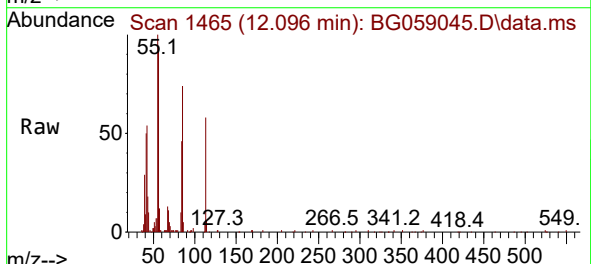
Instrument :
BNA_G
ClientSampleId :
SLCS407

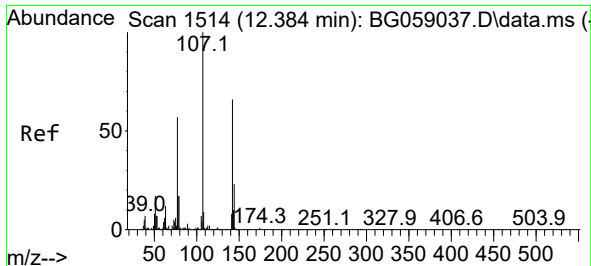
Tgt Ion:225 Resp: 178086
Ion Ratio Lower Upper
225 100
223 52.5 45.5 68.3
227 59.9 50.2 75.4



#34
Caprolactam
Concen: 36.245 ng/ul
RT: 12.096 min Scan# 1465
Delta R.T. 0.001 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:113 Resp: 91381
Ion Ratio Lower Upper
113 100
55 171.1 140.5 210.7
56 156.7 90.4 135.6#

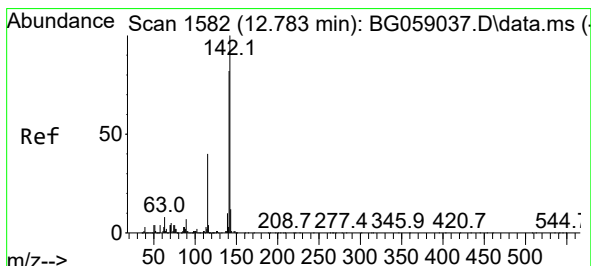
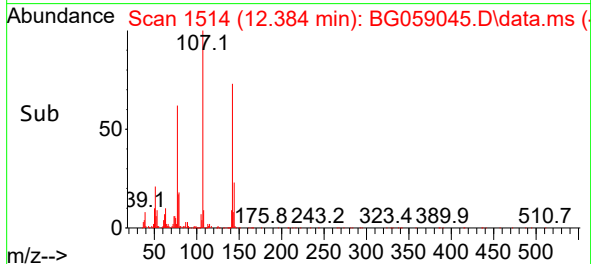
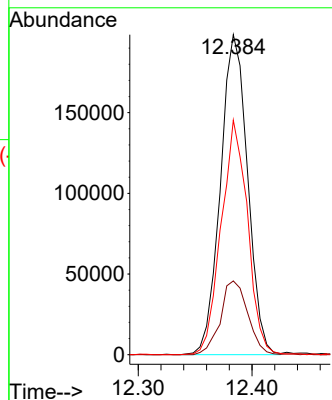
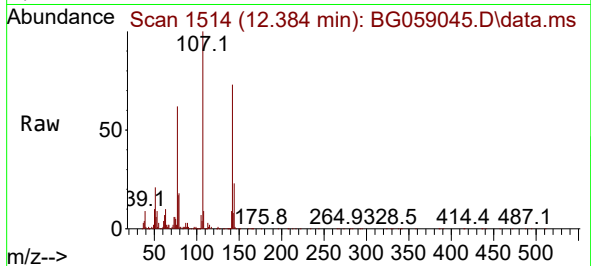




#35
4-Chloro-3-methylphenol
Concen: 37.707 ng/ul
RT: 12.384 min Scan# 1514
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

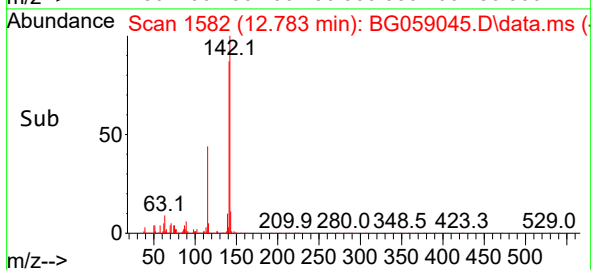
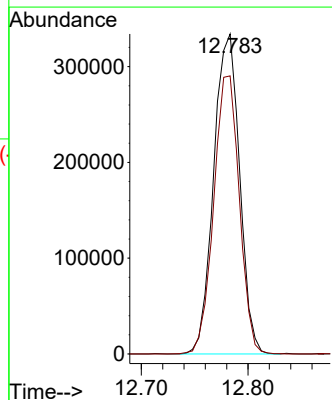
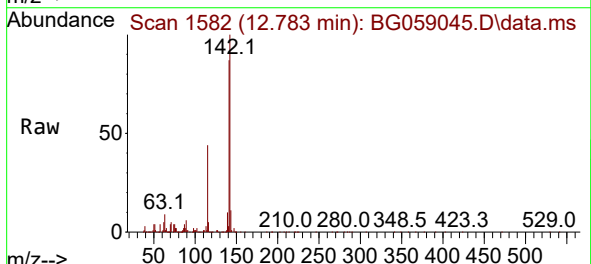
Instrument :
BNA_G
ClientSampleId :
SLCS407

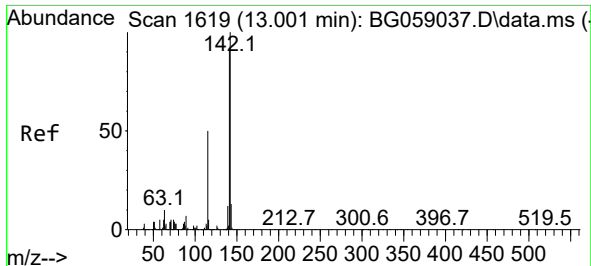
Tgt Ion:107 Resp: 329120
Ion Ratio Lower Upper
107 100
144 23.1 20.2 30.2
142 73.3 51.6 77.4



#36
2-Methylnaphthalene
Concen: 32.317 ng/ul
RT: 12.783 min Scan# 1582
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:142 Resp: 563528
Ion Ratio Lower Upper
142 100
141 86.9 65.7 98.5





#37

1-Methylnaphthalene

Concen: 32.668 ng/ul

RT: 12.995 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

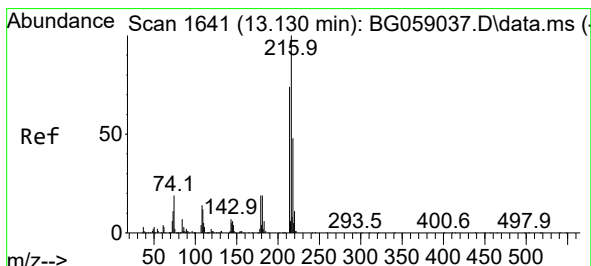
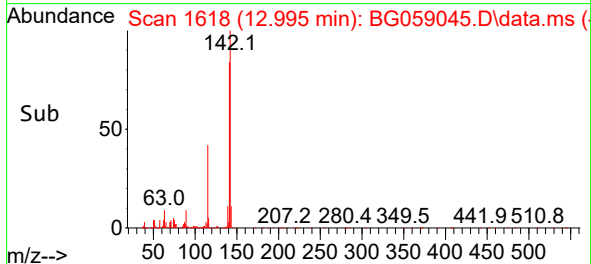
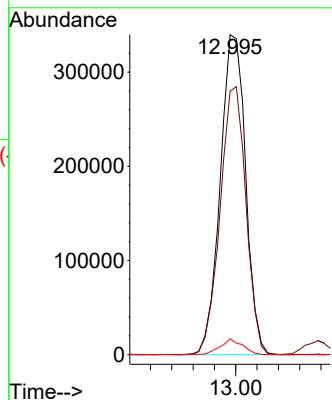
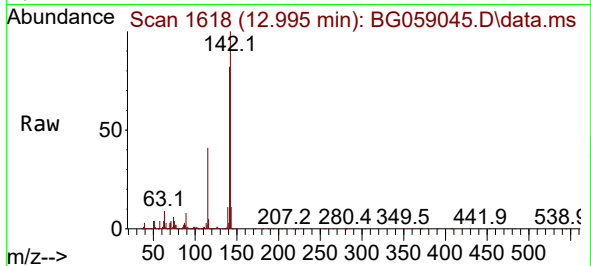
Tgt Ion:142 Resp: 561879

Ion Ratio Lower Upper

142 100

141 82.4 73.1 109.7

116 5.0 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.042 ng/ul

RT: 13.124 min Scan# 1640

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Tgt Ion:216 Resp: 349438

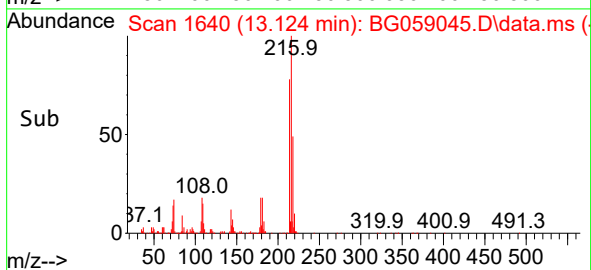
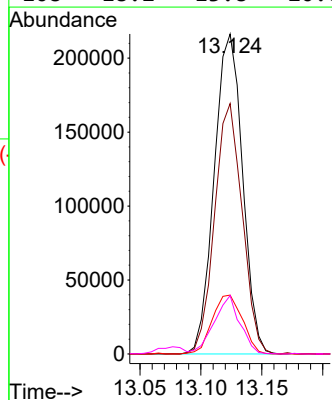
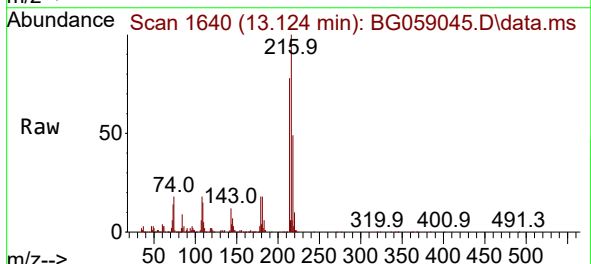
Ion Ratio Lower Upper

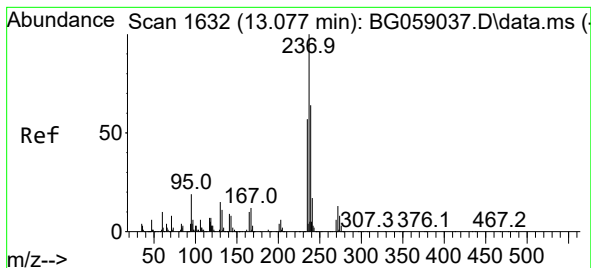
216 100

214 78.2 59.6 89.4

179 18.4 13.6 20.4

108 18.2 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 28.561 ng/ul

RT: 13.077 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

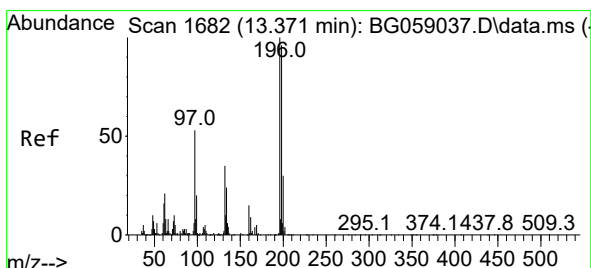
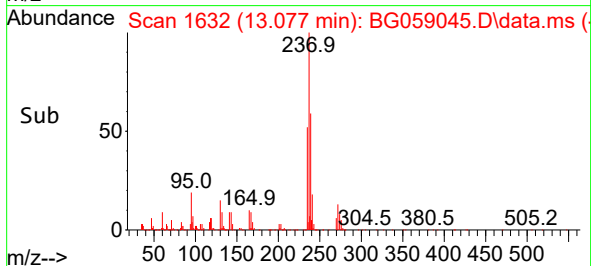
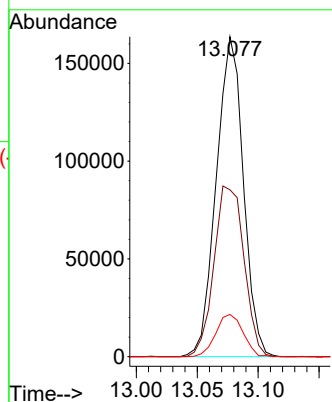
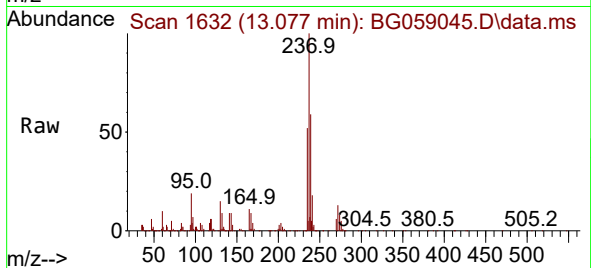
Tgt Ion:237 Resp: 252862

Ion Ratio Lower Upper

237 100

235 52.1 52.6 78.8#

272 13.2 8.6 13.0#



#41

2,4,6-Trichlorophenol

Concen: 31.105 ng/ul

RT: 13.365 min Scan# 1681

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

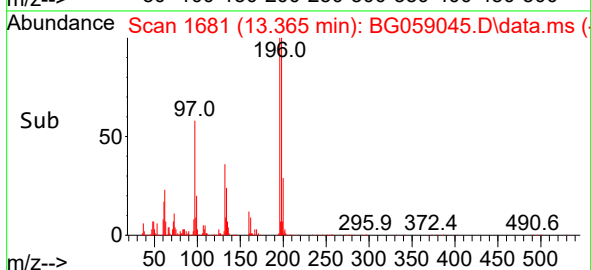
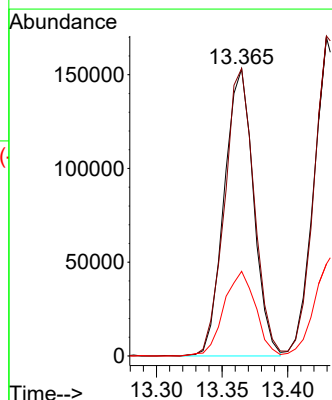
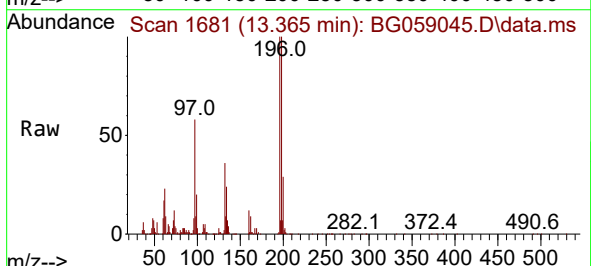
Tgt Ion:196 Resp: 237600

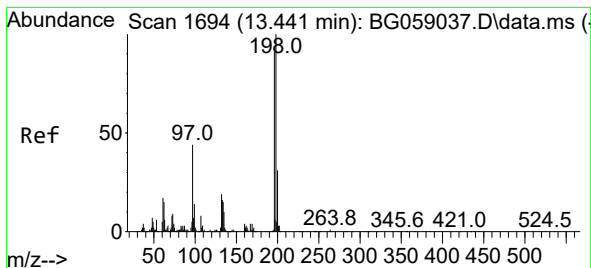
Ion Ratio Lower Upper

196 100

198 100.2 78.3 117.5

200 29.5 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 32.405 ng/ul

RT: 13.429 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

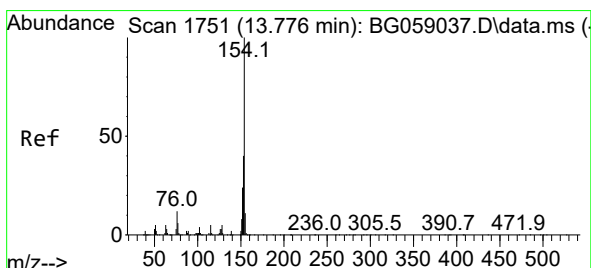
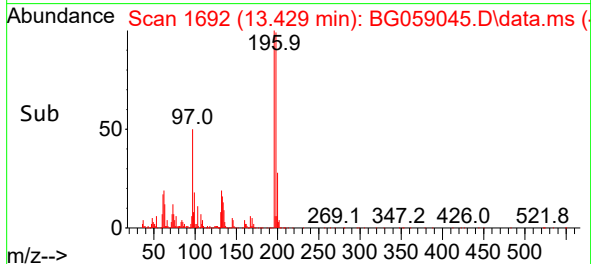
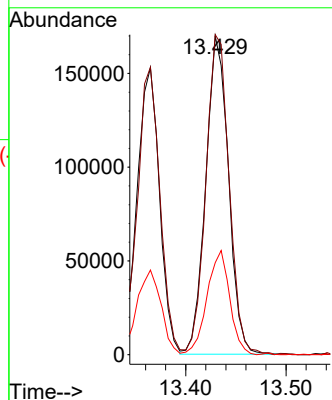
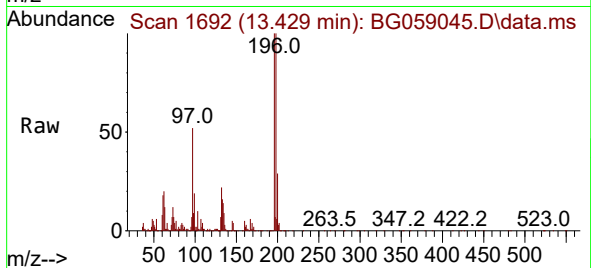
Tgt Ion:196 Resp: 267977

Ion Ratio Lower Upper

196 100

198 100.5 84.8 127.2

200 28.9 27.7 41.5



#43

1,1'-Biphenyl

Concen: 30.413 ng/ul

RT: 13.770 min Scan# 1750

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

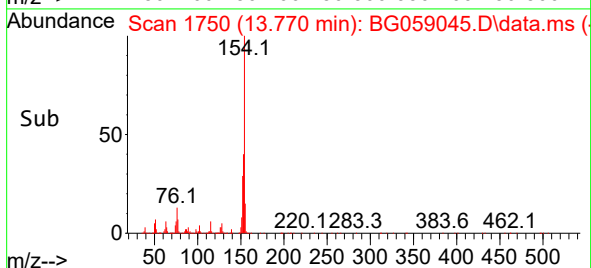
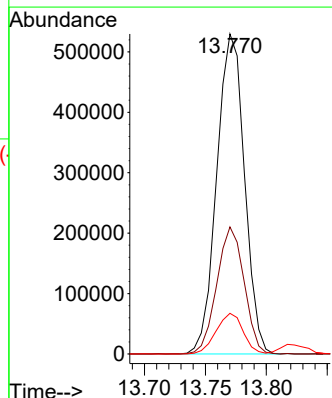
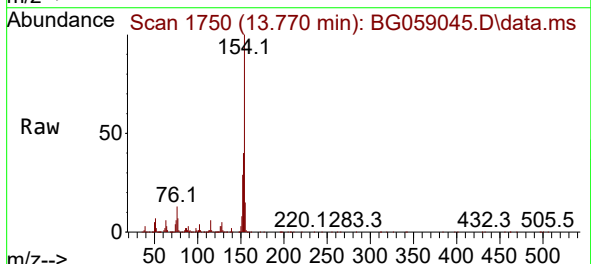
Tgt Ion:154 Resp: 837999

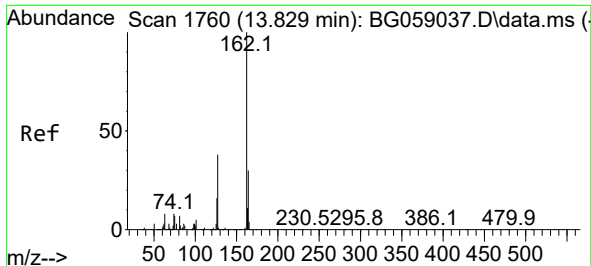
Ion Ratio Lower Upper

154 100

153 39.7 31.6 47.4

76 12.7 9.0 13.4

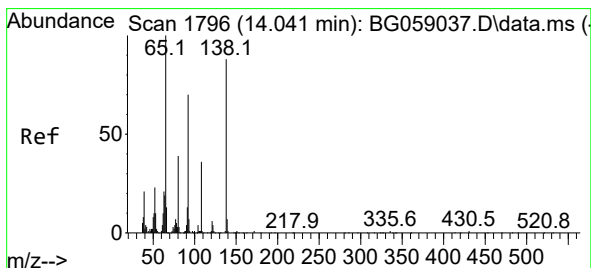
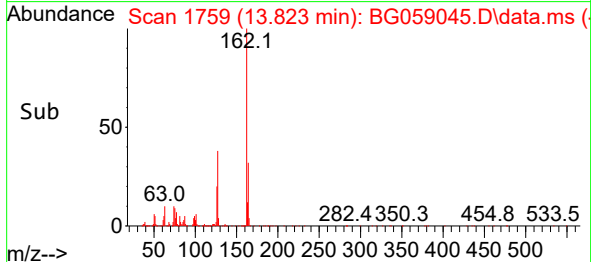
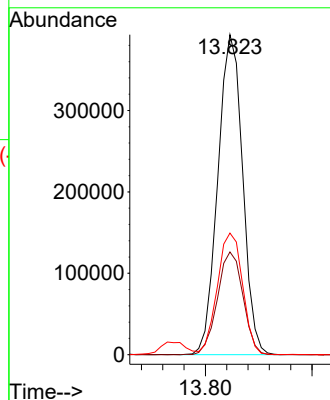
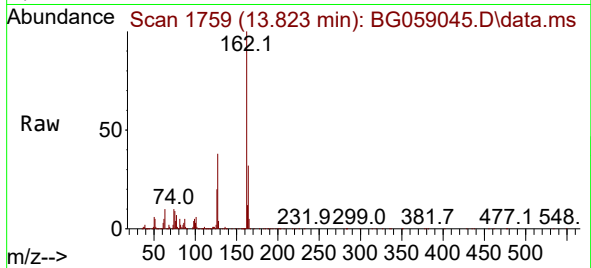




#44
2-Chloronaphthalene
Concen: 30.128 ng/ul
RT: 13.823 min Scan# 1759
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

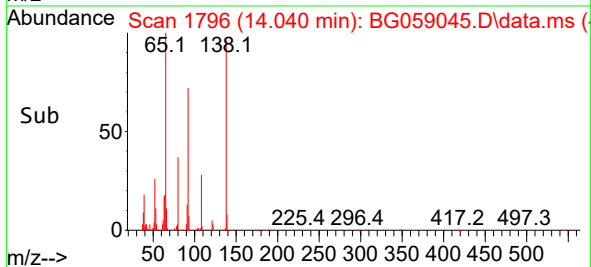
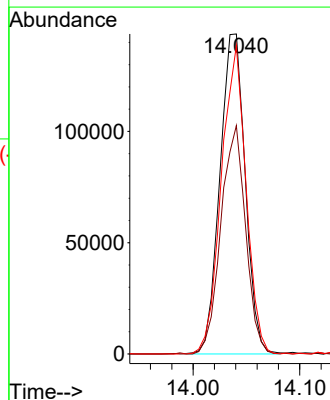
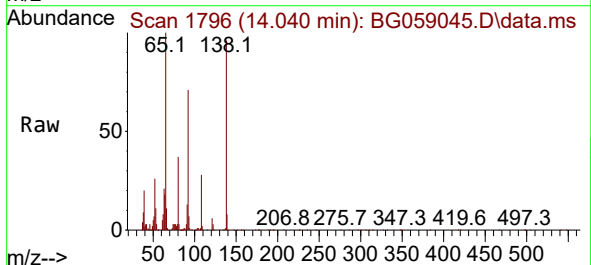
Instrument :
BNA_G
ClientSampleId :
SLCS407

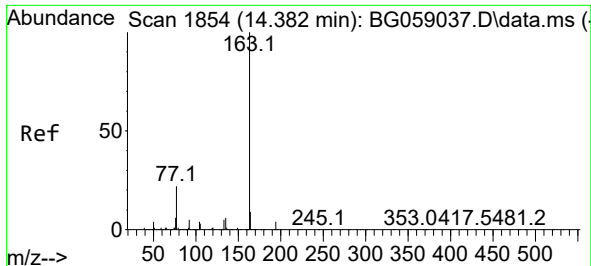
Tgt Ion:162 Resp: 634015
Ion Ratio Lower Upper
162 100
164 32.1 27.6 41.4
127 38.0 29.4 44.0



#45
2-Nitroaniline
Concen: 36.718 ng/ul
RT: 14.040 min Scan# 1796
Delta R.T. 0.001 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion: 65 Resp: 236983
Ion Ratio Lower Upper
65 100
92 71.3 54.0 81.0
138 96.4 64.8 97.2

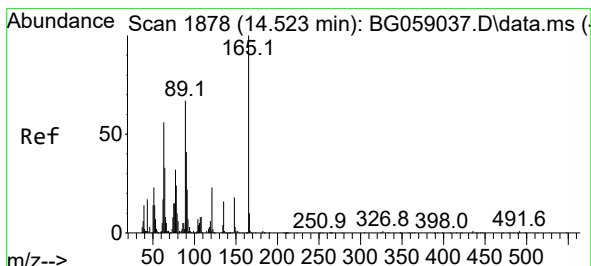
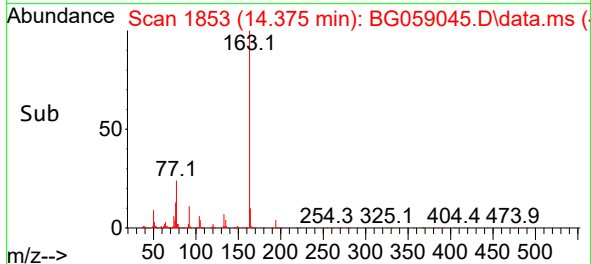
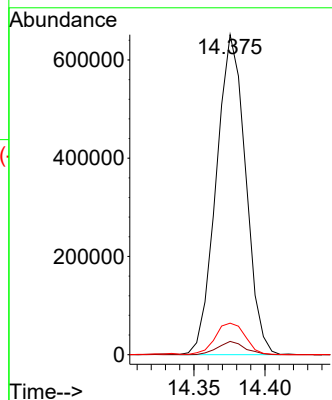
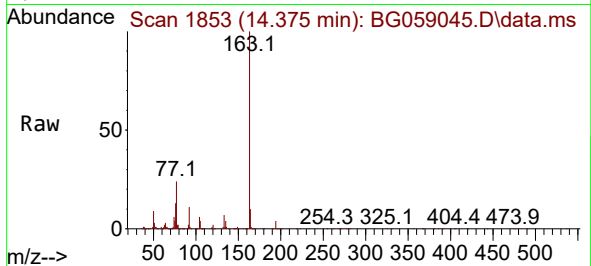




#47
Dimethylphthalate
Concen: 34.638 ng/ul
RT: 14.375 min Scan# 1853
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

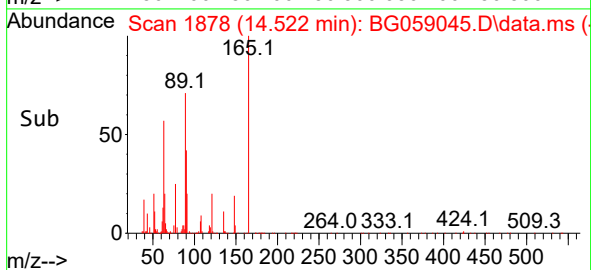
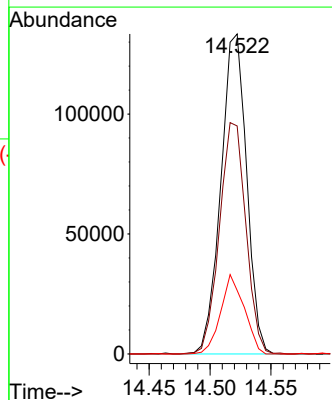
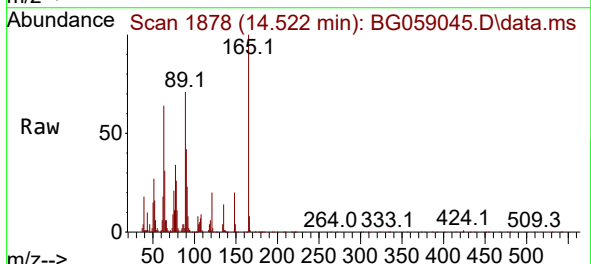
Instrument :
BNA_G
ClientSampleId :
SLCS407

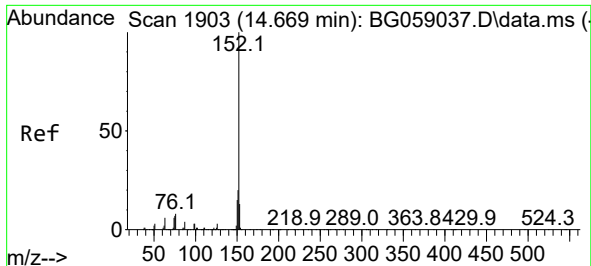
Tgt Ion:163 Resp: 936431
Ion Ratio Lower Upper
163 100
194 4.2 2.8 4.2
164 9.9 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 38.200 ng/ul
RT: 14.522 min Scan# 1878
Delta R.T. 0.001 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:165 Resp: 196444
Ion Ratio Lower Upper
165 100
89 71.2 55.8 83.6
121 19.8 16.3 24.5

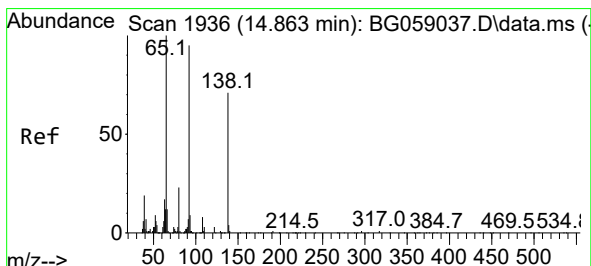
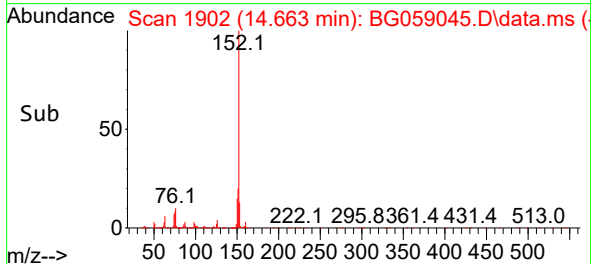
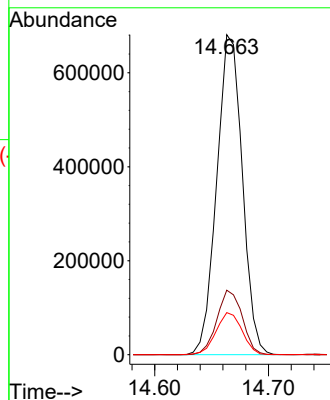
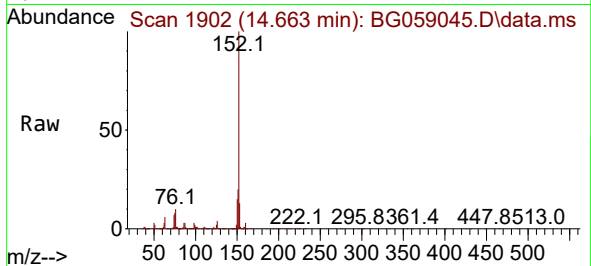




#50
Acenaphthylene
Concen: 30.648 ng/ul
RT: 14.663 min Scan# 1902
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

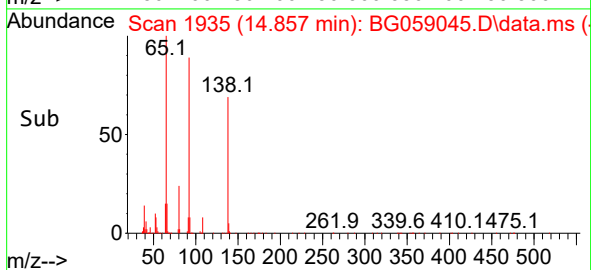
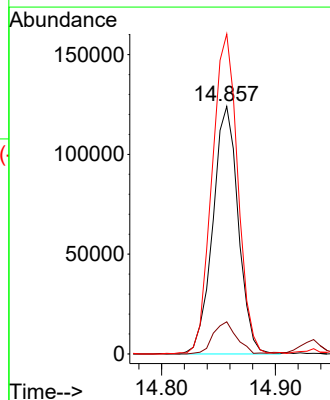
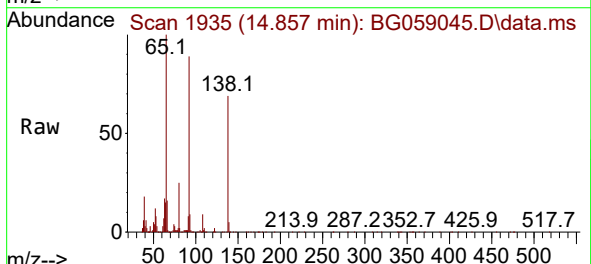
Instrument :
BNA_G
ClientSampleId :
SLCS407

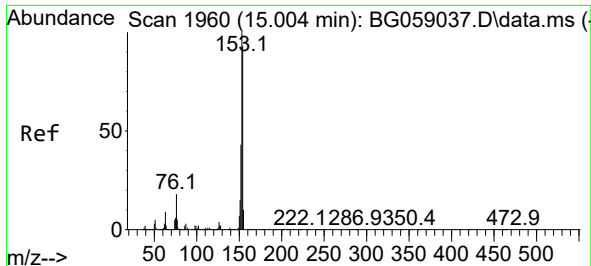
Tgt Ion:152 Resp: 1063858
Ion Ratio Lower Upper
152 100
151 20.1 14.6 21.8
153 13.2 10.4 15.6



#51
3-Nitroaniline
Concen: 39.042 ng/ul
RT: 14.857 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:138 Resp: 192673
Ion Ratio Lower Upper
138 100
108 13.0 11.8 17.6
92 129.3 122.2 183.2

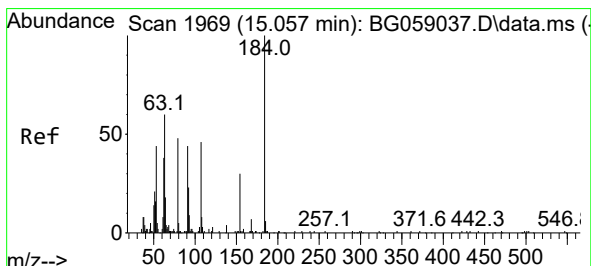
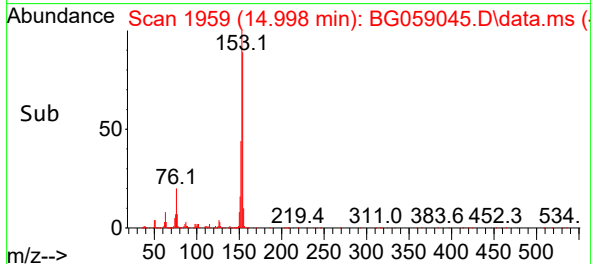
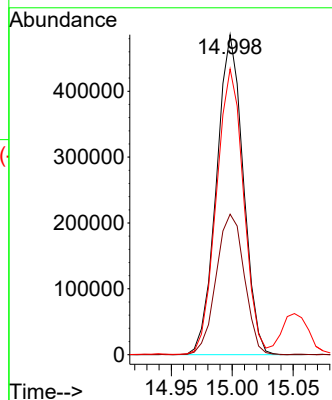
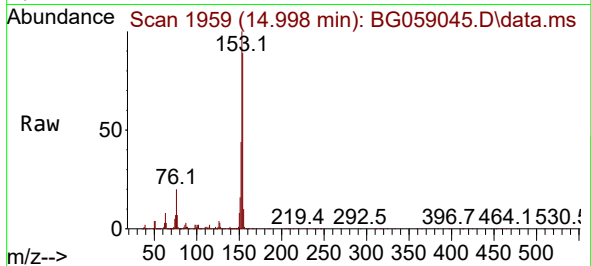




#52
Acenaphthene
Concen: 31.865 ng/ul
RT: 14.998 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

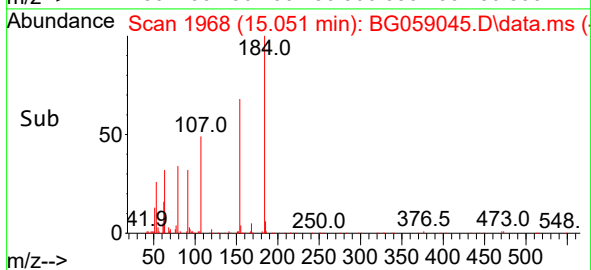
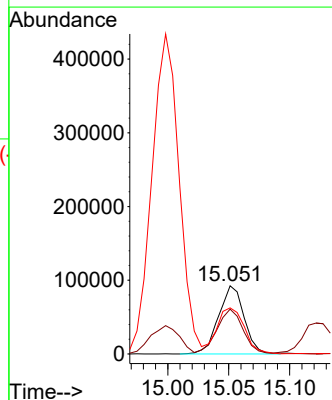
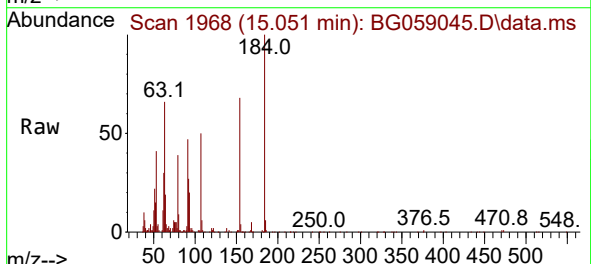
Instrument :
BNA_G
ClientSampleId :
SLCS407

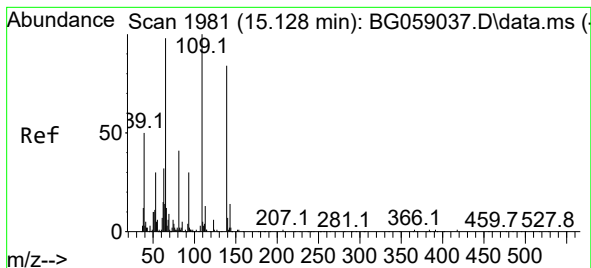
Tgt Ion:153 Resp: 742263
Ion Ratio Lower Upper
153 100
152 43.9 36.5 54.7
154 89.3 74.1 111.1



#53
2,4-Dinitrophenol
Concen: 40.590 ng/ul
RT: 15.051 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:184 Resp: 134542
Ion Ratio Lower Upper
184 100
63 65.9 57.7 86.5
154 67.7 60.7 91.1

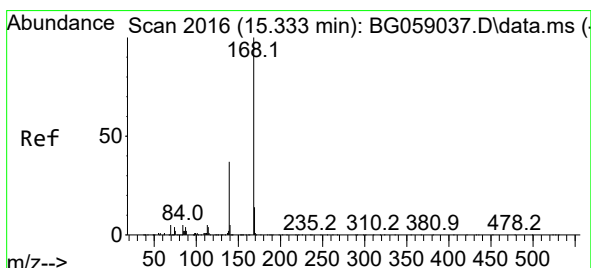
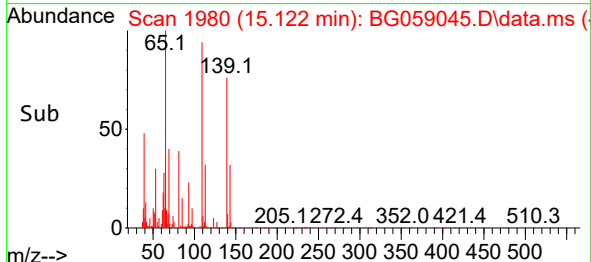
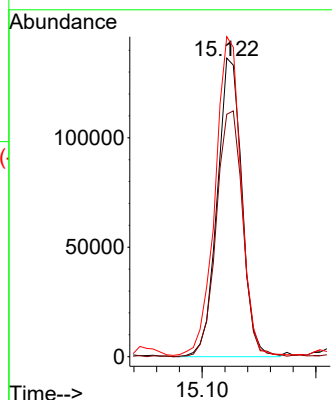
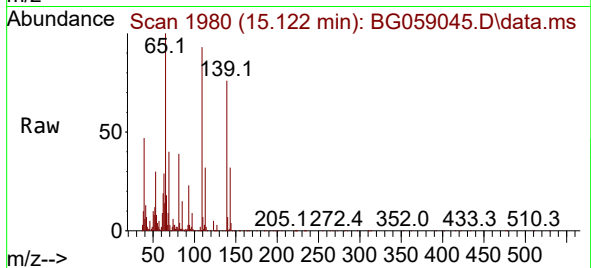




#55
4-Nitrophenol
Concen: 36.758 ng/ul
RT: 15.122 min Scan# 1981
Delta R.T. 0.001 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

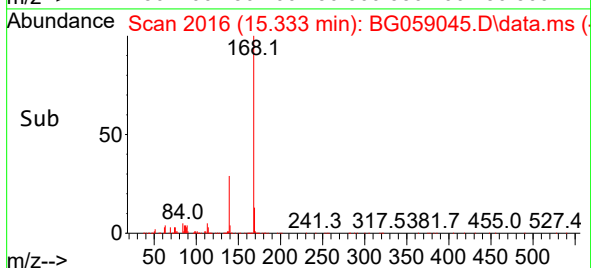
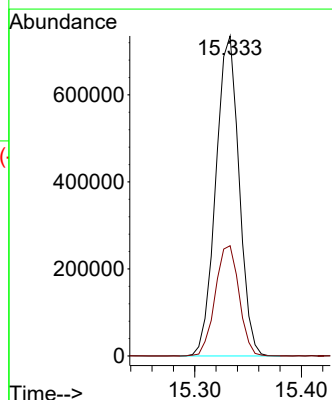
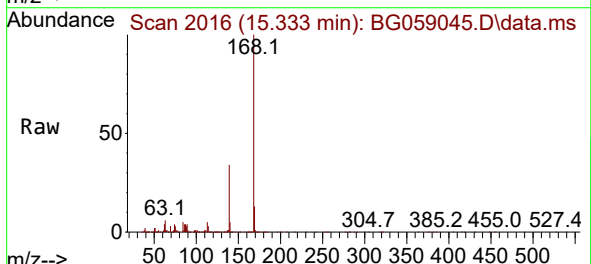
Instrument :
BNA_G
ClientSampleId :
SLCS407

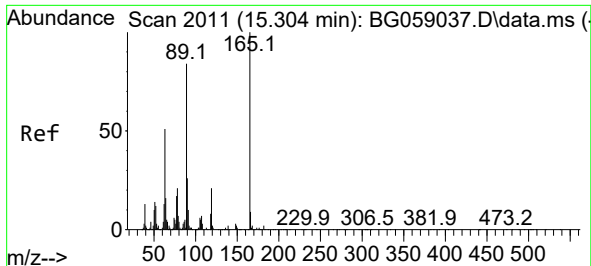
Tgt Ion:109 Resp: 205979
Ion Ratio Lower Upper
109 100
139 81.2 74.3 111.5
65 107.2 93.4 140.0



#56
Dibenzofuran
Concen: 32.974 ng/ul
RT: 15.333 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:168 Resp: 1112545
Ion Ratio Lower Upper
168 100
139 34.4 27.4 41.2





#57

2,4-Dinitrotoluene

Concen: 41.364 ng/ul

RT: 15.298 min Scan# 2011

Delta R.T. 0.001 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

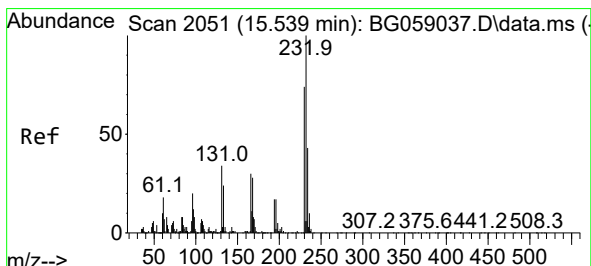
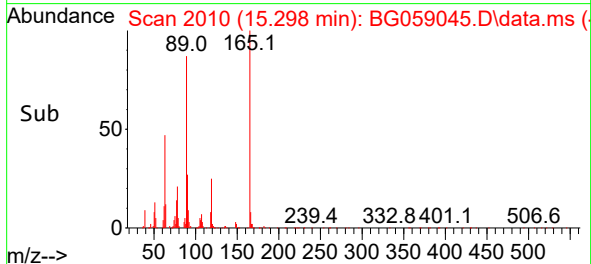
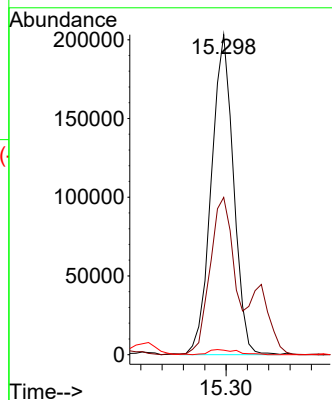
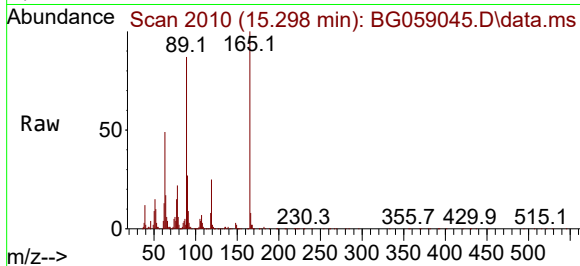
Tgt Ion:165 Resp: 293516

Ion Ratio Lower Upper

165 100

63 49.2 33.3 49.9

182 1.4 1.4 2.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.737 ng/ul

RT: 15.533 min Scan# 2050

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Tgt Ion:232 Resp: 274392

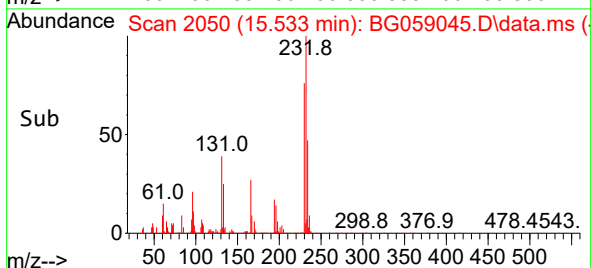
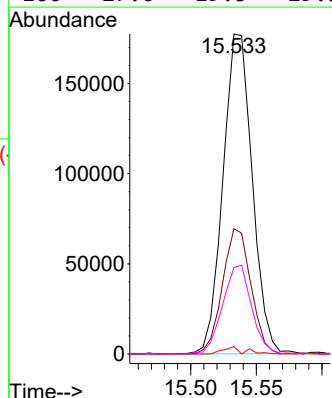
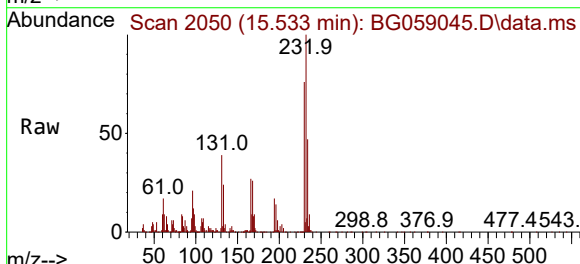
Ion Ratio Lower Upper

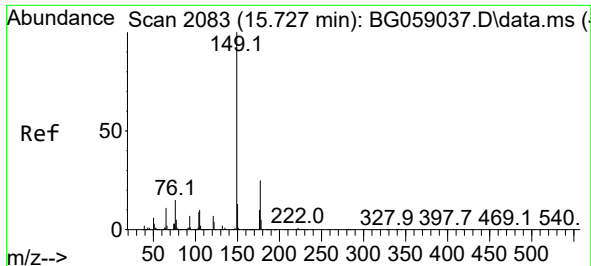
232 100

131 39.1 27.1 40.7

130 2.3 0.7 1.1#

166 27.0 19.5 29.3

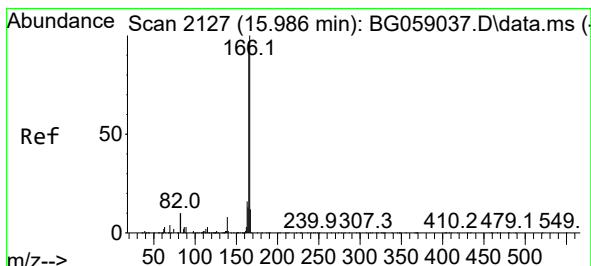
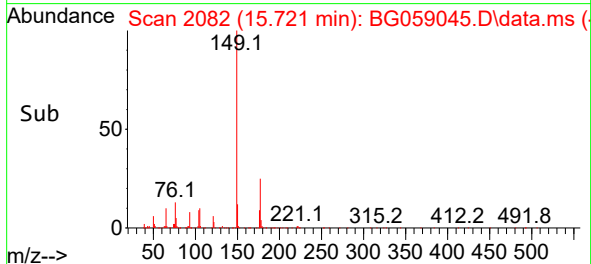
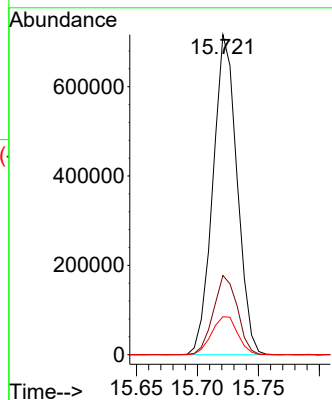
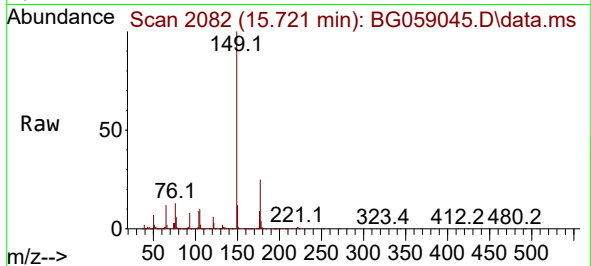




#59
Diethylphthalate
Concen: 37.008 ng/ul
RT: 15.721 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

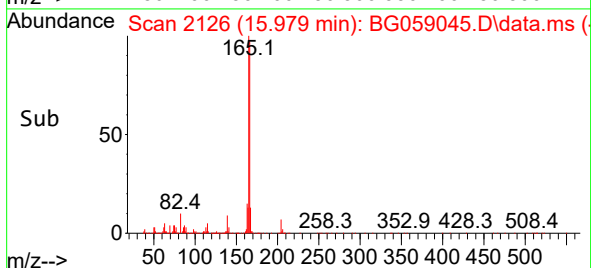
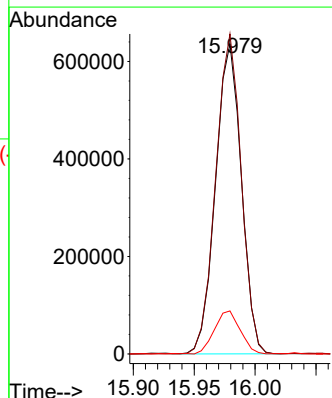
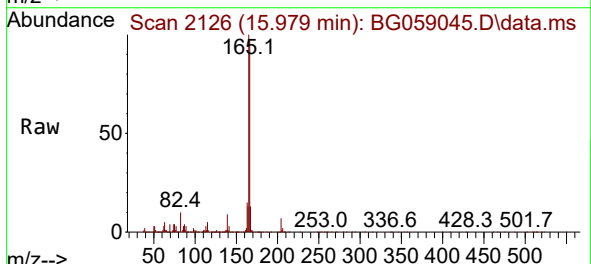
Instrument :
BNA_G
ClientSampleId :
SLCS407

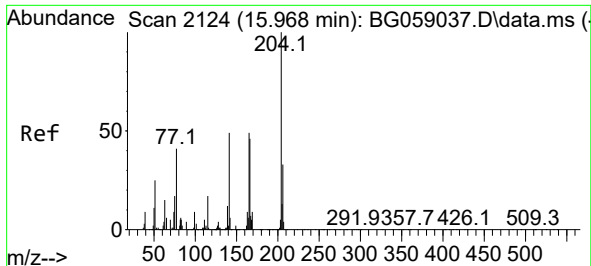
Tgt Ion:149 Resp: 986375
Ion Ratio Lower Upper
149 100
177 24.8 16.9 25.3
150 11.9 9.7 14.5



#61
Fluorene
Concen: 33.750 ng/ul
RT: 15.979 min Scan# 2126
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:166 Resp: 935911
Ion Ratio Lower Upper
166 100
165 103.2 76.4 114.6
167 13.9 9.3 13.9

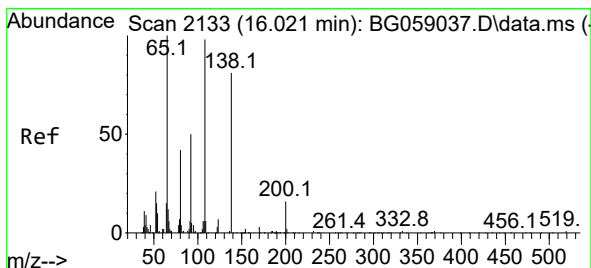
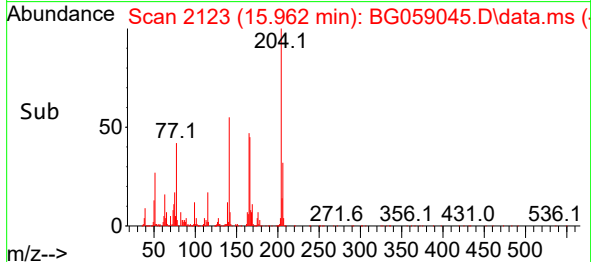
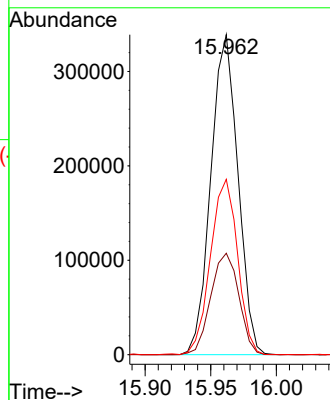
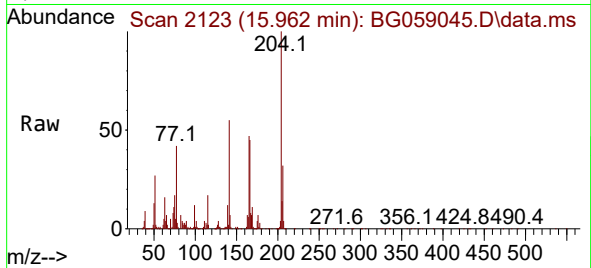




#62
4-Chlorophenyl-phenylether
Concen: 33.128 ng/ul
RT: 15.962 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

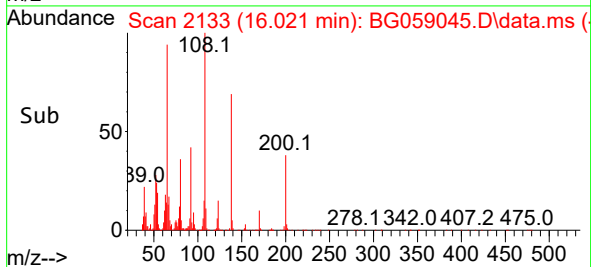
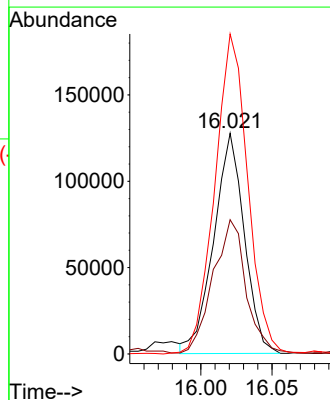
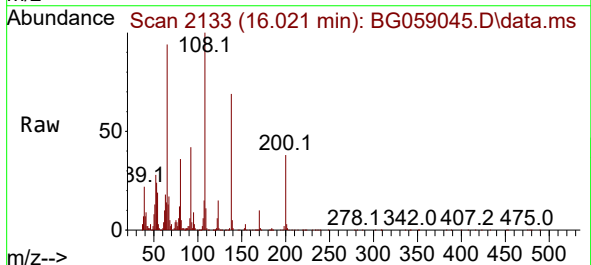
Instrument :
BNA_G
ClientSampleId :
SLCS407

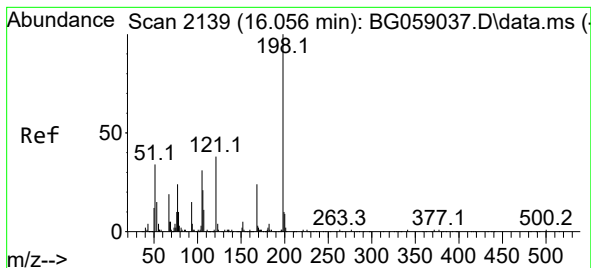
Tgt Ion:204 Resp: 486101
Ion Ratio Lower Upper
204 100
206 31.7 27.7 41.5
141 54.8 43.2 64.8



#63
4-Nitroaniline
Concen: 40.697 ng/ul
RT: 16.021 min Scan# 2133
Delta R.T. 0.001 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:138 Resp: 190346
Ion Ratio Lower Upper
138 100
92 60.8 49.9 74.9
108 145.0 121.4 182.2

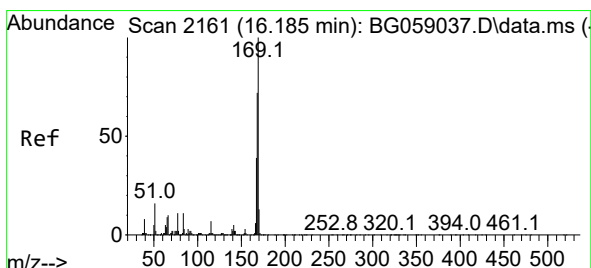
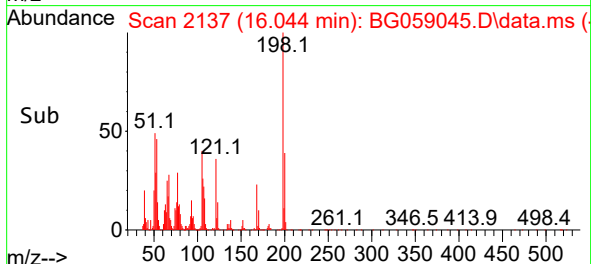
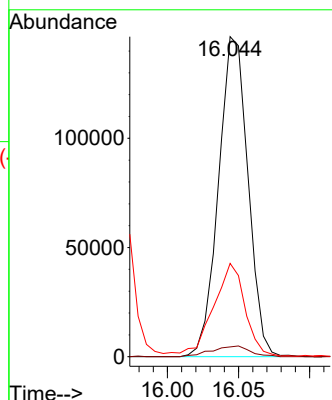
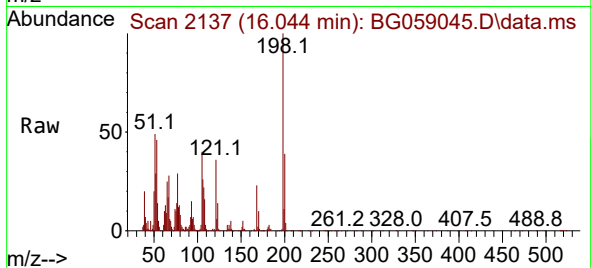




#66
4,6-Dinitro-2-methylphenol
Concen: 39.164 ng/ul
RT: 16.044 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

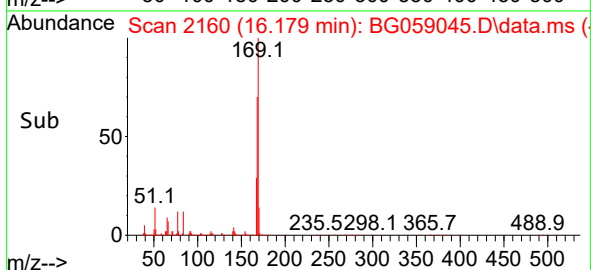
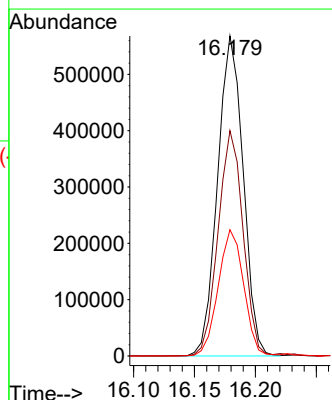
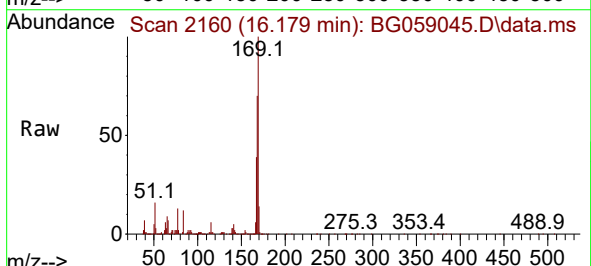
Instrument :
BNA_G
ClientSampleId :
SLCS407

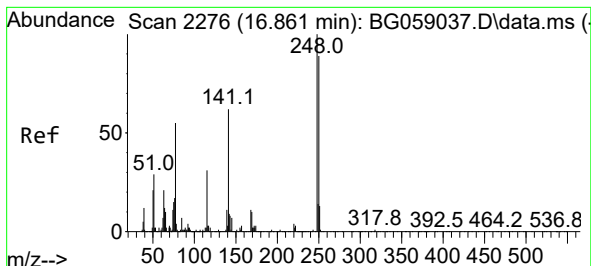
Tgt Ion:198 Resp: 211398
Ion Ratio Lower Upper
198 100
182 3.1 3.0 4.6
77 29.2 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 31.279 ng/ul
RT: 16.179 min Scan# 2160
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:169 Resp: 830673
Ion Ratio Lower Upper
169 100
168 70.4 53.0 79.6
167 39.4 29.8 44.6

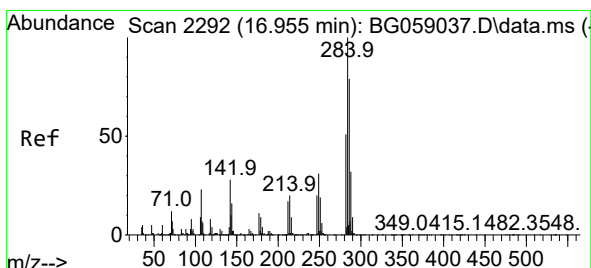
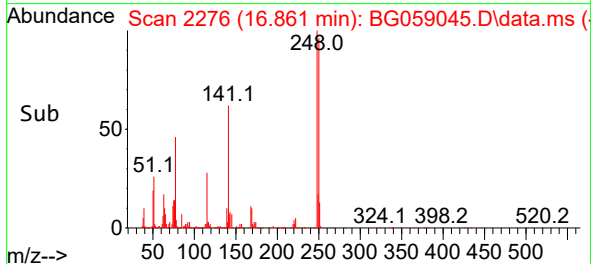
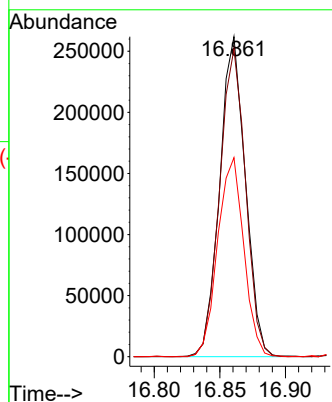
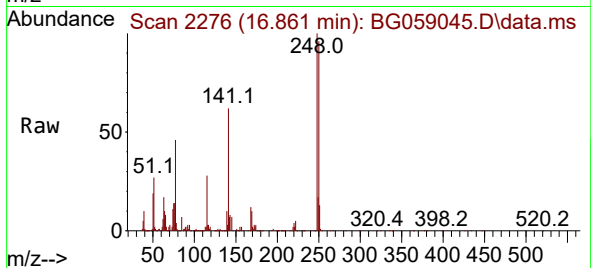




#68
4-Bromophenyl-phenylether
Concen: 32.253 ng/ul
RT: 16.861 min Scan# 2276
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

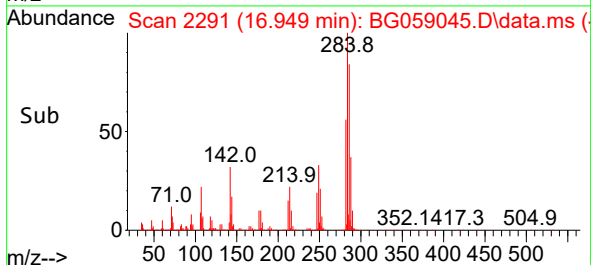
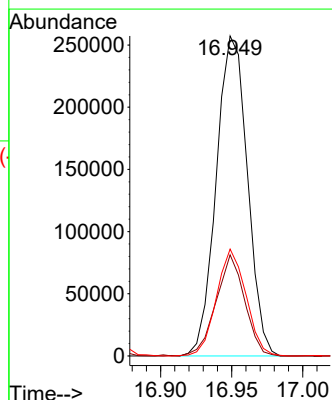
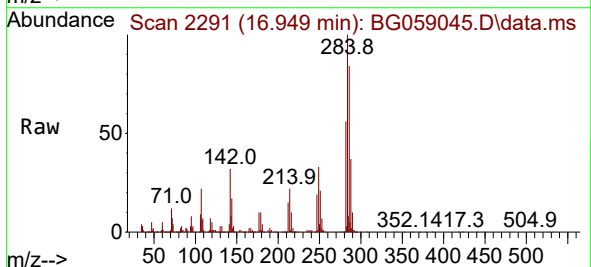
Instrument :
BNA_G
ClientSampleId :
SLCS407

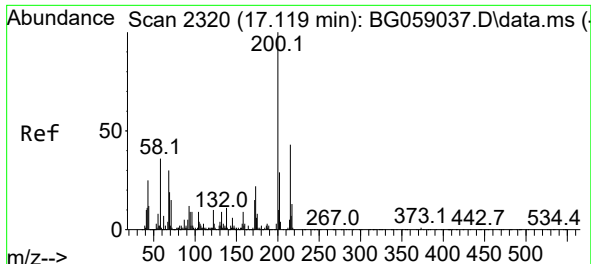
Tgt Ion:248 Resp: 356486
Ion Ratio Lower Upper
248 100
250 96.2 73.9 110.9
141 62.2 45.4 68.0



#69
Hexachlorobenzene
Concen: 30.939 ng/ul
RT: 16.949 min Scan# 2291
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:284 Resp: 392576
Ion Ratio Lower Upper
284 100
142 31.6 24.6 37.0
249 33.4 24.3 36.5

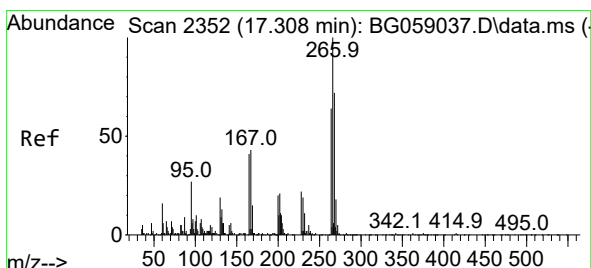
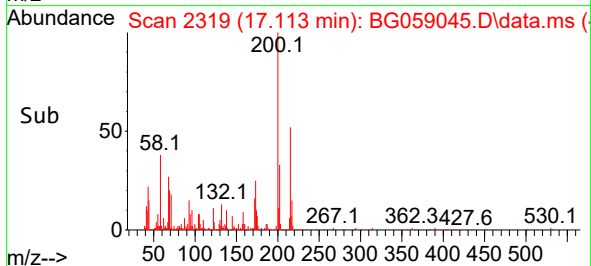
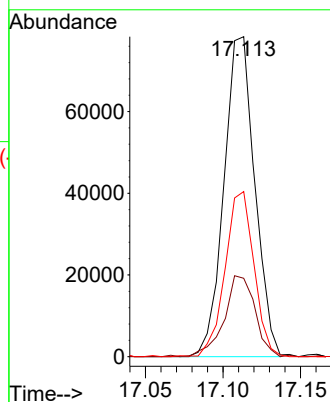
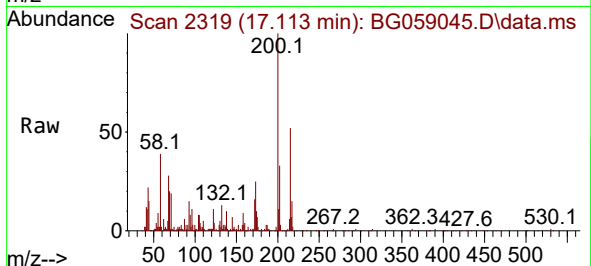




#70
 Atrazine
 Concen: 10.419 ng/ul
 RT: 17.113 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG059045.D
 Acq: 13 Sep 2023 18:02

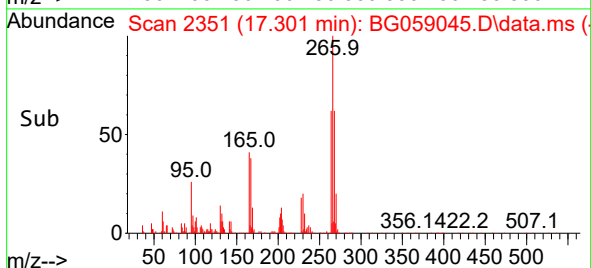
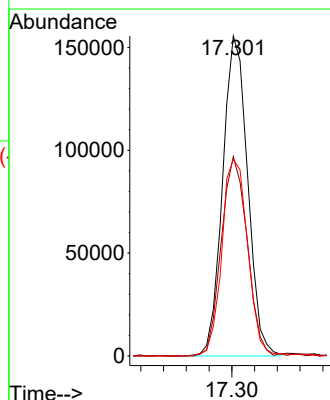
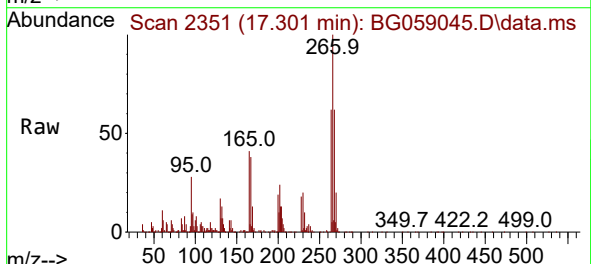
Instrument :
 BNA_G
 ClientSampleId :
 SLCS407

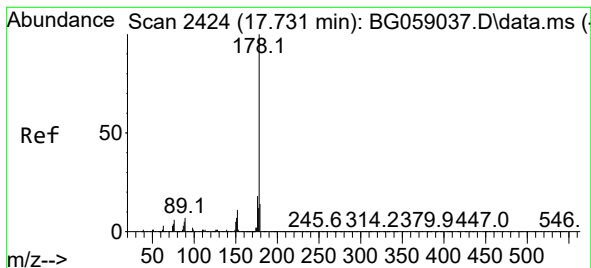
Tgt Ion:200 Resp: 108287
 Ion Ratio Lower Upper
 200 100
 173 24.5 17.4 26.2
 215 51.6 35.4 53.0



#71
 Pentachlorophenol
 Concen: 30.371 ng/ul
 RT: 17.301 min Scan# 2351
 Delta R.T. -0.005 min
 Lab File: BG059045.D
 Acq: 13 Sep 2023 18:02

Tgt Ion:266 Resp: 237543
 Ion Ratio Lower Upper
 266 100
 264 62.3 53.1 79.7
 268 61.5 51.6 77.4





#72

Phenanthrene

Concen: 32.585 ng/ul

RT: 17.730 min Scan# 2424

Delta R.T. 0.001 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

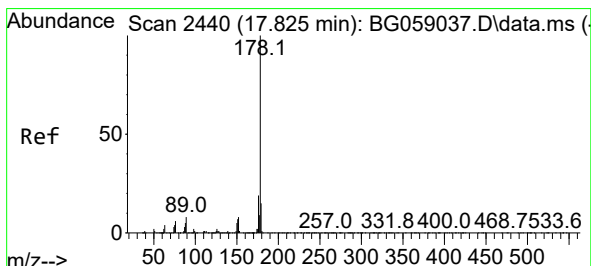
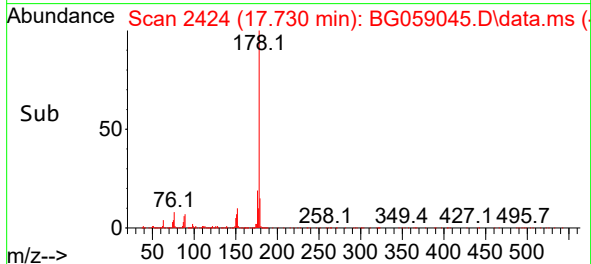
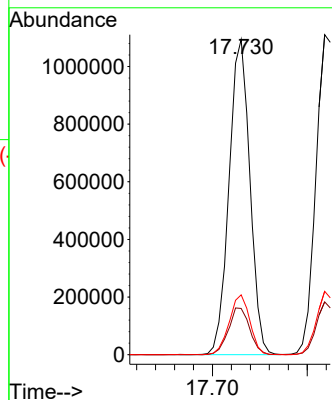
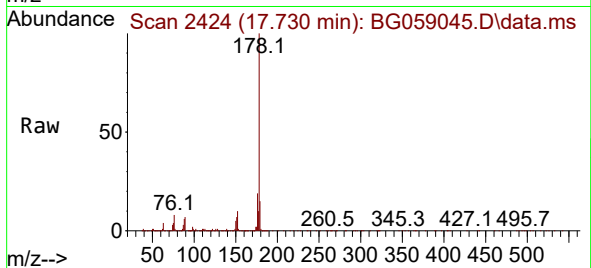
Tgt Ion:178 Resp: 1666198

Ion Ratio Lower Upper

178 100

179 14.7 11.8 17.8

176 19.0 15.1 22.7



#74

Anthracene

Concen: 32.877 ng/ul

RT: 17.818 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

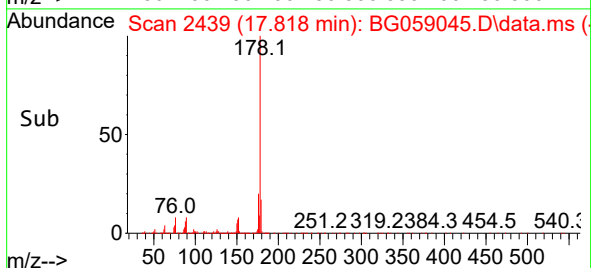
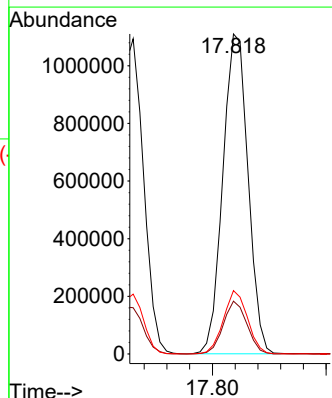
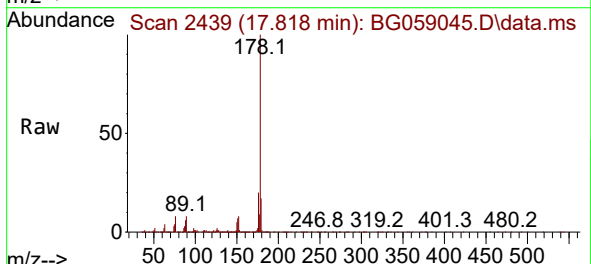
Tgt Ion:178 Resp: 1708666

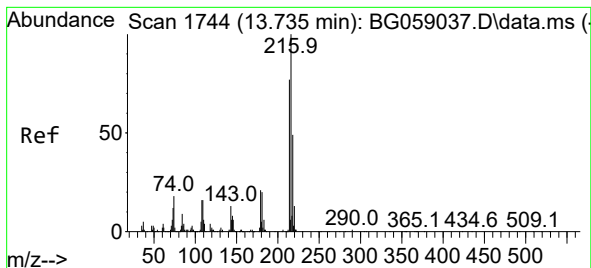
Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.4

176 19.8 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.358 ng/uL

RT: 13.729 min Scan# 1743

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

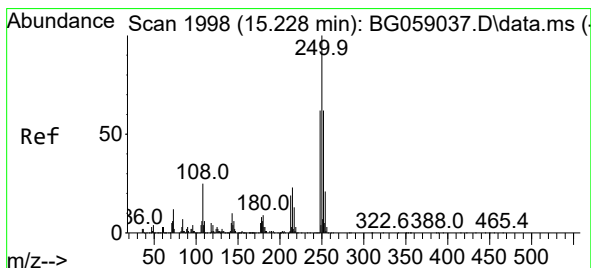
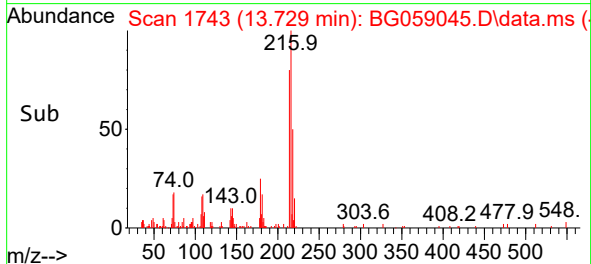
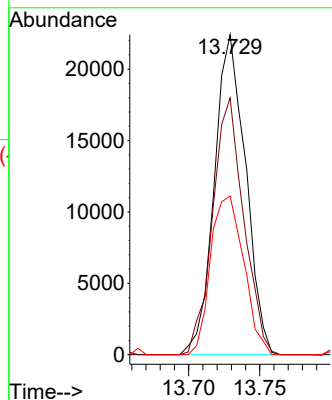
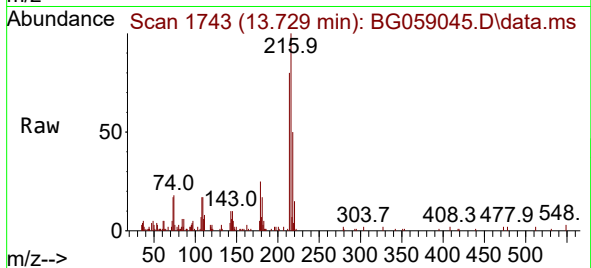
Tgt Ion:216 Resp: 34285

Ion Ratio Lower Upper

216 100

214 80.3 60.6 91.0

218 53.8 33.6 50.4#



#76

Pentachlorobenzene

Concen: 30.664 ng/uL

RT: 15.227 min Scan# 1998

Delta R.T. 0.001 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

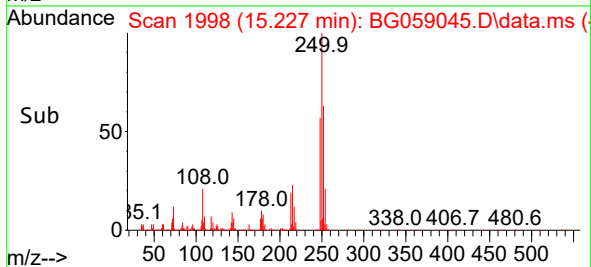
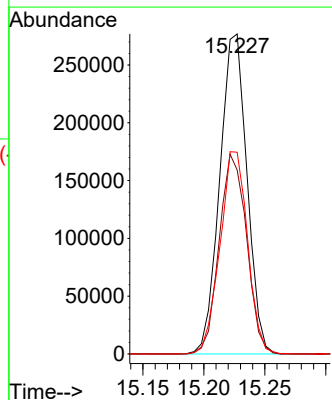
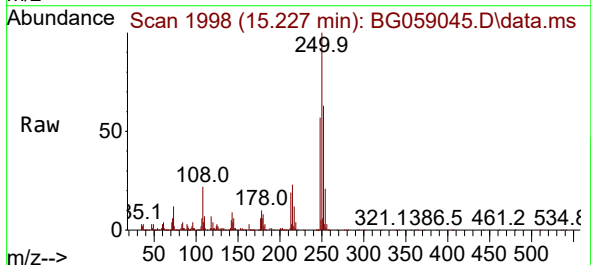
Tgt Ion:250 Resp: 430827

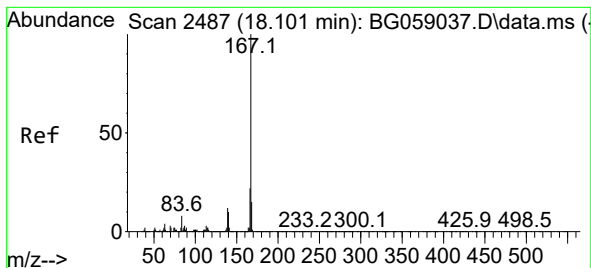
Ion Ratio Lower Upper

250 100

248 57.5 50.3 75.5

252 63.0 47.6 71.4





#77

Carbazole

Concen: 34.703 ng/ul

RT: 18.095 min Scan# 2486

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

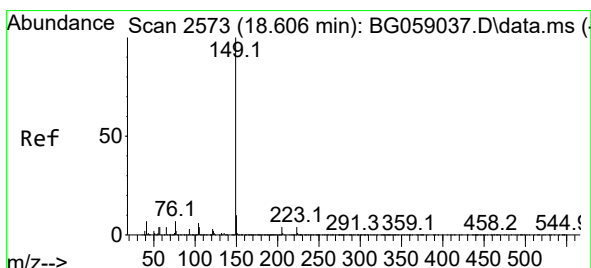
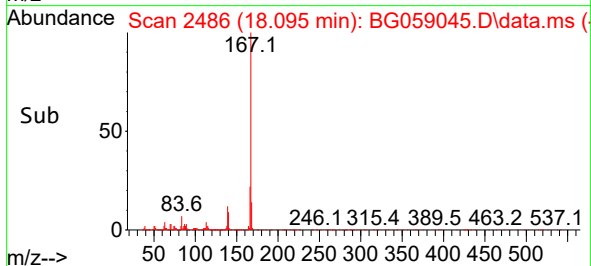
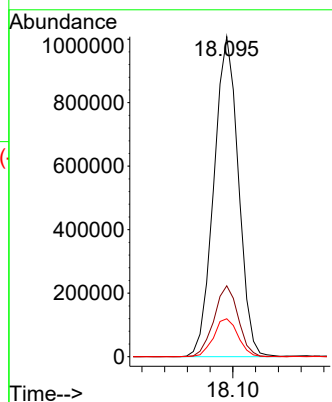
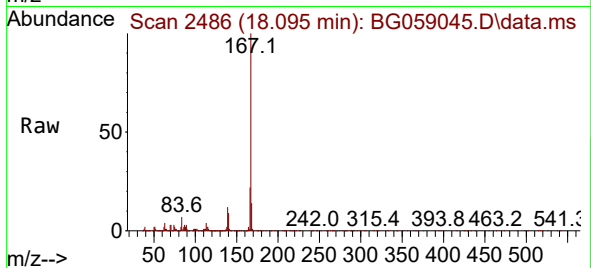
Tgt Ion:167 Resp: 1510296

Ion Ratio Lower Upper

167 100

166 22.2 16.8 25.2

139 11.9 9.4 14.2



#78

Di-n-butylphthalate

Concen: 35.485 ng/ul

RT: 18.600 min Scan# 2572

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

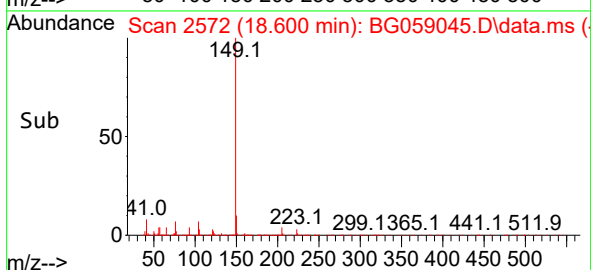
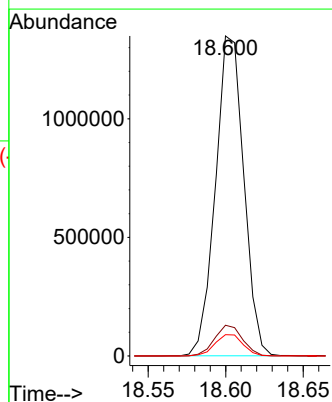
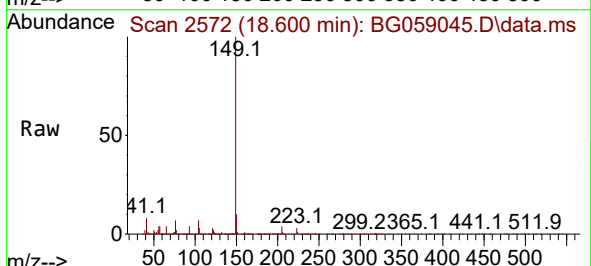
Tgt Ion:149 Resp: 1712015

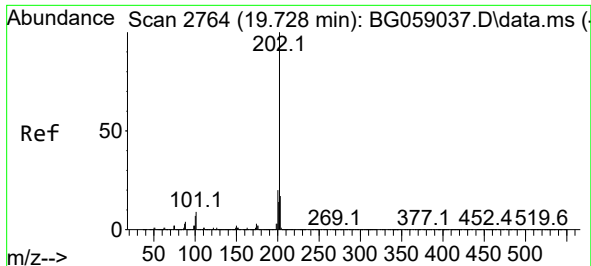
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 6.7 4.6 6.8

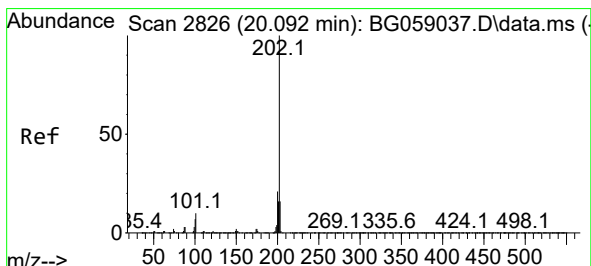
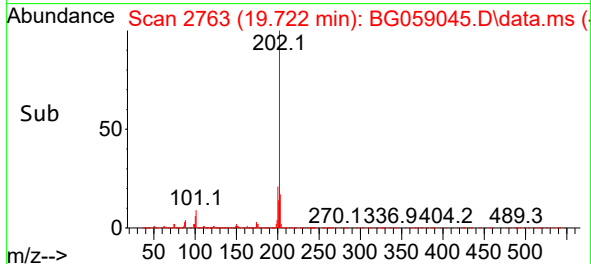
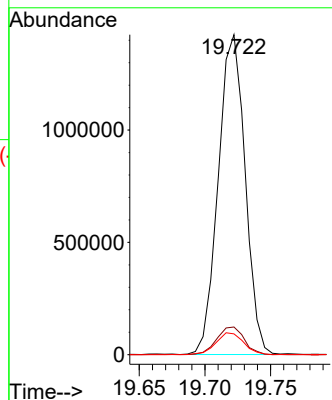
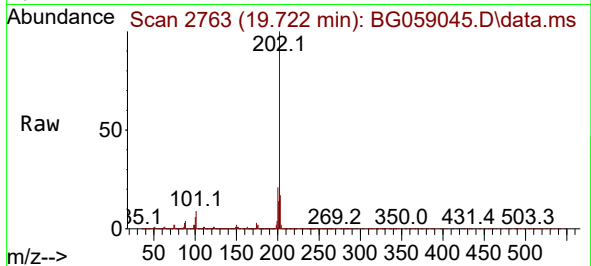




#80
Fluoranthene
Concen: 37.691 ng/ul
RT: 19.722 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

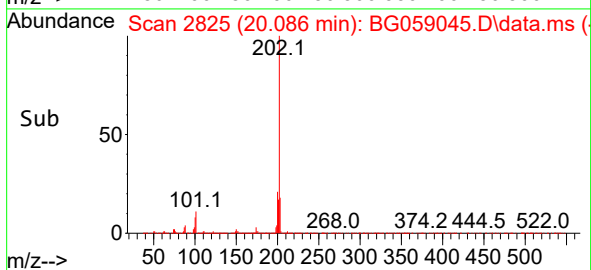
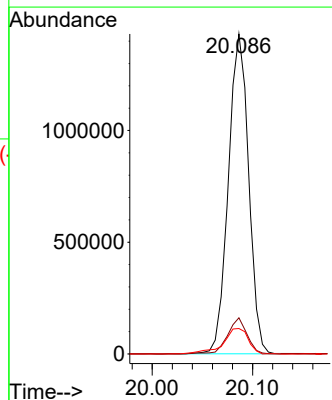
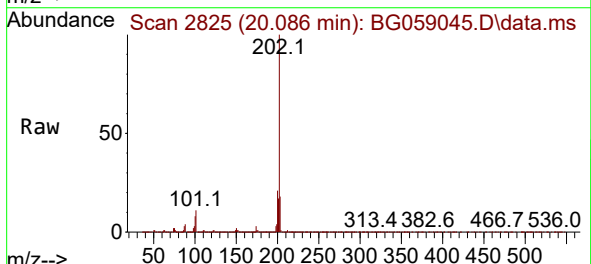
Instrument :
BNA_G
ClientSampleId :
SLCS407

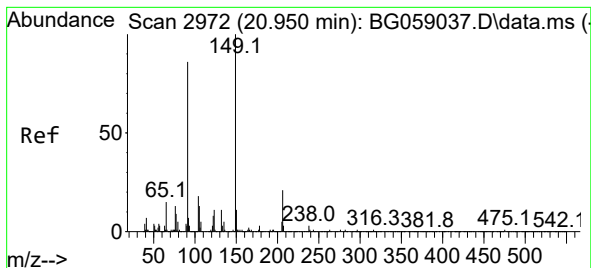
Tgt Ion:202 Resp: 2025511
Ion Ratio Lower Upper
202 100
101 8.7 6.1 9.1
100 6.5 5.9 8.9



#82
Pyrene
Concen: 36.019 ng/ul
RT: 20.086 min Scan# 2825
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:202 Resp: 2012273
Ion Ratio Lower Upper
202 100
101 11.3 7.5 11.3#
100 7.9 6.3 9.5





#83

Butylbenzylphthalate

Concen: 39.282 ng/ul

RT: 20.944 min Scan# 2971

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

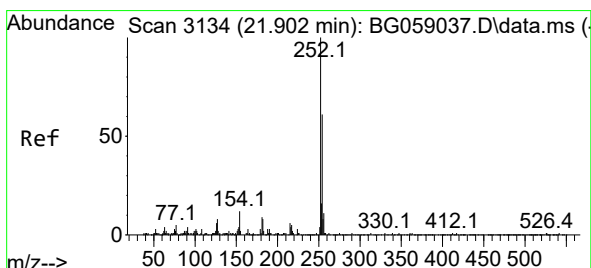
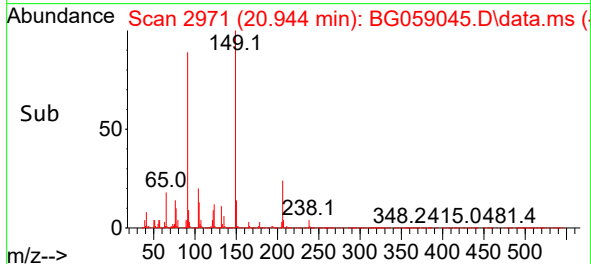
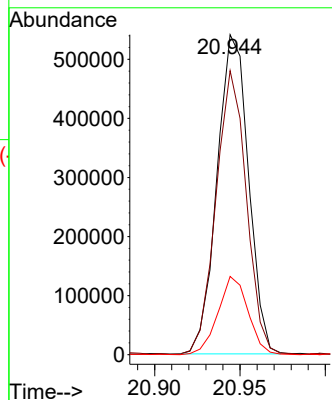
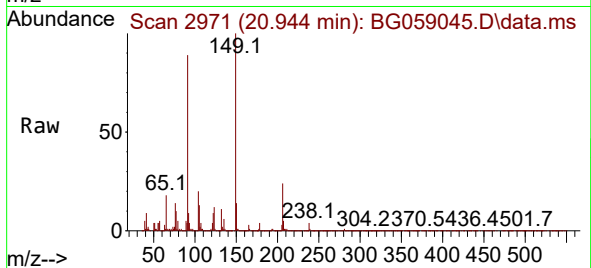
Tgt Ion:149 Resp: 693499

Ion Ratio Lower Upper

149 100

91 88.7 68.7 103.1

206 24.5 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 31.403 ng/ul

RT: 21.896 min Scan# 3133

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

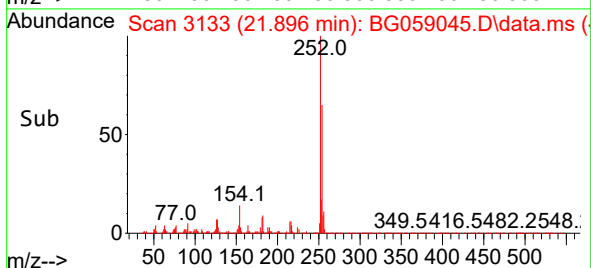
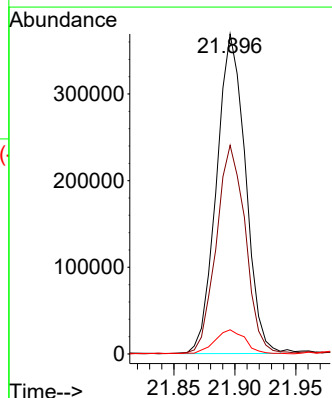
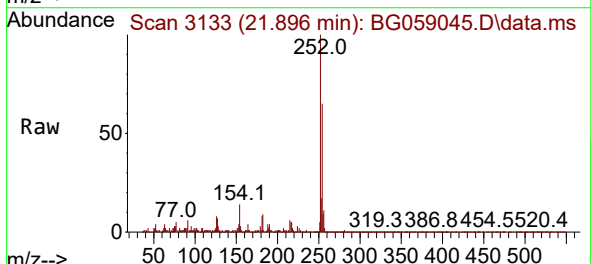
Tgt Ion:252 Resp: 608644

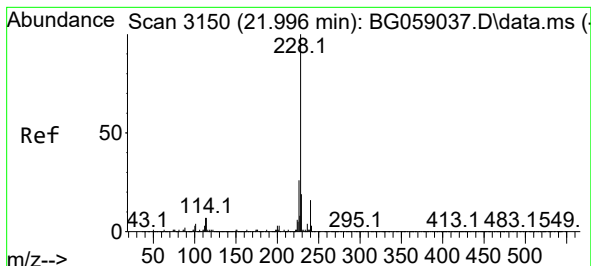
Ion Ratio Lower Upper

252 100

254 65.2 57.6 86.4

126 7.6 7.8 11.8#





#85

Benzo(a)anthracene

Concen: 32.793 ng/ul

RT: 21.990 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

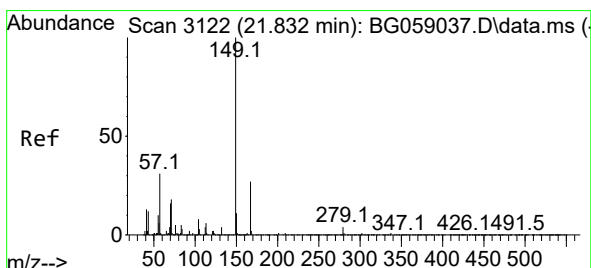
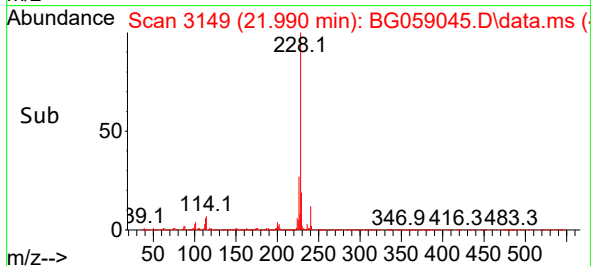
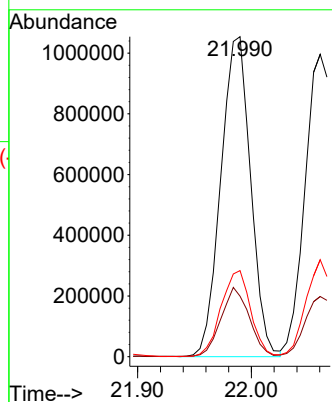
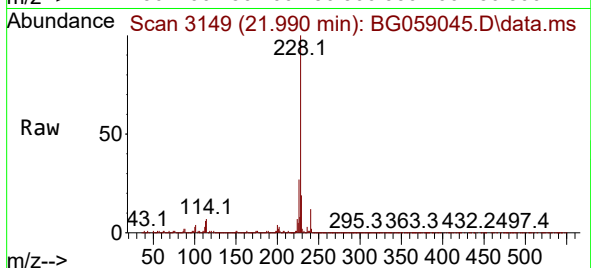
Tgt Ion:228 Resp: 1921223

Ion Ratio Lower Upper

228 100

229 18.9 16.0 24.0

226 26.9 20.8 31.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.170 ng/ul

RT: 21.825 min Scan# 3121

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

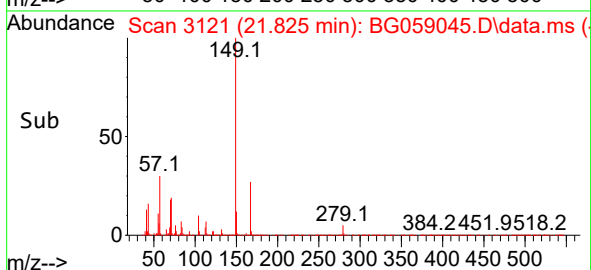
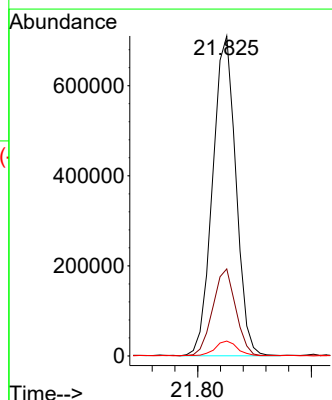
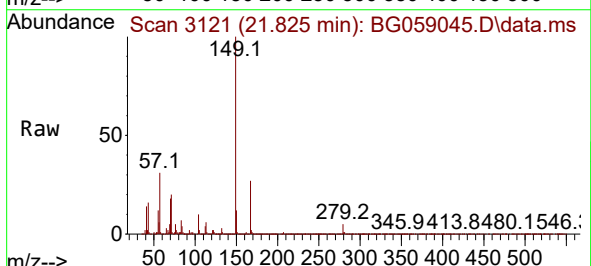
Tgt Ion:149 Resp: 1009207

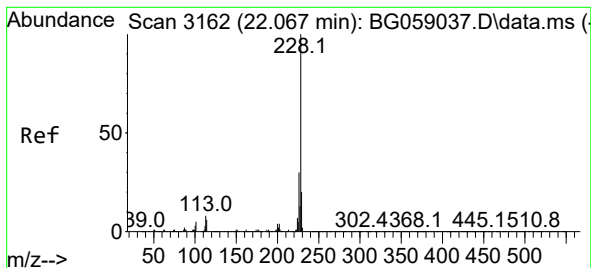
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.6

279 4.7 3.8 5.8





#87

Chrysene

Concen: 33.240 ng/ul

RT: 22.061 min Scan# 3161

Delta R.T. 0.001 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

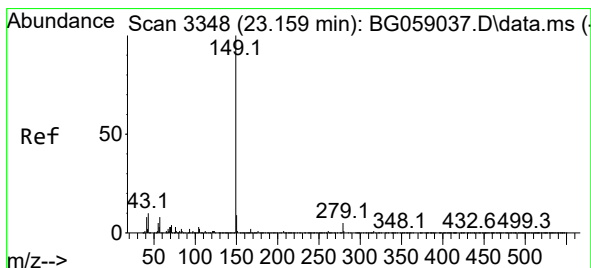
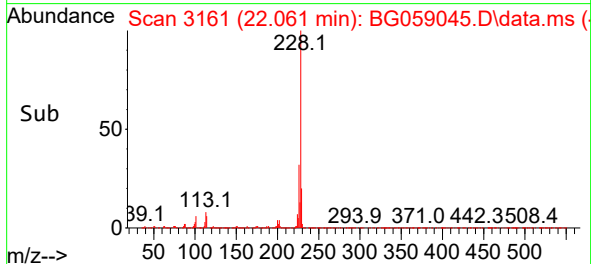
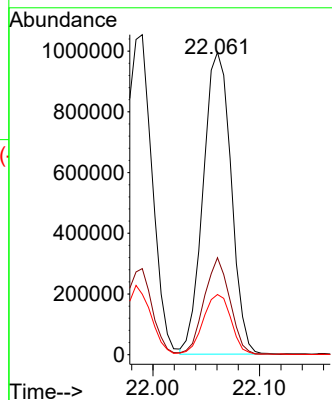
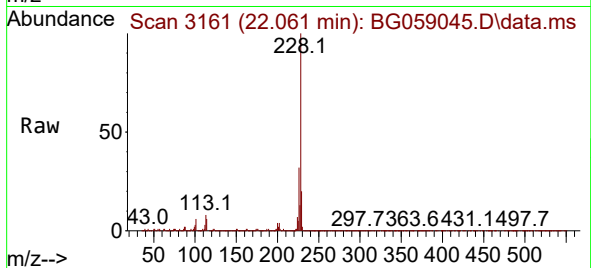
Tgt Ion:228 Resp: 1810335

Ion Ratio Lower Upper

228 100

226 32.0 23.2 34.8

229 19.9 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 36.044 ng/ul

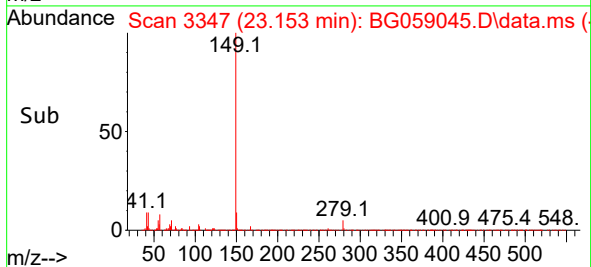
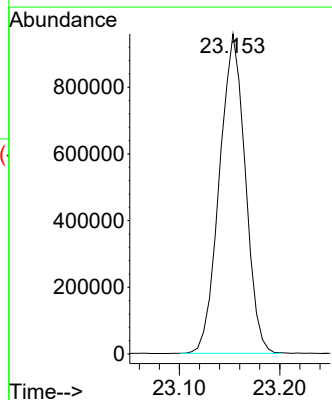
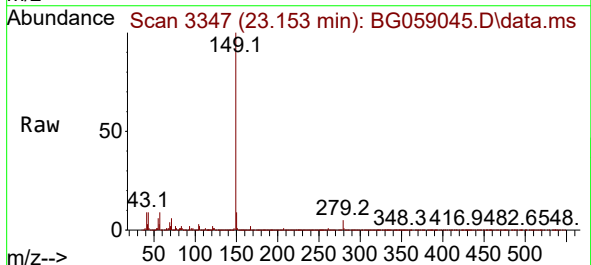
RT: 23.153 min Scan# 3347

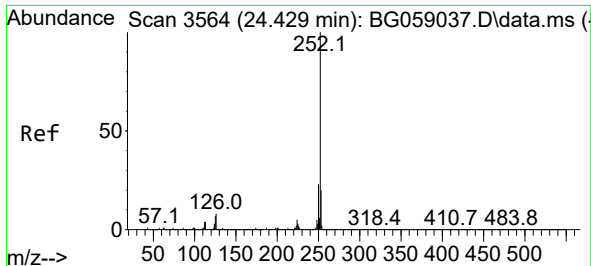
Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Tgt Ion:149 Resp: 1709249

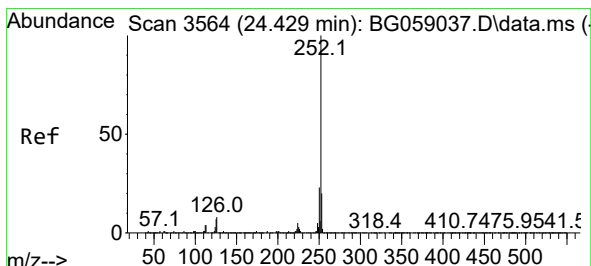
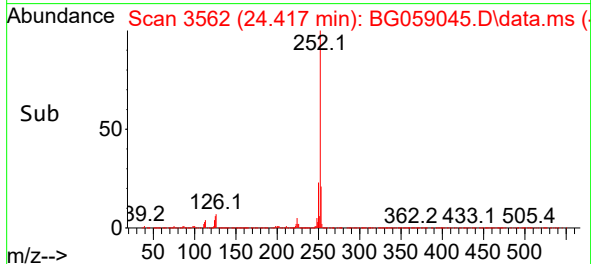
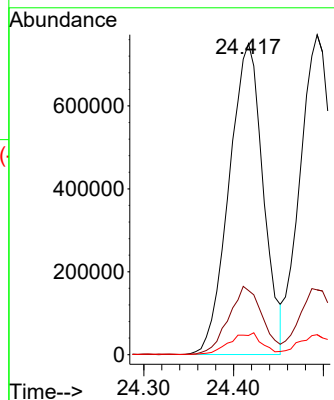
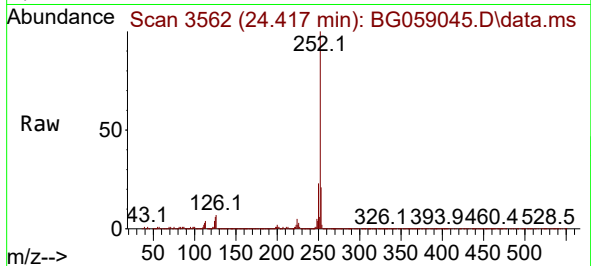




#90
Benzo(b)fluoranthene
Concen: 32.255 ng/ul
RT: 24.417 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

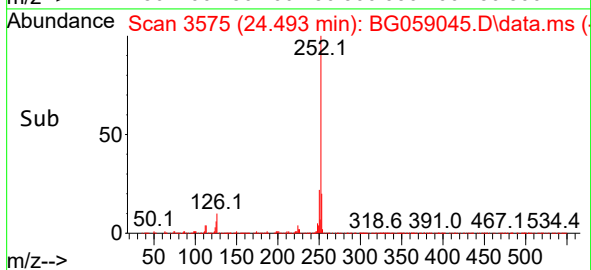
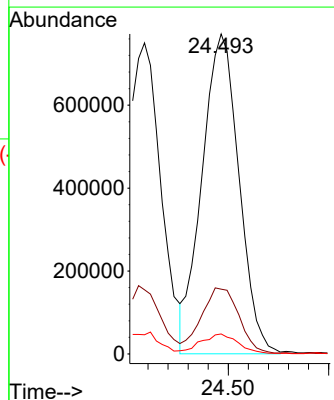
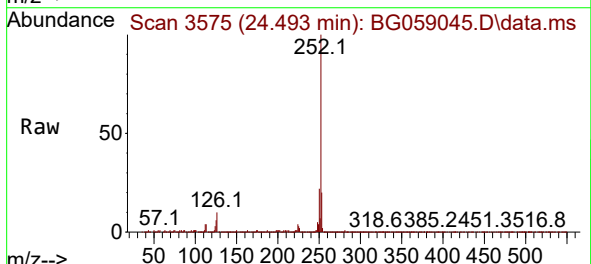
Instrument :
BNA_G
ClientSampleId :
SLCS407

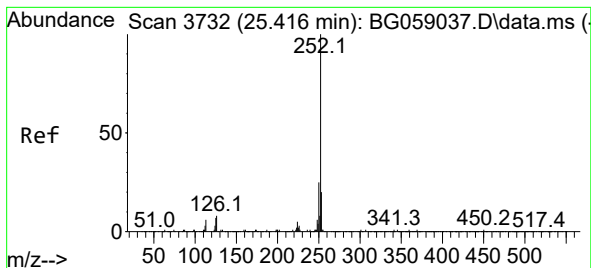
Tgt Ion:252 Resp: 1980720
Ion Ratio Lower Upper
252 100
253 20.6 17.8 26.8
125 6.2 6.2 9.2



#91
Benzo(k)fluoranthene
Concen: 31.522 ng/ul
RT: 24.493 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BG059045.D
Acq: 13 Sep 2023 18:02

Tgt Ion:252 Resp: 1978150
Ion Ratio Lower Upper
252 100
253 20.3 19.1 28.7
125 6.3 5.0 7.4





#93

Benzo(a)pyrene

Concen: 30.660 ng/ul

RT: 25.398 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

Instrument :

BNA_G

ClientSampleId :

SLCS407

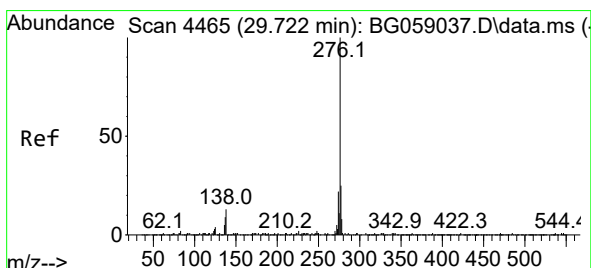
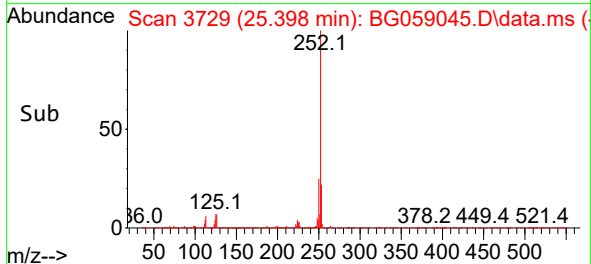
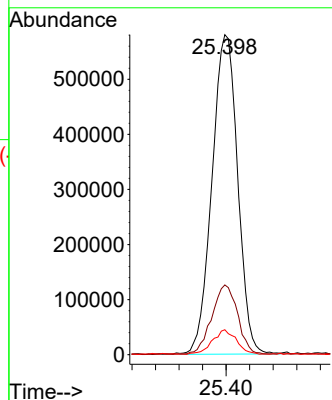
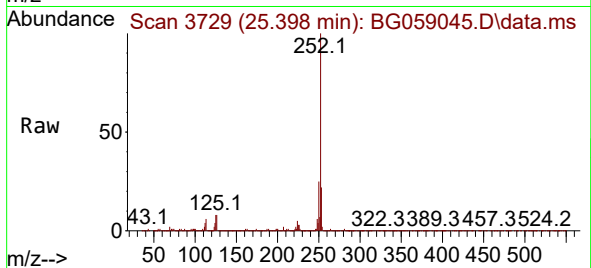
Tgt Ion:252 Resp: 1756643

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 7.8 5.3 7.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 25.840 ng/ul

RT: 29.693 min Scan# 4460

Delta R.T. 0.012 min

Lab File: BG059045.D

Acq: 13 Sep 2023 18:02

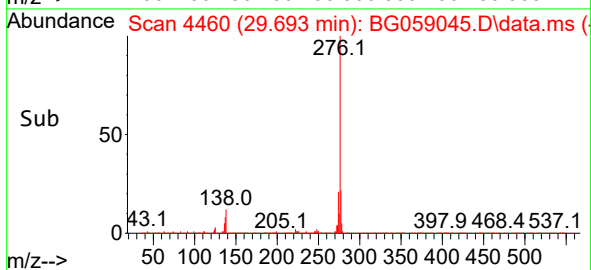
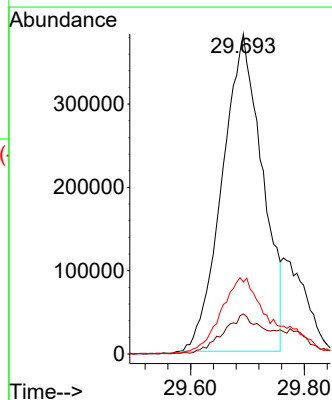
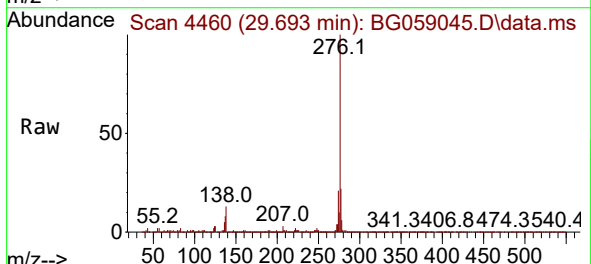
Tgt Ion:276 Resp: 1870629

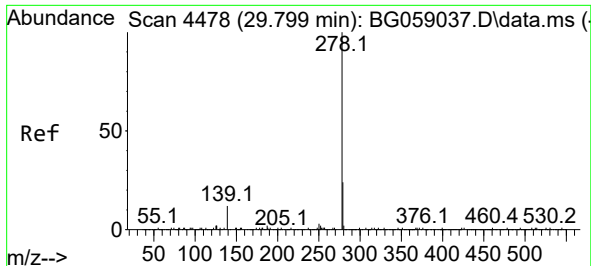
Ion Ratio Lower Upper

276 100

138 12.5 11.8 17.8

277 22.5 20.7 31.1

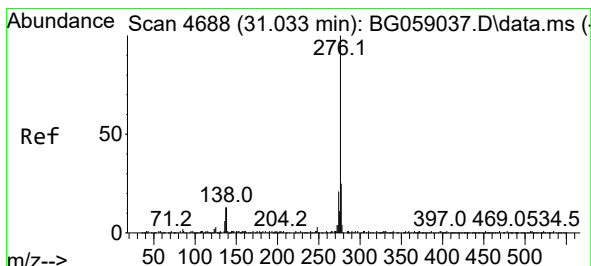
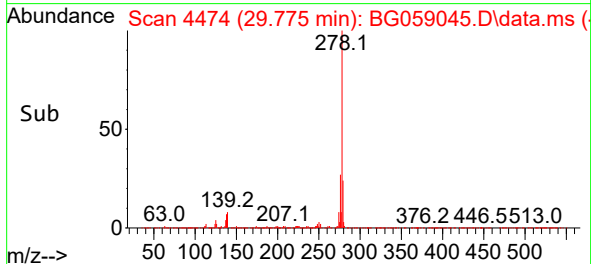
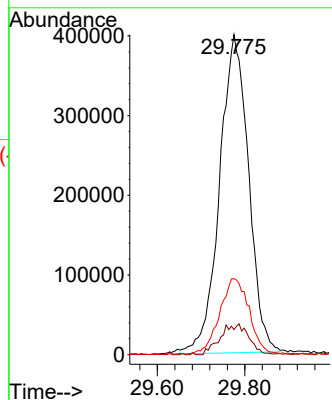
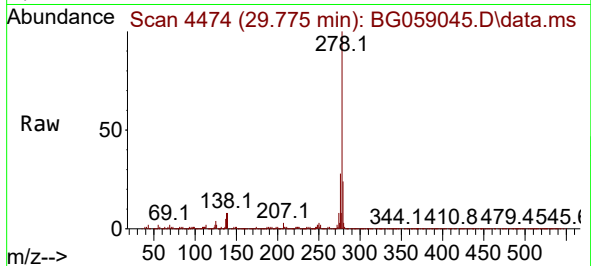




#95
 Dibenzo(a,h)anthracene
 Concen: 30.574 ng/ul
 RT: 29.775 min Scan# 4478
 Delta R.T. 0.001 min
 Lab File: BG059045.D
 Acq: 13 Sep 2023 18:02

Instrument :
 BNA_G
 ClientSampleId :
 SLCS407

Tgt Ion:278 Resp: 1834039
 Ion Ratio Lower Upper
 278 100
 139 7.9 9.8 14.8#
 279 23.8 18.5 27.7



#96
 Benzo(g,h,i)perylene
 Concen: 31.976 ng/ul
 RT: 31.009 min Scan# 4684
 Delta R.T. 0.018 min
 Lab File: BG059045.D
 Acq: 13 Sep 2023 18:02

Tgt Ion:276 Resp: 1832259
 Ion Ratio Lower Upper
 276 100
 138 12.1 11.4 17.2
 277 23.3 17.4 26.2

