

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059201.D
 Acq On : 26 Sep 2023 17:03
 Operator : MA/JU
 Sample : PB155814BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS814

Quant Time: Sep 26 22:34:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	24245	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.138	136	141034	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.922	164	100405	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.677	188	244658	20.000	ng/ul	0.00
79) Chrysene-d12	22.002	240	199415	20.000	ng/ul	0.00
88) Perylene-d12	25.539	264	231958	20.000	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.612	96	6785	10.954	ng/uL	-0.01
4) Pyridine-d5	4.040	84	93538	51.475	ng/ul	-0.02
7) Phenol-d5	7.419	99	141769	59.467	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.619	67	83123	56.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	100074	56.884	ng/ul	-0.01
15) 4-Methylphenol-d8	8.988	113	110216	58.050	ng/ul	-0.01
21) Nitrobenzene-d5	9.493	128	52538	48.276	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.210	143	58832	53.514	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.744	165	111723	53.529	ng/ul	0.00
31) 4-Chloroaniline-d4	11.285	131	156876	48.157	ng/ul	-0.01
46) Dimethylphthalate-d6	14.323	166	404436	52.375	ng/ul	0.00
49) Acenaphthylene-d8	14.628	160	460263	48.952	ng/ul	0.00
54) 4-Nitrophenol-d4	15.116	143	43876	31.143	ng/ul	0.00
60) Fluorene-d10	15.915	176	367074	51.933	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.021	200	65602	47.164	ng/ul	-0.01
73) Anthracene-d10	17.777	188	534337	48.000	ng/ul	0.00
81) Pyrene-d10	20.045	212	618082	53.028	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.298	264	568898	50.228	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.647	88	14476	20.668	ng/uL#	91
5) Pyridine	4.064	79	91956	49.661	ng/ul	99
6) Benzaldehyde	7.442	77	69516	56.236	ng/ul	88
8) Phenol	7.448	94	148139	60.457	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.713	93	109318	55.567	ng/ul	93
12) 2-Chlorophenol	7.848	128	107417	59.844	ng/ul	96
13) 2-Methylphenol	8.723	108	106803	58.732	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.800	45	241771	59.192	ng/ul	96
16) Acetophenone	9.140	105	175511	60.044	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.099	70	91547	61.954	ng/ul	97
18) 4-Methylphenol	9.052	108	116409	59.735	ng/ul	98
19) Hexachloroethane	9.381	117	38935	55.171	ng/ul	93
22) Nitrobenzene	9.540	77	127895	51.897	ng/ul	95
23) Isophorone	10.045	82	291089	55.082	ng/ul	99
25) 2-Nitrophenol	10.245	139	62807	51.121	ng/ul	97
26) 2,4-Dimethylphenol	10.274	107	95067	41.387	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.527	93	169473	51.547	ng/ul	97
29) 2,4-Dichlorophenol	10.768	162	112835	53.480	ng/ul#	90
30) Naphthalene	11.191	128	388698	51.505	ng/ul	100
32) 4-Chloroaniline	11.308	127	150792	47.024	ng/ul	90
33) Hexachlorobutadiene	11.420	225	67494	49.701	ng/ul#	86
34) Caprolactam	12.096	113	44839	58.032	ng/ul#	49
35) 4-Chloro-3-methylphenol	12.384	107	132253	59.510	ng/ul	99
36) 2-Methylnaphthalene	12.771	142	262126	52.005	ng/ul	97

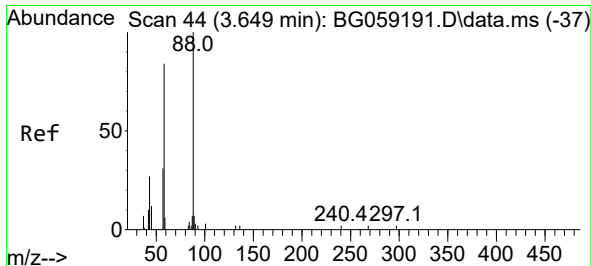
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.989	142	272099	53.441	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.112	216	144328	49.032	ng/ul	98
40) Hexachlorocyclopentadiene	13.065	237	68918	36.725	ng/ul	92
41) 2,4,6-Trichlorophenol	13.359	196	99966	52.007	ng/ul	89
42) 2,4,5-Trichlorophenol	13.429	196	108497	52.183	ng/ul	93
43) 1,1'-Biphenyl	13.764	154	397198	49.561	ng/ul	94
44) 2-Chloronaphthalene	13.817	162	304127	49.700	ng/ul	97
45) 2-Nitroaniline	14.035	65	104558	53.904	ng/ul	97
47) Dimethylphthalate	14.370	163	423358	53.678	ng/ul	99
48) 2,6-Dinitrotoluene	14.516	165	85262	58.501	ng/ul#	95
50) Acenaphthylene	14.657	152	511853	50.967	ng/ul	99
51) 3-Nitroaniline	14.851	138	74670	46.433	ng/ul	89
52) Acenaphthene	14.992	153	351597	51.627	ng/ul	96
53) 2,4-Dinitrophenol	15.051	184	28679	32.657	ng/ul#	88
55) 4-Nitrophenol	15.133	109	29976	32.194	ng/ul	98
56) Dibenzofuran	15.321	168	482651	53.431	ng/ul	97
57) 2,4-Dinitrotoluene	15.292	165	121986	58.055	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.533	232	107973	56.103	ng/ul	93
59) Diethylphthalate	15.709	149	425640	54.768	ng/ul	100
61) Fluorene	15.968	166	417141	54.082	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.950	204	206011	53.815	ng/ul	98
63) 4-Nitroaniline	16.015	138	54578	36.613	ng/ul#	71
66) 4,6-Dinitro-2-methylph...	16.038	198	74869	49.939	ng/ul#	93
67) N-Nitrosodiphenylamine	16.173	169	339969	52.192	ng/ul	98
68) 4-Bromophenyl-phenylether	16.849	248	131689	55.323	ng/ul	88
69) Hexachlorobenzene	16.943	284	146885	53.873	ng/ul	93
70) Atrazine	17.108	200	122565	47.290	ng/ul	93
71) Pentachlorophenol	17.296	266	71204	40.205	ng/ul	92
72) Phenanthrene	17.719	178	720954	52.658	ng/ul	99
74) Anthracene	17.813	178	708574	50.650	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.723	216	150162	46.037	ng/uL	92
76) Pentachlorobenzene	15.216	250	152061	50.401	ng/uL	95
77) Carbazole	18.089	167	566760	48.729	ng/ul	100
78) Di-n-butylphthalate	18.588	149	764773	53.375	ng/ul	98
80) Fluoranthene	19.710	202	800364	55.103	ng/ul	99
82) Pyrene	20.081	202	839676	55.422	ng/ul	98
83) Butylbenzylphthalate	20.932	149	324026	59.209	ng/ul	97
85) Benzo(a)anthracene	21.972	228	778624	53.780	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.802	149	492208	60.114	ng/ul	99
87) Chrysene	22.049	228	723529	53.587	ng/ul	98
89) Di-n-octyl phthalate	23.124	149	832142	58.679	ng/ul	100
90) Benzo(b)fluoranthene	24.399	252	788113	55.759	ng/ul	99
91) Benzo(k)fluoranthene	24.475	252	755207	51.533	ng/ul	99
93) Benzo(a)pyrene	25.374	252	712382	52.443	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.646	276	723431	46.827	ng/ul	92
95) Dibenzo(a,h)anthracene	29.734	278	481474	38.781	ng/ul	98
96) Benzo(g,h,i)perylene	30.968	276	625484	50.260	ng/ul	98

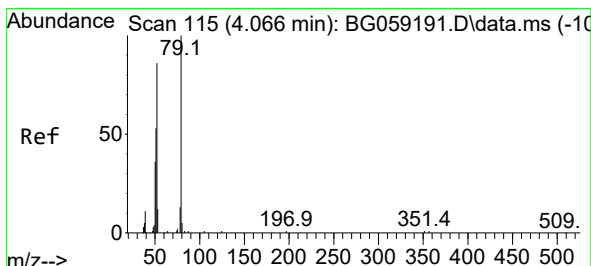
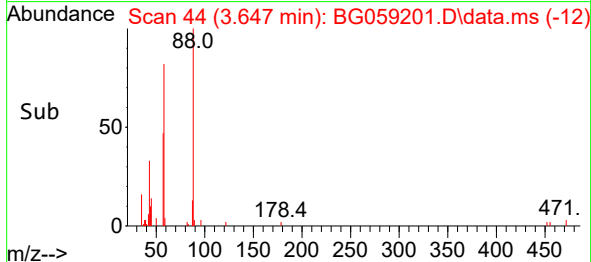
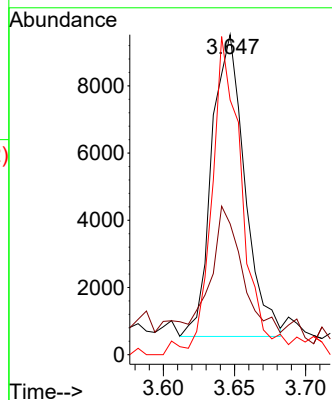
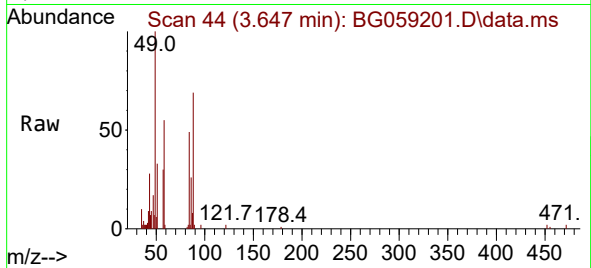
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#2
1,4-Dioxane
Concen: 20.668 ng/uL
RT: 3.647 min Scan# 44
Delta R.T. -0.011 min
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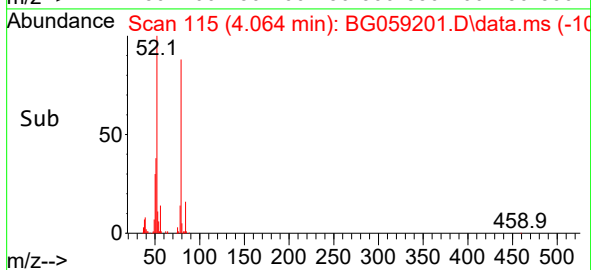
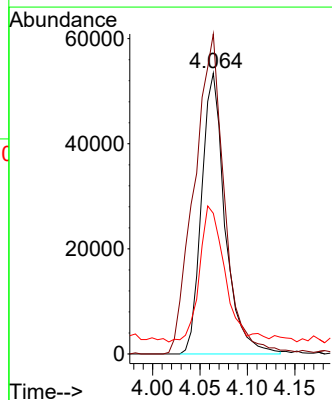
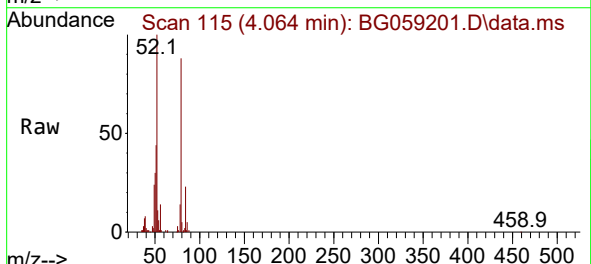
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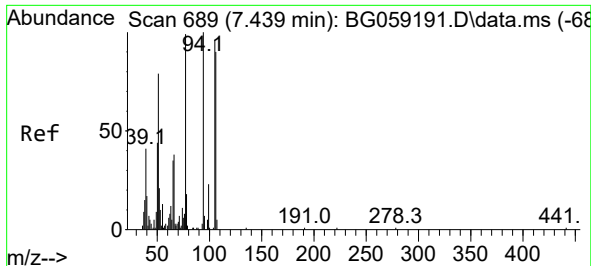
Tgt Ion: 88 Resp: 14476
Ion Ratio Lower Upper
88 100
43 40.9 24.5 36.7#
58 79.6 60.6 91.0



#5
Pyridine
Concen: 49.661 ng/uL
RT: 4.064 min Scan# 115
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion: 79 Resp: 91956
Ion Ratio Lower Upper
79 100
52 114.0 90.6 135.8
51 50.1 39.6 59.4

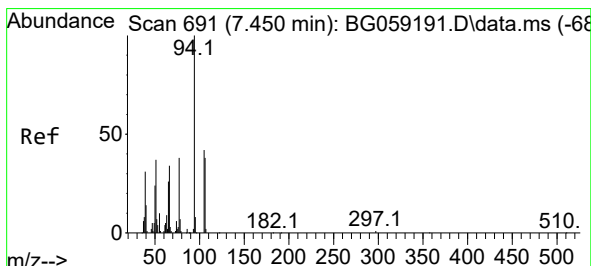
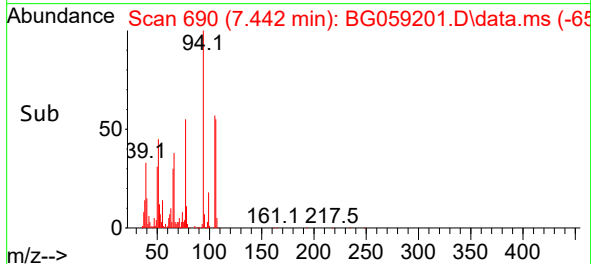
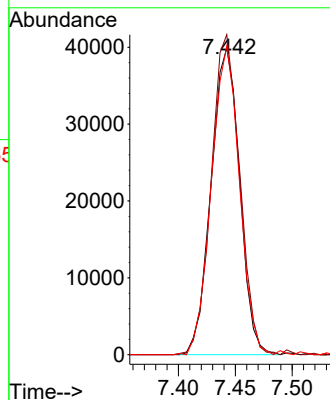
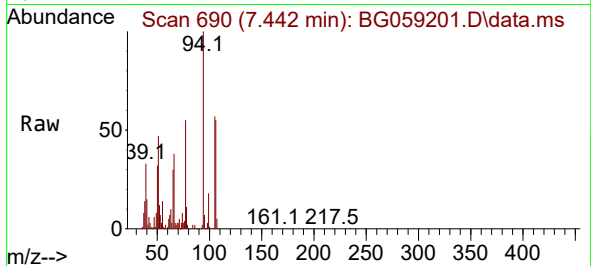




#6
Benzaldehyde
Concen: 56.236 ng/ul
RT: 7.442 min Scan# 690
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

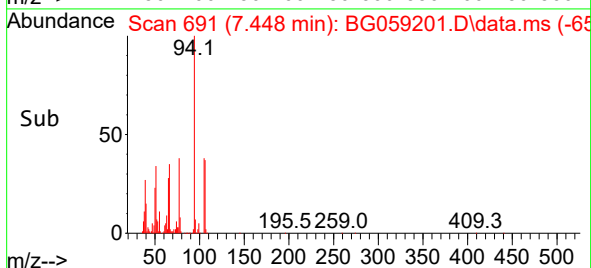
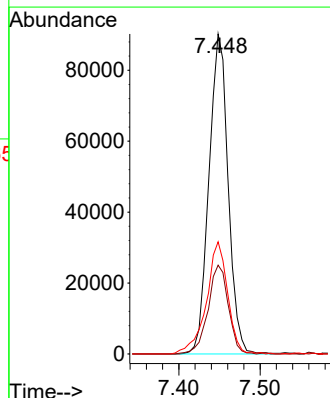
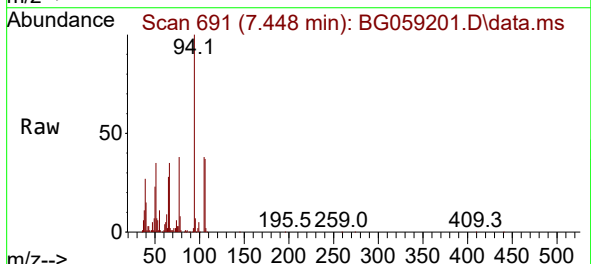
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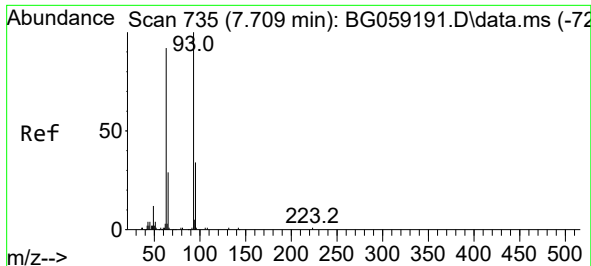
Tgt Ion: 77 Resp: 69516
Ion Ratio Lower Upper
77 100
105 104.4 76.9 115.3
106 100.6 69.4 104.0



#8
Phenol
Concen: 60.457 ng/ul
RT: 7.448 min Scan# 691
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion: 94 Resp: 148139
Ion Ratio Lower Upper
94 100
65 27.7 24.4 36.6
66 35.0 28.4 42.6

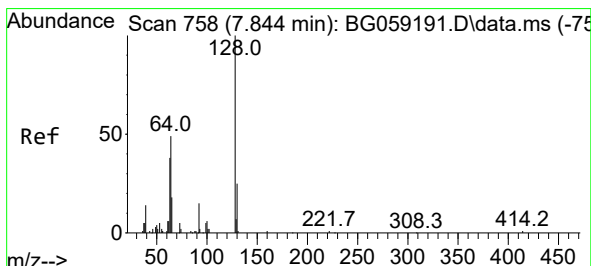
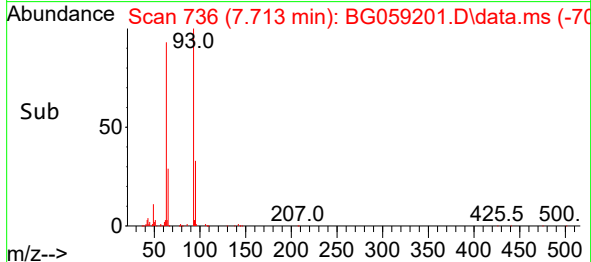
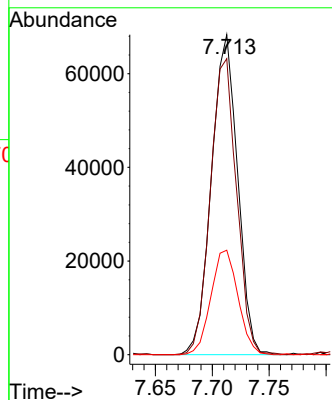
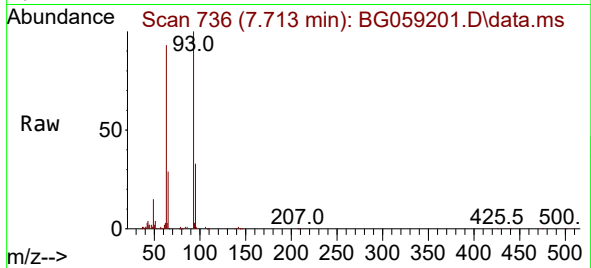




#10
Bis(2-Chloroethyl)ether
Concen: 55.567 ng/ul
RT: 7.713 min Scan# 710
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

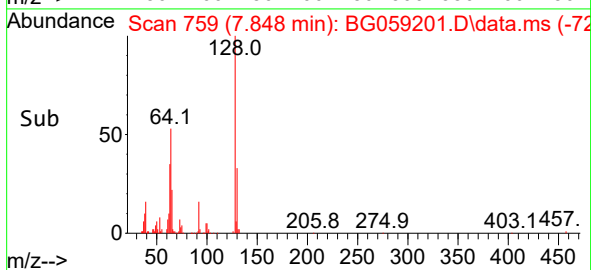
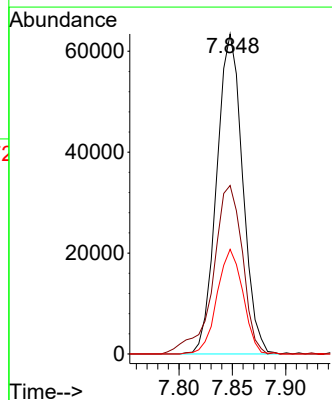
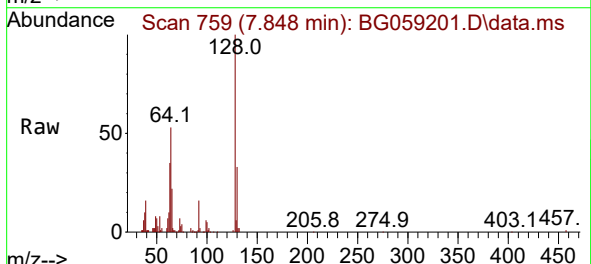
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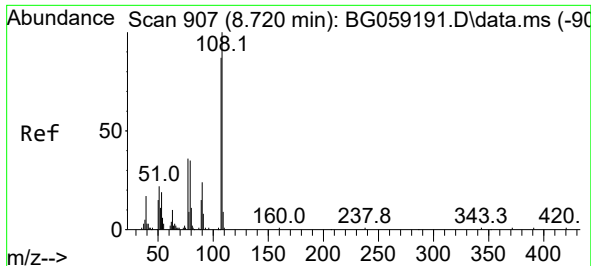
Tgt Ion: 93 Resp: 109318
Ion Ratio Lower Upper
93 100
63 92.5 68.3 102.5
95 32.6 23.8 35.8



#12
2-Chlorophenol
Concen: 59.844 ng/ul
RT: 7.848 min Scan# 759
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:128 Resp: 107417
Ion Ratio Lower Upper
128 100
64 52.6 40.3 60.5
130 32.7 24.0 36.0





#13

2-Methylphenol

Concen: 58.732 ng/ul

RT: 8.723 min Scan# 907

Delta R.T. -0.005 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

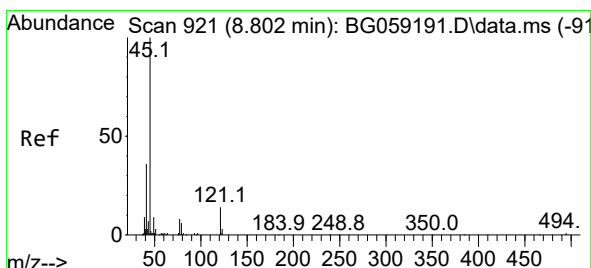
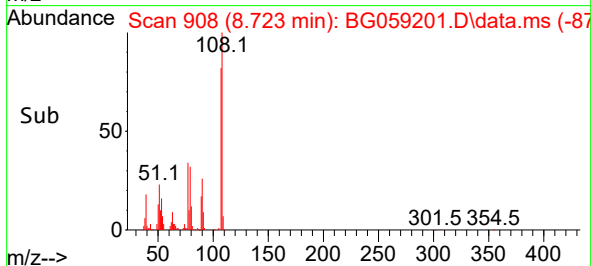
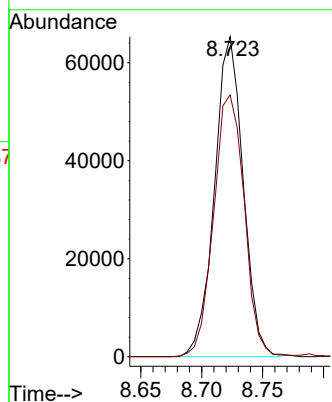
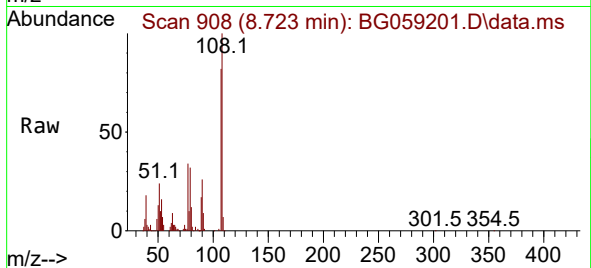
SLCS814

Tgt Ion:108 Resp: 106803

Ion Ratio Lower Upper

108 100

107 81.8 75.1 112.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 59.192 ng/ul

RT: 8.800 min Scan# 921

Delta R.T. -0.017 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

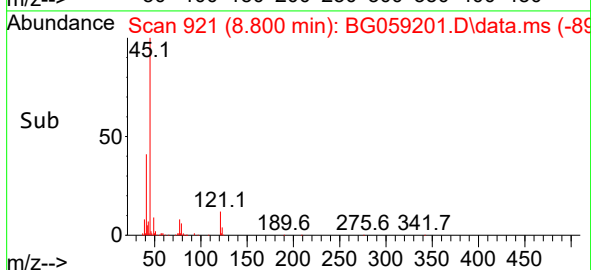
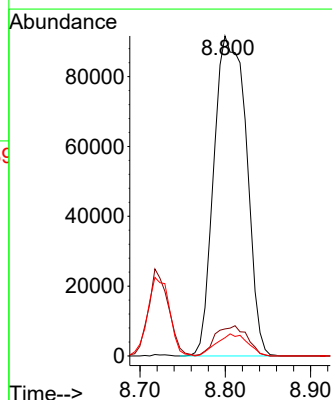
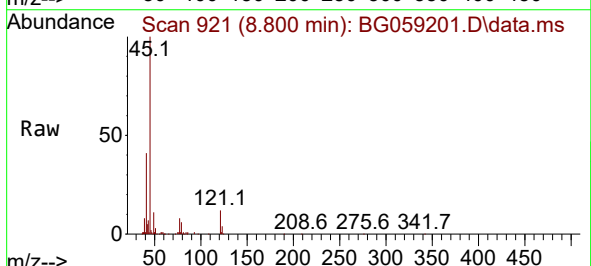
Tgt Ion: 45 Resp: 241771

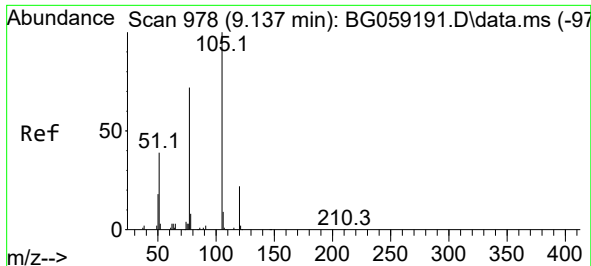
Ion Ratio Lower Upper

45 100

77 8.4 7.8 11.6

79 5.7 5.6 8.4

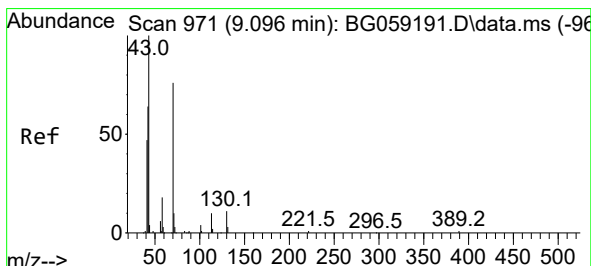
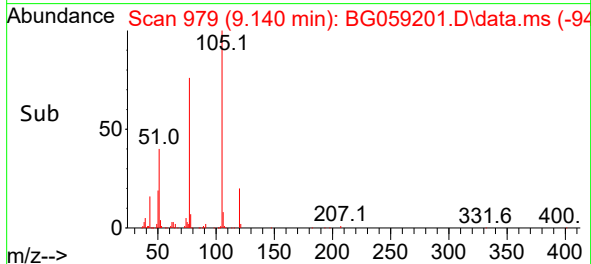
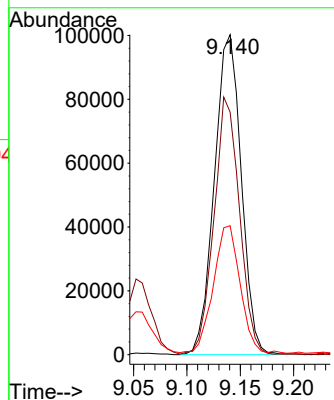
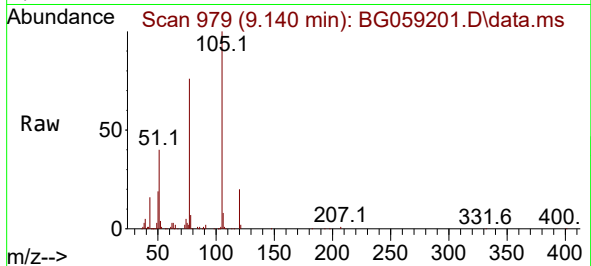




#16
Acetophenone
Concen: 60.044 ng/ul
RT: 9.140 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

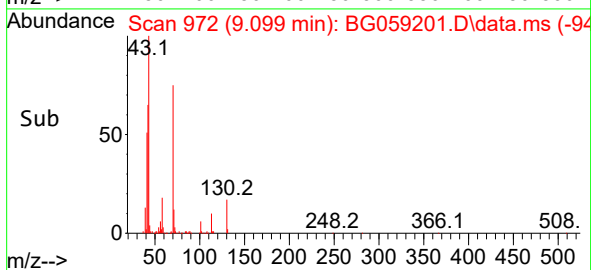
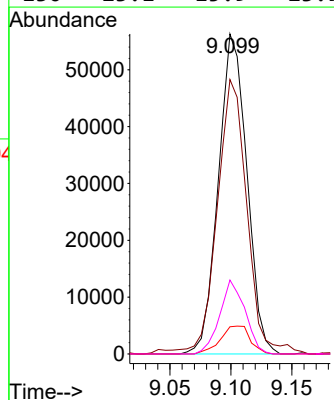
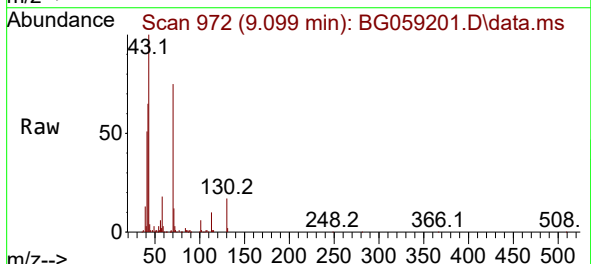
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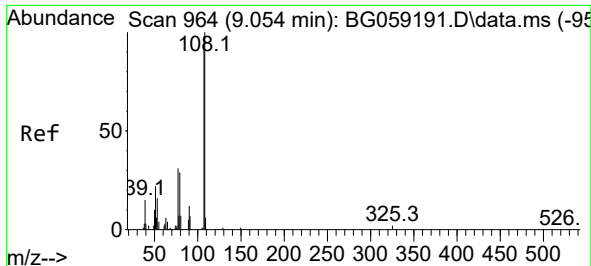
Tgt Ion:105 Resp: 175511
Ion Ratio Lower Upper
105 100
77 75.8 57.2 85.8
51 40.3 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 61.954 ng/ul
RT: 9.099 min Scan# 972
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion: 70 Resp: 91547
Ion Ratio Lower Upper
70 100
42 85.7 67.1 100.7
101 8.5 7.6 11.4
130 23.1 15.9 23.9

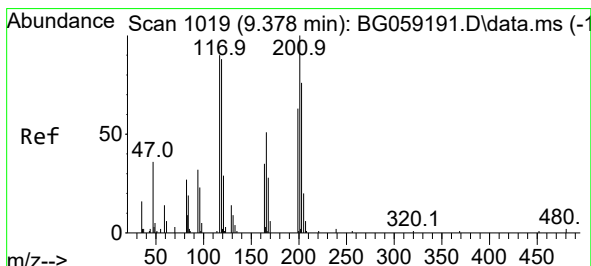
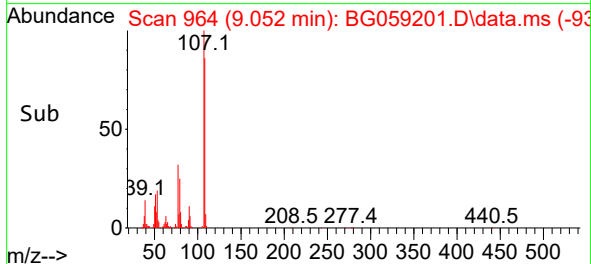
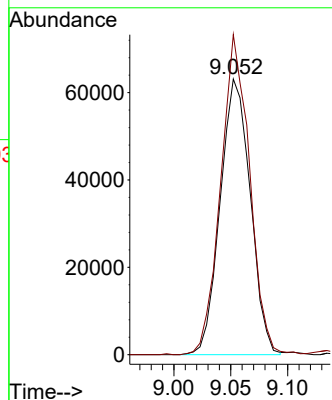
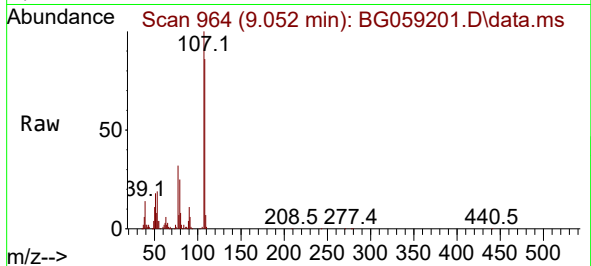




#18
4-Methylphenol
Concen: 59.735 ng/ul
RT: 9.052 min Scan# 90
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

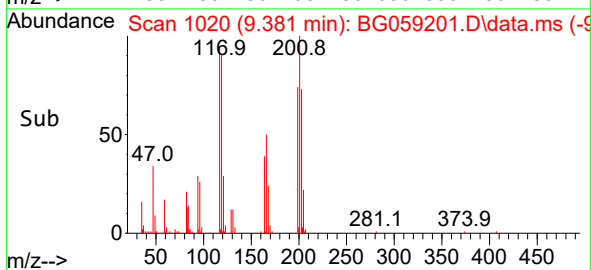
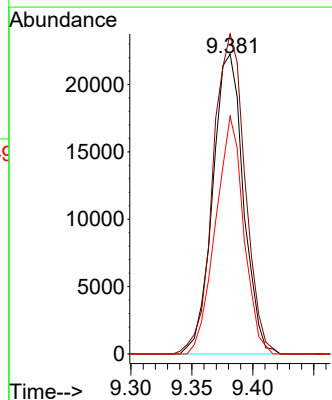
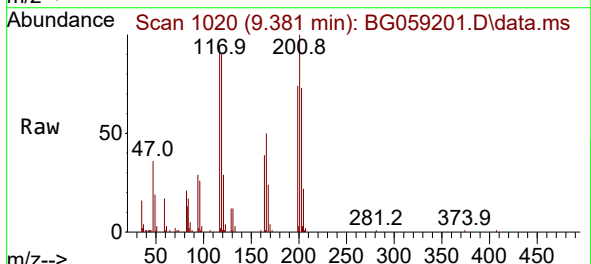
Instrument :
BNA_G
ClientSampleId :
SLCS814

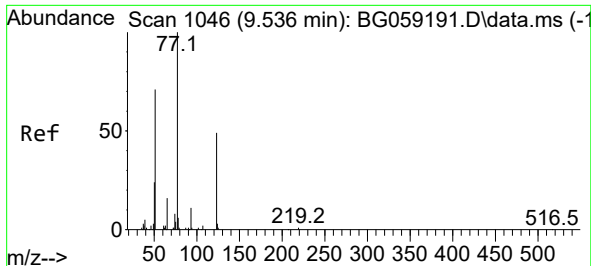
Tgt Ion:108 Resp: 116409
Ion Ratio Lower Upper
108 100
107 116.1 94.4 141.6



#19
Hexachloroethane
Concen: 55.171 ng/ul
RT: 9.381 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:117 Resp: 38935
Ion Ratio Lower Upper
117 100
201 106.7 86.4 129.6
199 82.9 56.2 84.2

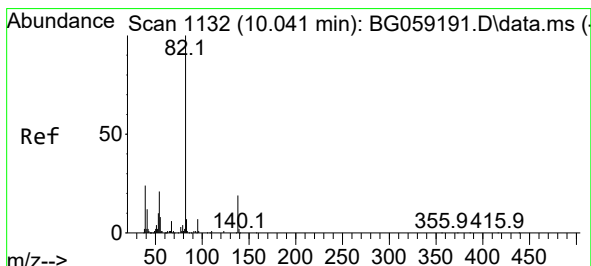
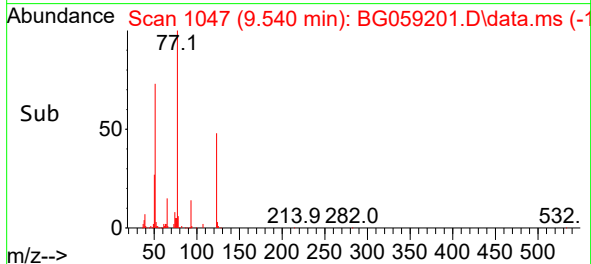
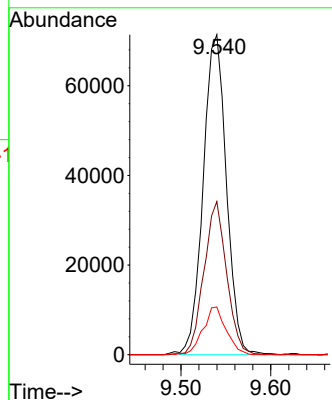
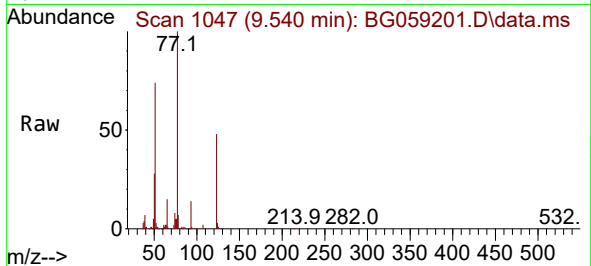




#22
Nitrobenzene
Concen: 51.897 ng/ul
RT: 9.540 min Scan# 1046
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

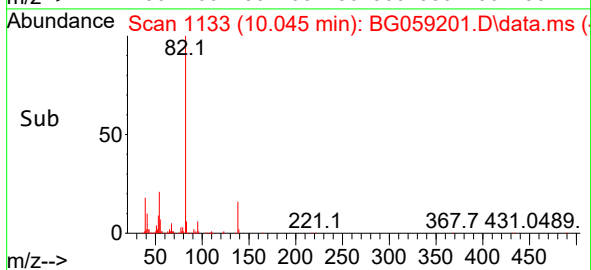
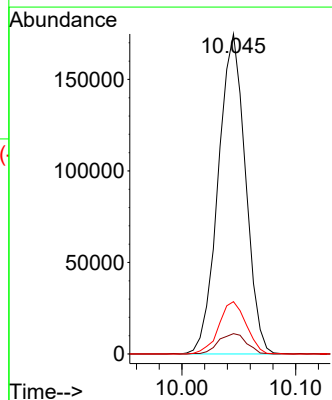
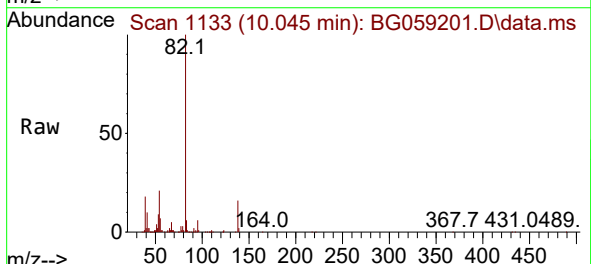
Instrument :
BNA_G
ClientSampleId :
SLCS814

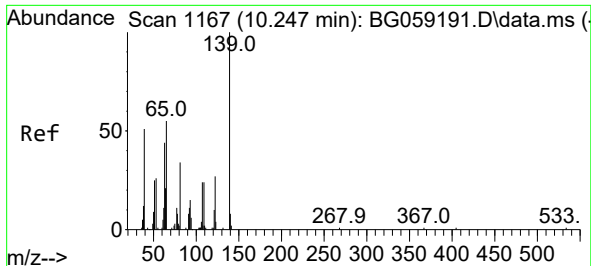
Tgt Ion: 77 Resp: 127895
Ion Ratio Lower Upper
77 100
123 47.9 41.8 62.8
65 14.9 12.3 18.5



#23
Isophorone
Concen: 55.082 ng/ul
RT: 10.045 min Scan# 1133
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion: 82 Resp: 291089
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.2
138 16.3 12.7 19.1

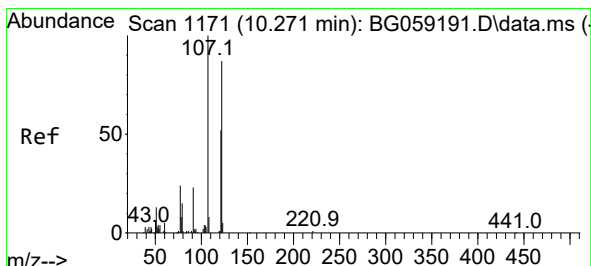
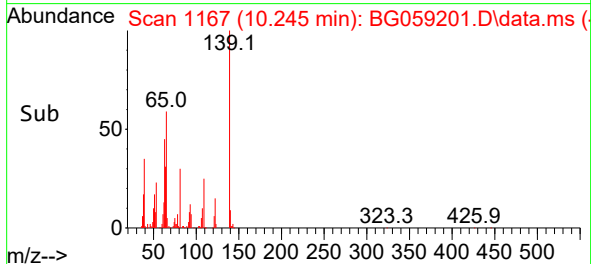
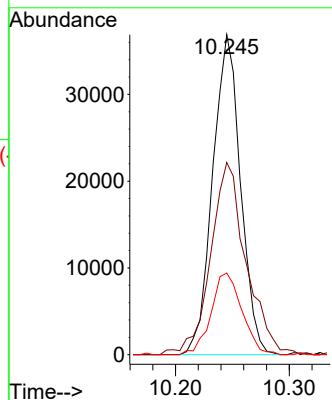
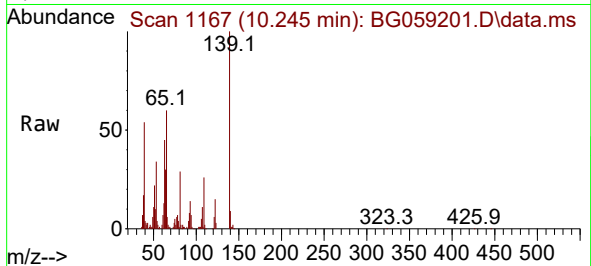




#25
2-Nitrophenol
Concen: 51.121 ng/ul
RT: 10.245 min Scan# 1167
Delta R.T. -0.017 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

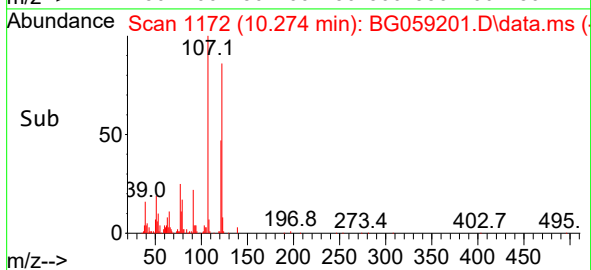
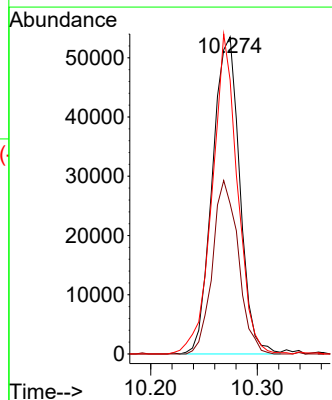
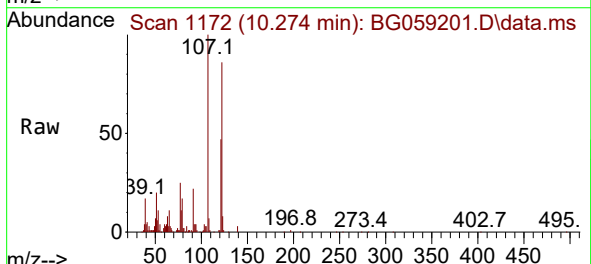
Instrument :
BNA_G
ClientSampleId :
SLCS814

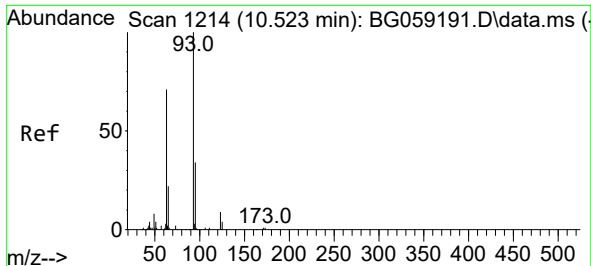
Tgt Ion:139 Resp: 62807
Ion Ratio Lower Upper
139 100
65 60.1 46.4 69.6
109 25.5 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 41.387 ng/ul
RT: 10.274 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:107 Resp: 95067
Ion Ratio Lower Upper
107 100
121 47.4 41.4 62.0
122 86.4 80.6 120.8





#27

Bis(2-Chloroethoxy)methane

Concen: 51.547 ng/ul

RT: 10.527 min Scan# 1215

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

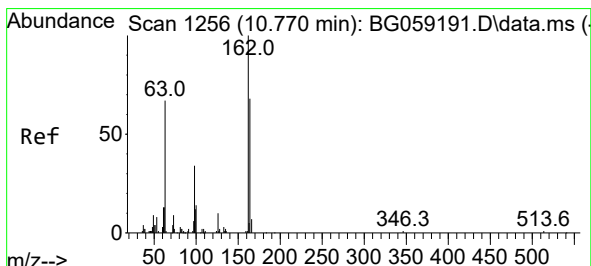
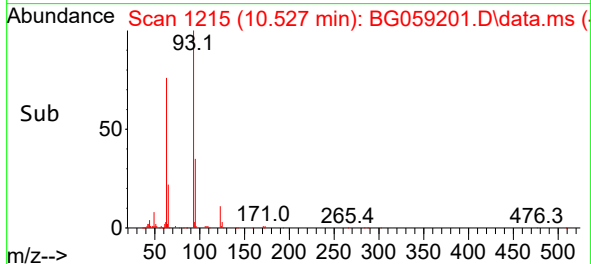
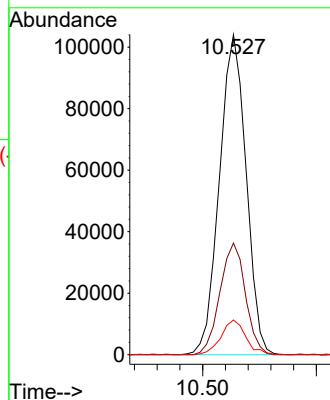
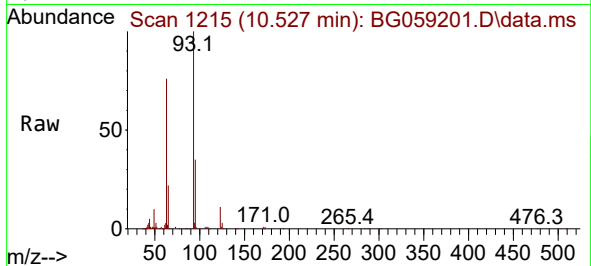
Tgt Ion: 93 Resp: 169473

Ion Ratio Lower Upper

93 100

95 34.9 26.1 39.1

123 10.9 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 53.480 ng/ul

RT: 10.768 min Scan# 1256

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

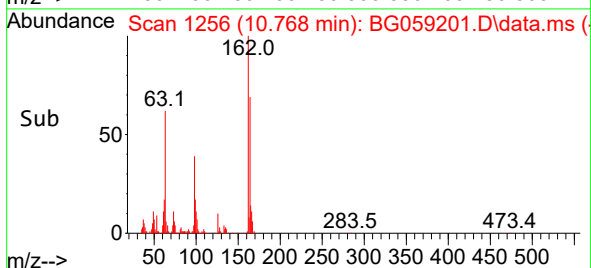
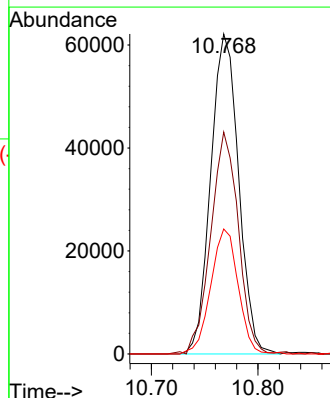
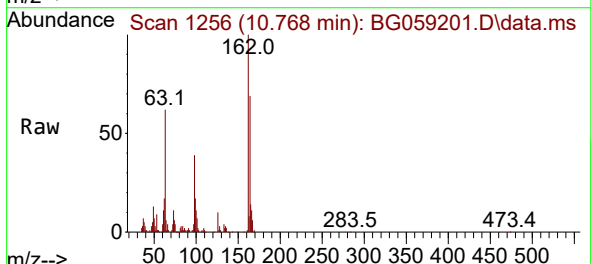
Tgt Ion:162 Resp: 112835

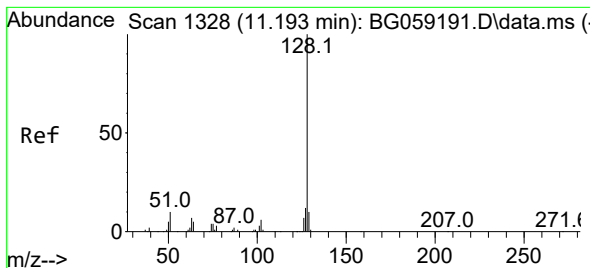
Ion Ratio Lower Upper

162 100

164 69.4 49.8 74.8

98 39.1 25.9 38.9#

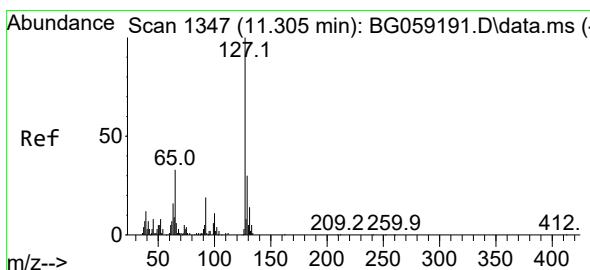
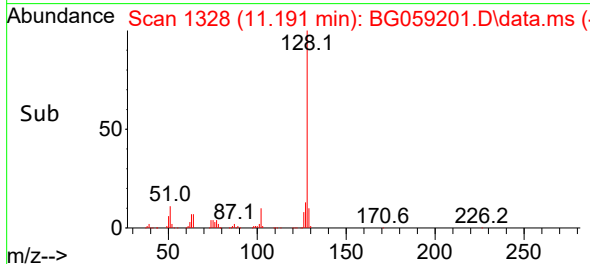
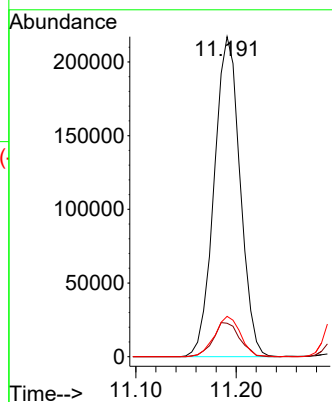
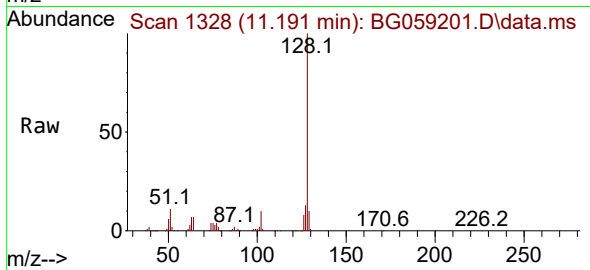




#30
Naphthalene
Concen: 51.505 ng/ul
RT: 11.191 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

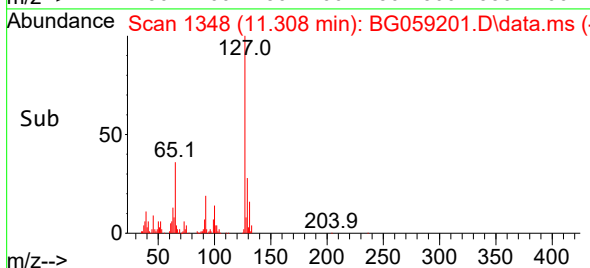
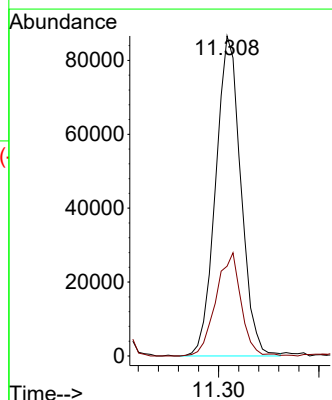
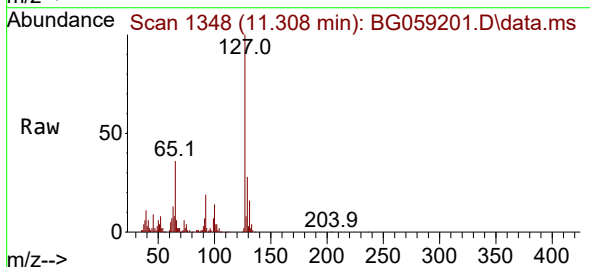
Instrument :
BNA_G
ClientSampleId :
SLCS814

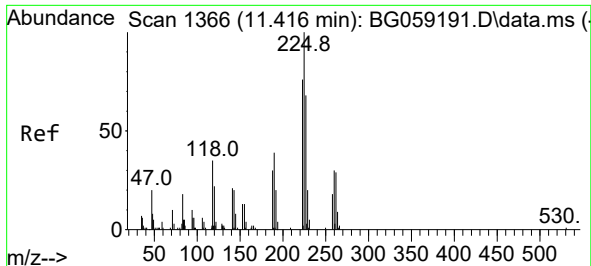
Tgt Ion:128 Resp: 388698
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.6 10.2 15.4



#32
4-Chloroaniline
Concen: 47.024 ng/ul
RT: 11.308 min Scan# 1348
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:127 Resp: 150792
Ion Ratio Lower Upper
127 100
129 28.0 27.2 40.8

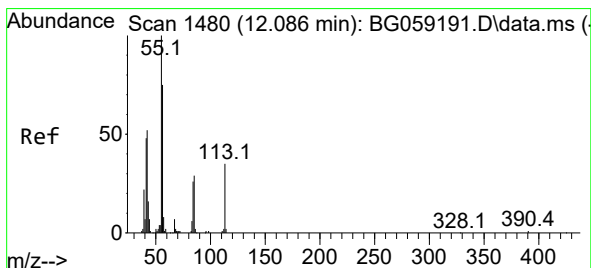
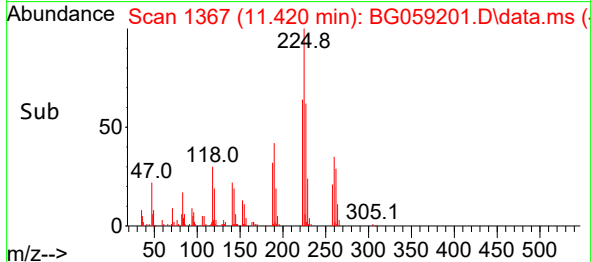
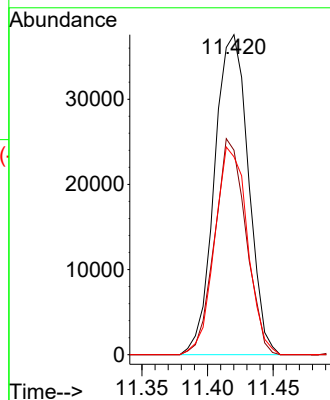
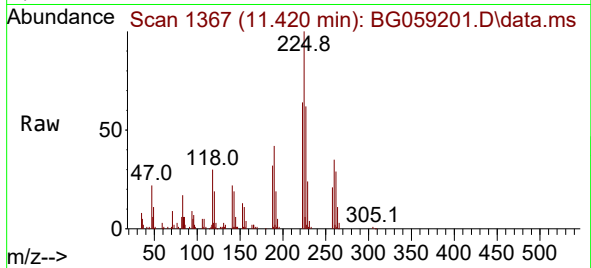




#33
Hexachlorobutadiene
Concen: 49.701 ng/ul
RT: 11.420 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

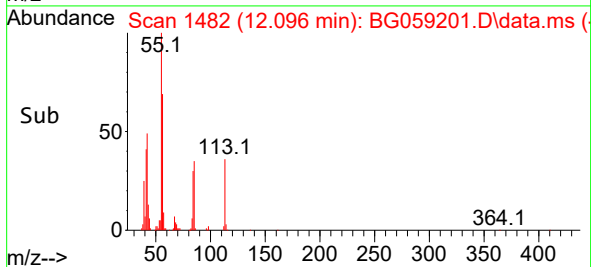
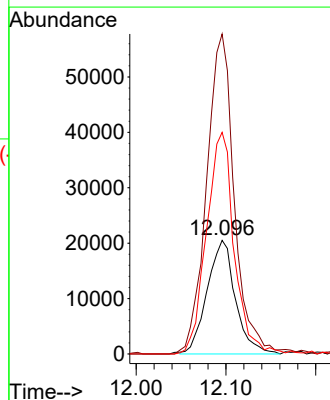
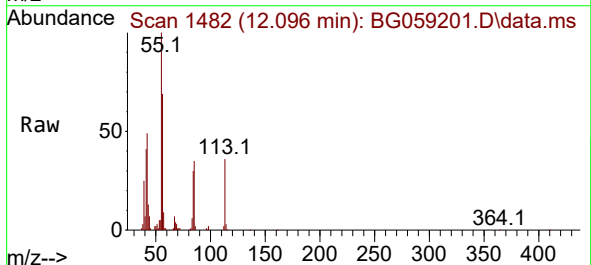
Instrument :
BNA_G
ClientSampleId :
SLCS814

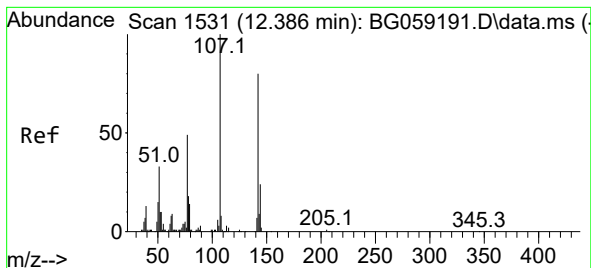
Tgt Ion:225 Resp: 67494
Ion Ratio Lower Upper
225 100
223 63.9 39.0 58.4#
227 61.8 45.7 68.5



#34
Caprolactam
Concen: 58.032 ng/ul
RT: 12.096 min Scan# 1482
Delta R.T. -0.005 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:113 Resp: 44839
Ion Ratio Lower Upper
113 100
55 281.5 157.6 236.4#
56 195.0 112.3 168.5#

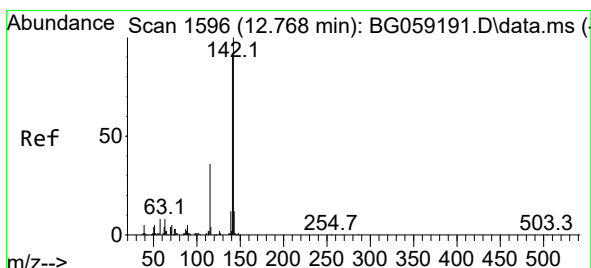
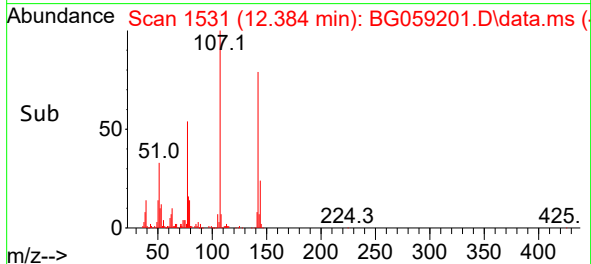
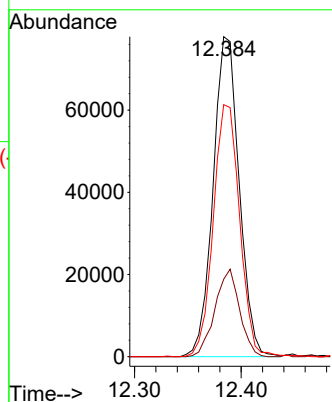
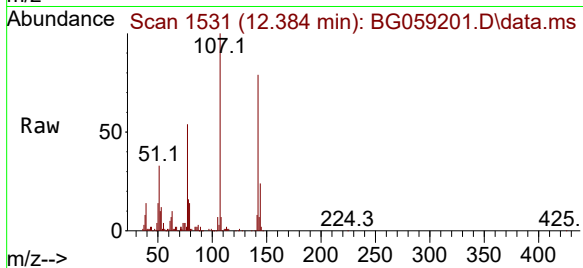




#35
4-Chloro-3-methylphenol
Concen: 59.510 ng/ul
RT: 12.384 min Scan# 1531
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

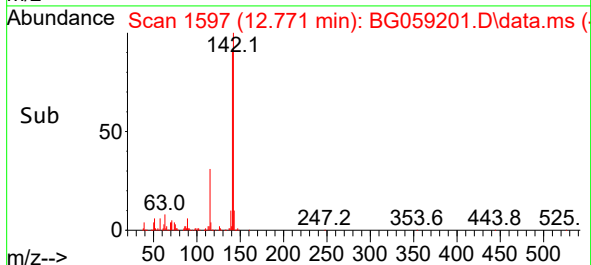
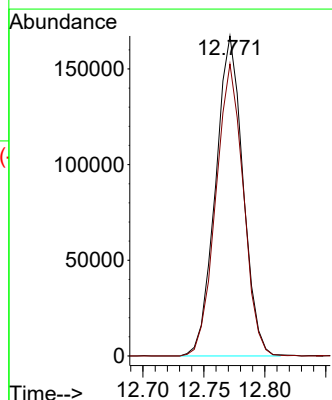
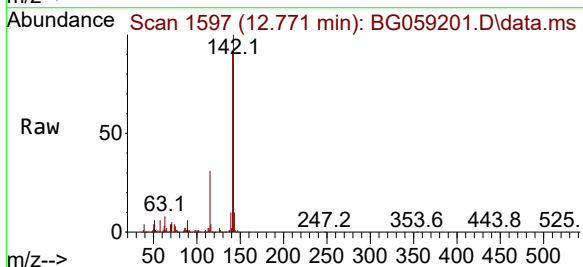
Instrument :
BNA_G
ClientSampleId :
SLCS814

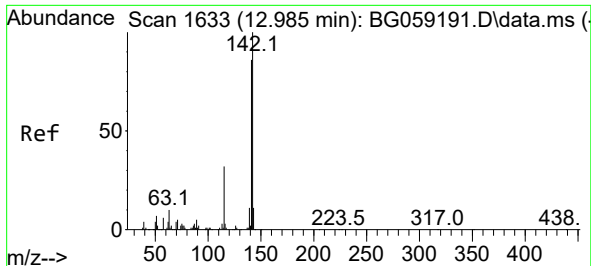
Tgt Ion:107 Resp: 132253
Ion Ratio Lower Upper
107 100
144 24.2 20.1 30.1
142 78.8 62.7 94.1



#36
2-Methylnaphthalene
Concen: 52.005 ng/ul
RT: 12.771 min Scan# 1597
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:142 Resp: 262126
Ion Ratio Lower Upper
142 100
141 91.3 70.6 106.0





#37

1-Methylnaphthalene

Concen: 53.441 ng/ul

RT: 12.989 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

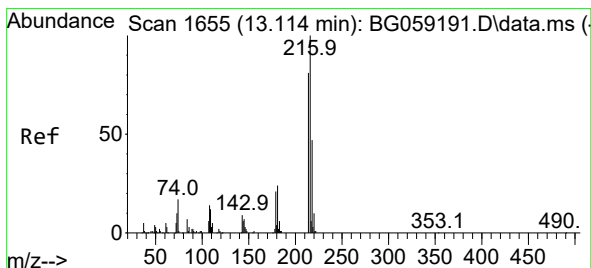
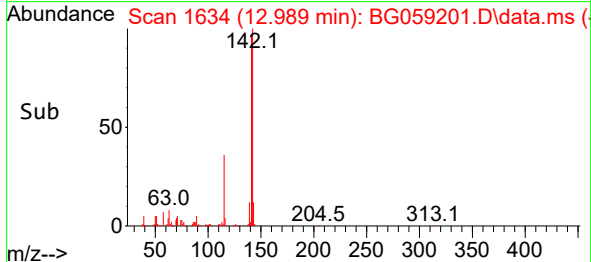
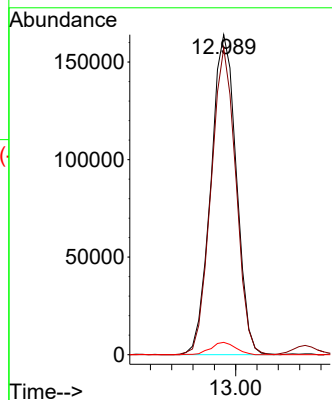
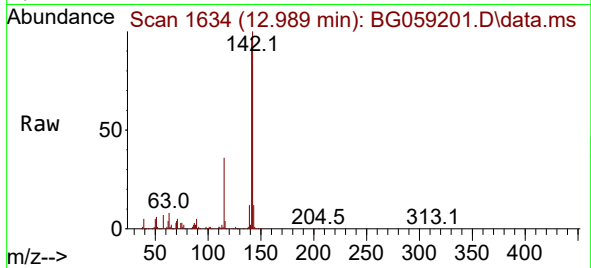
Tgt Ion:142 Resp: 272099

Ion Ratio Lower Upper

142 100

141 95.8 72.0 108.0

116 3.9 2.7 4.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.032 ng/ul

RT: 13.112 min Scan# 1655

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Tgt Ion:216 Resp: 144328

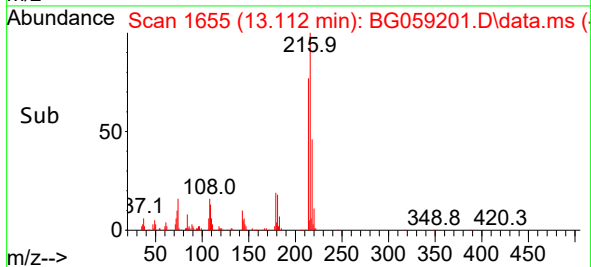
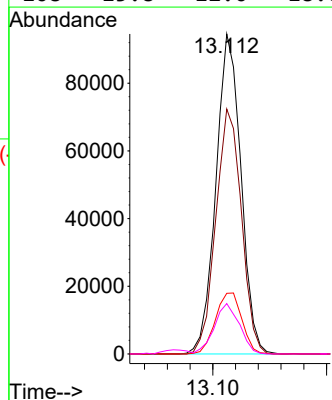
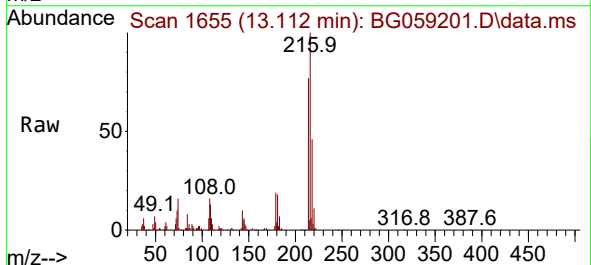
Ion Ratio Lower Upper

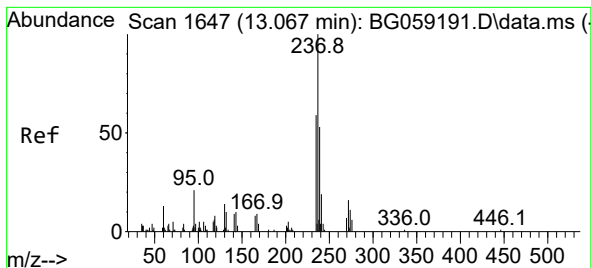
216 100

214 76.5 62.6 94.0

179 19.0 16.0 24.0

108 15.8 12.0 18.0





#40

Hexachlorocyclopentadiene

Concen: 36.725 ng/ul

RT: 13.065 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

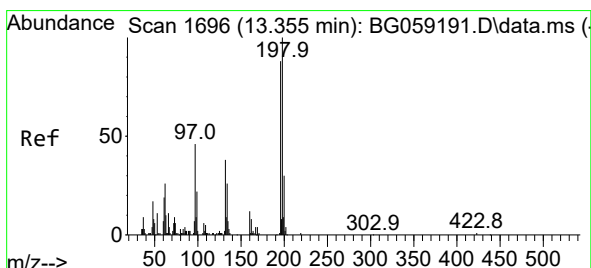
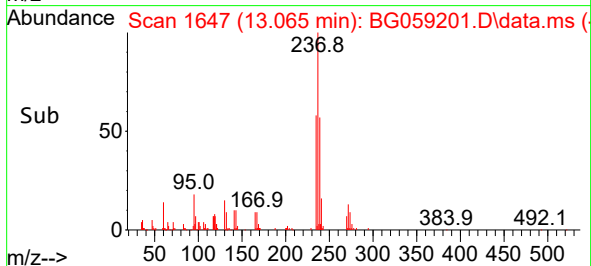
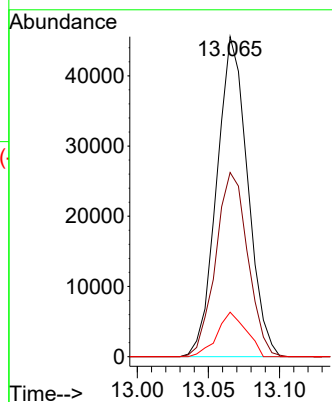
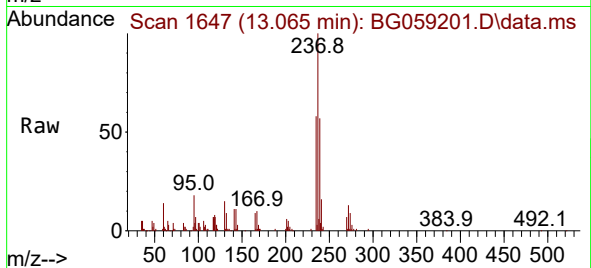
Tgt Ion:237 Resp: 68918

Ion Ratio Lower Upper

237 100

235 57.6 51.6 77.4

272 13.9 10.6 15.8



#41

2,4,6-Trichlorophenol

Concen: 52.007 ng/ul

RT: 13.359 min Scan# 1697

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

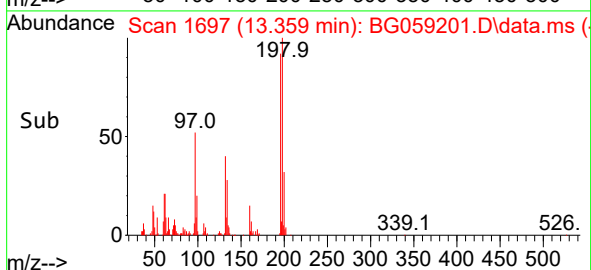
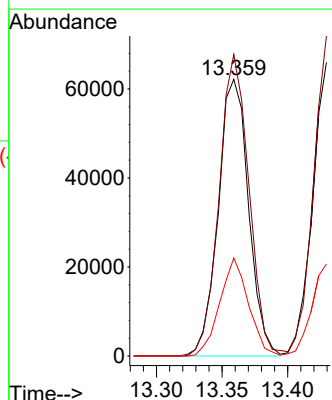
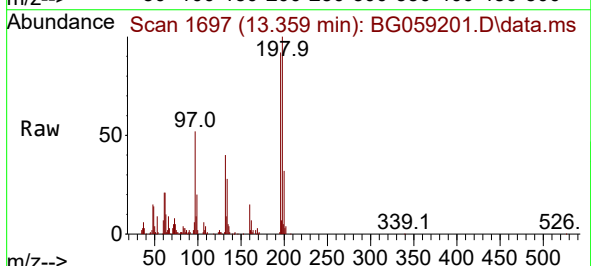
Tgt Ion:196 Resp: 99966

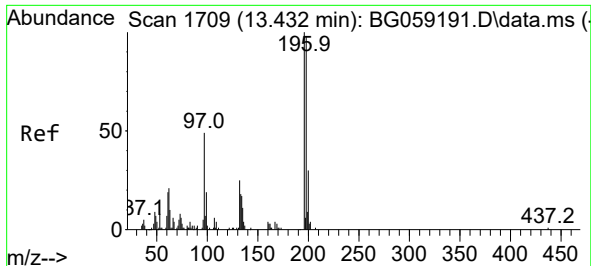
Ion Ratio Lower Upper

196 100

198 109.0 78.5 117.7

200 35.4 24.4 36.6

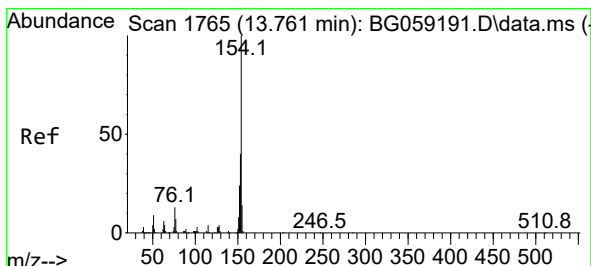
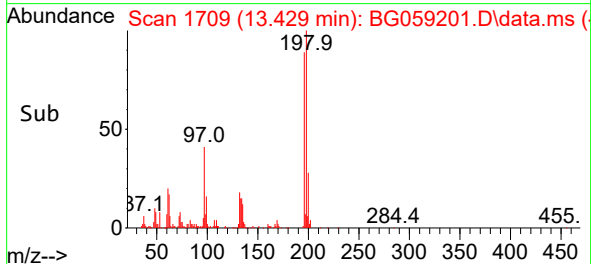
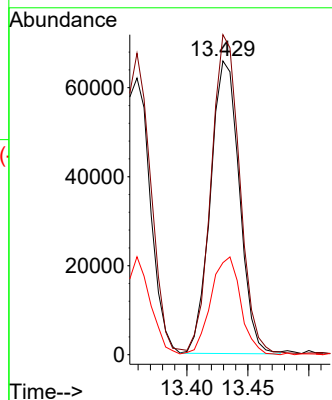
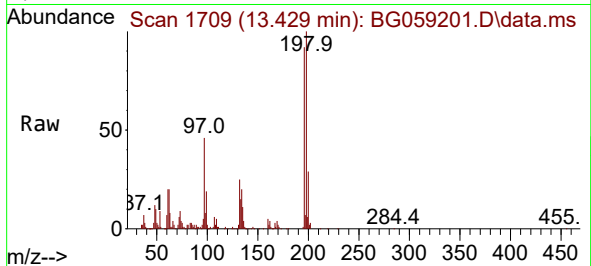




#42
2,4,5-Trichlorophenol
Concen: 52.183 ng/ul
RT: 13.429 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

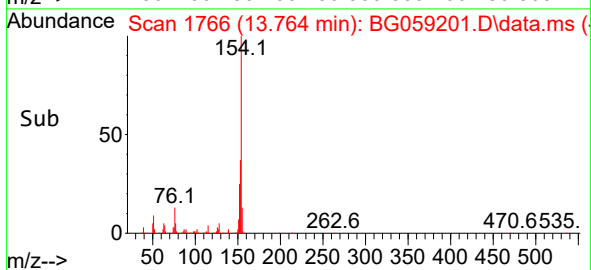
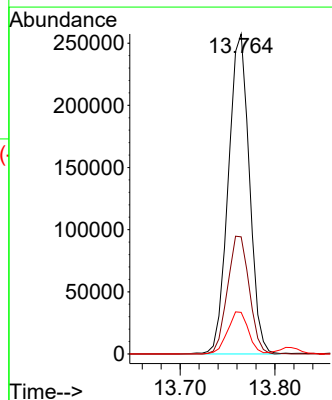
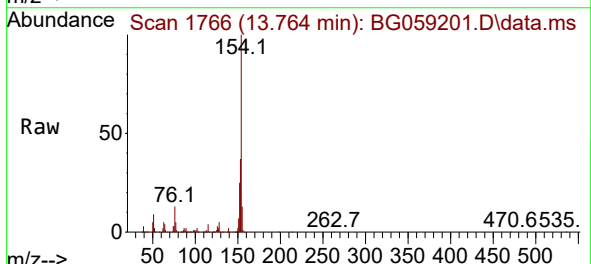
Instrument :
BNA_G
ClientSampleId :
SLCS814

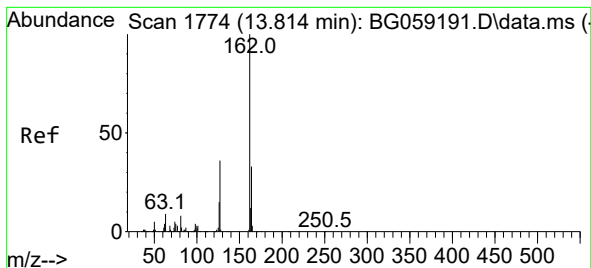
Tgt Ion:196 Resp: 108497
Ion Ratio Lower Upper
196 100
198 109.0 81.0 121.6
200 31.3 27.1 40.7



#43
1,1'-Biphenyl
Concen: 49.561 ng/ul
RT: 13.764 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:154 Resp: 397198
Ion Ratio Lower Upper
154 100
153 36.6 33.2 49.8
76 13.0 9.8 14.8





#44

2-Chloronaphthalene

Concen: 49.700 ng/ul

RT: 13.817 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

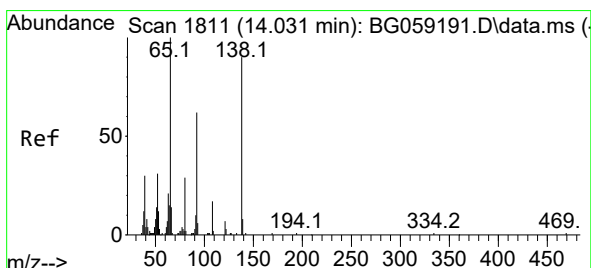
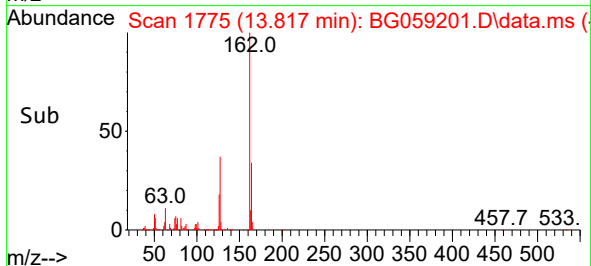
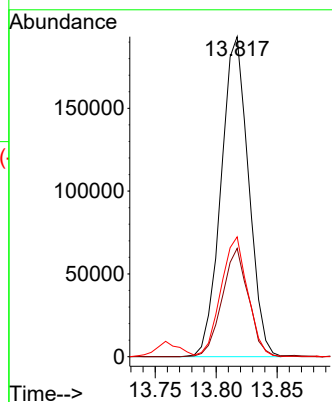
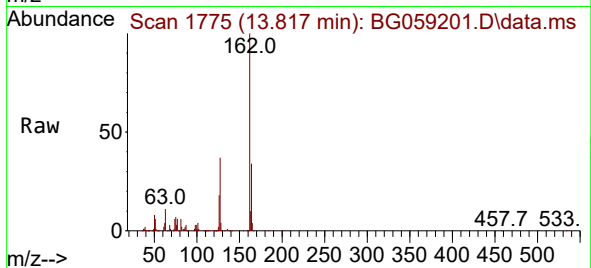
Tgt Ion:162 Resp: 304127

Ion Ratio Lower Upper

162 100

164 33.8 27.2 40.8

127 37.4 27.4 41.2



#45

2-Nitroaniline

Concen: 53.904 ng/ul

RT: 14.035 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

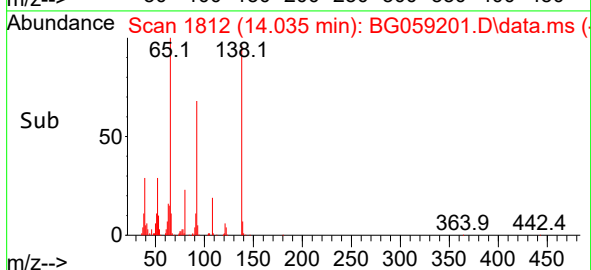
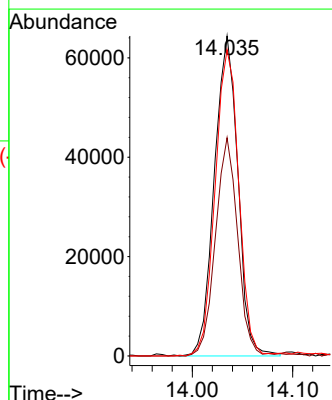
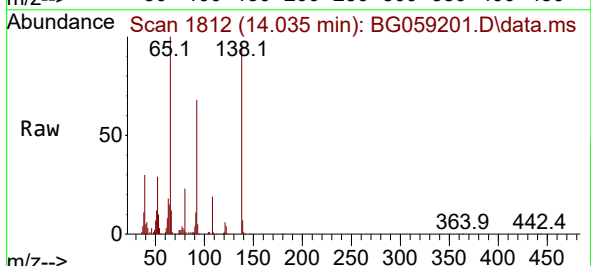
Tgt Ion: 65 Resp: 104558

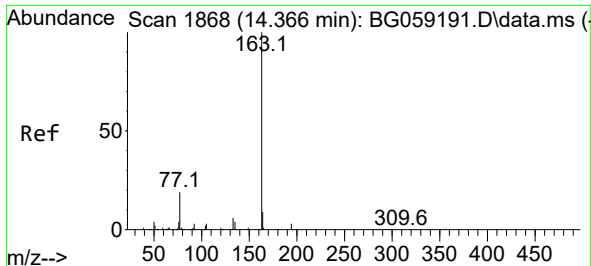
Ion Ratio Lower Upper

65 100

92 68.2 53.6 80.4

138 95.7 79.8 119.6

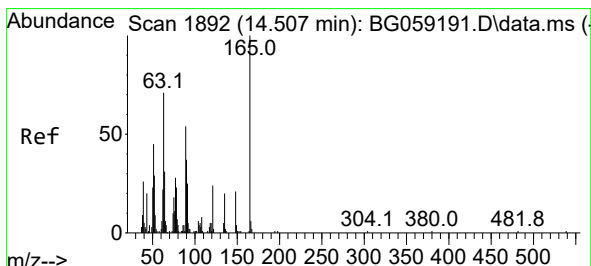
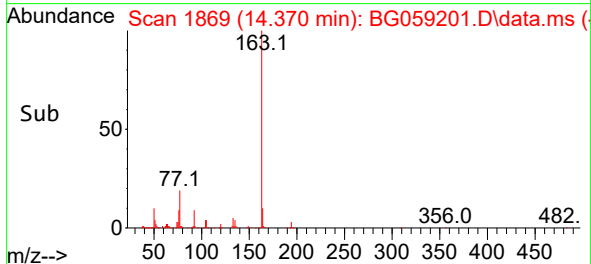
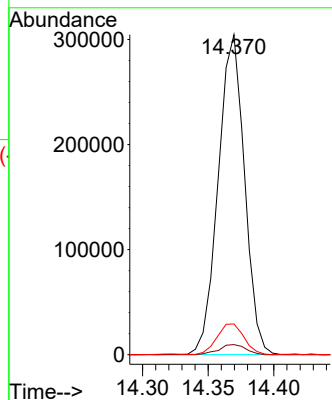
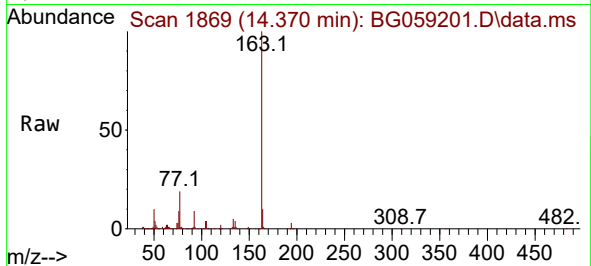




#47
Dimethylphthalate
Concen: 53.678 ng/ul
RT: 14.370 min Scan# 1869
Delta R.T. -0.005 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

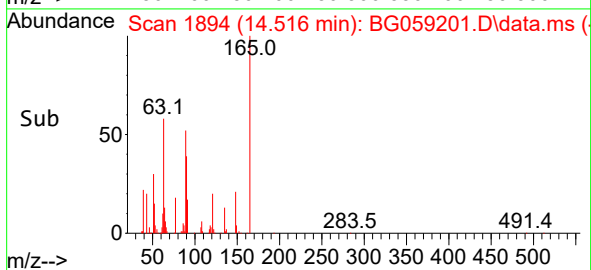
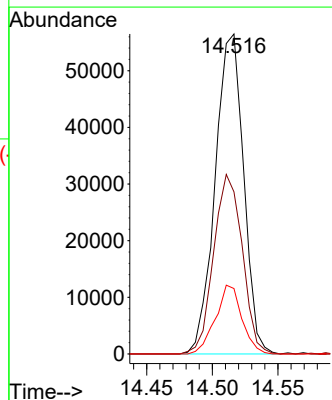
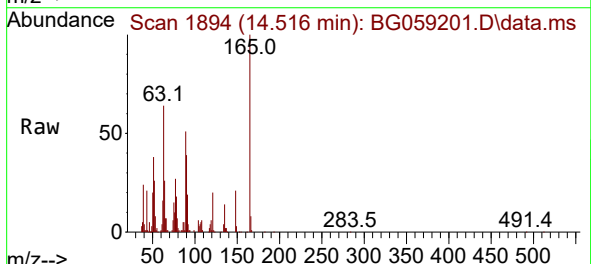
Instrument :
BNA_G
ClientSampleId :
SLCS814

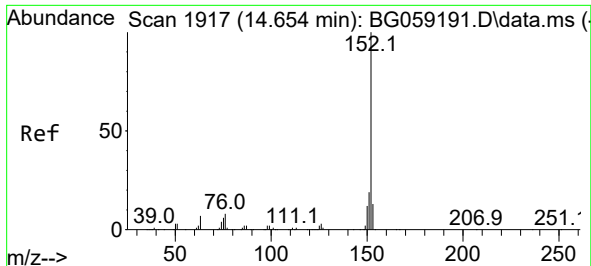
Tgt Ion:163 Resp: 423358
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.6 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 58.501 ng/ul
RT: 14.516 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:165 Resp: 85262
Ion Ratio Lower Upper
165 100
89 50.7 38.7 58.1
121 20.4 13.4 20.0#

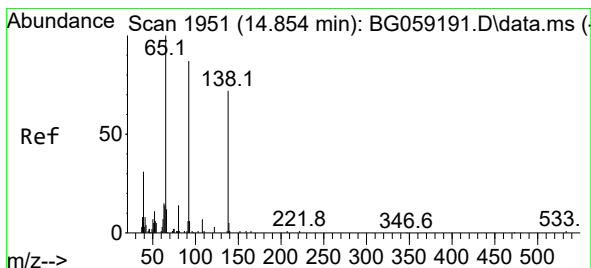
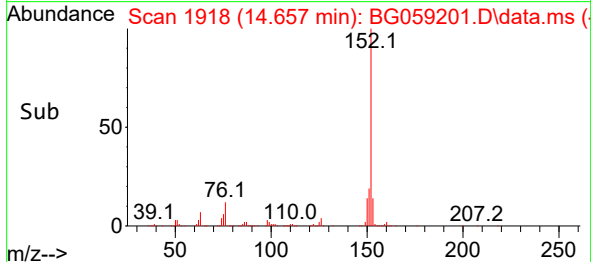
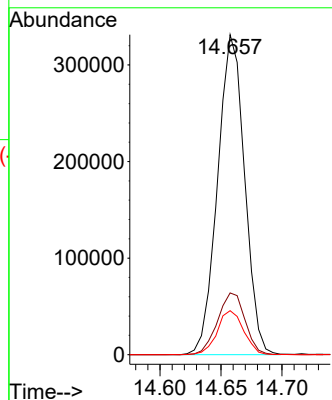
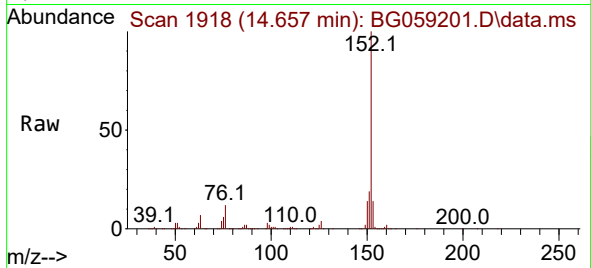




#50
Acenaphthylene
Concen: 50.967 ng/ul
RT: 14.657 min Scan# 1917
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

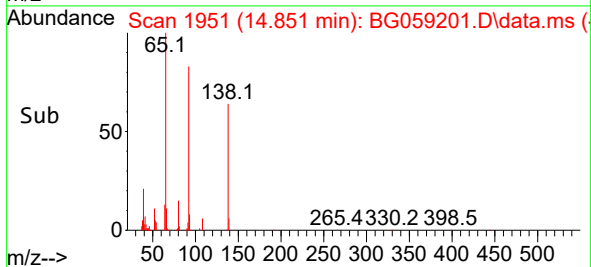
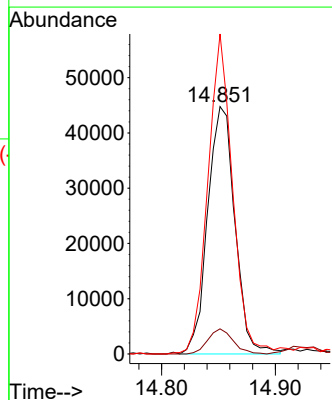
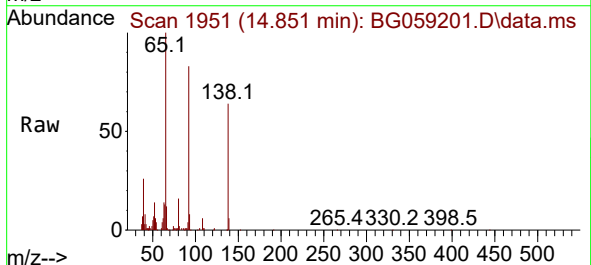
Instrument :
BNA_G
ClientSampleId :
SLCS814

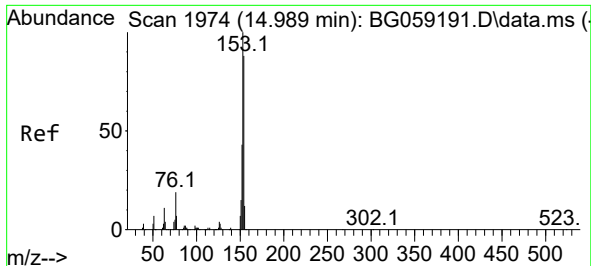
Tgt Ion:152 Resp: 511853
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.8 11.3 16.9



#51
3-Nitroaniline
Concen: 46.433 ng/ul
RT: 14.851 min Scan# 1951
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:138 Resp: 74670
Ion Ratio Lower Upper
138 100
108 10.1 7.4 11.2
92 129.4 93.4 140.0

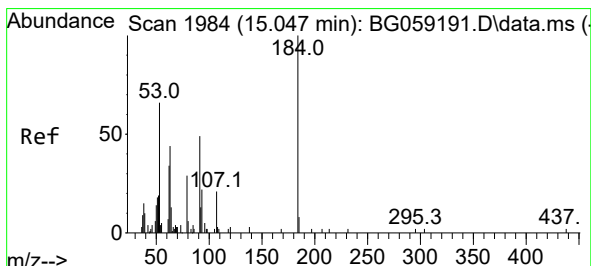
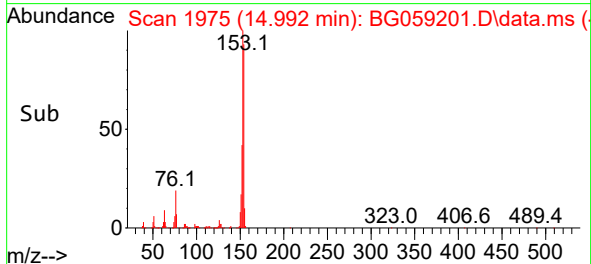
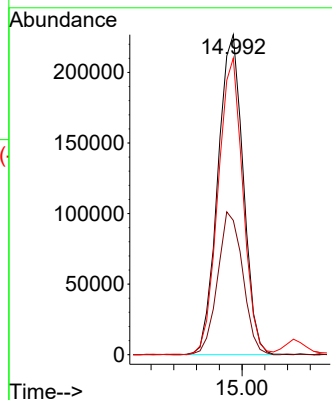
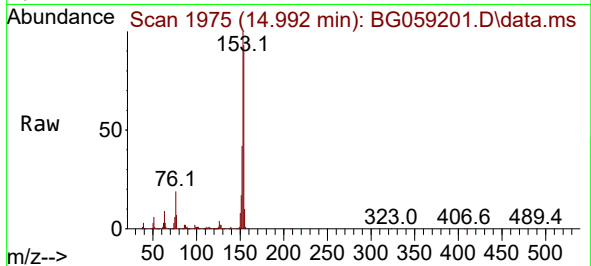




#52
Acenaphthene
Concen: 51.627 ng/ul
RT: 14.992 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

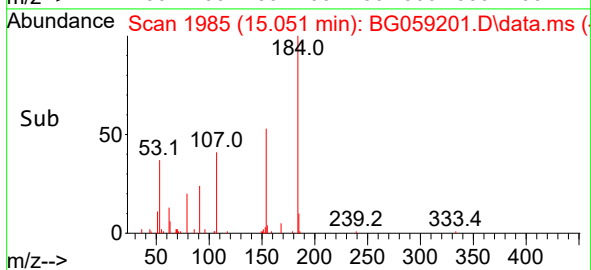
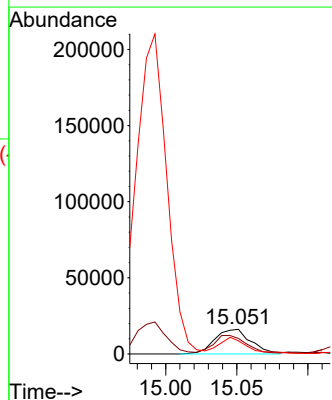
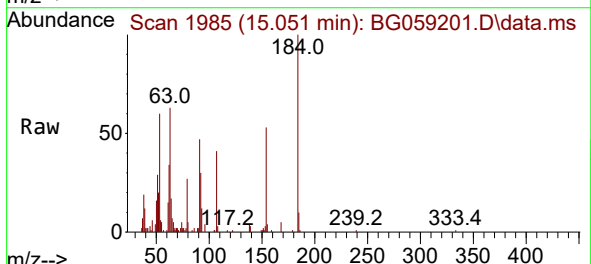
Instrument :
BNA_G
ClientSampleId :
SLCS814

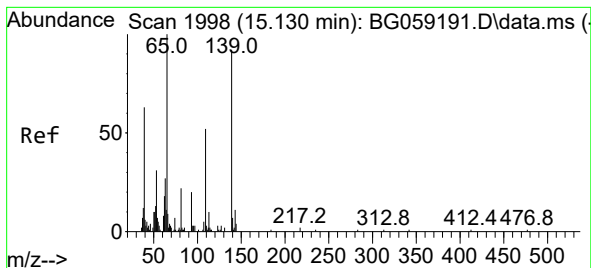
Tgt Ion:153 Resp: 351597
Ion Ratio Lower Upper
153 100
152 41.9 36.0 54.0
154 92.7 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 32.657 ng/ul
RT: 15.051 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:184 Resp: 28679
Ion Ratio Lower Upper
184 100
63 62.6 53.5 80.3
154 53.2 54.6 81.8#

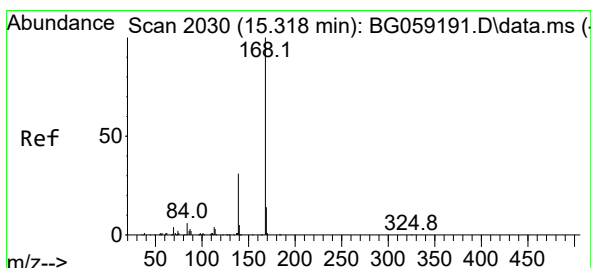
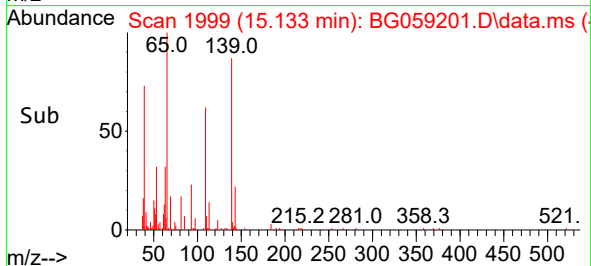
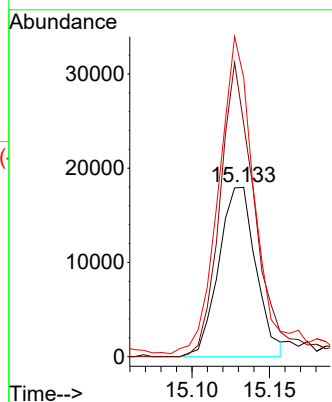
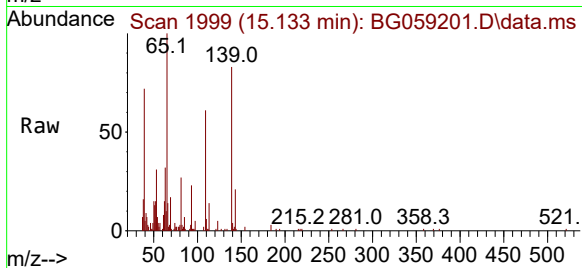




#55
4-Nitrophenol
Concen: 32.194 ng/ul
RT: 15.133 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

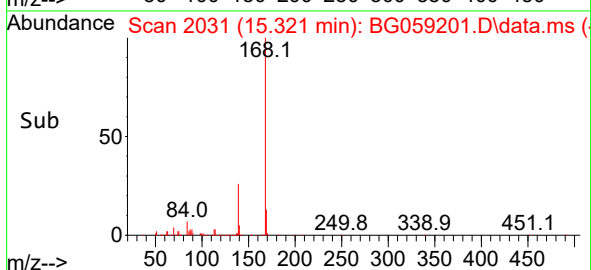
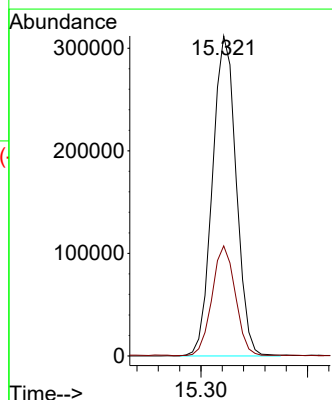
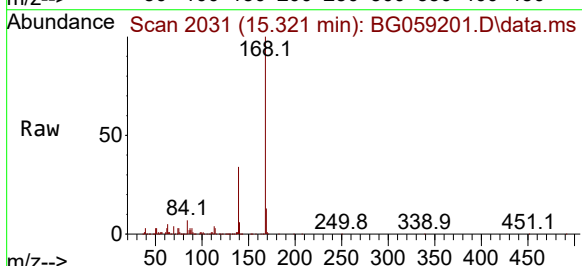
Instrument :
BNA_G
ClientSampleId :
SLCS814

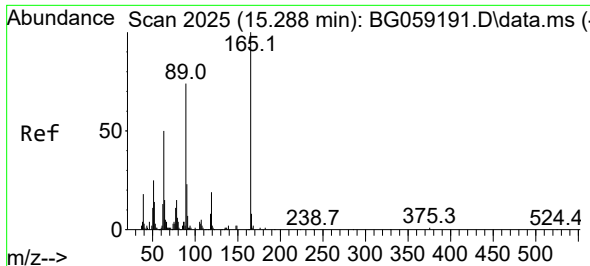
Tgt Ion:109 Resp: 29976
Ion Ratio Lower Upper
109 100
139 137.4 114.5 171.7
65 164.6 132.1 198.1



#56
Dibenzofuran
Concen: 53.431 ng/ul
RT: 15.321 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:168 Resp: 482651
Ion Ratio Lower Upper
168 100
139 34.4 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 58.055 ng/ul

RT: 15.292 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

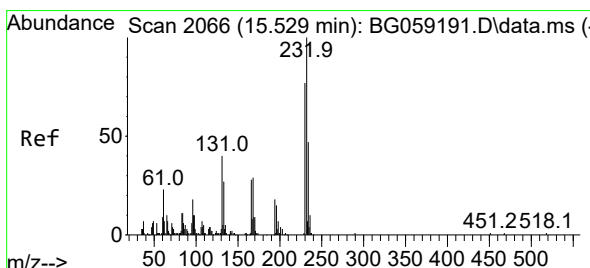
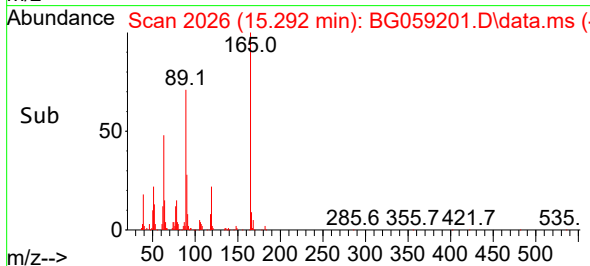
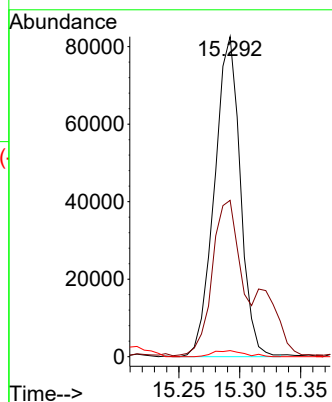
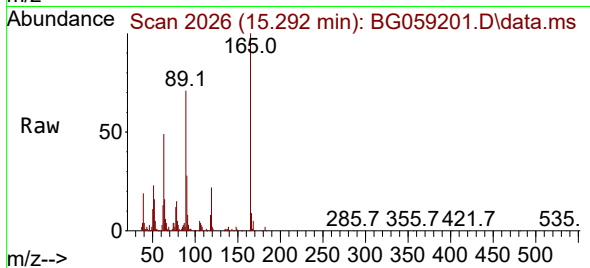
Tgt Ion:165 Resp: 121986

Ion Ratio Lower Upper

165 100

63 48.9 40.0 60.0

182 1.9 2.1 3.1#



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.103 ng/ul

RT: 15.533 min Scan# 2067

Delta R.T. -0.005 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Tgt Ion:232 Resp: 107973

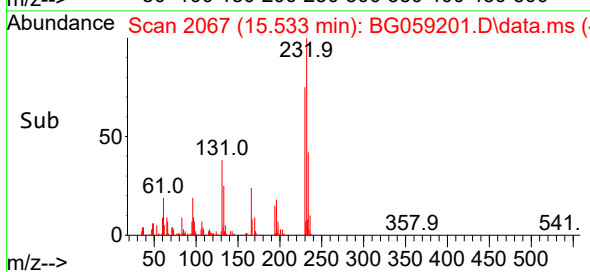
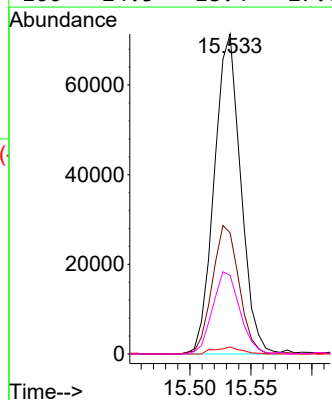
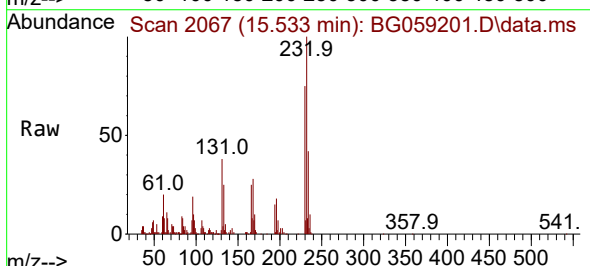
Ion Ratio Lower Upper

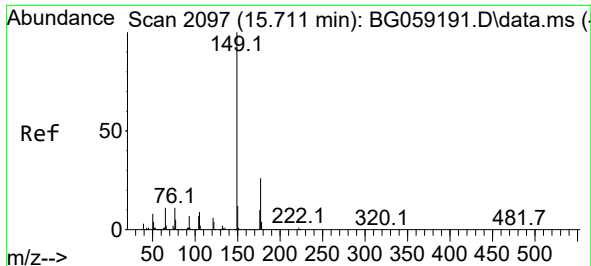
232 100

131 37.8 25.8 38.8

130 2.2 1.8 2.6

166 24.5 18.4 27.6

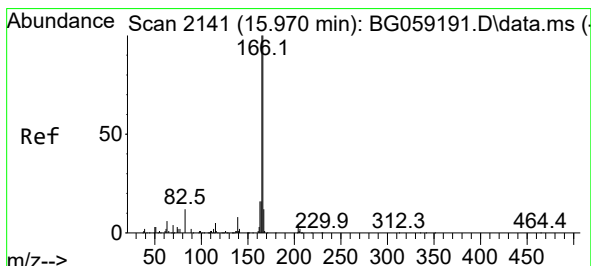
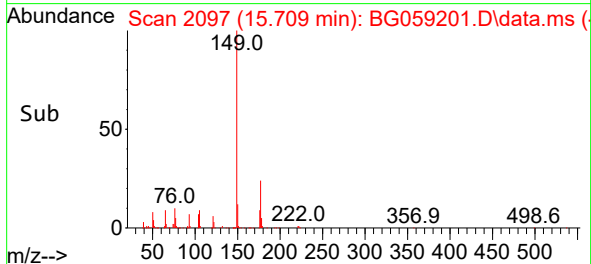
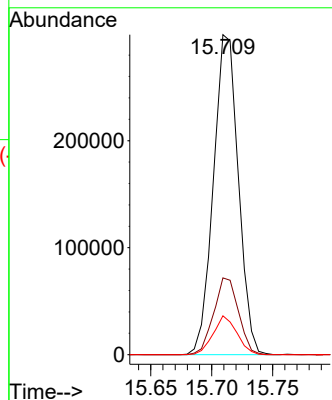
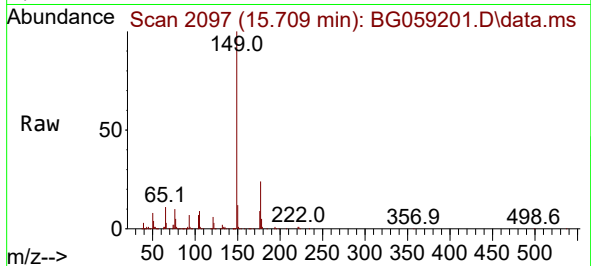




#59
Diethylphthalate
Concen: 54.768 ng/ul
RT: 15.709 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

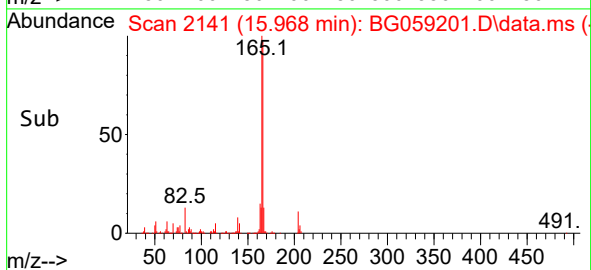
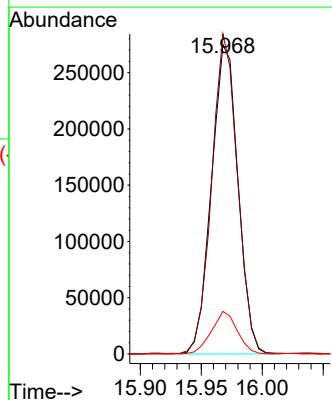
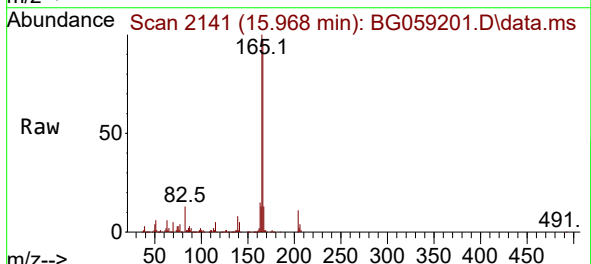
Instrument :
BNA_G
ClientSampleId :
SLCS814

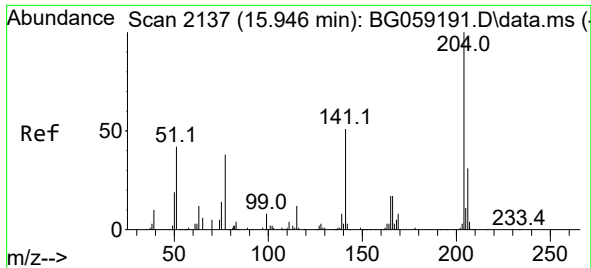
Tgt Ion:149 Resp: 425640
Ion Ratio Lower Upper
149 100
177 24.0 19.4 29.2
150 12.2 9.8 14.8



#61
Fluorene
Concen: 54.082 ng/ul
RT: 15.968 min Scan# 2141
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:166 Resp: 417141
Ion Ratio Lower Upper
166 100
165 103.4 81.6 122.4
167 13.7 12.1 18.1

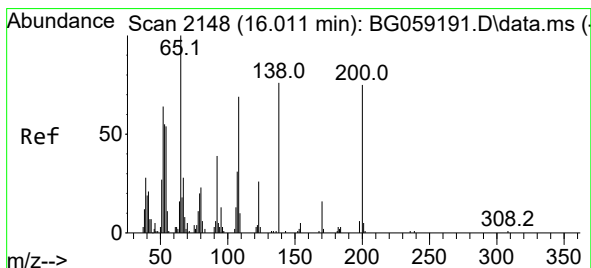
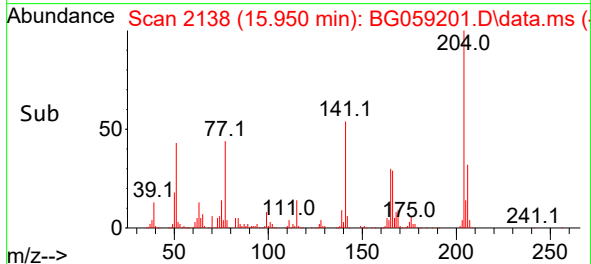
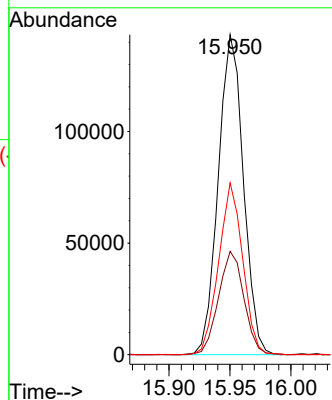
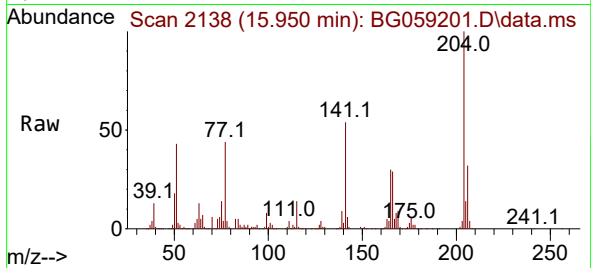




#62
4-Chlorophenyl-phenylether
Concen: 53.815 ng/ul
RT: 15.950 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

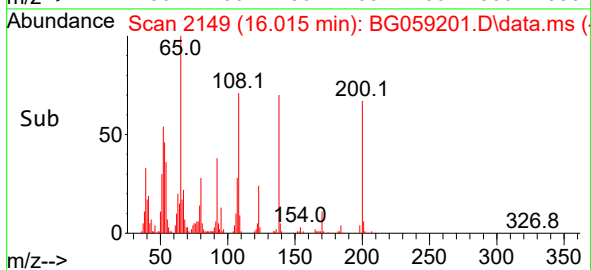
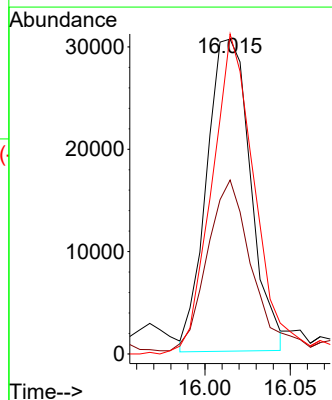
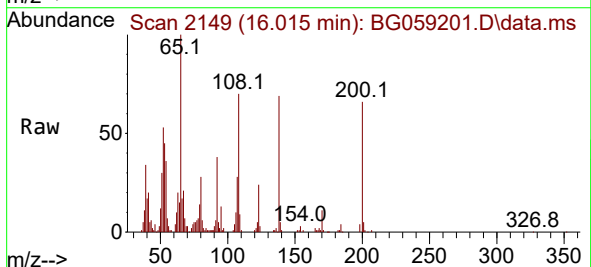
Instrument :
BNA_G
ClientSampleId :
SLCS814

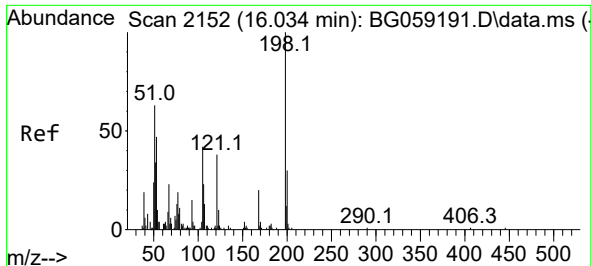
Tgt Ion:204 Resp: 206011
Ion Ratio Lower Upper
204 100
206 32.3 28.2 42.2
141 53.7 43.4 65.0



#63
4-Nitroaniline
Concen: 36.613 ng/ul
RT: 16.015 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:138 Resp: 54578
Ion Ratio Lower Upper
138 100
92 55.3 39.0 58.6
108 101.6 53.5 80.3#

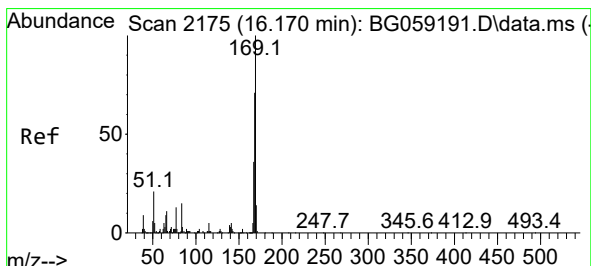
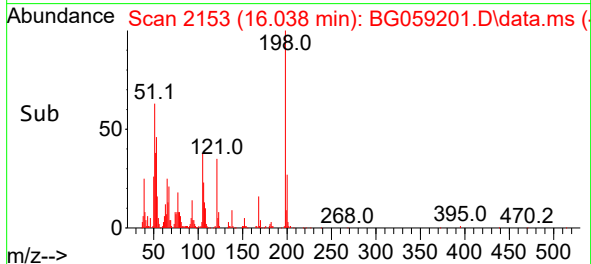
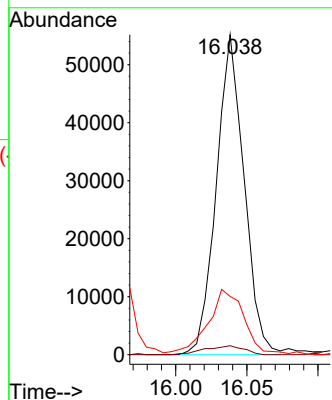
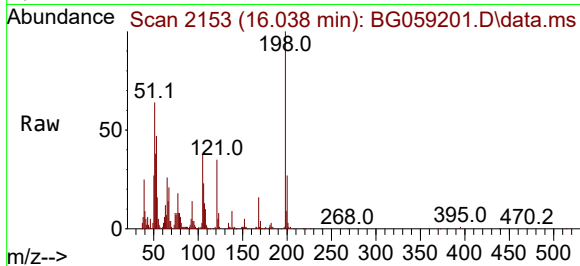




#66
4,6-Dinitro-2-methylphenol
Concen: 49.939 ng/ul
RT: 16.038 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

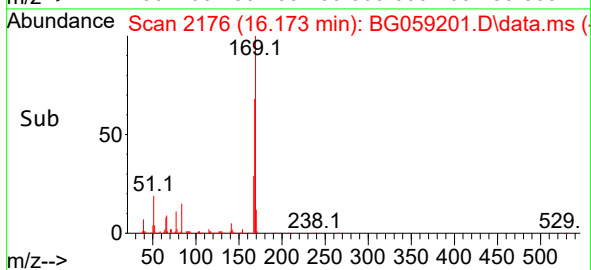
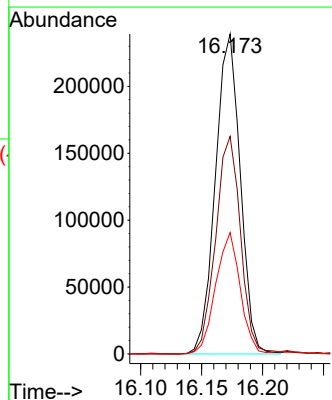
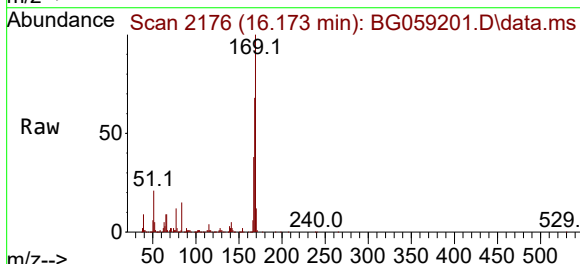
Instrument :
BNA_G
ClientSampleId :
SLCS814

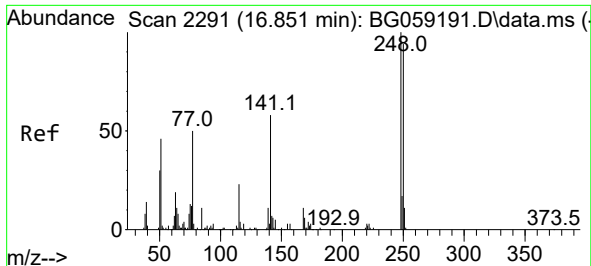
Tgt Ion:198 Resp: 74869
Ion Ratio Lower Upper
198 100
182 2.8 3.5 5.3#
77 18.2 17.3 25.9



#67
N-Nitrosodiphenylamine
Concen: 52.192 ng/ul
RT: 16.173 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:169 Resp: 339969
Ion Ratio Lower Upper
169 100
168 68.0 52.1 78.1
167 38.0 30.5 45.7

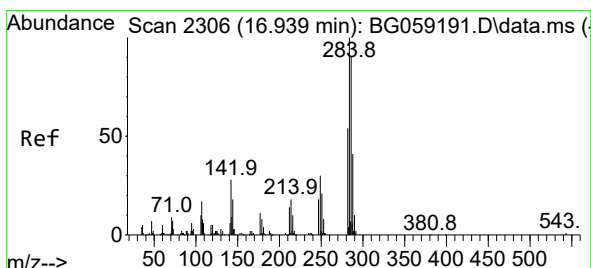
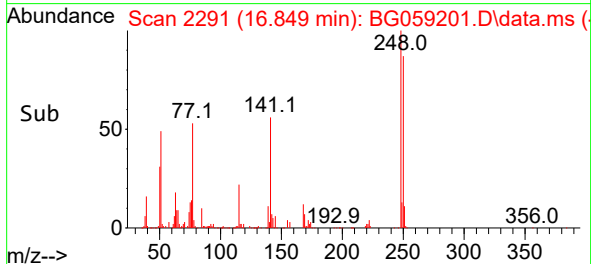
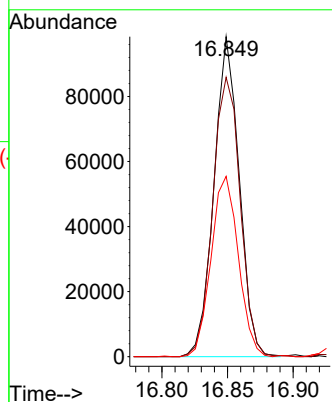
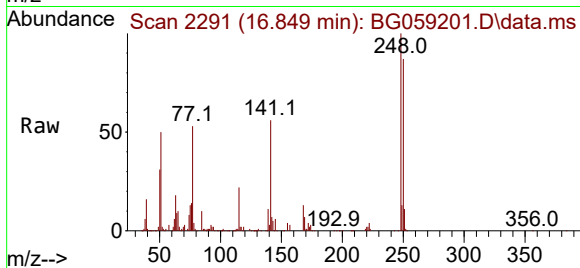




#68
4-Bromophenyl-phenylether
Concen: 55.323 ng/ul
RT: 16.849 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

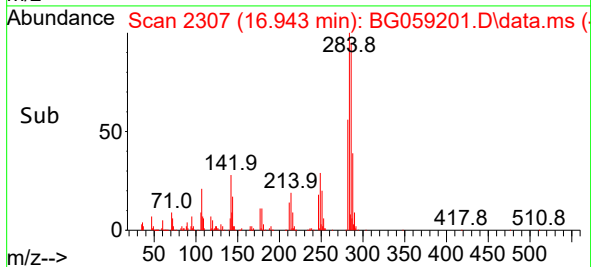
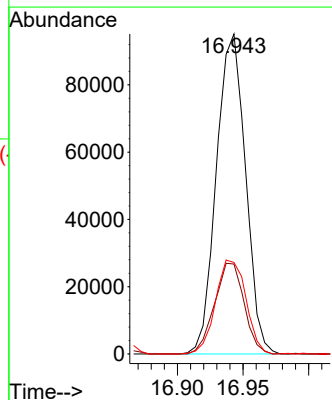
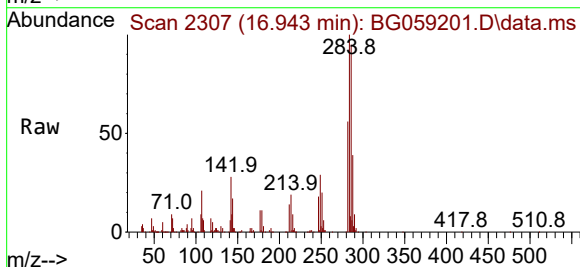
Instrument :
BNA_G
ClientSampleId :
SLCS814

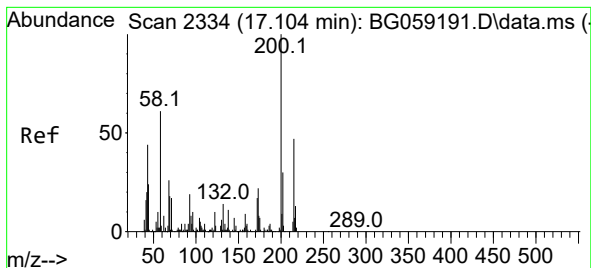
Tgt Ion:248 Resp: 131689
Ion Ratio Lower Upper
248 100
250 87.3 81.8 122.8
141 56.4 50.0 75.0



#69
Hexachlorobenzene
Concen: 53.873 ng/ul
RT: 16.943 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:284 Resp: 146885
Ion Ratio Lower Upper
284 100
142 28.1 23.2 34.8
249 28.6 27.8 41.8





#70

Atrazine

Concen: 47.290 ng/ul

RT: 17.108 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

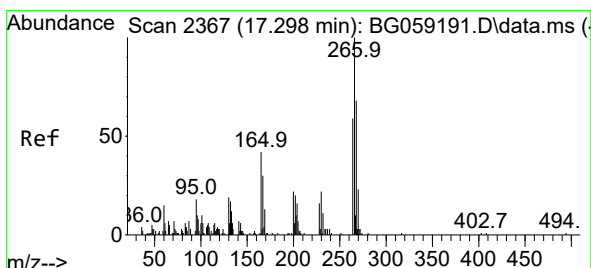
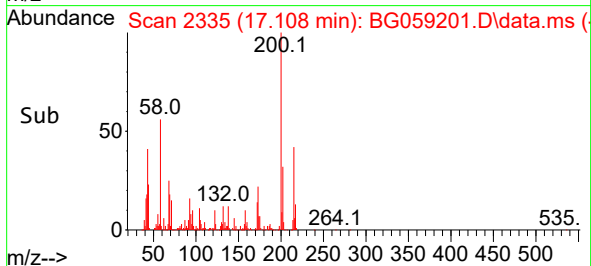
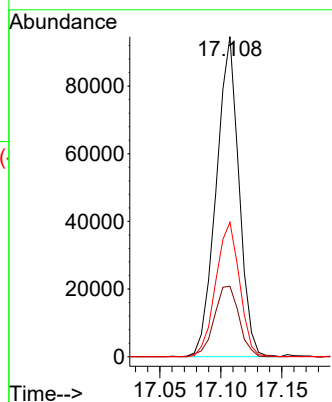
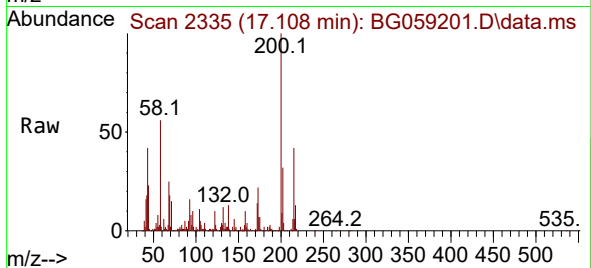
Tgt Ion:200 Resp: 122565

Ion Ratio Lower Upper

200 100

173 22.0 19.4 29.0

215 42.0 38.5 57.7



#71

Pentachlorophenol

Concen: 40.205 ng/ul

RT: 17.296 min Scan# 2367

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

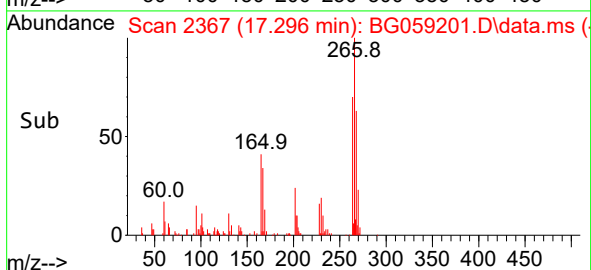
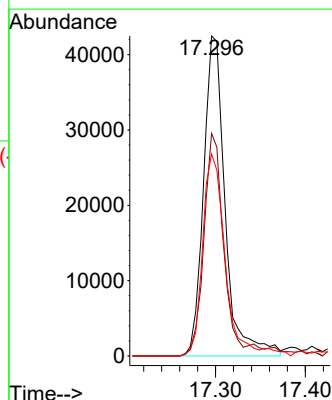
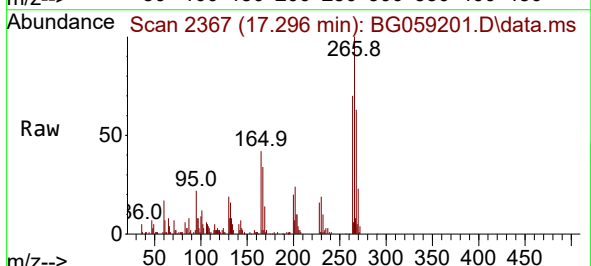
Tgt Ion:266 Resp: 71204

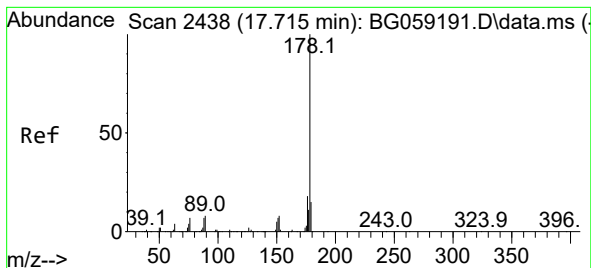
Ion Ratio Lower Upper

266 100

264 69.5 50.6 76.0

268 63.2 56.4 84.6





#72

Phenanthrene

Concen: 52.658 ng/ul

RT: 17.719 min Scan# 2438

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

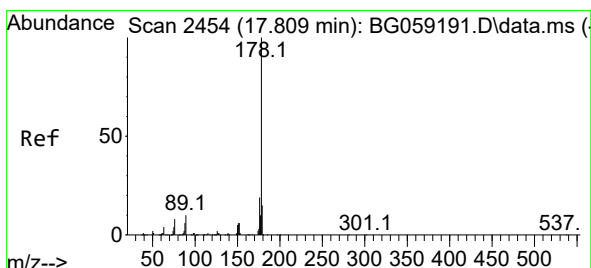
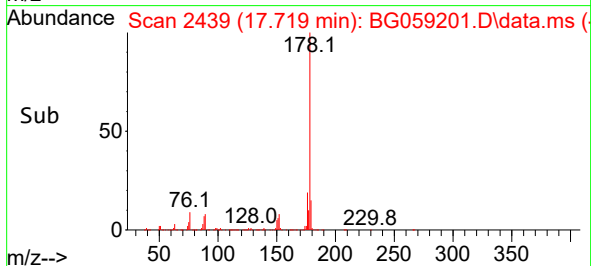
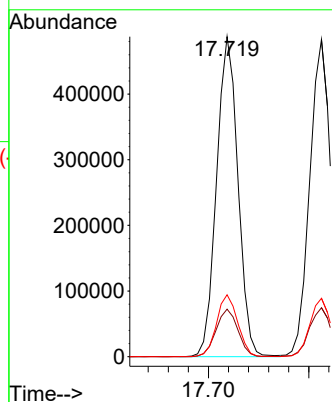
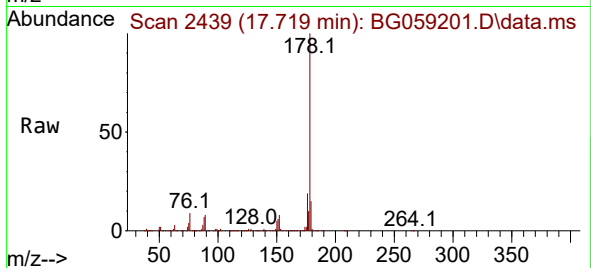
Tgt Ion:178 Resp: 720954

Ion Ratio Lower Upper

178 100

179 14.8 11.8 17.8

176 19.4 14.6 21.8



#74

Anthracene

Concen: 50.650 ng/ul

RT: 17.813 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

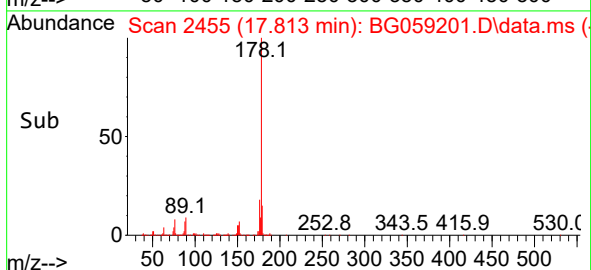
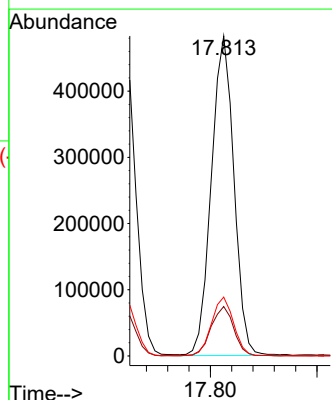
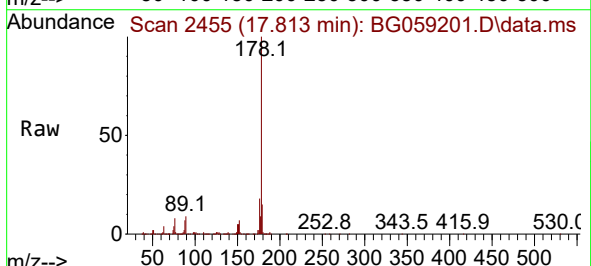
Tgt Ion:178 Resp: 708574

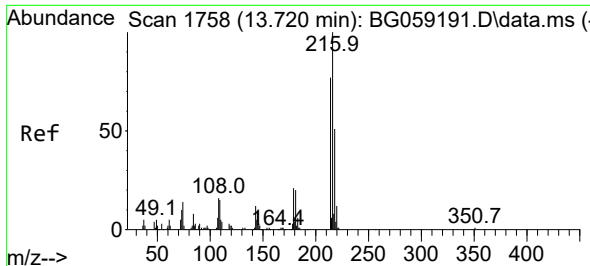
Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.4 14.8 22.2

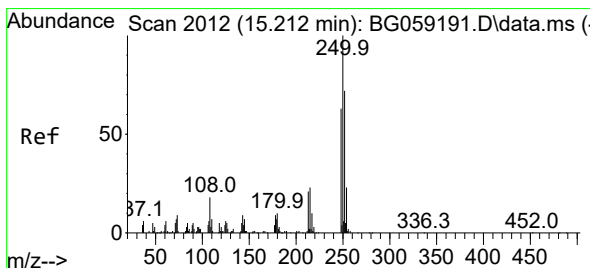
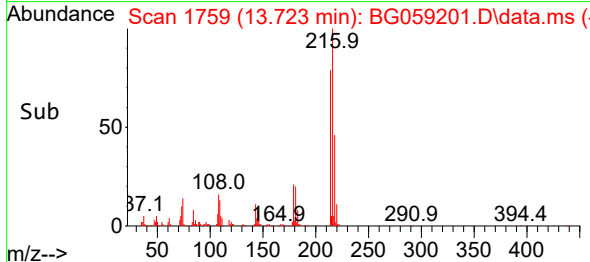
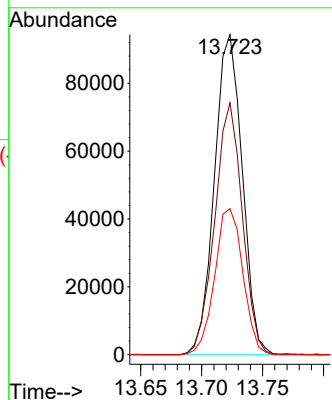
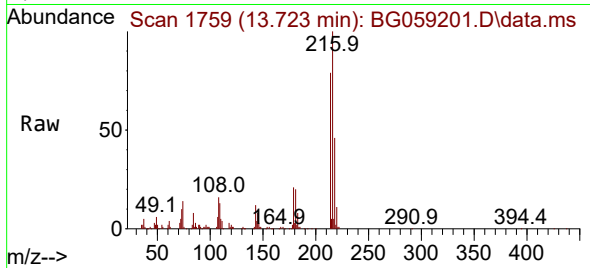




#75
1,2,3,4-Tetrachlorobenzene
Concen: 46.037 ng/uL
RT: 13.723 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

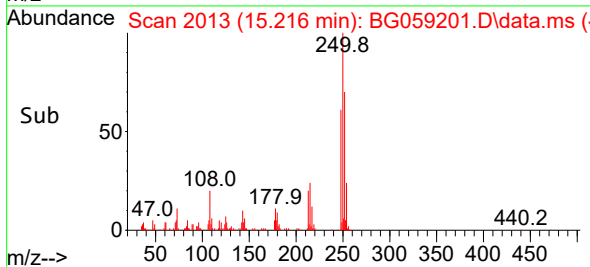
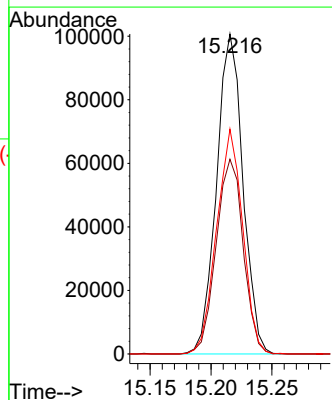
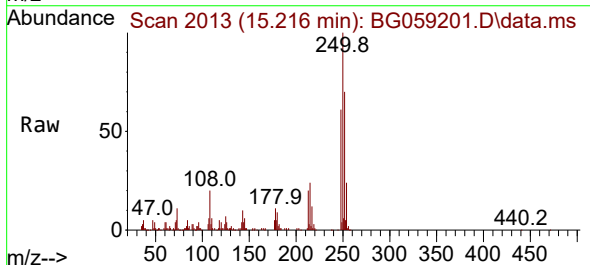
Instrument :
BNA_G
ClientSampleId :
SLCS814

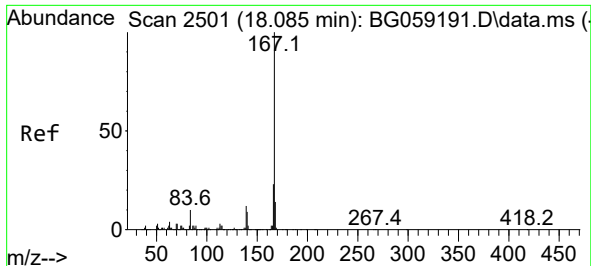
Tgt Ion:216 Resp: 150162
Ion Ratio Lower Upper
216 100
214 78.7 69.9 104.9
218 45.7 39.4 59.0



#76
Pentachlorobenzene
Concen: 50.401 ng/uL
RT: 15.216 min Scan# 2013
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:250 Resp: 152061
Ion Ratio Lower Upper
250 100
248 60.8 52.5 78.7
252 70.2 59.4 89.2

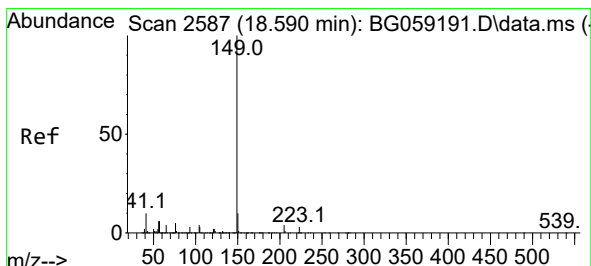
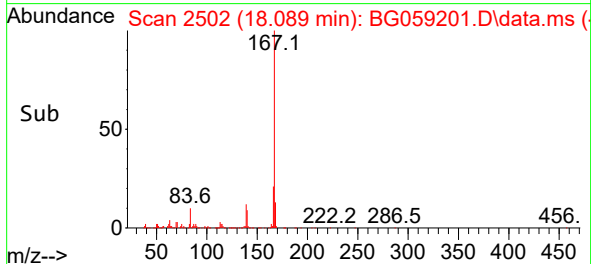
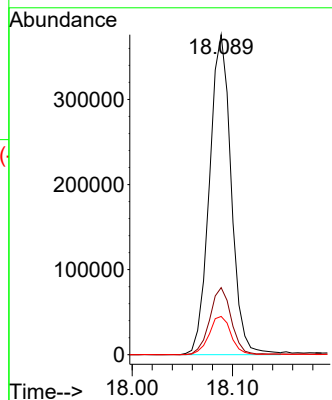
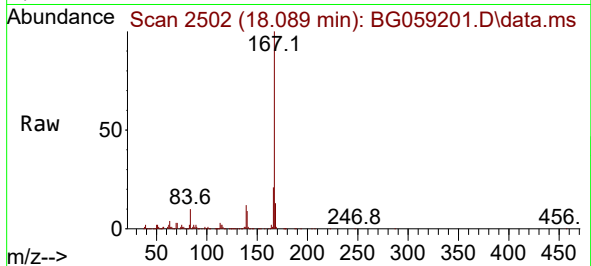




#77
 Carbazole
 Concen: 48.729 ng/ul
 RT: 18.089 min Scan# 2501
 Delta R.T. -0.006 min
 Lab File: BG059201.D
 Acq: 26 Sep 2023 17:03

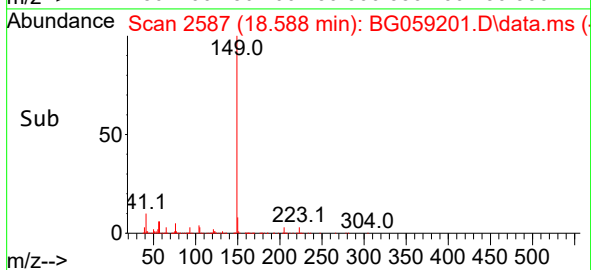
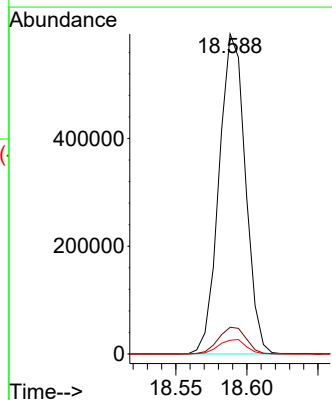
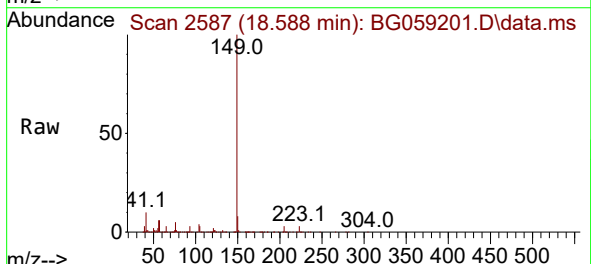
Instrument :
 BNA_G
 ClientSampleId :
 SLCS814

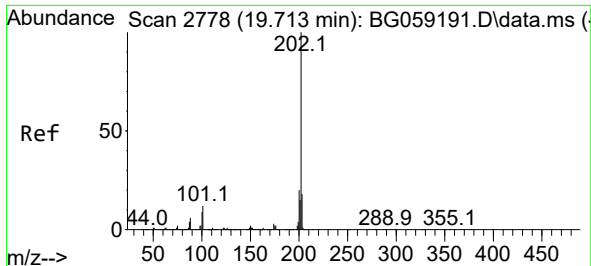
Tgt Ion:167 Resp: 566760
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.7 25.1
 139 11.9 9.4 14.0



#78
 Di-n-butylphthalate
 Concen: 53.375 ng/ul
 RT: 18.588 min Scan# 2587
 Delta R.T. -0.011 min
 Lab File: BG059201.D
 Acq: 26 Sep 2023 17:03

Tgt Ion:149 Resp: 764773
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.4 11.2
 104 4.3 3.5 5.3

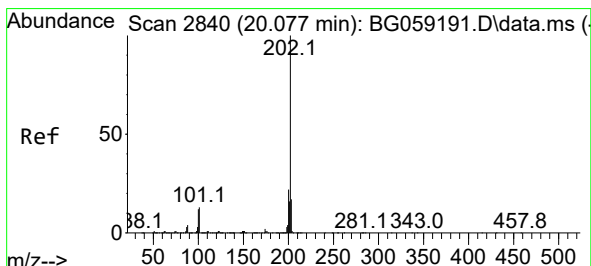
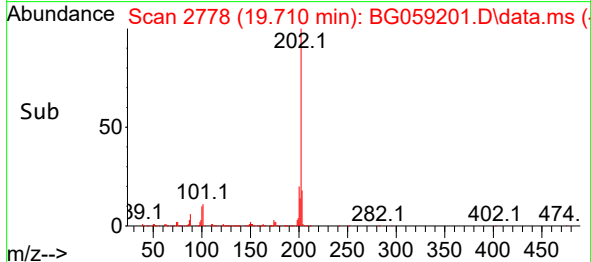
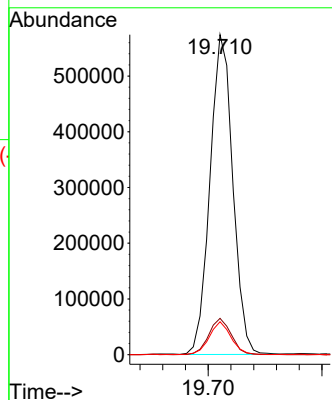
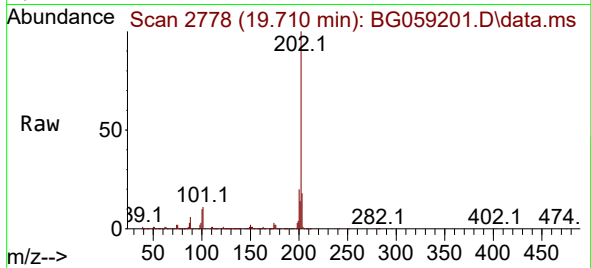




#80
Fluoranthene
Concen: 55.103 ng/ul
RT: 19.710 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

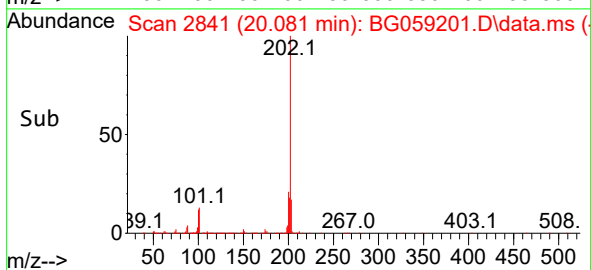
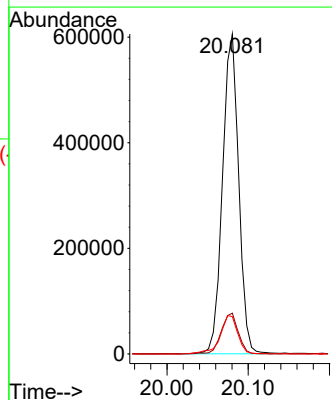
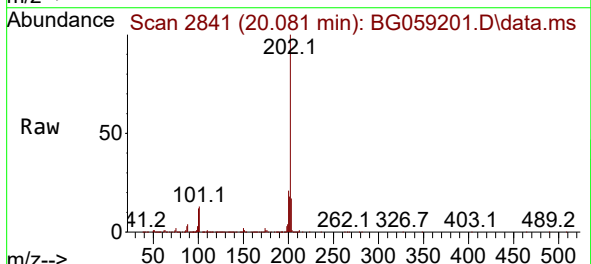
Instrument :
BNA_G
ClientSampleId :
SLCS814

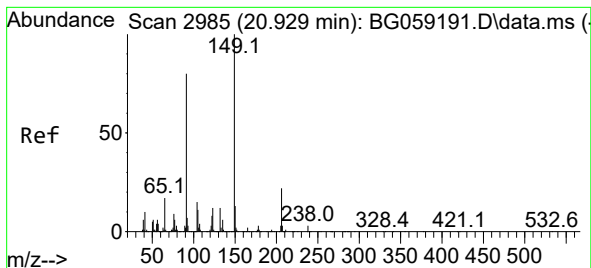
Tgt Ion:202 Resp: 800364
Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
100 10.3 7.7 11.5



#82
Pyrene
Concen: 55.422 ng/ul
RT: 20.081 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:202 Resp: 839676
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.4
100 11.7 10.1 15.1





#83

Butylbenzylphthalate

Concen: 59.209 ng/ul

RT: 20.932 min Scan# 2985

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

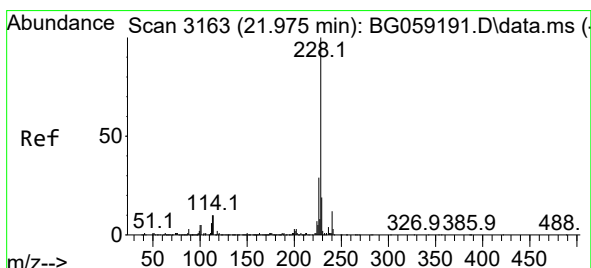
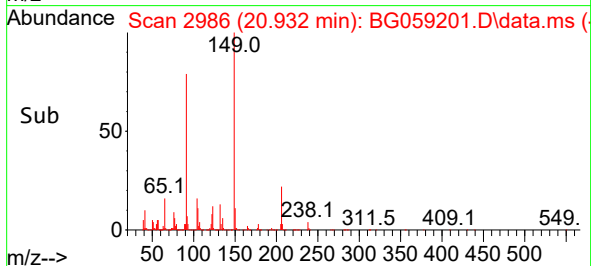
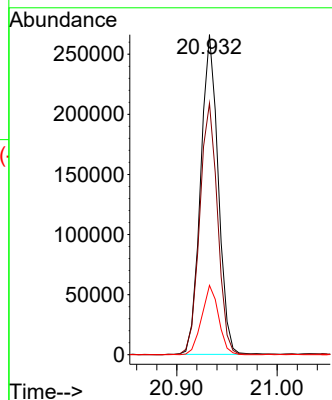
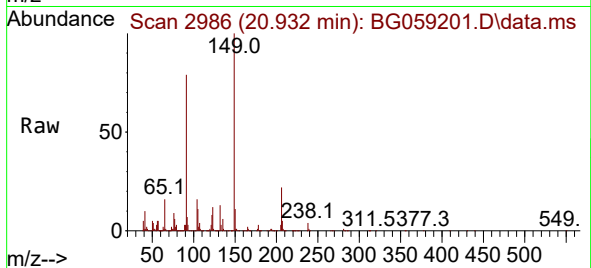
Tgt Ion:149 Resp: 324026

Ion Ratio Lower Upper

149 100

91 78.6 61.2 91.8

206 21.7 15.8 23.6



#85

Benzo(a)anthracene

Concen: 53.780 ng/ul

RT: 21.972 min Scan# 3163

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

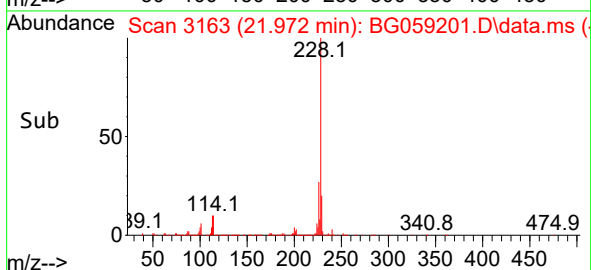
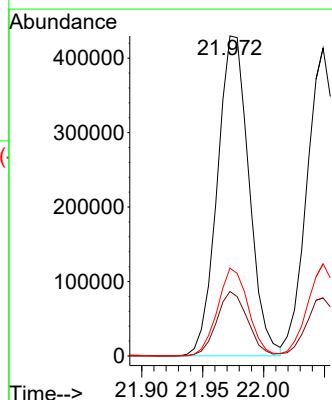
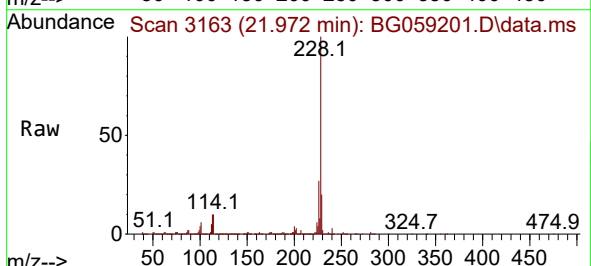
Tgt Ion:228 Resp: 778624

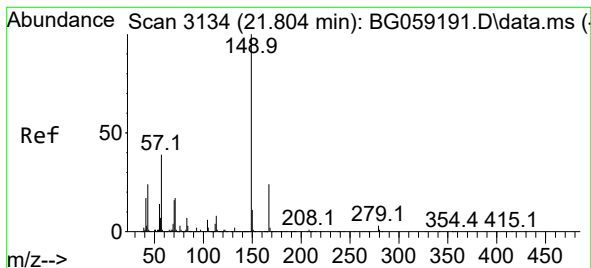
Ion Ratio Lower Upper

228 100

229 20.1 16.1 24.1

226 27.5 20.6 30.8

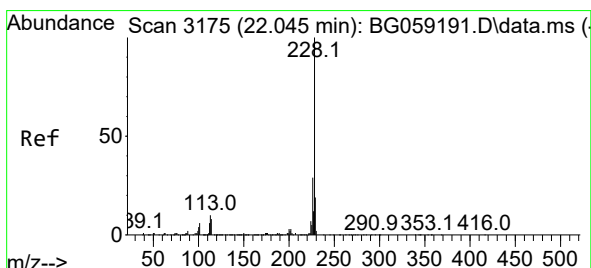
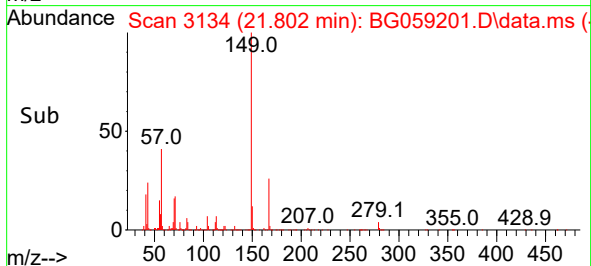
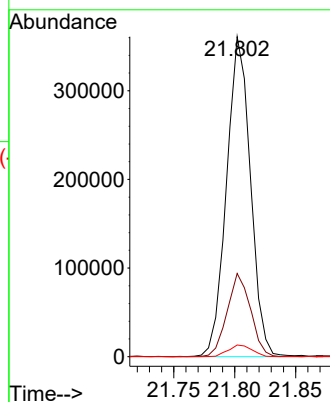
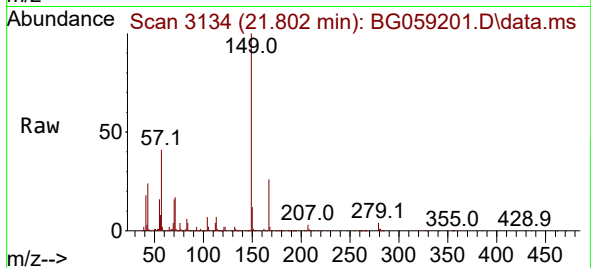




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 60.114 ng/ul
 RT: 21.802 min Scan# 3134
 Delta R.T. -0.011 min
 Lab File: BG059201.D
 Acq: 26 Sep 2023 17:03

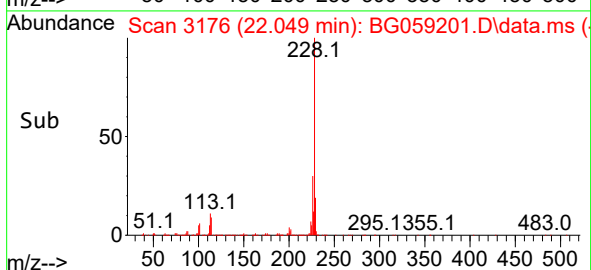
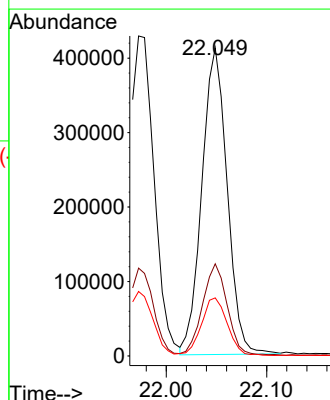
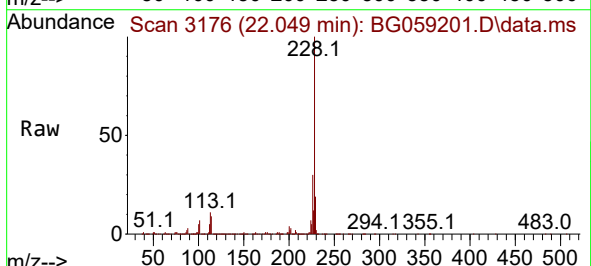
Instrument :
 BNA_G
 ClientSampleId :
 SLCS814

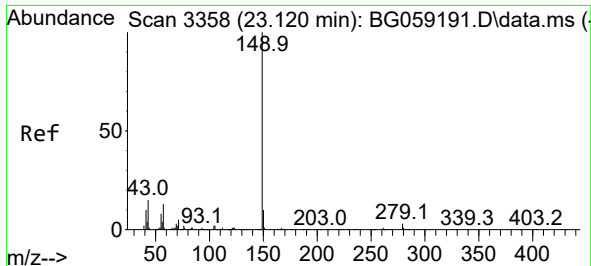
Tgt Ion:149 Resp: 492208
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.2 30.4
 279 3.6 3.2 4.8



#87
 Chrysene
 Concen: 53.587 ng/ul
 RT: 22.049 min Scan# 3176
 Delta R.T. -0.011 min
 Lab File: BG059201.D
 Acq: 26 Sep 2023 17:03

Tgt Ion:228 Resp: 723529
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.3 34.9
 229 18.9 15.6 23.4

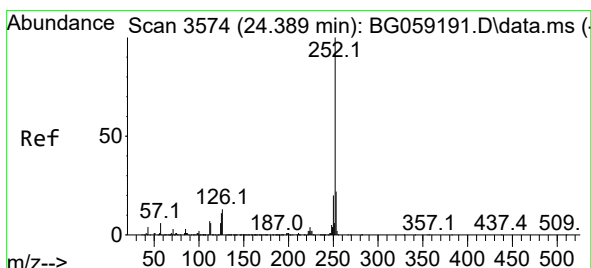
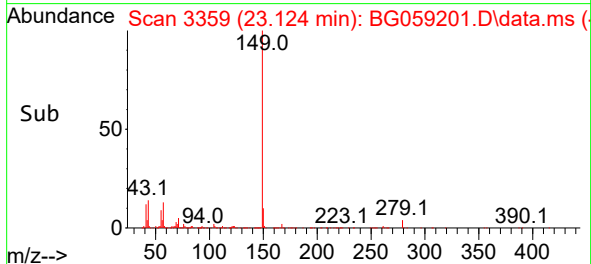
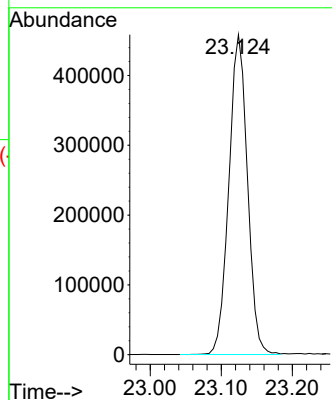
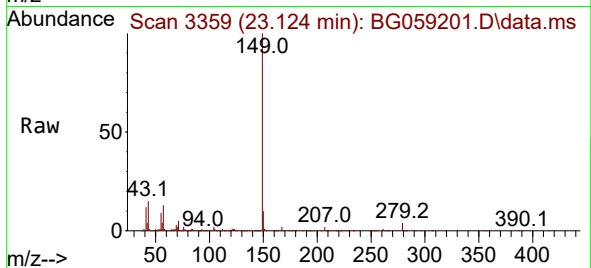




#89
Di-n-octyl phthalate
Concen: 58.679 ng/ul
RT: 23.124 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

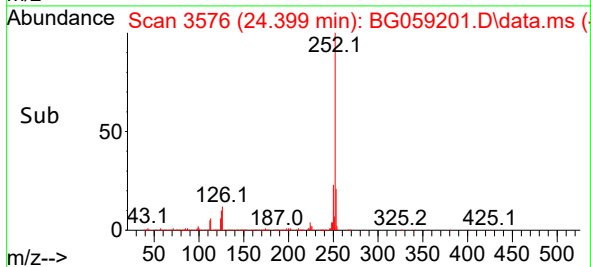
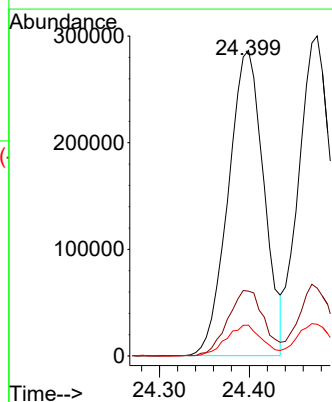
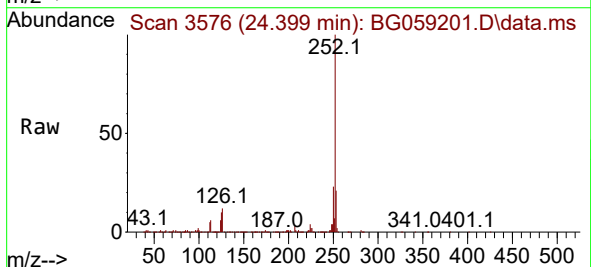
Instrument :
BNA_G
ClientSampleId :
SLCS814

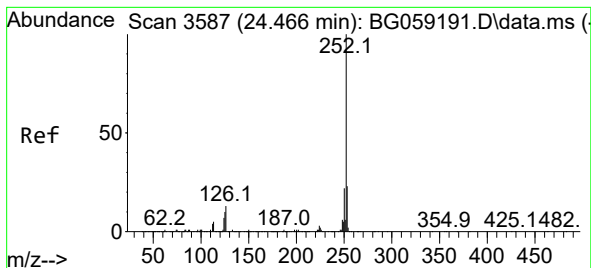
Tgt Ion:149 Resp: 832142



#90
Benzo(b)fluoranthene
Concen: 55.759 ng/ul
RT: 24.399 min Scan# 3576
Delta R.T. -0.011 min
Lab File: BG059201.D
Acq: 26 Sep 2023 17:03

Tgt Ion:252 Resp: 788113
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 10.1 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 51.533 ng/ul

RT: 24.475 min Scan# 3589

Delta R.T. -0.011 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

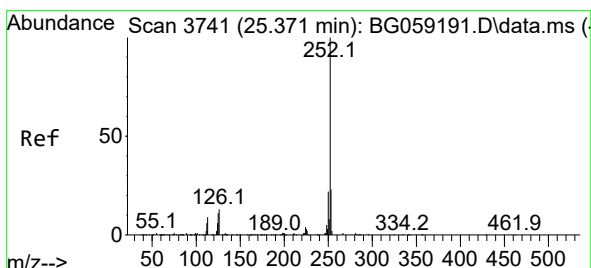
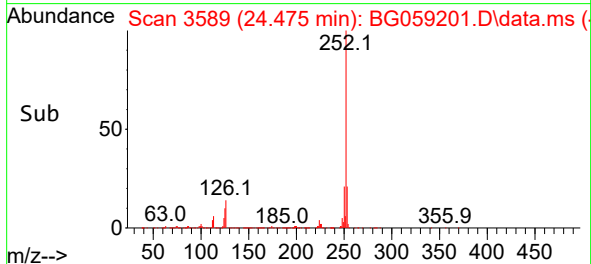
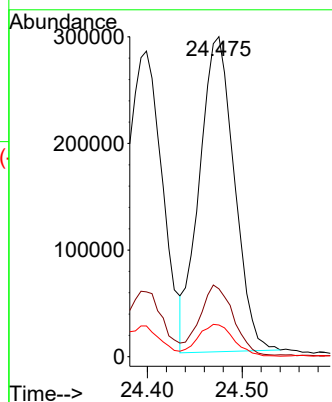
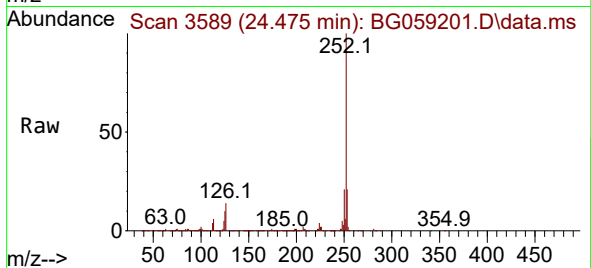
Tgt Ion:252 Resp: 755207

Ion Ratio Lower Upper

252 100

253 21.2 16.5 24.7

125 9.9 7.9 11.9



#93

Benzo(a)pyrene

Concen: 52.443 ng/ul

RT: 25.374 min Scan# 3742

Delta R.T. -0.023 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

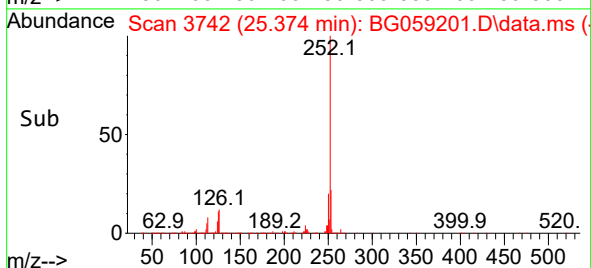
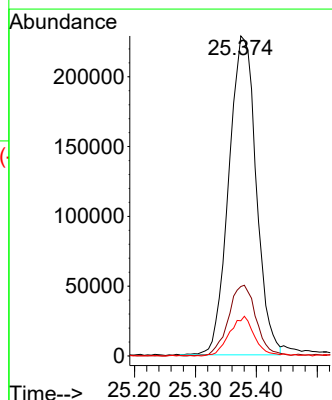
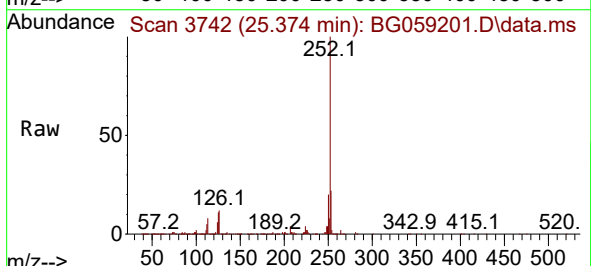
Tgt Ion:252 Resp: 712382

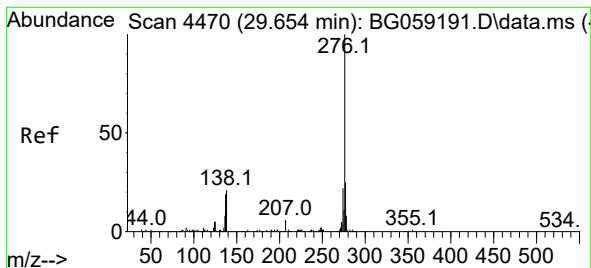
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 11.0 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 46.827 ng/ul

RT: 29.646 min Scan# 4469

Delta R.T. -0.035 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

Instrument :

BNA_G

ClientSampleId :

SLCS814

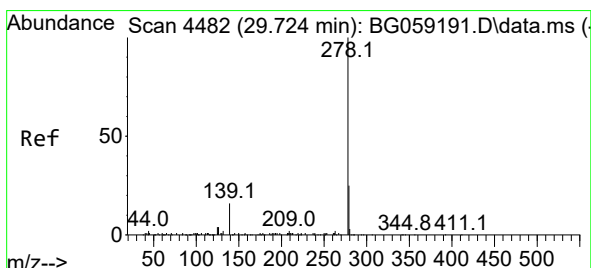
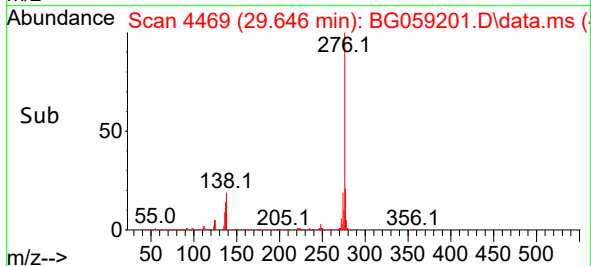
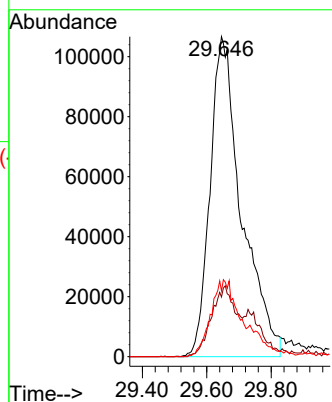
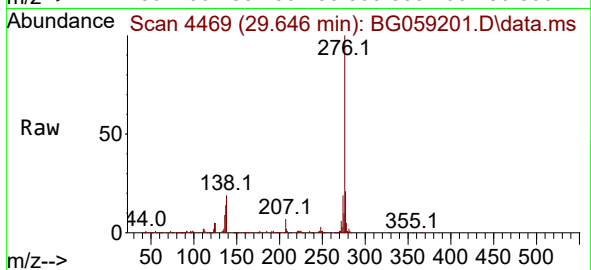
Tgt Ion:276 Resp: 723431

Ion Ratio Lower Upper

276 100

138 18.7 17.1 25.7

277 20.5 20.4 30.6



#95

Dibenzo(a,h)anthracene

Concen: 38.781 ng/ul

RT: 29.734 min Scan# 4484

Delta R.T. -0.029 min

Lab File: BG059201.D

Acq: 26 Sep 2023 17:03

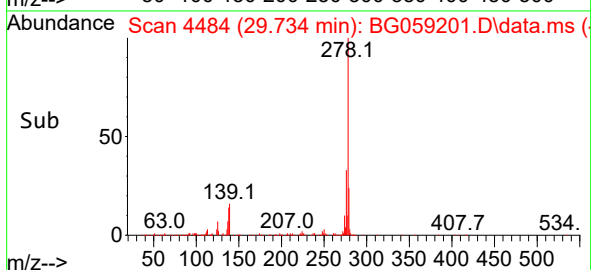
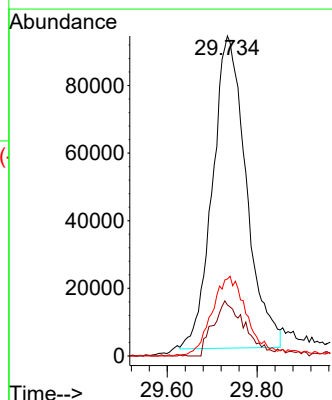
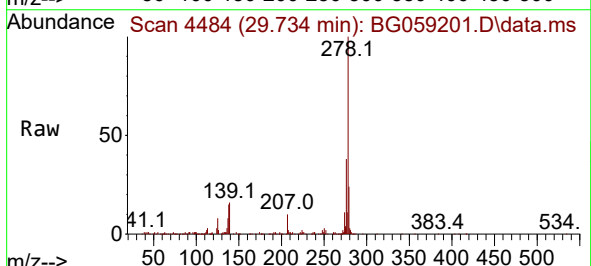
Tgt Ion:278 Resp: 481474

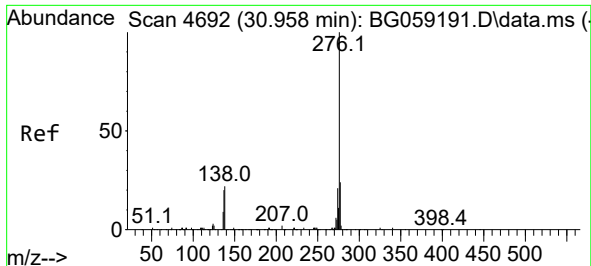
Ion Ratio Lower Upper

278 100

139 16.0 13.8 20.6

279 24.0 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 50.260 ng/ul
 RT: 30.968 min Scan# 4
 Delta R.T. -0.035 min
 Lab File: BG059201.D
 Acq: 26 Sep 2023 17:03

Instrument :
 BNA_G
 ClientSampleId :
 SLCS814

Tgt Ion:276 Resp: 625484
 Ion Ratio Lower Upper
 276 100
 138 21.2 16.9 25.3
 277 22.3 19.3 28.9

