

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059301.D
 Acq On : 5 Oct 2023 18:05
 Operator : MA/JU
 Sample : SSTDCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020586

Quant Time: Oct 05 22:40:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	44664	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	225123	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.868	164	154448	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.712	188	317331	20.000	ng/ul	0.09
79) Chrysene-d12	21.913	240	279358	20.000	ng/ul	0.00
88) Perylene-d12	25.397	264	330900	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	7213	6.095	ng/uL	0.00
4) Pyridine-d5	3.964	84	61015	17.670	ng/ul	0.00
7) Phenol-d5	7.360	99	80855	18.085	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	46576	16.308	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	61745	20.545	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	67903	19.648	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	34864	21.946	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	36363	23.317	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	70361	21.963	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	106722	20.590	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	223858	20.047	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	280397	20.005	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	39122	20.063	ng/ul	0.00
60) Fluorene-d10	15.850	176	215630	20.289	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	38597	23.662	ng/ul	0.00
73) Anthracene-d10	17.712	188	316817	21.911	ng/ul	0.00
81) Pyrene-d10	19.986	212	336083	21.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.151	264	319427	20.088	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.570	88	8931	6.424	ng/uL#	71
5) Pyridine	3.987	79	60633	17.292	ng/ul	85
6) Benzaldehyde	7.377	77	38640	19.681	ng/ul	93
8) Phenol	7.389	94	79108	17.787	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.648	93	64254	17.616	ng/ul	91
12) 2-Chlorophenol	7.783	128	61760	19.491	ng/ul	90
13) 2-Methylphenol	8.658	108	63450	18.883	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.734	45	84977	10.538	ng/ul	98
16) Acetophenone	9.075	105	99316	18.556	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.040	70	49164	18.109	ng/ul	97
18) 4-Methylphenol	8.993	108	70630	19.839	ng/ul	99
19) Hexachloroethane	9.316	117	26459	21.196	ng/ul	95
22) Nitrobenzene	9.475	77	74261	18.937	ng/ul	91
23) Isophorone	9.980	82	153761	18.234	ng/ul#	96
25) 2-Nitrophenol	10.180	139	41145	23.945	ng/ul	92
26) 2,4-Dimethylphenol	10.209	107	74290	20.220	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.462	93	96340	18.106	ng/ul	97
29) 2,4-Dichlorophenol	10.703	162	67631	21.237	ng/ul	97
30) Naphthalene	11.126	128	239584	19.849	ng/ul	97
32) 4-Chloroaniline	11.243	127	98661	19.905	ng/ul	98
33) Hexachlorobutadiene	11.355	225	45167	21.192	ng/ul	98
34) Caprolactam	12.025	113	20762	18.842	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.324	107	76138	22.408	ng/ul	89
36) 2-Methylnaphthalene	12.706	142	166097	21.005	ng/ul	99

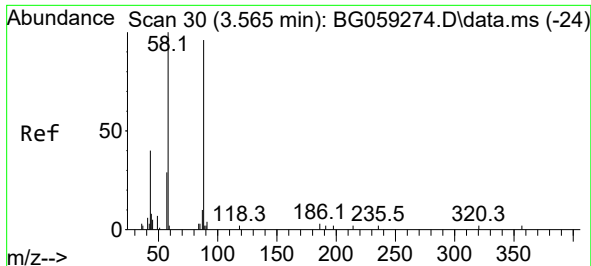
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.930	142	171328	21.348	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.053	216	90791	19.635	ng/ul	95
40) Hexachlorocyclopentadiene	13.006	237	44849	15.724	ng/ul	98
41) 2,4,6-Trichlorophenol	13.300	196	60222	21.273	ng/ul	91
42) 2,4,5-Trichlorophenol	13.370	196	66992	22.552	ng/ul	93
43) 1,1'-Biphenyl	13.699	154	244916	19.635	ng/ul	98
44) 2-Chloronaphthalene	13.758	162	187024	19.915	ng/ul	99
45) 2-Nitroaniline	13.975	65	58209	21.974	ng/ul	93
47) Dimethylphthalate	14.310	163	223557	19.546	ng/ul	100
48) 2,6-Dinitrotoluene	14.457	165	44978	23.121	ng/ul#	81
50) Acenaphthylene	14.598	152	290612	19.425	ng/ul	98
51) 3-Nitroaniline	14.792	138	47946	22.832	ng/ul#	91
52) Acenaphthene	14.933	153	202206	19.691	ng/ul	92
53) 2,4-Dinitrophenol	14.992	184	23544	21.773	ng/ul#	74
55) 4-Nitrophenol	15.074	109	29038	21.111	ng/ul	98
56) Dibenzofuran	15.262	168	270490	19.871	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	66453	23.071	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.474	232	60464	22.484	ng/ul#	90
59) Diethylphthalate	15.650	149	229783	20.782	ng/ul	97
61) Fluorene	15.908	166	227840	19.935	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.891	204	115037	20.191	ng/ul#	94
63) 4-Nitroaniline	15.955	138	45378	23.481	ng/ul	95
67) N-Nitrosodiphenylamine	16.114	169	187588	22.177	ng/ul	99
68) 4-Bromophenyl-phenylether	16.790	248	67370	21.914	ng/ul	90
69) Hexachlorobenzene	16.884	284	77046	22.184	ng/ul	92
70) Atrazine	17.042	200	74572	23.185	ng/ul	93
71) Pentachlorophenol	17.236	266	46470	23.248	ng/ul	95
72) Phenanthrene	17.747	178	391189	22.463	ng/ul	99
74) Anthracene	17.747	178	389833	21.679	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.664	216	95640	22.871	ng/uL	96
76) Pentachlorobenzene	15.156	250	93930	22.749	ng/uL	98
77) Carbazole	18.029	167	325385	22.202	ng/ul	100
78) Di-n-butylphthalate	18.529	149	389638	22.427	ng/ul	99
80) Fluoranthene	19.651	202	422329	21.914	ng/ul	97
82) Pyrene	20.015	202	426933	20.914	ng/ul	100
83) Butylbenzylphthalate	20.867	149	162274	22.542	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.807	252	144643	22.357	ng/ul	97
85) Benzo(a)anthracene	21.896	228	397432	20.210	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.719	149	239316	21.893	ng/ul	99
87) Chrysene	21.966	228	372596	20.061	ng/ul	99
89) Di-n-octyl phthalate	23.018	149	407853	21.193	ng/ul	100
90) Benzo(b)fluoranthene	24.269	252	409663	20.213	ng/ul	98
91) Benzo(k)fluoranthene	24.346	252	403981	19.672	ng/ul	100
93) Benzo(a)pyrene	25.233	252	385042	20.027	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.410	276	194616	8.942	ng/ul	99
95) Dibenzo(a,h)anthracene	29.492	278	362416	20.477	ng/ul	99
96) Benzo(g,h,i)perylene	30.697	276	353123	19.955	ng/ul	97

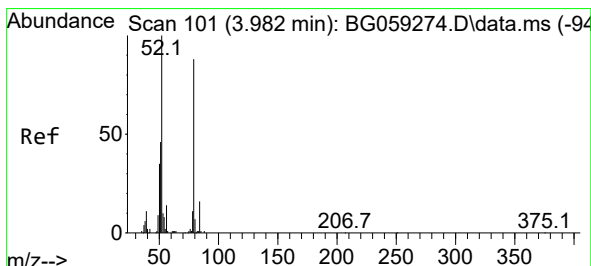
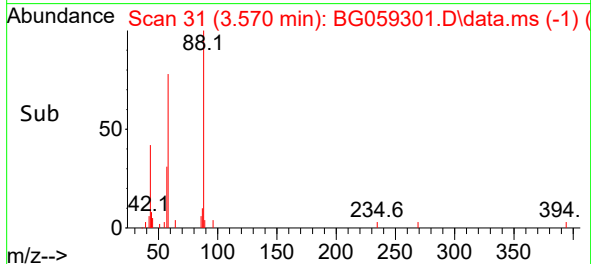
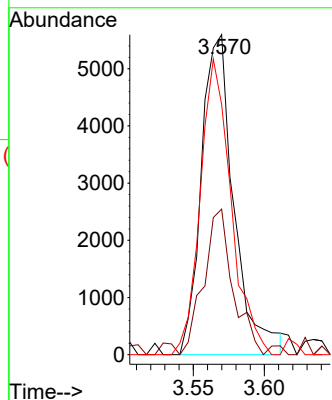
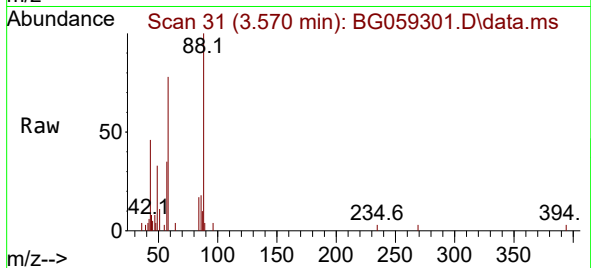
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#2
1,4-Dioxane
Concen: 6.424 ng/uL
RT: 3.570 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG059301.D
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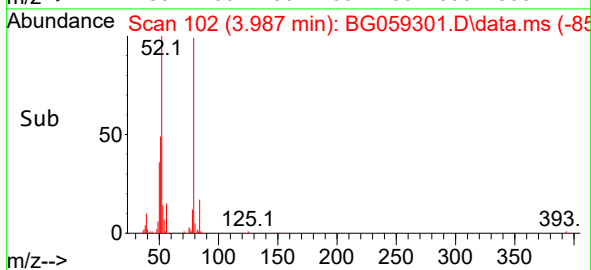
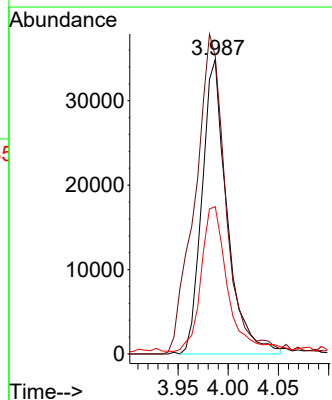
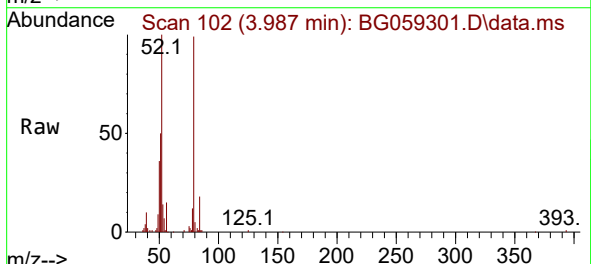
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BNA_G
ClientSampleId :
SSTD020586

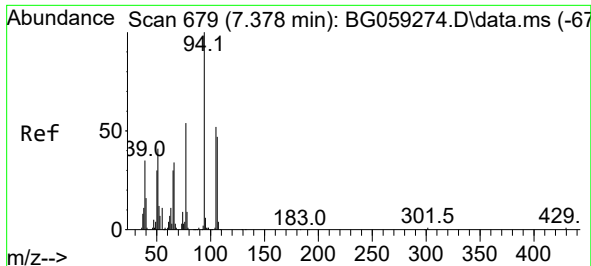
Tgt Ion: 88 Resp: 8931
Ion Ratio Lower Upper
88 100
43 45.5 34.5 51.7
58 78.1 96.6 145.0#



#5
Pyridine
Concen: 17.292 ng/uL
RT: 3.987 min Scan# 102
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion: 79 Resp: 60633
Ion Ratio Lower Upper
79 100
52 101.1 94.8 142.2
51 50.1 48.2 72.2

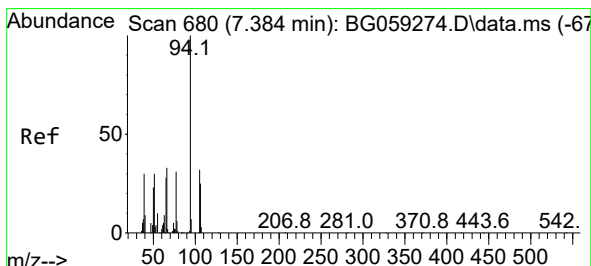
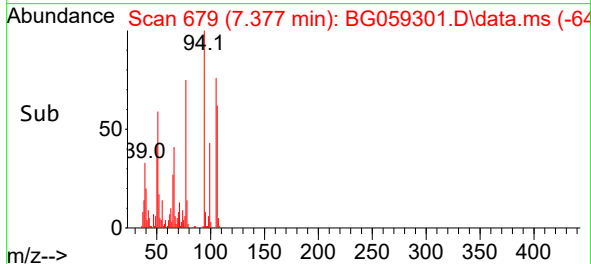
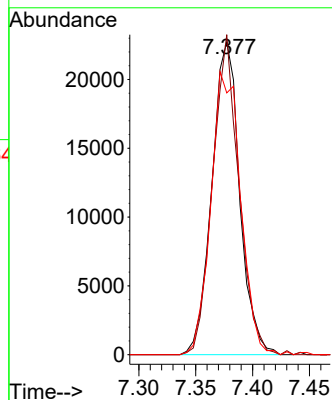
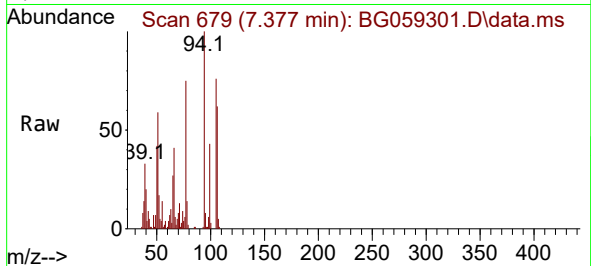




#6
Benzaldehyde
Concen: 19.681 ng/ul
RT: 7.377 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

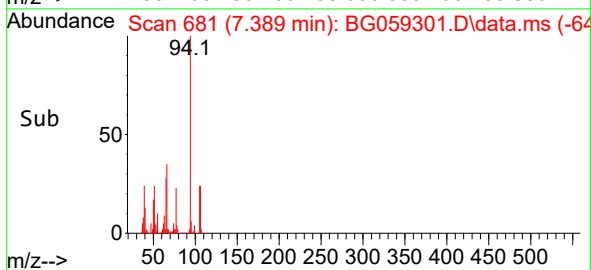
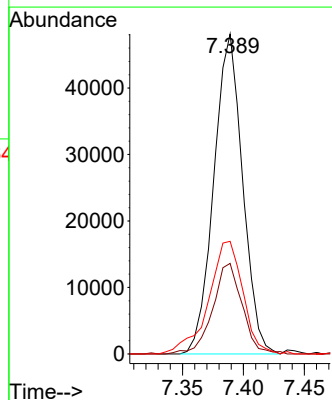
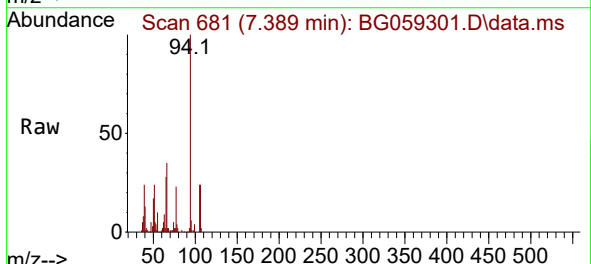
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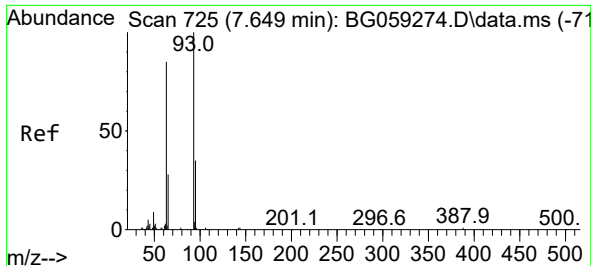
Tgt Ion: 77 Resp: 38640
Ion Ratio Lower Upper
77 100
105 102.3 81.4 122.2
106 83.7 78.3 117.5



#8
Phenol
Concen: 17.787 ng/ul
RT: 7.389 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion: 94 Resp: 79108
Ion Ratio Lower Upper
94 100
65 28.3 23.6 35.4
66 35.2 24.6 37.0

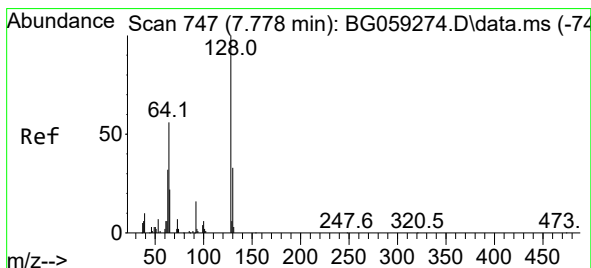
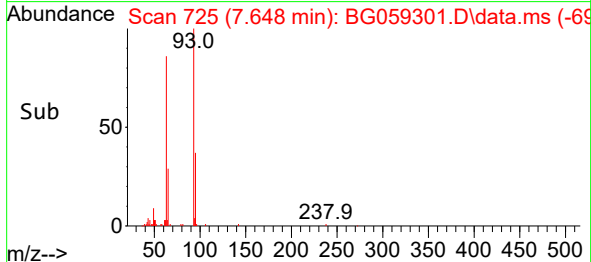
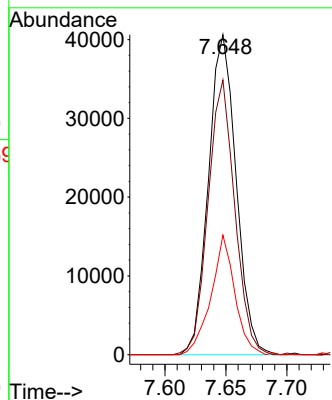
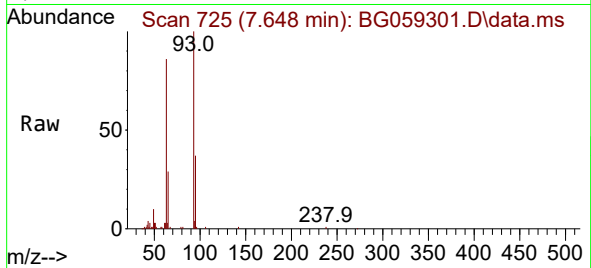




#10
Bis(2-Chloroethyl)ether
Concen: 17.616 ng/ul
RT: 7.648 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

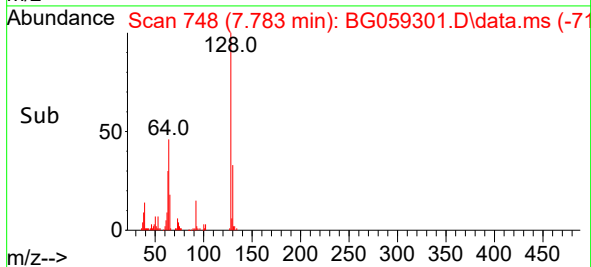
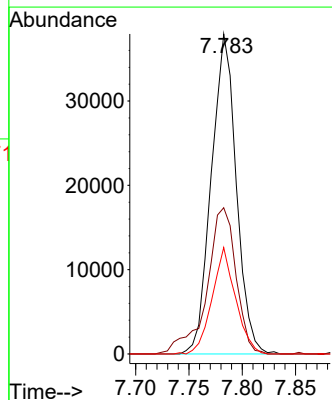
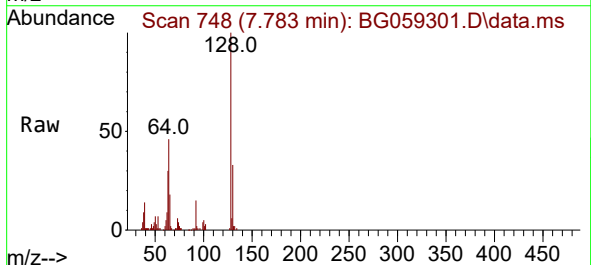
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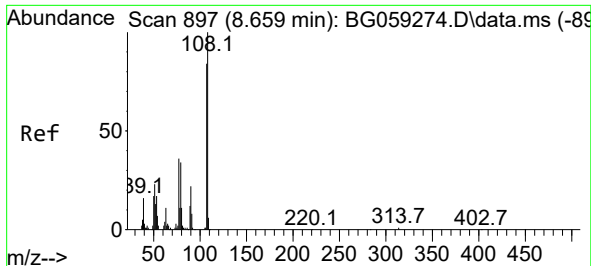
Tgt Ion: 93 Resp: 64254
Ion Ratio Lower Upper
93 100
63 85.9 76.0 114.0
95 37.4 26.6 39.8



#12
2-Chlorophenol
Concen: 19.491 ng/ul
RT: 7.783 min Scan# 748
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:128 Resp: 61760
Ion Ratio Lower Upper
128 100
64 45.7 42.6 64.0
130 33.2 23.3 34.9

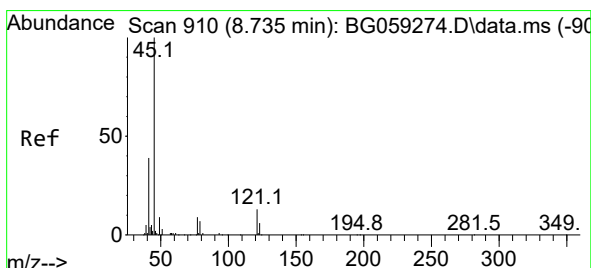
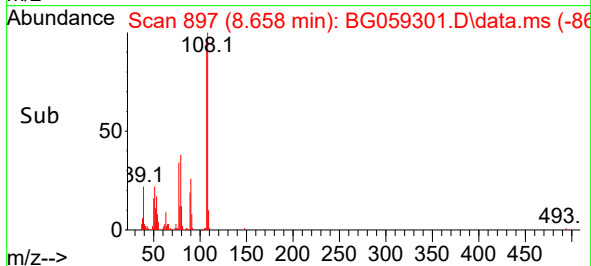
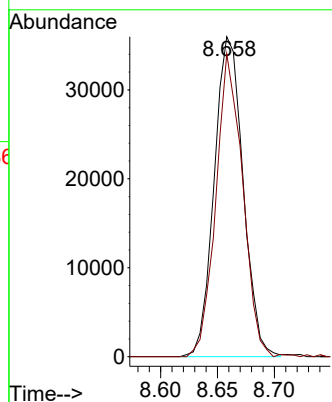
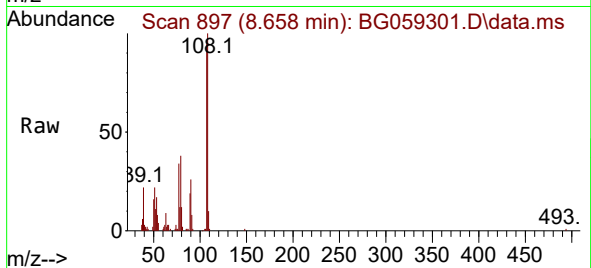




#13
2-Methylphenol
Concen: 18.883 ng/ul
RT: 8.658 min Scan# 897
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

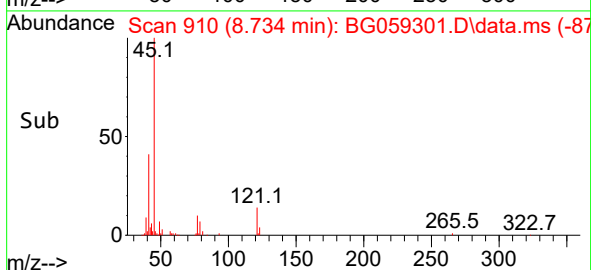
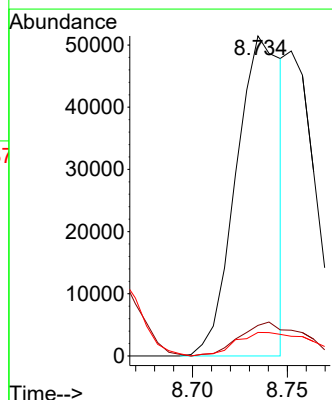
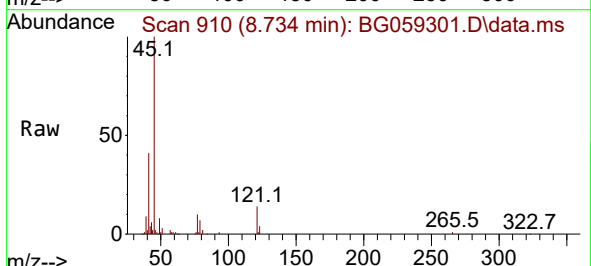
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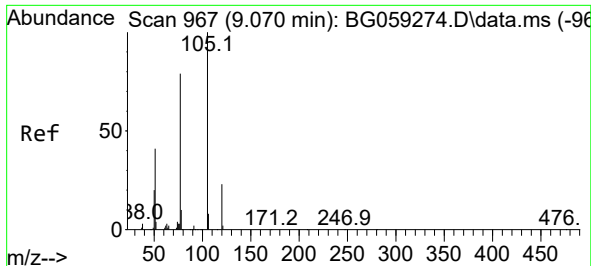
Tgt Ion:108 Resp: 63450
Ion Ratio Lower Upper
108 100
107 94.7 67.3 100.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.538 ng/ul
RT: 8.734 min Scan# 910
Delta R.T. -0.008 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion: 45 Resp: 84977
Ion Ratio Lower Upper
45 100
77 9.5 6.6 9.8
79 7.4 5.9 8.9

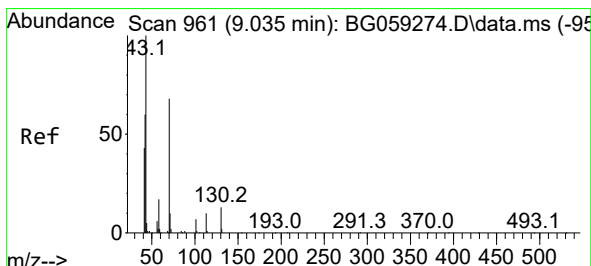
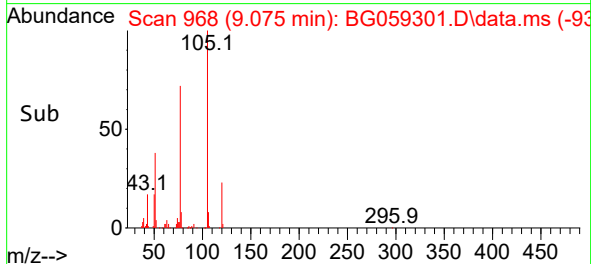
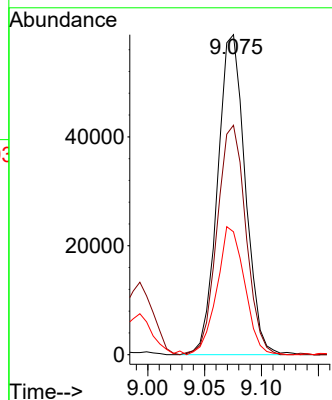
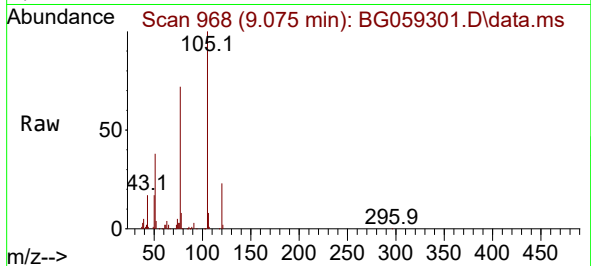




#16
Acetophenone
Concen: 18.556 ng/ul
RT: 9.075 min Scan# 901
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

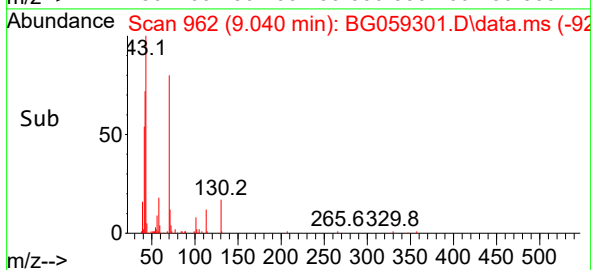
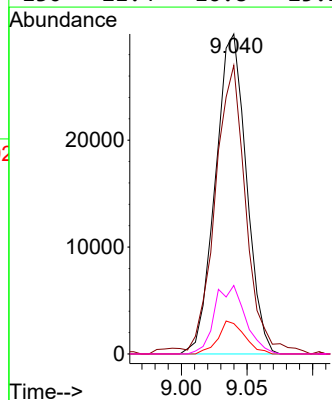
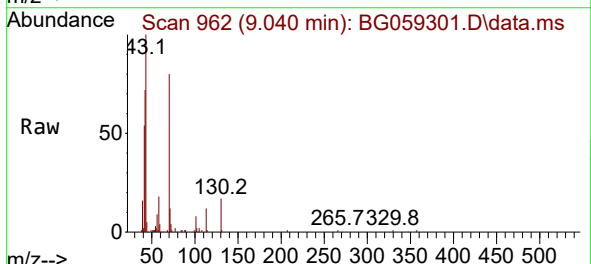
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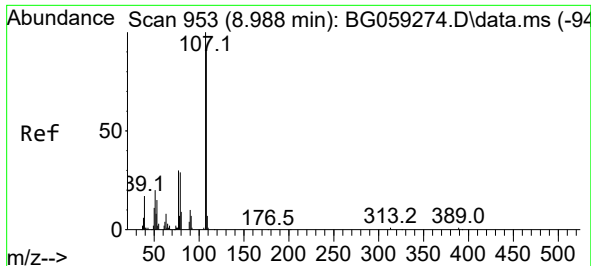
Tgt Ion:105 Resp: 99316
Ion Ratio Lower Upper
105 100
77 71.7 58.8 88.2
51 38.4 32.6 48.8



#17
N-Nitroso-di-n-propylamine
Concen: 18.109 ng/ul
RT: 9.040 min Scan# 962
Delta R.T. 0.004 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion: 70 Resp: 49164
Ion Ratio Lower Upper
70 100
42 90.1 69.6 104.4
101 9.5 6.7 10.1
130 21.4 16.8 25.2

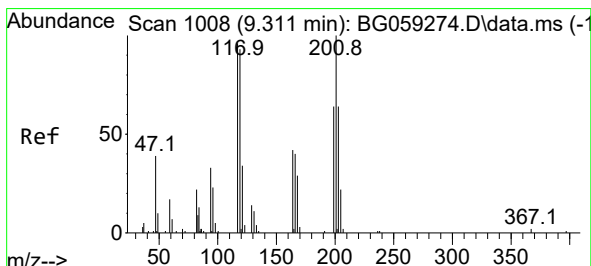
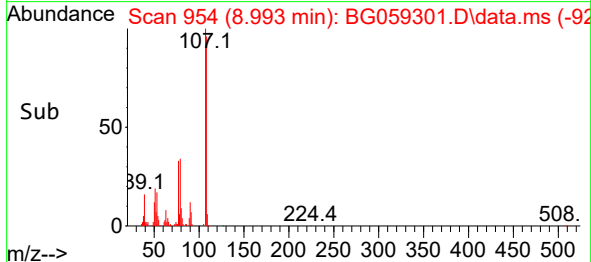
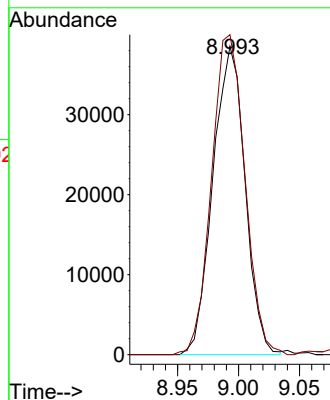
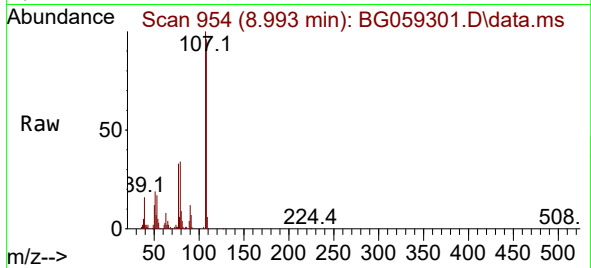




#18
4-Methylphenol
Concen: 19.839 ng/ul
RT: 8.993 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

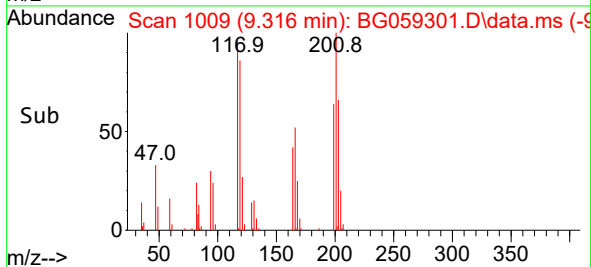
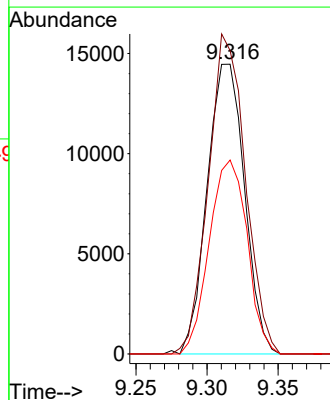
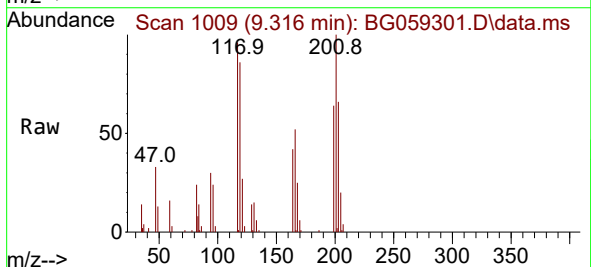
Instrument :
BNA_G
ClientSampleId :
SSTD020586

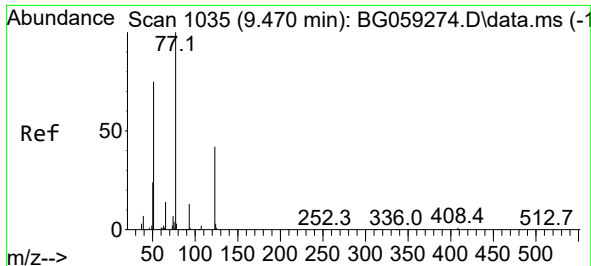
Tgt Ion:108 Resp: 70630
Ion Ratio Lower Upper
108 100
107 103.8 83.8 125.8



#19
Hexachloroethane
Concen: 21.196 ng/ul
RT: 9.316 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:117 Resp: 26459
Ion Ratio Lower Upper
117 100
201 105.6 78.2 117.4
199 66.2 53.5 80.3





#22

Nitrobenzene

Concen: 18.937 ng/ul

RT: 9.475 min Scan# 1035

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

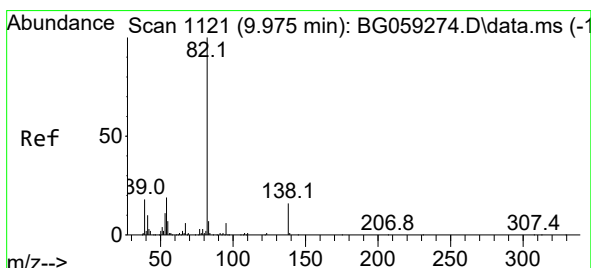
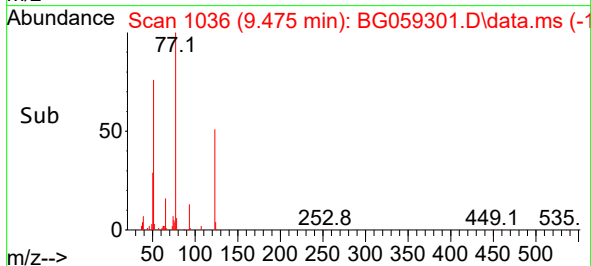
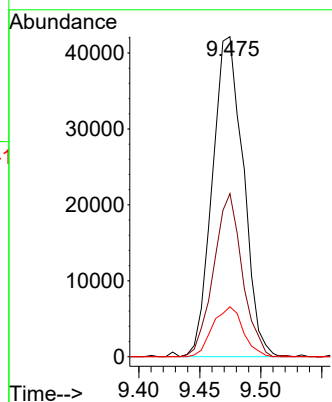
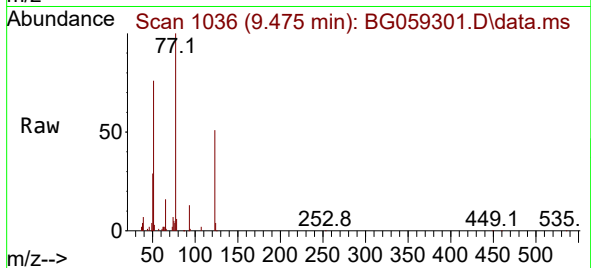
Tgt Ion: 77 Resp: 74261

Ion Ratio Lower Upper

77 100

123 50.9 34.6 52.0

65 15.6 13.0 19.4



#23

Isophorone

Concen: 18.234 ng/ul

RT: 9.980 min Scan# 1122

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

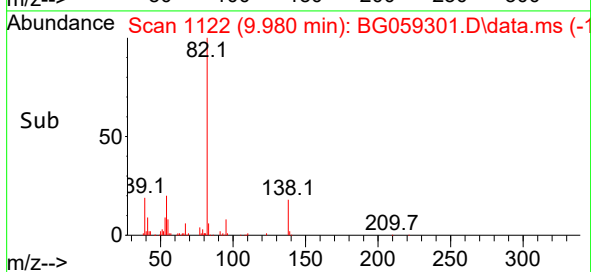
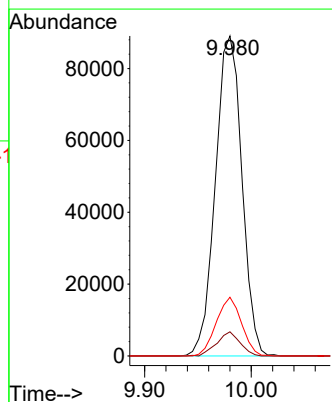
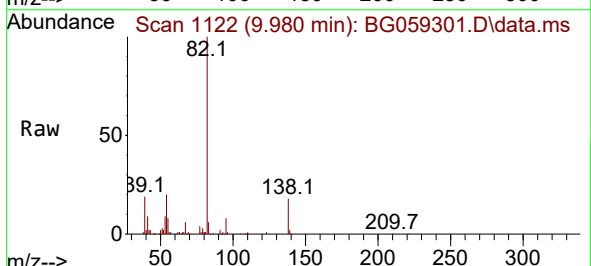
Tgt Ion: 82 Resp: 153761

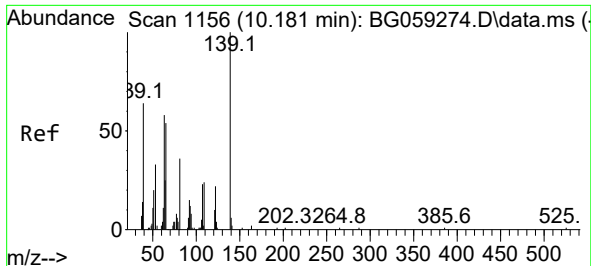
Ion Ratio Lower Upper

82 100

95 7.5 4.7 7.1#

138 18.3 13.5 20.3

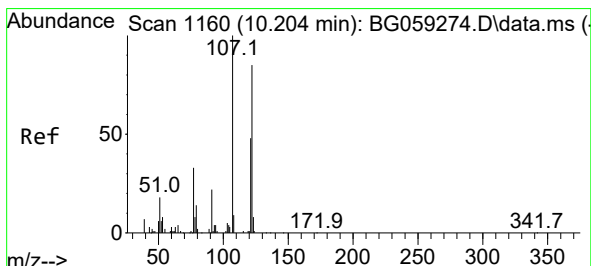
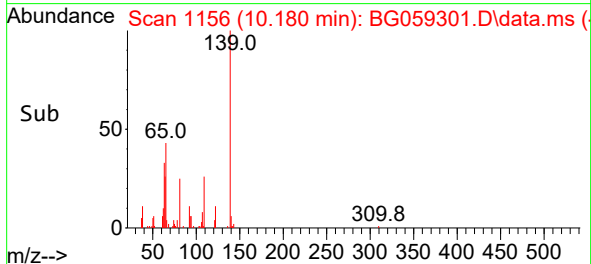
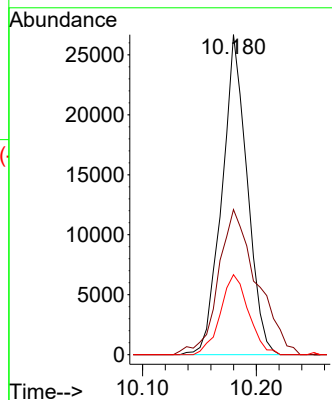
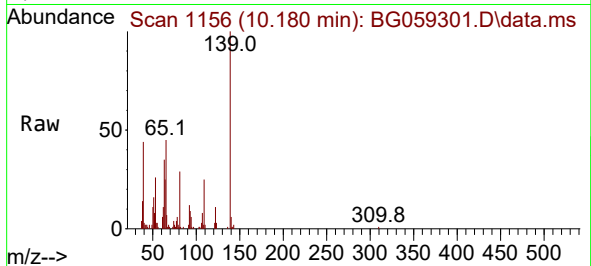




#25
2-Nitrophenol
Concen: 23.945 ng/ul
RT: 10.180 min Scan# 1156
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

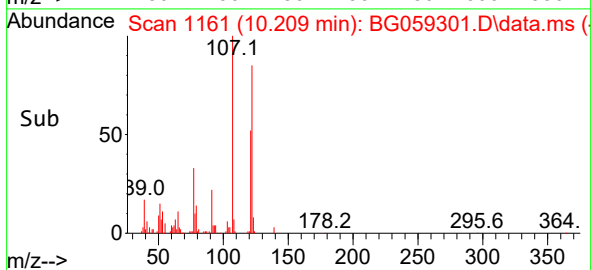
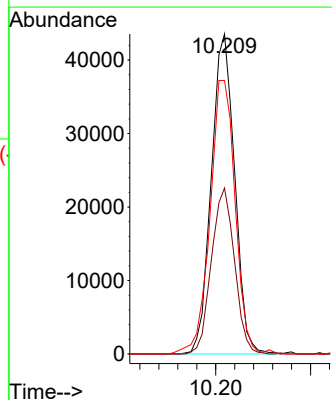
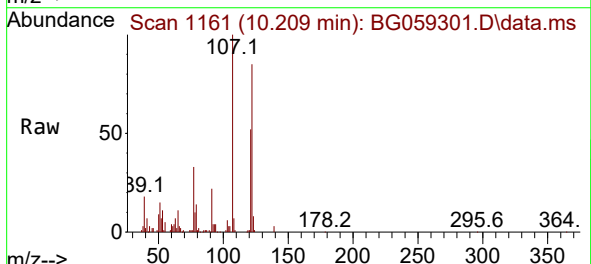
Instrument :
BNA_G
ClientSampleId :
SSTD020586

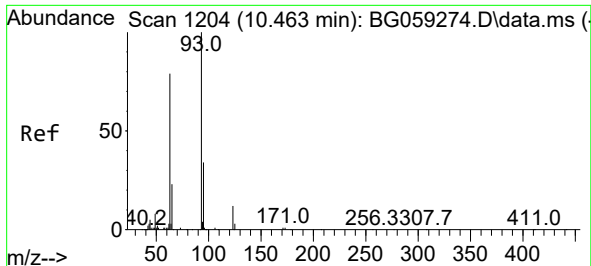
Tgt Ion:139 Resp: 41145
Ion Ratio Lower Upper
139 100
65 45.4 41.2 61.8
109 25.0 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 20.220 ng/ul
RT: 10.209 min Scan# 1161
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:107 Resp: 74290
Ion Ratio Lower Upper
107 100
121 51.8 42.3 63.5
122 85.5 75.2 112.8





#27

Bis(2-Chloroethoxy)methane

Concen: 18.106 ng/ul

RT: 10.462 min Scan# 1204

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

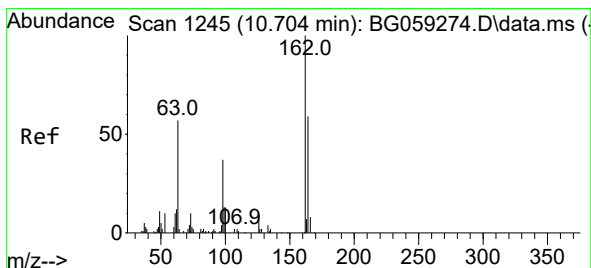
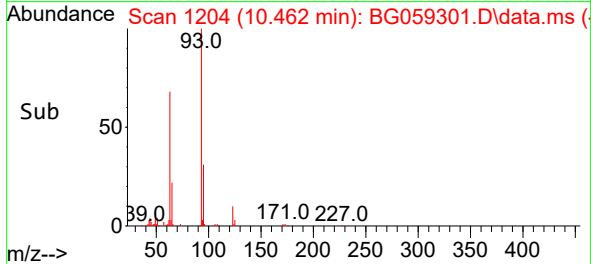
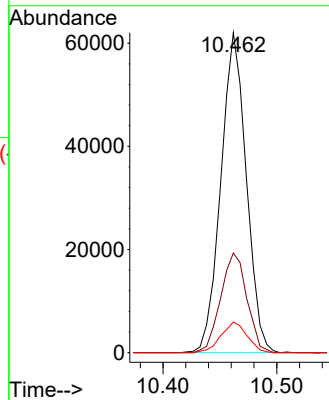
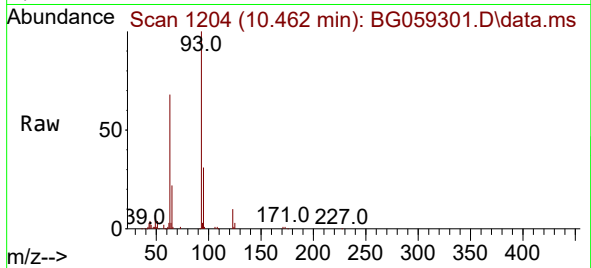
Tgt Ion: 93 Resp: 96340

Ion Ratio Lower Upper

93 100

95 31.2 26.5 39.7

123 9.6 7.3 10.9



#29

2,4-Dichlorophenol

Concen: 21.237 ng/ul

RT: 10.703 min Scan# 1245

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

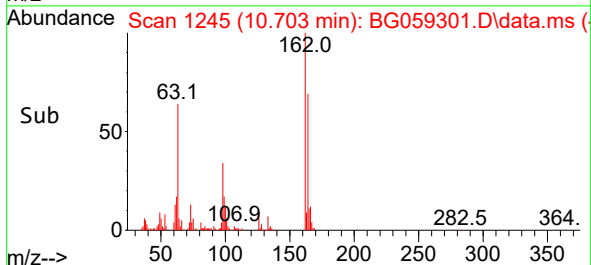
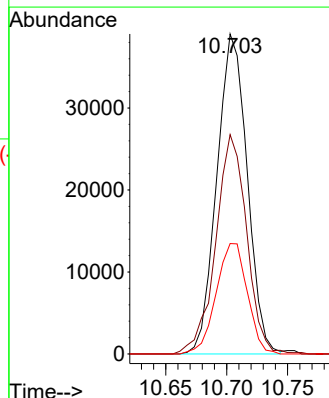
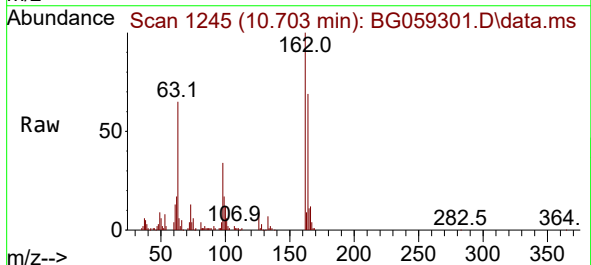
Tgt Ion:162 Resp: 67631

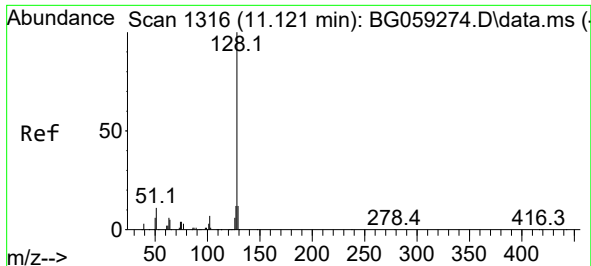
Ion Ratio Lower Upper

162 100

164 68.6 52.5 78.7

98 34.5 28.9 43.3

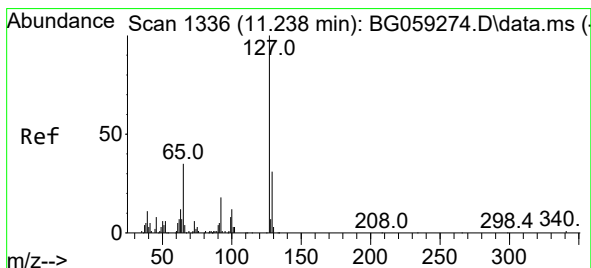
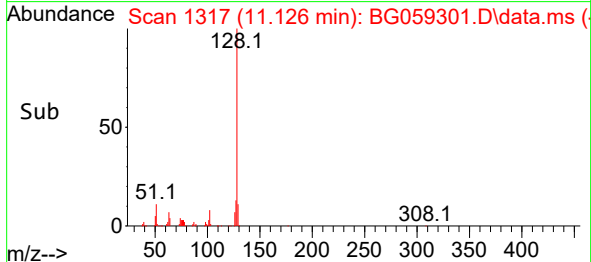
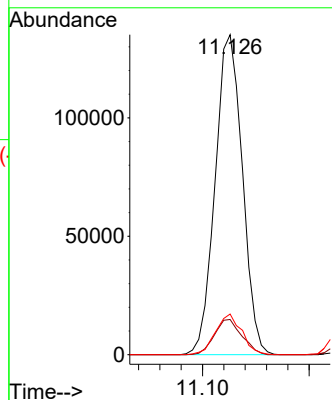
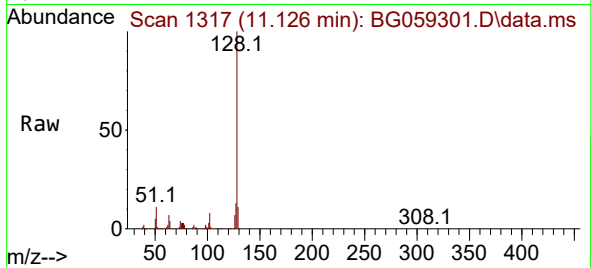




#30
Naphthalene
Concen: 19.849 ng/ul
RT: 11.126 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

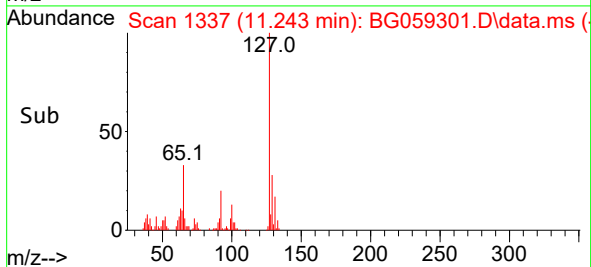
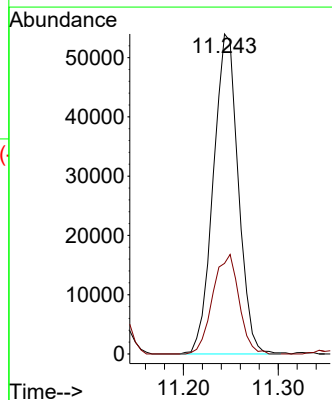
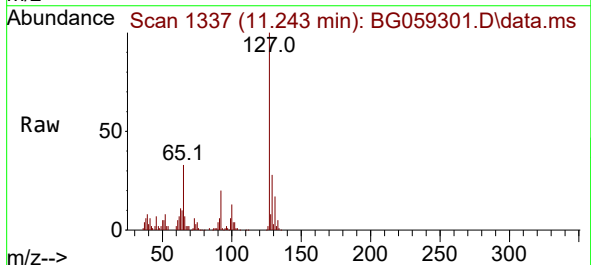
Instrument :
BNA_G
ClientSampleId :
SSTD020586

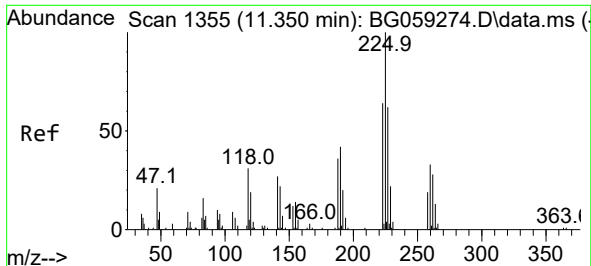
Tgt Ion:128 Resp: 239584
Ion Ratio Lower Upper
128 100
129 11.0 8.0 12.0
127 12.7 11.1 16.7



#32
4-Chloroaniline
Concen: 19.905 ng/ul
RT: 11.243 min Scan# 1337
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:127 Resp: 98661
Ion Ratio Lower Upper
127 100
129 28.3 23.6 35.4

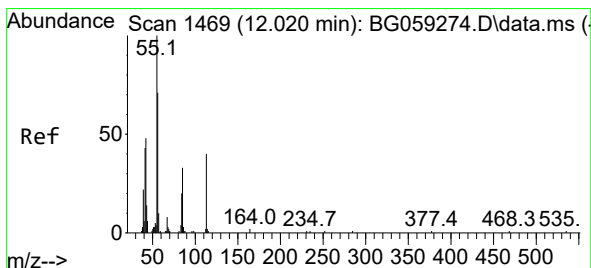
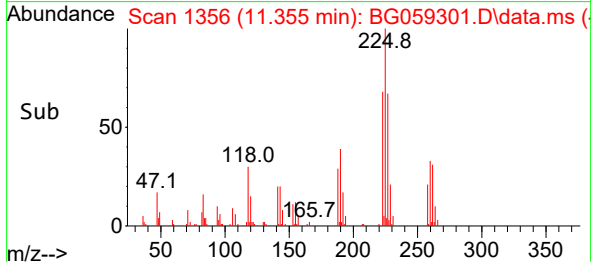
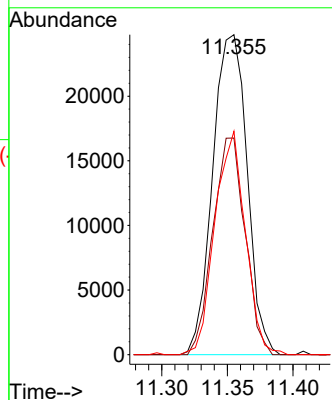
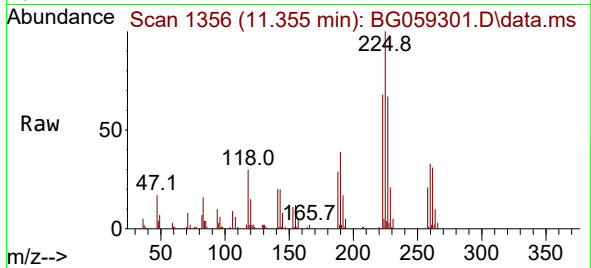




#33
Hexachlorobutadiene
Concen: 21.192 ng/ul
RT: 11.355 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

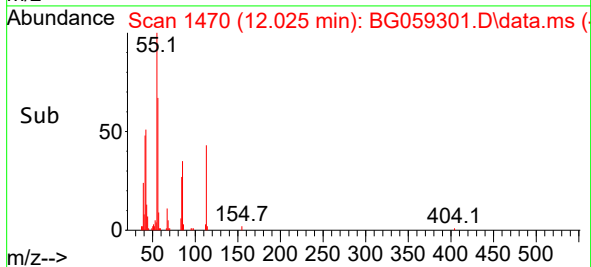
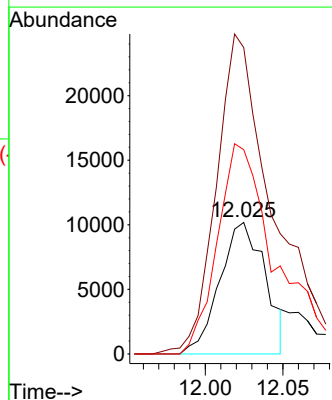
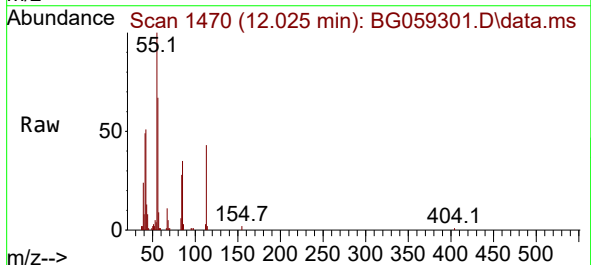
Instrument :
BNA_G
ClientSampleId :
SSTD020586

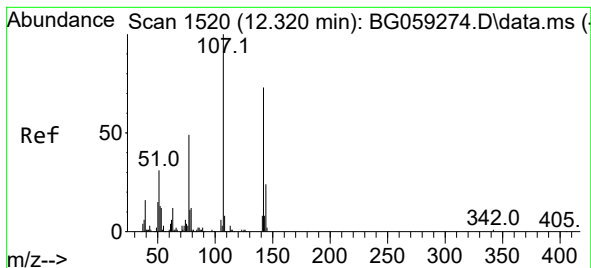
Tgt Ion:225 Resp: 45167
Ion Ratio Lower Upper
225 100
223 67.7 54.1 81.1
227 69.8 53.5 80.3



#34
Caprolactam
Concen: 18.842 ng/ul
RT: 12.025 min Scan# 1470
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:113 Resp: 20762
Ion Ratio Lower Upper
113 100
55 232.9 211.3 316.9
56 155.3 167.9 251.9#

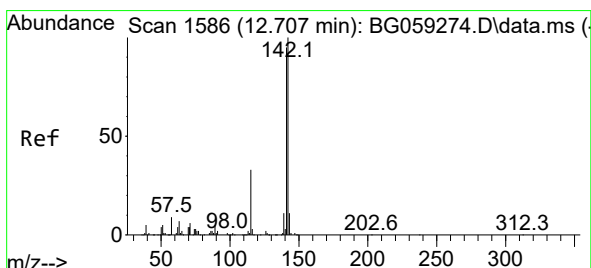
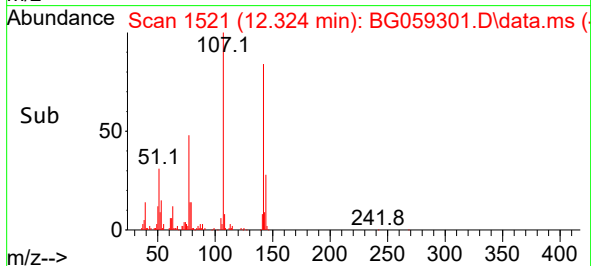
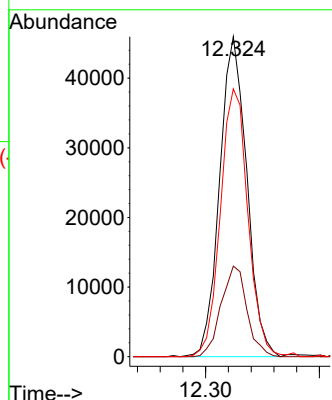
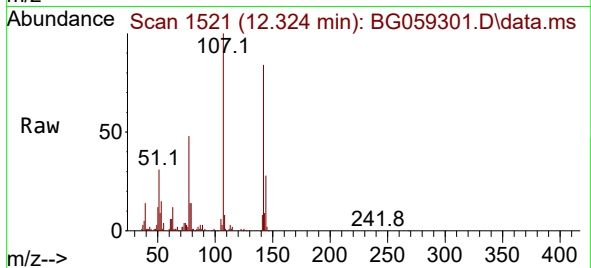




#35
4-Chloro-3-methylphenol
Concen: 22.408 ng/ul
RT: 12.324 min Scan# 1520
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

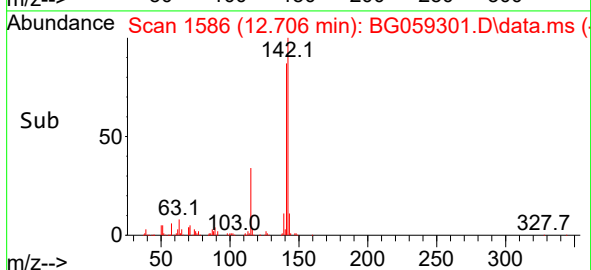
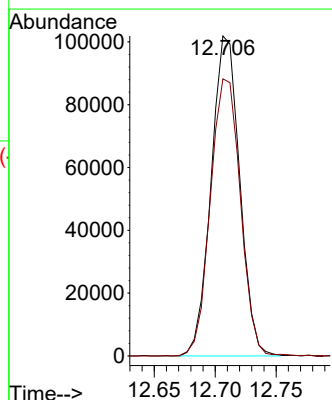
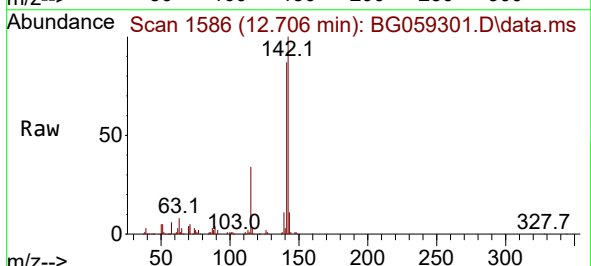
Instrument :
BNA_G
ClientSampleId :
SSTD020586

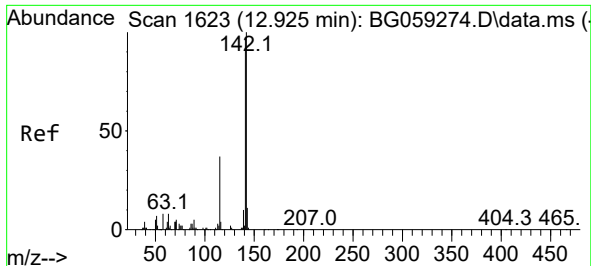
Tgt Ion:107 Resp: 76138
Ion Ratio Lower Upper
107 100
144 28.3 20.2 30.2
142 83.7 58.8 88.2



#36
2-Methylnaphthalene
Concen: 21.005 ng/ul
RT: 12.706 min Scan# 1586
Delta R.T. -0.008 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:142 Resp: 166097
Ion Ratio Lower Upper
142 100
141 86.6 70.2 105.2





#37

1-Methylnaphthalene

Concen: 21.348 ng/ul

RT: 12.930 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

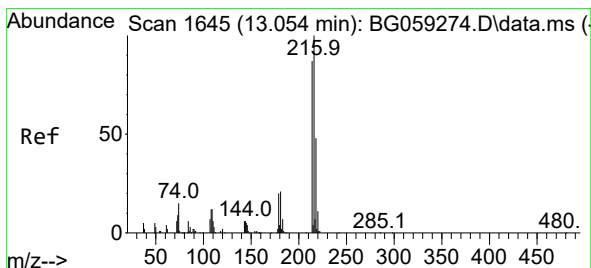
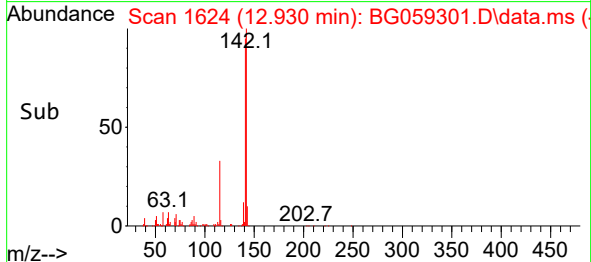
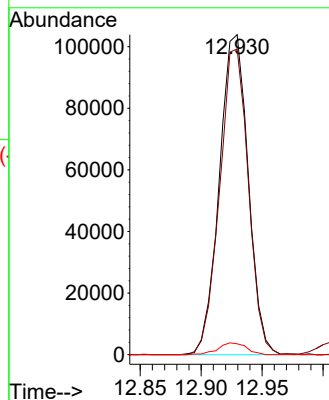
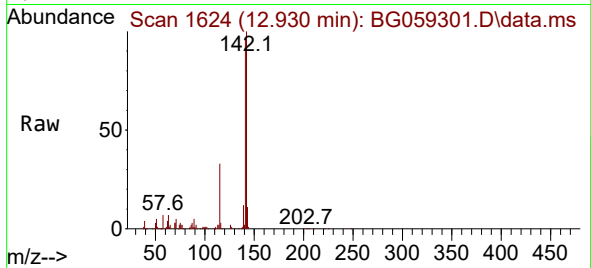
Tgt Ion:142 Resp: 171328

Ion Ratio Lower Upper

142 100

141 95.5 71.6 107.4

116 3.4 2.3 3.5



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.635 ng/ul

RT: 13.053 min Scan# 1645

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Tgt Ion:216 Resp: 90791

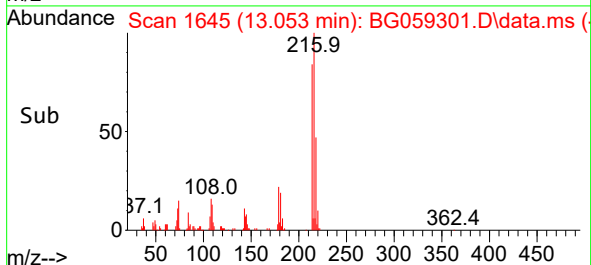
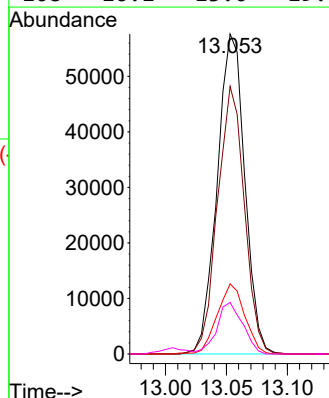
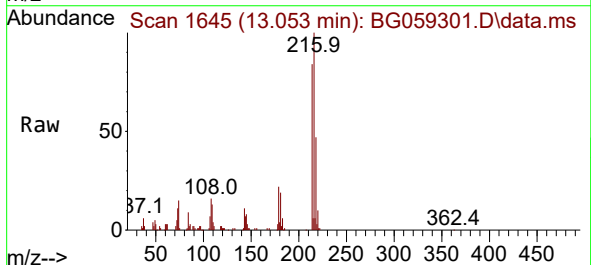
Ion Ratio Lower Upper

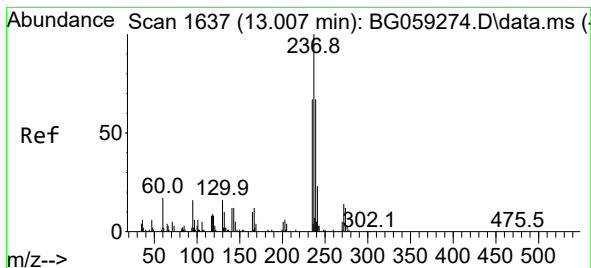
216 100

214 83.6 62.4 93.6

179 21.9 16.3 24.5

108 16.1 13.0 19.6





#40

Hexachlorocyclopentadiene

Concen: 15.724 ng/ul

RT: 13.006 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

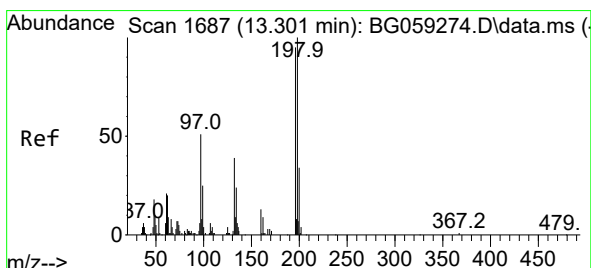
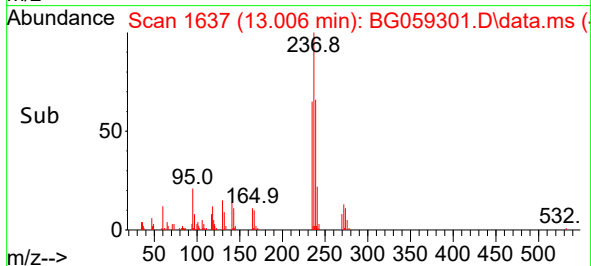
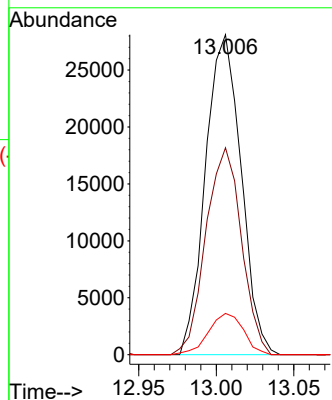
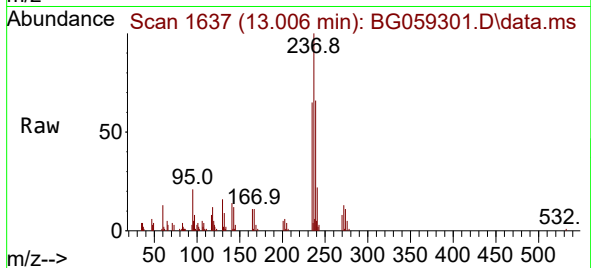
Tgt Ion:237 Resp: 44849

Ion Ratio Lower Upper

237 100

235 64.6 50.6 76.0

272 12.9 11.7 17.5



#41

2,4,6-Trichlorophenol

Concen: 21.273 ng/ul

RT: 13.300 min Scan# 1687

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

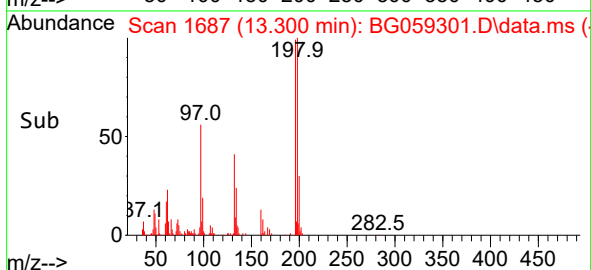
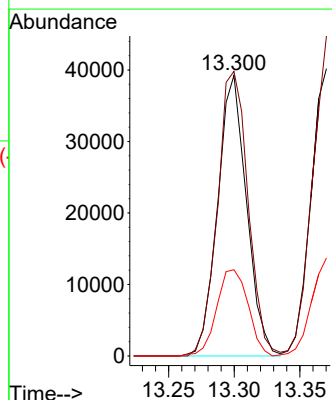
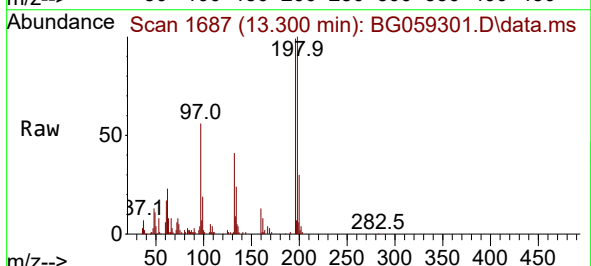
Tgt Ion:196 Resp: 60222

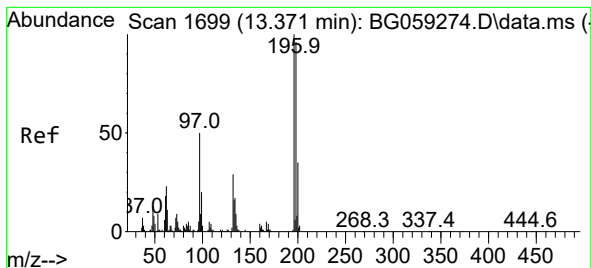
Ion Ratio Lower Upper

196 100

198 101.4 72.4 108.6

200 30.8 23.8 35.8





#42

2,4,5-Trichlorophenol

Concen: 22.552 ng/ul

RT: 13.370 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

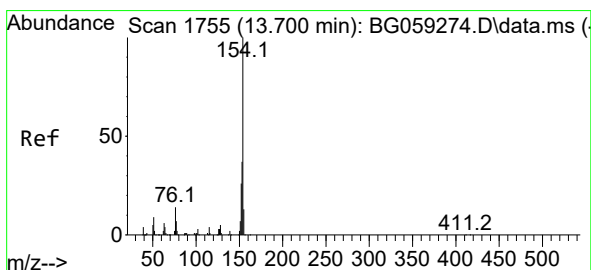
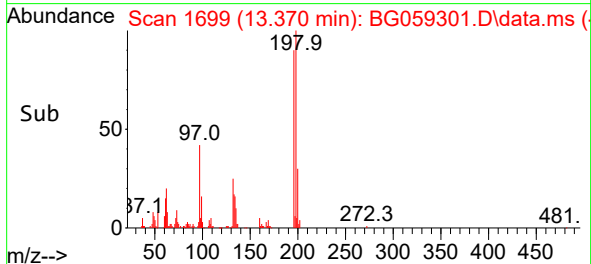
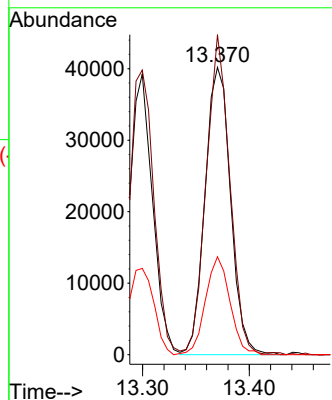
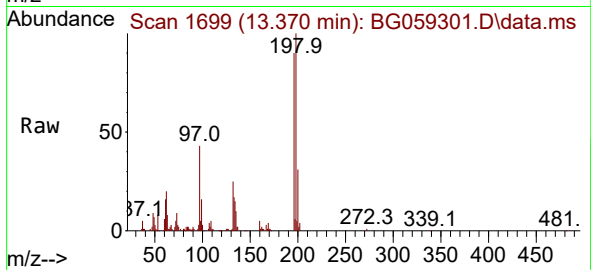
Tgt Ion:196 Resp: 66992

Ion Ratio Lower Upper

196 100

198 111.3 82.2 123.4

200 34.1 28.2 42.2



#43

1,1'-Biphenyl

Concen: 19.635 ng/ul

RT: 13.699 min Scan# 1755

Delta R.T. -0.008 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

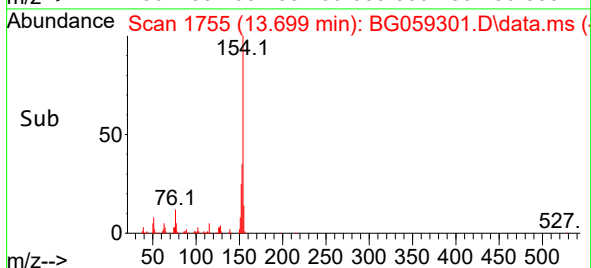
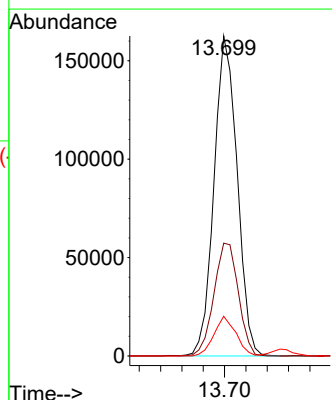
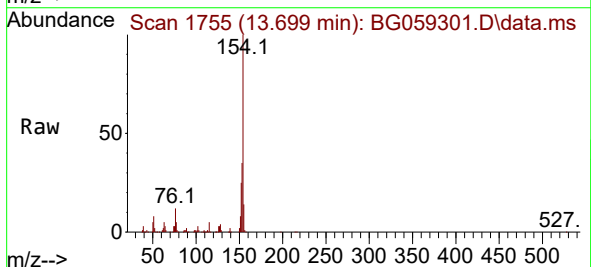
Tgt Ion:154 Resp: 244916

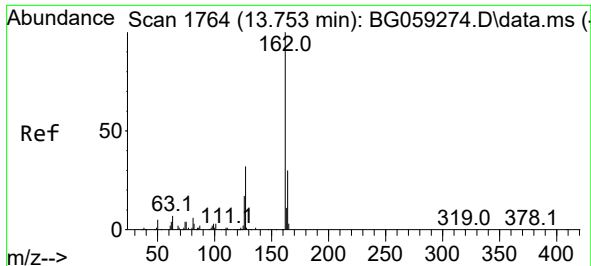
Ion Ratio Lower Upper

154 100

153 35.3 29.2 43.8

76 12.4 10.1 15.1

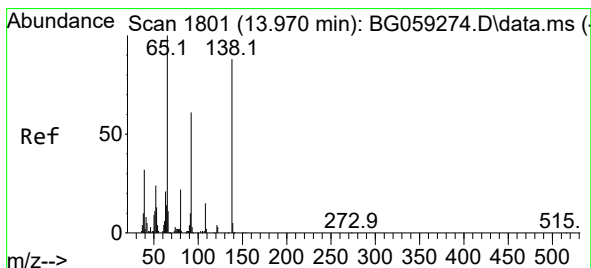
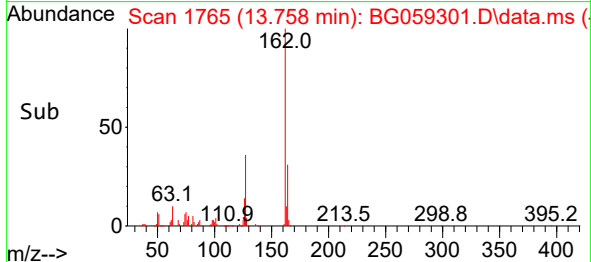
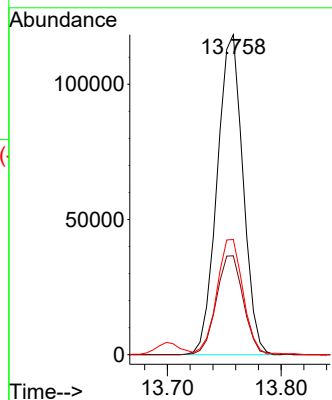
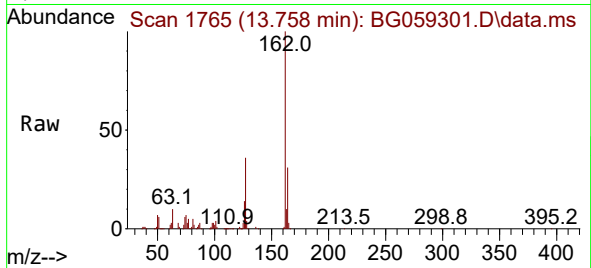




#44
2-Chloronaphthalene
Concen: 19.915 ng/ul
RT: 13.758 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

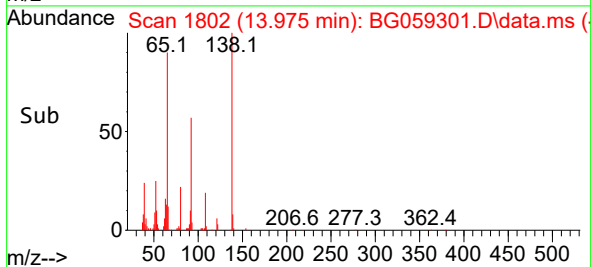
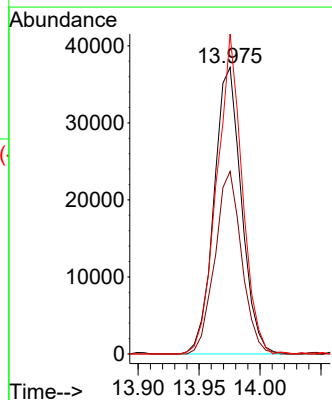
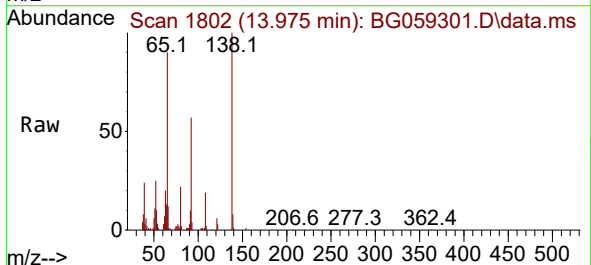
Instrument :
BNA_G
ClientSampleId :
SSTD020586

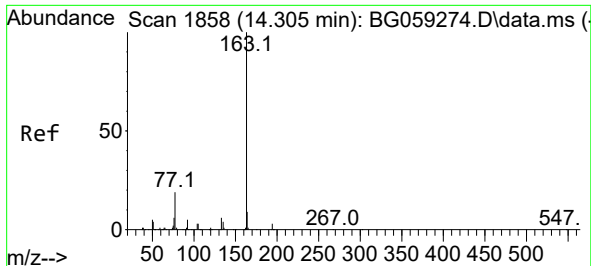
Tgt Ion:162 Resp: 187024
Ion Ratio Lower Upper
162 100
164 30.9 24.6 37.0
127 36.0 28.1 42.1



#45
2-Nitroaniline
Concen: 21.974 ng/ul
RT: 13.975 min Scan# 1802
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion: 65 Resp: 58209
Ion Ratio Lower Upper
65 100
92 63.7 51.0 76.4
138 111.7 80.5 120.7

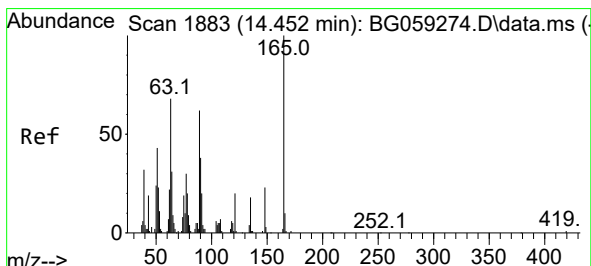
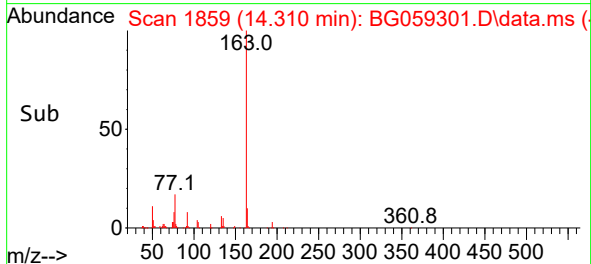
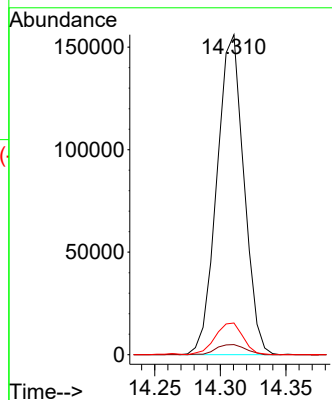
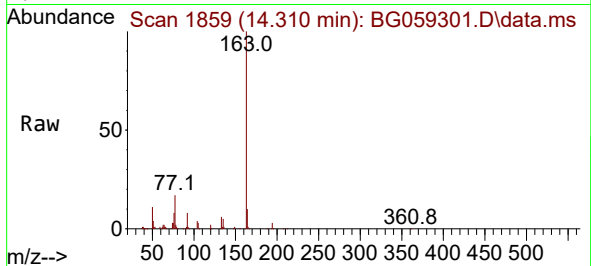




#47
Dimethylphthalate
Concen: 19.546 ng/ul
RT: 14.310 min Scan# 1859
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

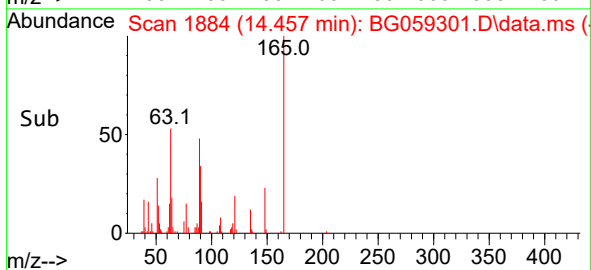
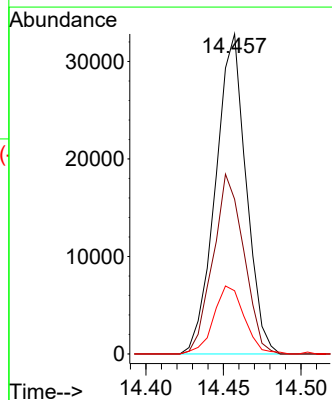
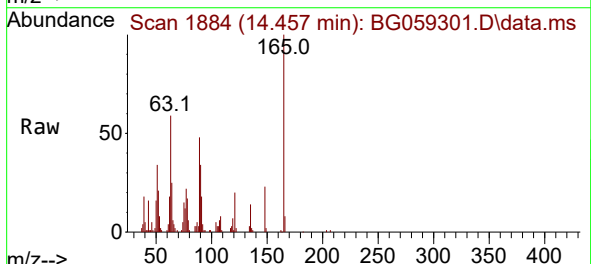
Instrument :
BNA_G
ClientSampleId :
SSTD020586

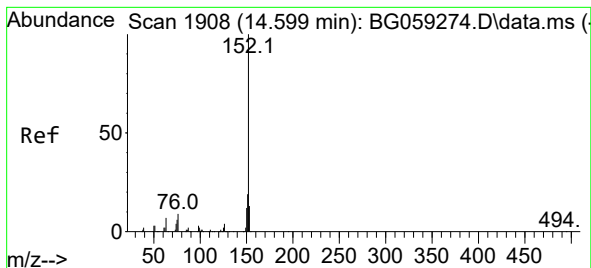
Tgt Ion:163 Resp: 223557
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 23.121 ng/ul
RT: 14.457 min Scan# 1884
Delta R.T. 0.004 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:165 Resp: 44978
Ion Ratio Lower Upper
165 100
89 48.3 53.0 79.4#
121 19.8 19.2 28.8





#50

Acenaphthylene

Concen: 19.425 ng/ul

RT: 14.598 min Scan# 1908

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

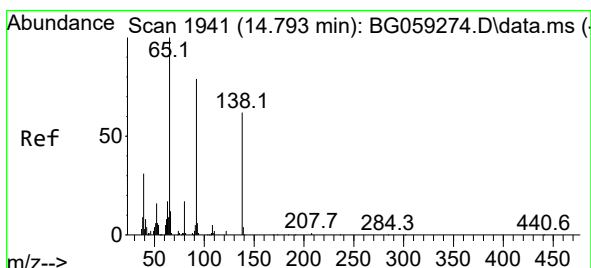
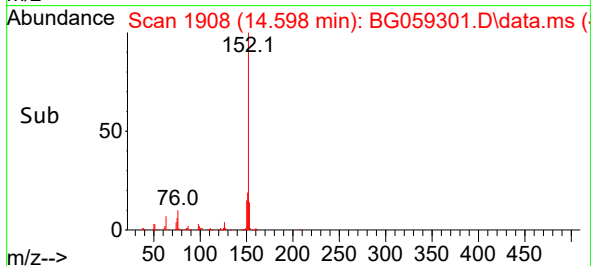
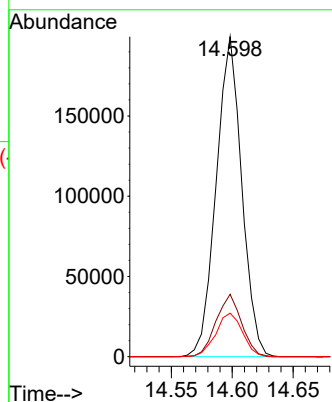
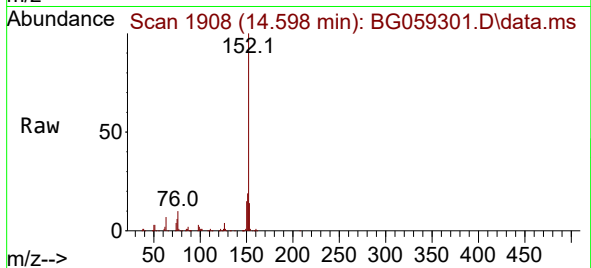
Tgt Ion:152 Resp: 290612

Ion Ratio Lower Upper

152 100

151 19.5 14.6 21.8

153 13.6 10.9 16.3



#51

3-Nitroaniline

Concen: 22.832 ng/ul

RT: 14.792 min Scan# 1941

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

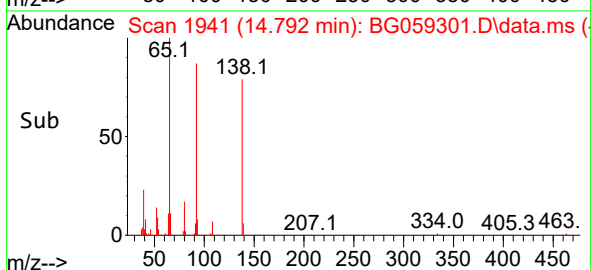
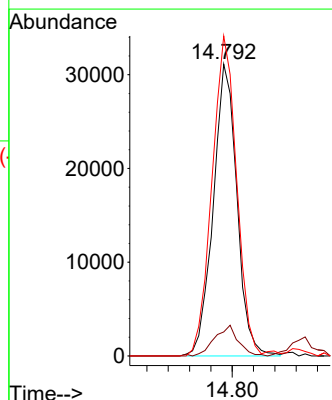
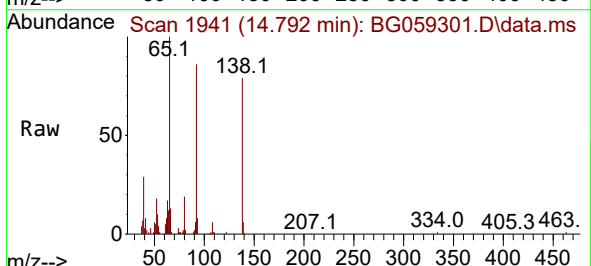
Tgt Ion:138 Resp: 47946

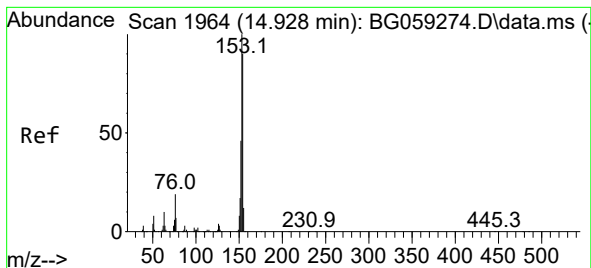
Ion Ratio Lower Upper

138 100

108 8.2 10.0 15.0#

92 109.6 95.0 142.6





#52

Acenaphthene

Concen: 19.691 ng/ul

RT: 14.933 min Scan# 1965

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

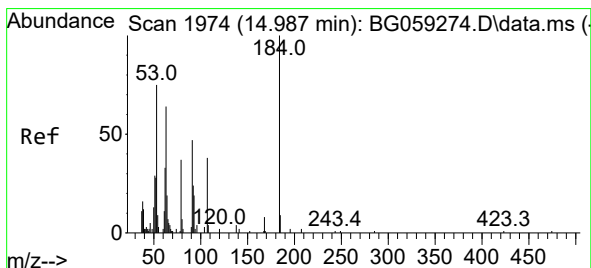
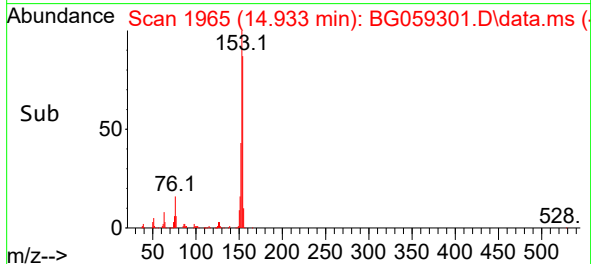
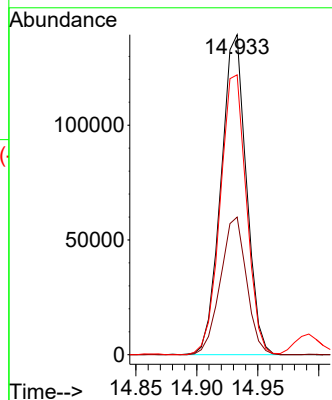
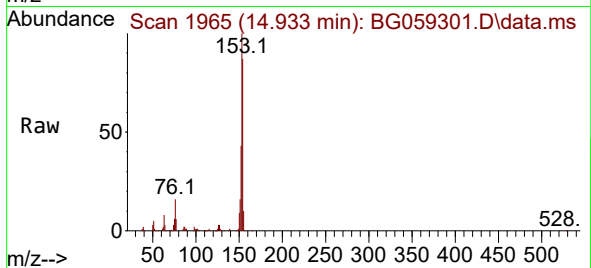
Tgt Ion:153 Resp: 202206

Ion Ratio Lower Upper

153 100

152 43.0 38.5 57.7

154 87.4 76.3 114.5



#53

2,4-Dinitrophenol

Concen: 21.773 ng/ul

RT: 14.992 min Scan# 1975

Delta R.T. 0.004 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

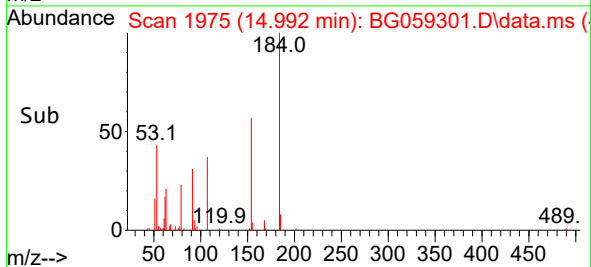
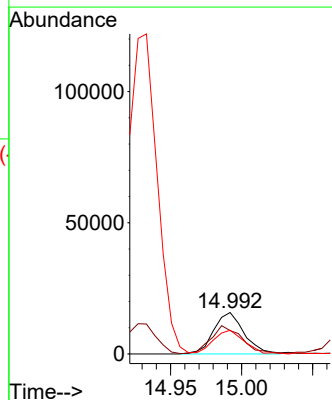
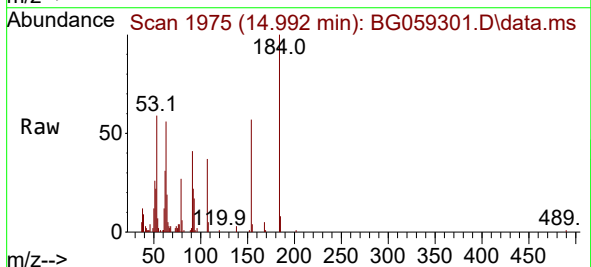
Tgt Ion:184 Resp: 23544

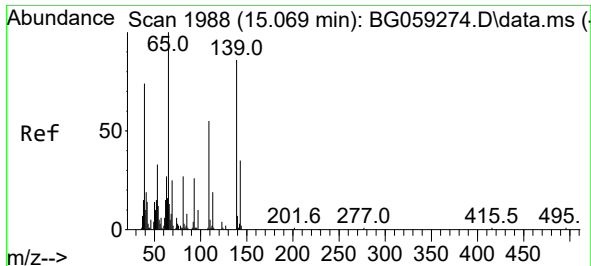
Ion Ratio Lower Upper

184 100

63 56.2 69.9 104.9#

154 57.0 38.6 58.0

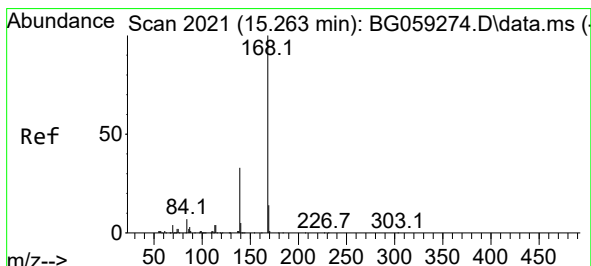
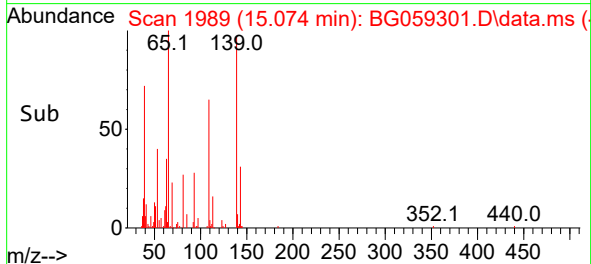
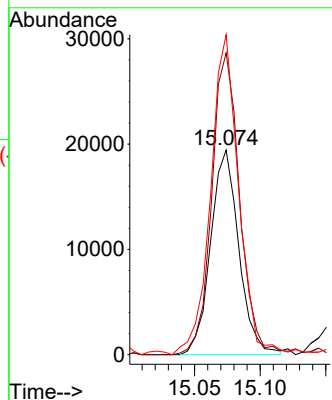
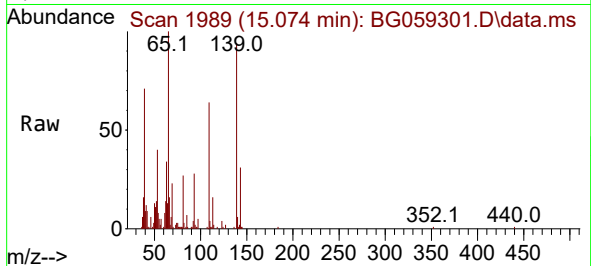




#55
4-Nitrophenol
Concen: 21.111 ng/ul
RT: 15.074 min Scan# 1988
Delta R.T. 0.004 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

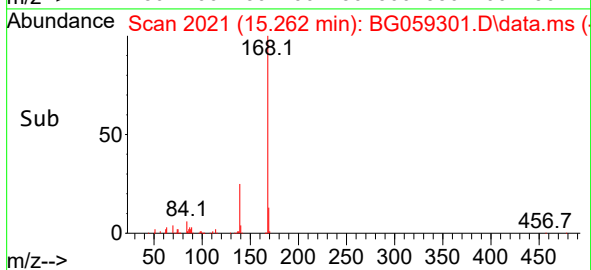
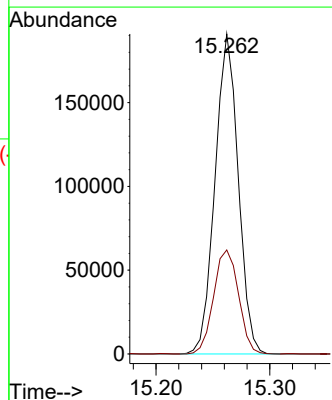
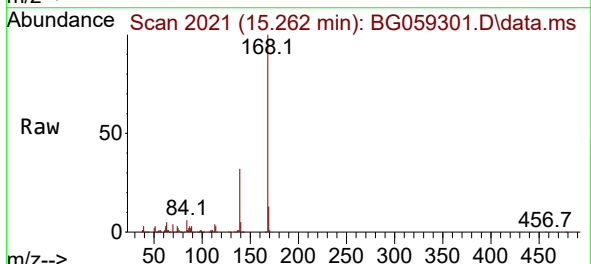
Instrument :
BNA_G
ClientSampleId :
SSTD020586

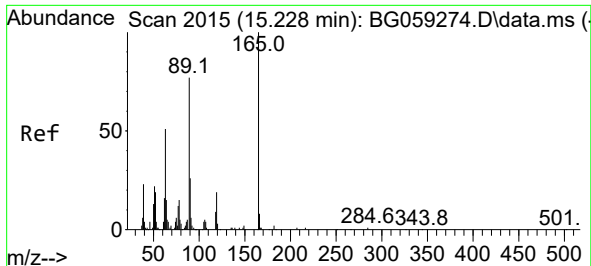
Tgt Ion:109 Resp: 29038
Ion Ratio Lower Upper
109 100
139 147.5 115.5 173.3
65 156.4 122.8 184.2



#56
Dibenzofuran
Concen: 19.871 ng/ul
RT: 15.262 min Scan# 2021
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:168 Resp: 270490
Ion Ratio Lower Upper
168 100
139 32.5 26.6 39.8





#57

2,4-Dinitrotoluene

Concen: 23.071 ng/ul

RT: 15.233 min Scan# 2015

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

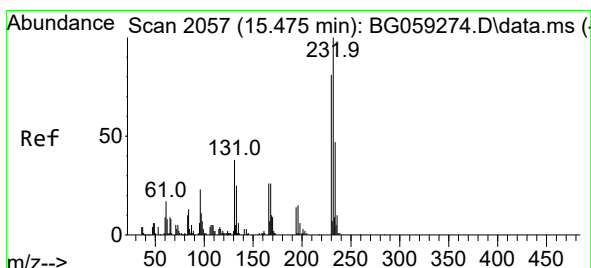
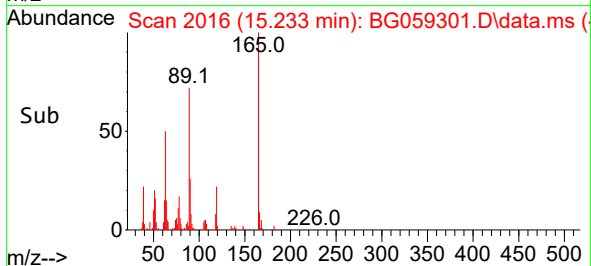
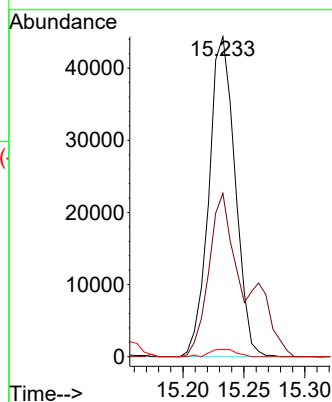
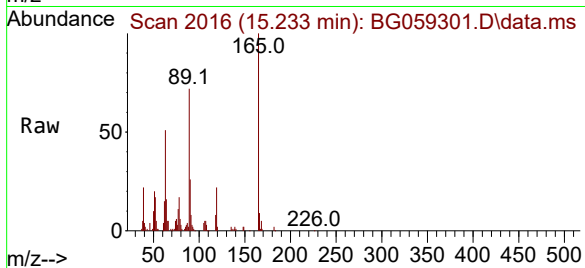
Tgt Ion:165 Resp: 66453

Ion Ratio Lower Upper

165 100

63 51.0 43.5 65.3

182 2.2 1.8 2.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.484 ng/ul

RT: 15.474 min Scan# 2057

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Tgt Ion:232 Resp: 60464

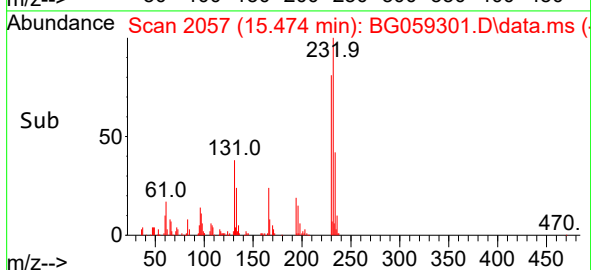
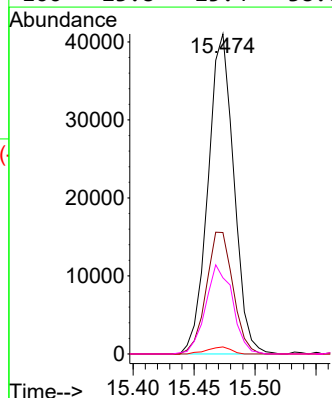
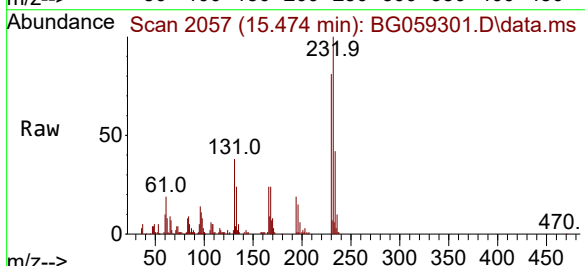
Ion Ratio Lower Upper

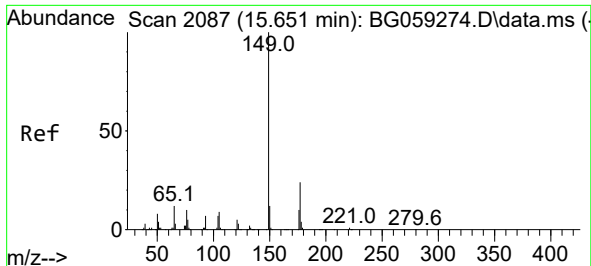
232 100

131 38.0 33.9 50.9

130 2.2 1.5 2.3

166 23.8 25.4 38.0#

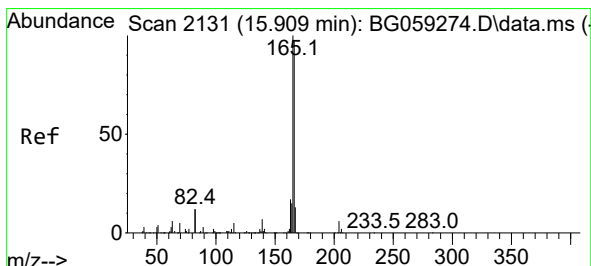
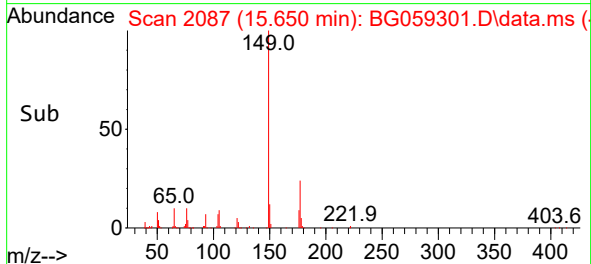
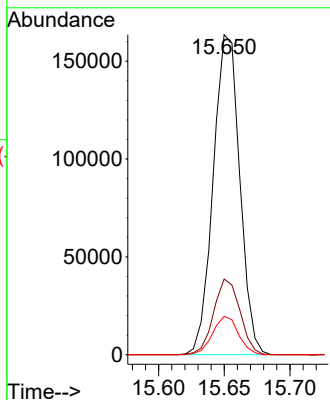
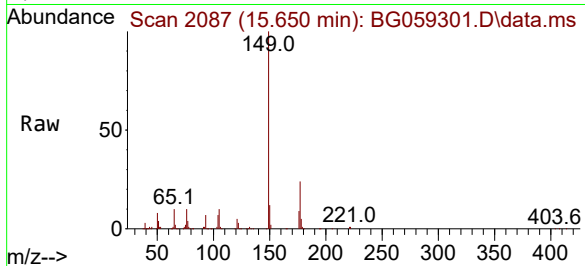




#59
Diethylphthalate
Concen: 20.782 ng/ul
RT: 15.650 min Scan# 2087
Delta R.T. -0.008 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

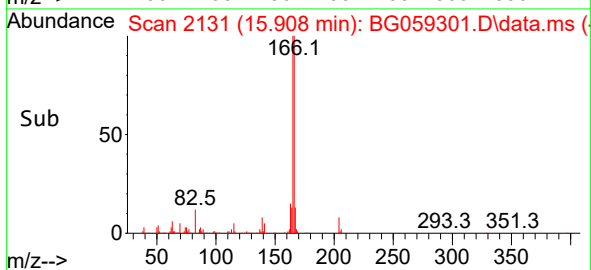
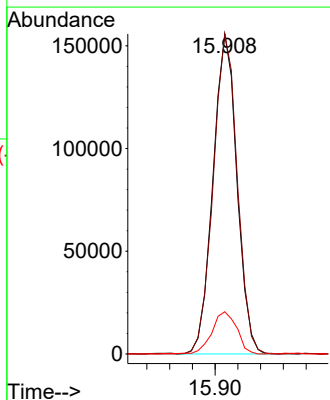
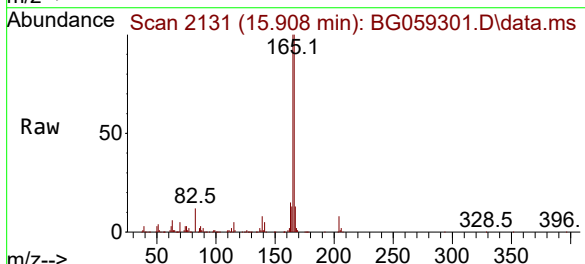
Instrument :
BNA_G
ClientSampleId :
SSTD020586

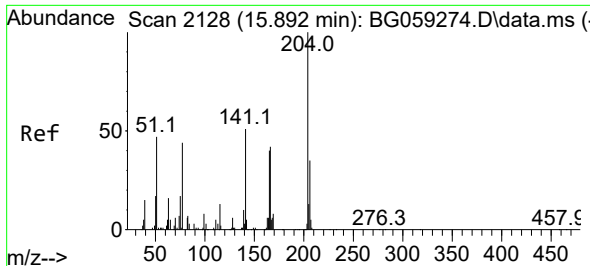
Tgt Ion:149 Resp: 229783
Ion Ratio Lower Upper
149 100
177 23.7 17.3 25.9
150 12.0 10.0 15.0



#61
Fluorene
Concen: 19.935 ng/ul
RT: 15.908 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:166 Resp: 227840
Ion Ratio Lower Upper
166 100
165 100.0 78.6 118.0
167 13.2 11.8 17.8

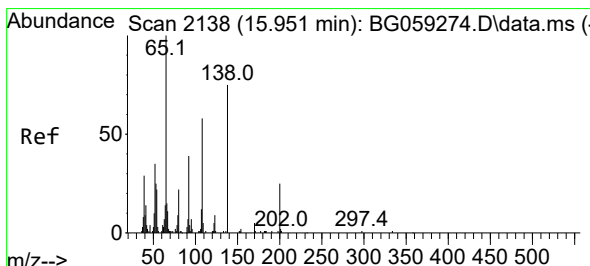
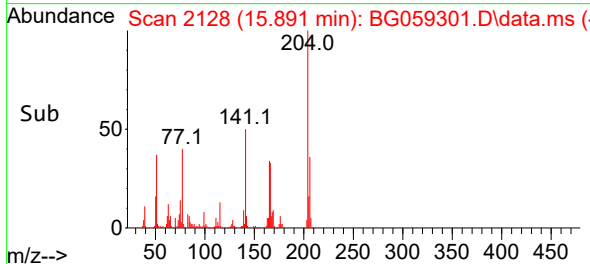
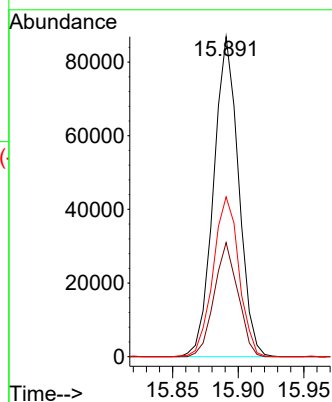
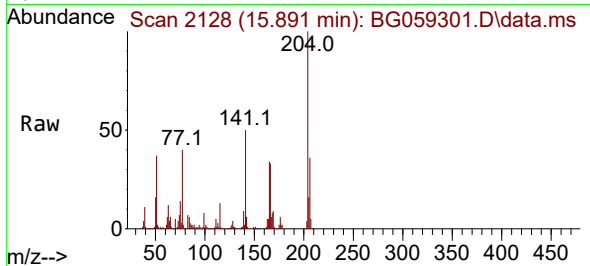




#62
4-Chlorophenyl-phenylether
Concen: 20.191 ng/ul
RT: 15.891 min Scan# 2128
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

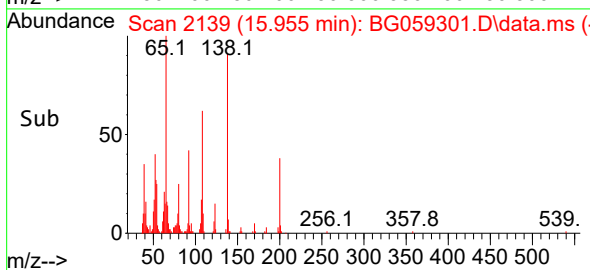
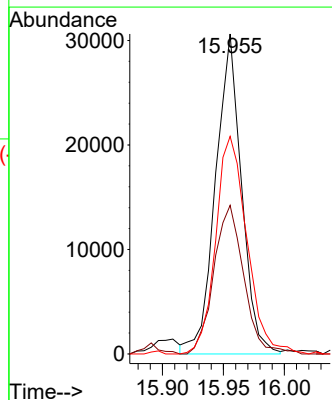
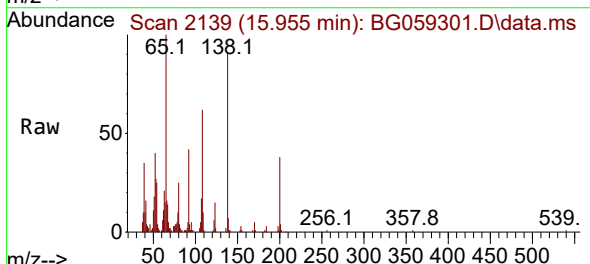
Instrument :
BNA_G
ClientSampleId :
SSTD020586

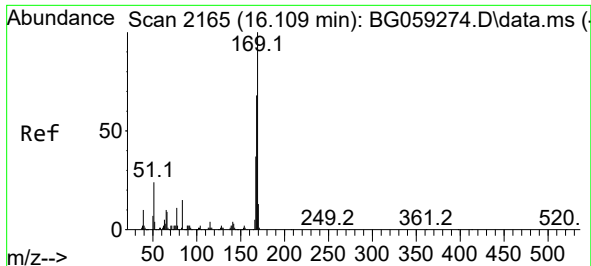
Tgt Ion:204 Resp: 115037
Ion Ratio Lower Upper
204 100
206 35.6 23.7 35.5#
141 50.0 41.6 62.4



#63
4-Nitroaniline
Concen: 23.481 ng/ul
RT: 15.955 min Scan# 2139
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:138 Resp: 45378
Ion Ratio Lower Upper
138 100
92 46.4 41.0 61.6
108 68.0 57.0 85.4

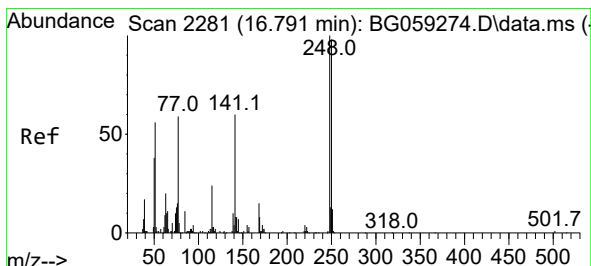
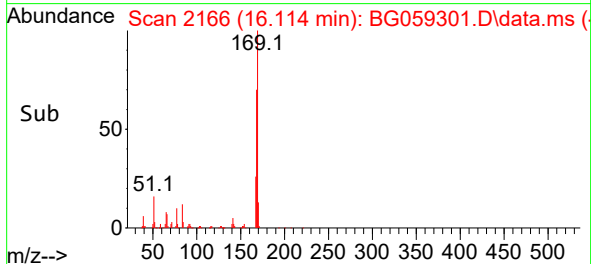
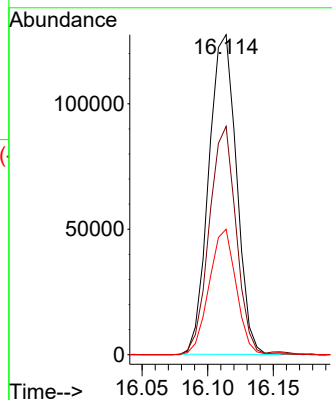
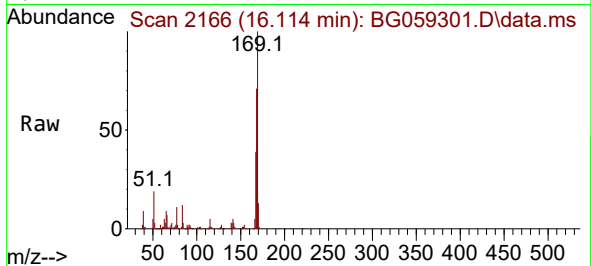




#67
N-Nitrosodiphenylamine
Concen: 22.177 ng/ul
RT: 16.114 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

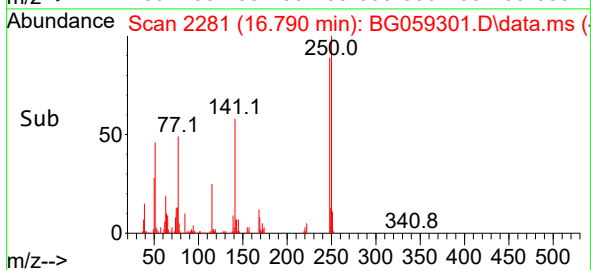
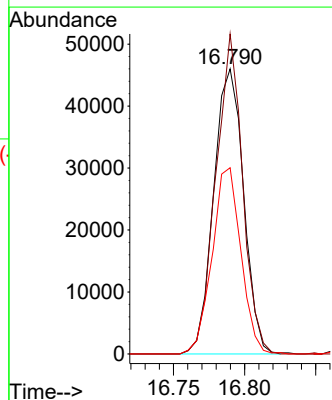
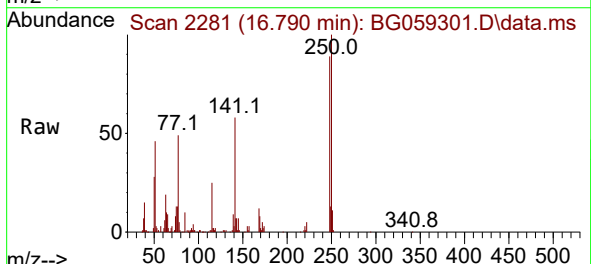
Instrument :
BNA_G
ClientSampleId :
SSTD020586

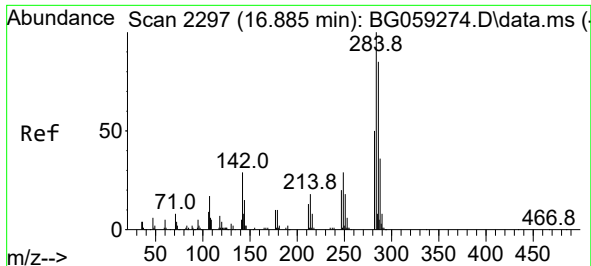
Tgt Ion:169 Resp: 187588
Ion Ratio Lower Upper
169 100
168 71.3 57.0 85.6
167 39.2 29.8 44.6



#68
4-Bromophenyl-phenylether
Concen: 21.914 ng/ul
RT: 16.790 min Scan# 2281
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:248 Resp: 67370
Ion Ratio Lower Upper
248 100
250 112.3 78.9 118.3
141 65.4 49.6 74.4

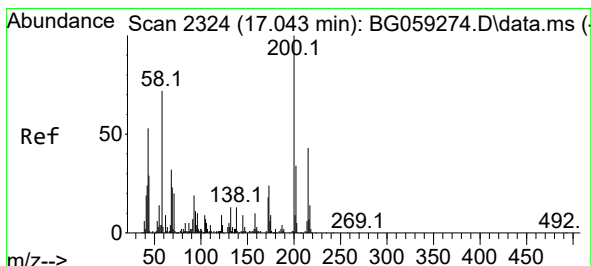
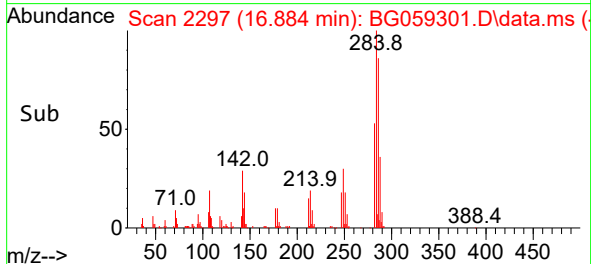
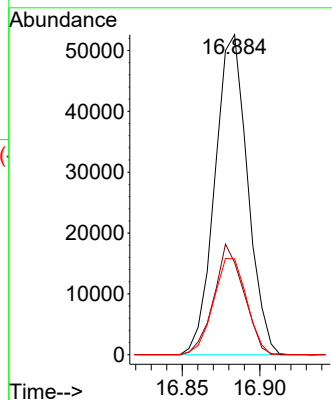
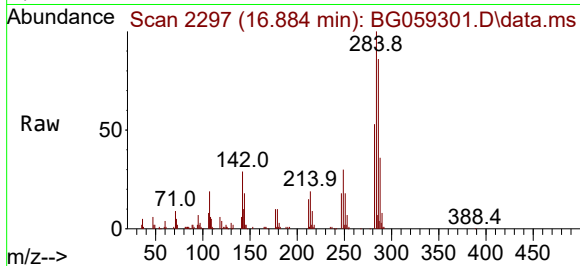




#69
Hexachlorobenzene
Concen: 22.184 ng/ul
RT: 16.884 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

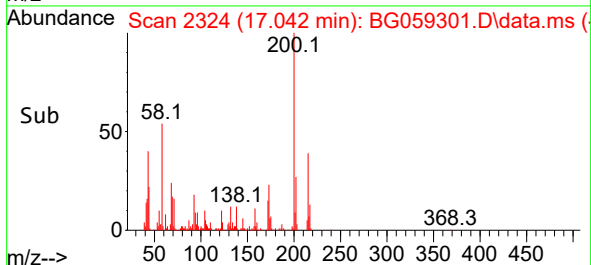
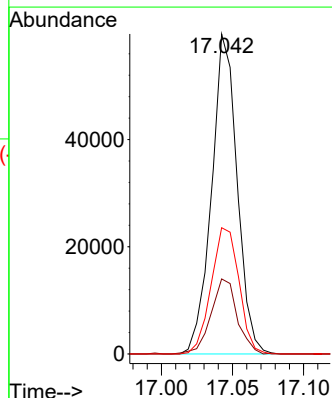
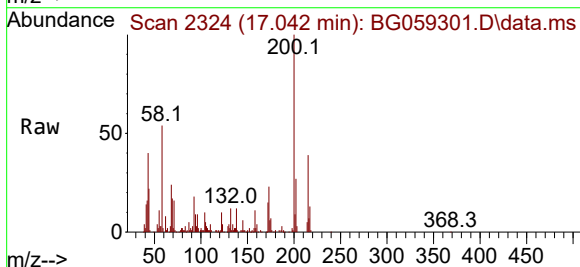
Instrument :
BNA_G
ClientSampleId :
SSTD020586

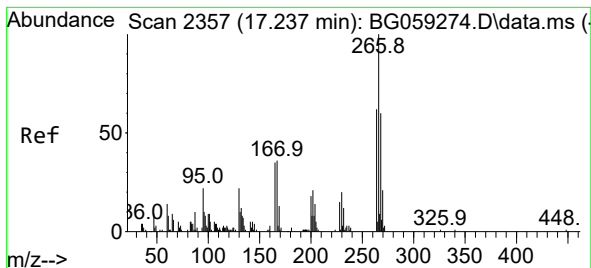
Tgt Ion:284 Resp: 77046
Ion Ratio Lower Upper
284 100
142 26.9 26.8 40.2
249 28.0 24.2 36.4



#70
Atrazine
Concen: 23.185 ng/ul
RT: 17.042 min Scan# 2324
Delta R.T. -0.008 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:200 Resp: 74572
Ion Ratio Lower Upper
200 100
173 23.4 17.4 26.0
215 39.4 35.8 53.6





#71

Pentachlorophenol

Concen: 23.248 ng/ul

RT: 17.236 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

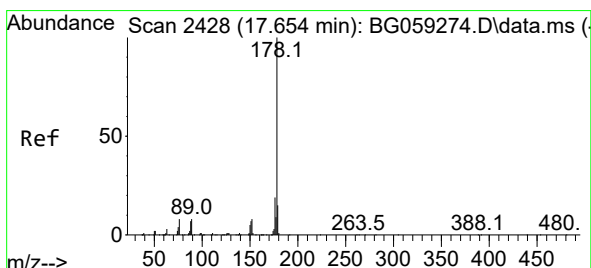
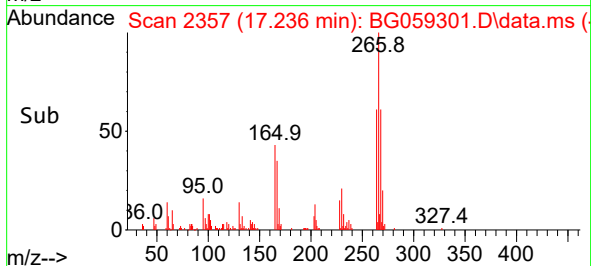
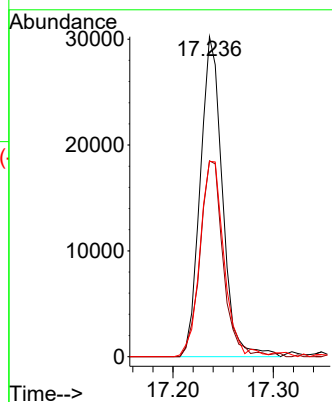
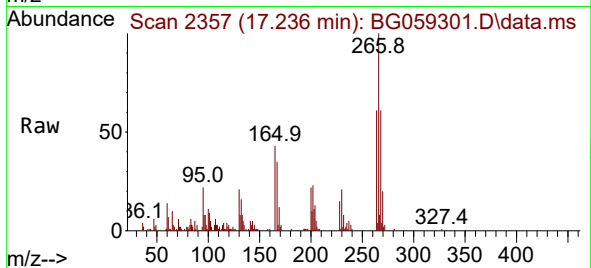
Tgt Ion:266 Resp: 46470

Ion Ratio Lower Upper

266 100

264 61.2 46.4 69.6

268 61.1 46.0 69.0



#72

Phenanthrene

Concen: 22.463 ng/ul

RT: 17.747 min Scan# 2444

Delta R.T. 0.086 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

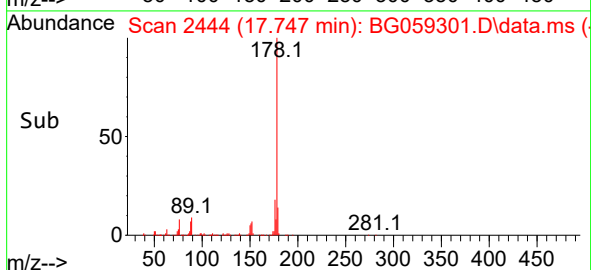
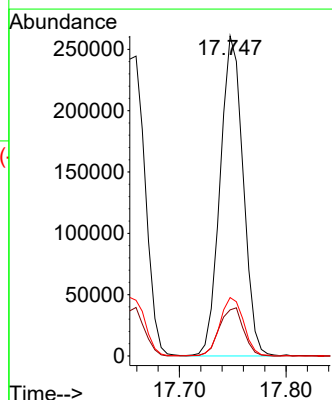
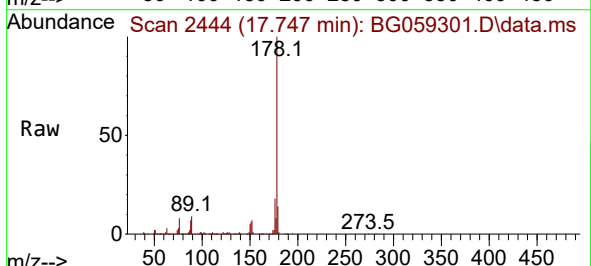
Tgt Ion:178 Resp: 391189

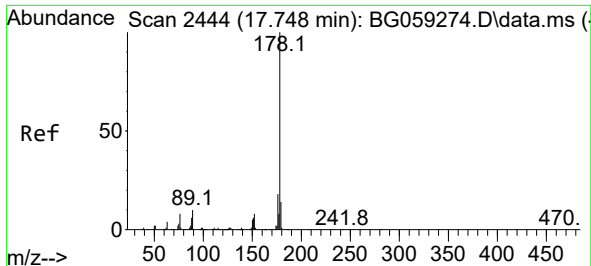
Ion Ratio Lower Upper

178 100

179 14.4 12.3 18.5

176 18.3 14.6 21.8

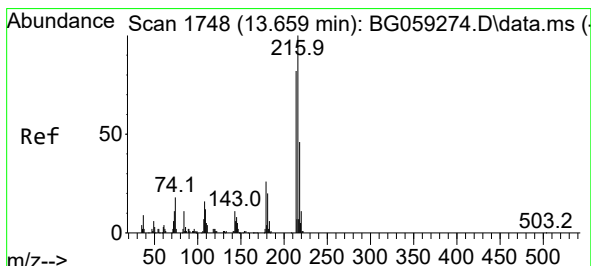
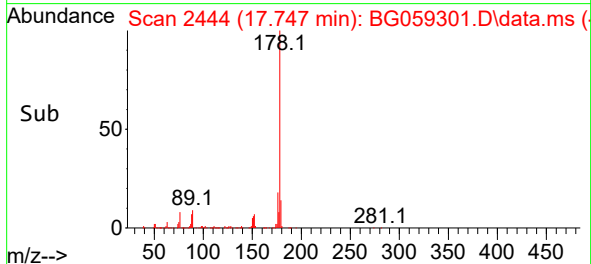
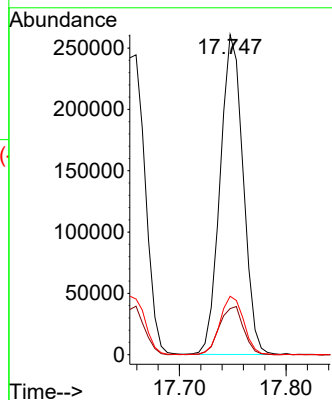
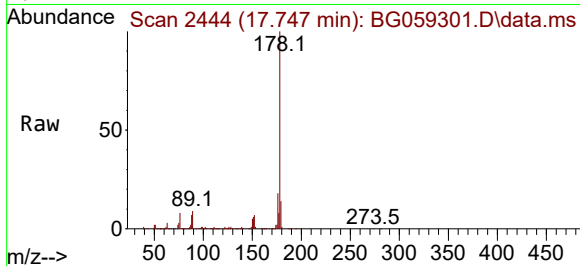




#74
 Anthracene
 Concen: 21.679 ng/uI
 RT: 17.747 min Scan# 2444
 Delta R.T. -0.008 min
 Lab File: BG059301.D
 Acq: 5 Oct 2023 18:05

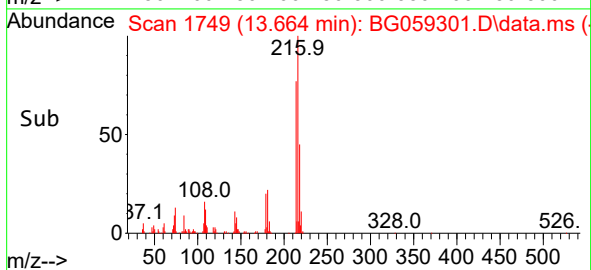
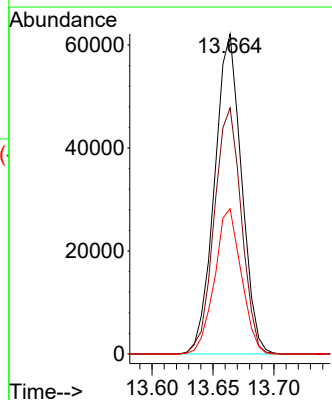
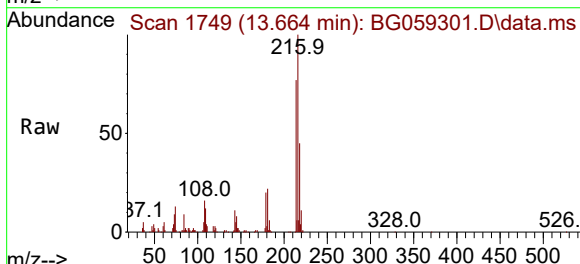
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020586

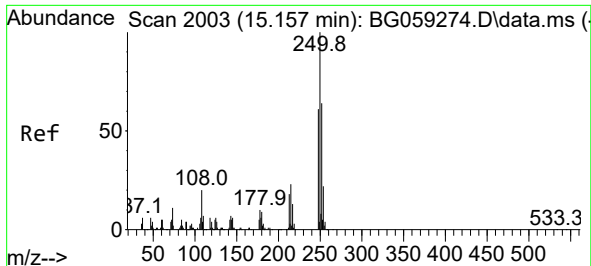
Tgt Ion:178 Resp: 389833
 Ion Ratio Lower Upper
 178 100
 179 14.4 12.0 18.0
 176 18.3 14.5 21.7



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 22.871 ng/uL
 RT: 13.664 min Scan# 1749
 Delta R.T. -0.002 min
 Lab File: BG059301.D
 Acq: 5 Oct 2023 18:05

Tgt Ion:216 Resp: 95640
 Ion Ratio Lower Upper
 216 100
 214 76.9 64.3 96.5
 218 45.4 38.6 57.8

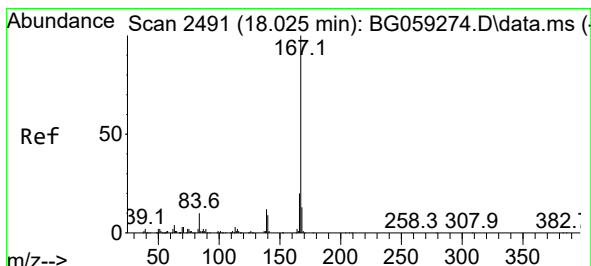
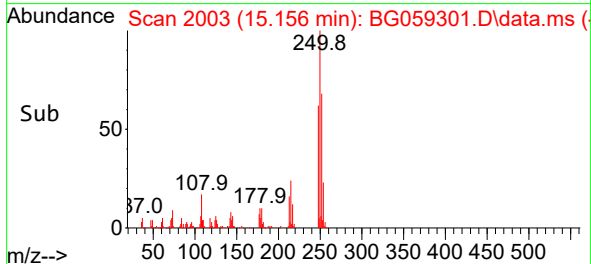
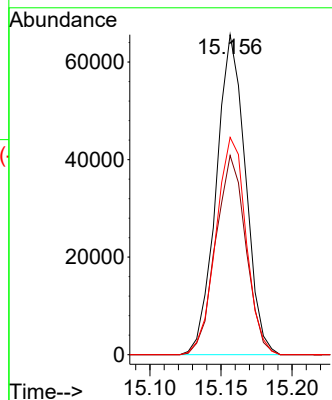
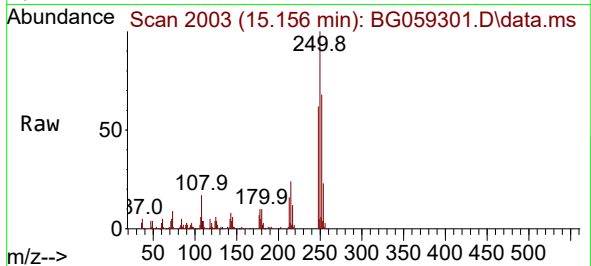




#76
 Pentachlorobenzene
 Concen: 22.749 ng/uL
 RT: 15.156 min Scan# 2003
 Delta R.T. -0.002 min
 Lab File: BG059301.D
 Acq: 5 Oct 2023 18:05

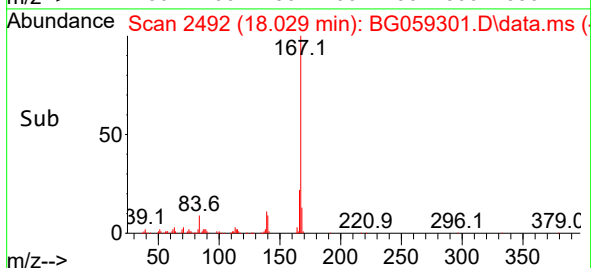
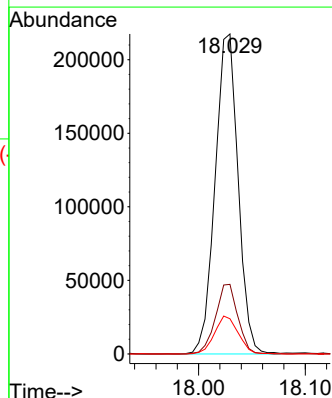
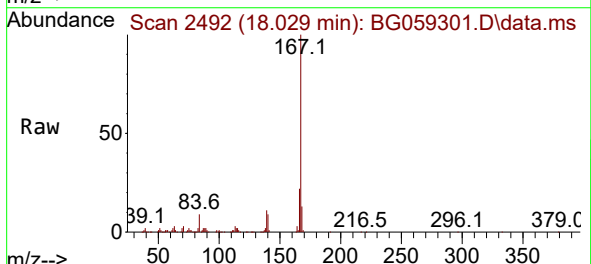
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020586

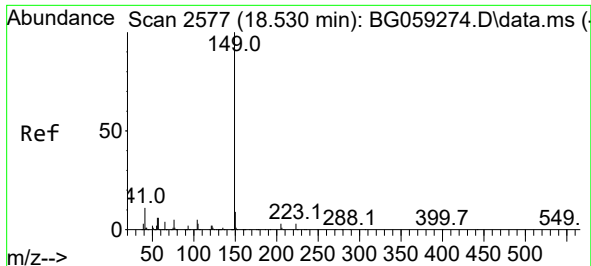
Tgt Ion:250 Resp: 93930
 Ion Ratio Lower Upper
 250 100
 248 62.3 50.4 75.6
 252 67.9 55.8 83.6



#77
 Carbazole
 Concen: 22.202 ng/uL
 RT: 18.029 min Scan# 2492
 Delta R.T. -0.002 min
 Lab File: BG059301.D
 Acq: 5 Oct 2023 18:05

Tgt Ion:167 Resp: 325385
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 11.0 9.0 13.4

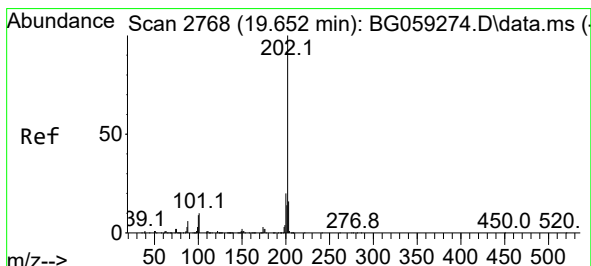
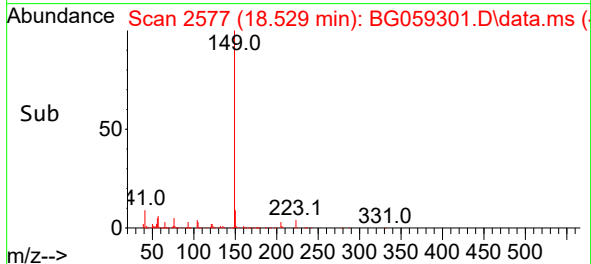
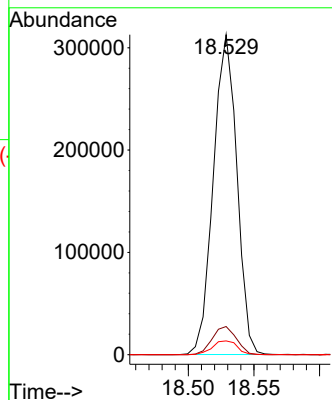
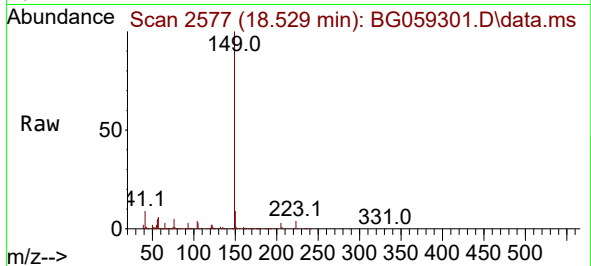




#78
Di-n-butylphthalate
Concen: 22.427 ng/ul
RT: 18.529 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

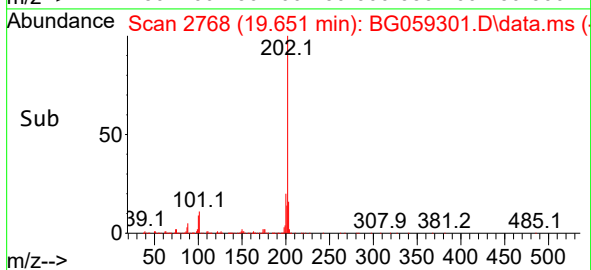
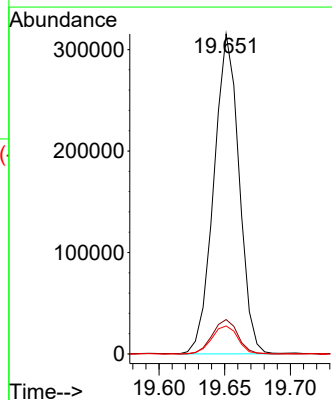
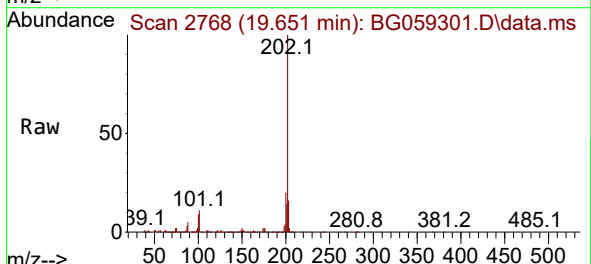
Instrument :
BNA_G
ClientSampleId :
SSTD020586

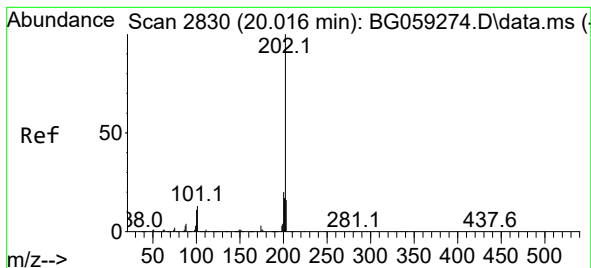
Tgt Ion:149 Resp: 389638
Ion Ratio Lower Upper
149 100
150 8.8 7.2 10.8
104 4.3 3.6 5.4



#80
Fluoranthene
Concen: 21.914 ng/ul
RT: 19.651 min Scan# 2768
Delta R.T. -0.008 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:202 Resp: 422329
Ion Ratio Lower Upper
202 100
101 10.7 8.2 12.4
100 8.7 8.2 12.2





#82

Pyrene

Concen: 20.914 ng/ul

RT: 20.015 min Scan# 2830

Delta R.T. -0.008 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

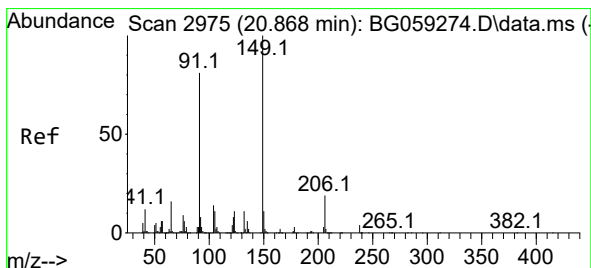
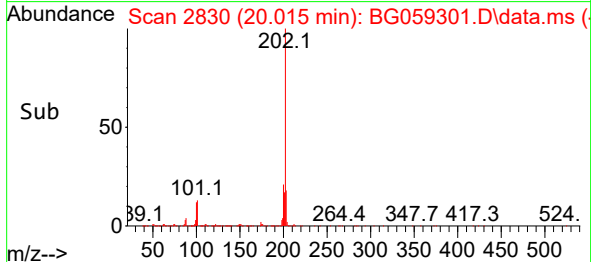
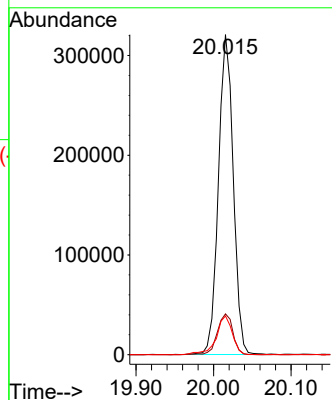
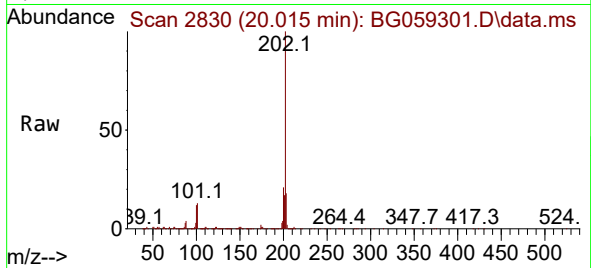
Tgt Ion:202 Resp: 426933

Ion Ratio Lower Upper

202 100

101 12.8 10.2 15.4

100 12.1 9.6 14.4



#83

Butylbenzylphthalate

Concen: 22.542 ng/ul

RT: 20.867 min Scan# 2975

Delta R.T. -0.008 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

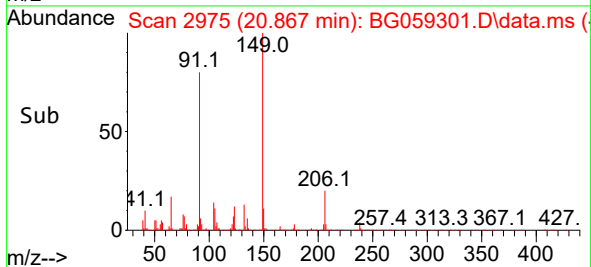
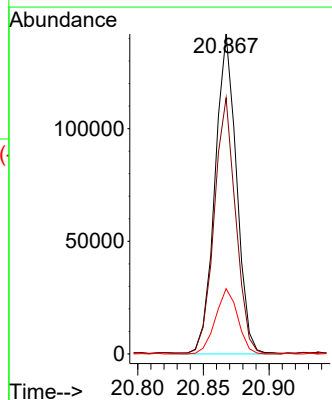
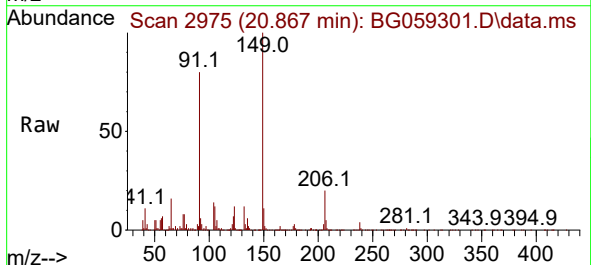
Tgt Ion:149 Resp: 162274

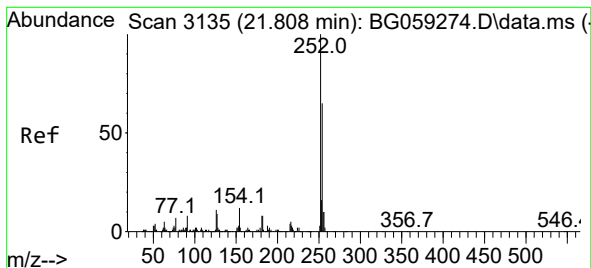
Ion Ratio Lower Upper

149 100

91 80.1 64.5 96.7

206 20.4 17.0 25.6





#84

3,3'-Dichlorobenzidine

Concen: 22.357 ng/ul

RT: 21.807 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

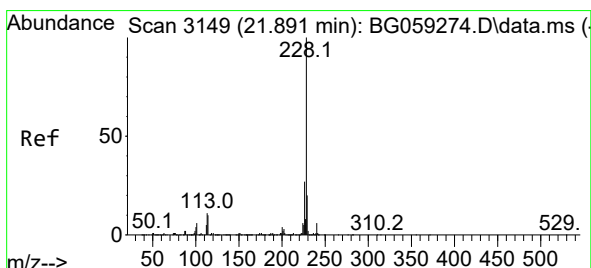
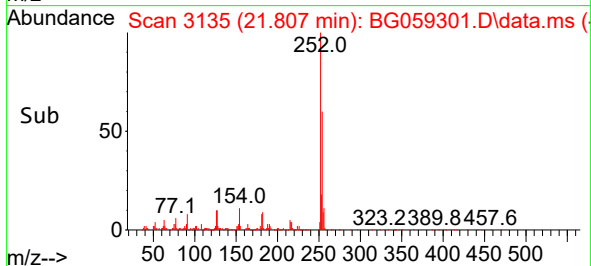
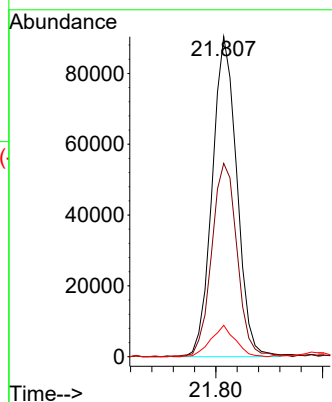
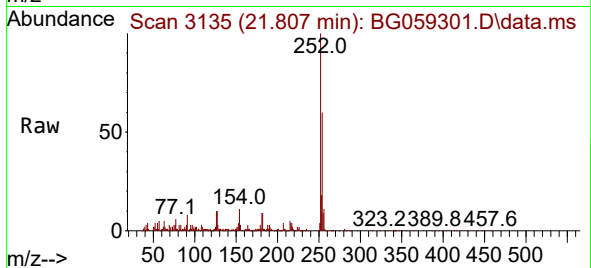
Tgt Ion:252 Resp: 144643

Ion Ratio Lower Upper

252 100

254 60.4 50.2 75.2

126 9.8 7.9 11.9



#85

Benzo(a)anthracene

Concen: 20.210 ng/ul

RT: 21.896 min Scan# 3150

Delta R.T. -0.008 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

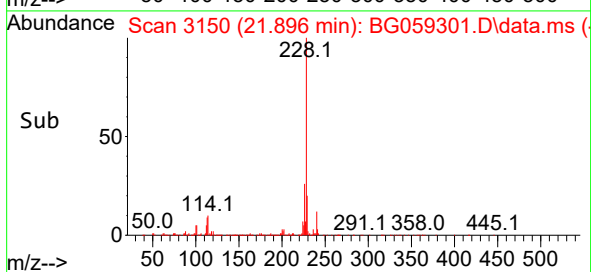
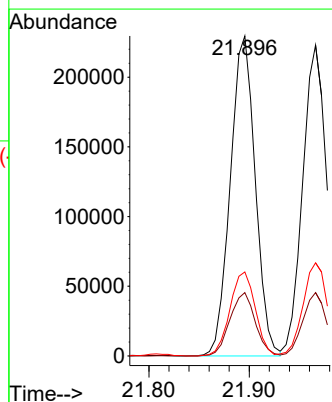
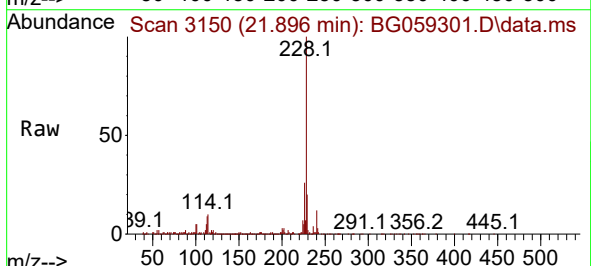
Tgt Ion:228 Resp: 397432

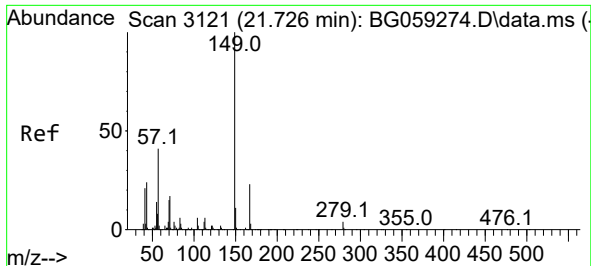
Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

226 26.3 21.4 32.2

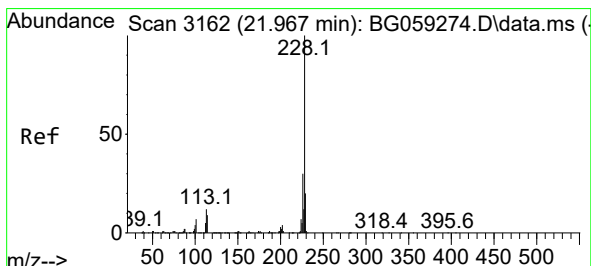
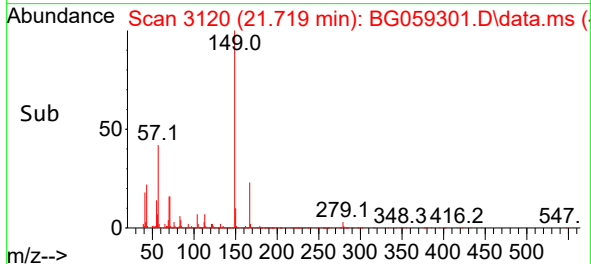
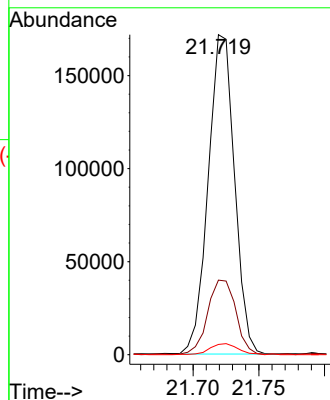
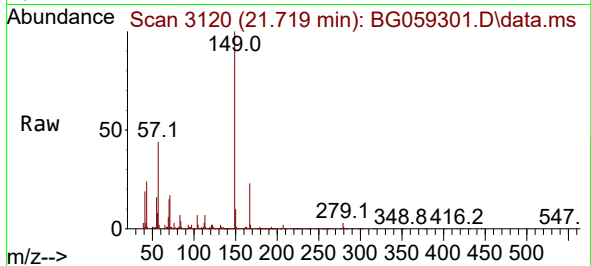




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 21.893 ng/ul
 RT: 21.719 min Scan# 3120
 Delta R.T. -0.020 min
 Lab File: BG059301.D
 Acq: 5 Oct 2023 18:05

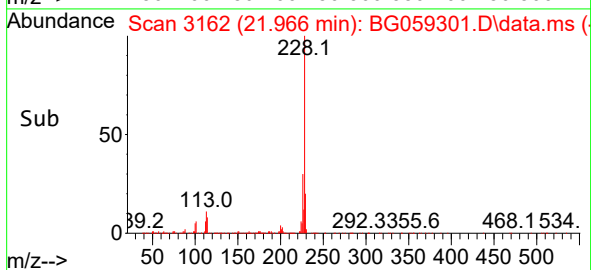
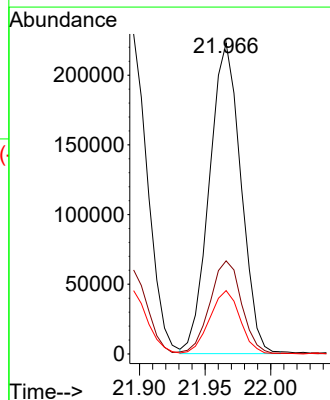
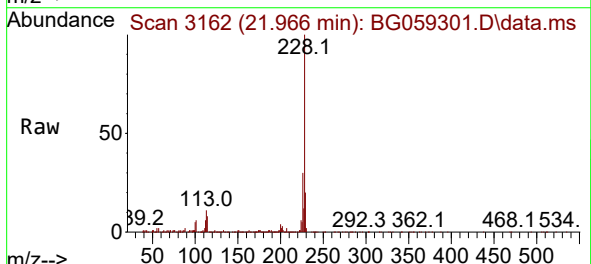
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020586

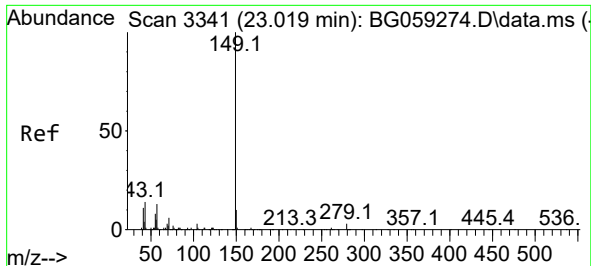
Tgt Ion:149 Resp: 239316
 Ion Ratio Lower Upper
 149 100
 167 23.3 19.1 28.7
 279 3.2 2.9 4.3



#87
 Chrysene
 Concen: 20.061 ng/ul
 RT: 21.966 min Scan# 3162
 Delta R.T. -0.008 min
 Lab File: BG059301.D
 Acq: 5 Oct 2023 18:05

Tgt Ion:228 Resp: 372596
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.4
 229 20.4 16.2 24.2

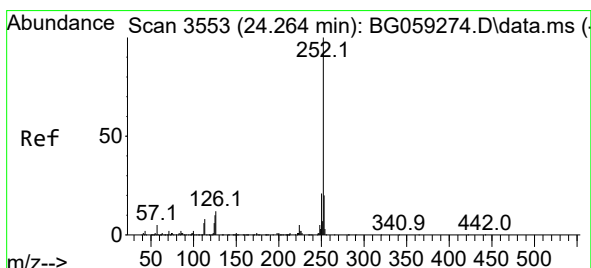
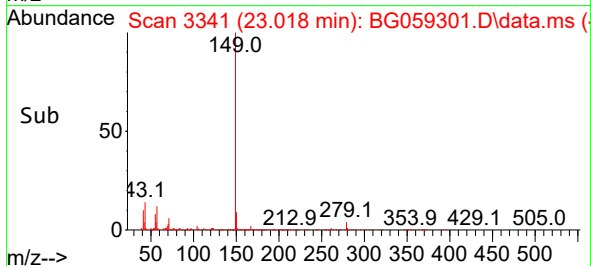
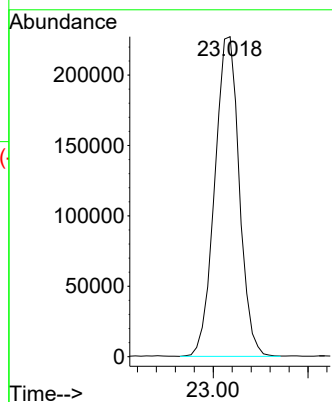
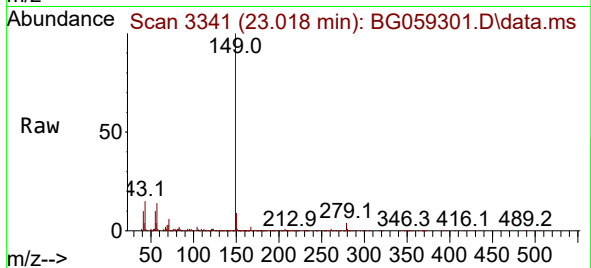




#89
Di-n-octyl phthalate
Concen: 21.193 ng/ul
RT: 23.018 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

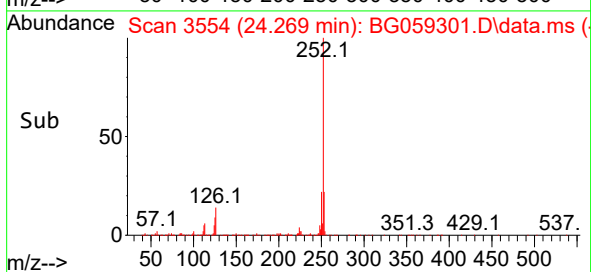
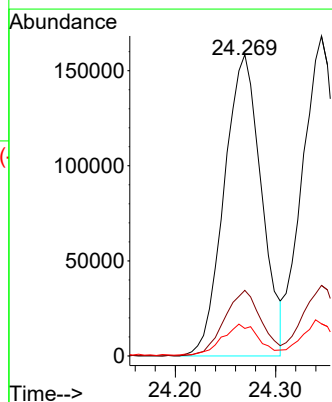
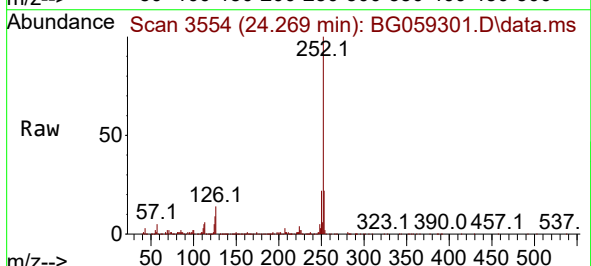
Instrument :
BNA_G
ClientSampleId :
SSTD020586

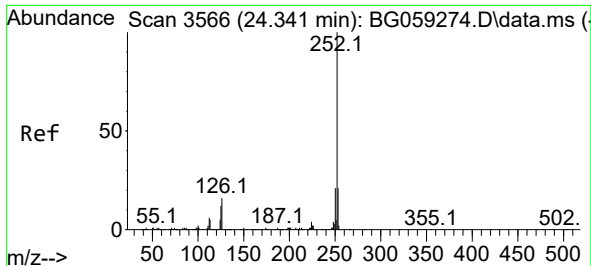
Tgt Ion:149 Resp: 407853



#90
Benzo(b)fluoranthene
Concen: 20.213 ng/ul
RT: 24.269 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:252 Resp: 409663
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.2 8.1 12.1

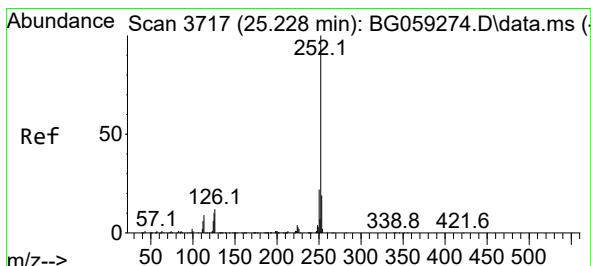
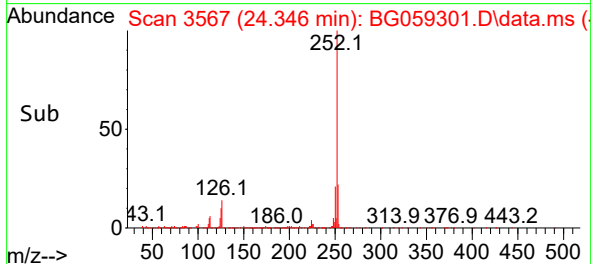
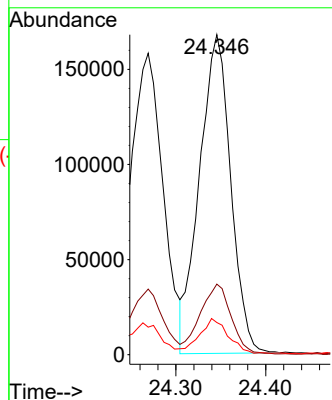
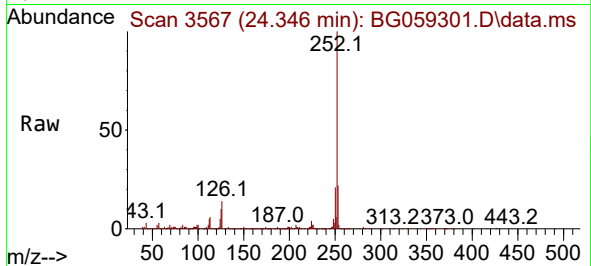




#91
Benzo(k)fluoranthene
Concen: 19.672 ng/ul
RT: 24.346 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

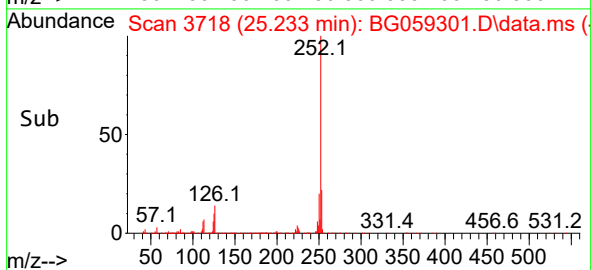
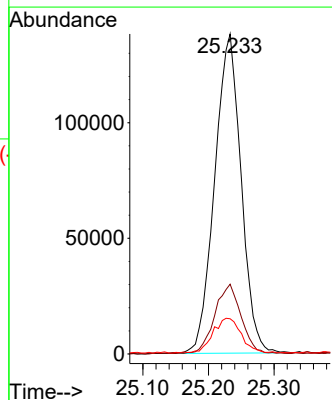
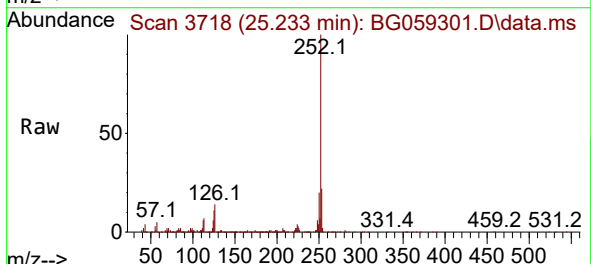
Instrument :
BNA_G
ClientSampleId :
SSTD020586

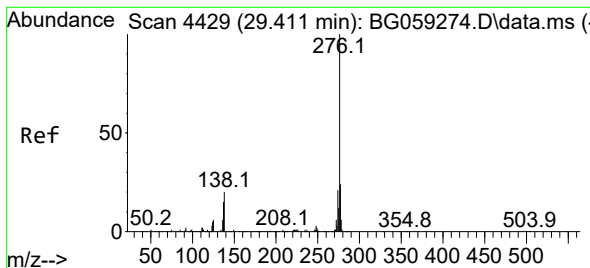
Tgt Ion:252 Resp: 403981
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.1 8.1 12.1



#93
Benzo(a)pyrene
Concen: 20.027 ng/ul
RT: 25.233 min Scan# 3718
Delta R.T. -0.008 min
Lab File: BG059301.D
Acq: 5 Oct 2023 18:05

Tgt Ion:252 Resp: 385042
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.0 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.942 ng/ul

RT: 29.410 min Scan# 4429

Delta R.T. -0.026 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

Instrument :

BNA_G

ClientSampleId :

SSTD020586

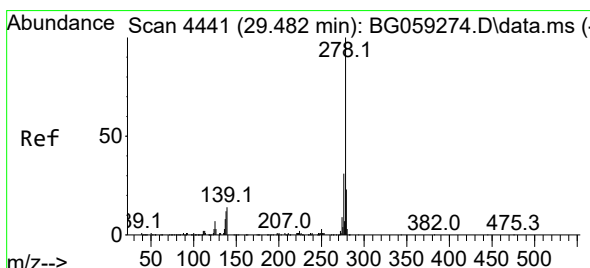
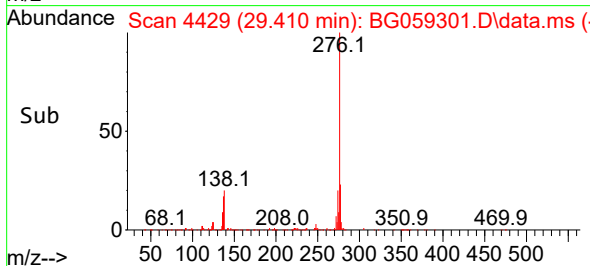
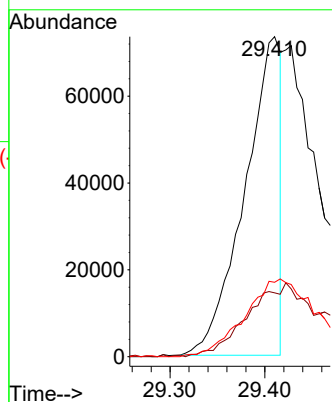
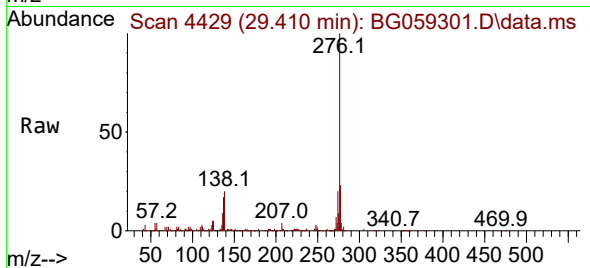
Tgt Ion:276 Resp: 194616

Ion Ratio Lower Upper

276 100

138 19.9 17.0 25.6

277 23.2 18.6 28.0



#95

Dibenzo(a,h)anthracene

Concen: 20.477 ng/ul

RT: 29.492 min Scan# 4443

Delta R.T. -0.020 min

Lab File: BG059301.D

Acq: 5 Oct 2023 18:05

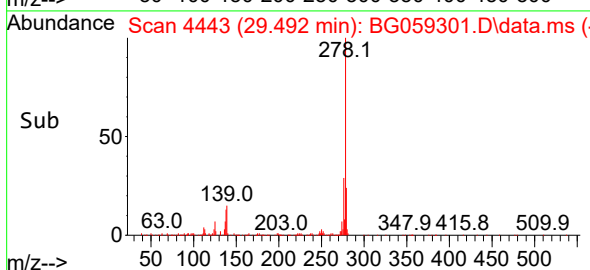
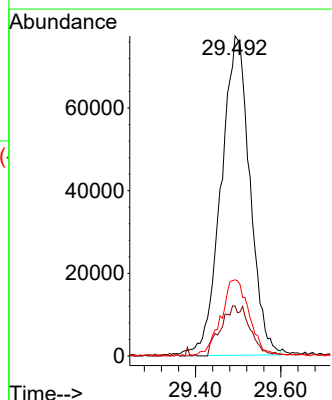
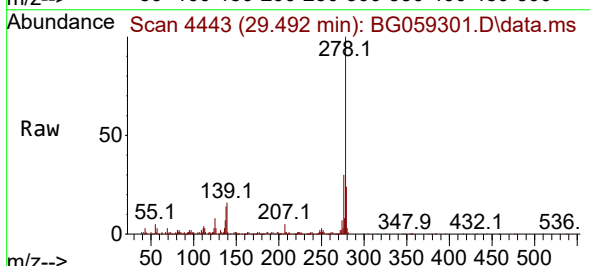
Tgt Ion:278 Resp: 362416

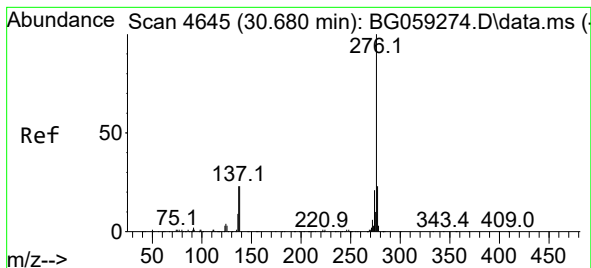
Ion Ratio Lower Upper

278 100

139 15.7 12.1 18.1

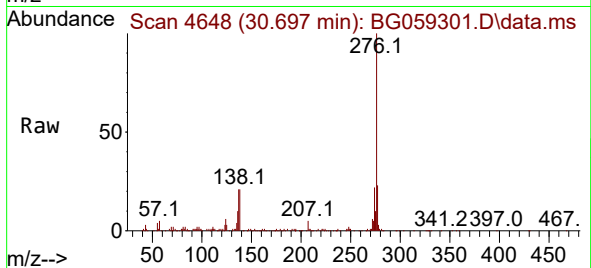
279 23.8 18.6 27.8





#96
 Benzo(g,h,i)perylene
 Concen: 19.955 ng/ul
 RT: 30.697 min Scan# 4
 Delta R.T. -0.014 min
 Lab File: BG059301.D
 Acq: 5 Oct 2023 18:05

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020586



Tgt Ion:276 Resp: 353123
 Ion Ratio Lower Upper
 276 100
 138 21.2 16.6 25.0
 277 22.8 20.0 30.0

