

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103023\
 Data File : BG059545.D
 Acq On : 30 Oct 2023 12:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020462

Quant Time: Oct 31 05:03:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	80052	20.000	ng/ul	0.00
20) Naphthalene-d8	11.210	136	372908	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.988	164	232098	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.844	188	518767	20.000	ng/ul	0.10
79) Chrysene-d12	22.080	240	383431	20.000	ng/ul	0.00
88) Perylene-d12	25.699	264	418509	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.660	96	13563	6.339	ng/uL	0.00
4) Pyridine-d5	4.095	84	101462	16.970	ng/ul	0.00
7) Phenol-d5	7.473	99	155049	18.848	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	69268	18.332	ng/ul	0.00
11) 2-Chlorophenol-d4	7.879	132	127875	19.161	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	130502	19.996	ng/ul	0.00
21) Nitrobenzene-d5	9.565	128	60820	22.938	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	62957	23.129	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.805	165	127595	21.276	ng/ul	0.00
31) 4-Chloroaniline-d4	11.351	131	202056	20.467	ng/ul	0.00
46) Dimethylphthalate-d6	14.383	166	382507	18.191	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	461458	18.700	ng/ul	0.00
54) 4-Nitrophenol-d4	15.158	143	71338	19.784	ng/ul	0.00
60) Fluorene-d10	15.981	176	325413	18.108	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.175	200	69	0.028	ng/ul	0.09
73) Anthracene-d10	17.844	188	518000	18.431	ng/ul	0.00
81) Pyrene-d10	20.111	212	527768	19.802	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.435	264	465498	18.889	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.695	88	15390	6.427	ng/uL	96
5) Pyridine	4.113	79	102938	17.454	ng/ul	92
6) Benzaldehyde	7.509	77	79728	21.518	ng/ul	94
8) Phenol	7.503	94	146567	18.899	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.773	93	101511	17.849	ng/ul	95
12) 2-Chlorophenol	7.914	128	136020	20.559	ng/ul#	84
13) 2-Methylphenol	8.778	108	124567	19.268	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.878	45	91886	17.169	ng/ul#	87
16) Acetophenone	9.207	105	195317	18.985	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.171	70	84053	17.340	ng/ul#	98
18) 4-Methylphenol	9.107	108	132399	19.248	ng/ul	95
19) Hexachloroethane	9.453	117	50111	19.070	ng/ul	95
22) Nitrobenzene	9.600	77	131880	23.043	ng/ul	91
23) Isophorone	10.111	82	254993	17.692	ng/ul#	86
25) 2-Nitrophenol	10.311	139	66422	22.689	ng/ul#	82
26) 2,4-Dimethylphenol	10.335	107	155875	20.243	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.599	93	148118	18.457	ng/ul	95
29) 2,4-Dichlorophenol	10.834	162	121665	20.969	ng/ul#	89
30) Naphthalene	11.263	128	438514	18.867	ng/ul	97
32) 4-Chloroaniline	11.375	127	182085	19.417	ng/ul#	86
33) Hexachlorobutadiene	11.492	225	65031	18.683	ng/ul	99
34) Caprolactam	12.150	113	23320	10.987	ng/ul#	79
35) 4-Chloro-3-methylphenol	12.438	107	144712	20.904	ng/ul	88
36) 2-Methylnaphthalene	12.838	142	313273	19.592	ng/ul	98

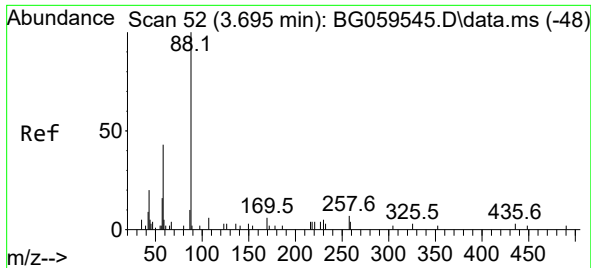
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103023\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.055	142	316337	19.862	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	13.178	216	135018	20.169	ng/ul	98
40) Hexachlorocyclopentadiene	13.137	237	67457	17.286	ng/ul	98
41) 2,4,6-Trichlorophenol	13.419	196	93710	20.216	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.419	196	90013	17.936	ng/ul	97
43) 1,1'-Biphenyl	13.831	154	414624	19.747	ng/ul	98
44) 2-Chloronaphthalene	13.883	162	310206	19.009	ng/ul	96
45) 2-Nitroaniline	14.089	65	72573	23.901	ng/ul	97
47) Dimethylphthalate	14.430	163	381333	18.356	ng/ul	97
48) 2,6-Dinitrotoluene	14.571	165	70779	22.585	ng/ul#	70
50) Acenaphthylene	14.724	152	535192	18.823	ng/ul	98
51) 3-Nitroaniline	14.912	138	88191	22.577	ng/ul#	79
52) Acenaphthene	15.053	153	327730	17.683	ng/ul	97
53) 2,4-Dinitrophenol	15.106	184	31811	17.865	ng/ul#	85
55) 4-Nitrophenol	15.176	109	86043	21.652	ng/ul	92
56) Dibenzofuran	15.388	168	446581	18.586	ng/ul	99
57) 2,4-Dinitrotoluene	15.346	165	97486	22.115	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.593	232	80236	20.371	ng/ul#	93
59) Diethylphthalate	15.781	149	409797	18.083	ng/ul	98
61) Fluorene	16.034	166	373091	17.987	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	16.016	204	163167	18.406	ng/ul	94
63) 4-Nitroaniline	16.069	138	84301	20.336	ng/ul#	92
67) N-Nitrosodiphenylamine	16.234	169	325246	18.349	ng/ul	97
68) 4-Bromophenyl-phenylether	16.915	248	86340	16.632	ng/ul	93
69) Hexachlorobenzene	17.003	284	120550	20.093	ng/ul	96
72) Phenanthrene	17.879	178	616223	18.272	ng/ul	99
74) Anthracene	17.879	178	616223	18.097	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.784	216	134994	19.541	ng/uL	96
76) Pentachlorobenzene	15.282	250	121508	18.535	ng/uL	98
77) Carbazole	18.149	167	567564	19.402	ng/ul	95
78) Di-n-butylphthalate	18.666	149	717672	17.856	ng/ul	99
80) Fluoranthene	19.777	202	648675	19.967	ng/ul	99
82) Pyrene	20.141	202	650218	19.268	ng/ul	97
83) Butylbenzylphthalate	21.010	149	304334	19.969	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.968	252	207699	20.830	ng/ul#	91
85) Benzo(a)anthracene	22.062	228	581163	18.418	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.909	149	446092	19.617	ng/ul#	96
87) Chrysene	22.133	228	540201	18.404	ng/ul	96
89) Di-n-octyl phthalate	23.261	149	738745	20.161	ng/ul	100
90) Benzo(b)fluoranthene	24.530	252	562280	18.535	ng/ul	95
91) Benzo(k)fluoranthene	24.606	252	569327	18.788	ng/ul	98
93) Benzo(a)pyrene	25.523	252	532906	18.586	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.882	276	291845	8.030	ng/ul#	87
95) Dibenzo(a,h)anthracene	29.976	278	271670	9.051	ng/ul	97
96) Benzo(g,h,i)perylene	31.198	276	212785	7.154	ng/ul#	94

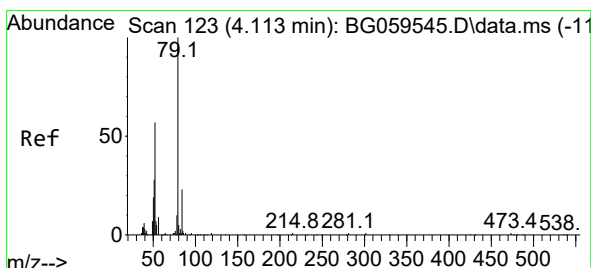
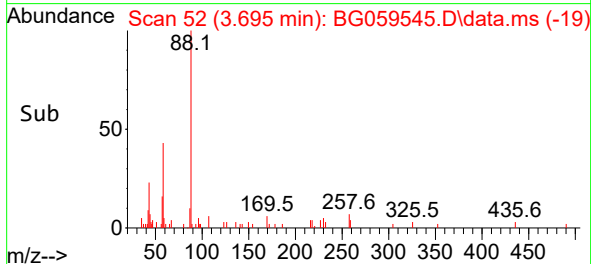
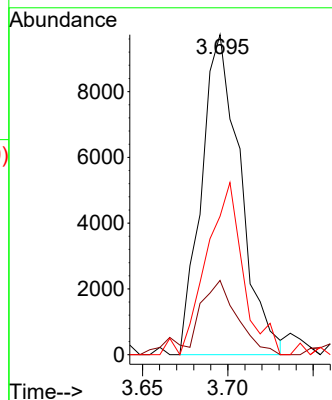
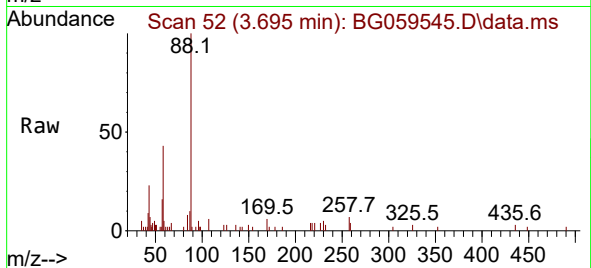
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#2
1,4-Dioxane
Concen: 6.427 ng/uL
RT: 3.695 min Scan# 51
Delta R.T. -0.007 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

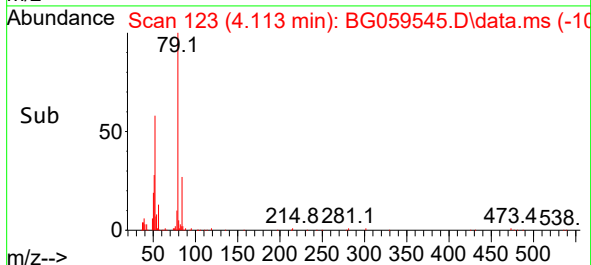
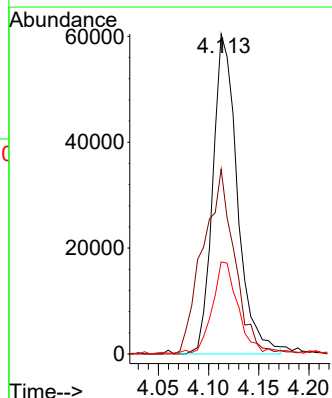
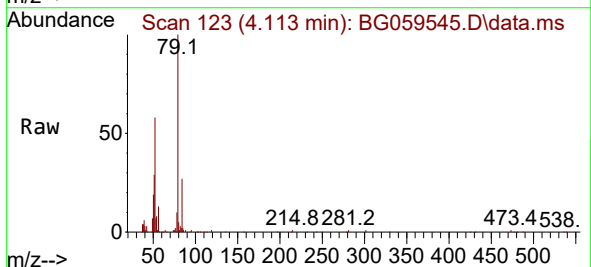
Instrument :
BNA_G
ClientSampleId :
SSTD020462

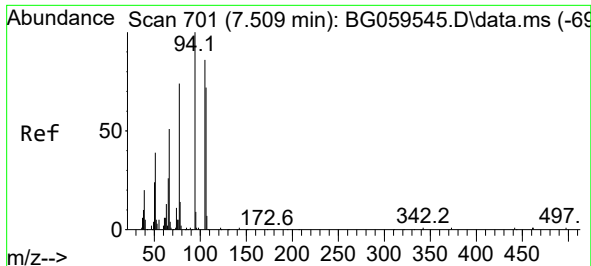
Tgt Ion: 88 Resp: 15390
Ion Ratio Lower Upper
88 100
43 23.2 15.7 23.5
58 43.2 36.2 54.2



#5
Pyridine
Concen: 17.454 ng/uL
RT: 4.113 min Scan# 123
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion: 79 Resp: 102938
Ion Ratio Lower Upper
79 100
52 57.8 53.3 79.9
51 28.8 22.4 33.6

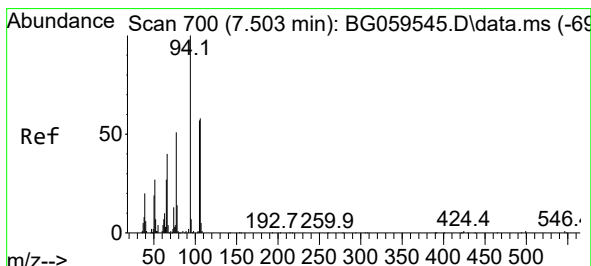
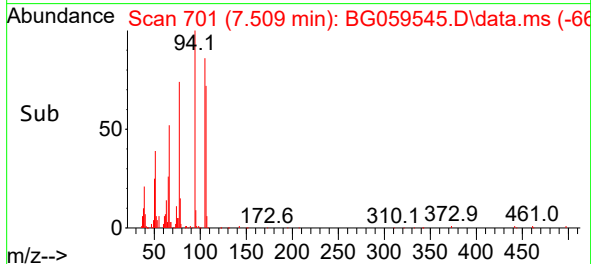
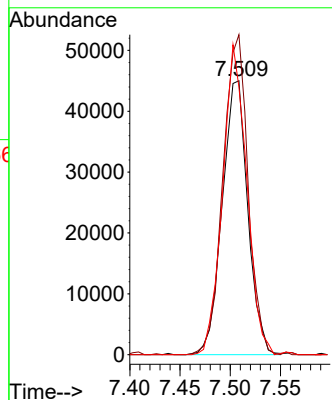
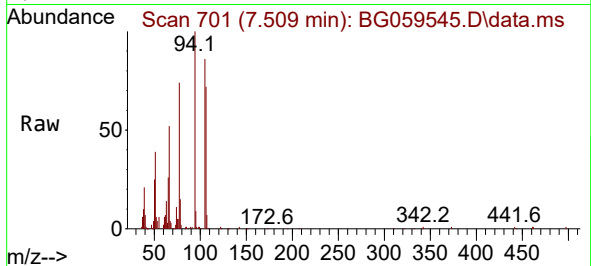




#6
Benzaldehyde
Concen: 21.518 ng/ul
RT: 7.509 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

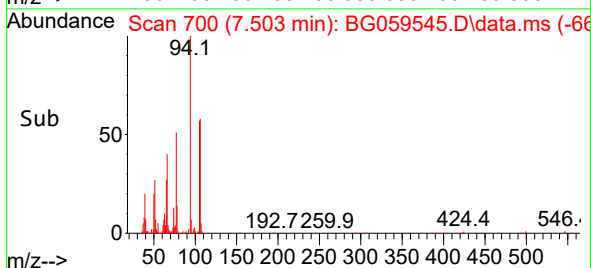
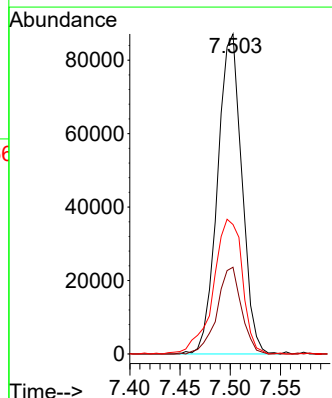
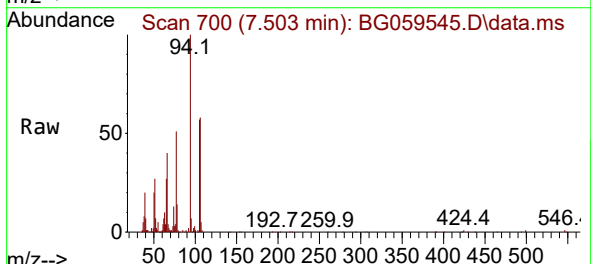
Instrument :
BNA_G
ClientSampleId :
SSTD020462

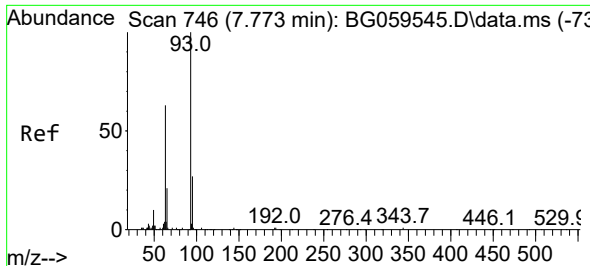
Tgt Ion: 77 Resp: 79728
Ion Ratio Lower Upper
77 100
105 116.8 83.6 125.4
106 97.7 78.6 118.0



#8
Phenol
Concen: 18.899 ng/ul
RT: 7.503 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion: 94 Resp: 146567
Ion Ratio Lower Upper
94 100
65 27.1 22.5 33.7
66 40.5 31.1 46.7



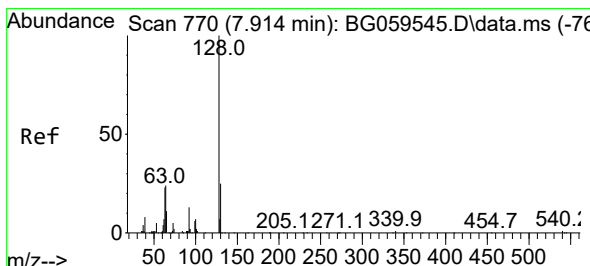
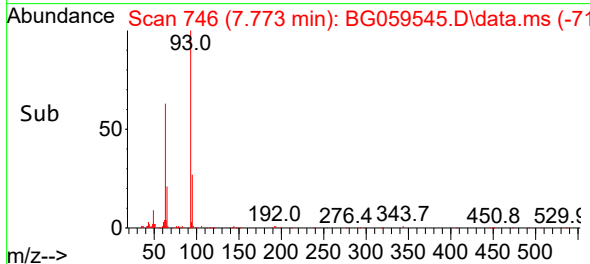
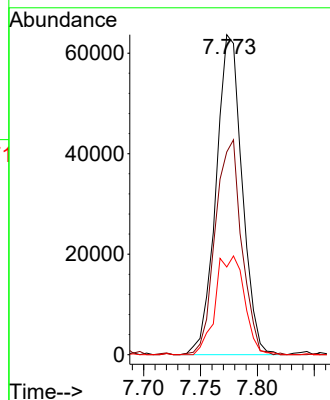
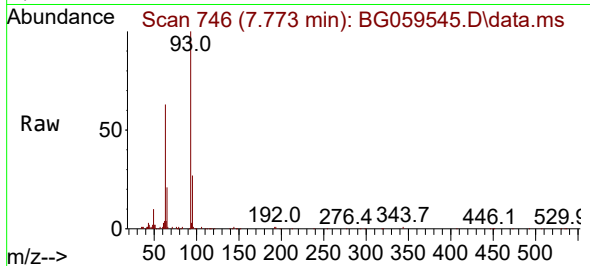


#10
 Bis(2-Chloroethyl)ether
 Concen: 17.849 ng/ul
 RT: 7.773 min Scan# 746
 Delta R.T. -0.007 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020462

Tgt Ion: 93 Resp: 101511

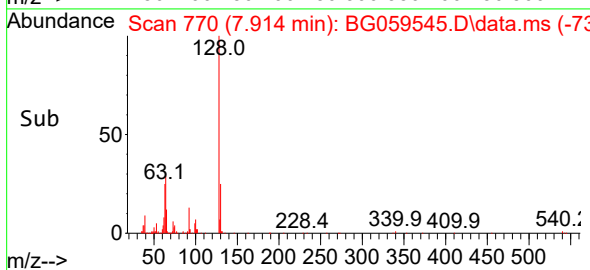
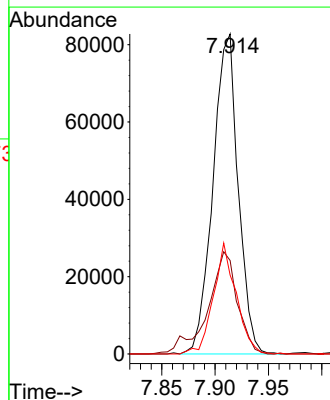
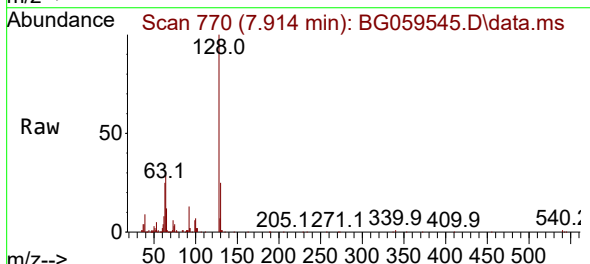
Ion	Ratio	Lower	Upper
93	100		
63	63.4	52.5	78.7
95	27.4	26.5	39.7

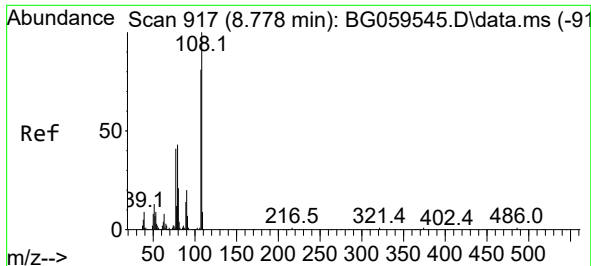


#12
 2-Chlorophenol
 Concen: 20.559 ng/ul
 RT: 7.914 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

Tgt Ion:128 Resp: 136020

Ion	Ratio	Lower	Upper
128	100		
64	29.2	30.2	45.2#
130	24.7	27.9	41.9#





#13

2-Methylphenol

Concen: 19.268 ng/ul

RT: 8.778 min Scan# 917

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

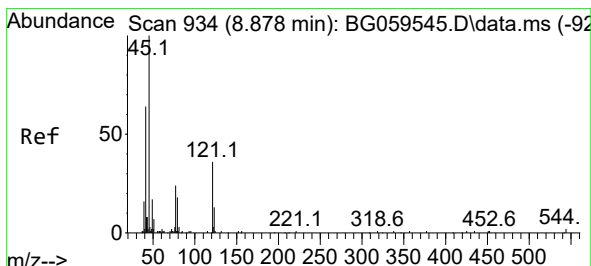
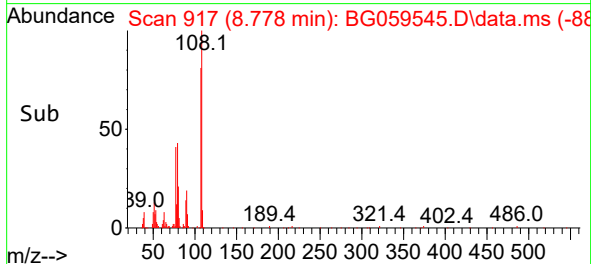
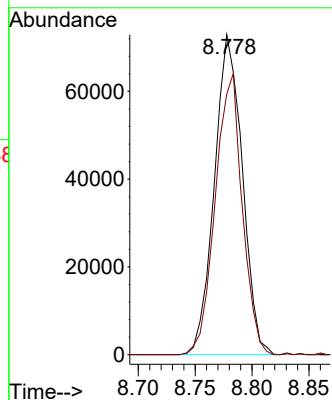
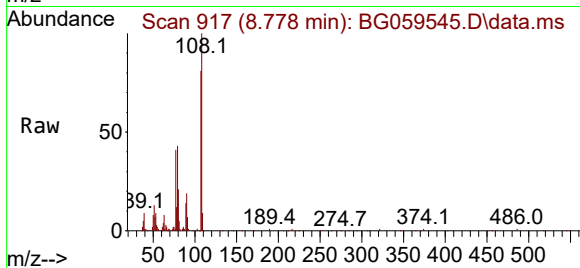
SSTD020462

Tgt Ion:108 Resp: 124567

Ion Ratio Lower Upper

108 100

107 81.4 68.6 102.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.169 ng/ul

RT: 8.878 min Scan# 934

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

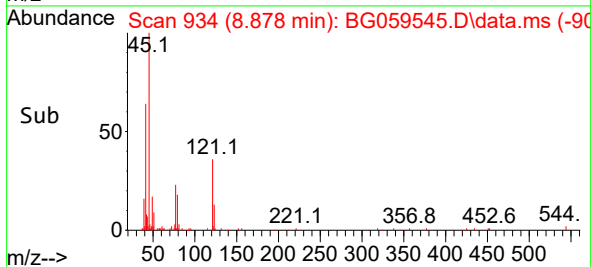
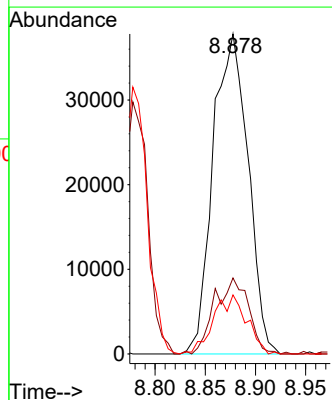
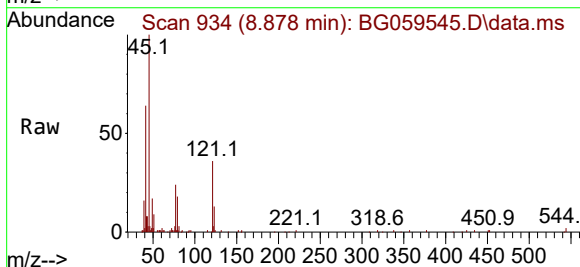
Tgt Ion: 45 Resp: 91886

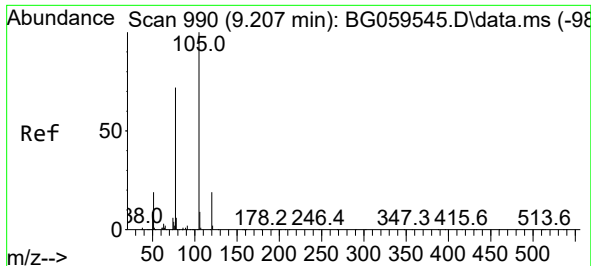
Ion Ratio Lower Upper

45 100

77 23.8 15.0 22.6#

79 18.5 10.0 15.0#

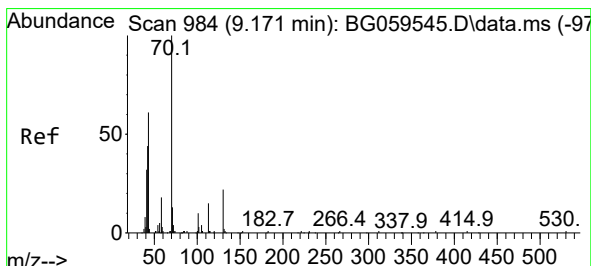
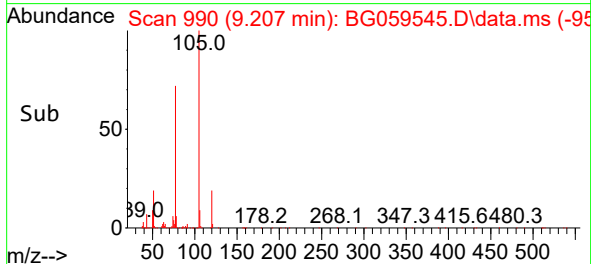
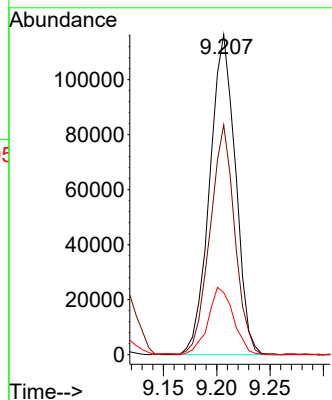
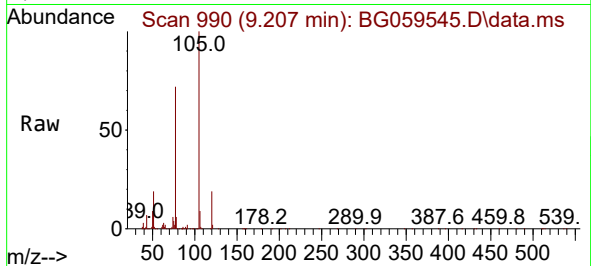




#16
Acetophenone
Concen: 18.985 ng/ul
RT: 9.207 min Scan# 990
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

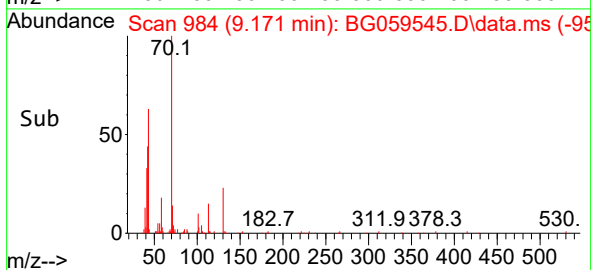
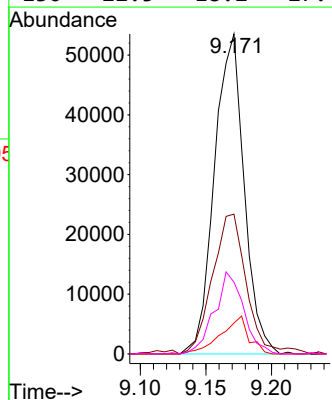
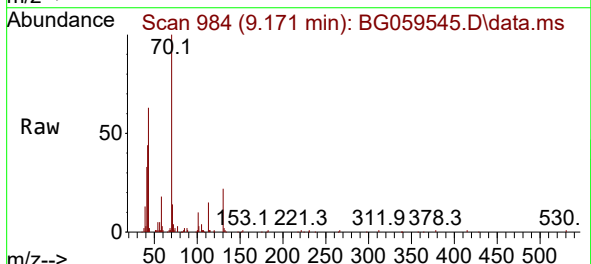
Instrument :
BNA_G
ClientSampleId :
SSTD020462

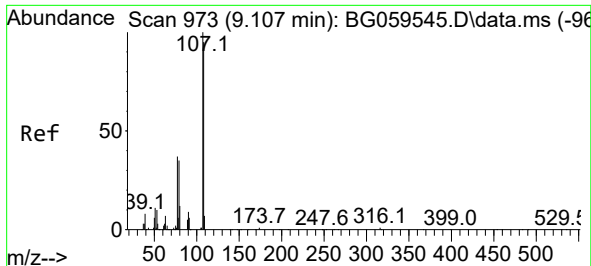
Tgt Ion:105 Resp: 195317
Ion Ratio Lower Upper
105 100
77 71.8 59.6 89.4
51 19.4 16.2 24.4



#17
N-Nitroso-di-n-propylamine
Concen: 17.340 ng/ul
RT: 9.171 min Scan# 984
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion: 70 Resp: 84053
Ion Ratio Lower Upper
70 100
42 43.7 33.8 50.8
101 9.7 5.4 8.0#
130 22.5 18.2 27.4

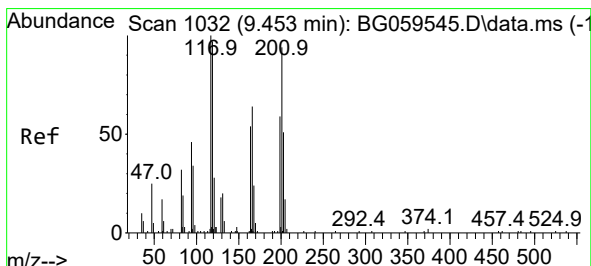
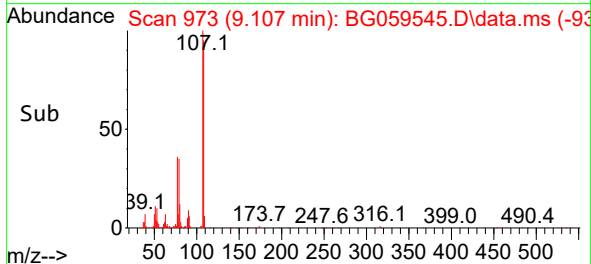
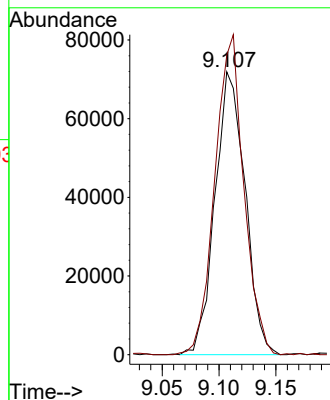
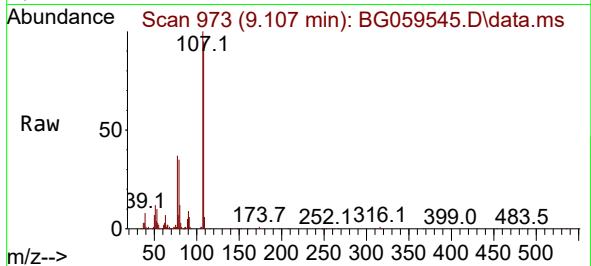




#18
4-Methylphenol
Concen: 19.248 ng/ul
RT: 9.107 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

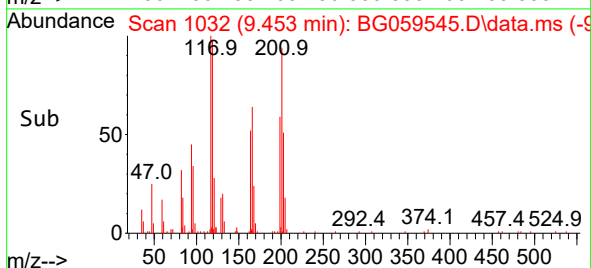
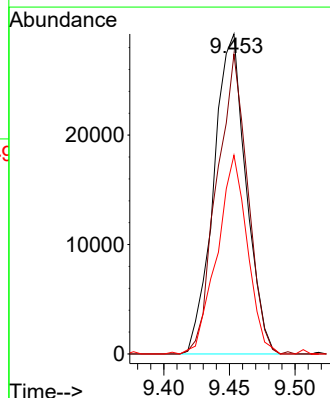
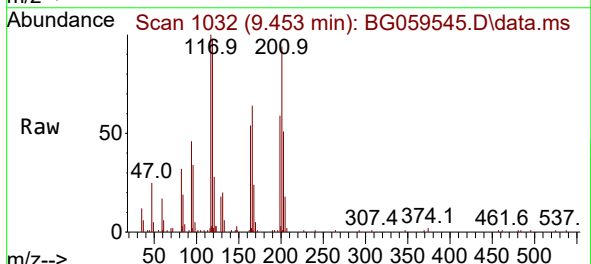
Instrument :
BNA_G
ClientSampleId :
SSTD020462

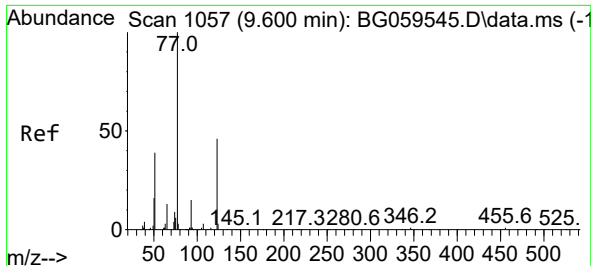
Tgt Ion:108 Resp: 132399
Ion Ratio Lower Upper
108 100
107 105.8 88.9 133.3



#19
Hexachloroethane
Concen: 19.070 ng/ul
RT: 9.453 min Scan# 1032
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:117 Resp: 50111
Ion Ratio Lower Upper
117 100
201 93.7 75.8 113.6
199 62.1 42.3 63.5

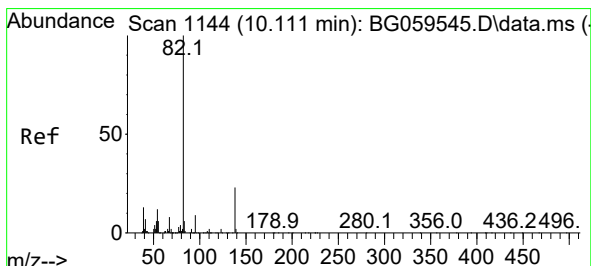
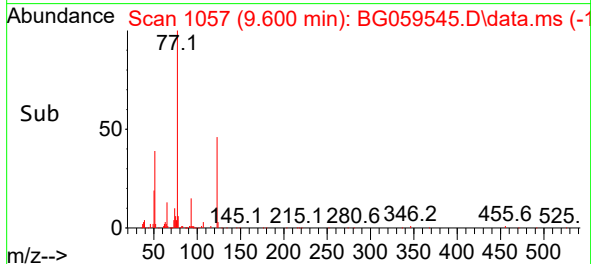
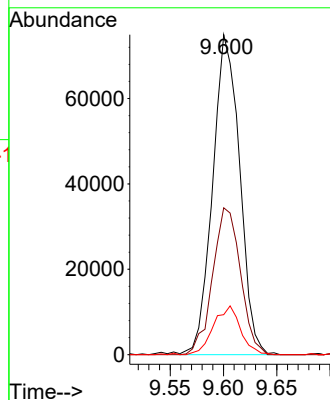
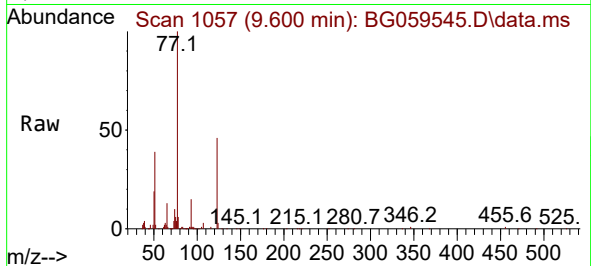




#22
Nitrobenzene
Concen: 23.043 ng/ul
RT: 9.600 min Scan# 1057
Delta R.T. -0.007 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

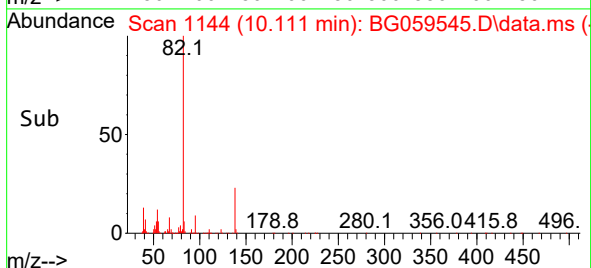
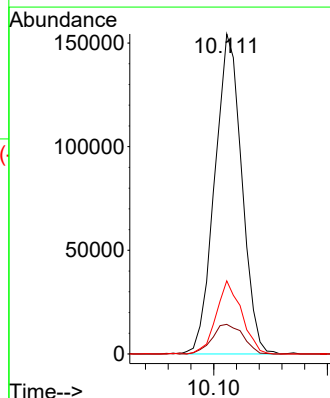
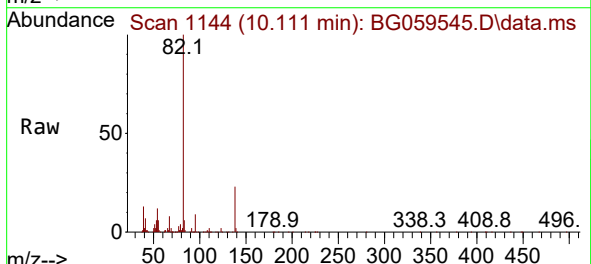
Instrument :
BNA_G
ClientSampleId :
SSTD020462

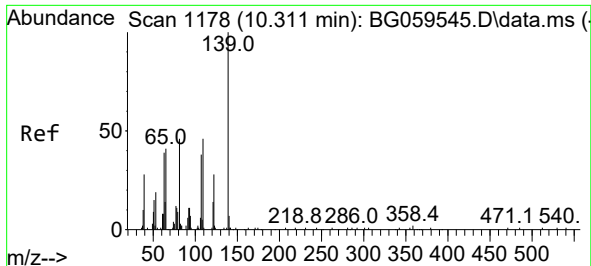
Tgt Ion: 77 Resp: 131880
Ion Ratio Lower Upper
77 100
123 45.9 42.6 63.8
65 12.5 11.0 16.4



#23
Isophorone
Concen: 17.692 ng/ul
RT: 10.111 min Scan# 1144
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion: 82 Resp: 254993
Ion Ratio Lower Upper
82 100
95 9.3 5.6 8.4#
138 22.9 12.3 18.5#

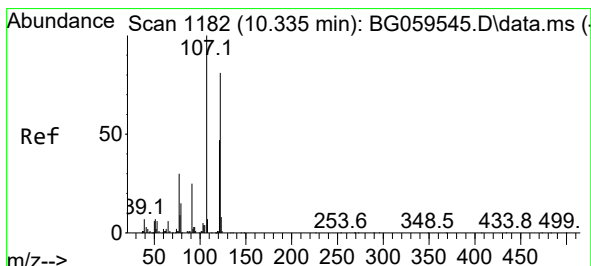
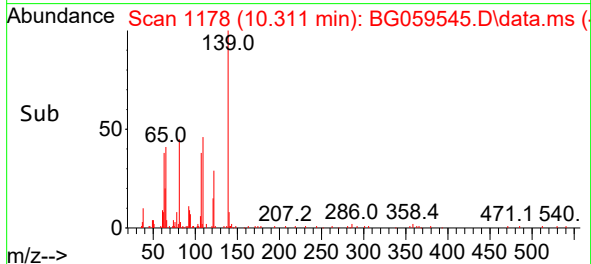
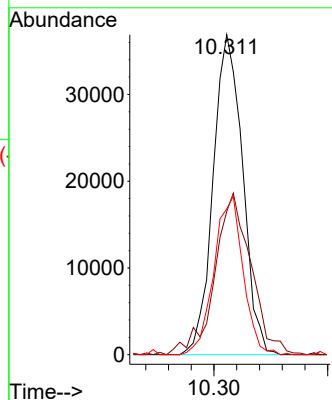
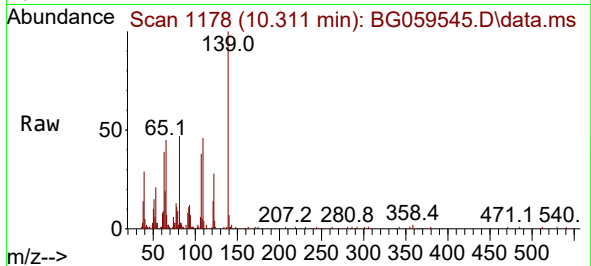




#25
2-Nitrophenol
Concen: 22.689 ng/ul
RT: 10.311 min Scan# 1178
Delta R.T. -0.007 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

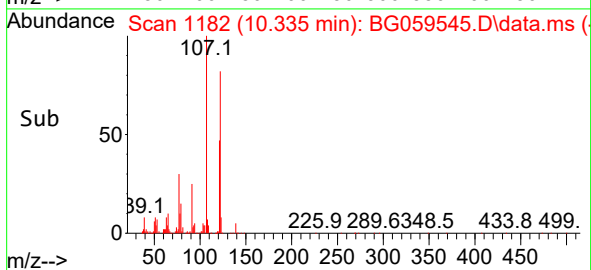
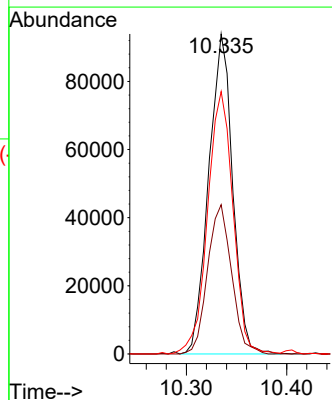
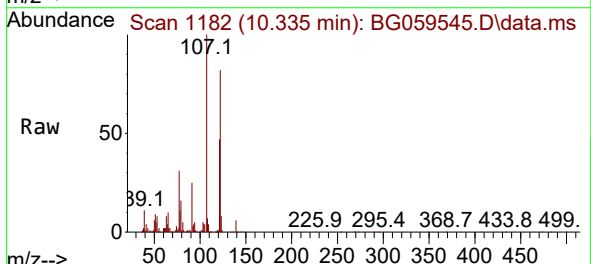
Instrument :
BNA_G
ClientSampleId :
SSTD020462

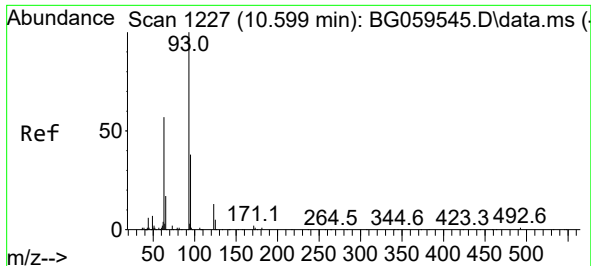
Tgt Ion:139 Resp: 66422
Ion Ratio Lower Upper
139 100
65 44.7 39.7 59.5
109 45.6 21.0 31.6#



#26
2,4-Dimethylphenol
Concen: 20.243 ng/ul
RT: 10.335 min Scan# 1182
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:107 Resp: 155875
Ion Ratio Lower Upper
107 100
121 46.6 42.7 64.1
122 82.0 72.6 108.8

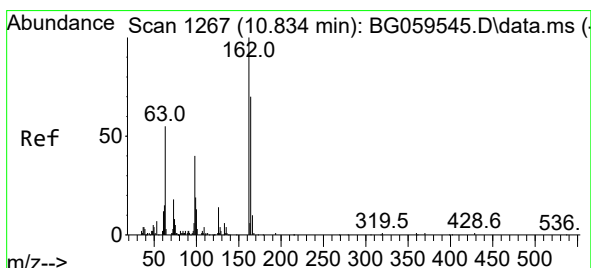
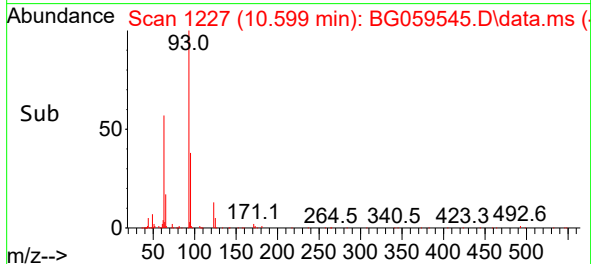
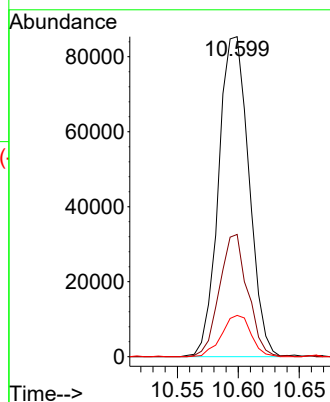
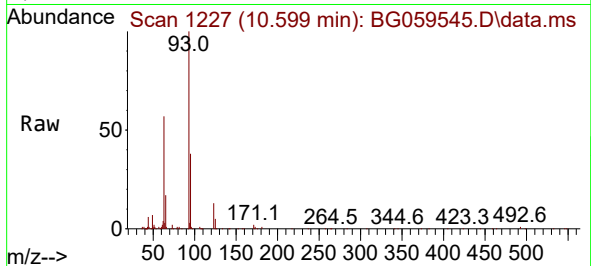




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.457 ng/ul
 RT: 10.599 min Scan# 1227
 Delta R.T. -0.001 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

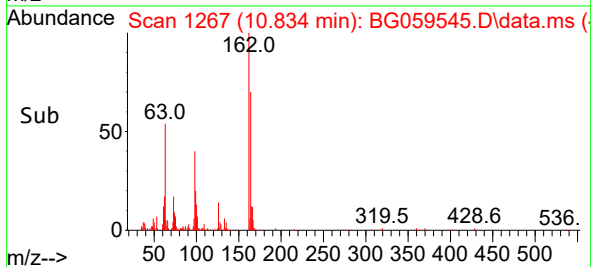
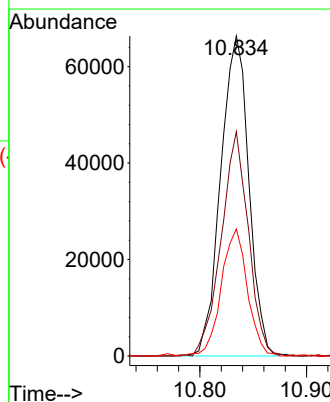
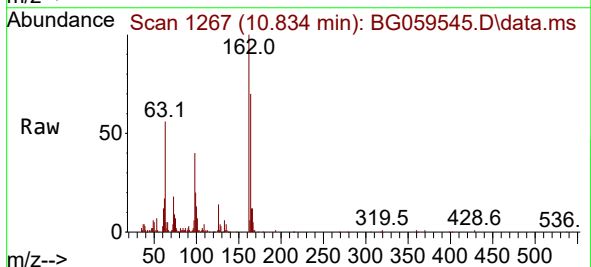
Instrument :
 BNA_G
 ClientSampleId :
 SST020462

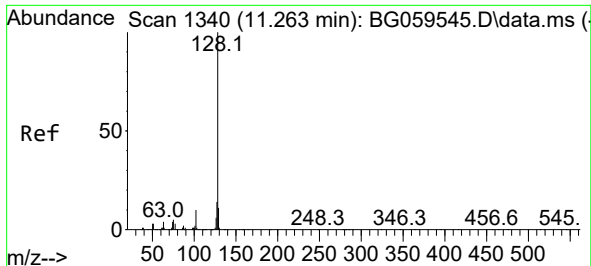
Tgt Ion: 93 Resp: 148118
 Ion Ratio Lower Upper
 93 100
 95 38.2 27.1 40.7
 123 12.9 10.3 15.5



#29
 2,4-Dichlorophenol
 Concen: 20.969 ng/ul
 RT: 10.834 min Scan# 1267
 Delta R.T. 0.005 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

Tgt Ion:162 Resp: 121665
 Ion Ratio Lower Upper
 162 100
 164 70.1 45.3 67.9#
 98 39.7 32.2 48.4

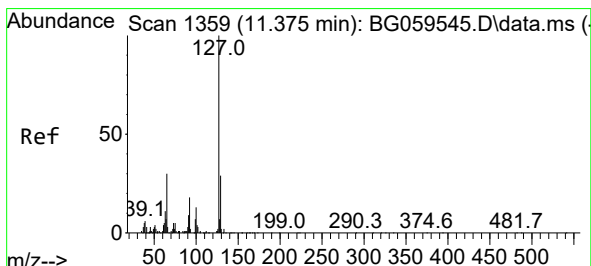
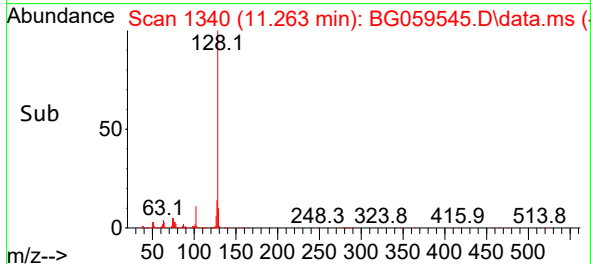
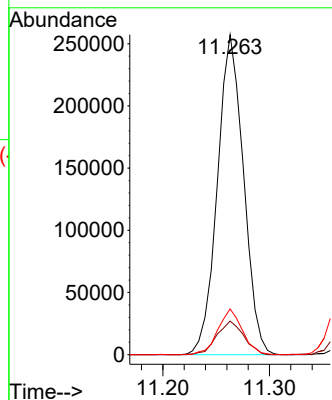
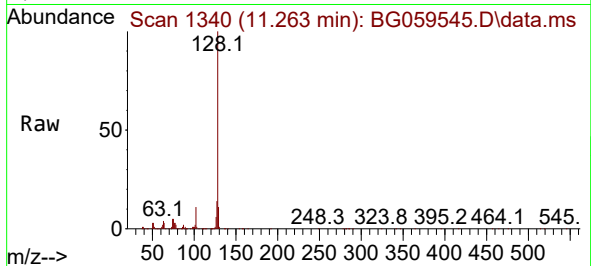




#30
Naphthalene
Concen: 18.867 ng/ul
RT: 11.263 min Scan# 1340
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

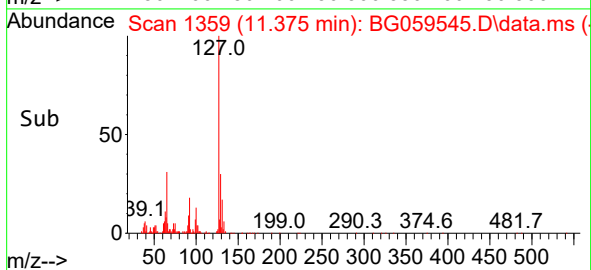
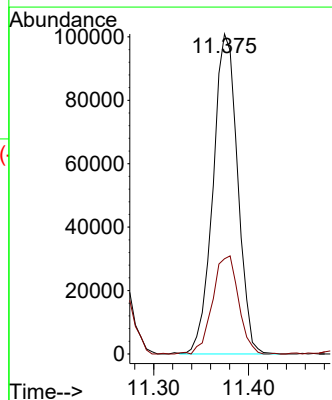
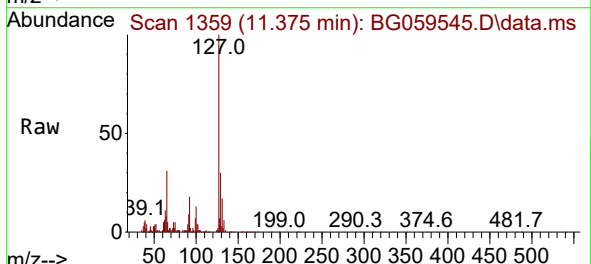
Instrument :
BNA_G
ClientSampleId :
SSTD020462

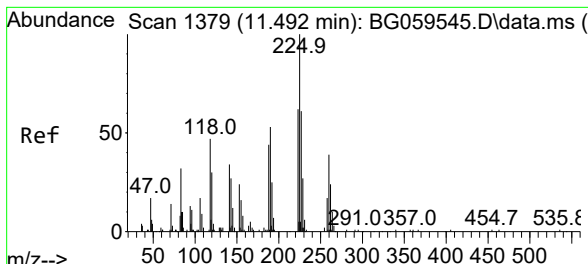
Tgt Ion:128 Resp: 438514
Ion Ratio Lower Upper
128 100
129 10.5 7.4 11.0
127 14.3 10.5 15.7



#32
4-Chloroaniline
Concen: 19.417 ng/ul
RT: 11.375 min Scan# 1359
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:127 Resp: 182085
Ion Ratio Lower Upper
127 100
129 29.7 30.4 45.6#

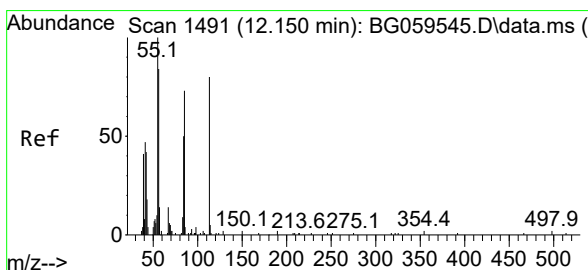
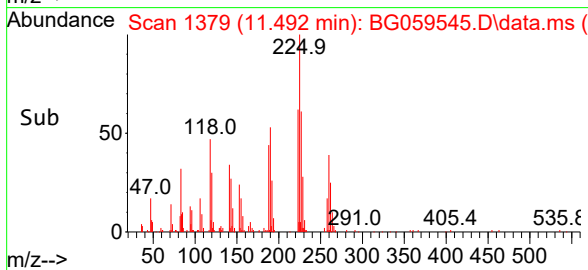
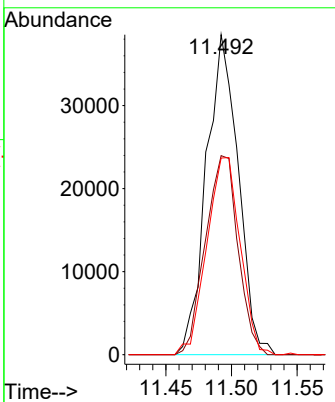
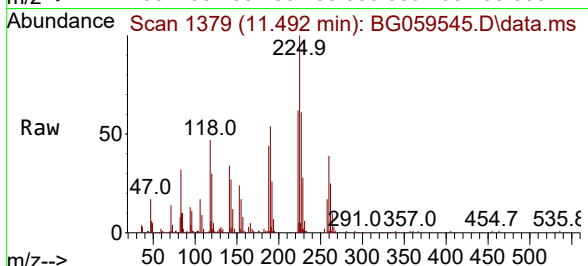




#33
Hexachlorobutadiene
Concen: 18.683 ng/ul
RT: 11.492 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

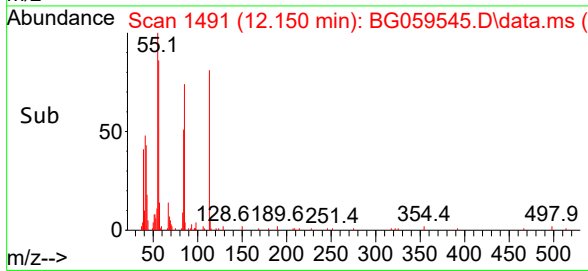
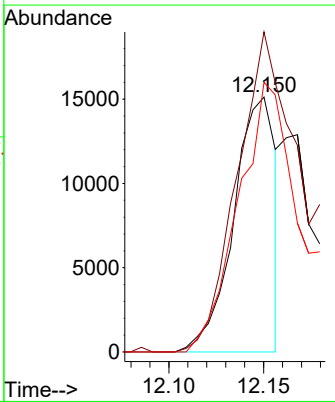
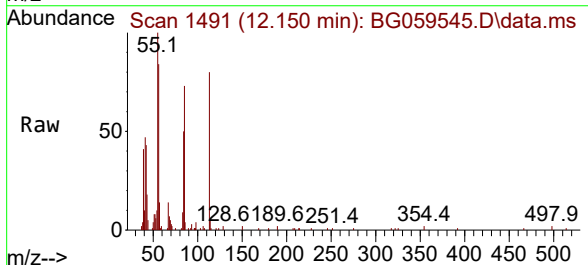
Instrument :
BNA_G
ClientSampleId :
SSTD020462

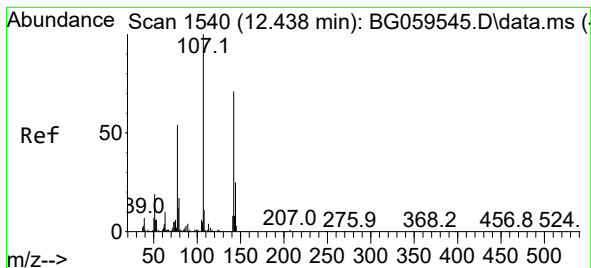
Tgt Ion:	225	Resp:	65031
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.8	76.2
227	61.5	49.8	74.8



#34
Caprolactam
Concen: 10.987 ng/ul
RT: 12.150 min Scan# 1491
Delta R.T. -0.007 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:	113	Resp:	23320
Ion Ratio	Lower	Upper	
113	100		
55	125.5	86.9	130.3
56	105.8	64.4	96.6

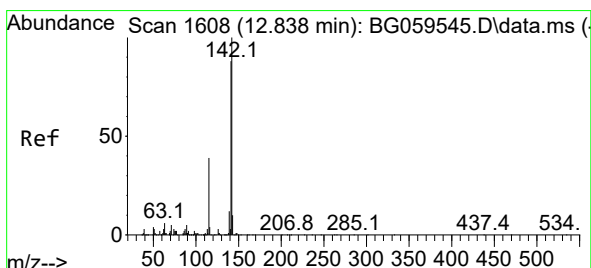
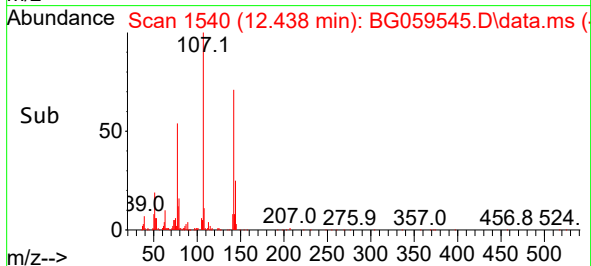
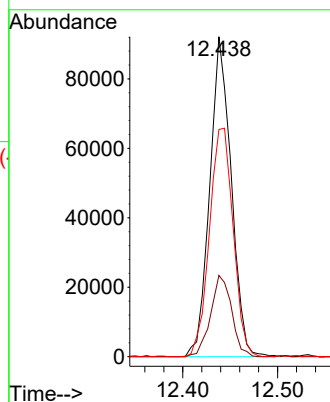
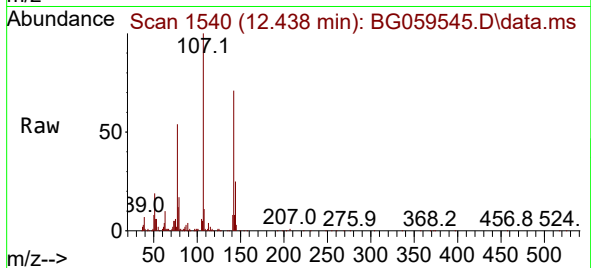




#35
 4-Chloro-3-methylphenol
 Concen: 20.904 ng/ul
 RT: 12.438 min Scan# 1540
 Delta R.T. -0.001 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

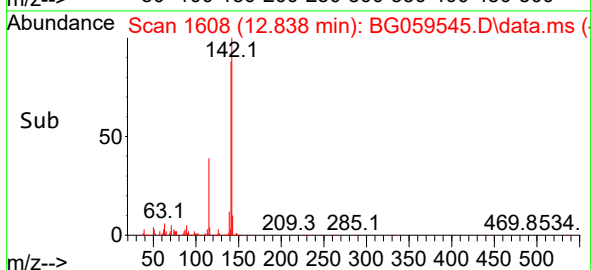
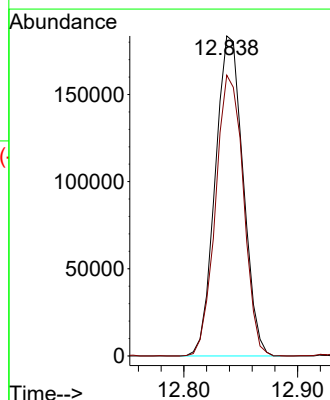
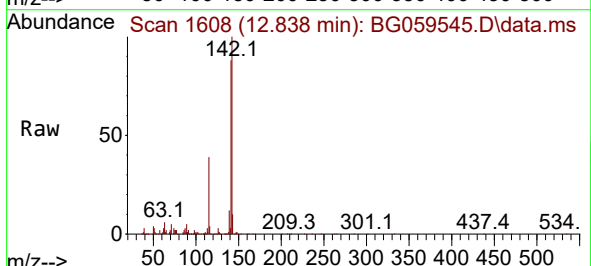
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020462

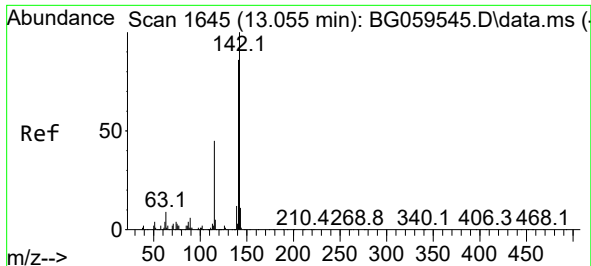
Tgt Ion:107 Resp: 144712
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.0 31.6
 142 71.0 68.2 102.4



#36
 2-Methylnaphthalene
 Concen: 19.592 ng/ul
 RT: 12.838 min Scan# 1608
 Delta R.T. -0.007 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

Tgt Ion:142 Resp: 313273
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.7 107.5





#37

1-Methylnaphthalene

Concen: 19.862 ng/ul

RT: 13.055 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

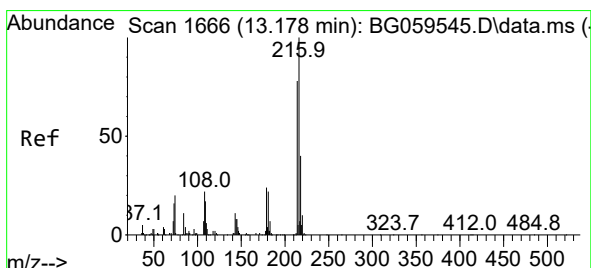
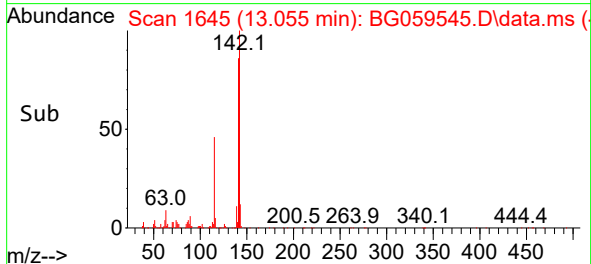
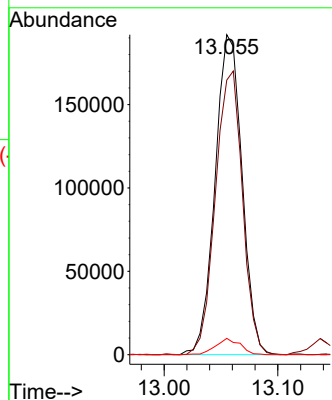
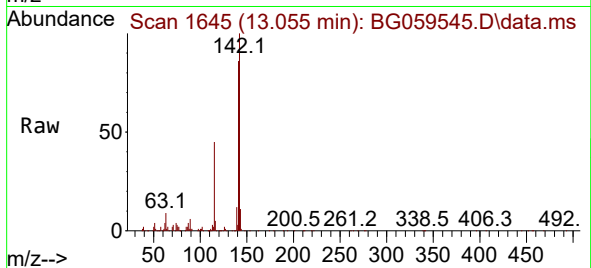
Tgt Ion:142 Resp: 316337

Ion Ratio Lower Upper

142 100

141 85.8 73.1 109.7

116 5.1 3.3 4.9#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.169 ng/ul

RT: 13.178 min Scan# 1666

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Tgt Ion:216 Resp: 135018

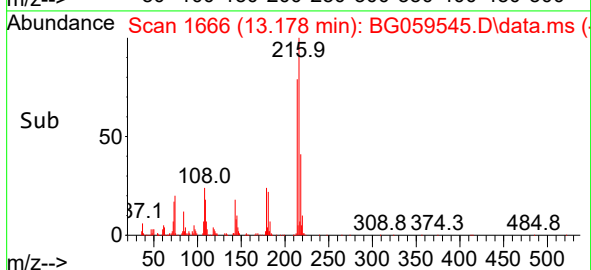
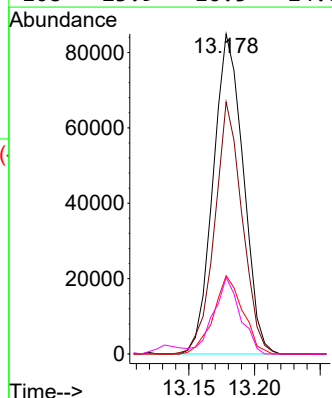
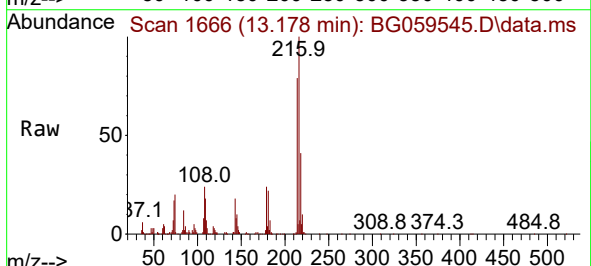
Ion Ratio Lower Upper

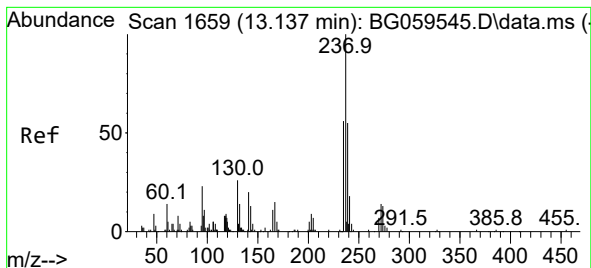
216 100

214 78.8 63.7 95.5

179 24.5 19.2 28.8

108 23.9 16.5 24.7





#40

Hexachlorocyclopentadiene

Concen: 17.286 ng/ul

RT: 13.137 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

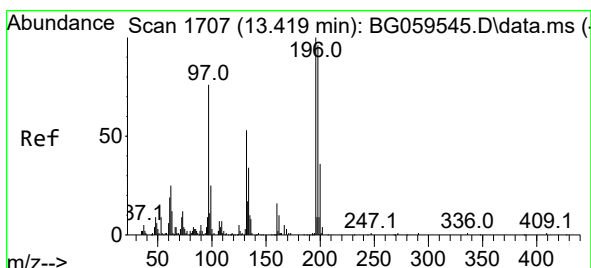
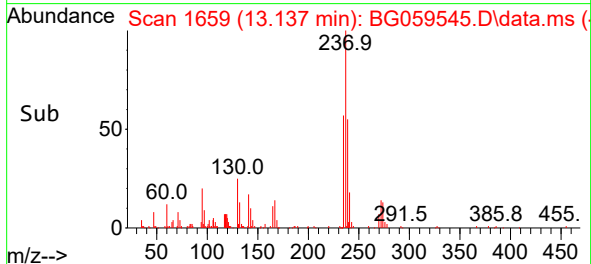
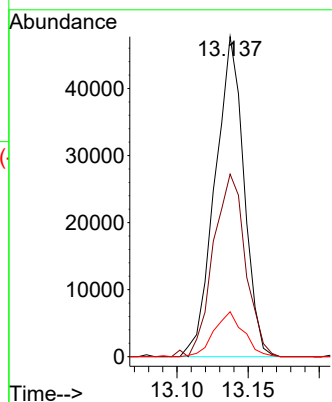
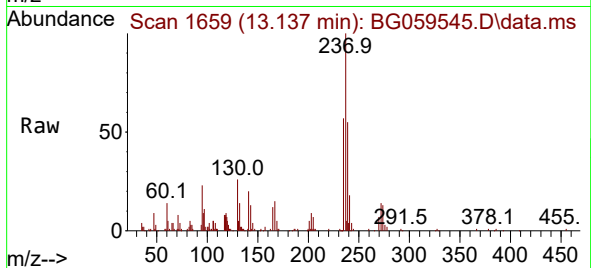
Tgt Ion:237 Resp: 67457

Ion Ratio Lower Upper

237 100

235 57.0 46.6 69.8

272 14.1 13.0 19.4



#41

2,4,6-Trichlorophenol

Concen: 20.216 ng/ul

RT: 13.419 min Scan# 1707

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

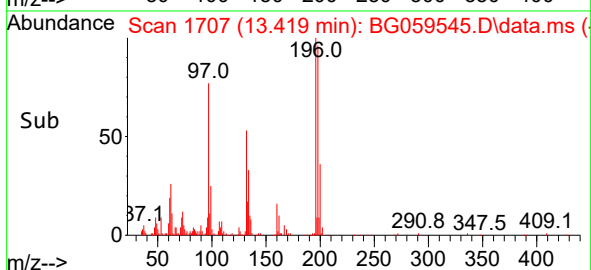
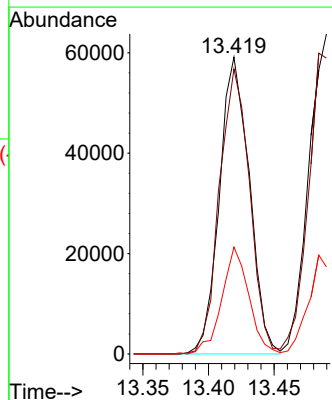
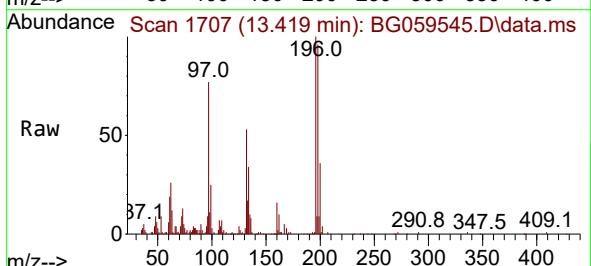
Tgt Ion:196 Resp: 93710

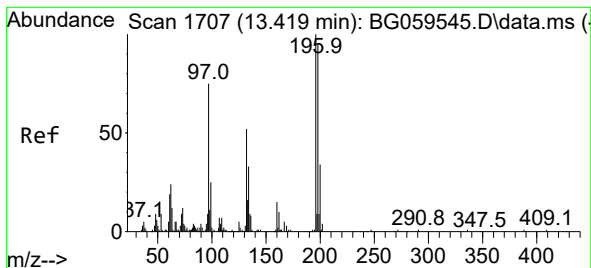
Ion Ratio Lower Upper

196 100

198 96.0 69.6 104.4

200 36.0 23.8 35.8#

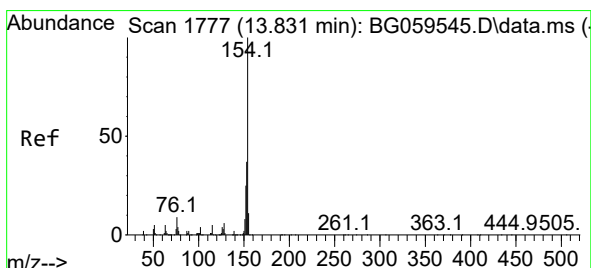
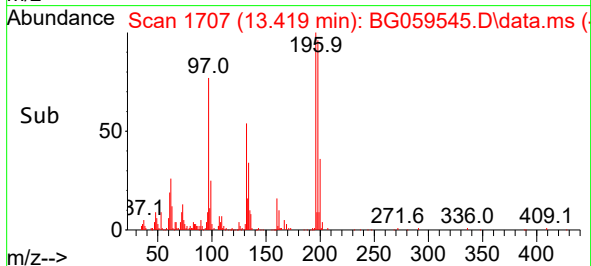
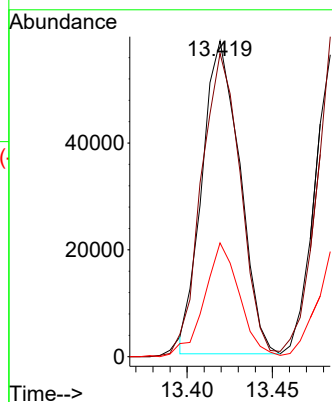
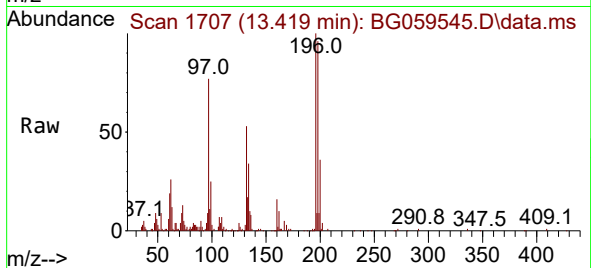




#42
 2,4,5-Trichlorophenol
 Concen: 17.936 ng/ul
 RT: 13.419 min Scan# 1707
 Delta R.T. -0.065 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

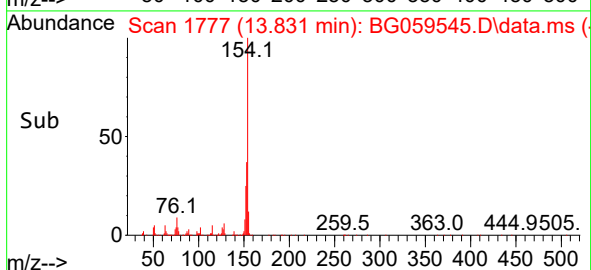
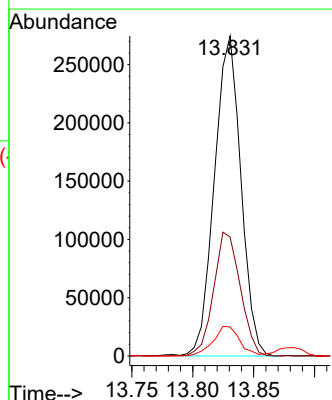
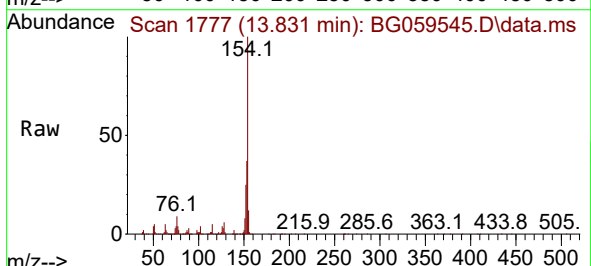
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020462

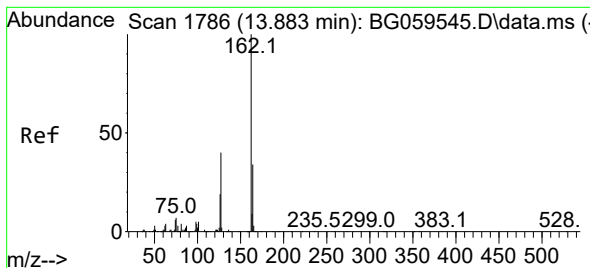
Tgt Ion:196 Resp: 90013
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.8 119.6
 200 36.0 28.0 42.0



#43
 1,1'-Biphenyl
 Concen: 19.747 ng/ul
 RT: 13.831 min Scan# 1777
 Delta R.T. -0.001 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

Tgt Ion:154 Resp: 414624
 Ion Ratio Lower Upper
 154 100
 153 37.2 30.7 46.1
 76 9.1 8.2 12.4





#44

2-Chloronaphthalene

Concen: 19.009 ng/ul

RT: 13.883 min Scan# 1786

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

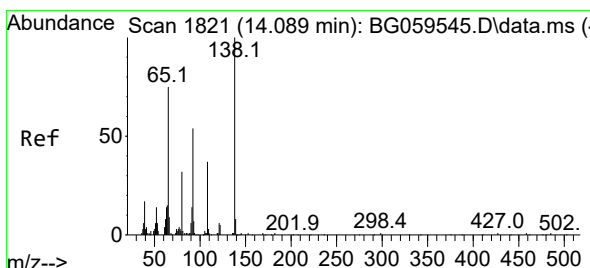
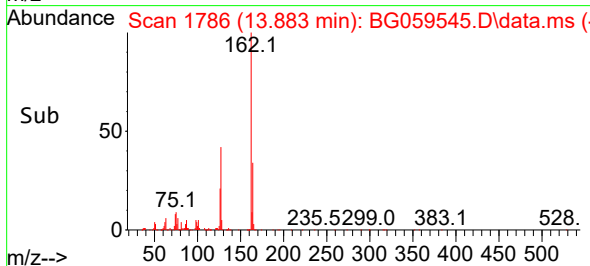
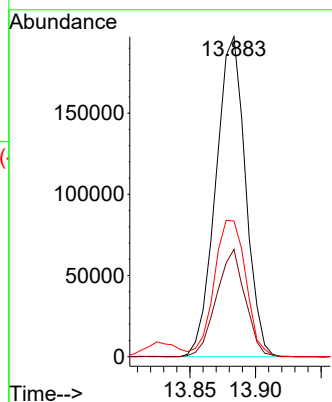
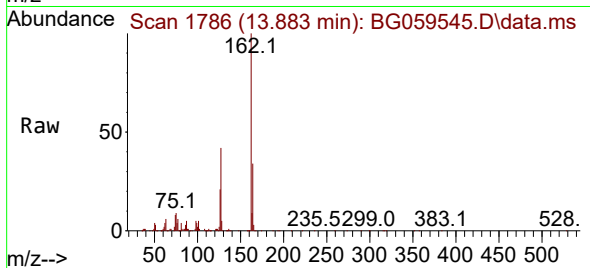
Tgt Ion:162 Resp: 310206

Ion Ratio Lower Upper

162 100

164 33.5 23.9 35.9

127 42.4 35.3 52.9



#45

2-Nitroaniline

Concen: 23.901 ng/ul

RT: 14.089 min Scan# 1821

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

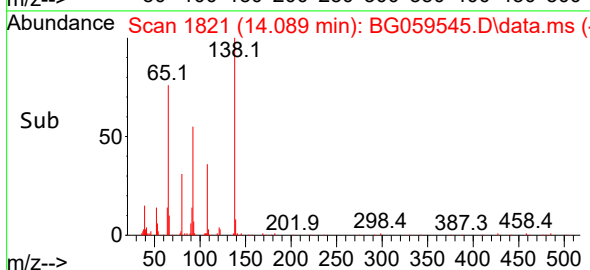
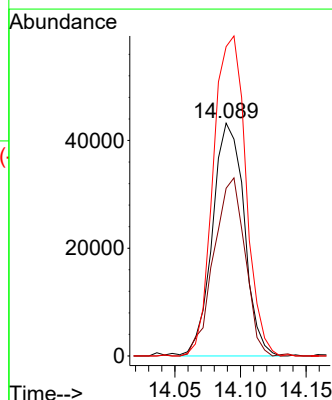
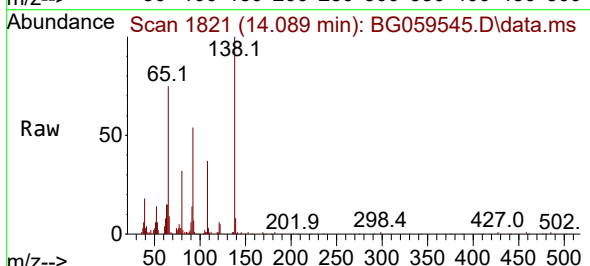
Tgt Ion: 65 Resp: 72573

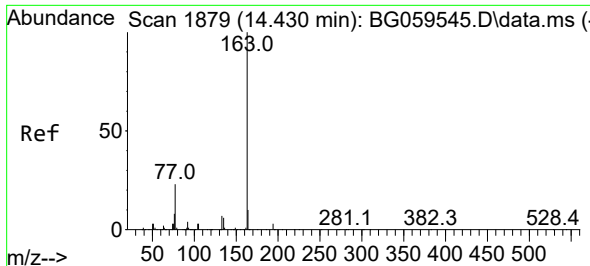
Ion Ratio Lower Upper

65 100

92 72.1 59.6 89.4

138 132.9 109.0 163.6

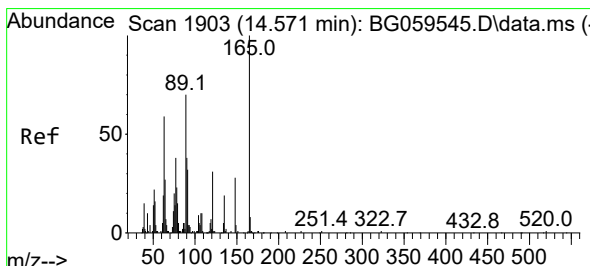
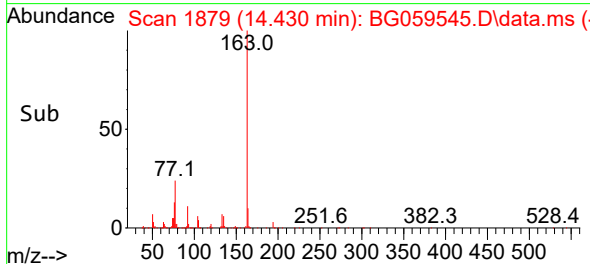
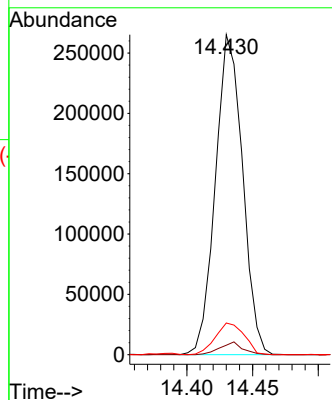
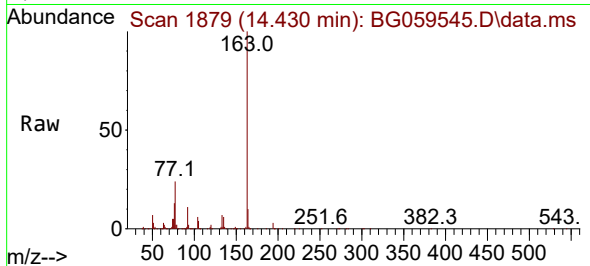




#47
Dimethylphthalate
Concen: 18.356 ng/ul
RT: 14.430 min Scan# 1879
Delta R.T. -0.007 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

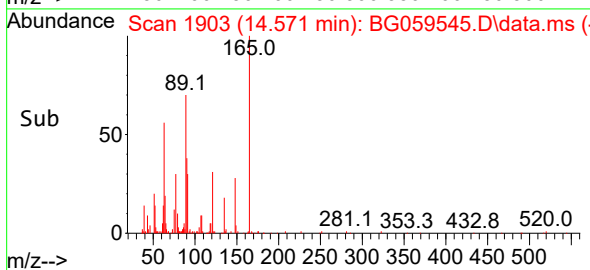
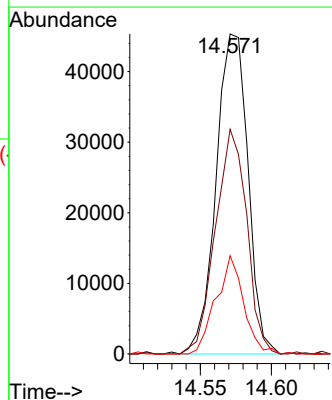
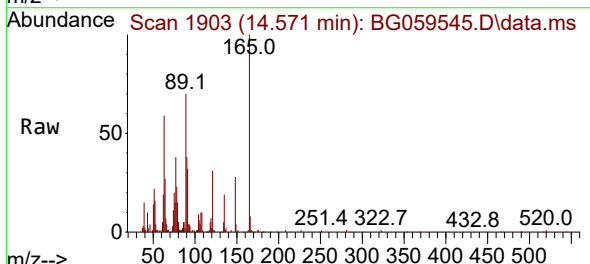
Instrument :
BNA_G
ClientSampleId :
SSTD020462

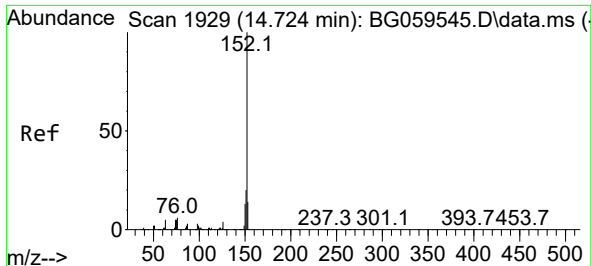
Tgt Ion:163 Resp: 381333
Ion Ratio Lower Upper
163 100
194 2.9 2.6 3.8
164 9.9 6.6 10.0



#48
2,6-Dinitrotoluene
Concen: 22.585 ng/ul
RT: 14.571 min Scan# 1903
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:165 Resp: 70779
Ion Ratio Lower Upper
165 100
89 70.2 41.0 61.4#
121 31.9 12.3 18.5#

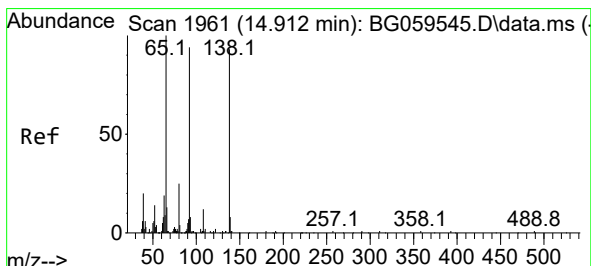
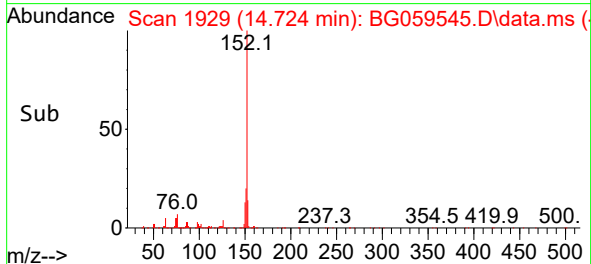
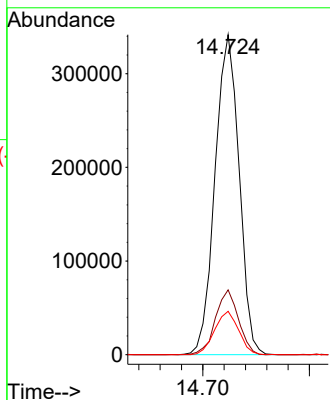
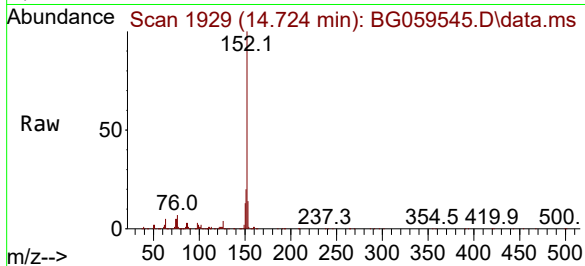




#50
Acenaphthylene
Concen: 18.823 ng/ul
RT: 14.724 min Scan# 1929
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

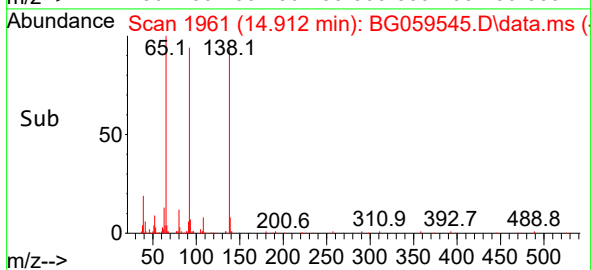
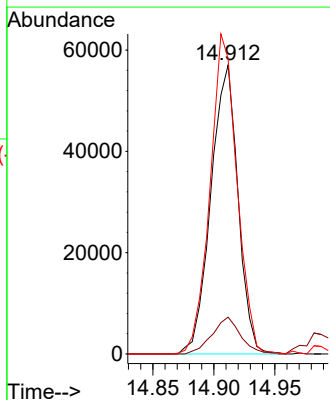
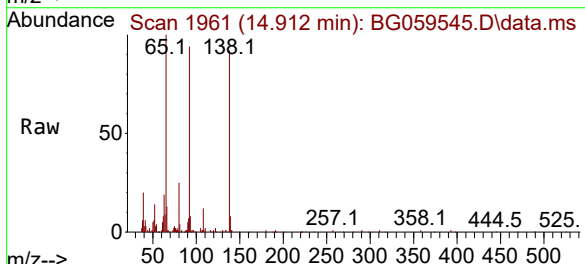
Instrument :
BNA_G
ClientSampleId :
SSTD020462

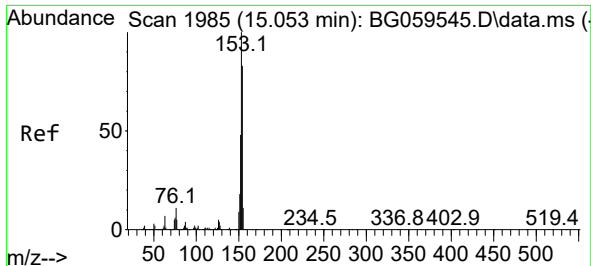
Tgt Ion:152 Resp: 535192
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0
153 13.6 9.4 14.2



#51
3-Nitroaniline
Concen: 22.577 ng/ul
RT: 14.912 min Scan# 1961
Delta R.T. 0.005 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:138 Resp: 88191
Ion Ratio Lower Upper
138 100
108 12.8 17.1 25.7#
92 102.2 101.8 152.8

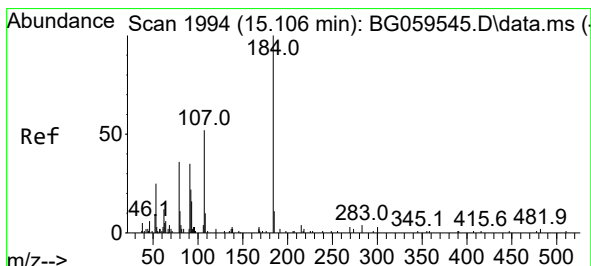
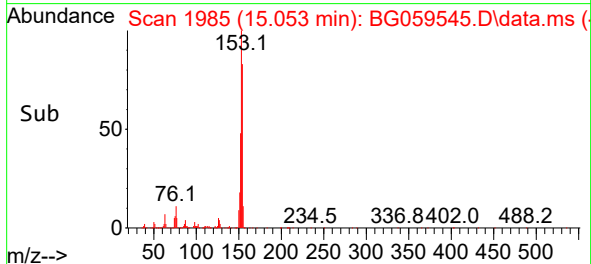
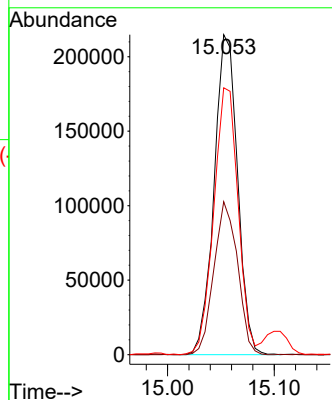
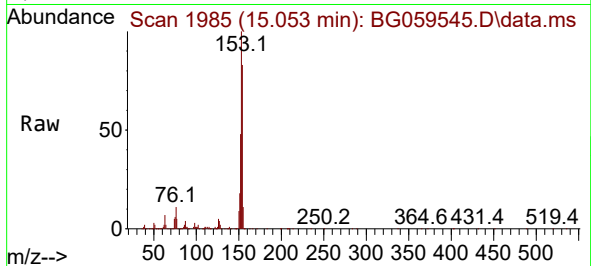




#52
Acenaphthene
Concen: 17.683 ng/ul
RT: 15.053 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

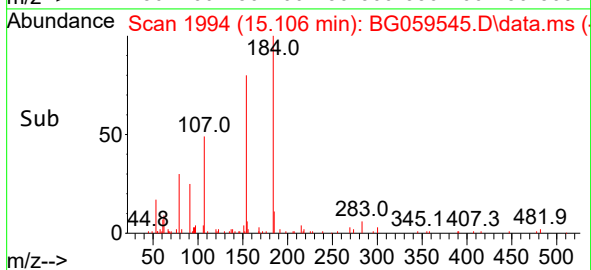
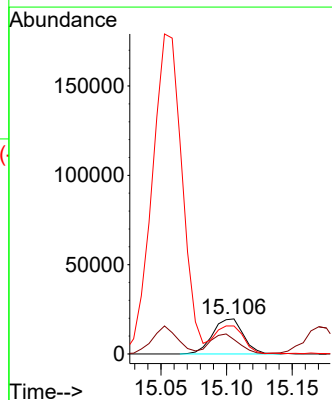
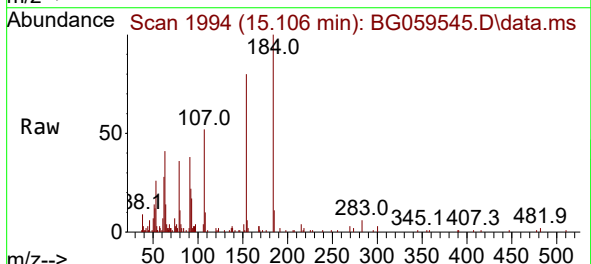
Instrument :
BNA_G
ClientSampleId :
SSTD020462

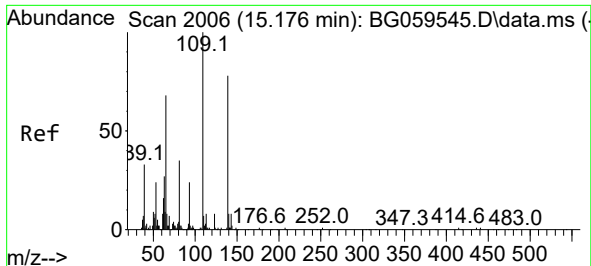
Tgt Ion:153 Resp: 327730
Ion Ratio Lower Upper
153 100
152 47.8 37.6 56.4
154 83.4 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 17.865 ng/ul
RT: 15.106 min Scan# 1994
Delta R.T. 0.005 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:184 Resp: 31811
Ion Ratio Lower Upper
184 100
63 41.3 35.0 52.6
154 80.1 49.8 74.8#

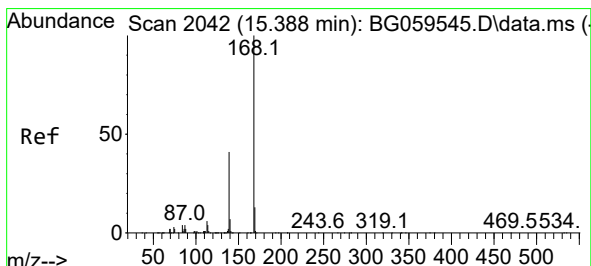
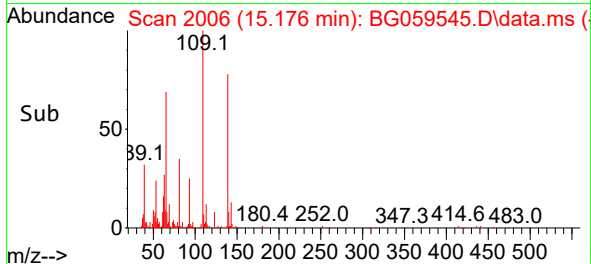
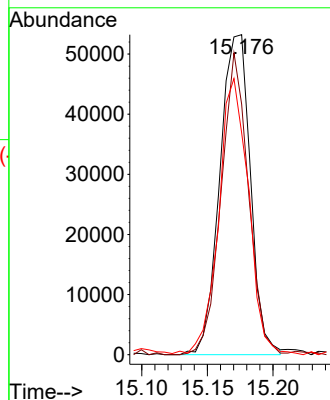
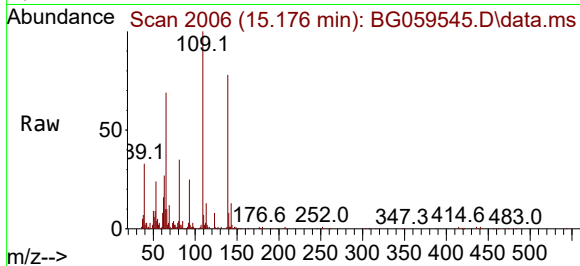




#55
4-Nitrophenol
Concen: 21.652 ng/ul
RT: 15.176 min Scan# 2006
Delta R.T. 0.011 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

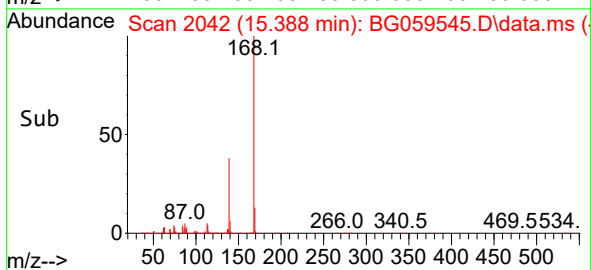
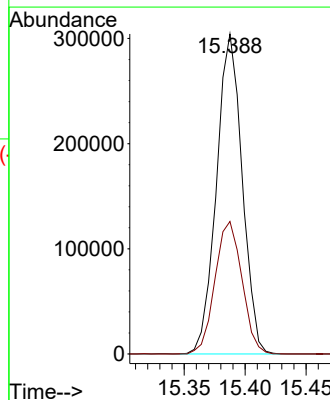
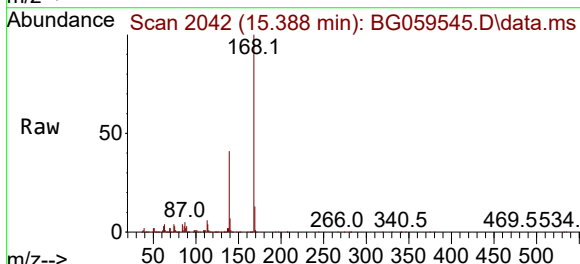
Instrument :
BNA_G
ClientSampleId :
SSTD020462

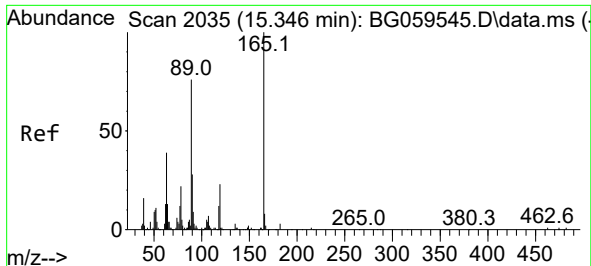
Tgt Ion:109 Resp: 86043
Ion Ratio Lower Upper
109 100
139 78.3 72.2 108.2
65 69.4 57.3 85.9



#56
Dibenzofuran
Concen: 18.586 ng/ul
RT: 15.388 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:168 Resp: 446581
Ion Ratio Lower Upper
168 100
139 41.4 33.8 50.8

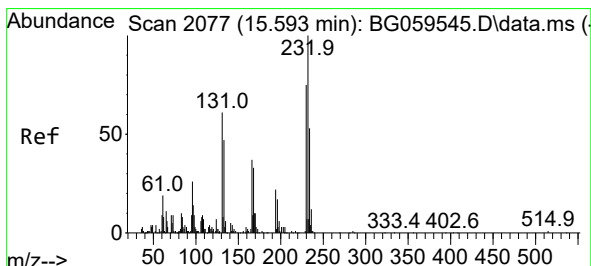
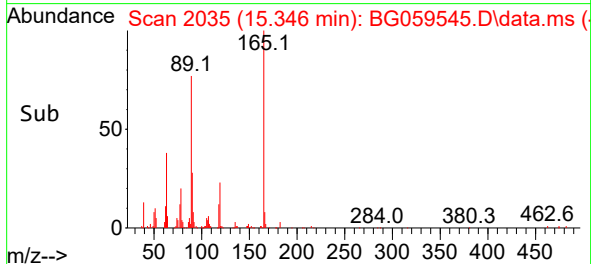
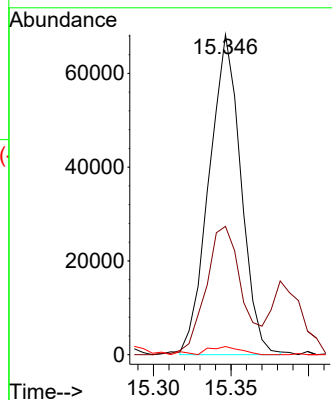
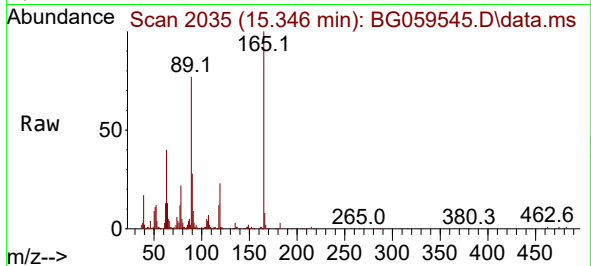




#57
2,4-Dinitrotoluene
Concen: 22.115 ng/ul
RT: 15.346 min Scan# 2035
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

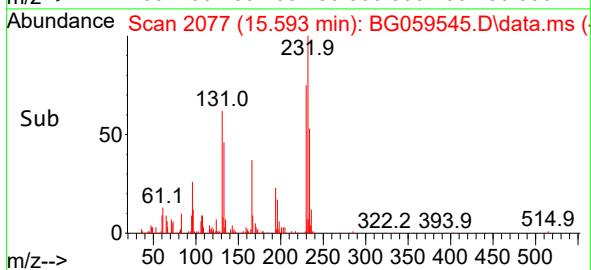
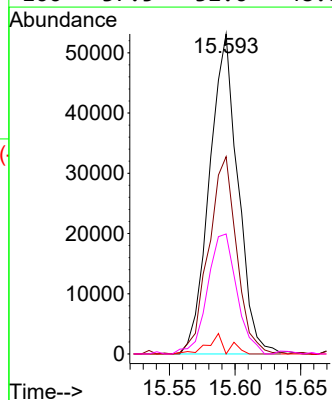
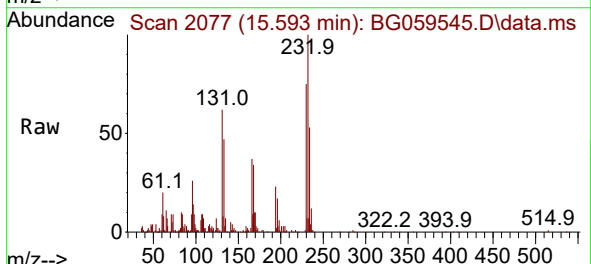
Instrument :
BNA_G
ClientSampleId :
SSTD020462

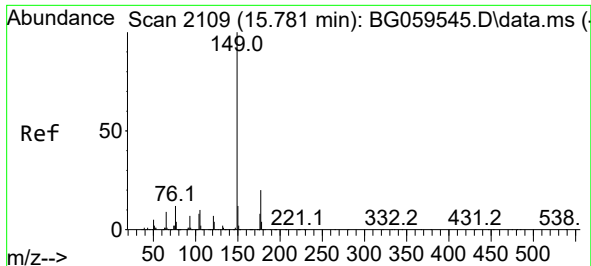
Tgt Ion:165 Resp: 97486
Ion Ratio Lower Upper
165 100
63 40.1 30.9 46.3
182 2.6 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.371 ng/ul
RT: 15.593 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:232 Resp: 80236
Ion Ratio Lower Upper
232 100
131 61.7 44.2 66.2
130 0.0 2.3 3.5#
166 37.5 32.6 48.8

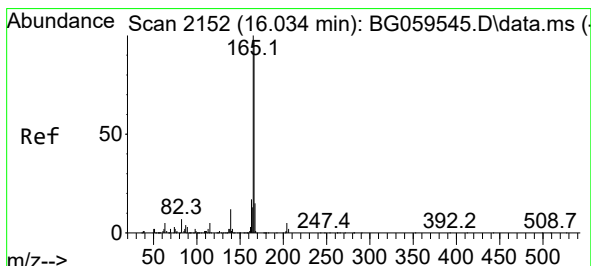
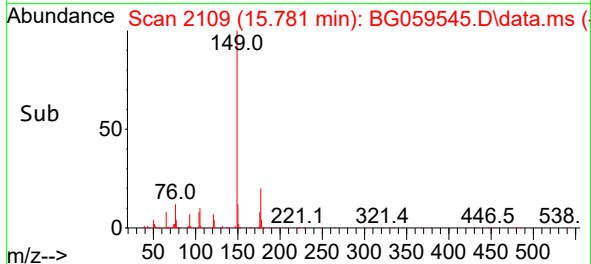
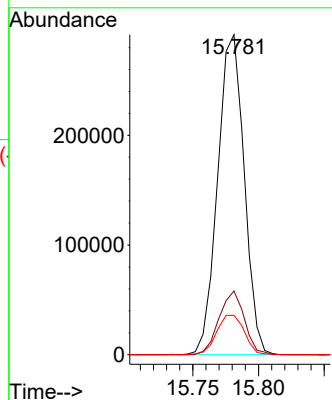
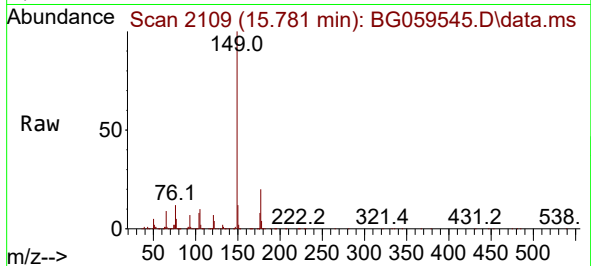




#59
Diethylphthalate
Concen: 18.083 ng/ul
RT: 15.781 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

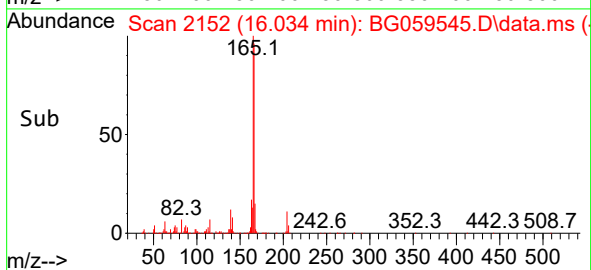
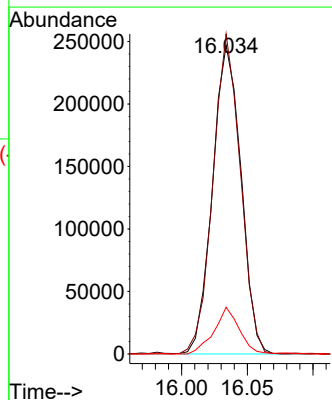
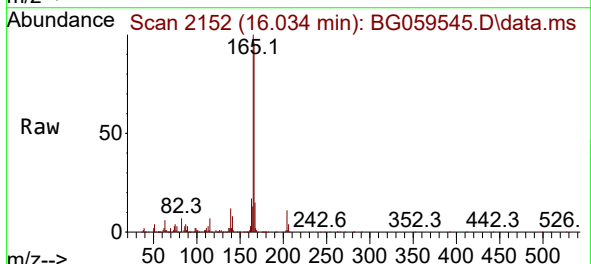
Instrument :
BNA_G
ClientSampleId :
SSTD020462

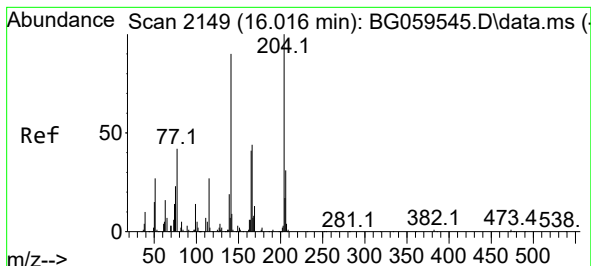
Tgt Ion:149 Resp: 409797
Ion Ratio Lower Upper
149 100
177 19.9 16.3 24.5
150 12.3 9.1 13.7



#61
Fluorene
Concen: 17.987 ng/ul
RT: 16.034 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:166 Resp: 373091
Ion Ratio Lower Upper
166 100
165 103.7 74.4 111.6
167 15.1 9.1 13.7#

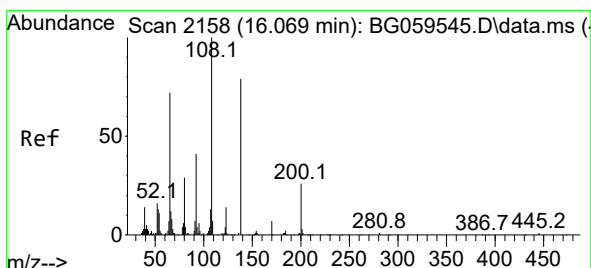
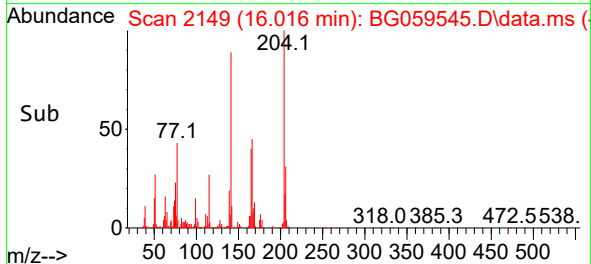
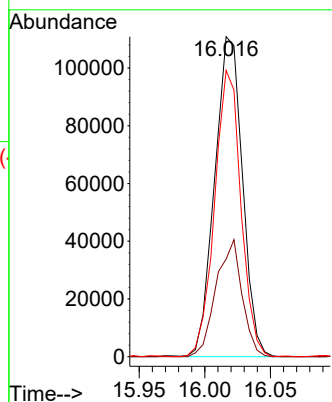
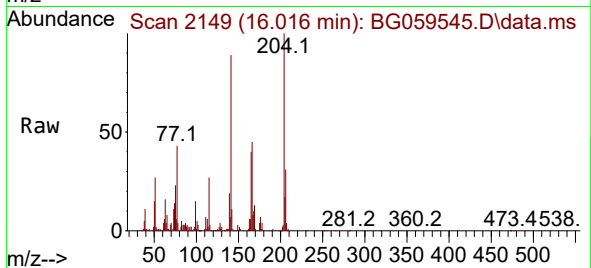




#62
4-Chlorophenyl-phenylether
Concen: 18.406 ng/ul
RT: 16.016 min Scan# 2149
Delta R.T. -0.007 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

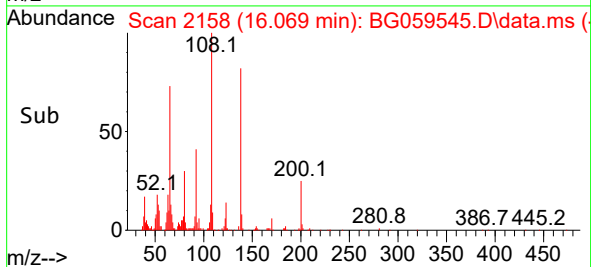
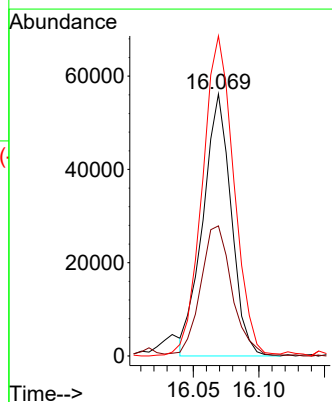
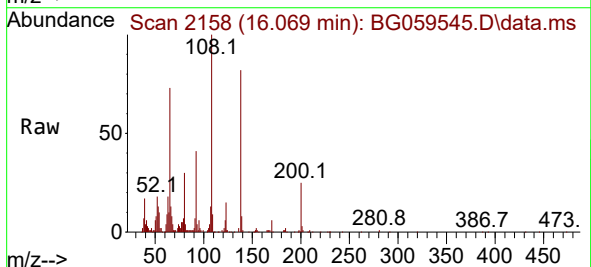
Instrument :
BNA_G
ClientSampleId :
SSTD020462

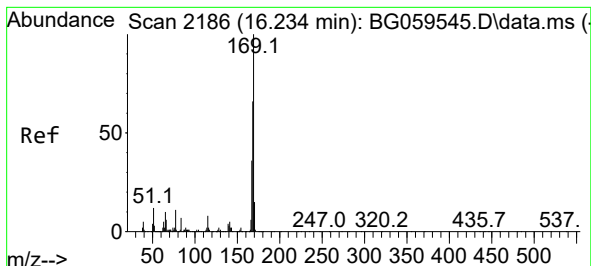
Tgt Ion:204 Resp: 163167
Ion Ratio Lower Upper
204 100
206 30.5 28.8 43.2
141 89.4 68.6 103.0



#63
4-Nitroaniline
Concen: 20.336 ng/ul
RT: 16.069 min Scan# 2158
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:138 Resp: 84301
Ion Ratio Lower Upper
138 100
92 49.6 49.8 74.8#
108 122.2 100.9 151.3





#67

N-Nitrosodiphenylamine

Concen: 18.349 ng/ul

RT: 16.234 min Scan# 2186

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

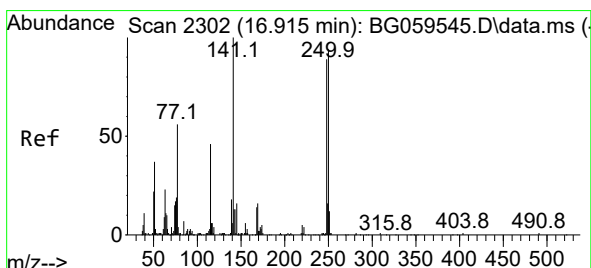
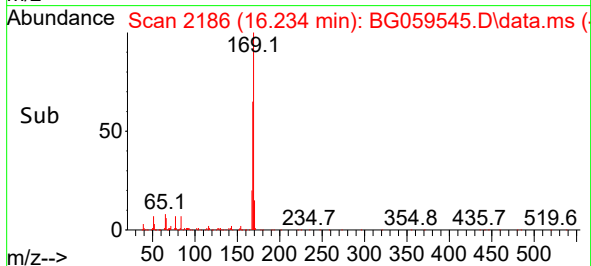
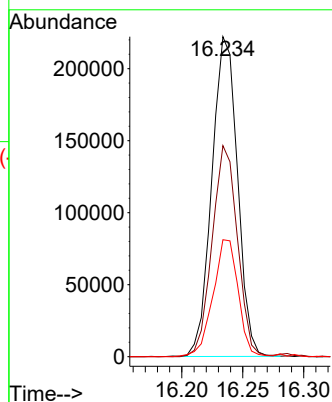
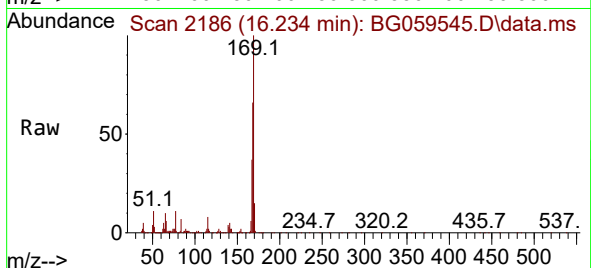
Tgt Ion:169 Resp: 325246

Ion Ratio Lower Upper

169 100

168 65.9 54.2 81.2

167 36.6 31.3 46.9



#68

4-Bromophenyl-phenylether

Concen: 16.632 ng/ul

RT: 16.915 min Scan# 2302

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

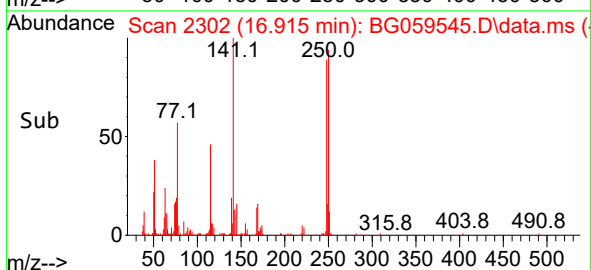
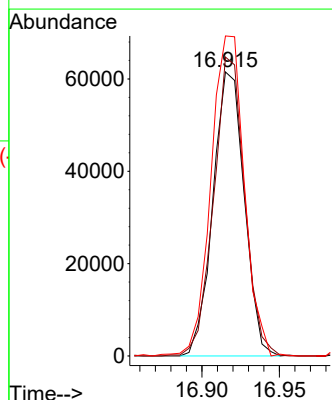
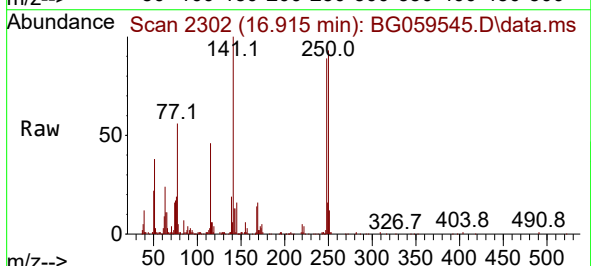
Tgt Ion:248 Resp: 86340

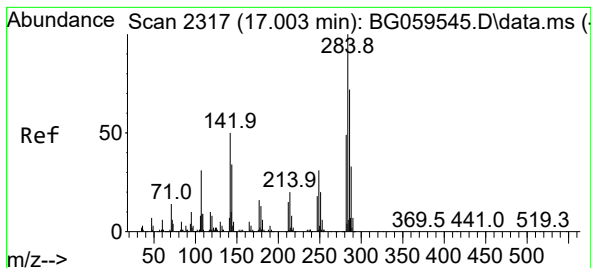
Ion Ratio Lower Upper

248 100

250 105.2 74.2 111.2

141 112.7 88.5 132.7





#69

Hexachlorobenzene

Concen: 20.093 ng/ul

RT: 17.003 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

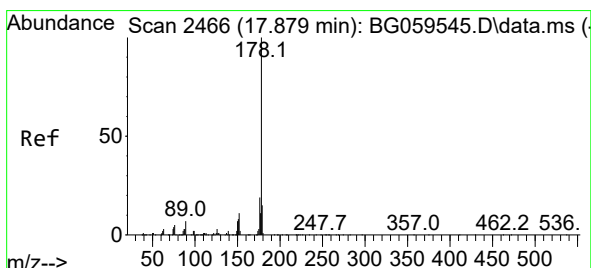
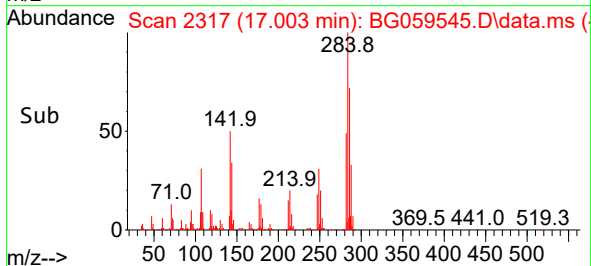
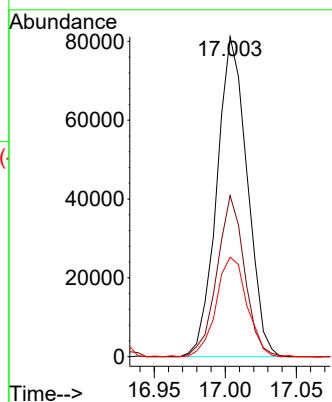
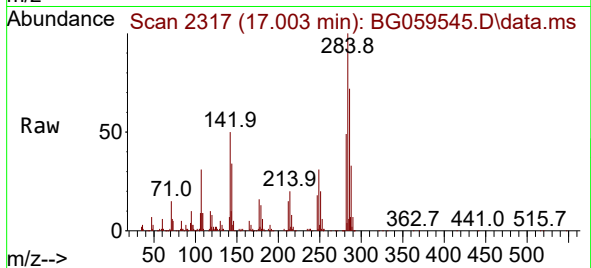
Tgt Ion:284 Resp: 120550

Ion Ratio Lower Upper

284 100

142 50.3 39.6 59.4

249 31.1 28.2 42.2



#72

Phenanthrene

Concen: 18.272 ng/ul

RT: 17.879 min Scan# 2466

Delta R.T. 0.093 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

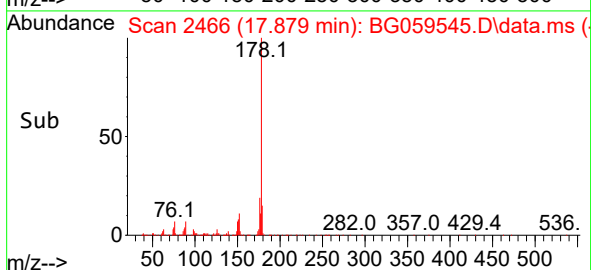
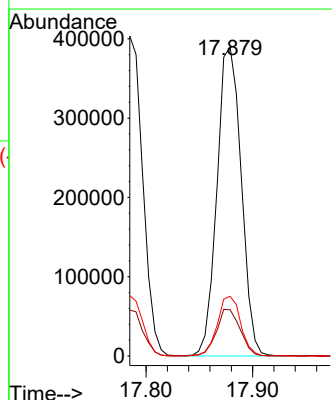
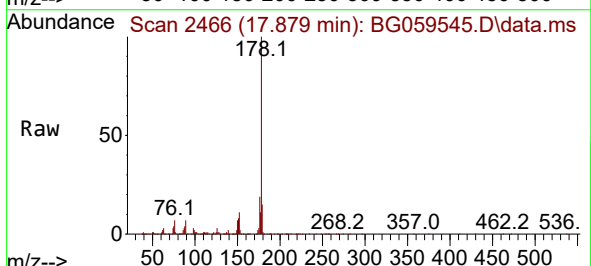
Tgt Ion:178 Resp: 616223

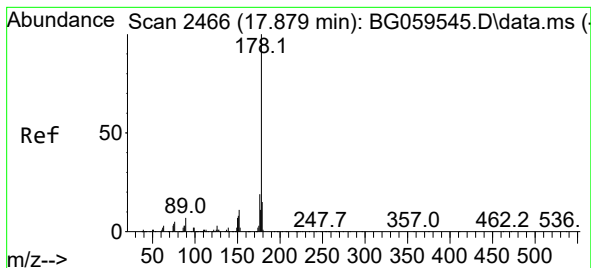
Ion Ratio Lower Upper

178 100

179 15.0 11.3 16.9

176 19.3 15.4 23.0





#74

Anthracene

Concen: 18.097 ng/uI

RT: 17.879 min Scan# 2466

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

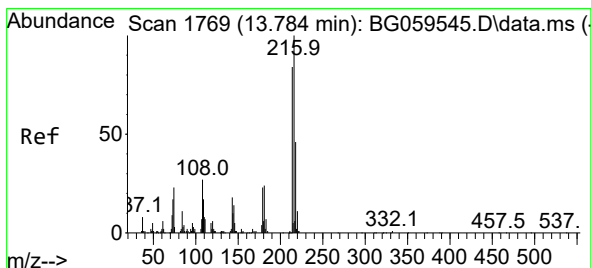
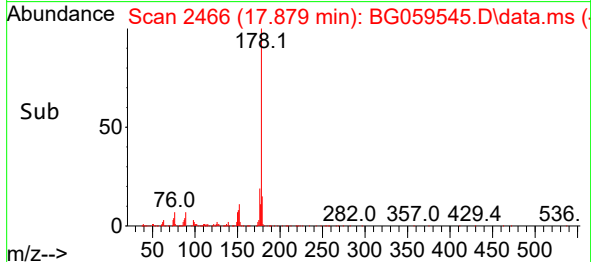
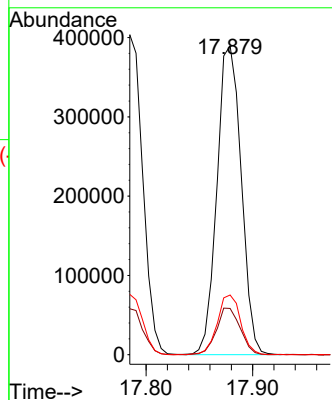
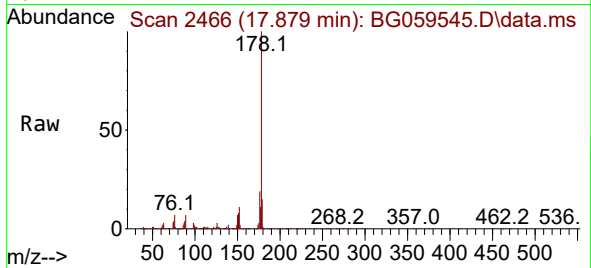
Tgt Ion:178 Resp: 616223

Ion Ratio Lower Upper

178 100

179 15.0 13.1 19.7

176 19.3 13.9 20.9



#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.541 ng/uI

RT: 13.784 min Scan# 1769

Delta R.T. -0.007 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

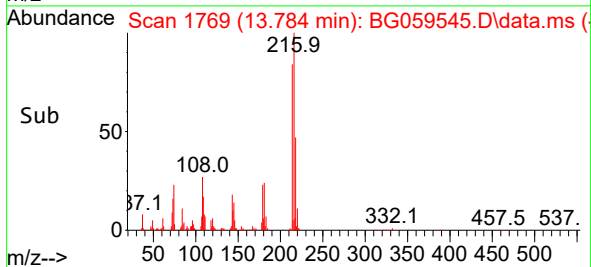
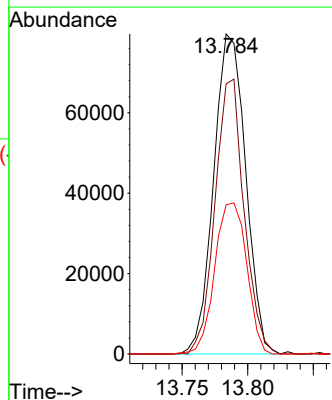
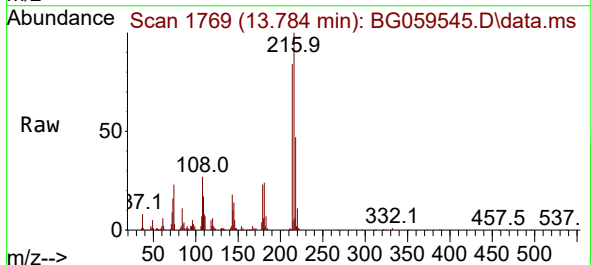
Tgt Ion:216 Resp: 134994

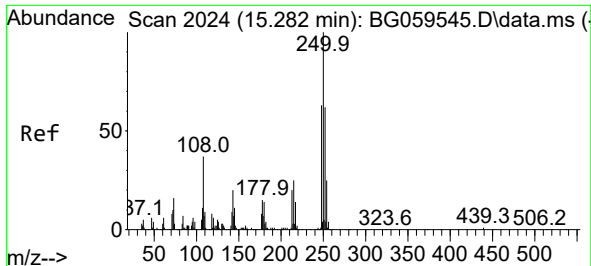
Ion Ratio Lower Upper

216 100

214 84.4 70.2 105.2

218 46.6 39.9 59.9

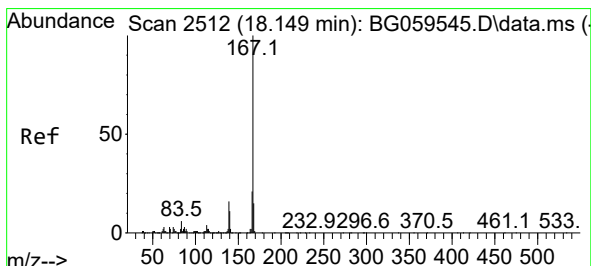
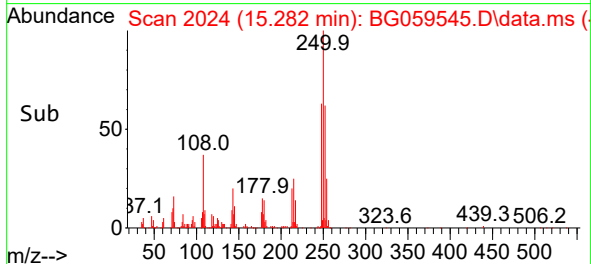
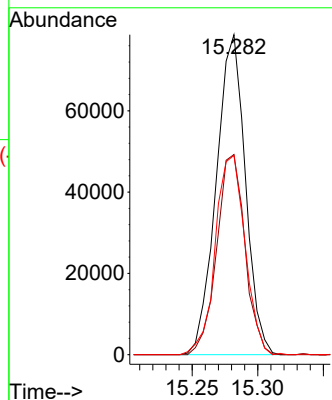
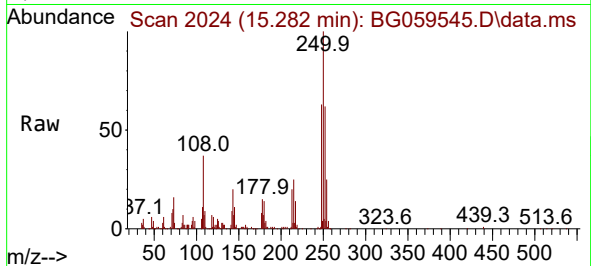




#76
Pentachlorobenzene
Concen: 18.535 ng/uL
RT: 15.282 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

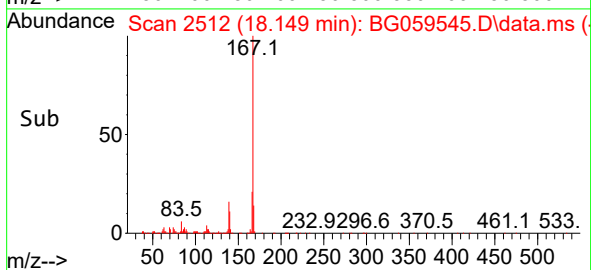
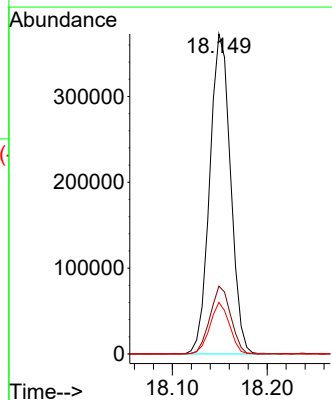
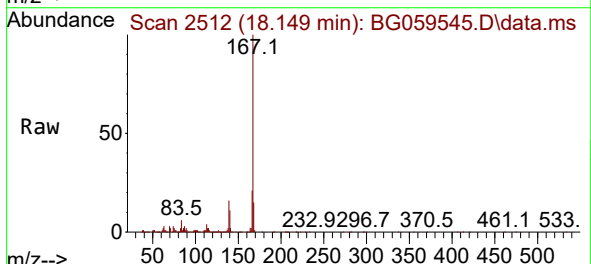
Instrument :
BNA_G
ClientSampleId :
SSTD020462

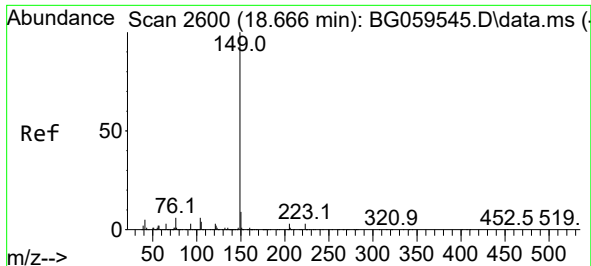
Tgt Ion:250 Resp: 121508
Ion Ratio Lower Upper
250 100
248 62.5 48.7 73.1
252 62.3 51.2 76.8



#77
Carbazole
Concen: 19.402 ng/uL
RT: 18.149 min Scan# 2512
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:167 Resp: 567564
Ion Ratio Lower Upper
167 100
166 21.2 19.4 29.2
139 16.1 11.7 17.5

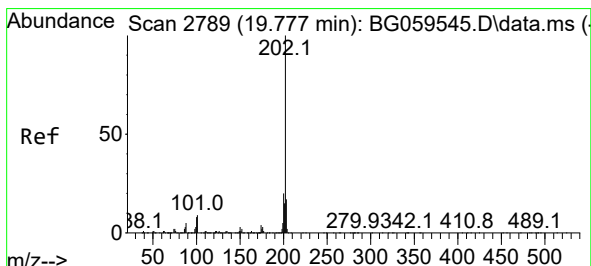
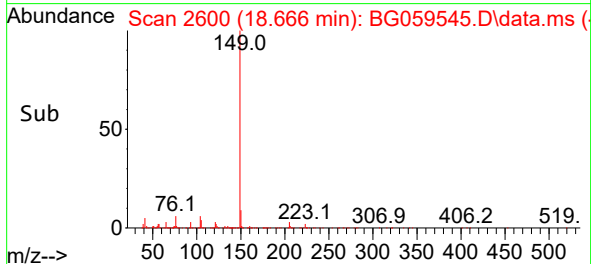
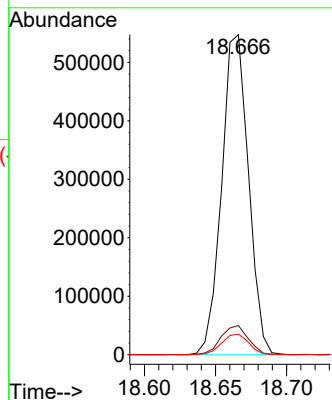
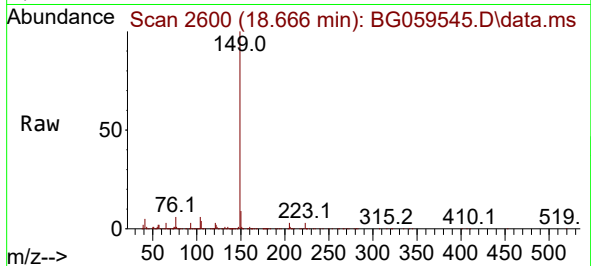




#78
Di-n-butylphthalate
Concen: 17.856 ng/ul
RT: 18.666 min Scan# 2600
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

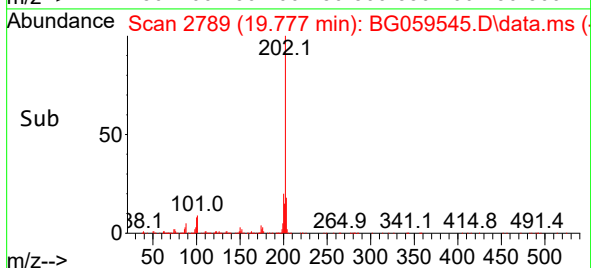
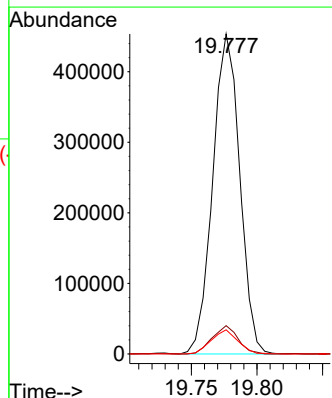
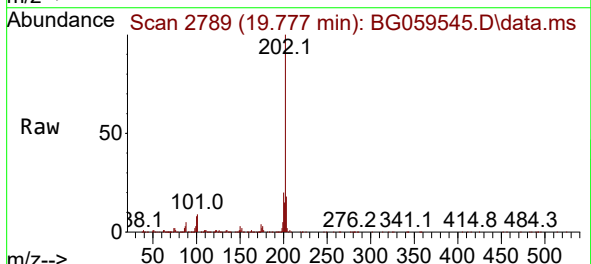
Instrument :
BNA_G
ClientSampleId :
SSTD020462

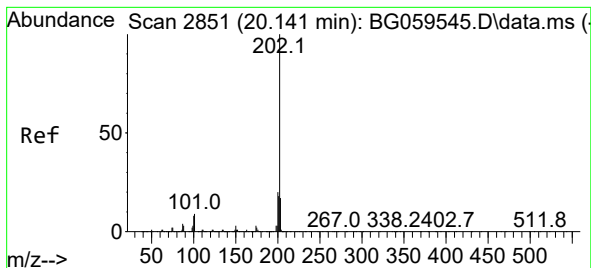
Tgt Ion:149 Resp: 717672
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.5 5.3 7.9



#80
Fluoranthene
Concen: 19.967 ng/ul
RT: 19.777 min Scan# 2789
Delta R.T. -0.001 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:202 Resp: 648675
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.6
100 7.6 5.2 7.8





#82

Pyrene

Concen: 19.268 ng/ul

RT: 20.141 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

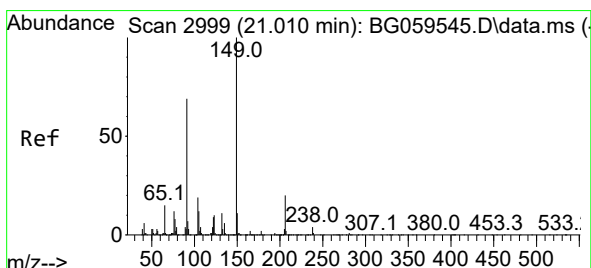
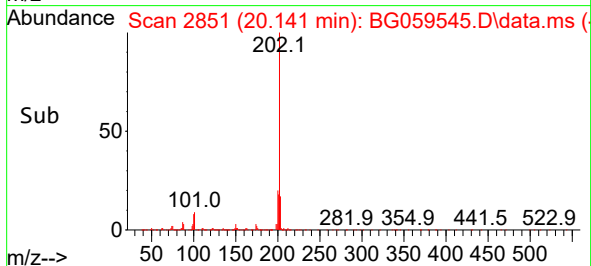
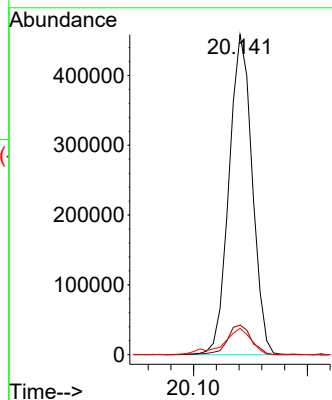
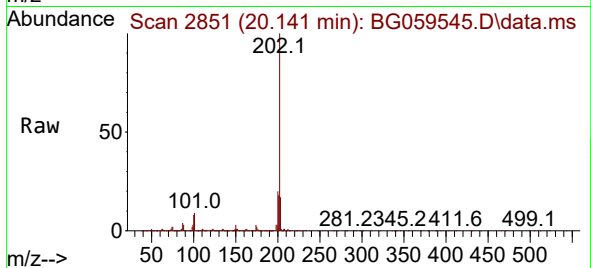
Tgt Ion:202 Resp: 650218

Ion Ratio Lower Upper

202 100

101 9.3 7.9 11.9

100 8.2 7.9 11.9



#83

Butylbenzylphthalate

Concen: 19.969 ng/ul

RT: 21.010 min Scan# 2999

Delta R.T. -0.007 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

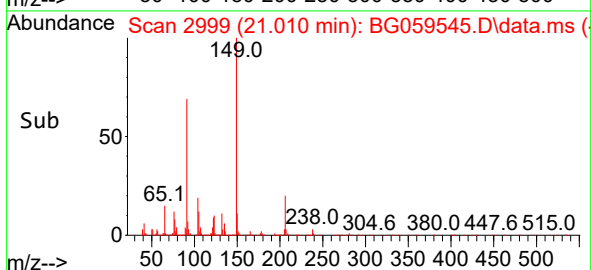
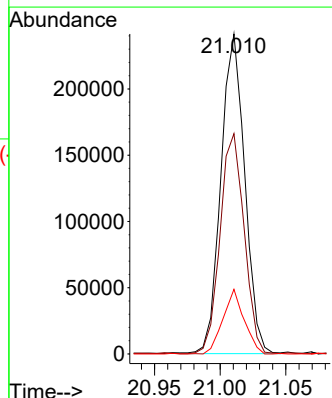
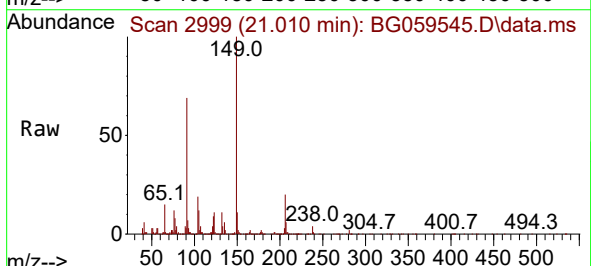
Tgt Ion:149 Resp: 304334

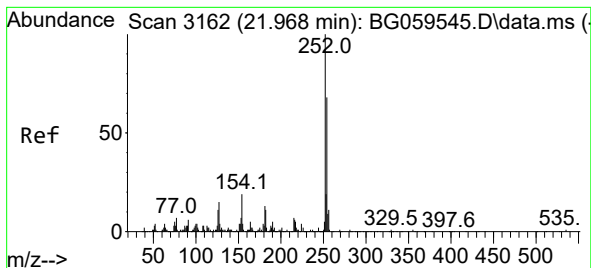
Ion Ratio Lower Upper

149 100

91 68.9 52.2 78.2

206 20.2 15.1 22.7





#84

3,3'-Dichlorobenzidine

Concen: 20.830 ng/ul

RT: 21.968 min Scan# 3162

Delta R.T. -0.001 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

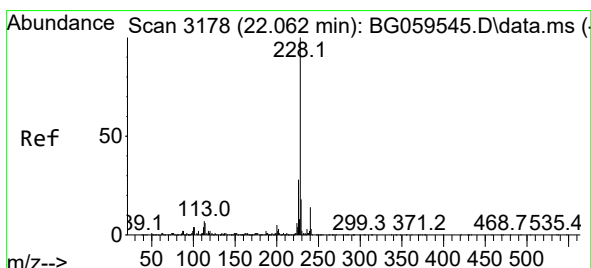
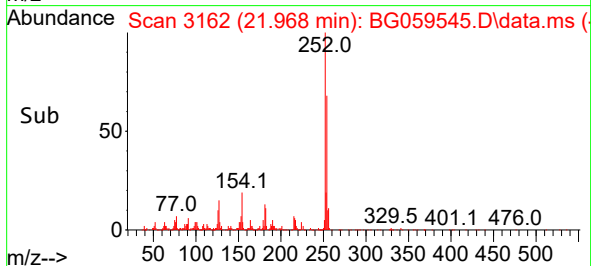
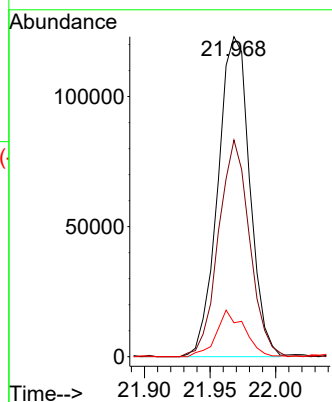
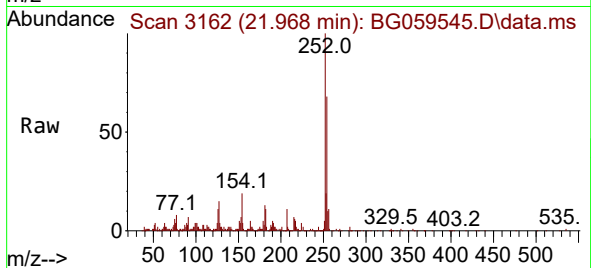
Tgt Ion:252 Resp: 207699

Ion Ratio Lower Upper

252 100

254 67.7 48.9 73.3

126 10.6 11.5 17.3#



#85

Benzo(a)anthracene

Concen: 18.418 ng/ul

RT: 22.062 min Scan# 3178

Delta R.T. 0.005 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

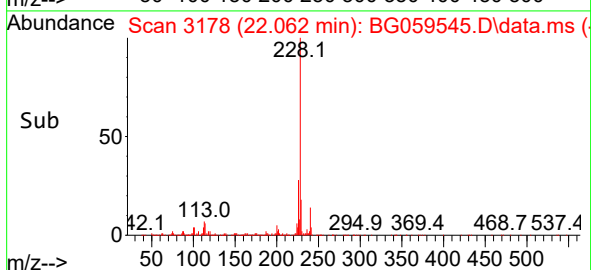
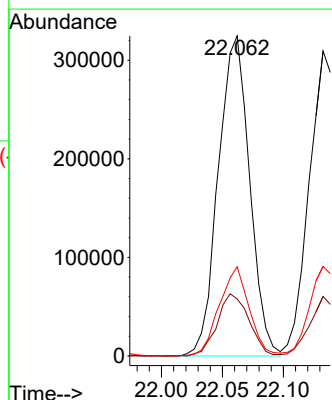
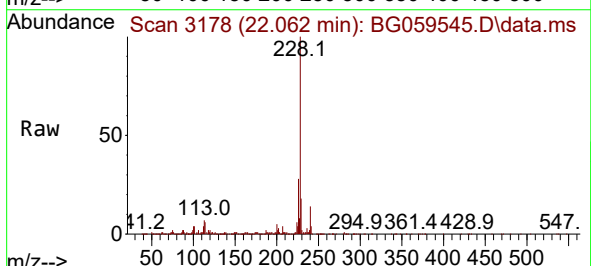
Tgt Ion:228 Resp: 581163

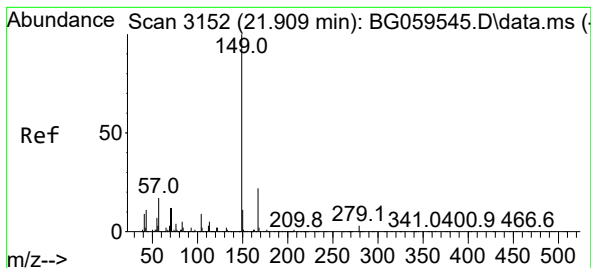
Ion Ratio Lower Upper

228 100

229 17.8 16.7 25.1

226 27.9 20.3 30.5

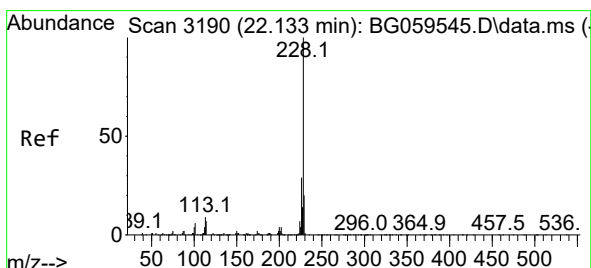
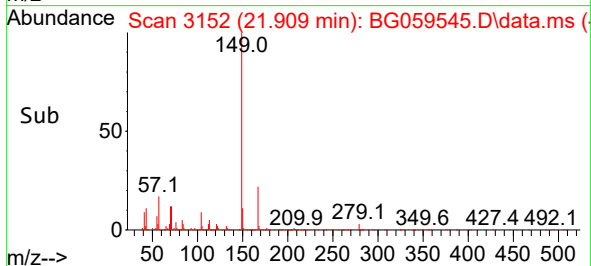
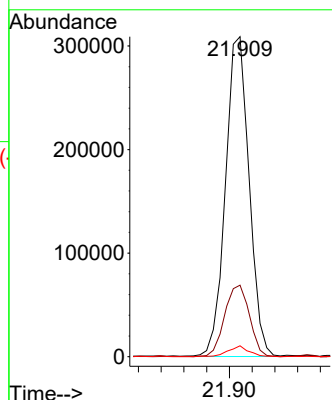
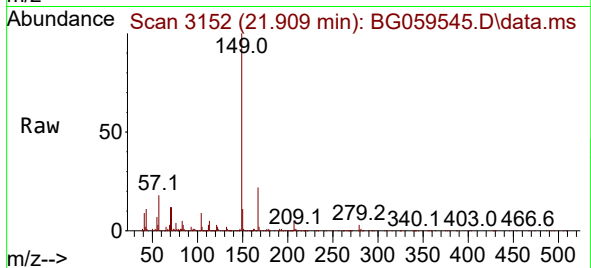




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 19.617 ng/ul
 RT: 21.909 min Scan# 3152
 Delta R.T. -0.007 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

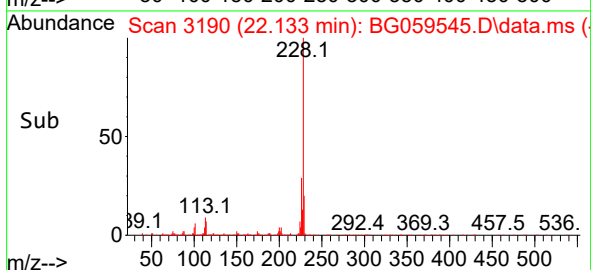
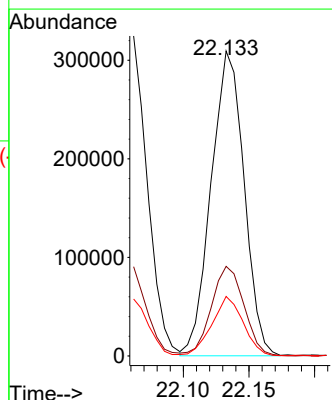
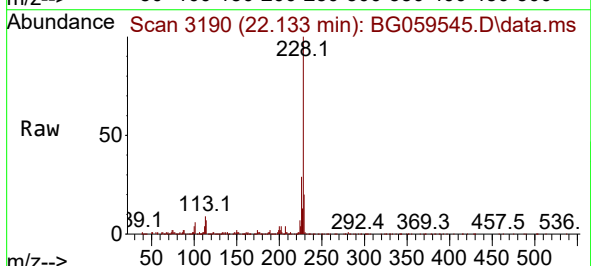
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020462

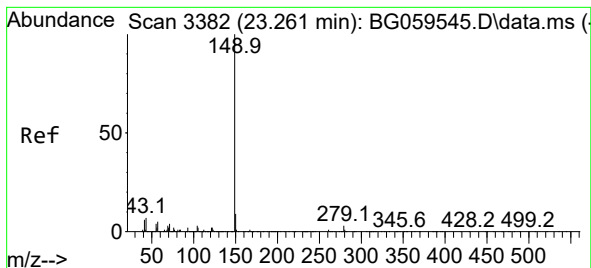
Tgt Ion:149 Resp: 446092
 Ion Ratio Lower Upper
 149 100
 167 22.4 19.4 29.2
 279 3.4 2.2 3.4#



#87
 Chrysene
 Concen: 18.404 ng/ul
 RT: 22.133 min Scan# 3190
 Delta R.T. -0.001 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

Tgt Ion:228 Resp: 540201
 Ion Ratio Lower Upper
 228 100
 226 29.4 21.0 31.4
 229 19.5 15.1 22.7

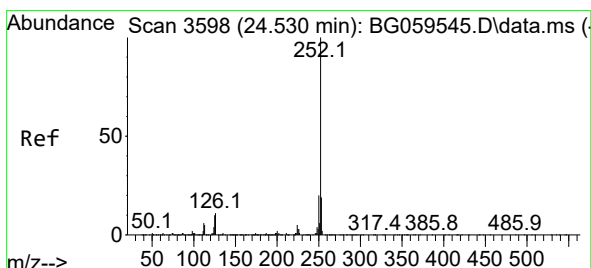
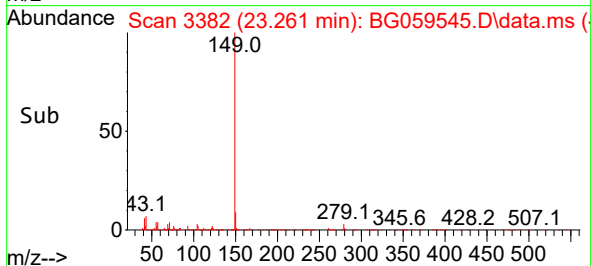
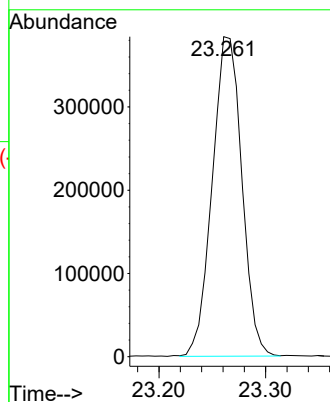
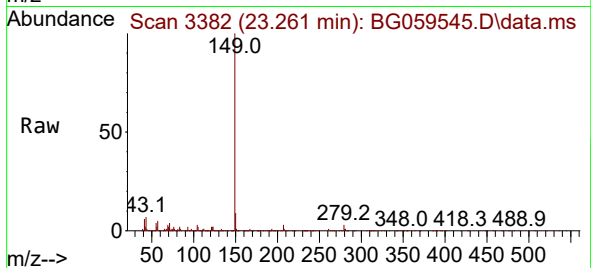




#89
Di-n-octyl phthalate
Concen: 20.161 ng/ul
RT: 23.261 min Scan# 311
Delta R.T. -0.012 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

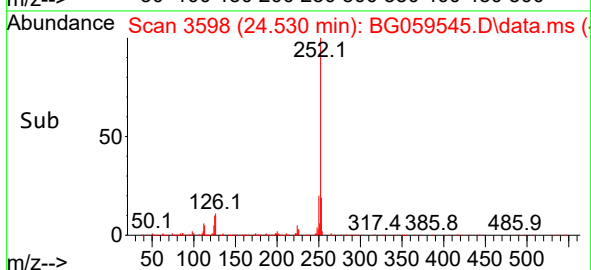
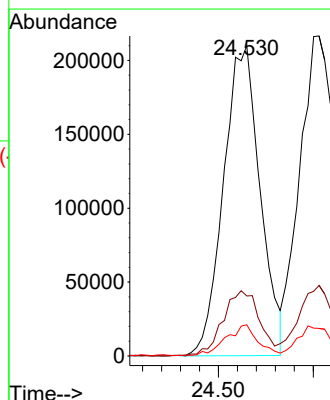
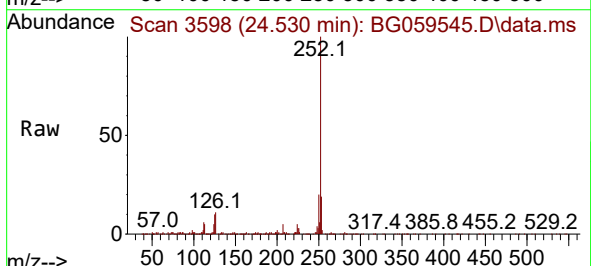
Instrument :
BNA_G
ClientSampleId :
SSTD020462

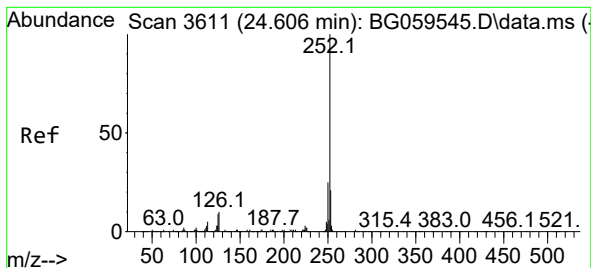
Tgt Ion:149 Resp: 738745



#90
Benzo(b)fluoranthene
Concen: 18.535 ng/ul
RT: 24.530 min Scan# 3598
Delta R.T. 0.005 min
Lab File: BG059545.D
Acq: 30 Oct 2023 12:03

Tgt Ion:252 Resp: 562280
Ion Ratio Lower Upper
252 100
253 19.4 17.8 26.8
125 10.0 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 18.788 ng/ul

RT: 24.606 min Scan# 3

Delta R.T. 0.005 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

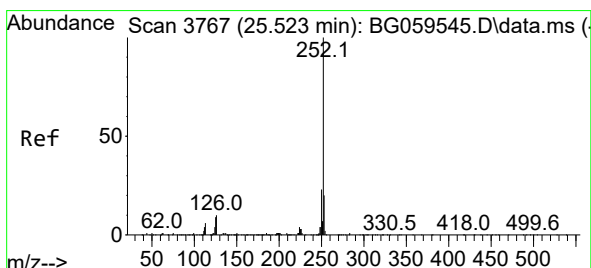
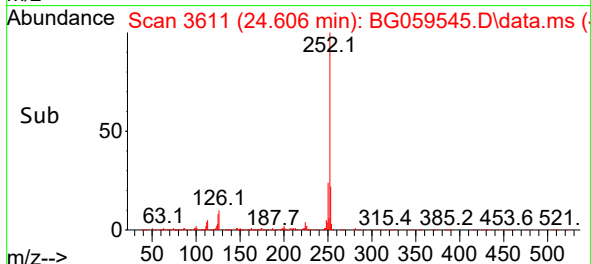
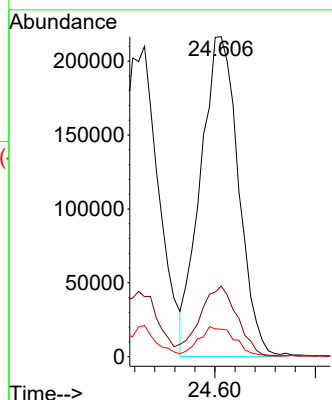
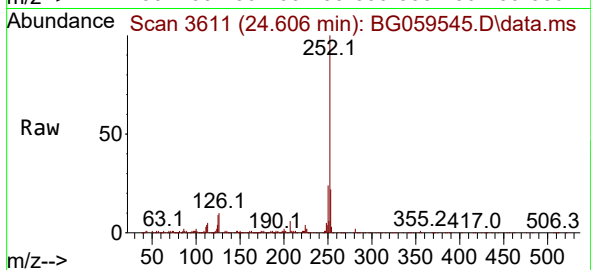
Tgt Ion:252 Resp: 569327

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 8.6 7.9 11.9



#93

Benzo(a)pyrene

Concen: 18.586 ng/ul

RT: 25.523 min Scan# 3767

Delta R.T. 0.005 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

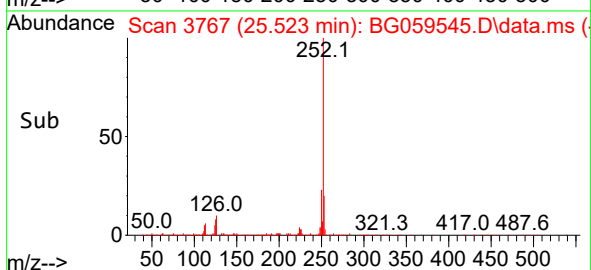
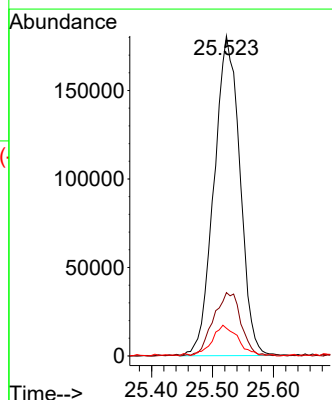
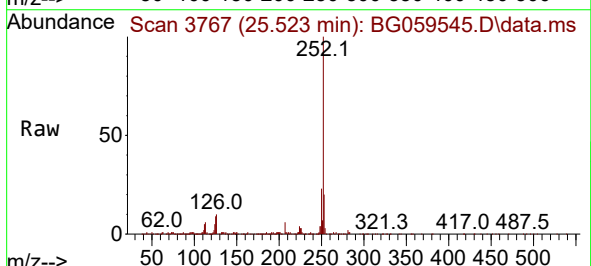
Tgt Ion:252 Resp: 532906

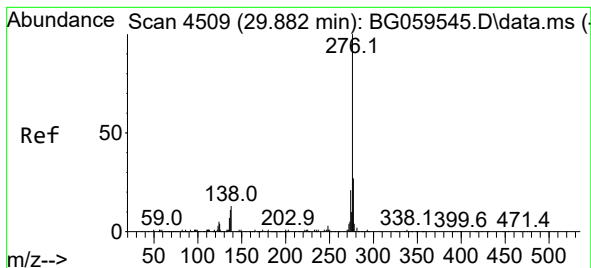
Ion Ratio Lower Upper

252 100

253 19.8 18.5 27.7

125 8.6 7.6 11.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.030 ng/ul

RT: 29.882 min Scan# 4509

Delta R.T. -0.007 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

Instrument :

BNA_G

ClientSampleId :

SSTD020462

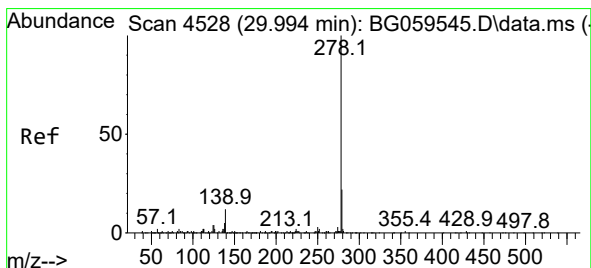
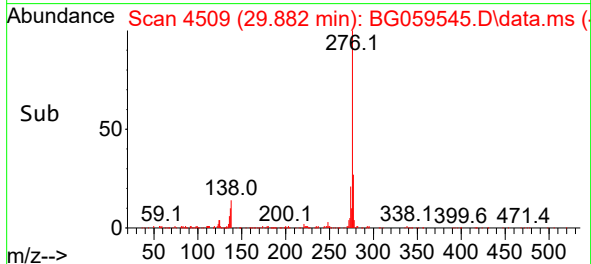
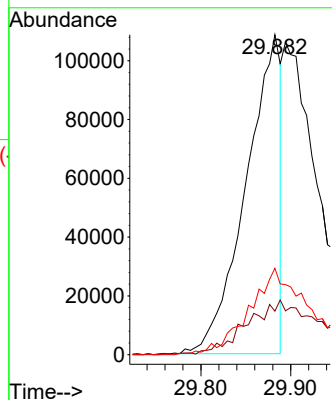
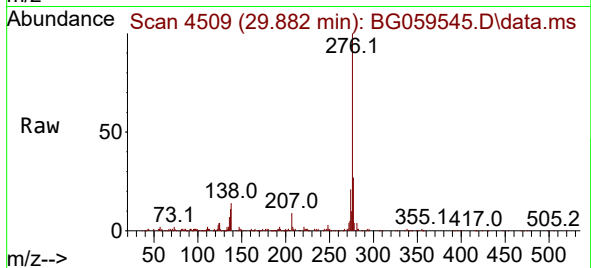
Tgt Ion:276 Resp: 291845

Ion Ratio Lower Upper

276 100

138 13.6 15.3 22.9#

277 27.0 16.4 24.6#



#95

Dibenzo(a,h)anthracene

Concen: 9.051 ng/ul

RT: 29.976 min Scan# 4525

Delta R.T. -0.007 min

Lab File: BG059545.D

Acq: 30 Oct 2023 12:03

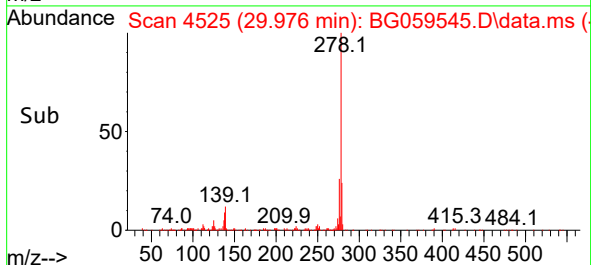
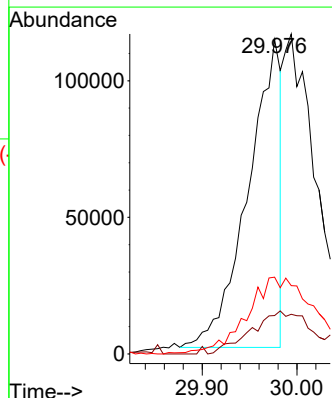
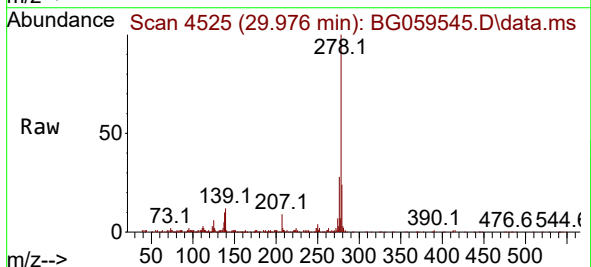
Tgt Ion:278 Resp: 271670

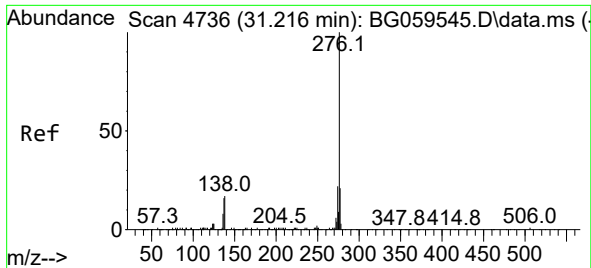
Ion Ratio Lower Upper

278 100

139 12.2 11.0 16.6

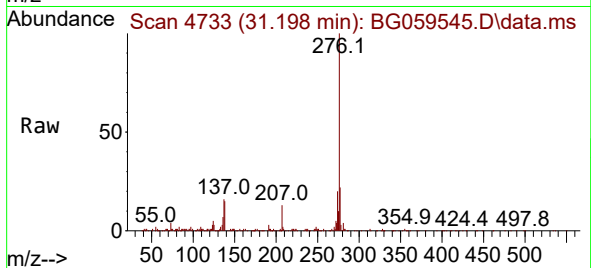
279 24.4 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 7.154 ng/ul
 RT: 31.198 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BG059545.D
 Acq: 30 Oct 2023 12:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020462



Tgt Ion:276 Resp: 212785
 Ion Ratio Lower Upper
 276 100
 138 14.9 16.2 24.2#
 277 22.2 18.2 27.4

