

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058957.D
 Acq On : 10 Sep 2023 18:10
 Operator : MA/JU
 Sample : SST02009
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020409

Quant Time: Sep 10 23:06:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Sep 10 22:58:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	57536	20.000	ng/u1	0.00
20) Naphthalene-d8	11.168	136	270717	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.952	164	195139	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.701	188	470139	20.000	ng/u1	0.00
79) Chrysene-d12	22.026	240	469074	20.000	ng/u1	0.00
88) Perylene-d12	25.592	264	526161	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	11885	9.908	ng/uL	0.00
4) Pyridine-d5	4.070	84	87946	21.353	ng/u1	0.00
7) Phenol-d5	7.431	99	119351	20.915	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.648	67	69833	21.631	ng/u1	0.00
11) 2-Chlorophenol-d4	7.842	132	81833	24.040	ng/u1	0.00
15) 4-Methylphenol-d8	9.006	113	91916	20.782	ng/u1	0.00
21) Nitrobenzene-d5	9.523	128	39195	24.580	ng/u1	0.00
24) 2-Nitrophenol-d4	10.245	143	41699	23.872	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.762	165	90245	17.807	ng/u1	0.00
31) 4-Chloroaniline-d4	11.309	131	124562	19.161	ng/u1	0.00
46) Dimethylphthalate-d6	14.346	166	315241	20.927	ng/u1	0.00
49) Acenaphthylene-d8	14.652	160	351107	21.564	ng/u1	0.00
54) 4-Nitrophenol-d4	15.116	143	51034	25.643	ng/u1	0.00
60) Fluorene-d10	15.939	176	276768	19.494	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.039	200	43897	20.508	ng/u1	0.00
73) Anthracene-d10	17.795	188	426179	19.928	ng/u1	0.00
81) Pyrene-d10	20.069	212	497082	18.272	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.339	264	531644	20.512	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.677	88	14326	9.806	ng/uL	100
5) Pyridine	4.094	79	94153	21.716	ng/u1	100
6) Benzaldehyde	7.472	77	73393	21.819	ng/u1	100
8) Phenol	7.460	94	122718	20.621	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.742	93	95152	21.559	ng/u1	100
12) 2-Chlorophenol	7.872	128	81107	23.632	ng/u1	100
13) 2-Methylphenol	8.741	108	91807	20.603	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.835	45	109379	21.533	ng/u1	100
16) Acetophenone	9.170	105	153779	19.500	ng/u1	100
17) N-Nitroso-di-n-propyla...	9.129	70	83839	20.326	ng/u1	100
18) 4-Methylphenol	9.070	108	103397	21.205	ng/u1	100
19) Hexachloroethane	9.417	117	32255	23.026	ng/u1	100
22) Nitrobenzene	9.564	77	117619	21.567	ng/u1	100
23) Isophorone	10.075	82	249429	18.331	ng/u1	100
25) 2-Nitrophenol	10.275	139	44952	23.857	ng/u1	100
26) 2,4-Dimethylphenol	10.292	107	108715	18.558	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.557	93	137969	19.580	ng/u1	100
29) 2,4-Dichlorophenol	10.792	162	88677	18.460	ng/u1	100
30) Naphthalene	11.221	128	296951	20.305	ng/u1	100
32) 4-Chloroaniline	11.338	127	127933	20.749	ng/u1	100
33) Hexachlorobutadiene	11.450	225	71471	15.192	ng/u1	100
34) Caprolactam	12.108	113	31302	19.698	ng/u1	100
35) 4-Chloro-3-methylphenol	12.402	107	112386	19.912	ng/u1	100
36) 2-Methylnaphthalene	12.801	142	213883	19.320	ng/u1	100

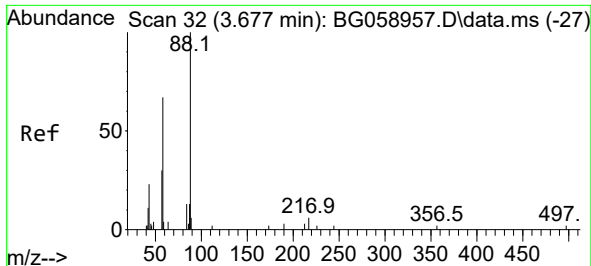
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.019	142	216478	19.118	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.142	216	133175	18.290	ng/ul	100
40) Hexachlorocyclopentadiene	13.095	237	76545	14.607	ng/ul	100
41) 2,4,6-Trichlorophenol	13.377	196	85338	20.169	ng/ul	100
42) 2,4,5-Trichlorophenol	13.447	196	90271	19.899	ng/ul	100
43) 1,1'-Biphenyl	13.788	154	303250	22.839	ng/ul	100
44) 2-Chloronaphthalene	13.841	162	236004	22.287	ng/ul	100
45) 2-Nitroaniline	14.053	65	69847	29.831	ng/ul	100
47) Dimethylphthalate	14.393	163	295023	19.263	ng/ul	100
48) 2,6-Dinitrotoluene	14.534	165	58203	26.775	ng/ul	100
50) Acenaphthylene	14.681	152	386001	21.244	ng/ul	100
51) 3-Nitroaniline	14.869	138	50650	23.123	ng/ul	100
52) Acenaphthene	15.016	153	254171	21.485	ng/ul	100
53) 2,4-Dinitrophenol	15.063	184	27242	14.814	ng/ul	100
55) 4-Nitrophenol	15.128	109	58733	23.595	ng/ul	100
56) Dibenzofuran	15.345	168	367276	20.797	ng/ul	100
57) 2,4-Dinitrotoluene	15.310	165	77962	24.862	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.551	232	87154	18.183	ng/ul	100
59) Diethylphthalate	15.739	149	289217	21.011	ng/ul	100
61) Fluorene	15.992	166	310931	20.738	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.980	204	159128	17.692	ng/ul	100
63) 4-Nitroaniline	16.033	138	55374	27.169	ng/ul	100
66) 4,6-Dinitro-2-methylph...	16.056	198	47673	21.215	ng/ul	100
67) N-Nitrosodiphenylamine	16.191	169	254680	22.027	ng/ul	100
68) 4-Bromophenyl-phenylether	16.873	248	104616	18.325	ng/ul	100
69) Hexachlorobenzene	16.961	284	123878	18.804	ng/ul	100
70) Atrazine	17.131	200	105477	22.723	ng/ul	100
71) Pentachlorophenol	17.314	266	70657	17.464	ng/ul	100
72) Phenanthrene	17.742	178	483804	21.197	ng/ul	100
74) Anthracene	17.836	178	493371	21.172	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.747	216	141081	20.665	ng/ul	100
76) Pentachlorobenzene	15.239	250	140789	20.462	ng/ul	100
77) Carbazole	18.107	167	426412	24.108	ng/ul	100
78) Di-n-butylphthalate	18.624	149	454253	28.569	ng/ul	100
80) Fluoranthene	19.734	202	570615	17.259	ng/ul	100
82) Pyrene	20.098	202	592589	17.894	ng/ul	100
83) Butylbenzylphthalate	20.962	149	194498	33.872	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.914	252	215849	21.067	ng/ul	100
85) Benzo(a)anthracene	22.002	228	641182	20.077	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.849	149	286756	32.013	ng/ul	100
87) Chrysene	22.073	228	592442	19.803	ng/ul	100
89) Di-n-octyl phthalate	23.189	149	502839	30.602	ng/ul	100
90) Benzo(b)fluoranthene	24.435	252	644513	20.340	ng/ul	100
91) Benzo(k)fluoranthene	24.511	252	670499	21.030	ng/ul	100
93) Benzo(a)pyrene	25.428	252	584544	19.716	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.717	276	620792	16.795	ng/ul	100
95) Dibenzo(a,h)anthracene	29.811	278	600017	19.962	ng/ul	100
96) Benzo(g,h,i)perylene	31.009	276	226788	7.728	ng/ul	97

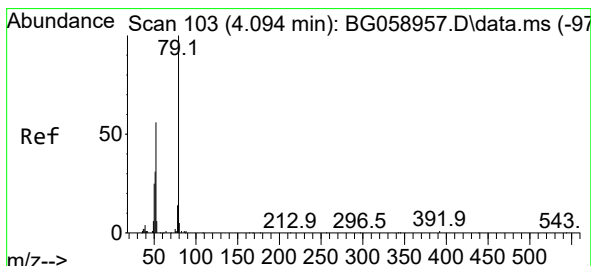
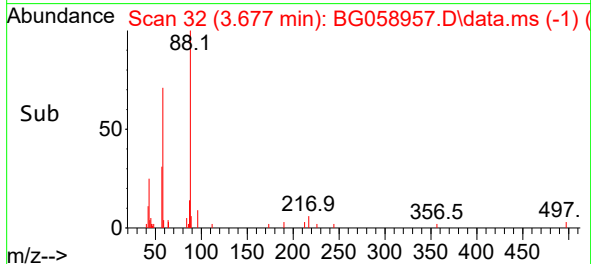
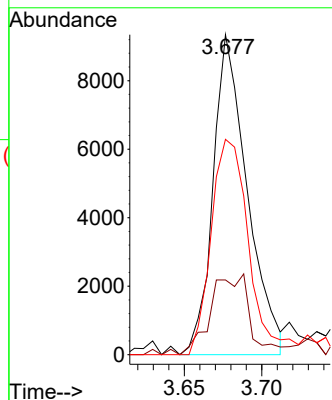
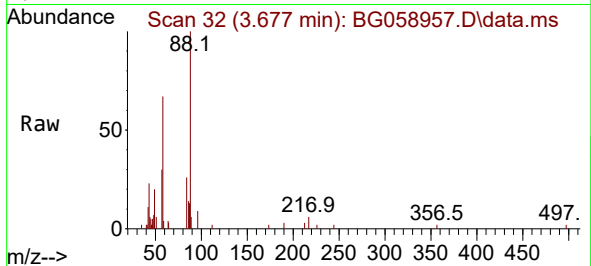
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#2
1,4-Dioxane
Concen: 9.806 ng/uL
RT: 3.677 min Scan# 31
Delta R.T. 0.000 min
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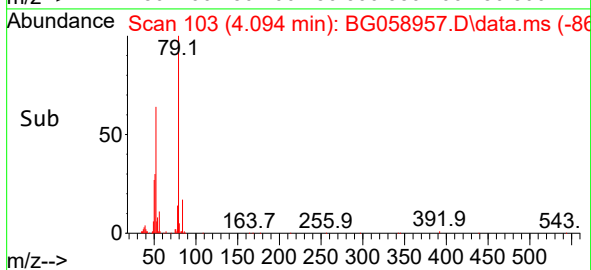
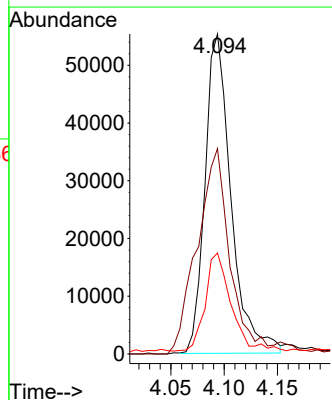
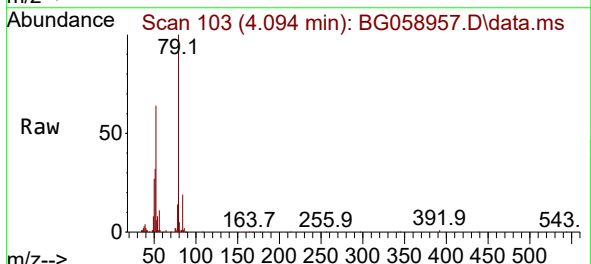
Instrument :
BNA_G
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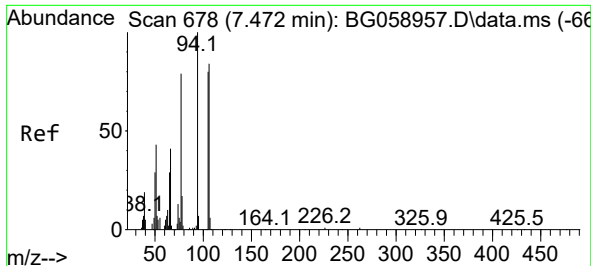
Tgt Ion: 88 Resp: 14326
Ion Ratio Lower Upper
88 100
43 23.3 18.6 28.0
58 67.3 53.8 80.8



#5
Pyridine
Concen: 21.716 ng/uL
RT: 4.094 min Scan# 103
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion: 79 Resp: 94153
Ion Ratio Lower Upper
79 100
52 64.2 51.4 77.0
51 31.5 25.2 37.8

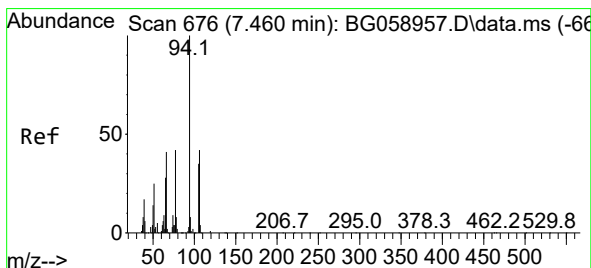
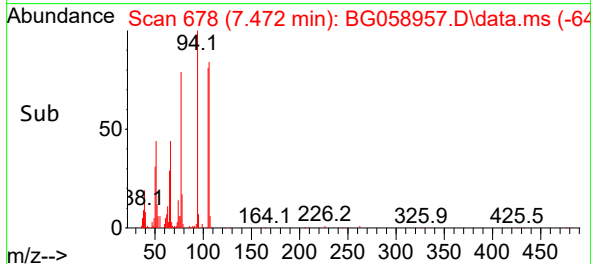
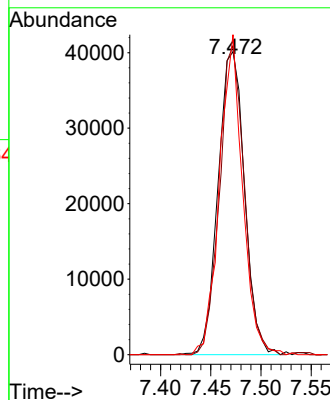
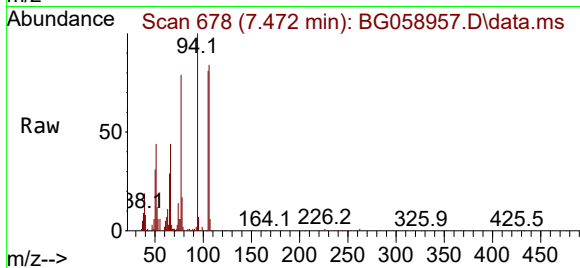




#6
Benzaldehyde
Concen: 21.819 ng/ul
RT: 7.472 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

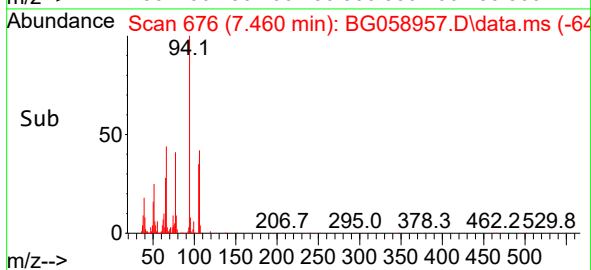
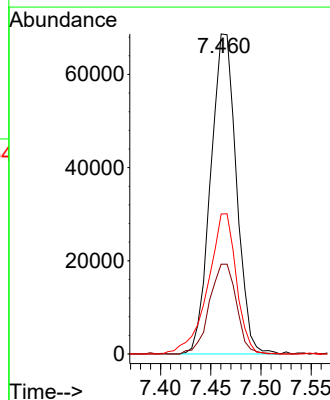
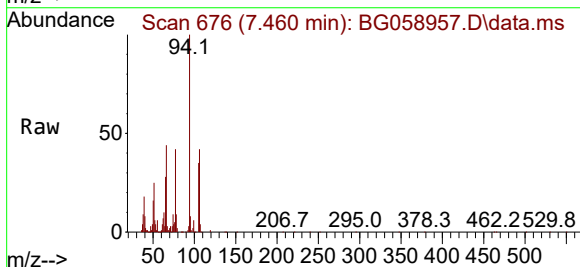
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ClientSampleId :
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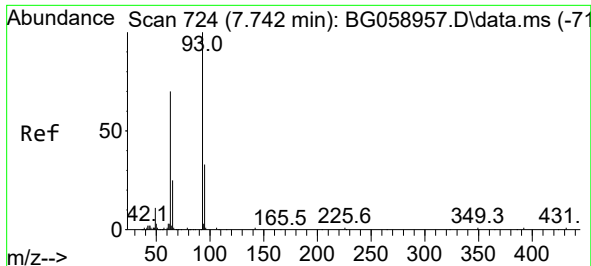
Tgt Ion: 77 Resp: 73393
Ion Ratio Lower Upper
77 100
105 102.0 81.6 122.4
106 105.6 84.5 126.7



#8
Phenol
Concen: 20.621 ng/ul
RT: 7.460 min Scan# 676
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion: 94 Resp: 122718
Ion Ratio Lower Upper
94 100
65 28.0 22.4 33.6
66 43.8 35.0 52.6

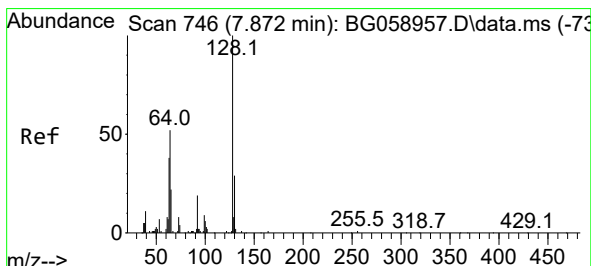
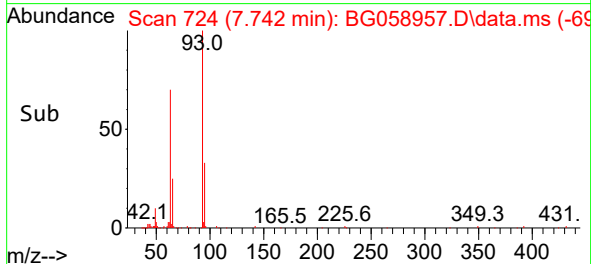
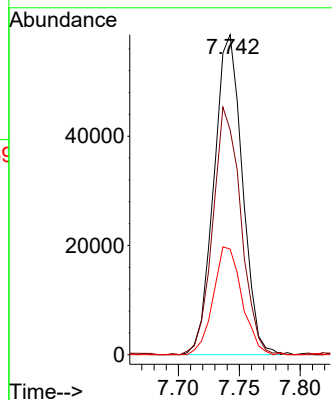
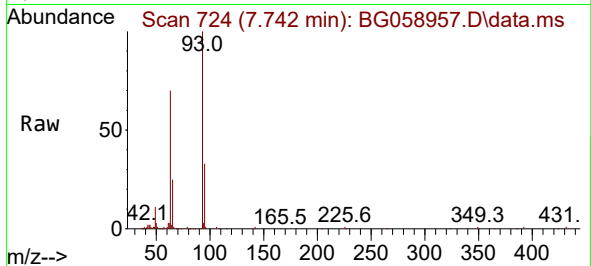




#10
Bis(2-Chloroethyl)ether
Concen: 21.559 ng/ul
RT: 7.742 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

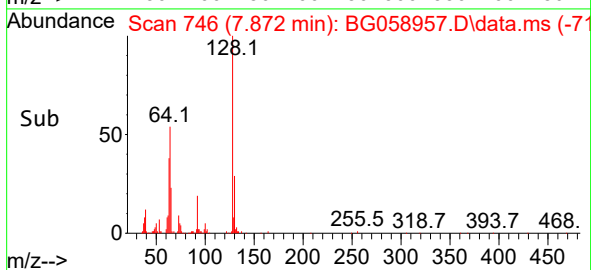
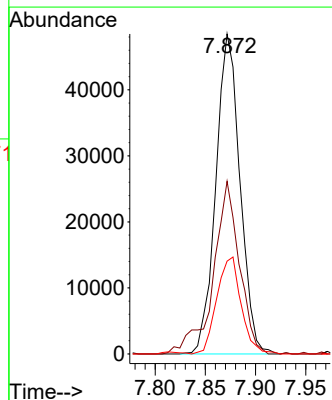
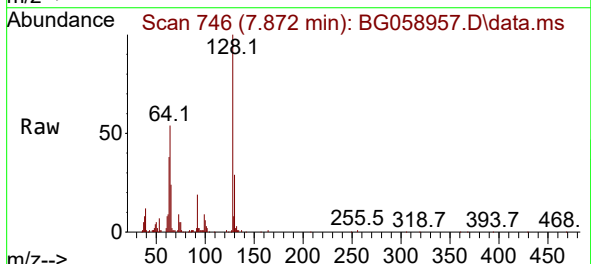
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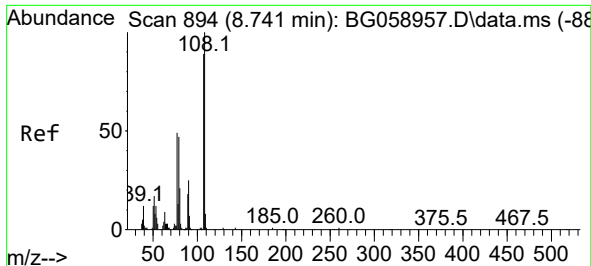
Tgt Ion: 93 Resp: 95152
Ion Ratio Lower Upper
93 100
63 70.3 56.2 84.4
95 33.0 26.4 39.6



#12
2-Chlorophenol
Concen: 23.632 ng/ul
RT: 7.872 min Scan# 746
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:128 Resp: 81107
Ion Ratio Lower Upper
128 100
64 53.9 43.1 64.7
130 29.0 23.2 34.8

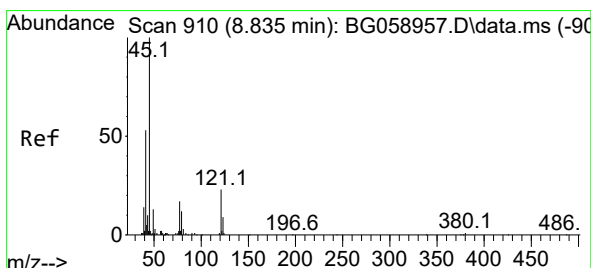
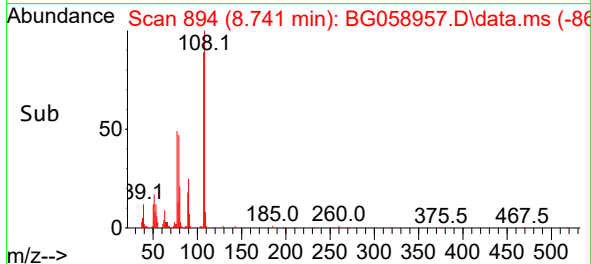
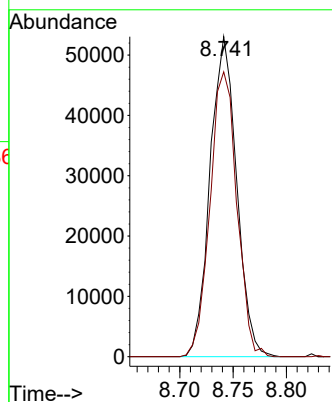
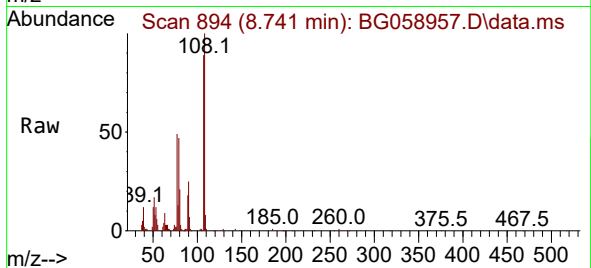




#13
2-Methylphenol
Concen: 20.603 ng/ul
RT: 8.741 min Scan# 894
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

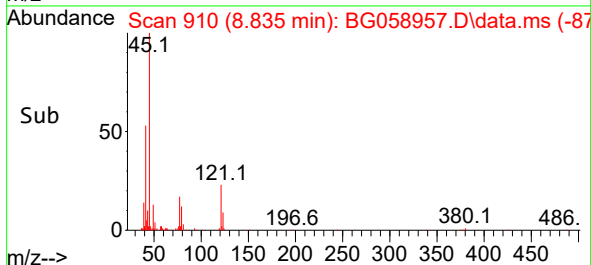
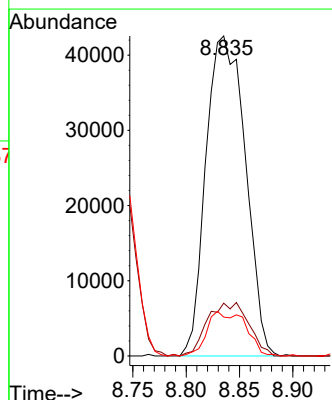
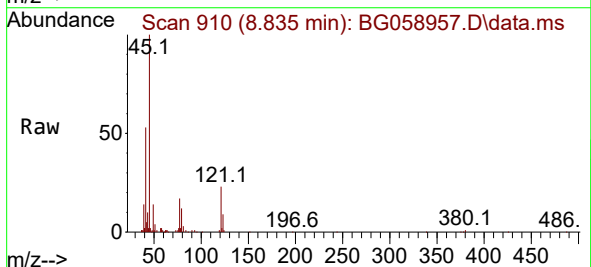
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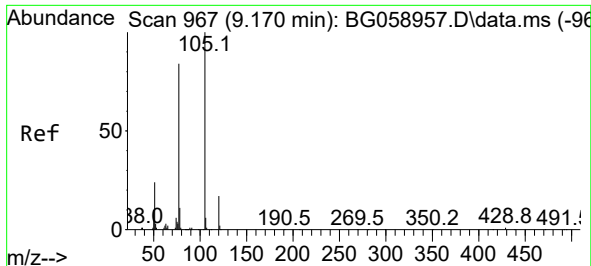
Tgt Ion:108 Resp: 91807
Ion Ratio Lower Upper
108 100
107 89.0 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.533 ng/ul
RT: 8.835 min Scan# 910
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion: 45 Resp: 109379
Ion Ratio Lower Upper
45 100
77 16.5 13.2 19.8
79 12.2 9.8 14.6

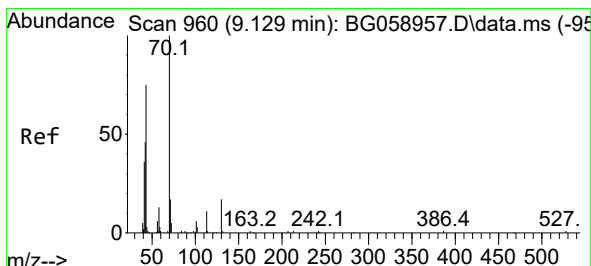
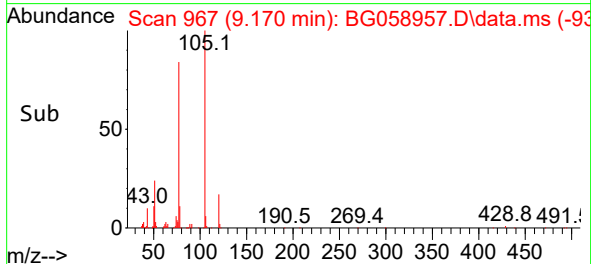
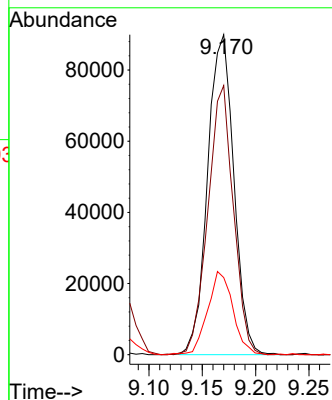
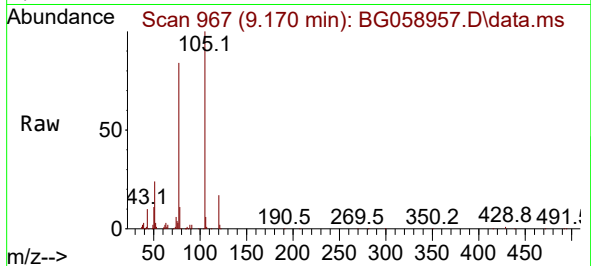




#16
Acetophenone
Concen: 19.500 ng/ul
RT: 9.170 min Scan# 967
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

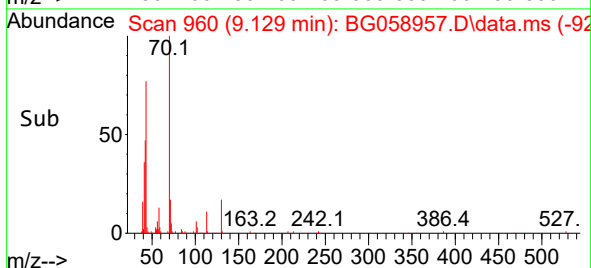
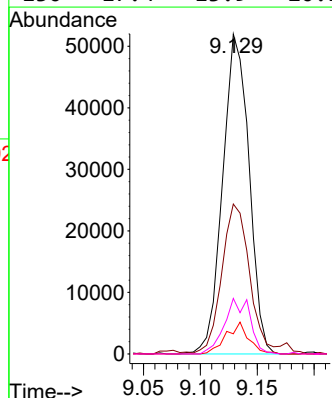
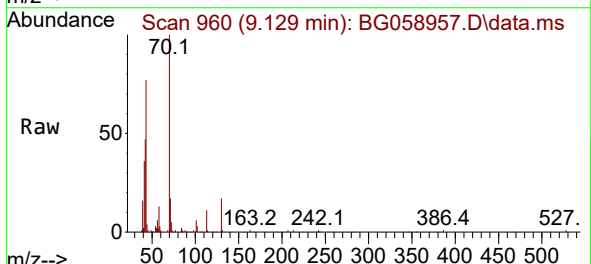
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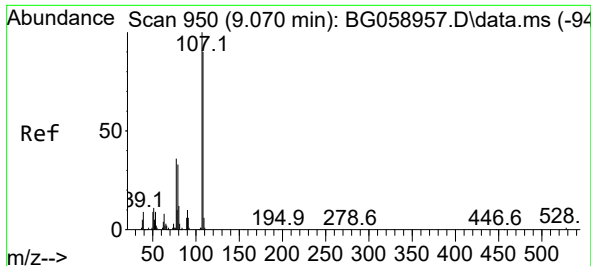
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Ion Ratio Lower Upper
105 100
77 84.1 67.3 100.9
51 24.1 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 20.326 ng/ul
RT: 9.129 min Scan# 960
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion: 70 Resp: 83839
Ion Ratio Lower Upper
70 100
42 46.9 37.5 56.3
101 6.3 5.0 7.6
130 17.4 13.9 20.9

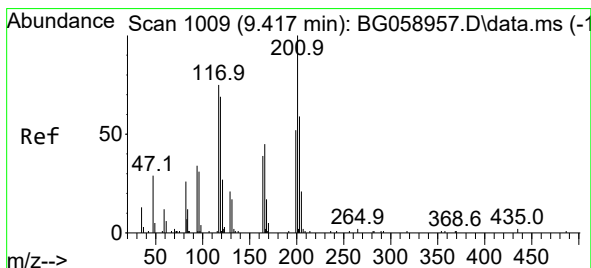
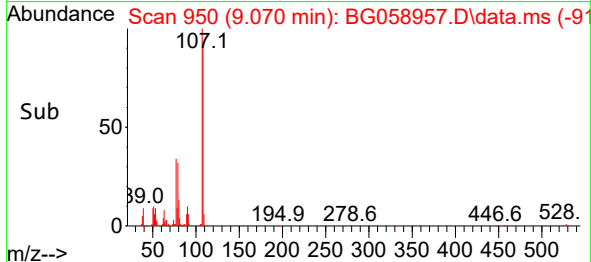
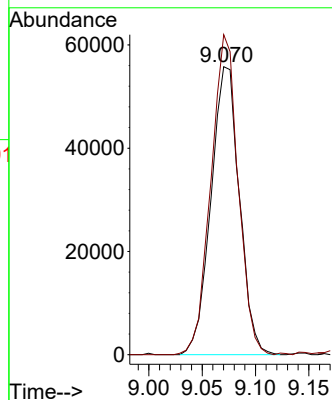
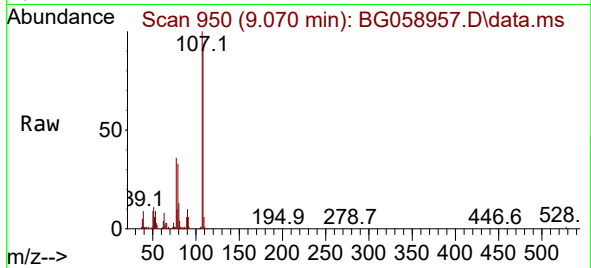




#18
4-Methylphenol
Concen: 21.205 ng/ul
RT: 9.070 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

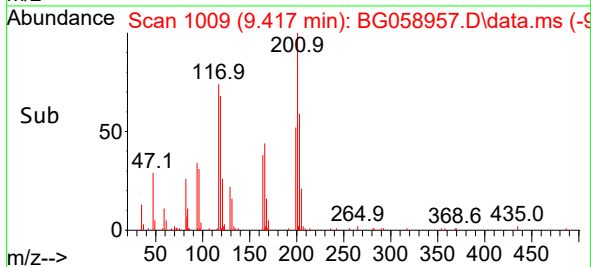
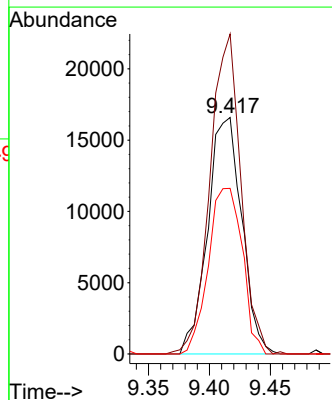
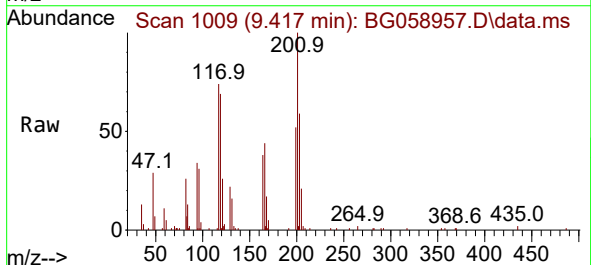
Instrument :
BNA_G
ClientSampleId :
SSTD020409

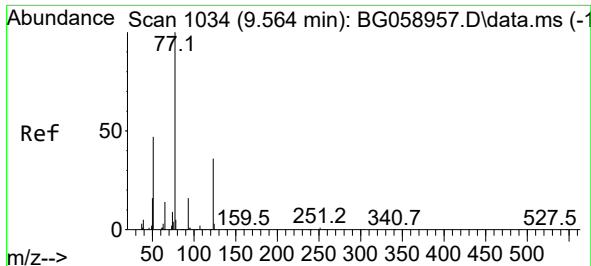
Tgt Ion:108 Resp: 103397
Ion Ratio Lower Upper
108 100
107 111.1 88.9 133.3



#19
Hexachloroethane
Concen: 23.026 ng/ul
RT: 9.417 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:117 Resp: 32255
Ion Ratio Lower Upper
117 100
201 135.3 108.2 162.4
199 70.0 56.0 84.0

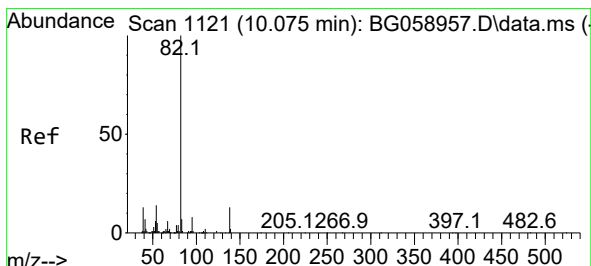
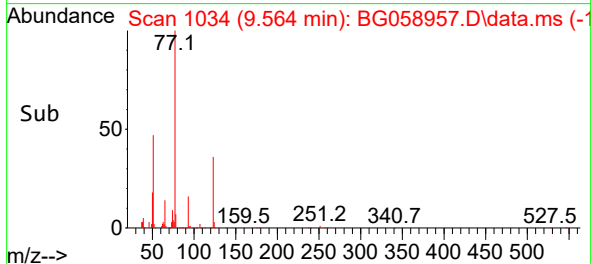
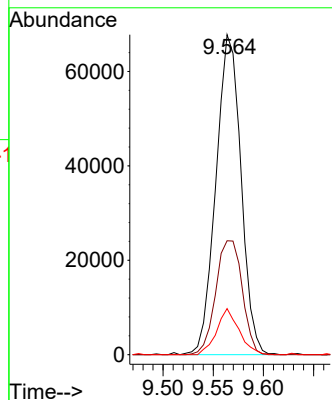
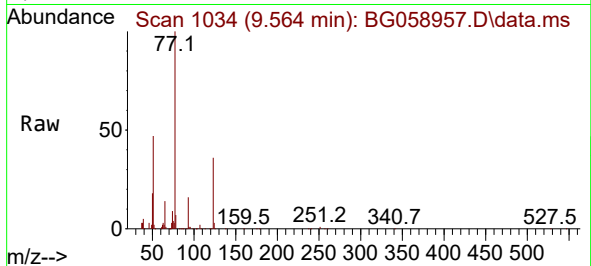




#22
Nitrobenzene
Concen: 21.567 ng/ul
RT: 9.564 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

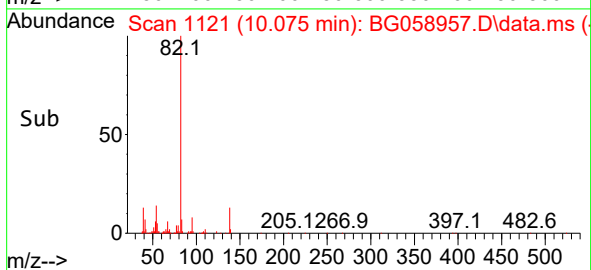
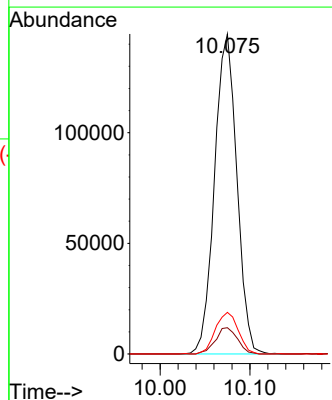
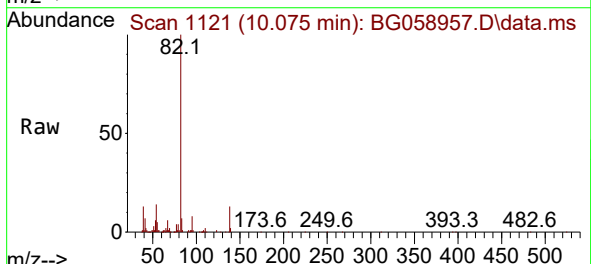
Instrument :
BNA_G
ClientSampleId :
SSTD020409

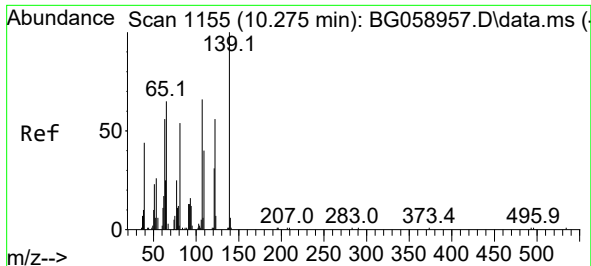
Tgt Ion: 77 Resp: 117619
Ion Ratio Lower Upper
77 100
123 35.6 28.5 42.7
65 14.4 11.5 17.3



#23
Isophorone
Concen: 18.331 ng/ul
RT: 10.075 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion: 82 Resp: 249429
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 13.0 10.4 15.6

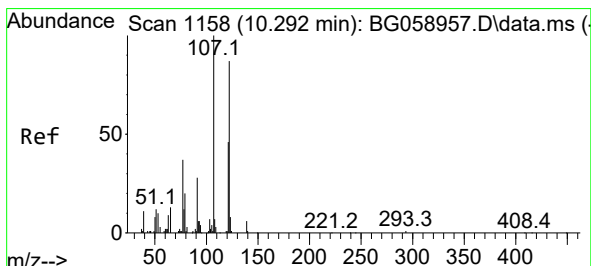
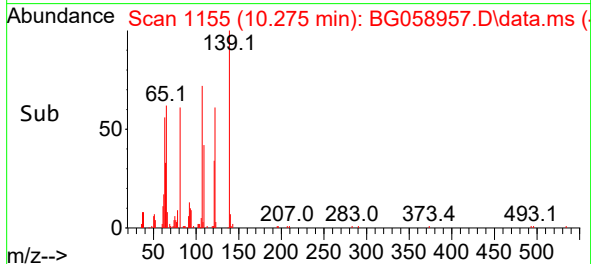
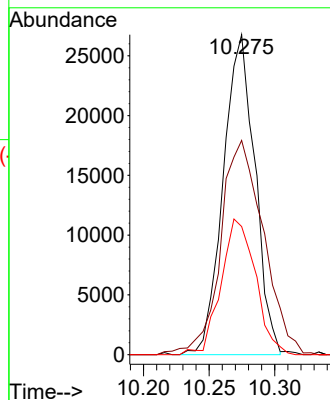
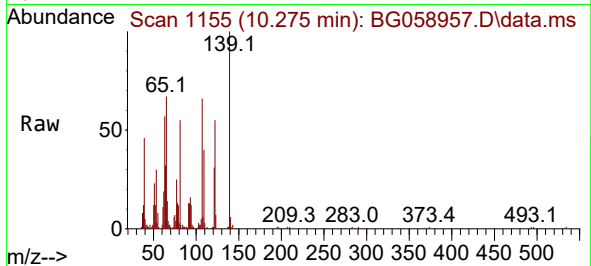




#25
2-Nitrophenol
Concen: 23.857 ng/ul
RT: 10.275 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

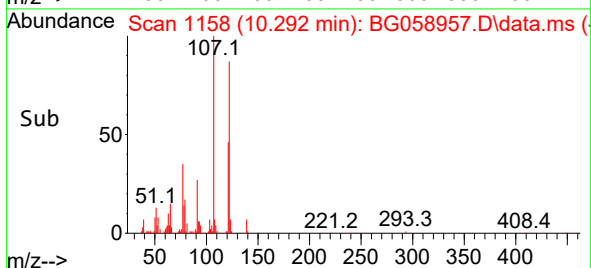
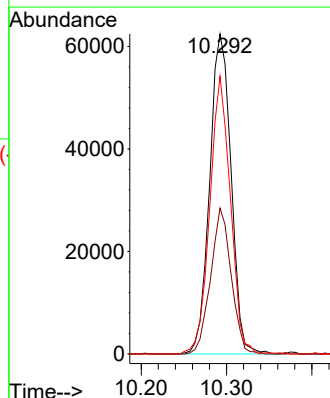
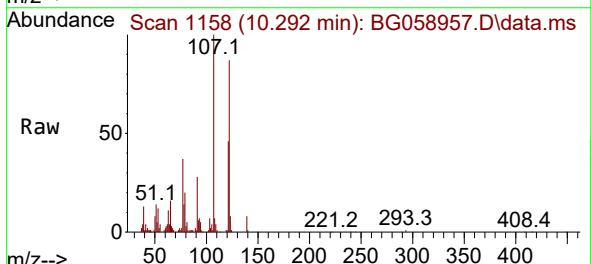
Instrument :
BNA_G
ClientSampleId :
SSTD020409

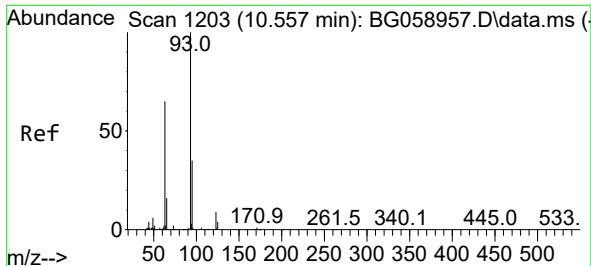
Tgt Ion:139 Resp: 44952
Ion Ratio Lower Upper
139 100
65 66.9 53.5 80.3
109 40.0 32.0 48.0



#26
2,4-Dimethylphenol
Concen: 18.558 ng/ul
RT: 10.292 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:107 Resp: 108715
Ion Ratio Lower Upper
107 100
121 45.5 36.4 54.6
122 86.7 69.4 104.0

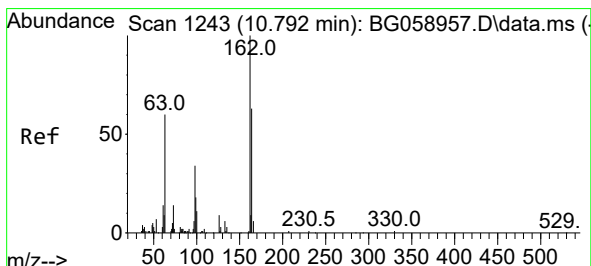
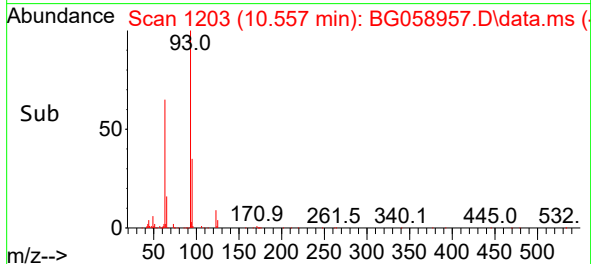
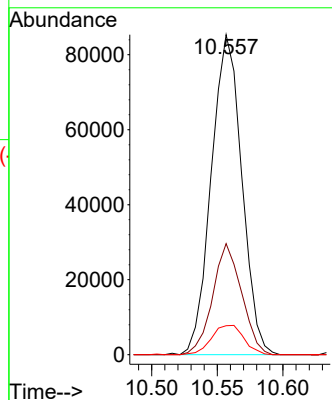
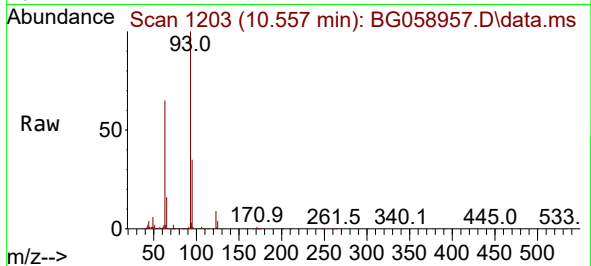




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.580 ng/ul
 RT: 10.557 min Scan# 1203
 Delta R.T. 0.000 min
 Lab File: BG058957.D
 Acq: 10 Sep 2023 18:10

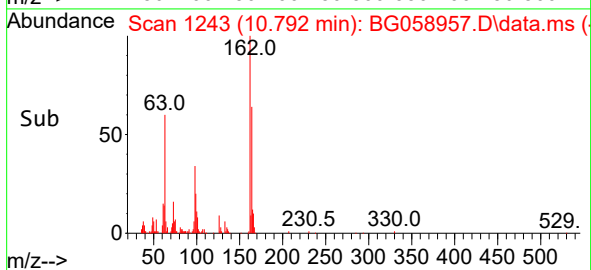
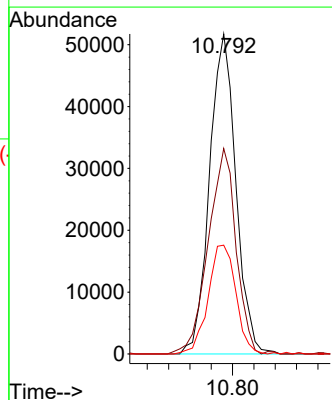
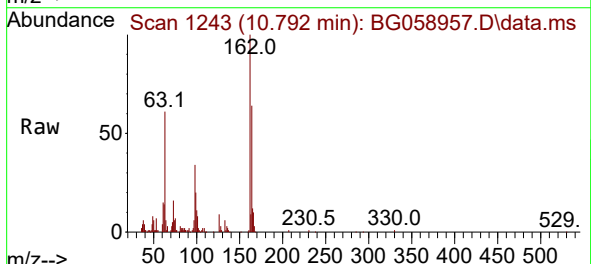
Instrument :
 BNA_G
 ClientSampleId :
 SST020409

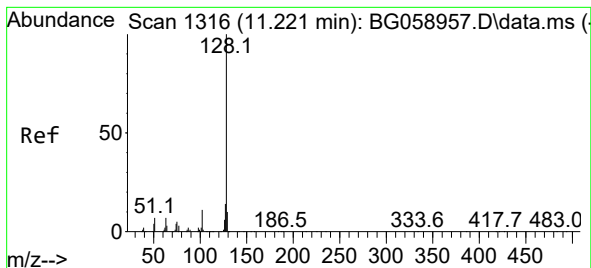
Tgt Ion:	93	Resp:	137969
Ion	Ratio	Lower	Upper
93	100		
95	34.7	27.8	41.6
123	9.1	7.3	10.9



#29
 2,4-Dichlorophenol
 Concen: 18.460 ng/ul
 RT: 10.792 min Scan# 1243
 Delta R.T. 0.000 min
 Lab File: BG058957.D
 Acq: 10 Sep 2023 18:10

Tgt Ion:	162	Resp:	88677
Ion	Ratio	Lower	Upper
162	100		
164	64.2	51.4	77.0
98	34.0	27.2	40.8

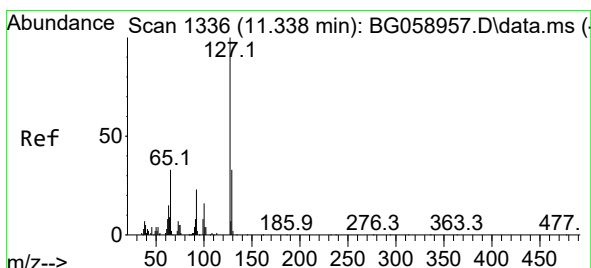
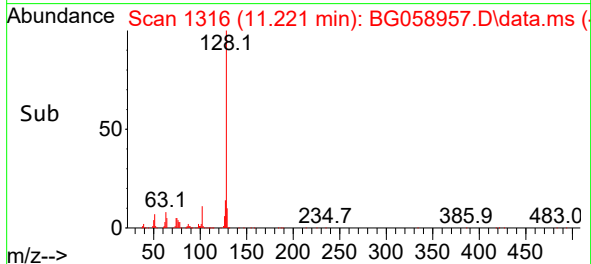
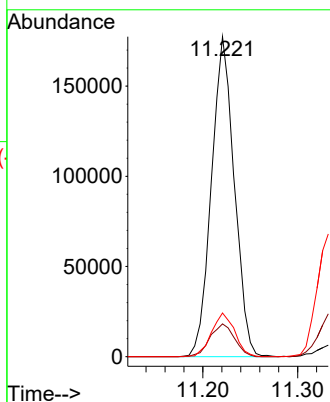
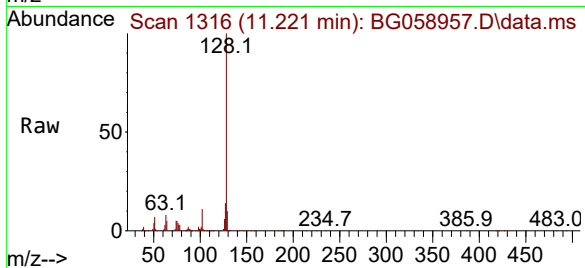




#30
Naphthalene
Concen: 20.305 ng/ul
RT: 11.221 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

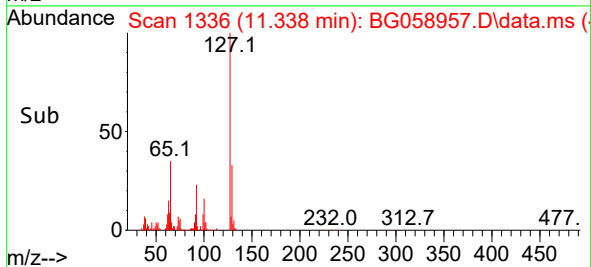
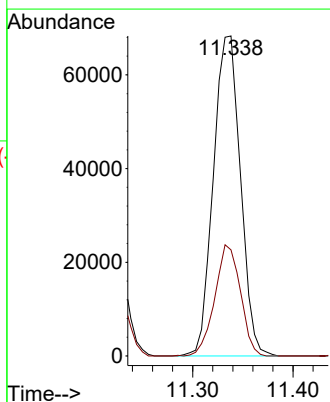
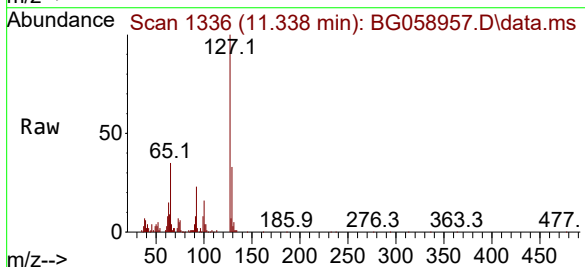
Instrument :
BNA_G
ClientSampleId :
SSTD020409

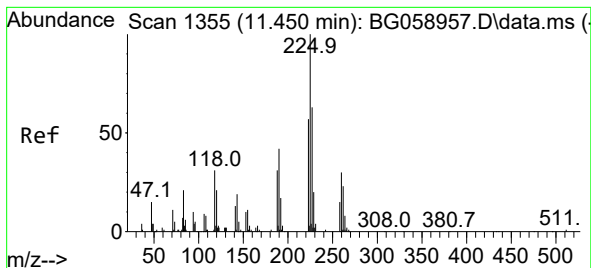
Tgt Ion:128 Resp: 296951
Ion Ratio Lower Upper
128 100
129 10.2 8.2 12.2
127 13.6 10.9 16.3



#32
4-Chloroaniline
Concen: 20.749 ng/ul
RT: 11.338 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:127 Resp: 127933
Ion Ratio Lower Upper
127 100
129 33.2 26.6 39.8





#33

Hexachlorobutadiene

Concen: 15.192 ng/ul

RT: 11.450 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

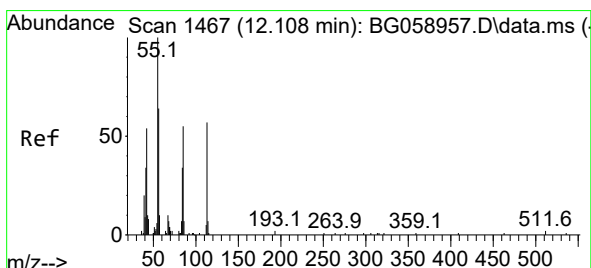
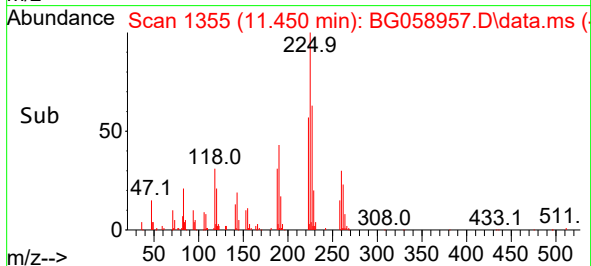
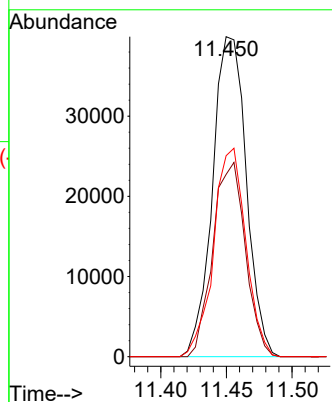
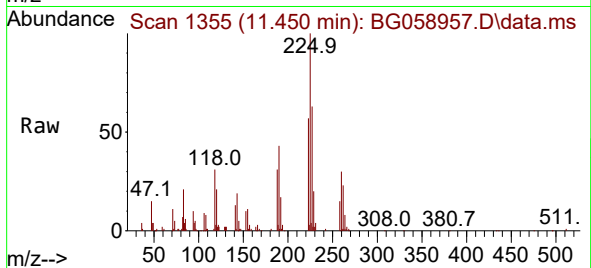
Tgt Ion:225 Resp: 71471

Ion Ratio Lower Upper

225 100

223 56.9 45.5 68.3

227 62.8 50.2 75.4



#34

Caprolactam

Concen: 19.698 ng/ul

RT: 12.108 min Scan# 1467

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

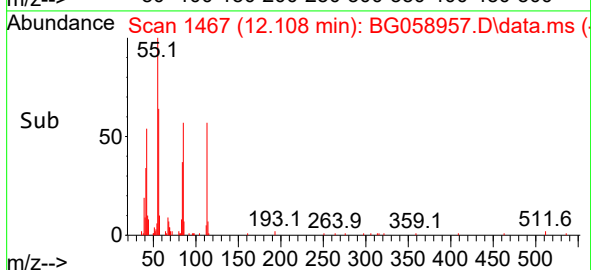
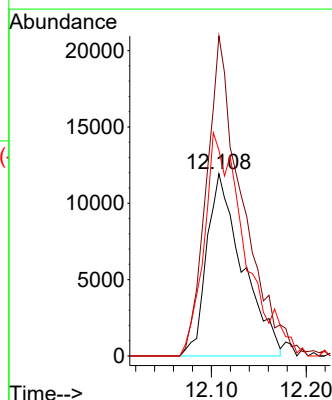
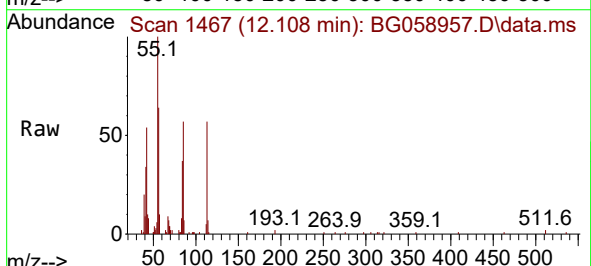
Tgt Ion:113 Resp: 31302

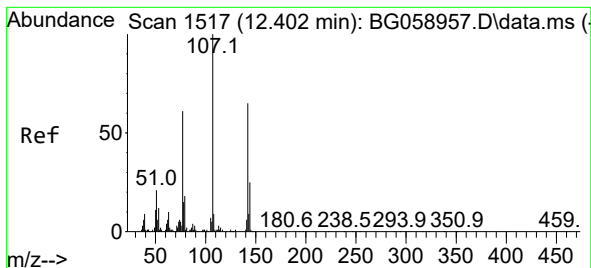
Ion Ratio Lower Upper

113 100

55 175.6 140.5 210.7

56 113.0 90.4 135.6

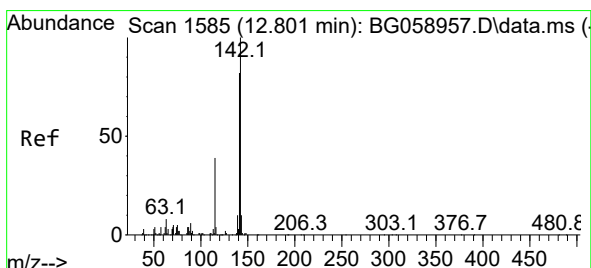
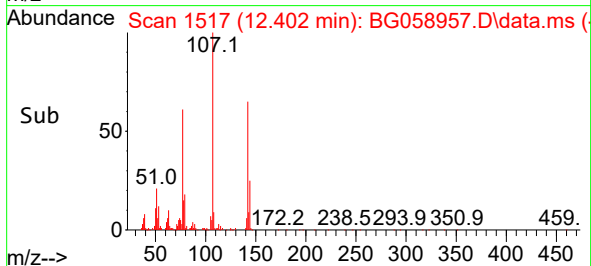
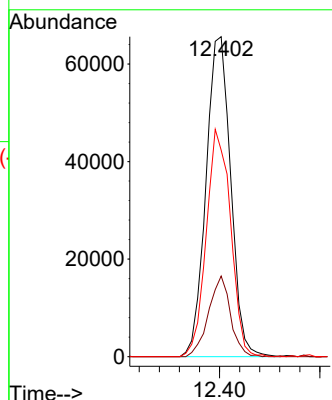
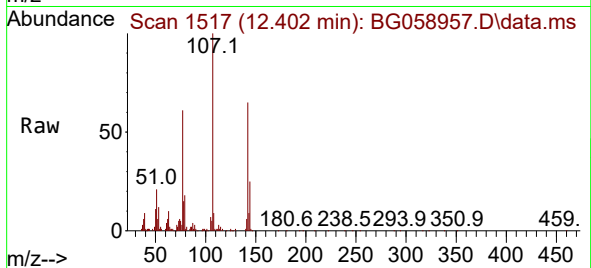




#35
 4-Chloro-3-methylphenol
 Concen: 19.912 ng/ul
 RT: 12.402 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: BG058957.D
 Acq: 10 Sep 2023 18:10

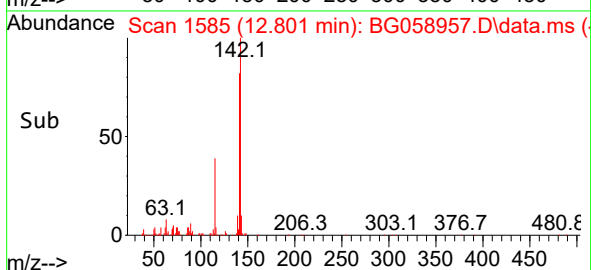
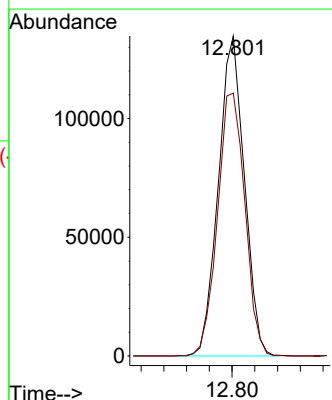
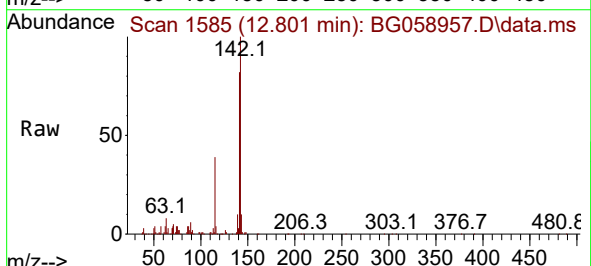
Instrument :
 BNA_G
 ClientSampleId :
 SST020409

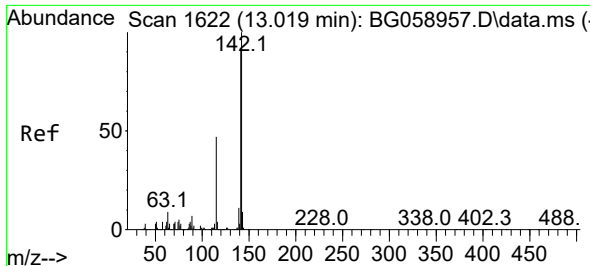
Tgt Ion:107 Resp: 112386
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 64.5 51.6 77.4



#36
 2-Methylnaphthalene
 Concen: 19.320 ng/ul
 RT: 12.801 min Scan# 1585
 Delta R.T. 0.000 min
 Lab File: BG058957.D
 Acq: 10 Sep 2023 18:10

Tgt Ion:142 Resp: 213883
 Ion Ratio Lower Upper
 142 100
 141 82.1 65.7 98.5





#37

1-Methylnaphthalene

Concen: 19.118 ng/ul

RT: 13.019 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

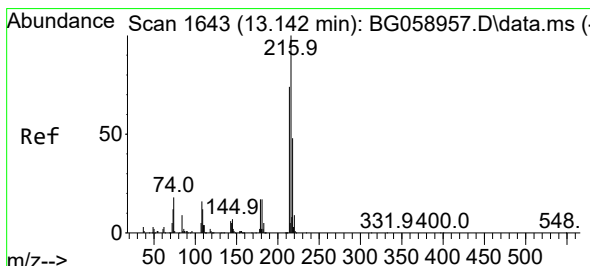
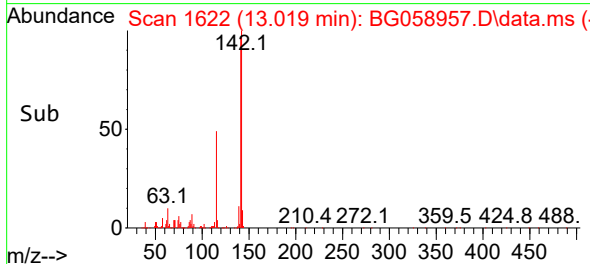
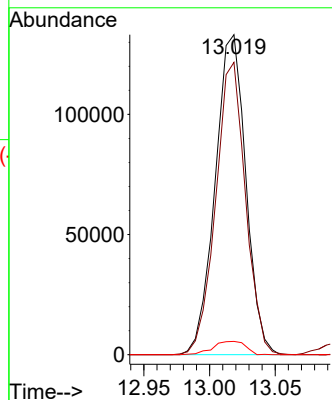
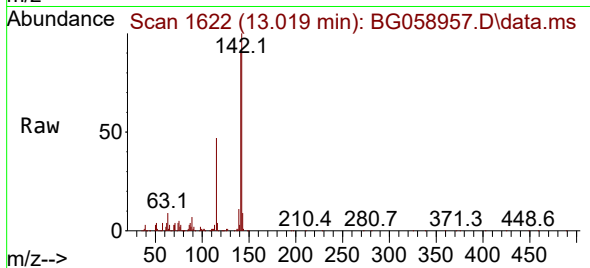
Tgt Ion:142 Resp: 216478

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

116 4.2 3.4 5.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.290 ng/ul

RT: 13.142 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Tgt Ion:216 Resp: 133175

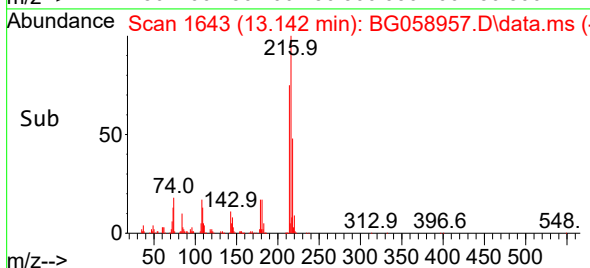
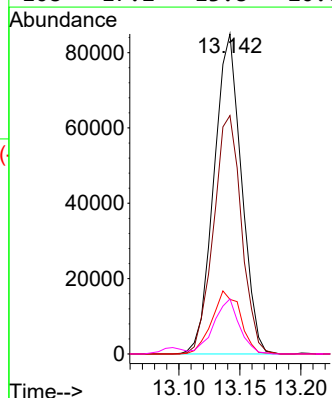
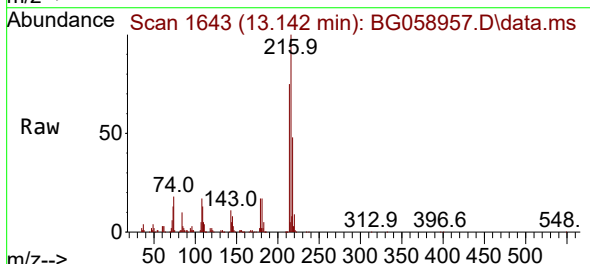
Ion Ratio Lower Upper

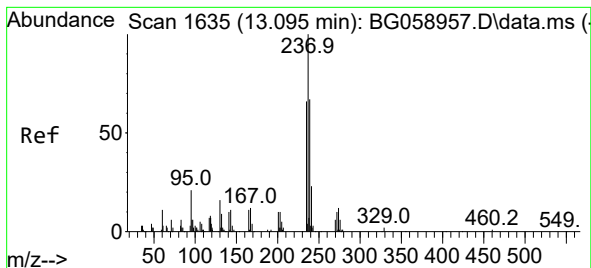
216 100

214 74.5 59.6 89.4

179 17.0 13.6 20.4

108 17.2 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 14.607 ng/ul

RT: 13.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

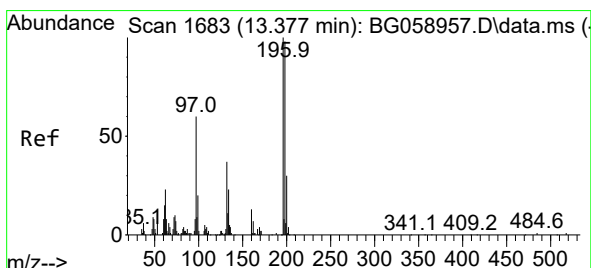
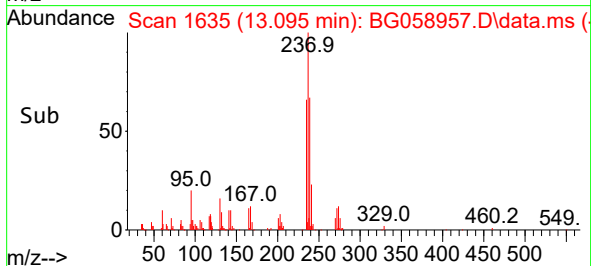
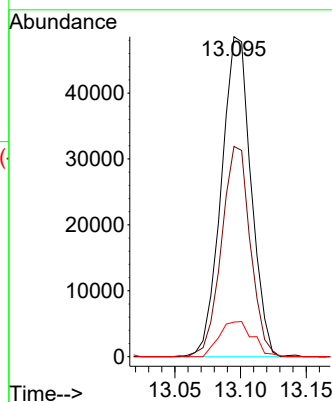
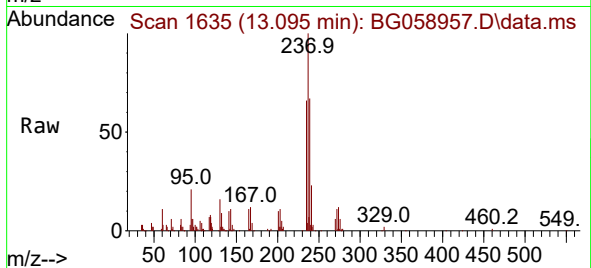
Tgt Ion:237 Resp: 76545

Ion Ratio Lower Upper

237 100

235 65.7 52.6 78.8

272 10.8 8.6 13.0



#41

2,4,6-Trichlorophenol

Concen: 20.169 ng/ul

RT: 13.377 min Scan# 1683

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

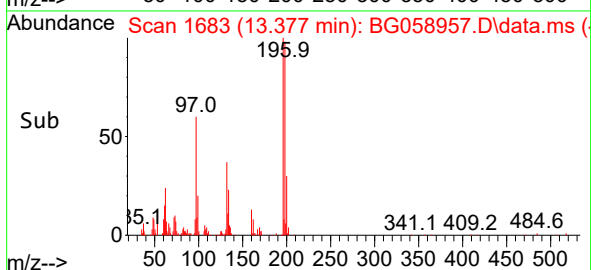
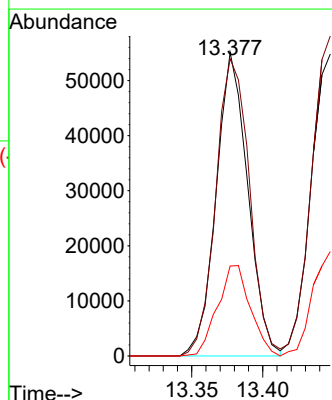
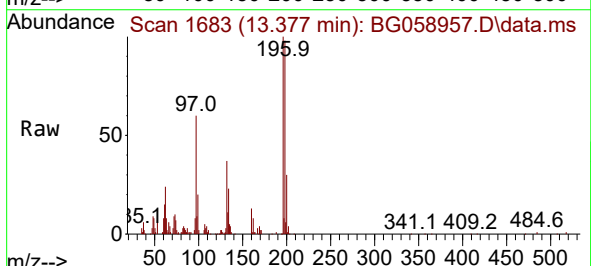
Tgt Ion:196 Resp: 85338

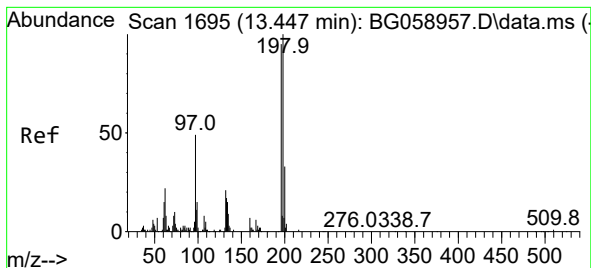
Ion Ratio Lower Upper

196 100

198 97.9 78.3 117.5

200 29.6 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 19.899 ng/ul

RT: 13.447 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

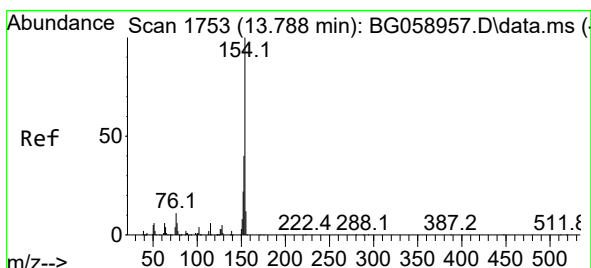
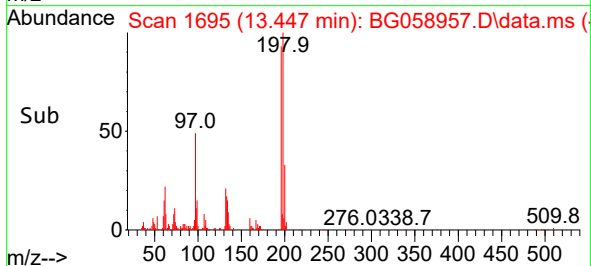
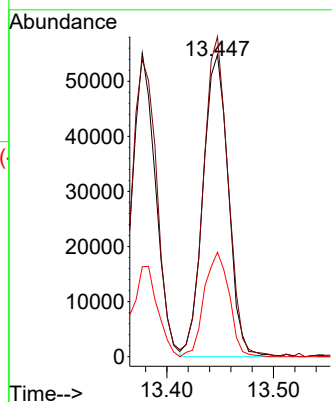
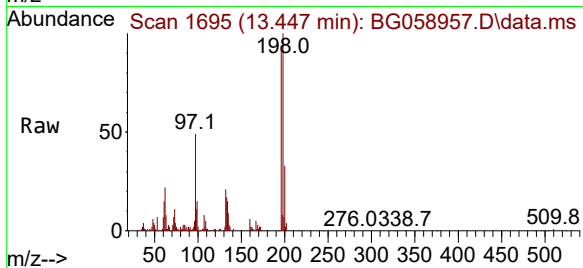
Tgt Ion:196 Resp: 90271

Ion Ratio Lower Upper

196 100

198 106.0 84.8 127.2

200 34.6 27.7 41.5



#43

1,1'-Biphenyl

Concen: 22.839 ng/ul

RT: 13.788 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

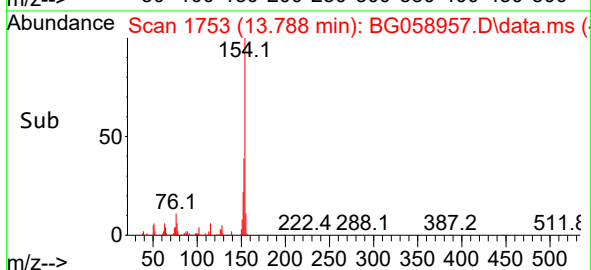
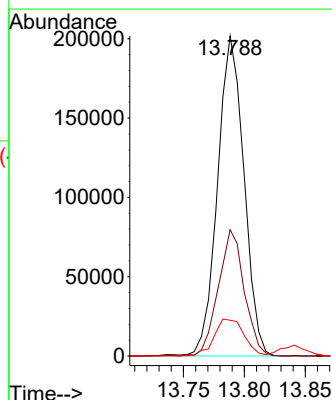
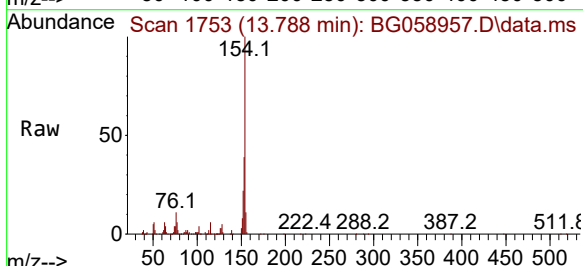
Tgt Ion:154 Resp: 303250

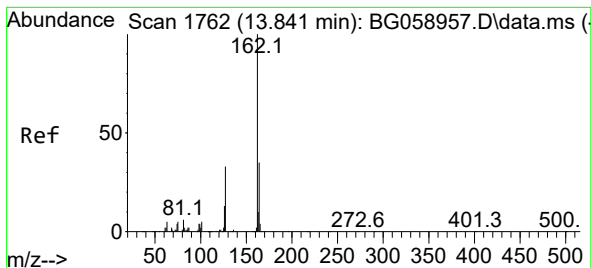
Ion Ratio Lower Upper

154 100

153 39.5 31.6 47.4

76 11.2 9.0 13.4





#44

2-Chloronaphthalene

Concen: 22.287 ng/ul

RT: 13.841 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

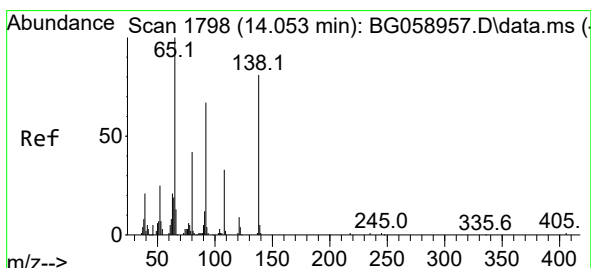
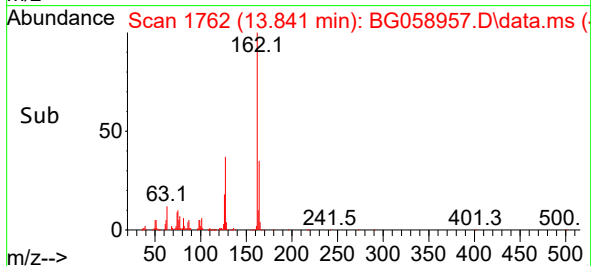
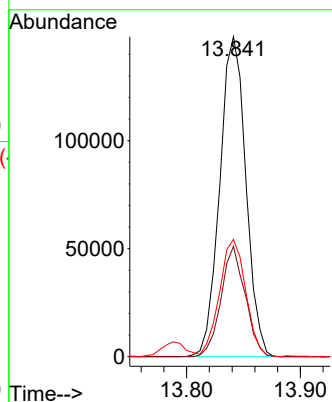
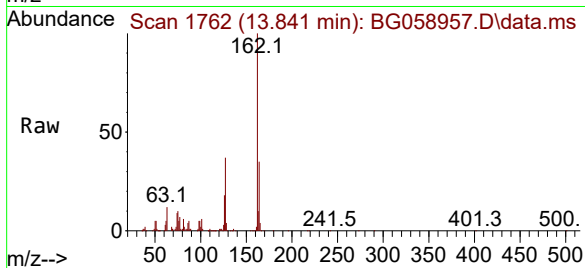
Tgt Ion:162 Resp: 236004

Ion Ratio Lower Upper

162 100

164 34.5 27.6 41.4

127 36.7 29.4 44.0



#45

2-Nitroaniline

Concen: 29.831 ng/ul

RT: 14.053 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

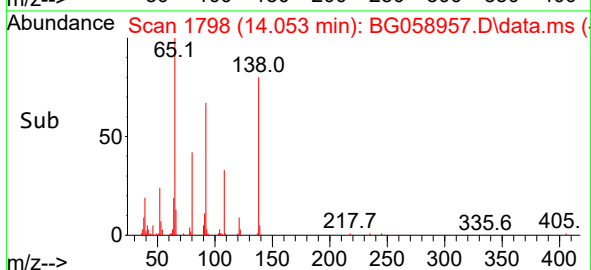
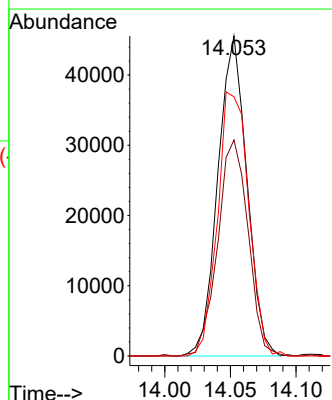
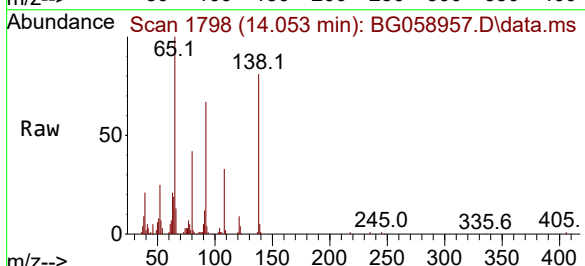
Tgt Ion: 65 Resp: 69847

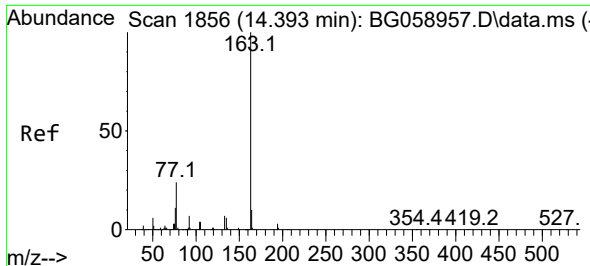
Ion Ratio Lower Upper

65 100

92 67.5 54.0 81.0

138 81.0 64.8 97.2

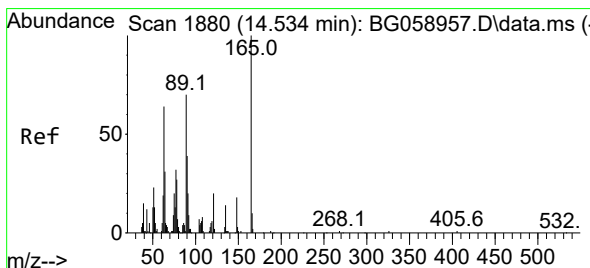
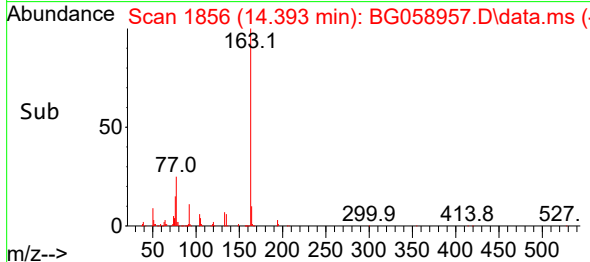
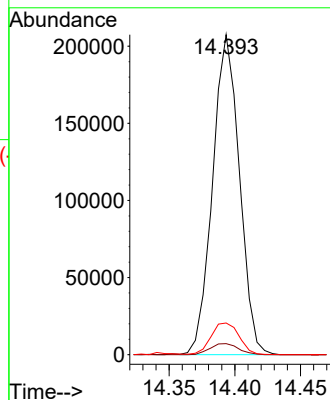
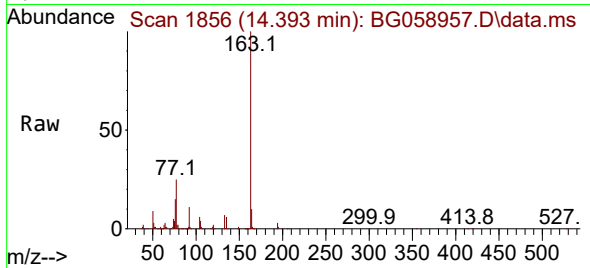




#47
Dimethylphthalate
Concen: 19.263 ng/ul
RT: 14.393 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

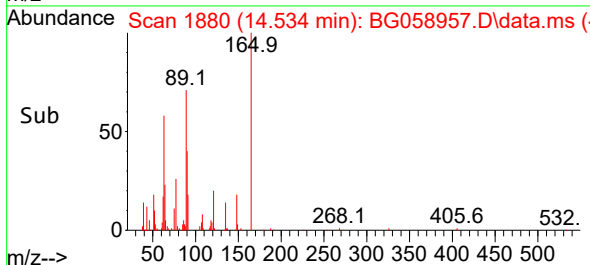
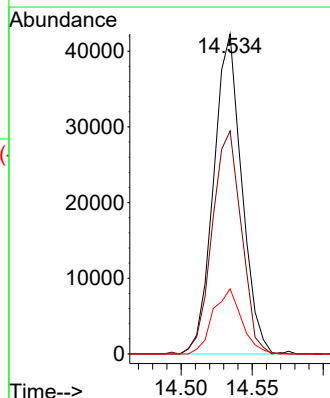
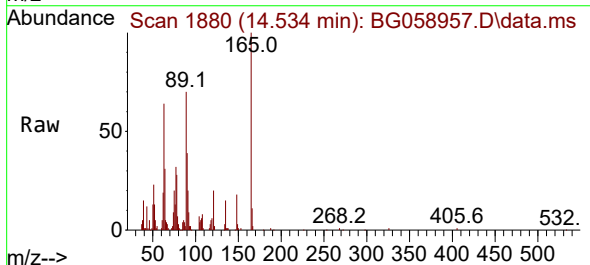
Instrument :
BNA_G
ClientSampleId :
SSTD020409

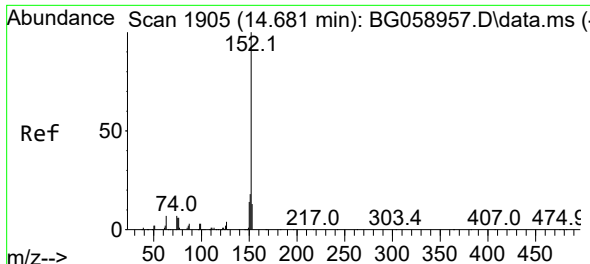
Tgt Ion:163 Resp: 295023
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 26.775 ng/ul
RT: 14.534 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:165 Resp: 58203
Ion Ratio Lower Upper
165 100
89 69.7 55.8 83.6
121 20.4 16.3 24.5

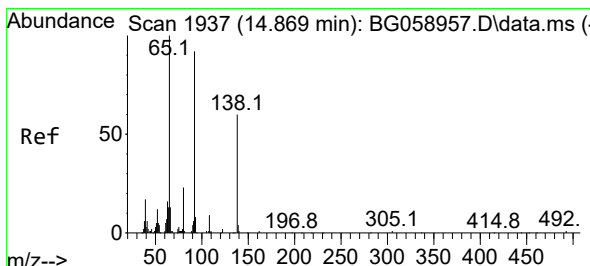
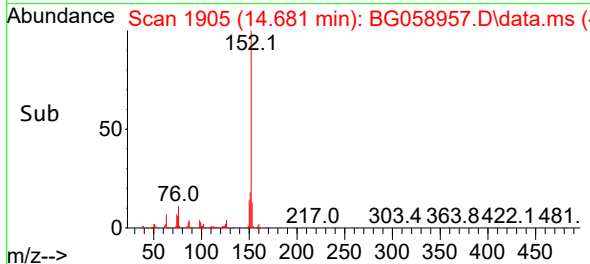
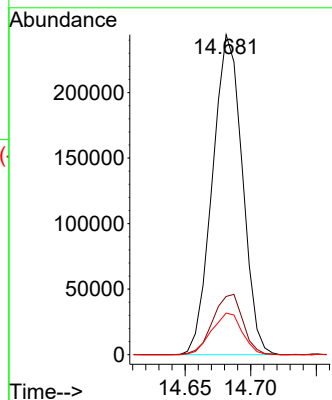
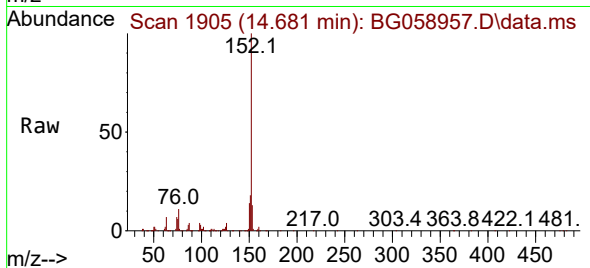




#50
Acenaphthylene
Concen: 21.244 ng/ul
RT: 14.681 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

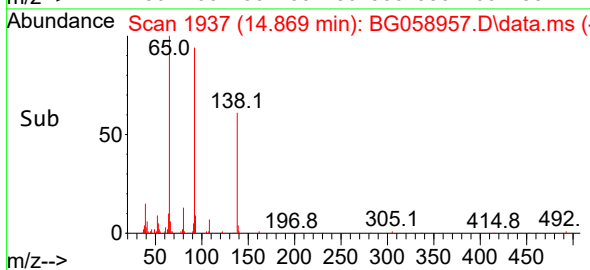
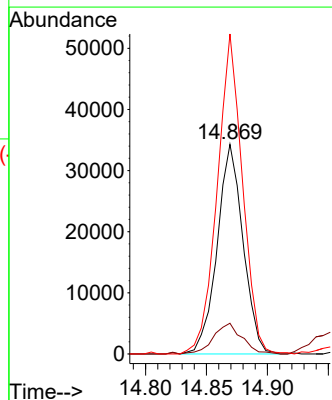
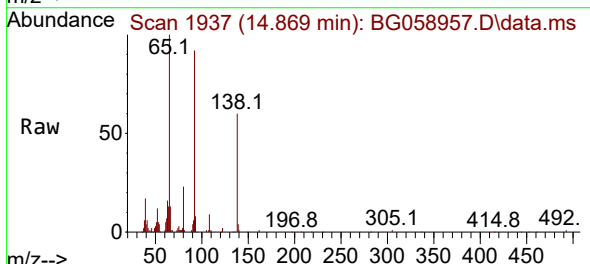
Instrument :
BNA_G
ClientSampleId :
SSTD020409

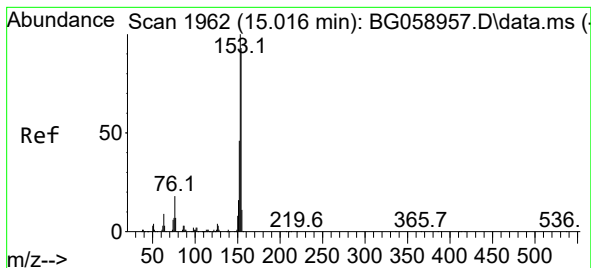
Tgt Ion:152 Resp: 386001
Ion Ratio Lower Upper
152 100
151 18.2 14.6 21.8
153 13.0 10.4 15.6



#51
3-Nitroaniline
Concen: 23.123 ng/ul
RT: 14.869 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:138 Resp: 50650
Ion Ratio Lower Upper
138 100
108 14.7 11.8 17.6
92 152.7 122.2 183.2





#52

Acenaphthene

Concen: 21.485 ng/ul

RT: 15.016 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

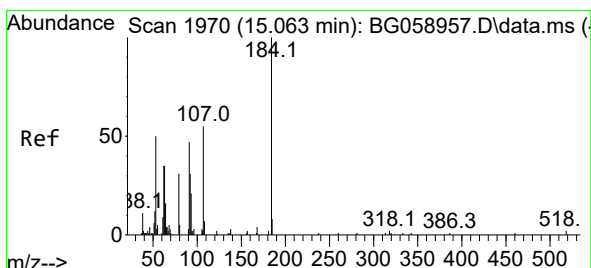
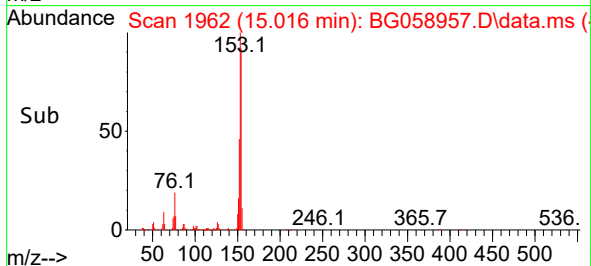
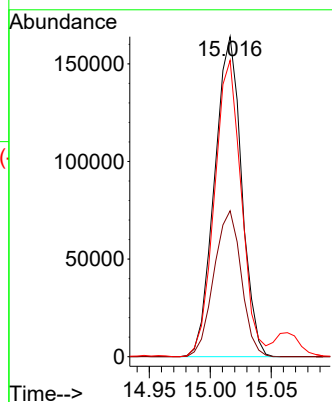
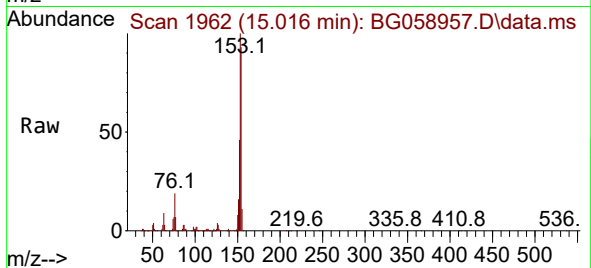
Tgt Ion:153 Resp: 254171

Ion Ratio Lower Upper

153 100

152 45.6 36.5 54.7

154 92.6 74.1 111.1



#53

2,4-Dinitrophenol

Concen: 14.814 ng/ul

RT: 15.063 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

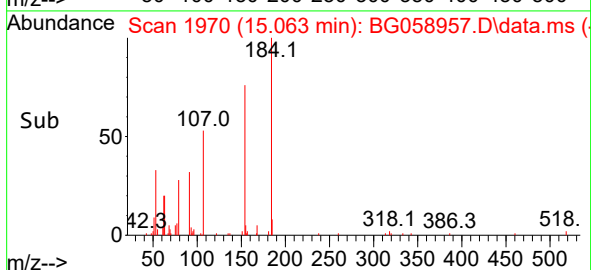
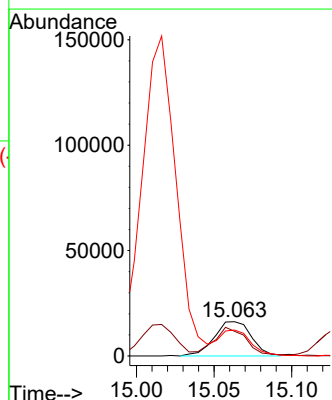
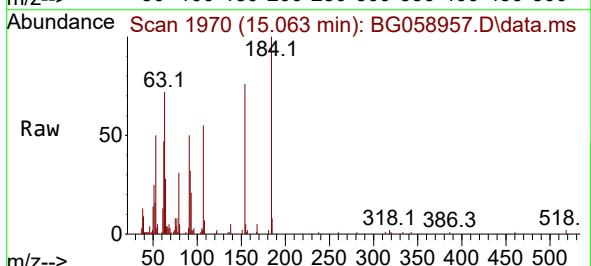
Tgt Ion:184 Resp: 27242

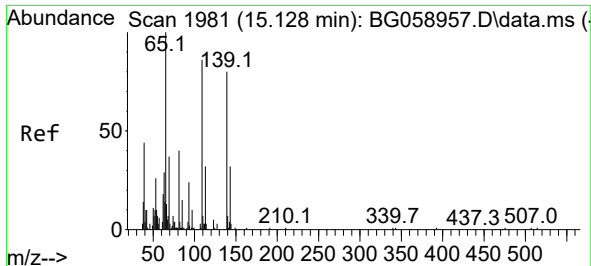
Ion Ratio Lower Upper

184 100

63 72.1 57.7 86.5

154 75.9 60.7 91.1

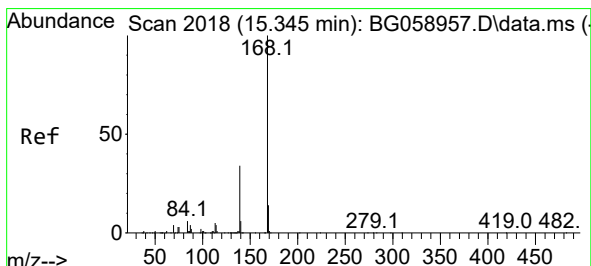
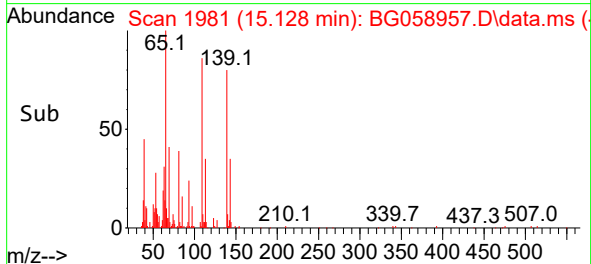
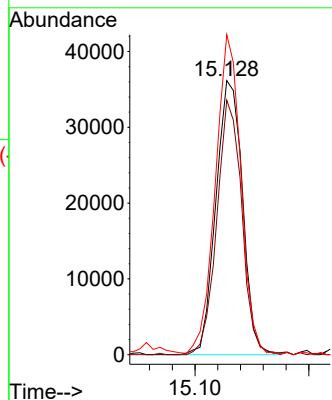
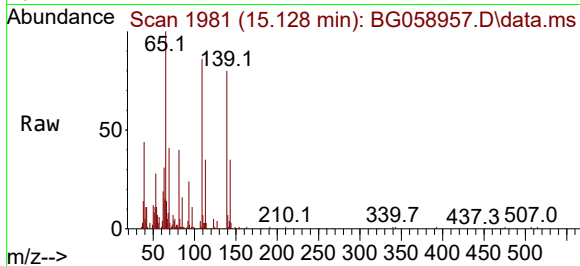




#55
4-Nitrophenol
Concen: 23.595 ng/ul
RT: 15.128 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

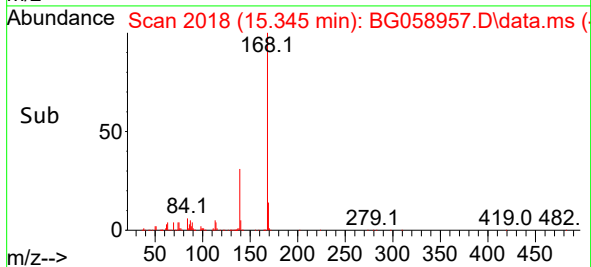
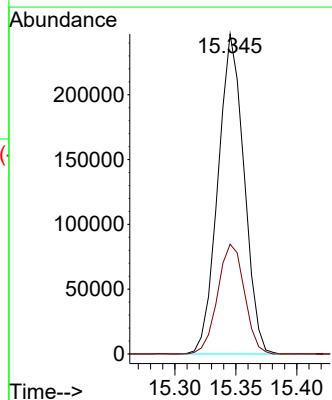
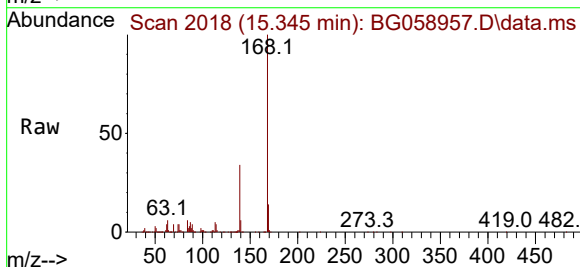
Instrument :
BNA_G
ClientSampleId :
SSTD020409

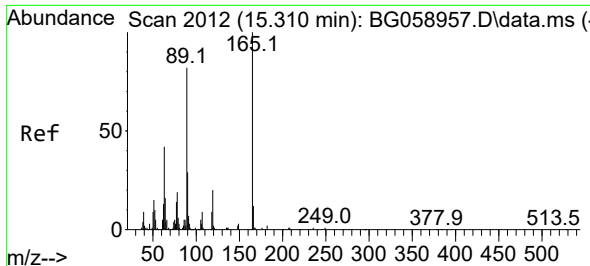
Tgt Ion:109 Resp: 58733
Ion Ratio Lower Upper
109 100
139 92.9 74.3 111.5
65 116.7 93.4 140.0



#56
Dibenzofuran
Concen: 20.797 ng/ul
RT: 15.345 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:168 Resp: 367276
Ion Ratio Lower Upper
168 100
139 34.3 27.4 41.2

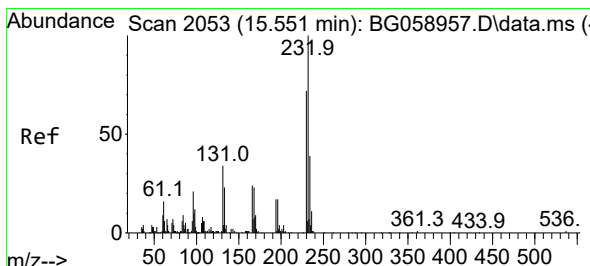
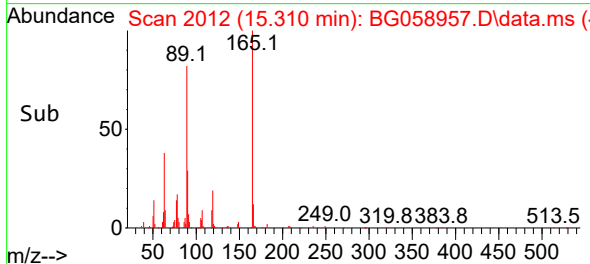
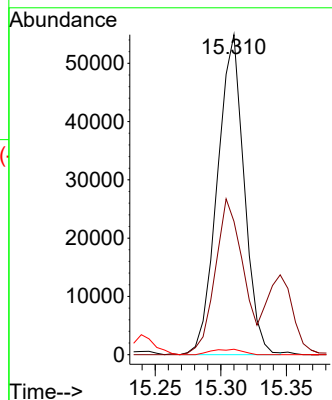
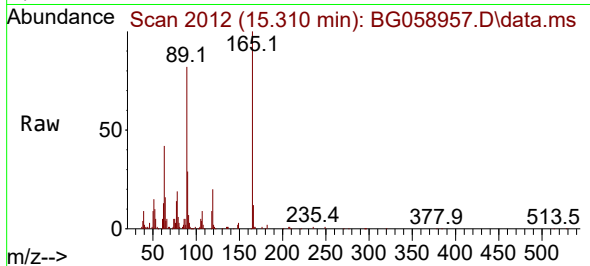




#57
2,4-Dinitrotoluene
Concen: 24.862 ng/ul
RT: 15.310 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

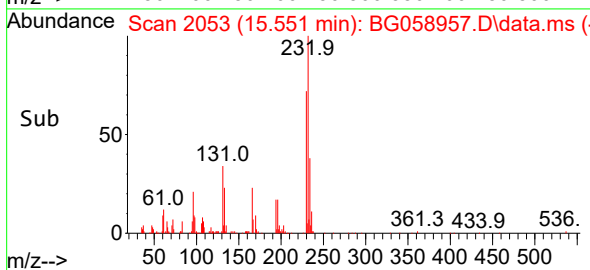
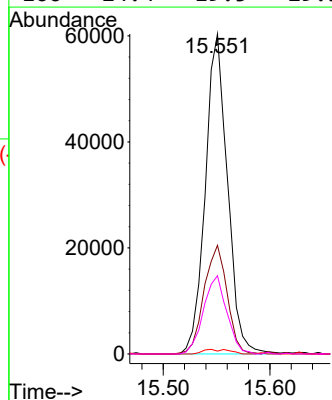
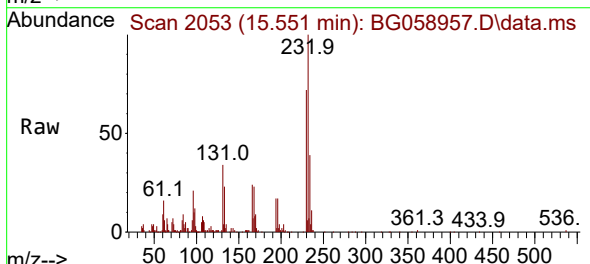
Instrument :
BNA_G
ClientSampleId :
SSTD020409

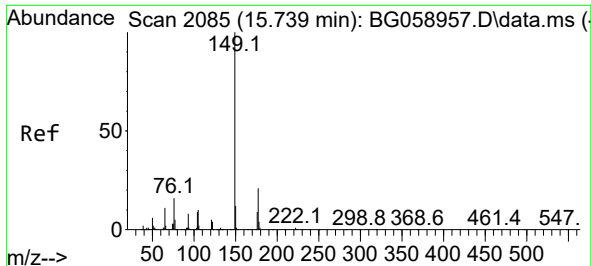
Tgt Ion:165 Resp: 77962
Ion Ratio Lower Upper
165 100
63 41.6 33.3 49.9
182 1.7 1.4 2.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.183 ng/ul
RT: 15.551 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:232 Resp: 87154
Ion Ratio Lower Upper
232 100
131 33.9 27.1 40.7
130 0.9 0.7 1.1
166 24.4 19.5 29.3

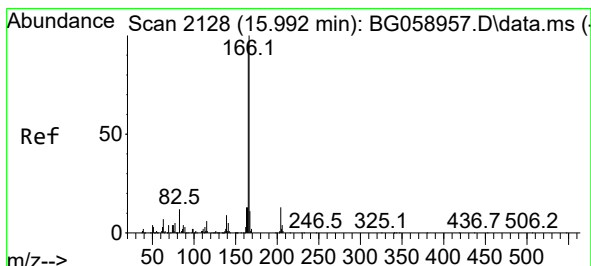
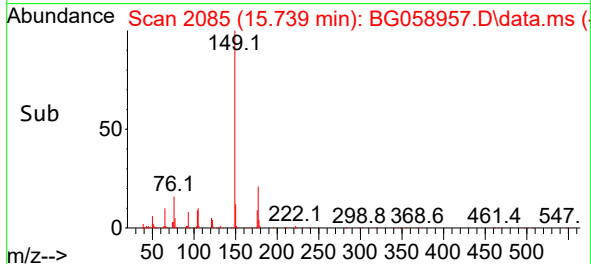
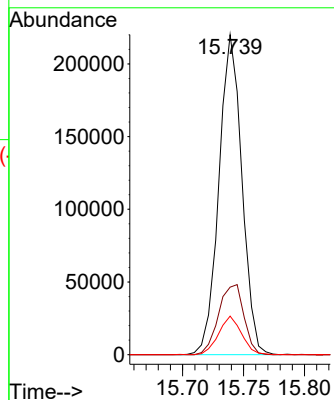
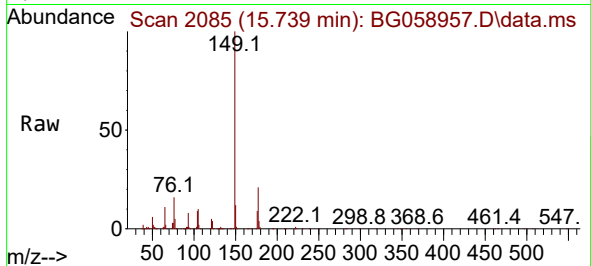




#59
Diethylphthalate
Concen: 21.011 ng/ul
RT: 15.739 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

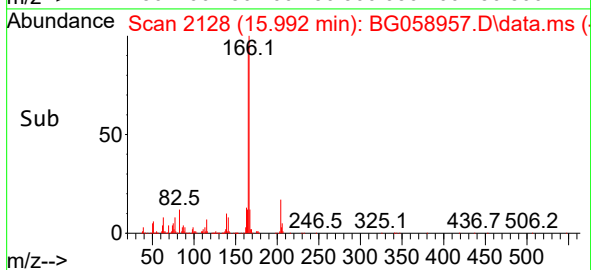
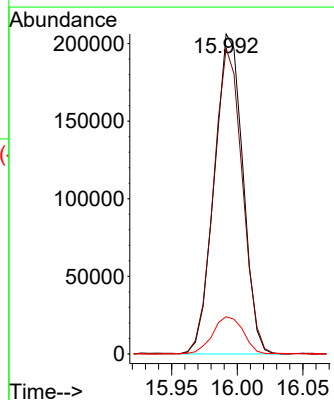
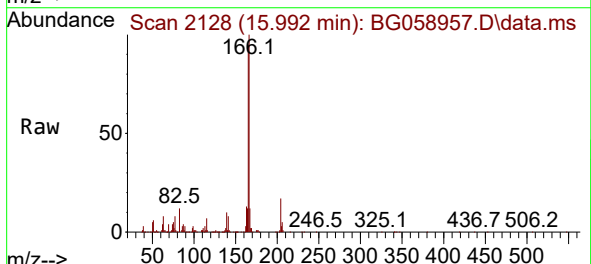
Instrument :
BNA_G
ClientSampleId :
SSTD020409

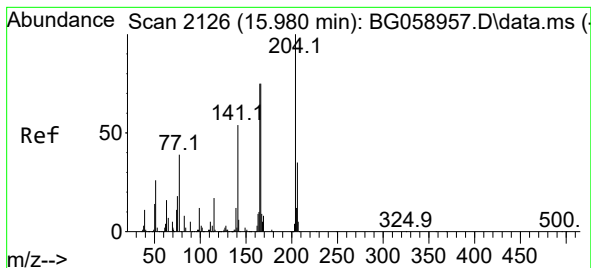
Tgt Ion:149 Resp: 289217
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.1 9.7 14.5



#61
Fluorene
Concen: 20.738 ng/ul
RT: 15.992 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:166 Resp: 310931
Ion Ratio Lower Upper
166 100
165 95.5 76.4 114.6
167 11.6 9.3 13.9

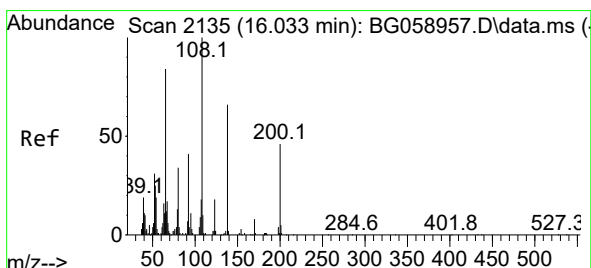
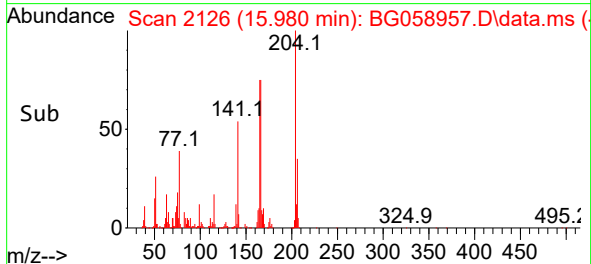
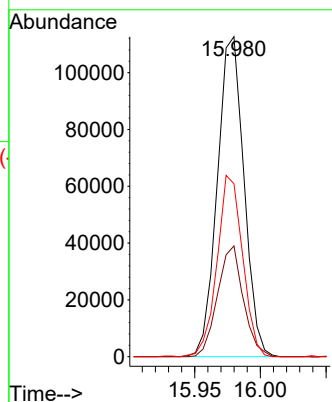
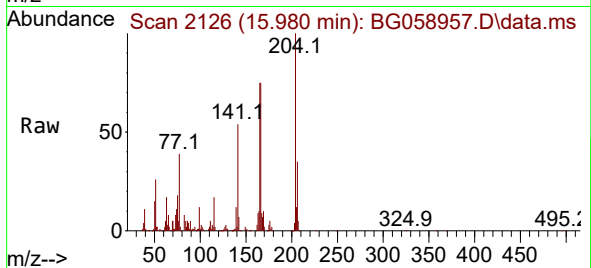




#62
4-Chlorophenyl-phenylether
Concen: 17.692 ng/ul
RT: 15.980 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

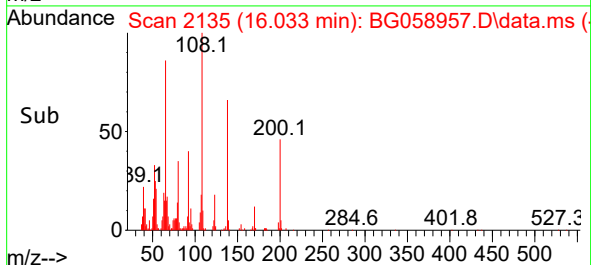
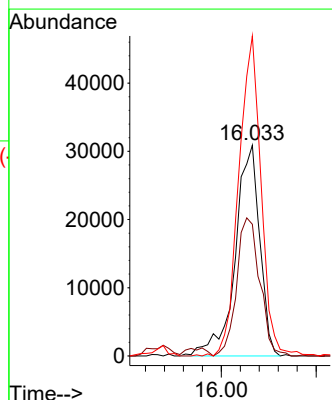
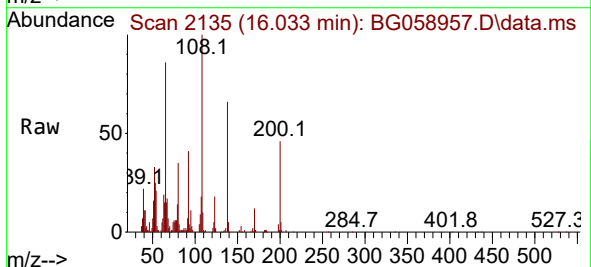
Instrument :
BNA_G
ClientSampleId :
SSTD020409

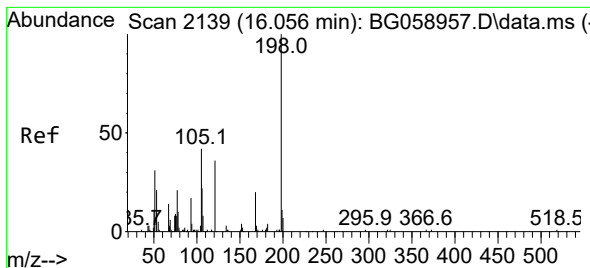
Tgt Ion:204 Resp: 159128
Ion Ratio Lower Upper
204 100
206 34.6 27.7 41.5
141 54.0 43.2 64.8



#63
4-Nitroaniline
Concen: 27.169 ng/ul
RT: 16.033 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:138 Resp: 55374
Ion Ratio Lower Upper
138 100
92 62.4 49.9 74.9
108 151.8 121.4 182.2

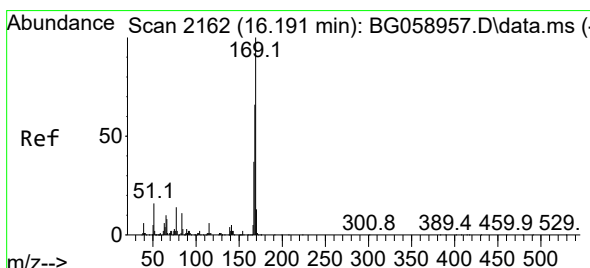
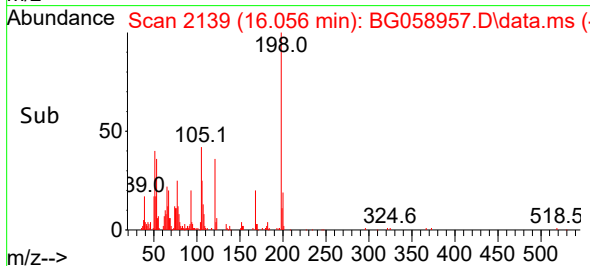
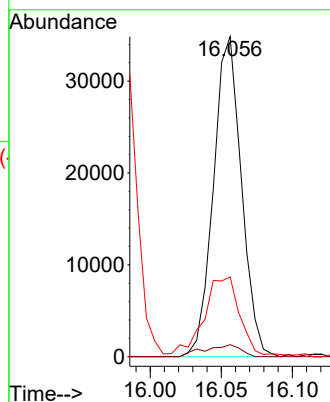
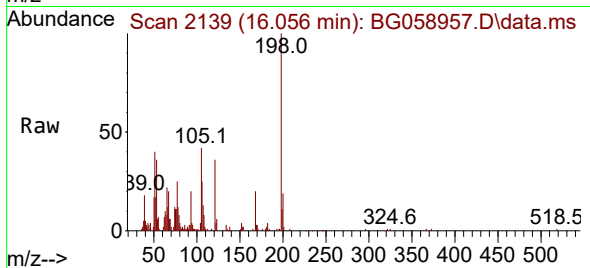




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.215 ng/ul
 RT: 16.056 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: BG058957.D
 Acq: 10 Sep 2023 18:10

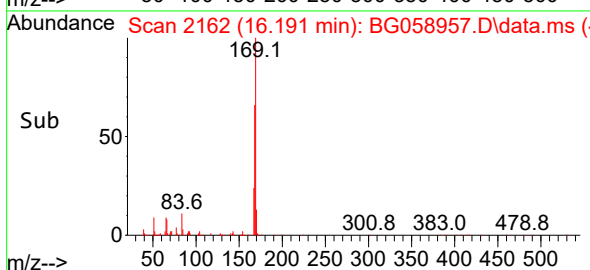
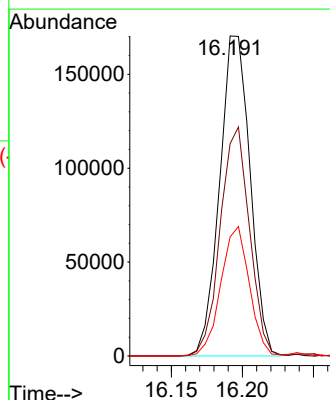
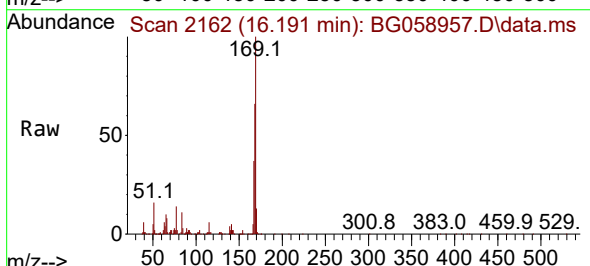
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020409

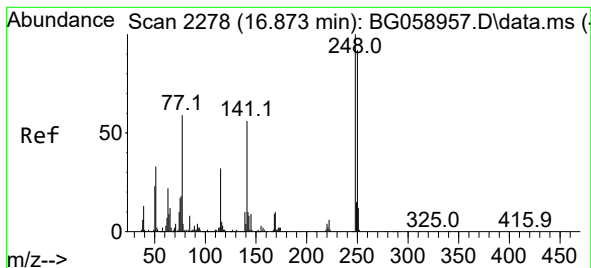
Tgt Ion:198 Resp: 47673
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.0 4.6
 77 25.0 20.0 30.0



#67
 N-Nitrosodiphenylamine
 Concen: 22.027 ng/ul
 RT: 16.191 min Scan# 2162
 Delta R.T. 0.000 min
 Lab File: BG058957.D
 Acq: 10 Sep 2023 18:10

Tgt Ion:169 Resp: 254680
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.0 79.6
 167 37.2 29.8 44.6

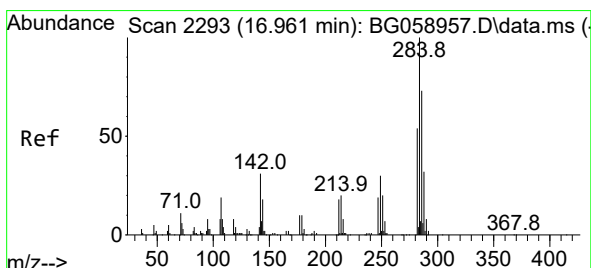
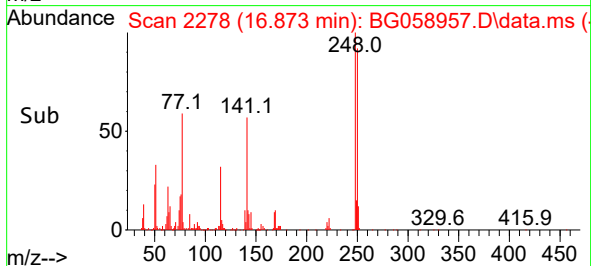
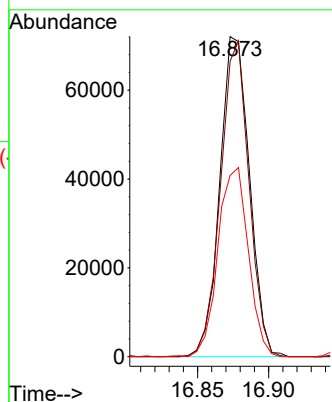
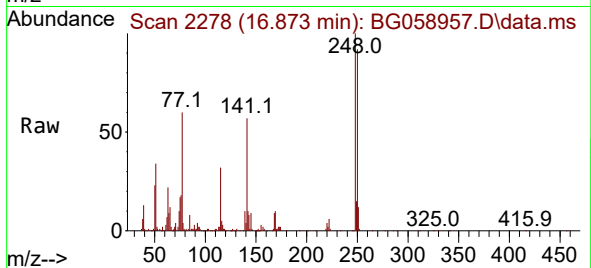




#68
4-Bromophenyl-phenylether
Concen: 18.325 ng/ul
RT: 16.873 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

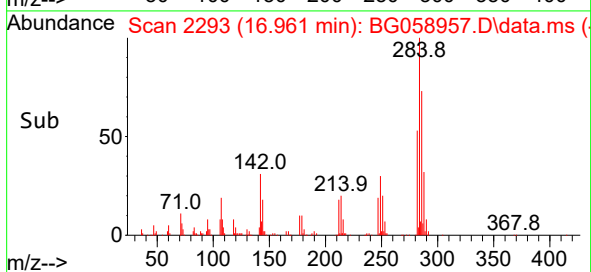
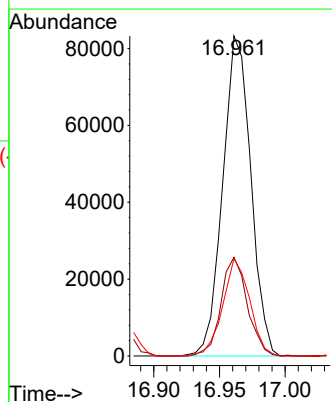
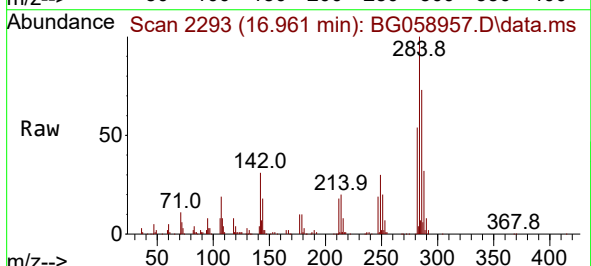
Instrument :
BNA_G
ClientSampleId :
SSTD020409

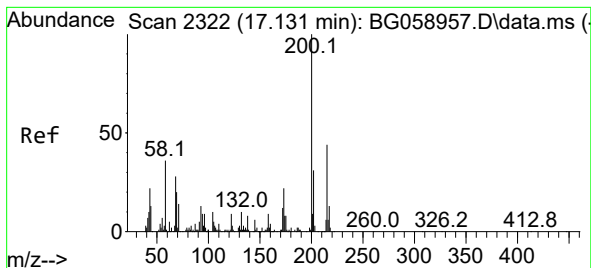
Tgt Ion:248 Resp: 104616
Ion Ratio Lower Upper
248 100
250 92.4 73.9 110.9
141 56.7 45.4 68.0



#69
Hexachlorobenzene
Concen: 18.804 ng/ul
RT: 16.961 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:284 Resp: 123878
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 30.4 24.3 36.5





#70

Atrazine

Concen: 22.723 ng/ul

RT: 17.131 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

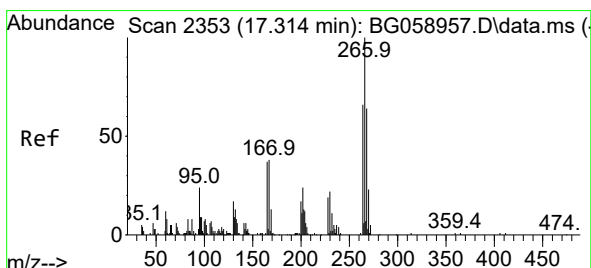
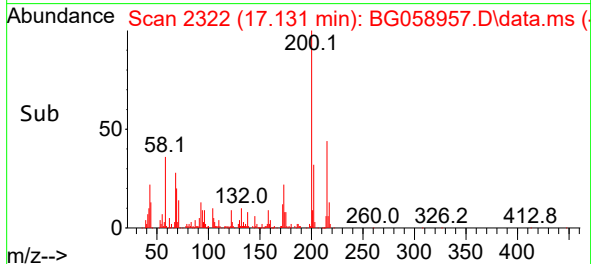
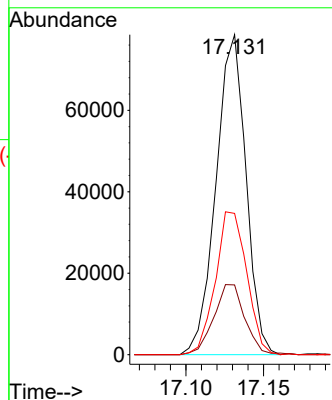
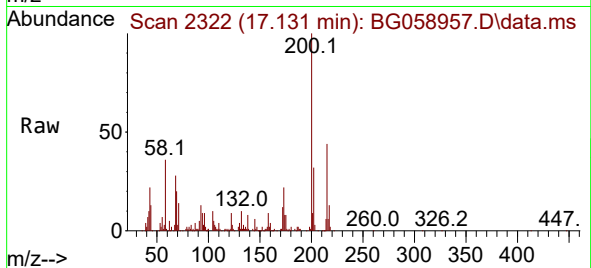
Tgt Ion:200 Resp: 105477

Ion Ratio Lower Upper

200 100

173 21.8 17.4 26.2

215 44.2 35.4 53.0



#71

Pentachlorophenol

Concen: 17.464 ng/ul

RT: 17.314 min Scan# 2353

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

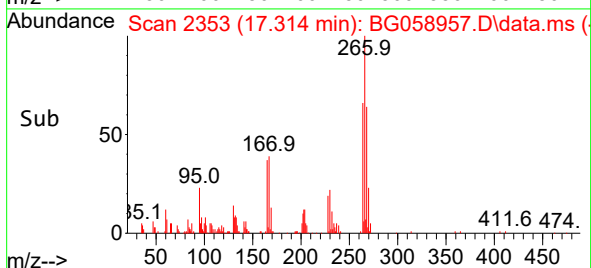
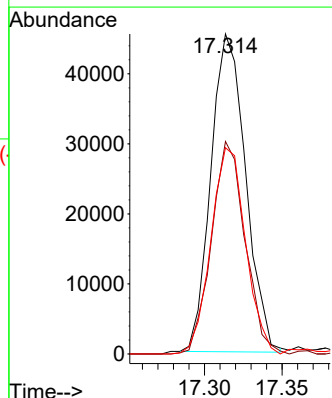
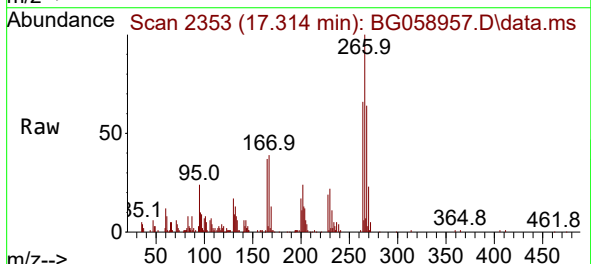
Tgt Ion:266 Resp: 70657

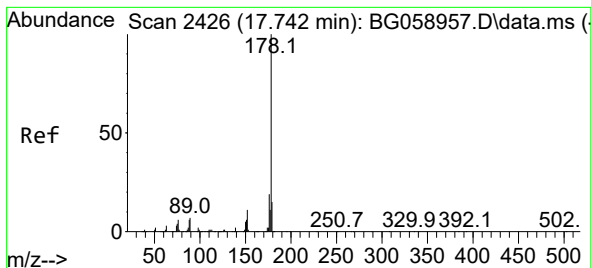
Ion Ratio Lower Upper

266 100

264 66.4 53.1 79.7

268 64.5 51.6 77.4





#72

Phenanthrene

Concen: 21.197 ng/ul

RT: 17.742 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

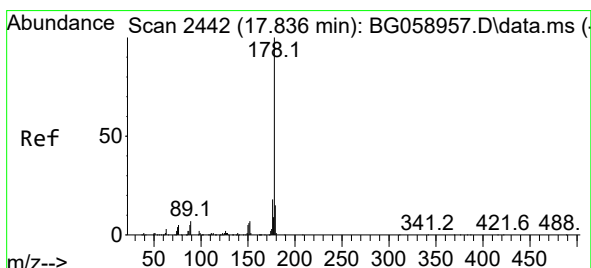
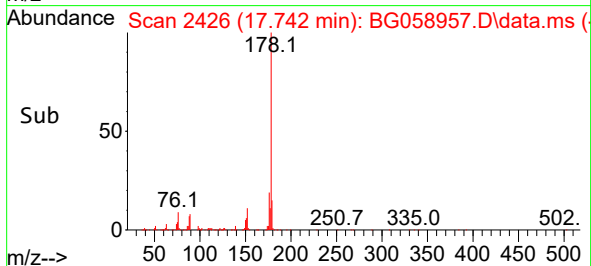
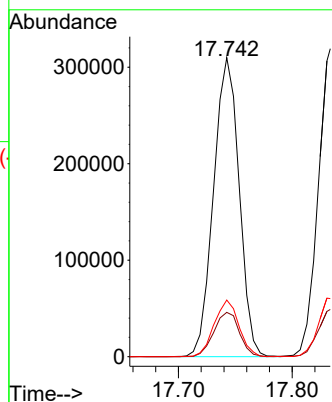
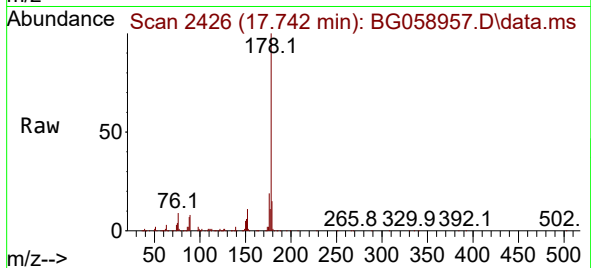
Tgt Ion:178 Resp: 483804

Ion Ratio Lower Upper

178 100

179 14.8 11.8 17.8

176 18.9 15.1 22.7



#74

Anthracene

Concen: 21.172 ng/ul

RT: 17.836 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

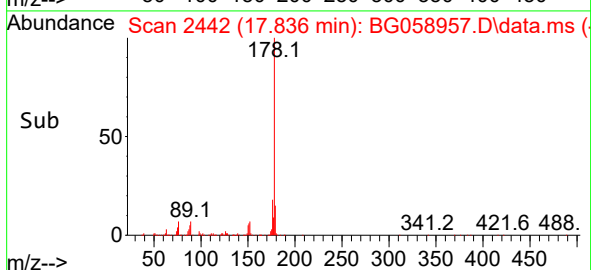
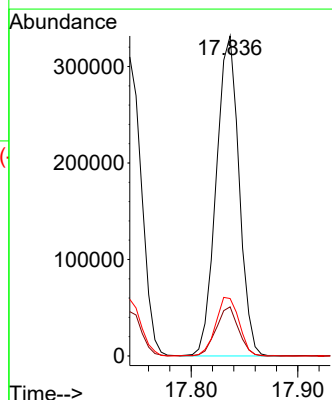
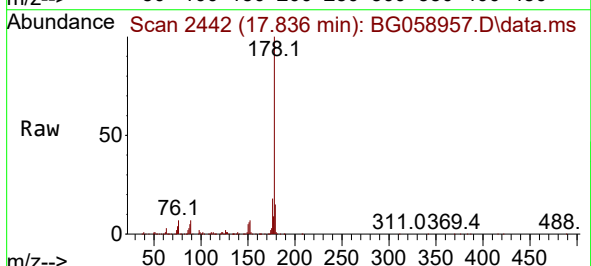
Tgt Ion:178 Resp: 493371

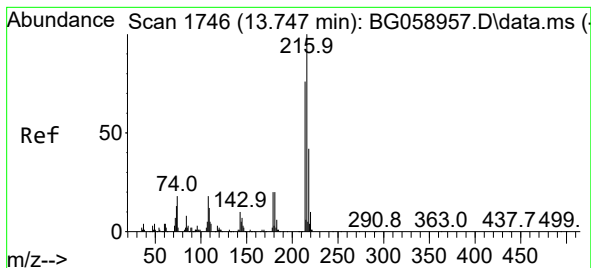
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.0 14.4 21.6

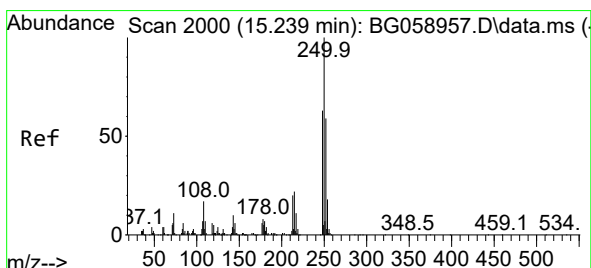
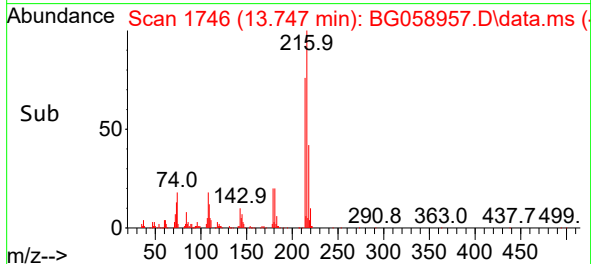
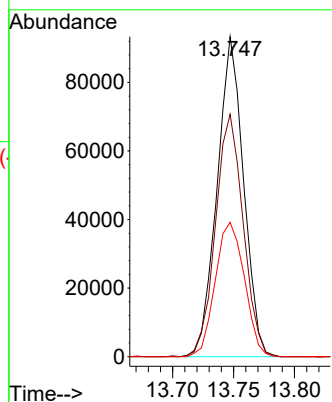
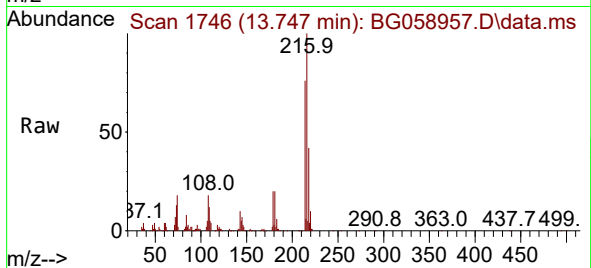




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.665 ng/uL
RT: 13.747 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

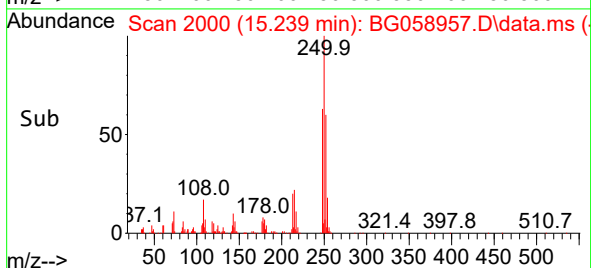
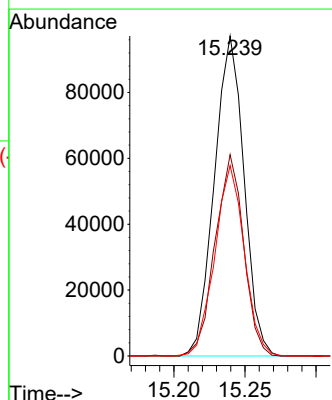
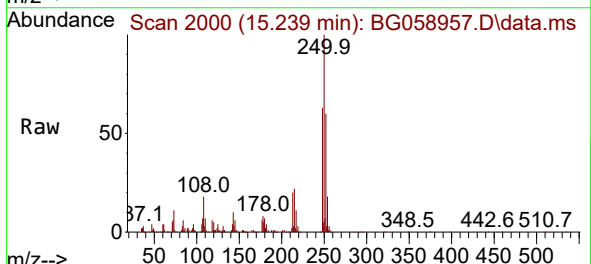
Instrument :
BNA_G
ClientSampleId :
SSTD020409

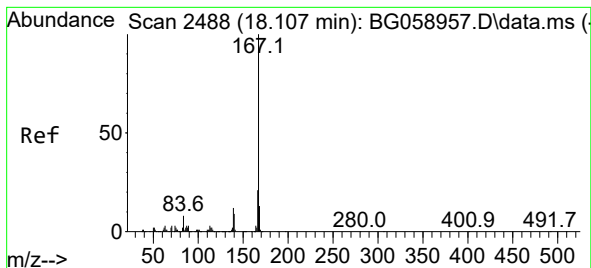
Tgt Ion:216 Resp: 141081
Ion Ratio Lower Upper
216 100
214 75.8 60.6 91.0
218 42.0 33.6 50.4



#76
Pentachlorobenzene
Concen: 20.462 ng/uL
RT: 15.239 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:250 Resp: 140789
Ion Ratio Lower Upper
250 100
248 62.9 50.3 75.5
252 59.5 47.6 71.4





#77

Carbazole

Concen: 24.108 ng/ul

RT: 18.107 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

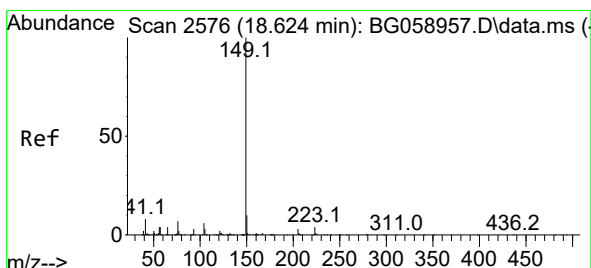
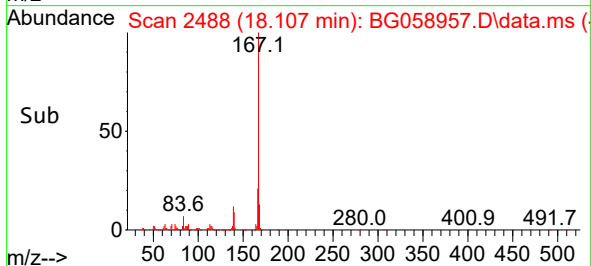
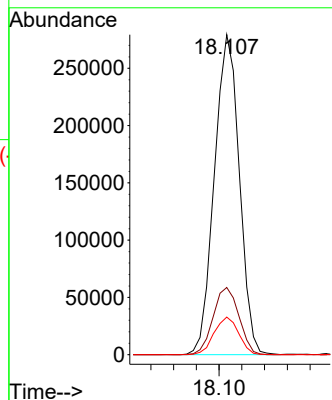
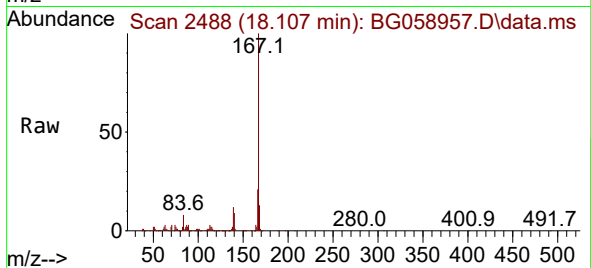
Tgt Ion:167 Resp: 426412

Ion Ratio Lower Upper

167 100

166 21.0 16.8 25.2

139 11.8 9.4 14.2



#78

Di-n-butylphthalate

Concen: 28.569 ng/ul

RT: 18.624 min Scan# 2576

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

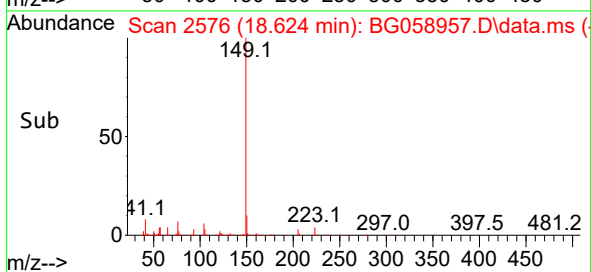
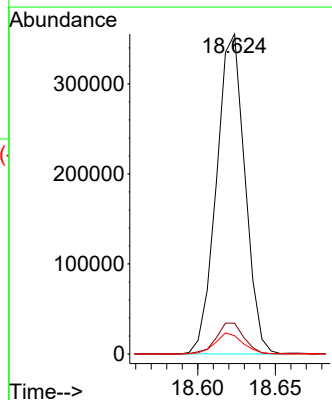
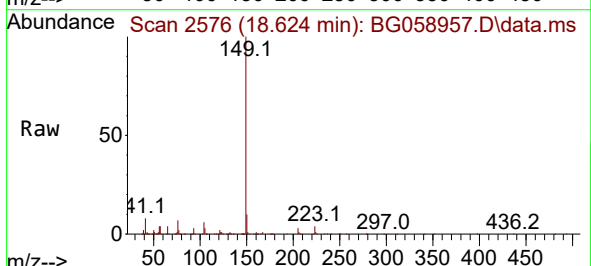
Tgt Ion:149 Resp: 454253

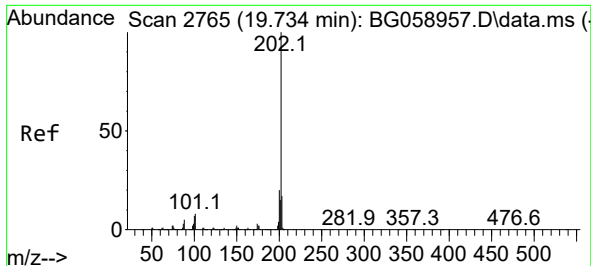
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.7 4.6 6.8

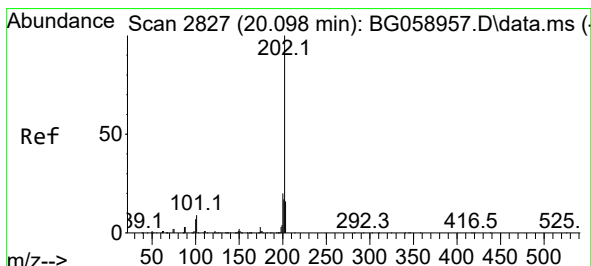
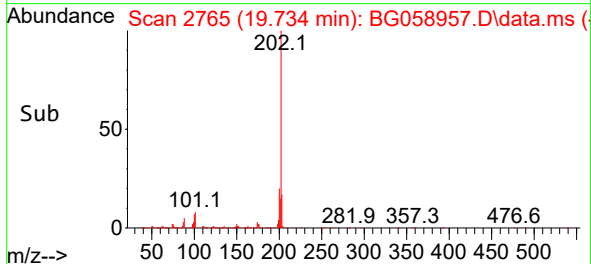
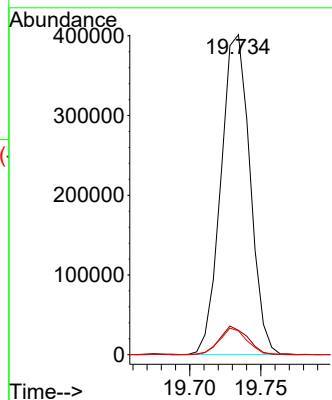
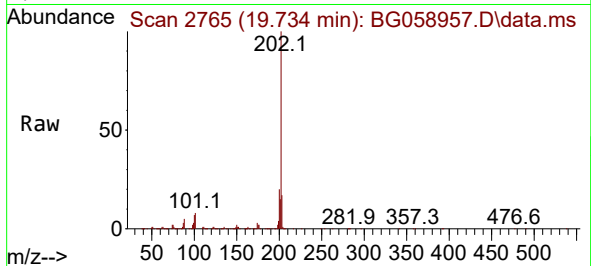




#80
Fluoranthene
Concen: 17.259 ng/ul
RT: 19.734 min Scan# 2765
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

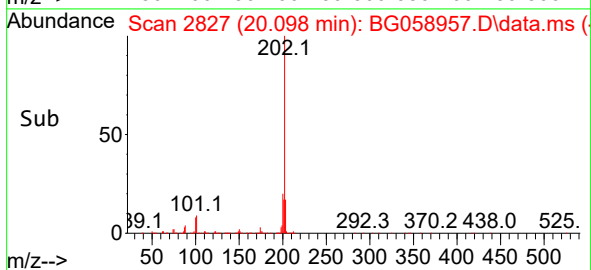
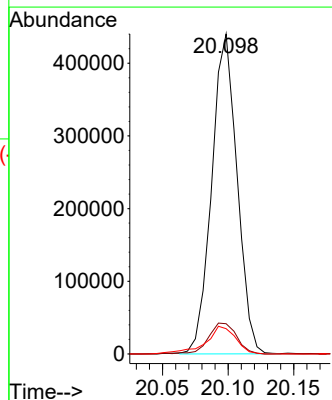
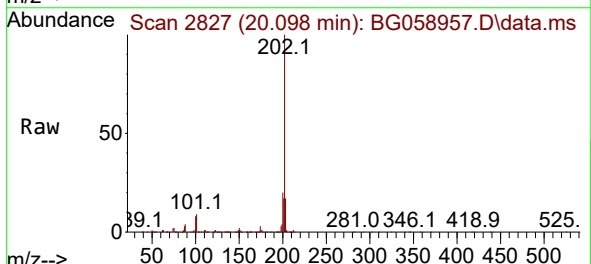
Instrument :
BNA_G
ClientSampleId :
SSTD020409

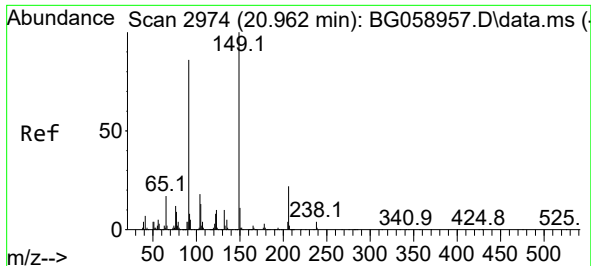
Tgt Ion:202 Resp: 570615
Ion Ratio Lower Upper
202 100
101 7.6 6.1 9.1
100 7.4 5.9 8.9



#82
Pyrene
Concen: 17.894 ng/ul
RT: 20.098 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:202 Resp: 592589
Ion Ratio Lower Upper
202 100
101 9.4 7.5 11.3
100 7.9 6.3 9.5

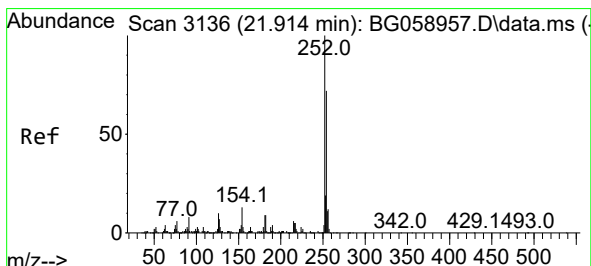
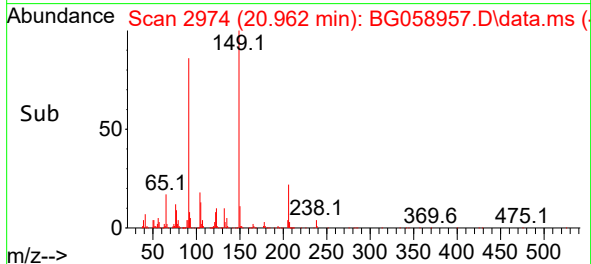
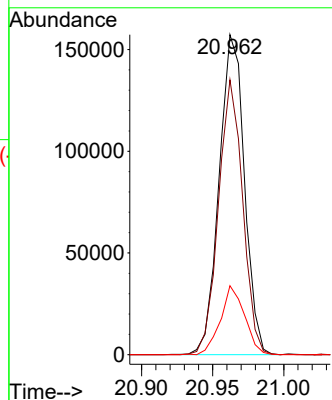
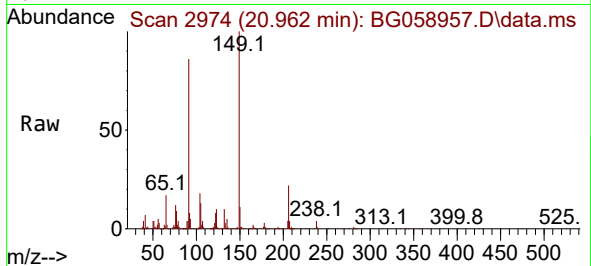




#83
Butylbenzylphthalate
Concen: 33.872 ng/ul
RT: 20.962 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

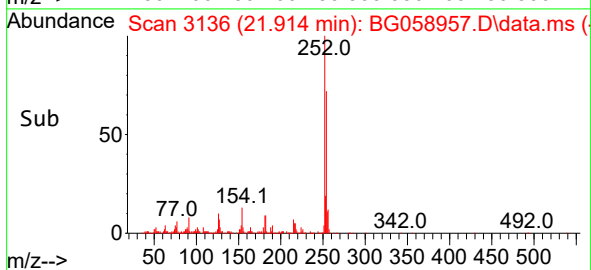
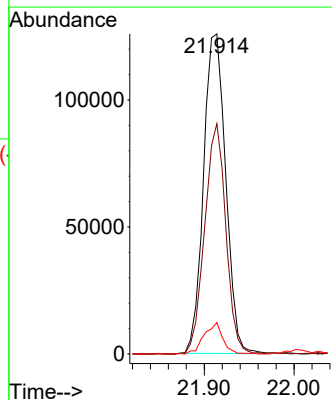
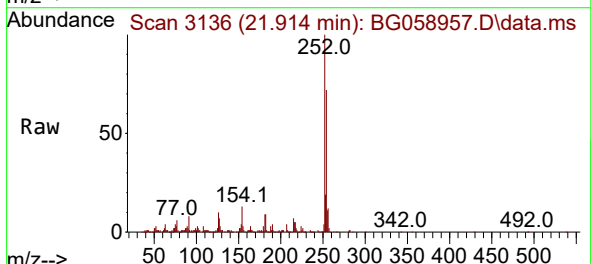
Instrument :
BNA_G
ClientSampleId :
SSTD020409

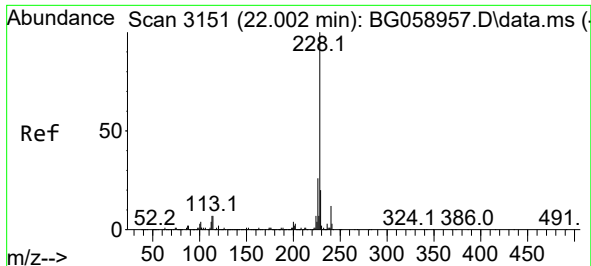
Tgt Ion:149 Resp: 194498
Ion Ratio Lower Upper
149 100
91 85.9 68.7 103.1
206 21.6 17.3 25.9



#84
3,3'-Dichlorobenzidine
Concen: 21.067 ng/ul
RT: 21.914 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:252 Resp: 215849
Ion Ratio Lower Upper
252 100
254 72.0 57.6 86.4
126 9.8 7.8 11.8

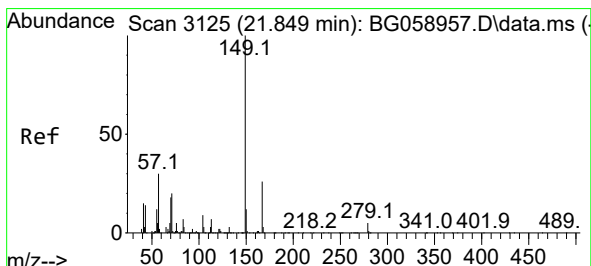
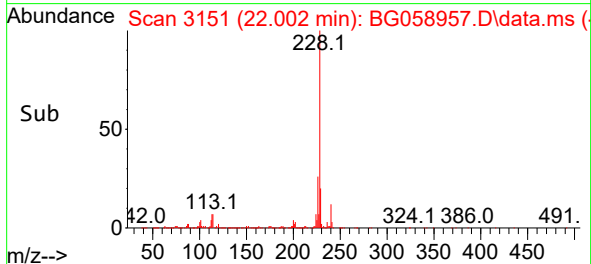
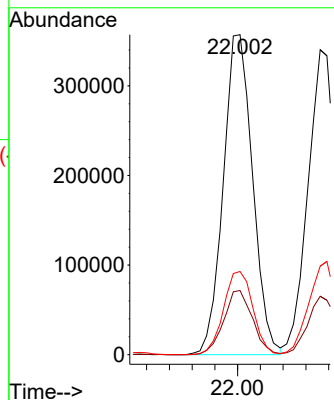
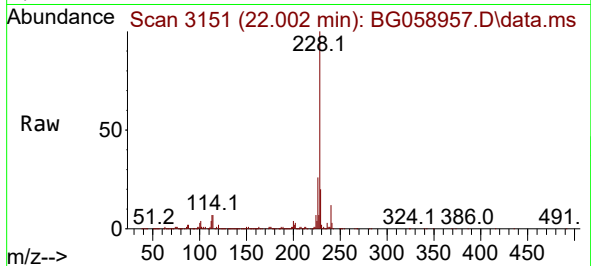




#85
Benzo(a)anthracene
Concen: 20.077 ng/ul
RT: 22.002 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

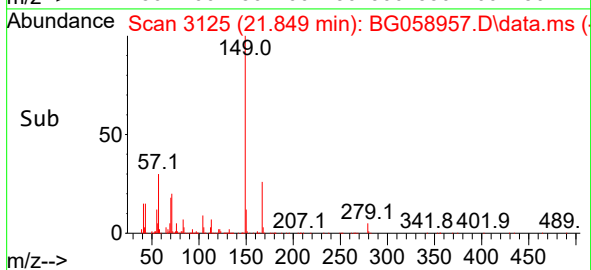
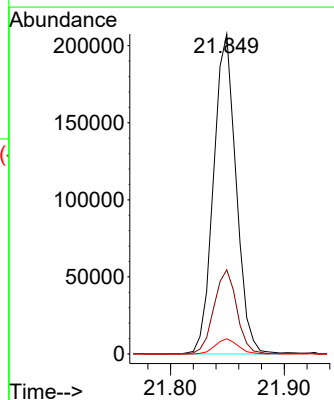
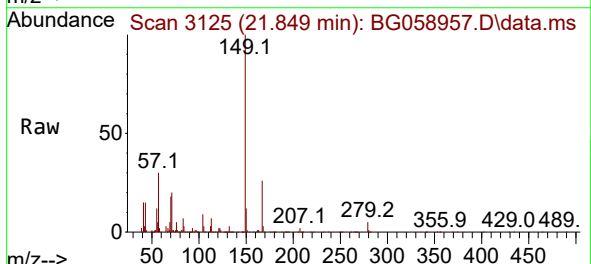
Instrument :
BNA_G
ClientSampleId :
SSTD020409

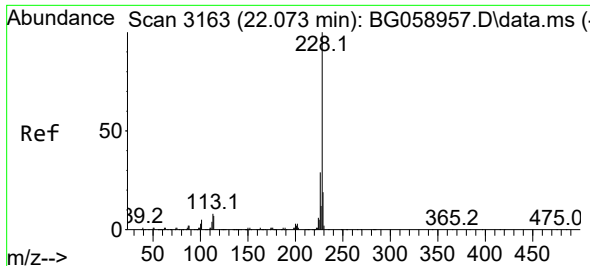
Tgt Ion:228 Resp: 641182
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 26.0 20.8 31.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 32.013 ng/ul
RT: 21.849 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:149 Resp: 286756
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.6
279 4.8 3.8 5.8

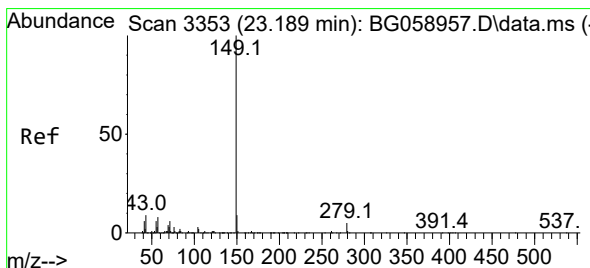
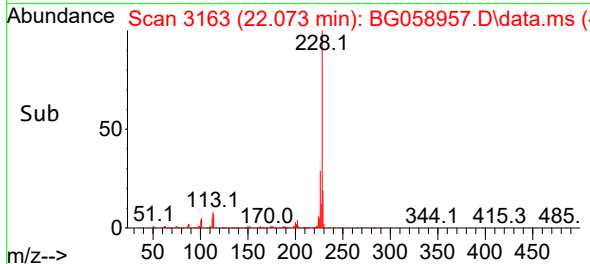
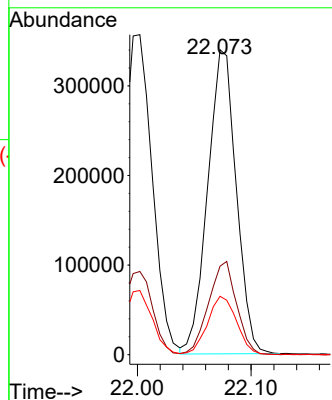
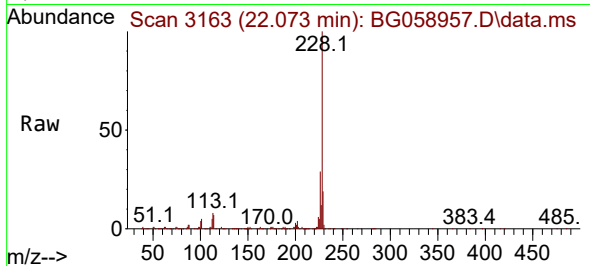




#87
Chrysene
Concen: 19.803 ng/ul
RT: 22.073 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

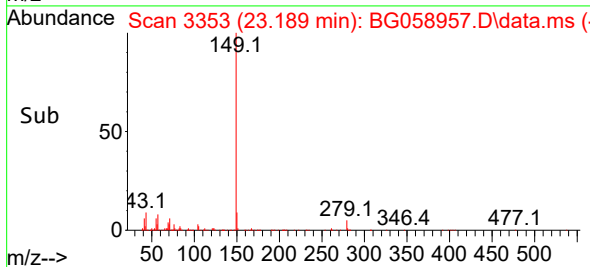
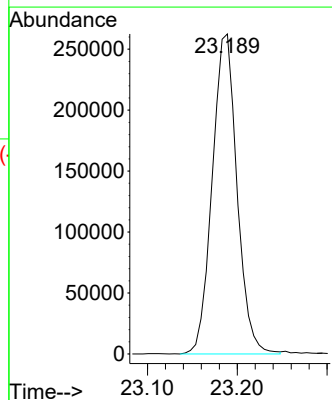
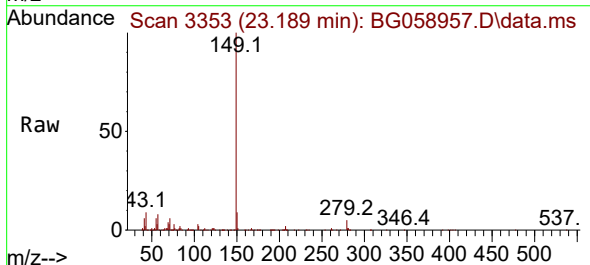
Instrument :
BNA_G
ClientSampleId :
SSTD020409

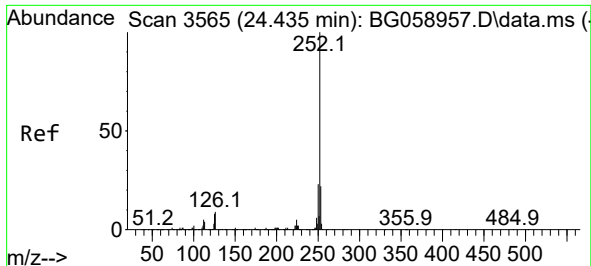
Tgt Ion:228 Resp: 592442
Ion Ratio Lower Upper
228 100
226 29.0 23.2 34.8
229 19.1 15.3 22.9



#89
Di-n-octyl phthalate
Concen: 30.602 ng/ul
RT: 23.189 min Scan# 3353
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:149 Resp: 502839

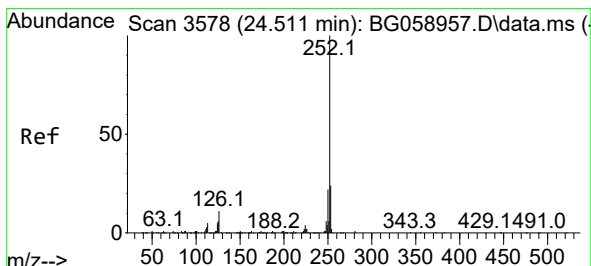
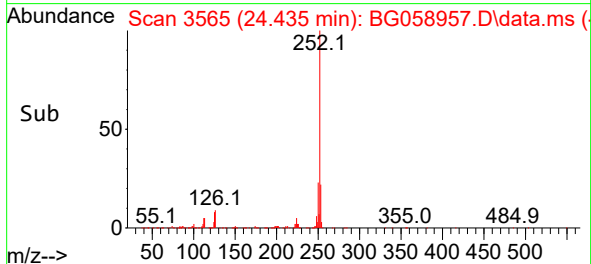
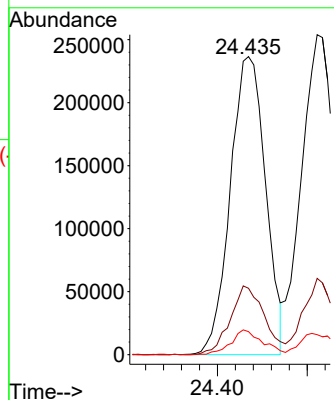
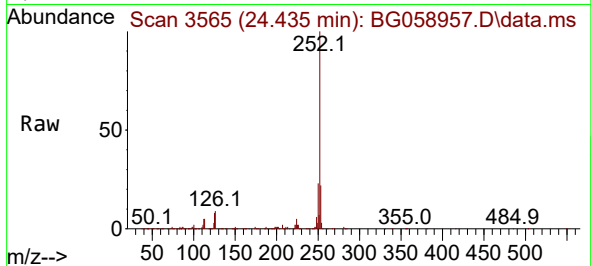




#90
Benzo(b)fluoranthene
Concen: 20.340 ng/ul
RT: 24.435 min Scan# 3565
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

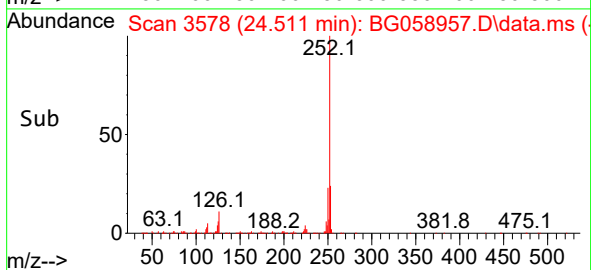
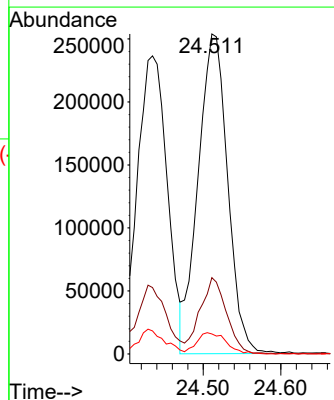
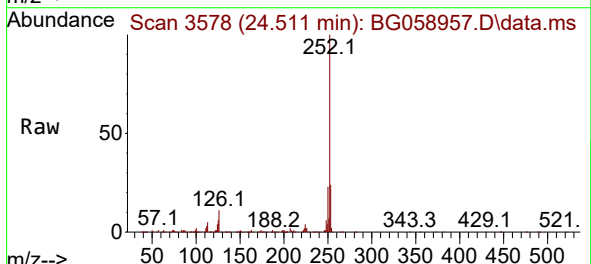
Instrument :
BNA_G
ClientSampleId :
SSTD020409

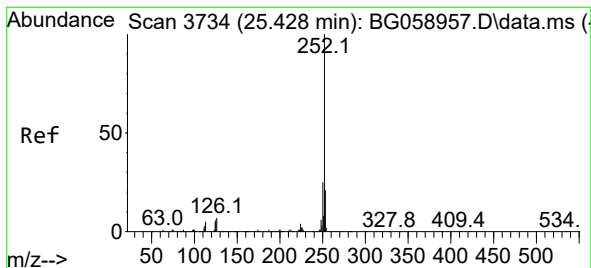
Tgt Ion:252 Resp: 644513
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.7 6.2 9.2



#91
Benzo(k)fluoranthene
Concen: 21.030 ng/ul
RT: 24.511 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BG058957.D
Acq: 10 Sep 2023 18:10

Tgt Ion:252 Resp: 670499
Ion Ratio Lower Upper
252 100
253 23.9 19.1 28.7
125 6.2 5.0 7.4





#93

Benzo(a)pyrene

Concen: 19.716 ng/ul

RT: 25.428 min Scan# 3734

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

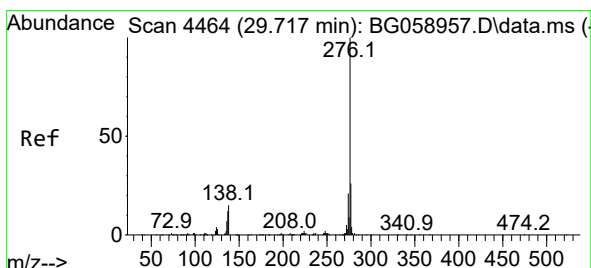
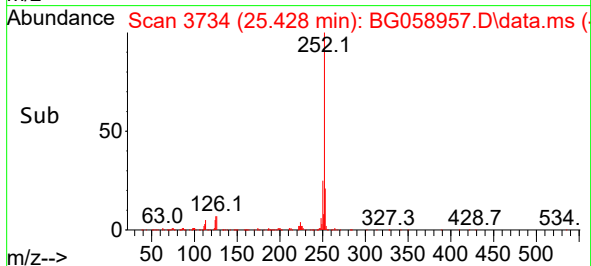
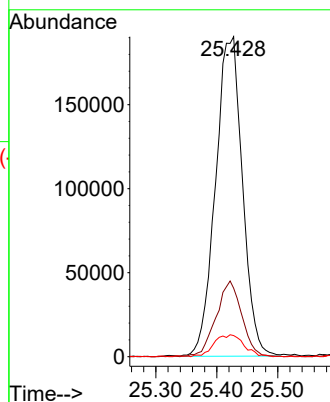
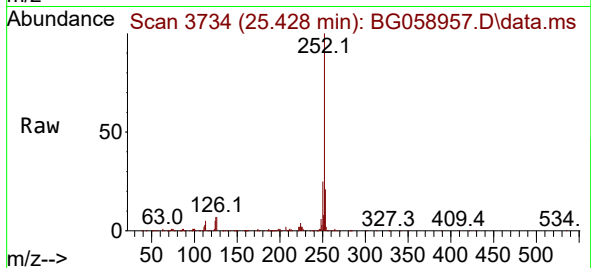
Tgt Ion:252 Resp: 584544

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 6.6 5.3 7.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.795 ng/ul

RT: 29.717 min Scan# 4464

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

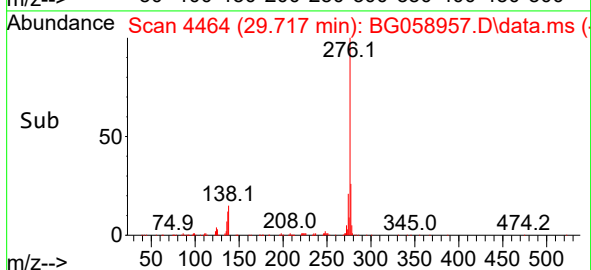
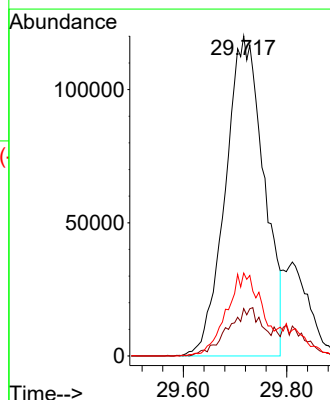
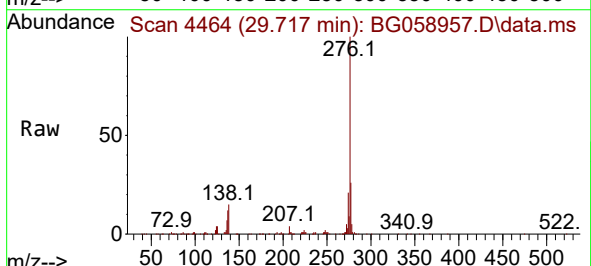
Tgt Ion:276 Resp: 620792

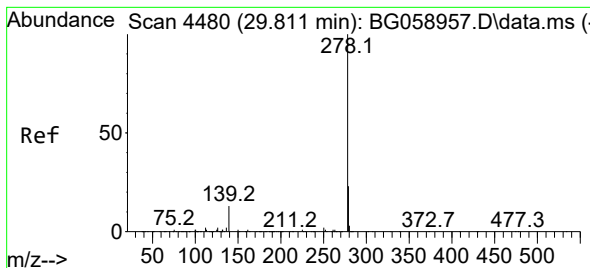
Ion Ratio Lower Upper

276 100

138 14.8 11.8 17.8

277 25.9 20.7 31.1





#95

Dibenzo(a,h)anthracene

Concen: 19.962 ng/ul

RT: 29.811 min Scan# 4480

Delta R.T. 0.000 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Instrument :

BNA_G

ClientSampleId :

SSTD020409

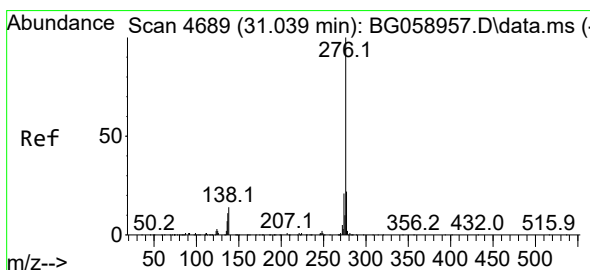
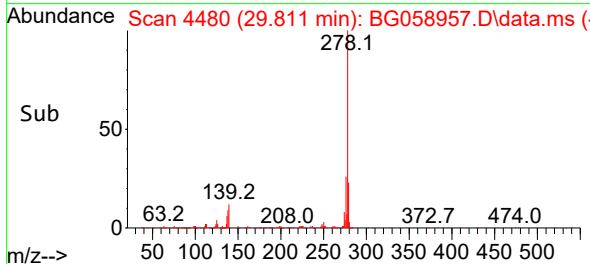
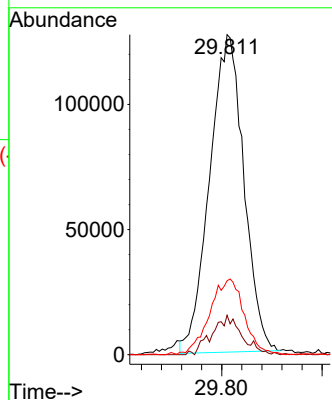
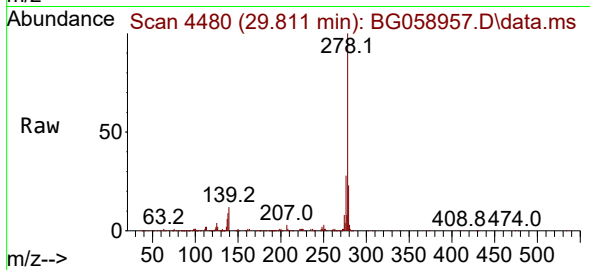
Tgt Ion:278 Resp: 600017

Ion Ratio Lower Upper

278 100

139 12.3 9.8 14.8

279 23.1 18.5 27.7



#96

Benzo(g,h,i)perylene

Concen: 7.728 ng/ul

RT: 31.009 min Scan# 4684

Delta R.T. -0.029 min

Lab File: BG058957.D

Acq: 10 Sep 2023 18:10

Tgt Ion:276 Resp: 226788

Ion Ratio Lower Upper

276 100

138 13.5 11.4 17.2

277 20.0 17.4 26.2

