

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
 Data File : BG057362.D
 Acq On : 9 May 2023 21:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020482

Quant Time: May 09 23:24:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 11:47:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.368	152	18830	20.000	ng/ul	0.00
20) Naphthalene-d8	11.205	136	75776	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.977	164	58568	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.720	188	142280	20.000	ng/ul	0.00
79) Chrysene-d12	22.026	240	134816	20.000	ng/ul	-0.02
88) Perylene-d12	25.539	264	136340	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.651	96	3827	8.944	ng/uL	0.00
4) Pyridine-d5	4.086	84	28204	20.907	ng/ul	0.00
7) Phenol-d5	7.505	99	36050	20.244	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.669	67	20229	19.314	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.892	132	24821	21.151	ng/ul	0.00
15) 4-Methylphenol-d8	9.067	113	27218	20.110	ng/ul	-0.01
21) Nitrobenzene-d5	9.543	128	13351	22.124	ng/ul	0.00
24) 2-Nitrophenol-d4	10.271	143	16184	22.980	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.818	165	31132	22.913	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.329	131	39499	21.934	ng/ul	-0.01
46) Dimethylphthalate-d6	14.366	166	99468	21.434	ng/ul	0.00
49) Acenaphthylene-d8	14.677	160	115030	22.054	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.165	143	12757	18.885	ng/ul	-0.01
60) Fluorene-d10	15.964	176	93513	21.630	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.081	200	17781	21.093	ng/ul	-0.01
73) Anthracene-d10	17.820	188	145691	22.433	ng/ul	0.00
81) Pyrene-d10	20.082	212	170810	21.345	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.292	264	154084	22.183	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.686	88	4254	9.374	ng/uL	93
5) Pyridine	4.109	79	29884	21.015	ng/ul	92
6) Benzaldehyde	7.493	77	11924	21.924	ng/ul	94
8) Phenol	7.534	94	35701	19.891	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.769	93	26484	19.715	ng/ul	93
12) 2-Chlorophenol	7.928	128	26638	21.611	ng/ul	95
13) 2-Methylphenol	8.803	108	27080	19.468	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.885	45	31746	18.330	ng/ul	93
16) Acetophenone	9.196	105	46014	19.757	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.167	70	25641	19.159	ng/ul	93
18) 4-Methylphenol	9.132	108	29496	19.591	ng/ul	94
19) Hexachloroethane	9.467	117	11466	22.233	ng/ul	98
22) Nitrobenzene	9.584	77	37091	20.641	ng/ul	99
23) Isophorone	10.101	82	70202	20.534	ng/ul	98
25) 2-Nitrophenol	10.307	139	16729	23.452	ng/ul	94
26) 2,4-Dimethylphenol	10.348	107	35407	21.881	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.577	93	37233	20.950	ng/ul	94
29) 2,4-Dichlorophenol	10.847	162	29910	23.192	ng/ul	95
30) Naphthalene	11.258	128	93051	22.365	ng/ul	98
32) 4-Chloroaniline	11.358	127	39852	21.239	ng/ul	96
33) Hexachlorobutadiene	11.523	225	25302	23.131	ng/ul	91
34) Caprolactam	12.104	113	9131	21.031	ng/ul	91
35) 4-Chloro-3-methylphenol	12.451	107	32124	21.649	ng/ul	95
36) 2-Methylnaphthalene	12.833	142	67486	22.119	ng/ul	100

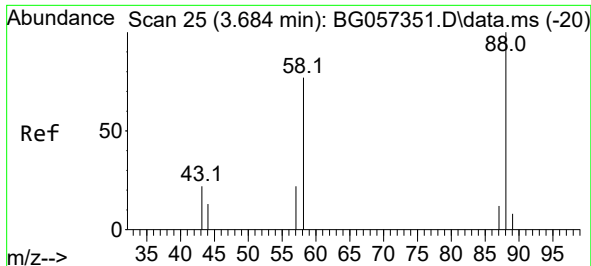
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.050	142	67734	22.078	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.191	216	49619	23.313	ng/ul	97
40) Hexachlorocyclopentadiene	13.162	237	21304	20.058	ng/ul	96
41) 2,4,6-Trichlorophenol	13.426	196	27508	22.192	ng/ul	94
42) 2,4,5-Trichlorophenol	13.508	196	31565	23.718	ng/ul	88
43) 1,1'-Biphenyl	13.814	154	99234	22.205	ng/ul	99
44) 2-Chloronaphthalene	13.867	162	76757	22.151	ng/ul	98
45) 2-Nitroaniline	14.060	65	22547	21.554	ng/ul	96
47) Dimethylphthalate	14.413	163	99970	21.451	ng/ul	100
48) 2,6-Dinitrotoluene	14.548	165	21165	22.068	ng/ul	92
50) Acenaphthylene	14.707	152	116979	22.070	ng/ul	100
51) 3-Nitroaniline	14.877	138	14643	21.548	ng/ul	90
52) Acenaphthene	15.041	153	81052	21.462	ng/ul	100
53) 2,4-Dinitrophenol	15.100	184	8730	17.093	ng/ul	93
55) 4-Nitrophenol	15.182	109	13695	17.884	ng/ul	92
56) Dibenzofuran	15.370	168	119656	21.941	ng/ul	99
57) 2,4-Dinitrotoluene	15.329	165	30297	22.067	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.600	232	25636	21.199	ng/ul	96
59) Diethylphthalate	15.758	149	100627	21.253	ng/ul	99
61) Fluorene	16.017	166	100388	21.769	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.999	204	57924	21.521	ng/ul	98
63) 4-Nitroaniline	16.034	138	12573	19.537	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.099	198	18378	21.395	ng/ul	98
67) N-Nitrosodiphenylamine	16.210	169	83978	22.595	ng/ul	98
68) 4-Bromophenyl-phenylether	16.892	248	38924	22.889	ng/ul	96
69) Hexachlorobenzene	17.027	284	41114	22.959	ng/ul	98
70) Atrazine	17.144	200	37963	22.983	ng/ul	97
71) Pentachlorophenol	17.374	266	13365	16.146	ng/ul	95
72) Phenanthrene	17.761	178	166921	22.529	ng/ul	98
74) Anthracene	17.849	178	166279	22.342	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.790	216	51188	23.920	ng/uL	99
76) Pentachlorobenzene	15.294	250	52084	23.910	ng/uL	96
77) Carbazole	18.114	167	139752	22.469	ng/ul	99
78) Di-n-butylphthalate	18.637	149	162698	22.875	ng/ul	100
80) Fluoranthene	19.753	202	203096	21.366	ng/ul	98
82) Pyrene	20.111	202	205987	21.406	ng/ul	99
83) Butylbenzylphthalate	20.963	149	72397	23.492	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.903	252	67688	22.607	ng/ul	97
85) Benzo(a)anthracene	22.008	228	211137	22.144	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.850	149	102833	22.943	ng/ul	94
87) Chrysene	22.079	228	196295	21.821	ng/ul	98
89) Di-n-octyl phthalate	23.148	149	168612	22.395	ng/ul	100
90) Benzo(b)fluoranthene	24.411	252	209365	22.175	ng/ul	98
91) Benzo(k)fluoranthene	24.482	252	203969	22.206	ng/ul	100
93) Benzo(a)pyrene	25.369	252	181327	22.246	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.586	276	227961	22.373	ng/ul	96
95) Dibenzo(a,h)anthracene	29.639	278	189267	22.402	ng/ul	99
96) Benzo(g,h,i)perylene	30.855	276	184111	22.327	ng/ul	98

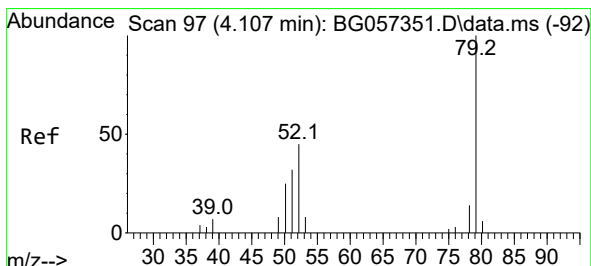
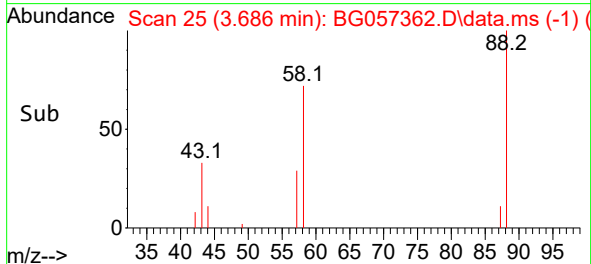
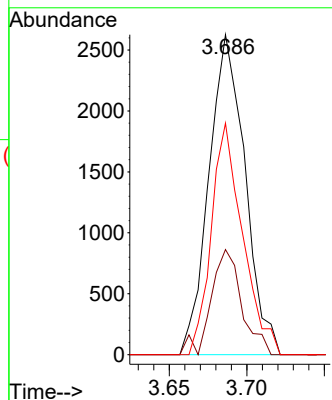
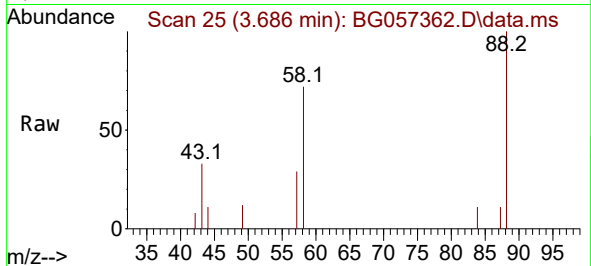
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 9.374 ng/uL
RT: 3.686 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

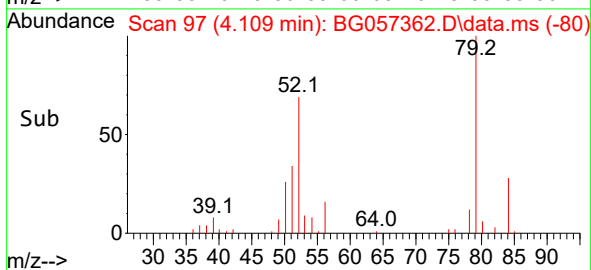
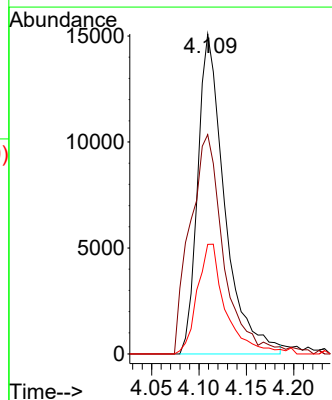
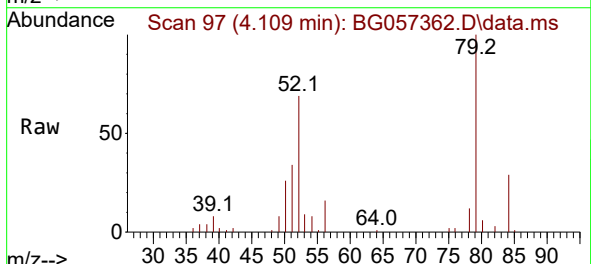
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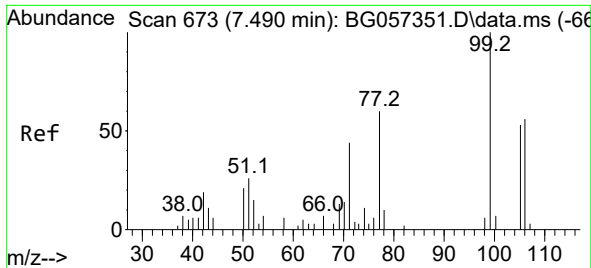
Tgt Ion: 88 Resp: 4254
Ion Ratio Lower Upper
88 100
43 32.9 28.2 42.4
58 72.4 63.3 94.9



#5
Pyridine
Concen: 21.015 ng/uL
RT: 4.109 min Scan# 97
Delta R.T. -0.000 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion: 79 Resp: 29884
Ion Ratio Lower Upper
79 100
52 68.5 62.4 93.6
51 34.2 29.0 43.4

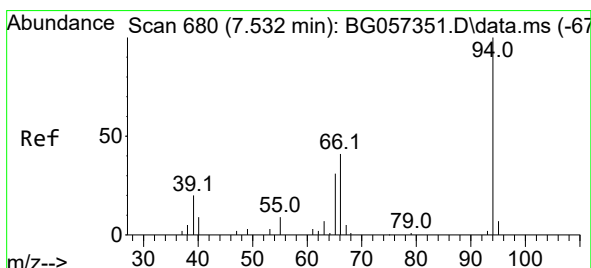
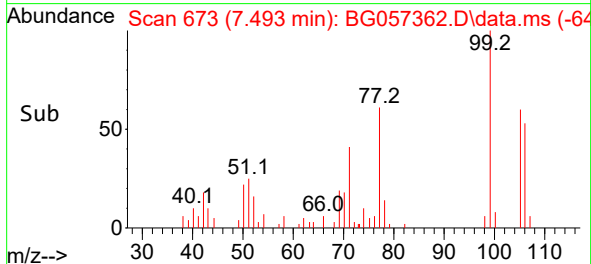
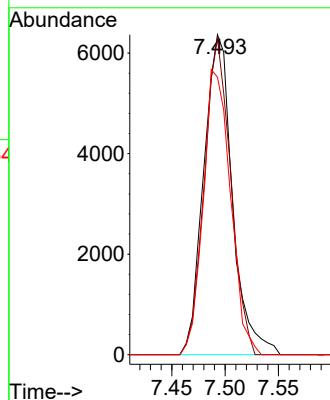
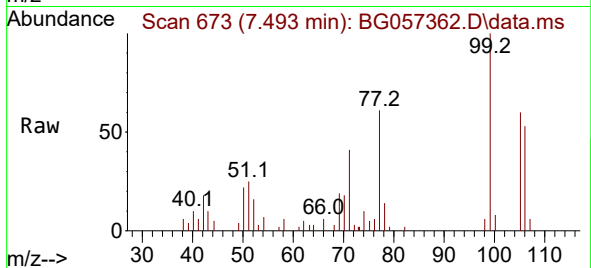




#6
Benzaldehyde
Concen: 21.924 ng/ul
RT: 7.493 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

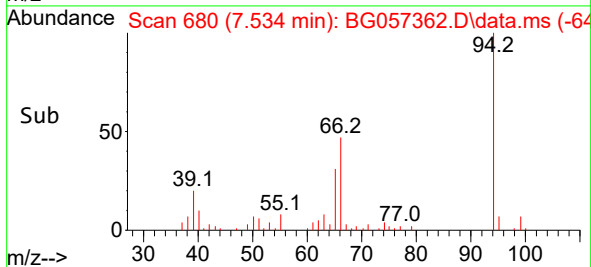
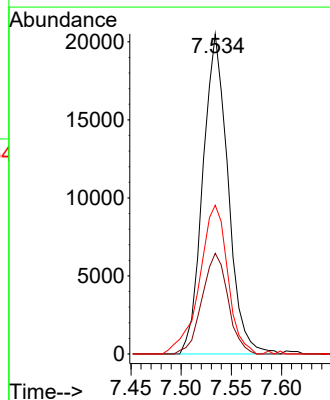
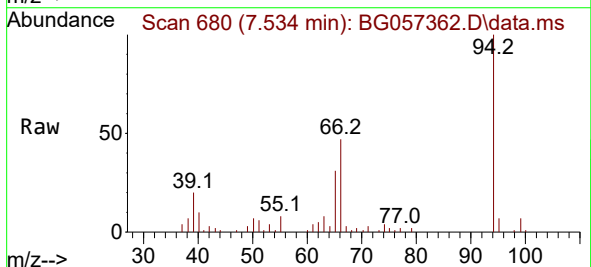
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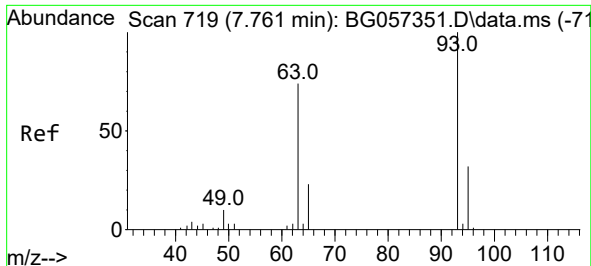
Tgt Ion: 77 Resp: 11924
Ion Ratio Lower Upper
77 100
105 98.8 79.8 119.6
106 86.7 78.7 118.1



#8
Phenol
Concen: 19.891 ng/ul
RT: 7.534 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion: 94 Resp: 35701
Ion Ratio Lower Upper
94 100
65 31.4 25.5 38.3
66 46.5 36.9 55.3

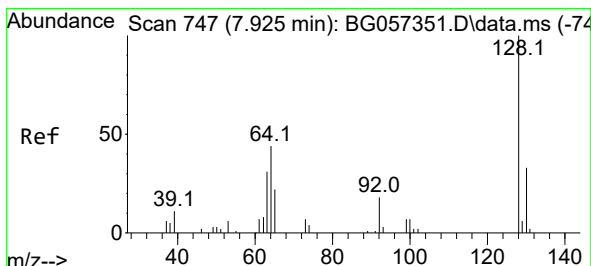
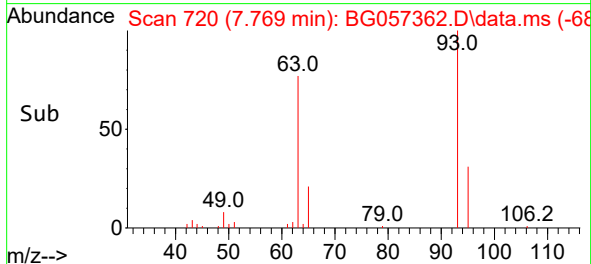
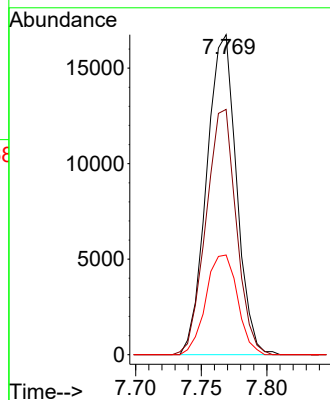
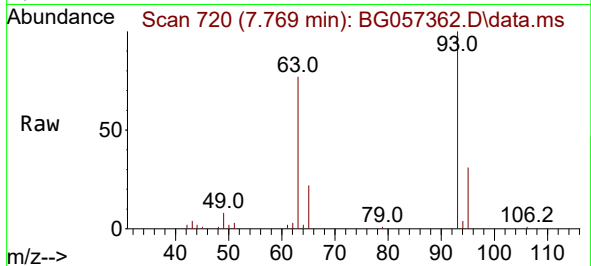




#10
Bis(2-Chloroethyl)ether
Concen: 19.715 ng/ul
RT: 7.769 min Scan# 719
Delta R.T. -0.000 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

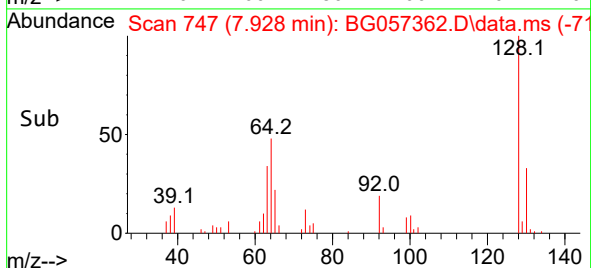
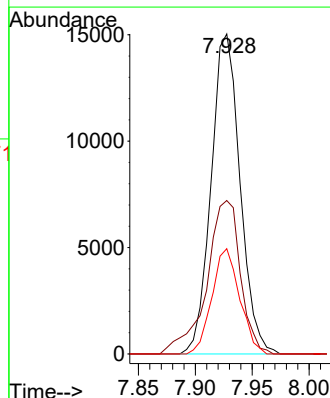
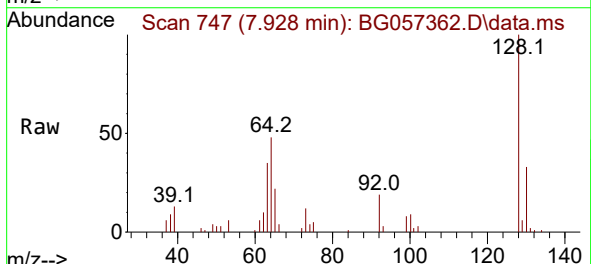
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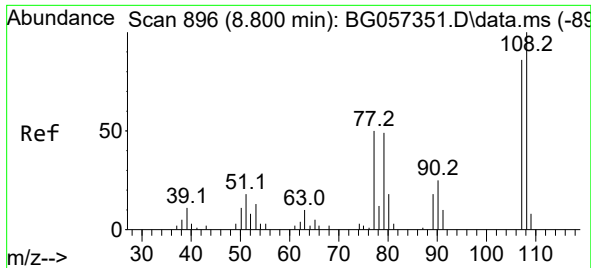
Tgt Ion: 93 Resp: 26484
Ion Ratio Lower Upper
93 100
63 76.7 67.2 100.8
95 31.1 26.3 39.5



#12
2-Chlorophenol
Concen: 21.611 ng/ul
RT: 7.928 min Scan# 747
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:128 Resp: 26638
Ion Ratio Lower Upper
128 100
64 48.0 41.3 61.9
130 32.9 24.6 37.0

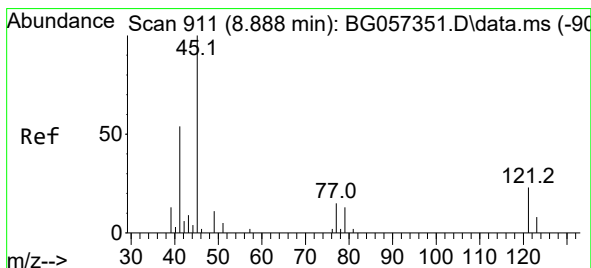
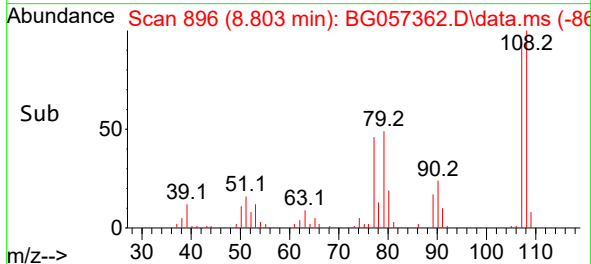
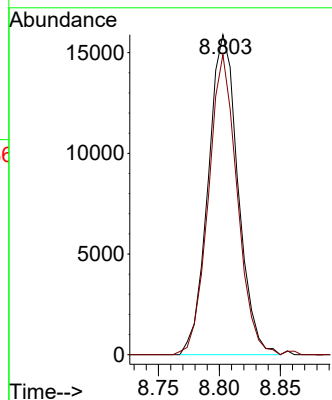
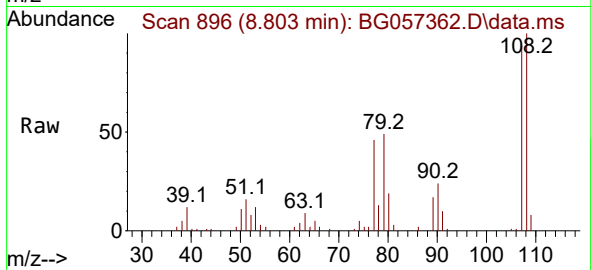




#13
2-Methylphenol
Concen: 19.468 ng/ul
RT: 8.803 min Scan# 896
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

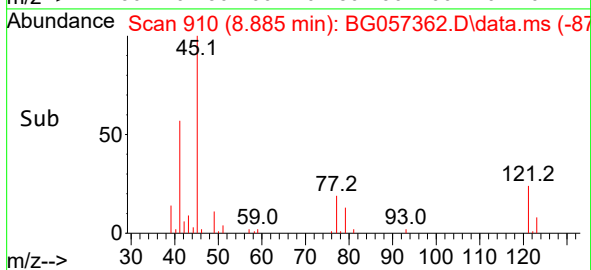
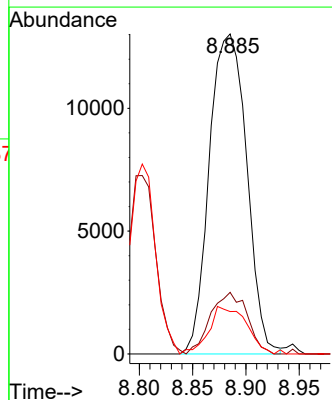
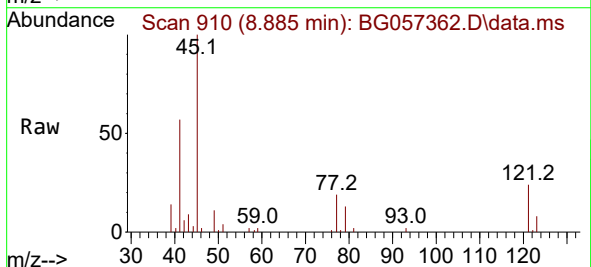
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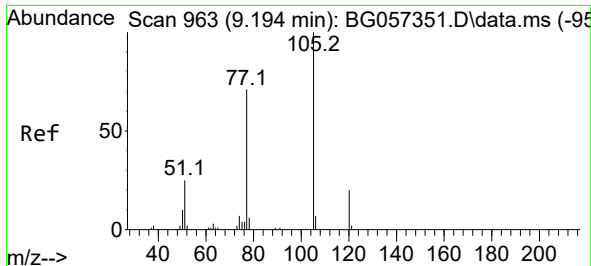
Tgt Ion:108 Resp: 27080
Ion Ratio Lower Upper
108 100
107 93.8 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.330 ng/ul
RT: 8.885 min Scan# 910
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion: 45 Resp: 31746
Ion Ratio Lower Upper
45 100
77 19.3 12.9 19.3
79 13.3 8.9 13.3

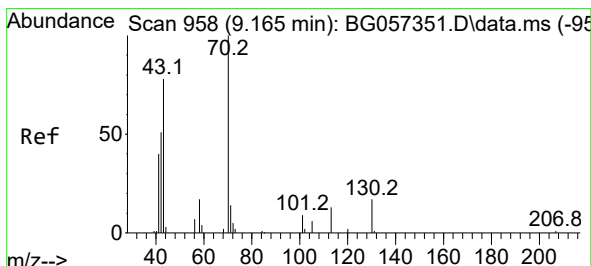
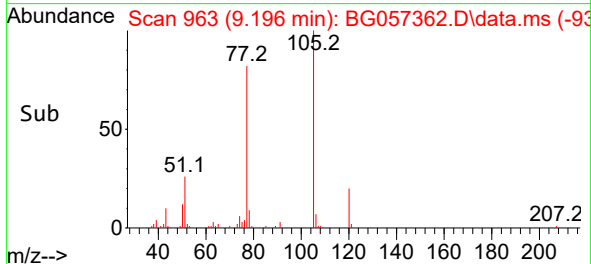
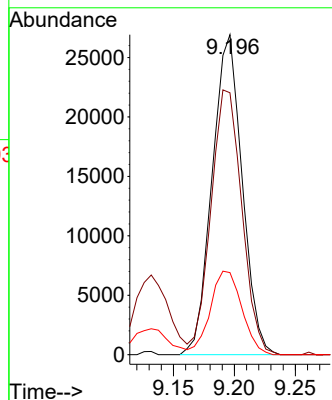
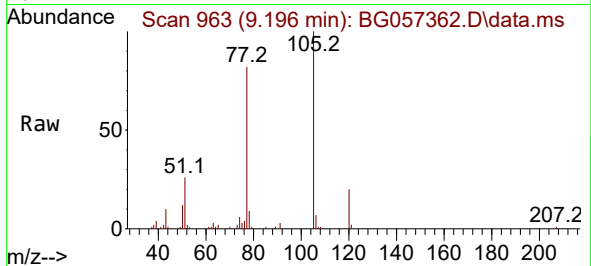




#16
Acetophenone
Concen: 19.757 ng/ul
RT: 9.196 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

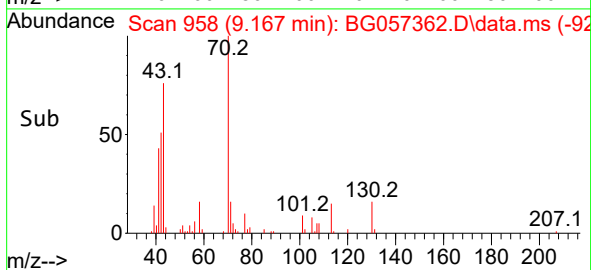
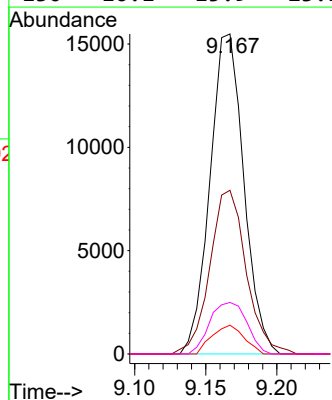
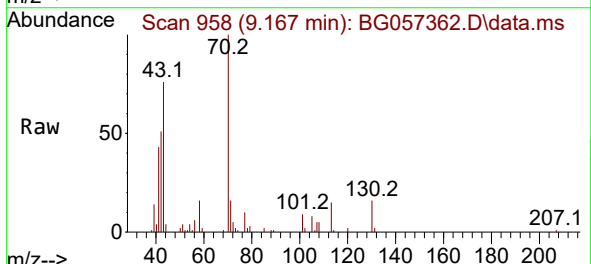
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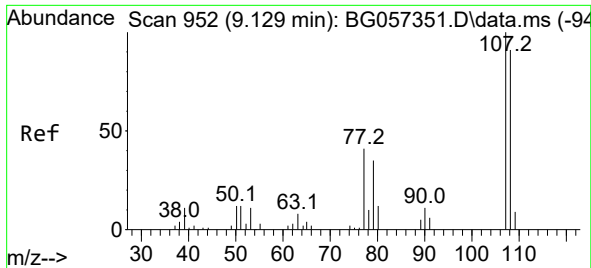
Tgt Ion:105 Resp: 46014
Ion Ratio Lower Upper
105 100
77 81.9 70.6 105.8
51 25.6 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 19.159 ng/ul
RT: 9.167 min Scan# 958
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion: 70 Resp: 25641
Ion Ratio Lower Upper
70 100
42 51.1 45.0 67.4
101 9.0 6.5 9.7
130 16.1 15.9 23.9

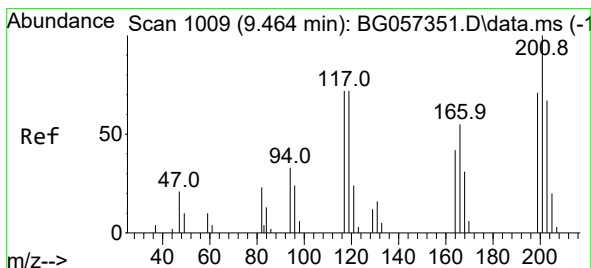
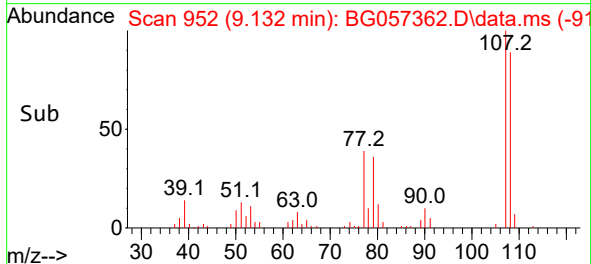
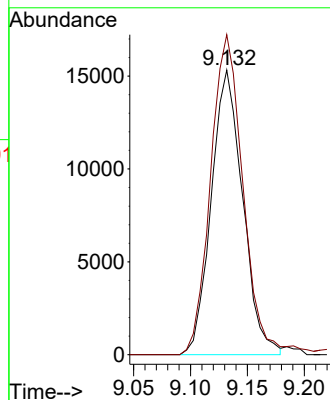
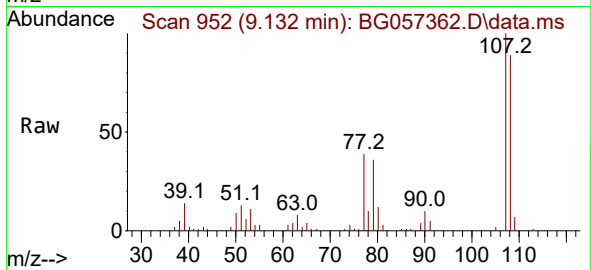




#18
4-Methylphenol
Concen: 19.591 ng/ul
RT: 9.132 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

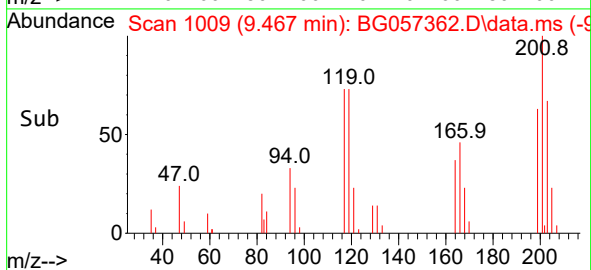
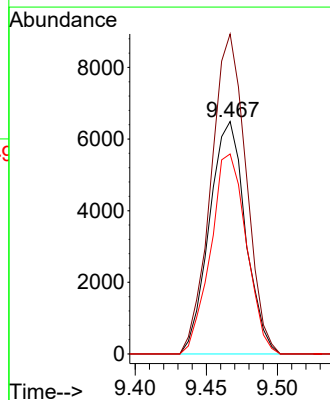
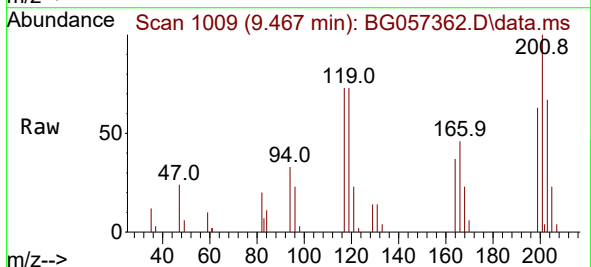
Instrument :
BNA_G
ClientSampleId :
SSTD020482

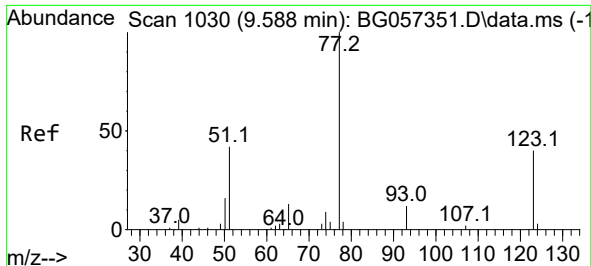
Tgt Ion:108 Resp: 29496
Ion Ratio Lower Upper
108 100
107 112.4 85.1 127.7



#19
Hexachloroethane
Concen: 22.233 ng/ul
RT: 9.467 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:117 Resp: 11466
Ion Ratio Lower Upper
117 100
201 137.6 109.4 164.2
199 86.1 65.4 98.2

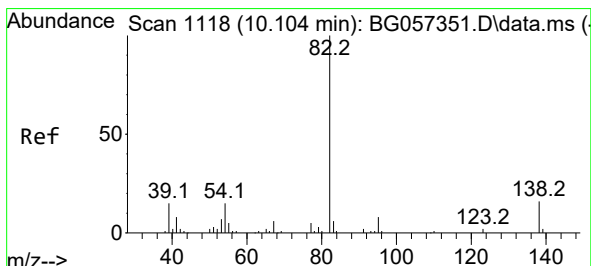
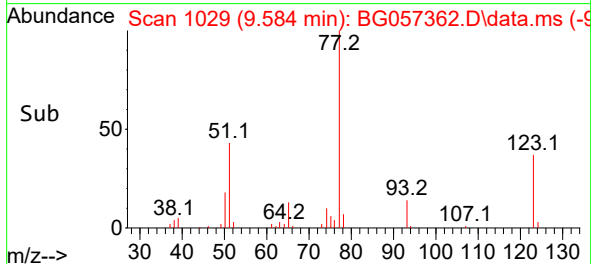
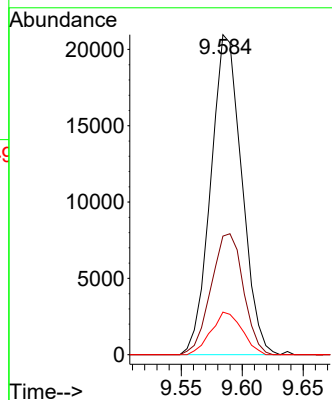
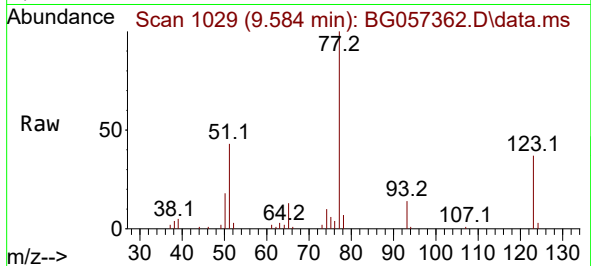




#22
Nitrobenzene
Concen: 20.641 ng/ul
RT: 9.584 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

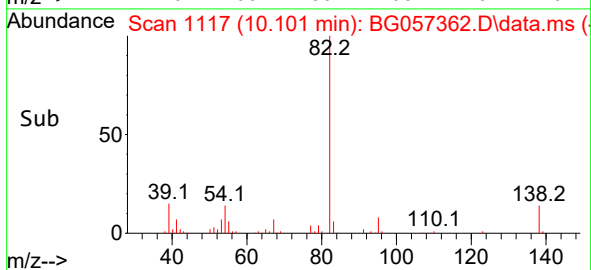
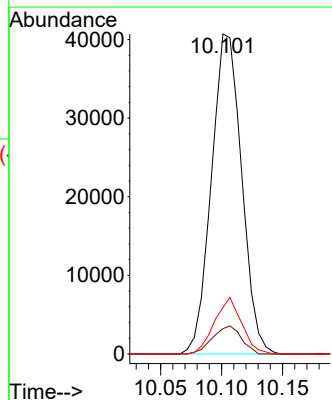
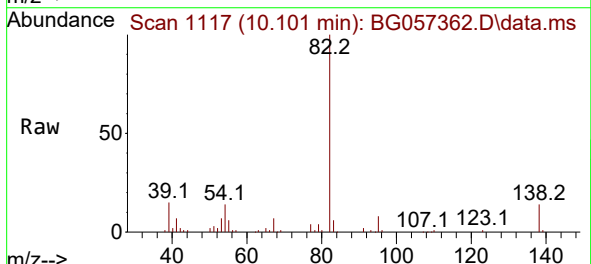
Instrument :
BNA_G
ClientSampleId :
SSTD020482

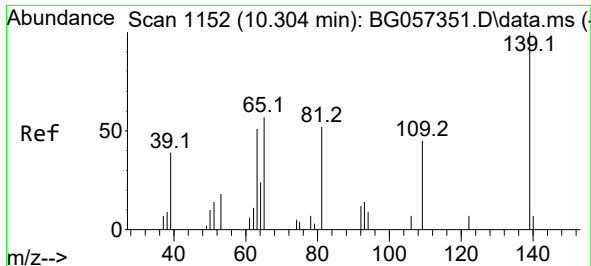
Tgt Ion: 77 Resp: 37091
Ion Ratio Lower Upper
77 100
123 37.1 29.6 44.4
65 13.3 11.4 17.0



#23
Isophorone
Concen: 20.534 ng/ul
RT: 10.101 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion: 82 Resp: 70202
Ion Ratio Lower Upper
82 100
95 7.9 6.8 10.2
138 14.5 12.2 18.2

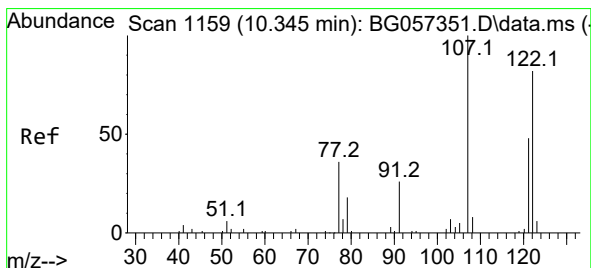
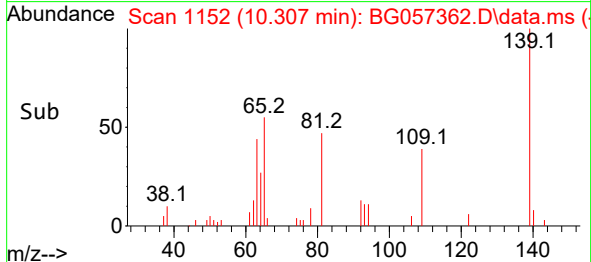
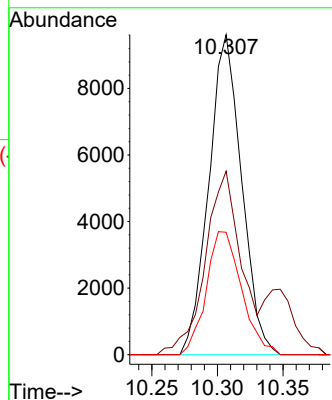
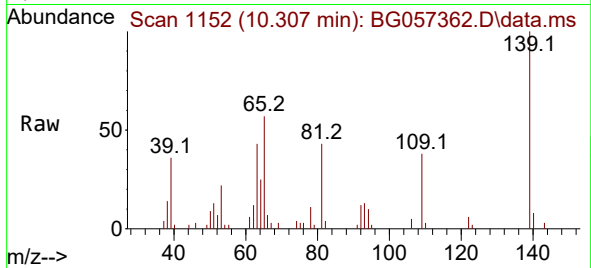




#25
2-Nitrophenol
Concen: 23.452 ng/ul
RT: 10.307 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

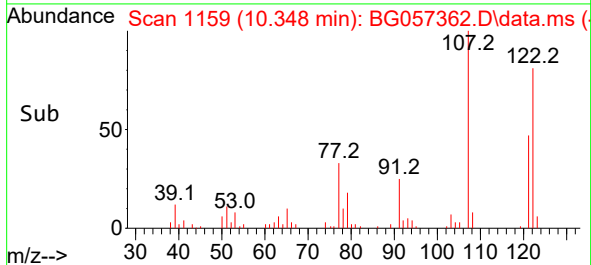
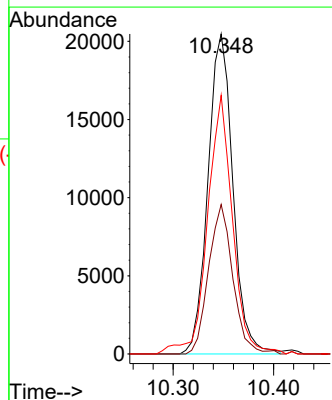
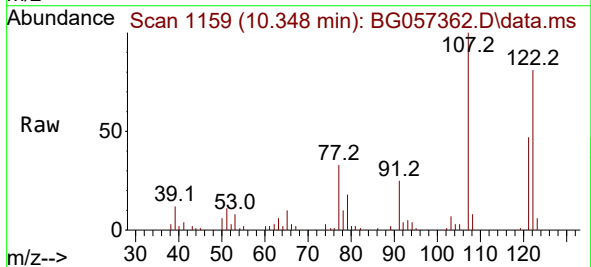
Instrument :
BNA_G
ClientSampleId :
SSTD020482

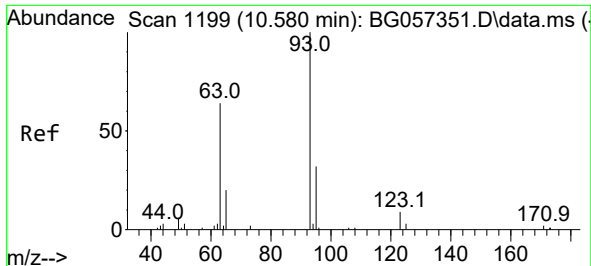
Tgt Ion:139 Resp: 16729
Ion Ratio Lower Upper
139 100
65 57.3 48.7 73.1
109 38.2 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 21.881 ng/ul
RT: 10.348 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:107 Resp: 35407
Ion Ratio Lower Upper
107 100
121 46.7 35.4 53.0
122 80.8 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 20.950 ng/ul

RT: 10.577 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Instrument :

BNA_G

ClientSampleId :

SSTD020482

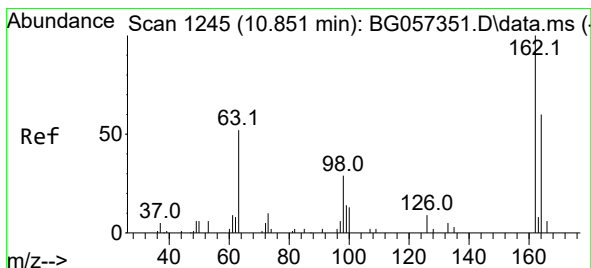
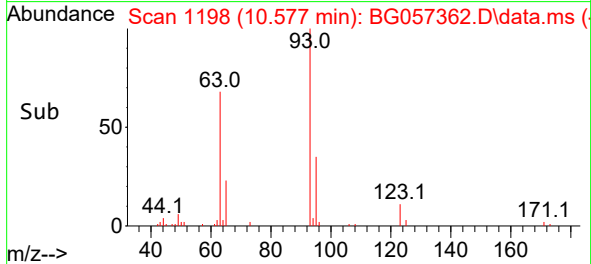
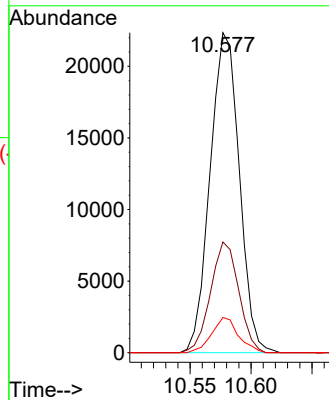
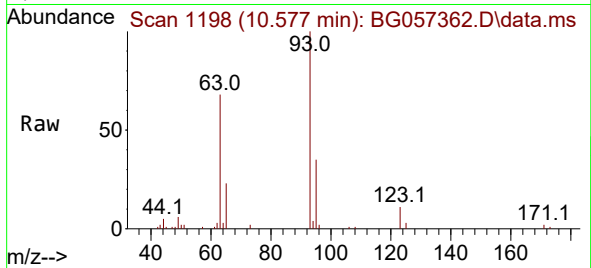
Tgt Ion: 93 Resp: 37233

Ion Ratio Lower Upper

93 100

95 34.6 24.8 37.2

123 11.0 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 23.192 ng/ul

RT: 10.847 min Scan# 1244

Delta R.T. -0.012 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

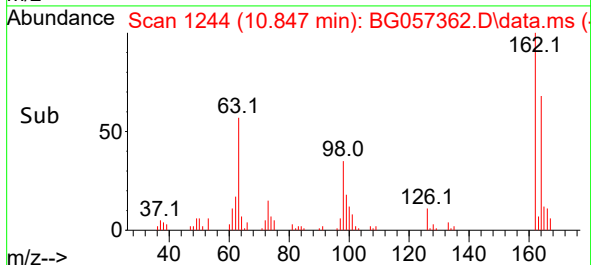
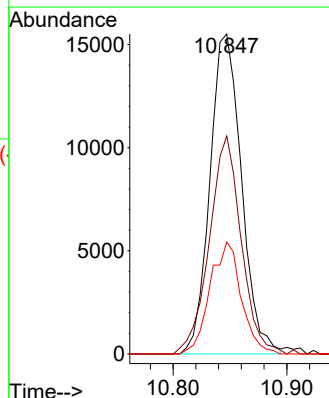
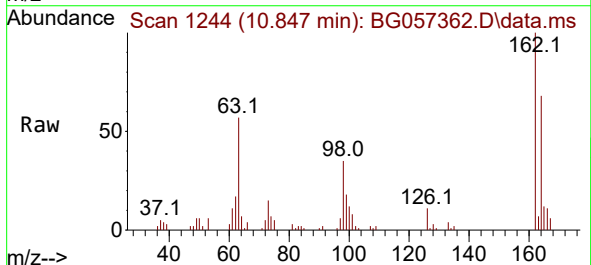
Tgt Ion:162 Resp: 29910

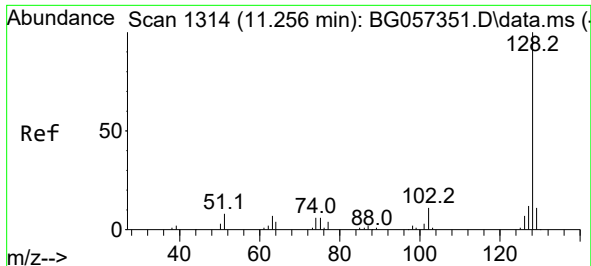
Ion Ratio Lower Upper

162 100

164 68.1 50.5 75.7

98 35.0 27.5 41.3

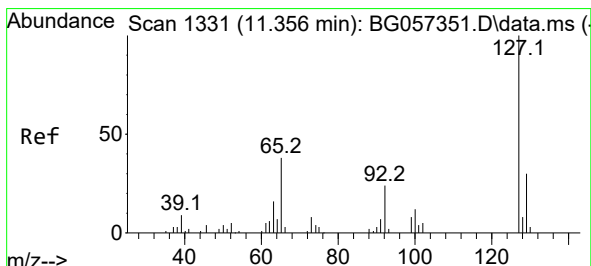
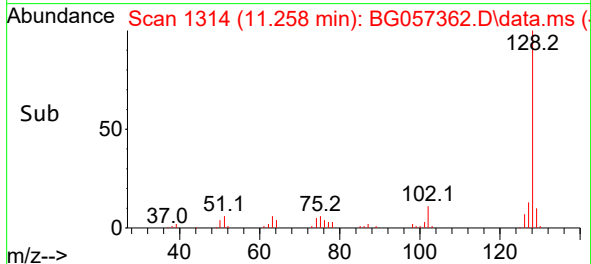
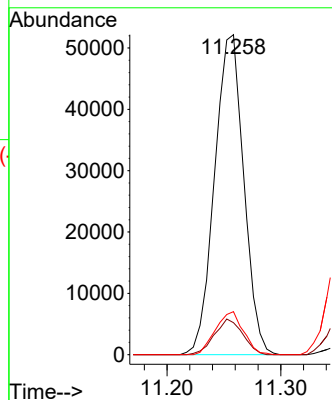
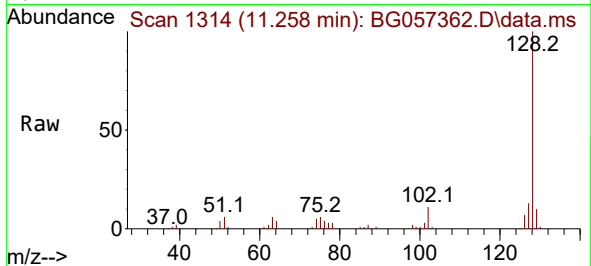




#30
Naphthalene
Concen: 22.365 ng/ul
RT: 11.258 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

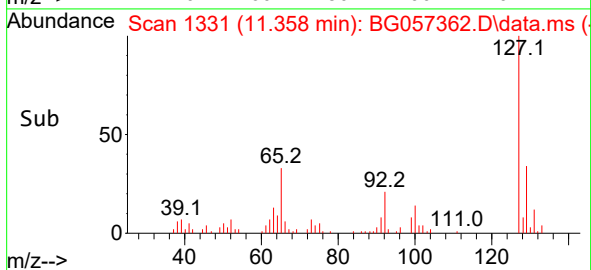
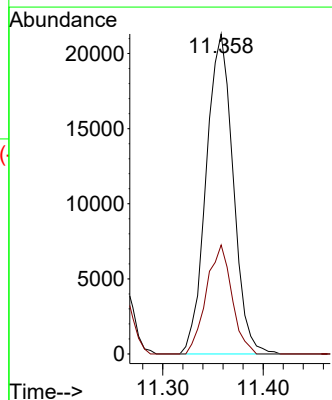
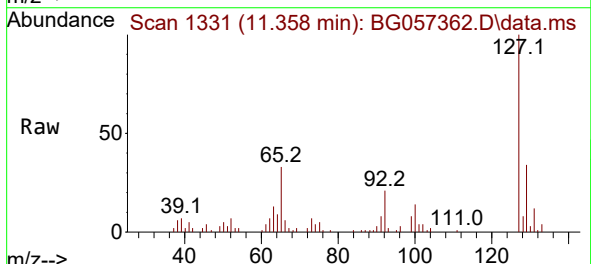
Instrument :
BNA_G
ClientSampleId :
SSTD020482

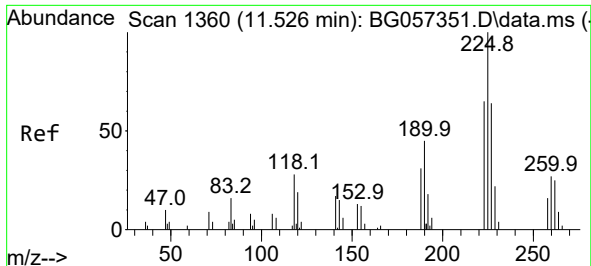
Tgt Ion:128 Resp: 93051
Ion Ratio Lower Upper
128 100
129 10.0 8.5 12.7
127 13.5 11.4 17.0



#32
4-Chloroaniline
Concen: 21.239 ng/ul
RT: 11.358 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:127 Resp: 39852
Ion Ratio Lower Upper
127 100
129 34.0 25.4 38.0

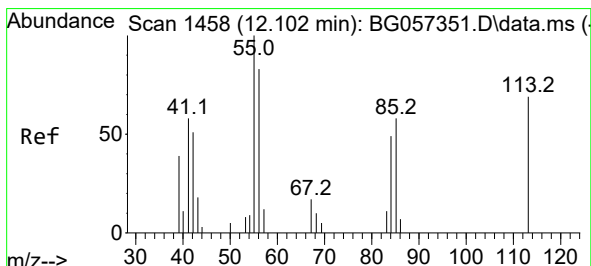
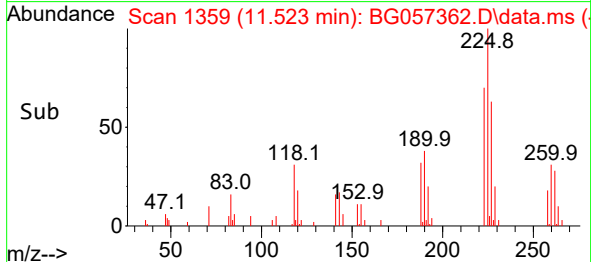
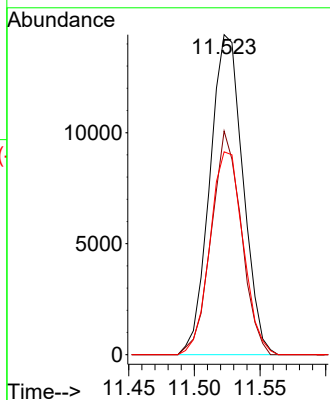
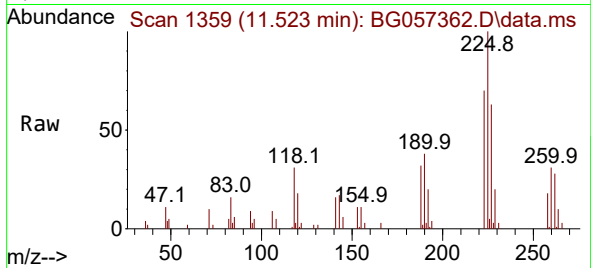




#33
Hexachlorobutadiene
Concen: 23.131 ng/ul
RT: 11.523 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

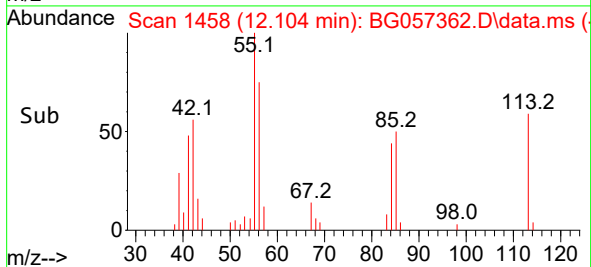
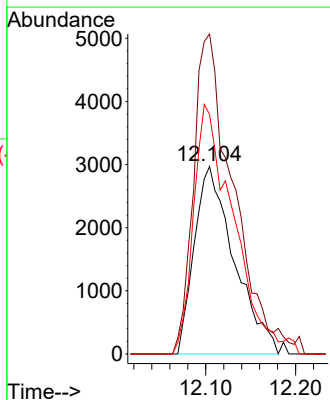
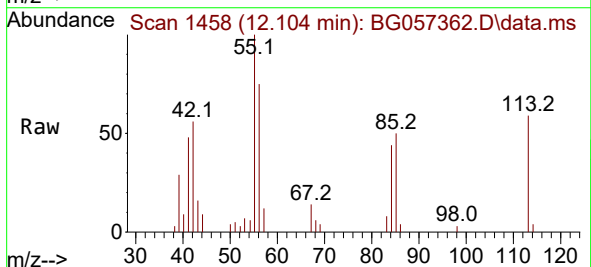
Instrument :
BNA_G
ClientSampleId :
SSTD020482

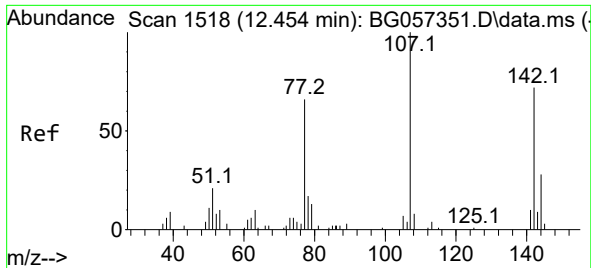
Tgt Ion:225 Resp: 25302
Ion Ratio Lower Upper
225 100
223 69.9 47.5 71.3
227 63.4 48.4 72.6



#34
Caprolactam
Concen: 21.031 ng/ul
RT: 12.104 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:113 Resp: 9131
Ion Ratio Lower Upper
113 100
55 170.6 123.1 184.7
56 127.7 98.7 148.1

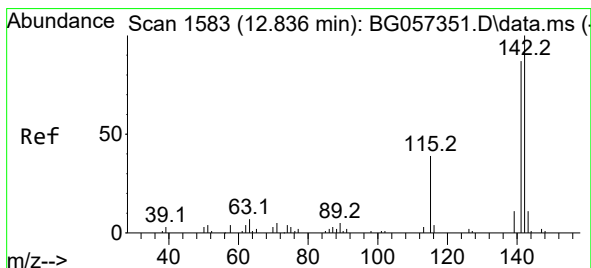
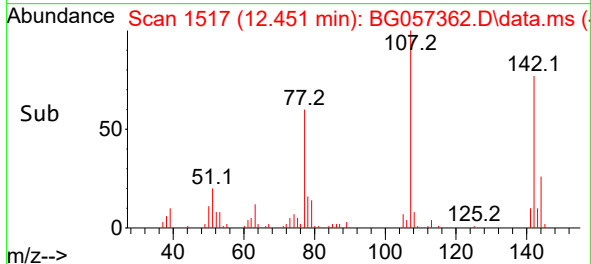
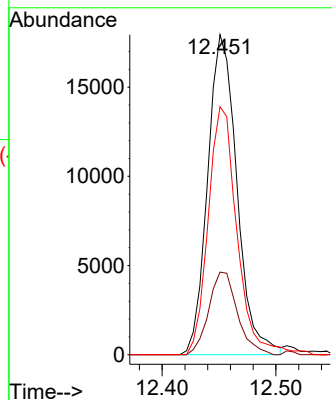
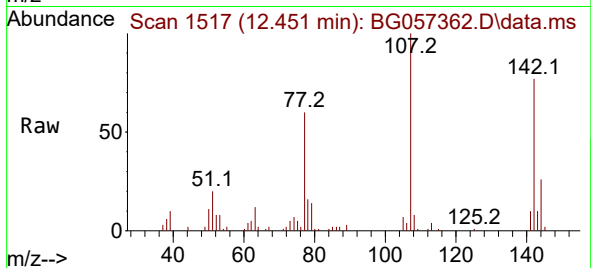




#35
4-Chloro-3-methylphenol
Concen: 21.649 ng/ul
RT: 12.451 min Scan# 1518
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

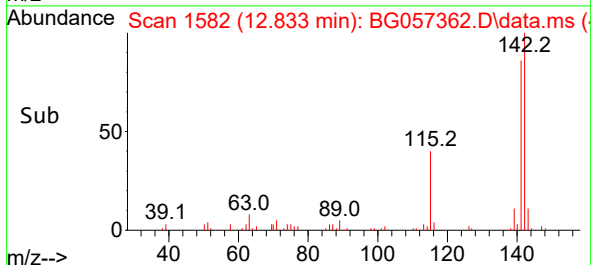
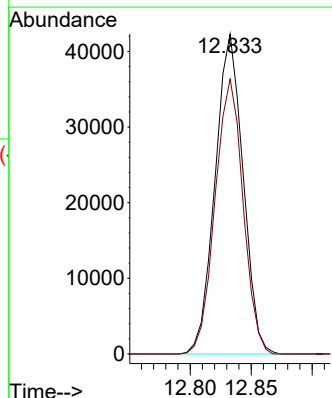
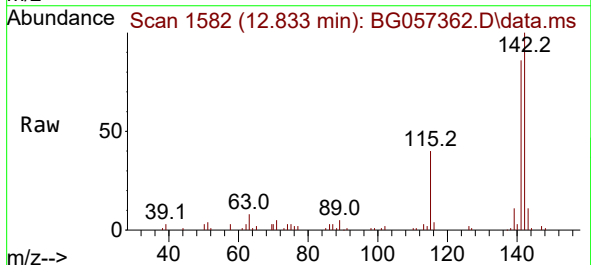
Instrument :
BNA_G
ClientSampleId :
SSTD020482

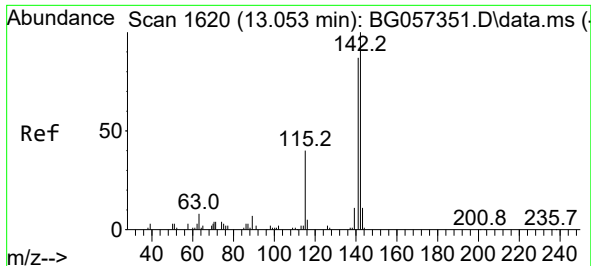
Tgt Ion:107 Resp: 32124
Ion Ratio Lower Upper
107 100
144 25.8 18.3 27.5
142 77.5 58.6 88.0



#36
2-Methylnaphthalene
Concen: 22.119 ng/ul
RT: 12.833 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:142 Resp: 67486
Ion Ratio Lower Upper
142 100
141 85.9 68.7 103.1

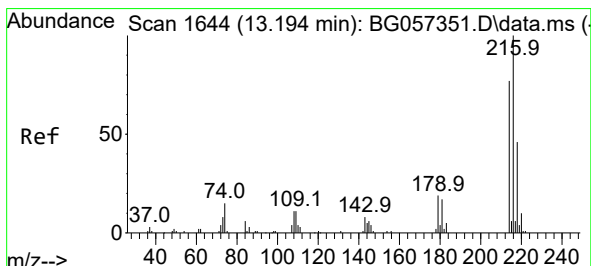
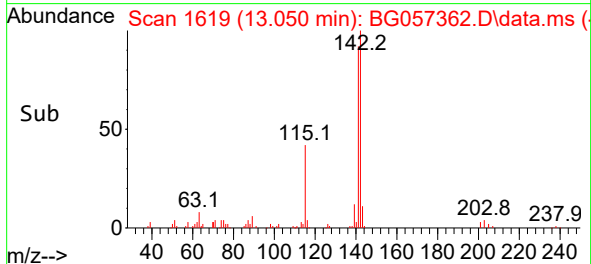
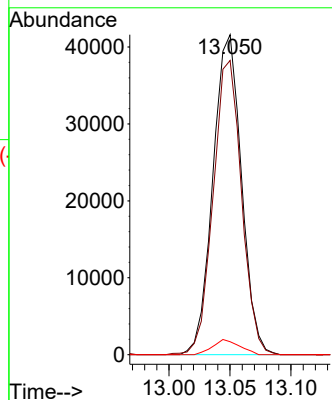
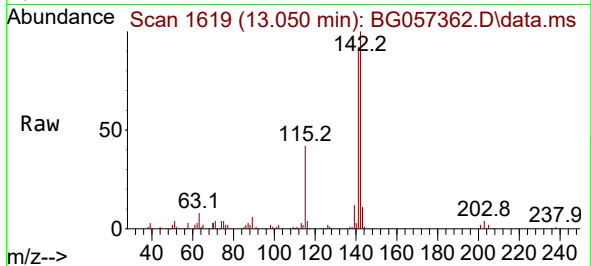




#37
1-Methylnaphthalene
Concen: 22.078 ng/ul
RT: 13.050 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

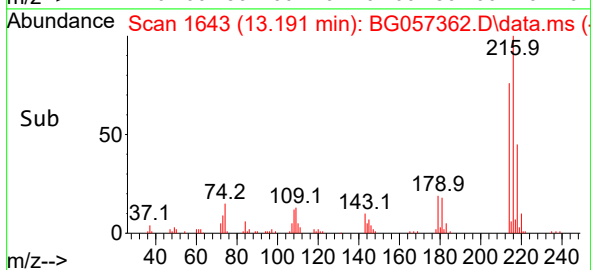
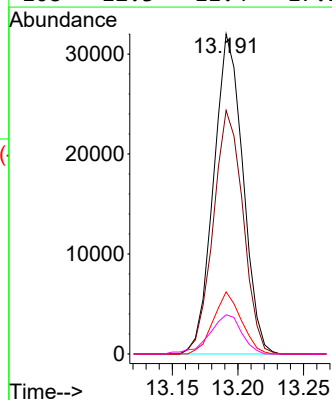
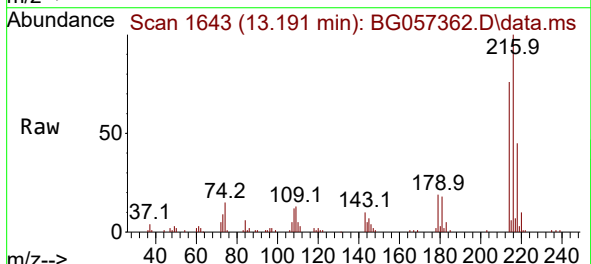
Instrument :
BNA_G
ClientSampleId :
SSTD020482

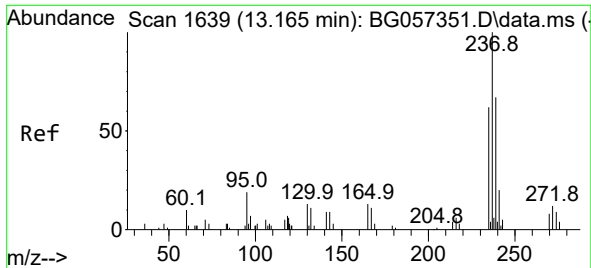
Tgt Ion:142 Resp: 67734
Ion Ratio Lower Upper
142 100
141 92.0 72.9 109.3
116 4.1 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.313 ng/ul
RT: 13.191 min Scan# 1643
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:216 Resp: 49619
Ion Ratio Lower Upper
216 100
214 76.1 62.9 94.3
179 19.4 15.3 22.9
108 12.3 11.4 17.2

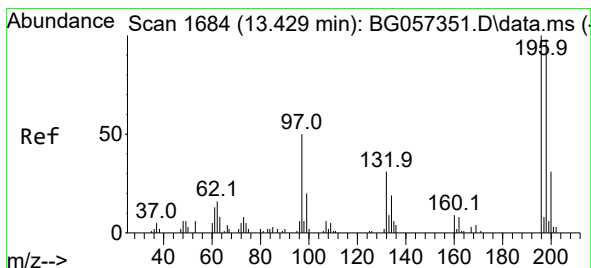
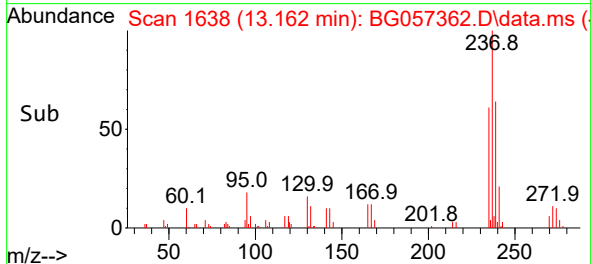
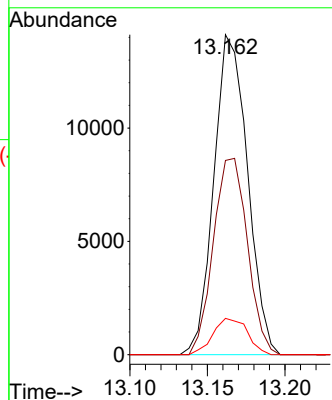
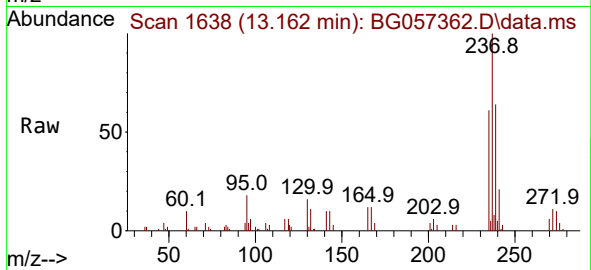




#40
Hexachlorocyclopentadiene
Concen: 20.058 ng/ul
RT: 13.162 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

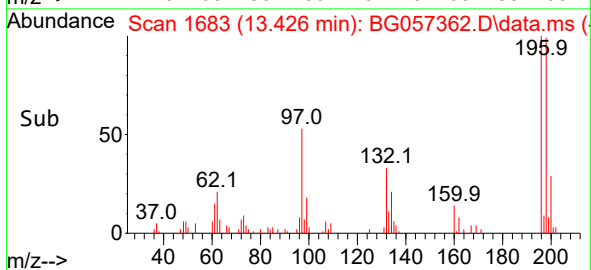
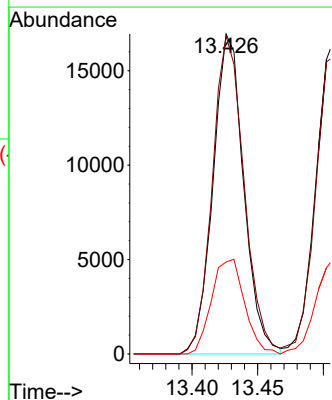
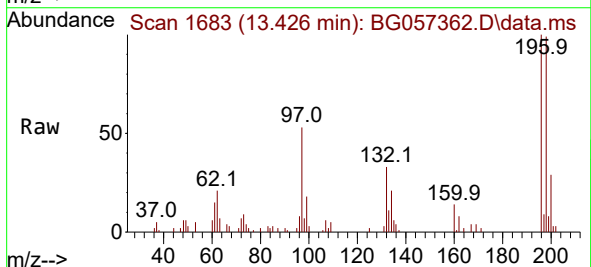
Instrument :
BNA_G
ClientSampleId :
SSTD020482

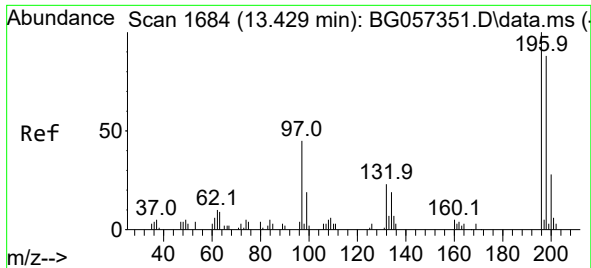
Tgt Ion:237 Resp: 21304
Ion Ratio Lower Upper
237 100
235 60.7 51.4 77.0
272 11.3 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 22.192 ng/ul
RT: 13.426 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:196 Resp: 27508
Ion Ratio Lower Upper
196 100
198 99.3 83.8 125.8
200 28.7 26.6 40.0

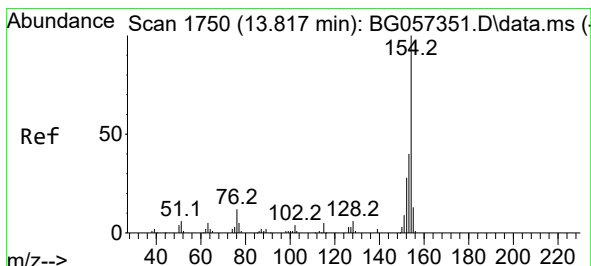
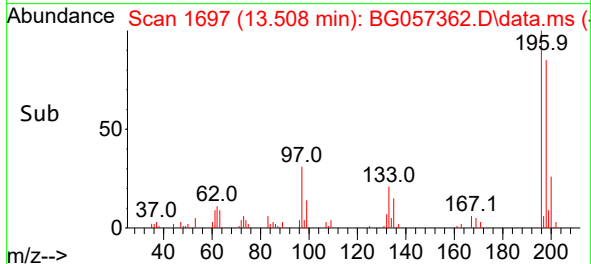
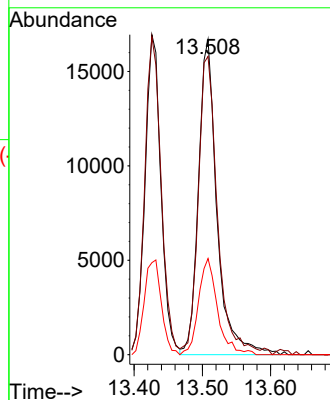
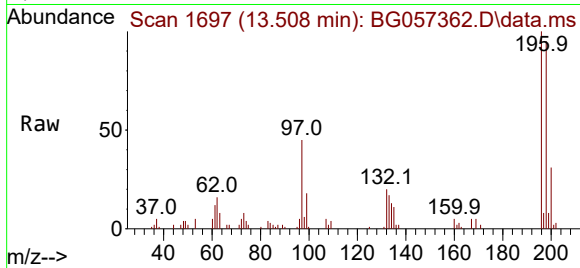




#42
2,4,5-Trichlorophenol
Concen: 23.718 ng/ul
RT: 13.508 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

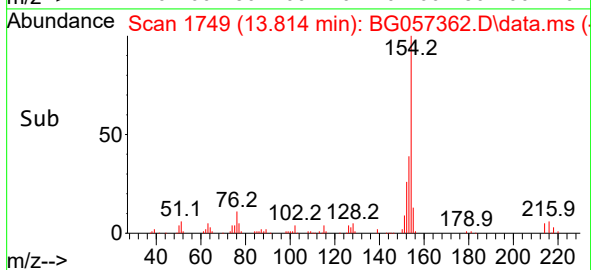
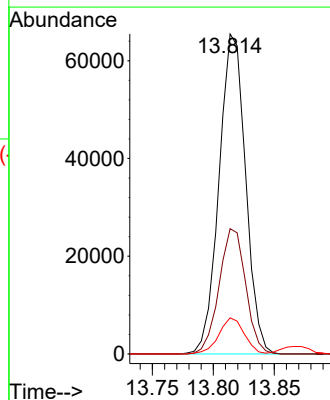
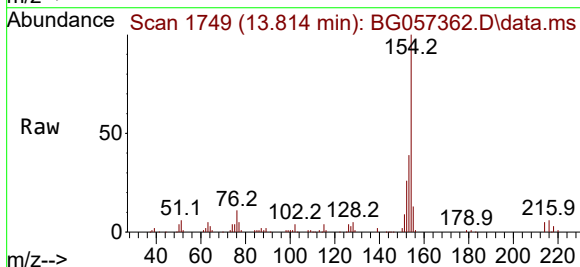
Instrument :
BNA_G
ClientSampleId :
SSTD020482

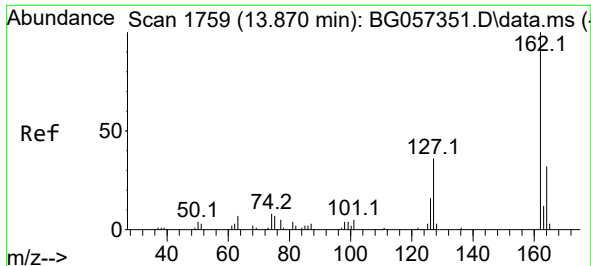
Tgt Ion:196 Resp: 31565
Ion Ratio Lower Upper
196 100
198 94.6 85.7 128.5
200 30.5 29.9 44.9



#43
1,1'-Biphenyl
Concen: 22.205 ng/ul
RT: 13.814 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:154 Resp: 99234
Ion Ratio Lower Upper
154 100
153 39.2 31.6 47.4
76 11.3 8.0 12.0

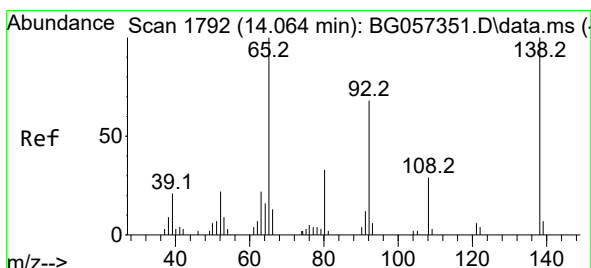
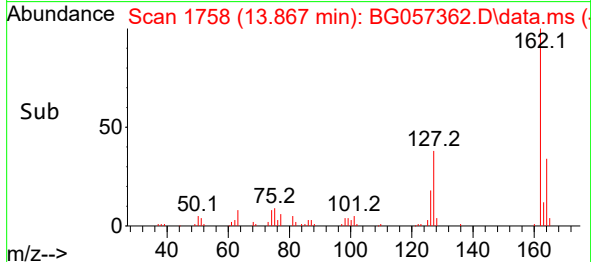
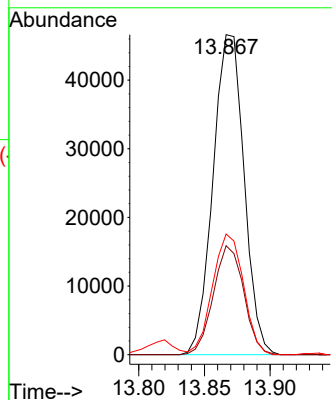
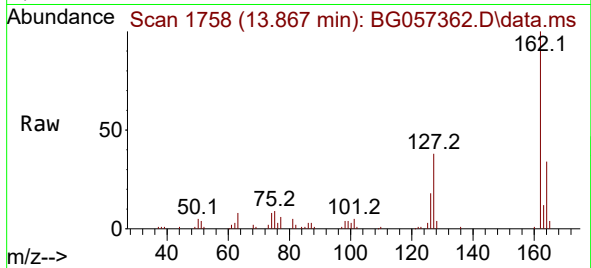




#44
2-Chloronaphthalene
Concen: 22.151 ng/ul
RT: 13.867 min Scan# 1758
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

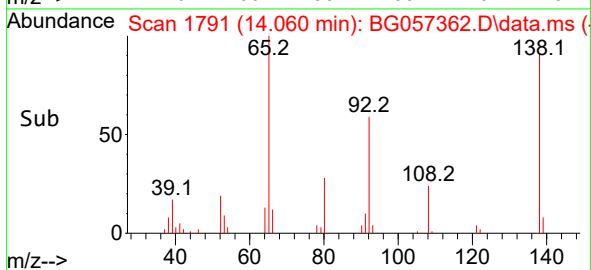
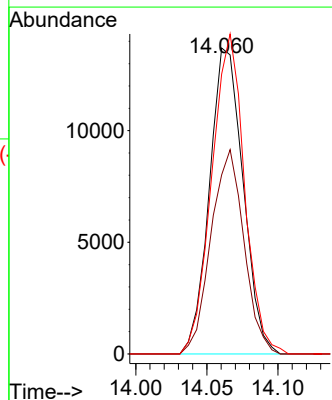
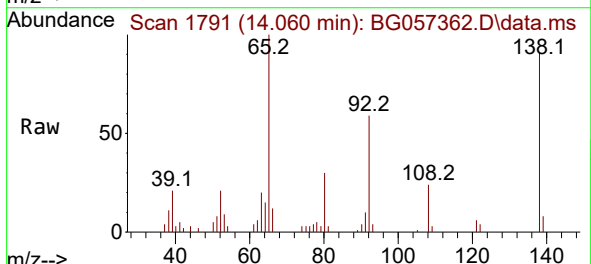
Instrument :
BNA_G
ClientSampleId :
SSTD020482

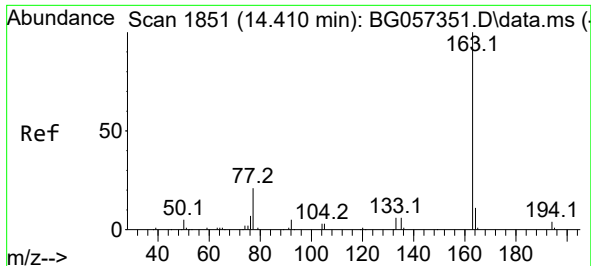
Tgt Ion:162 Resp: 76757
Ion Ratio Lower Upper
162 100
164 34.1 26.2 39.4
127 37.7 29.4 44.2



#45
2-Nitroaniline
Concen: 21.554 ng/ul
RT: 14.060 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion: 65 Resp: 22547
Ion Ratio Lower Upper
65 100
92 58.5 51.8 77.6
138 91.5 71.9 107.9

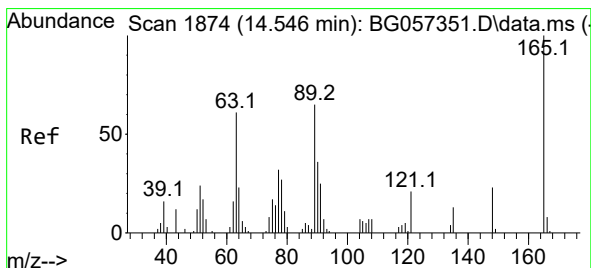
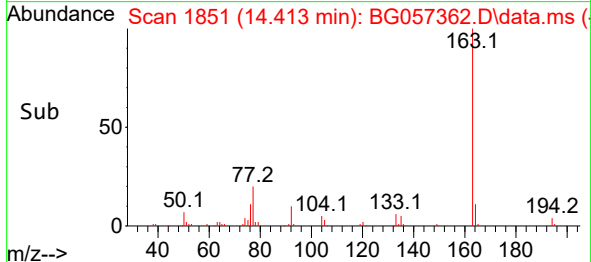
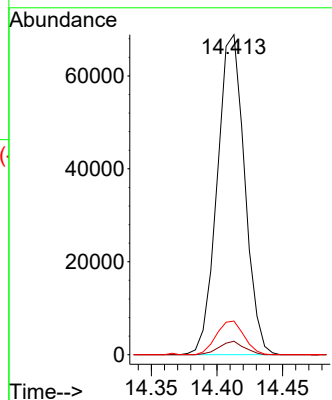
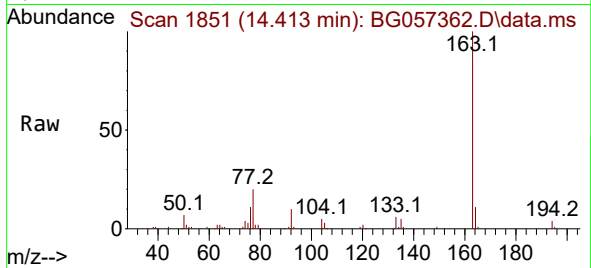




#47
Dimethylphthalate
Concen: 21.451 ng/ul
RT: 14.413 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

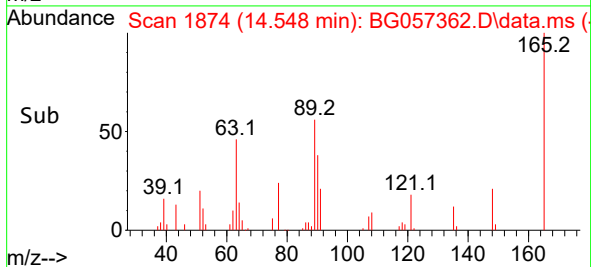
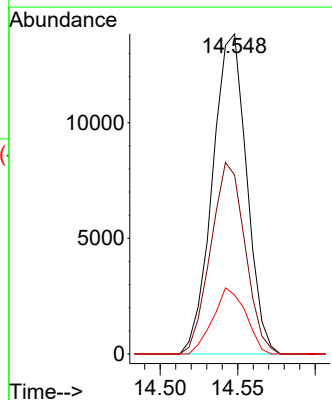
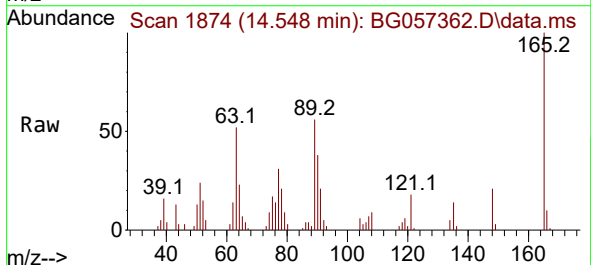
Instrument :
BNA_G
ClientSampleId :
SSTD020482

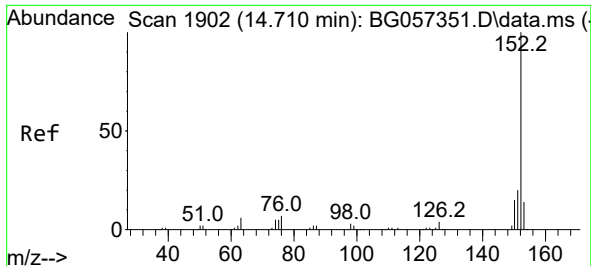
Tgt Ion:163 Resp: 99970
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.5 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 22.068 ng/ul
RT: 14.548 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:165 Resp: 21165
Ion Ratio Lower Upper
165 100
89 55.9 50.6 76.0
121 18.5 16.8 25.2

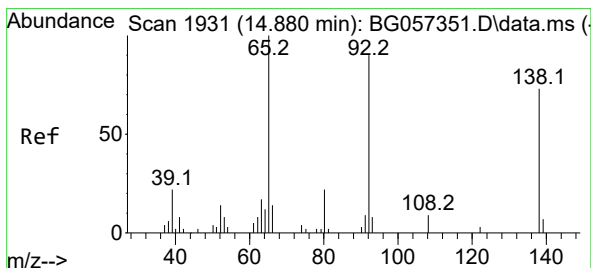
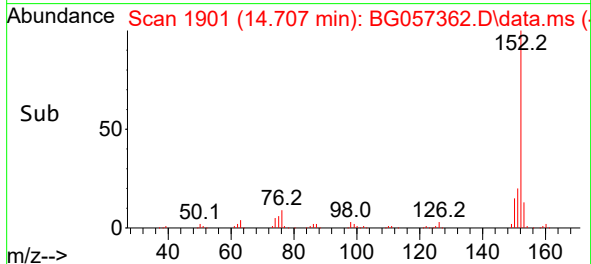
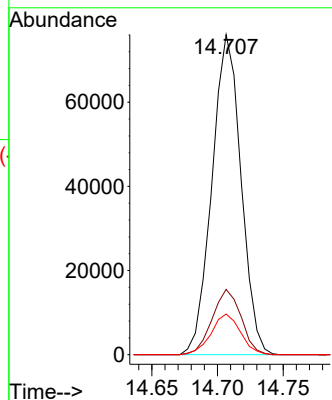
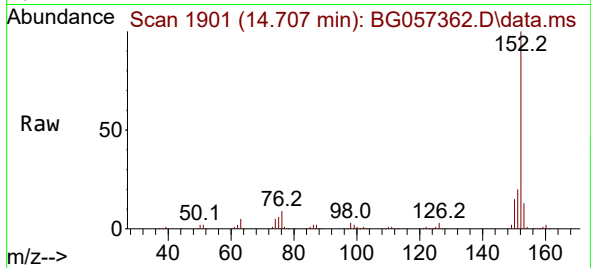




#50
Acenaphthylene
Concen: 22.070 ng/ul
RT: 14.707 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

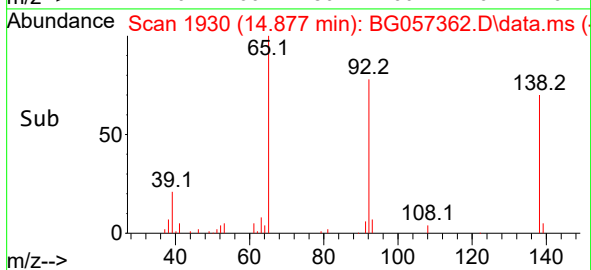
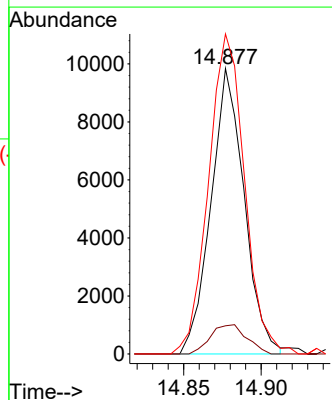
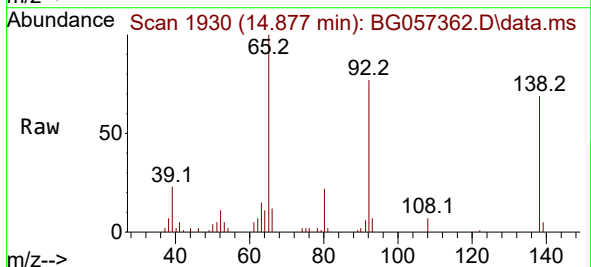
Instrument :
BNA_G
ClientSampleId :
SSTD020482

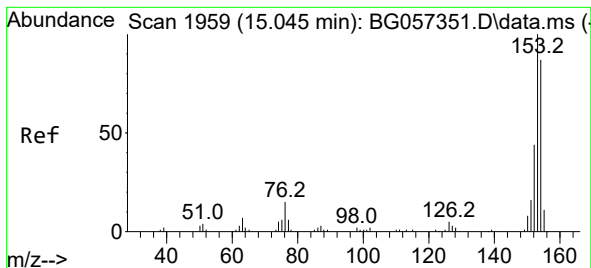
Tgt Ion:152 Resp: 116979
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.7 10.1 15.1



#51
3-Nitroaniline
Concen: 21.548 ng/ul
RT: 14.877 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:138 Resp: 14643
Ion Ratio Lower Upper
138 100
108 9.9 9.2 13.8
92 112.1 99.5 149.3





#52

Acenaphthene

Concen: 21.462 ng/ul

RT: 15.041 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Instrument :

BNA_G

ClientSampleId :

SSTD020482

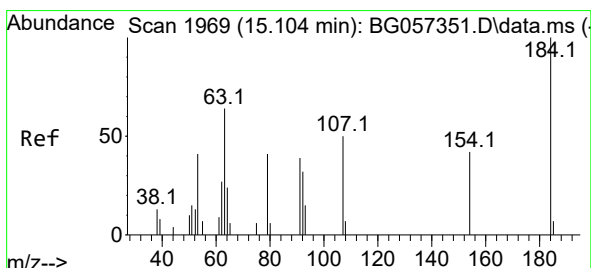
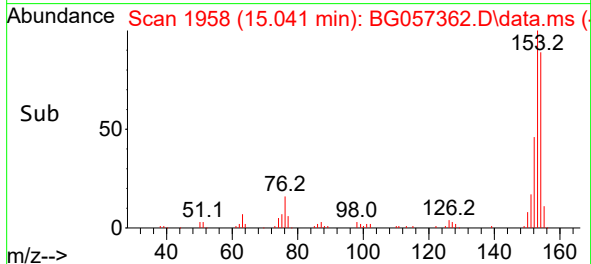
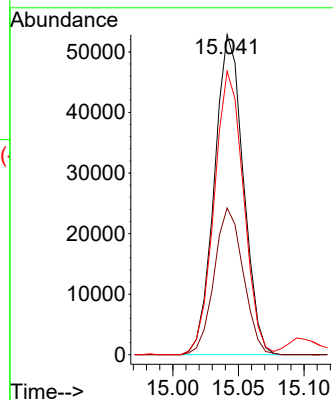
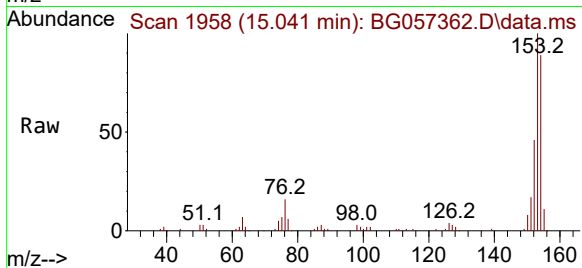
Tgt Ion:153 Resp: 81052

Ion Ratio Lower Upper

153 100

152 45.9 36.5 54.7

154 88.5 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 17.093 ng/ul

RT: 15.100 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

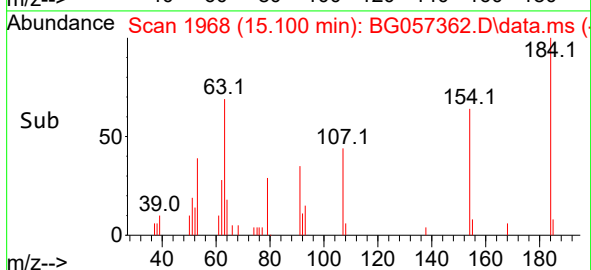
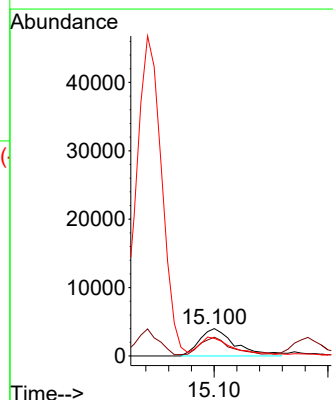
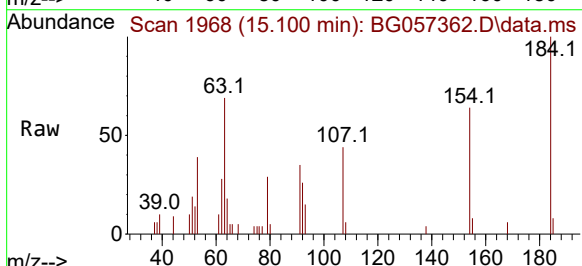
Tgt Ion:184 Resp: 8730

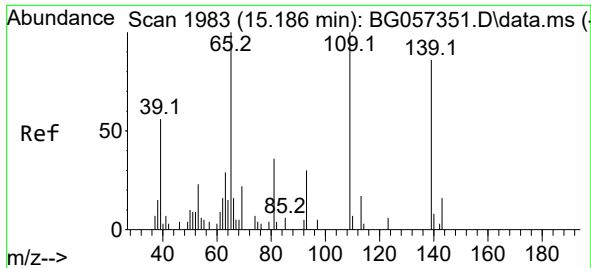
Ion Ratio Lower Upper

184 100

63 68.6 48.3 72.5

154 64.3 50.0 75.0

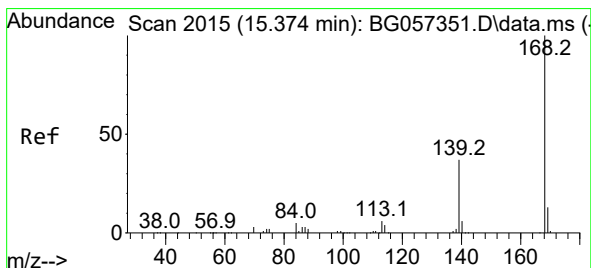
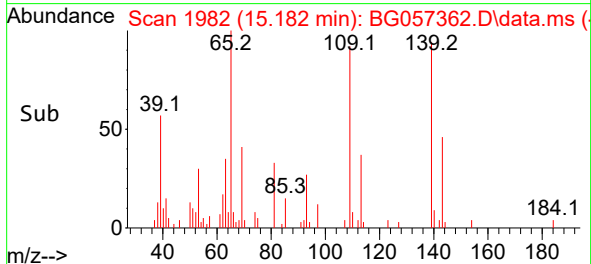
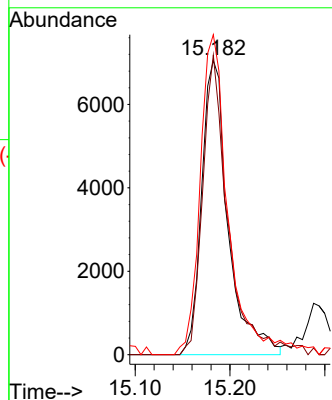
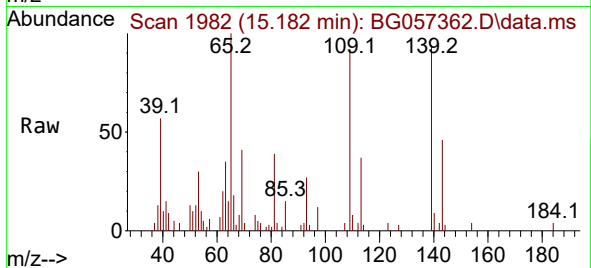




#55
4-Nitrophenol
Concen: 17.884 ng/ul
RT: 15.182 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

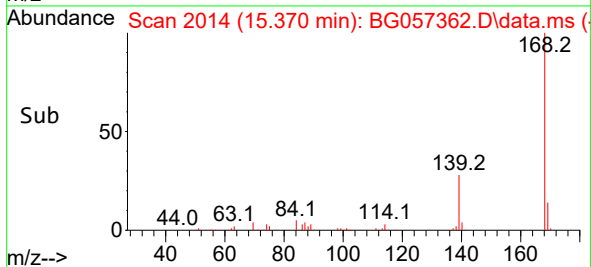
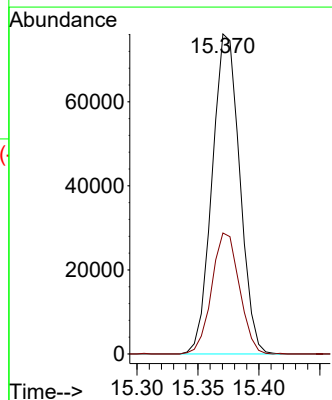
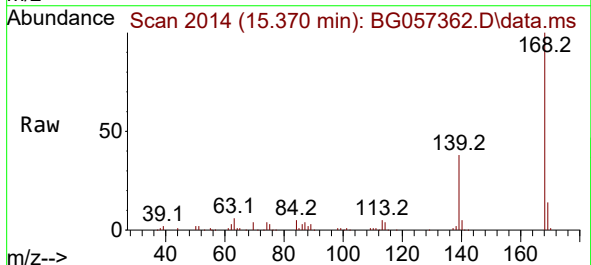
Instrument :
BNA_G
ClientSampleId :
SSTD020482

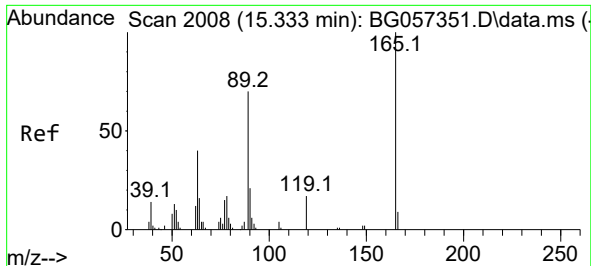
Tgt Ion:109 Resp: 13695
Ion Ratio Lower Upper
109 100
139 101.8 73.8 110.8
65 108.7 81.7 122.5



#56
Dibenzofuran
Concen: 21.941 ng/ul
RT: 15.370 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:168 Resp: 119656
Ion Ratio Lower Upper
168 100
139 37.8 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 22.067 ng/ul

RT: 15.329 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Instrument :

BNA_G

ClientSampleId :

SSTD020482

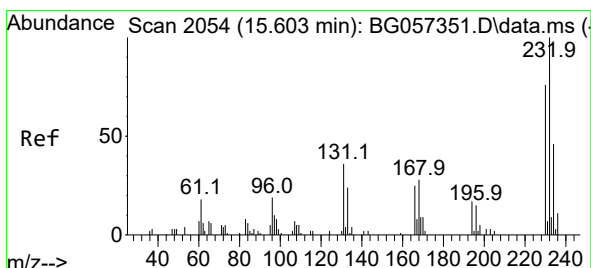
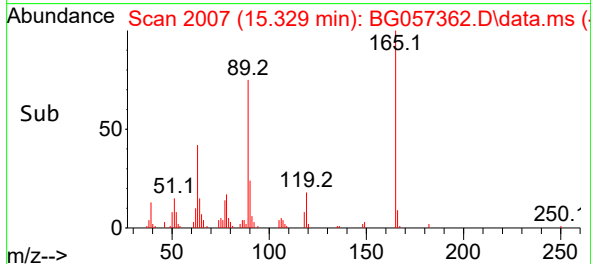
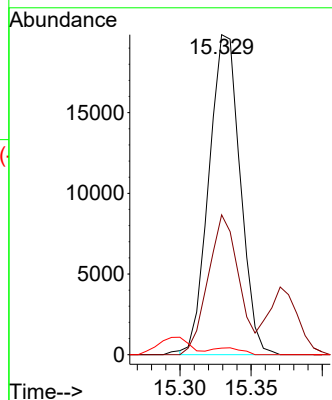
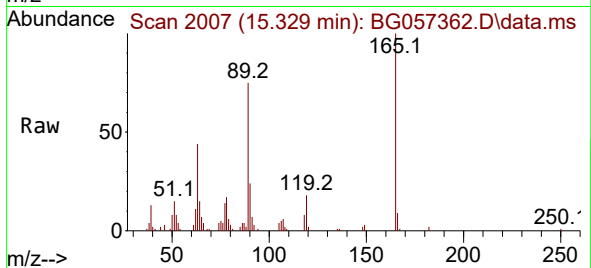
Tgt Ion:165 Resp: 30297

Ion Ratio Lower Upper

165 100

63 43.7 35.9 53.9

182 2.0 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.199 ng/ul

RT: 15.600 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Tgt Ion:232 Resp: 25636

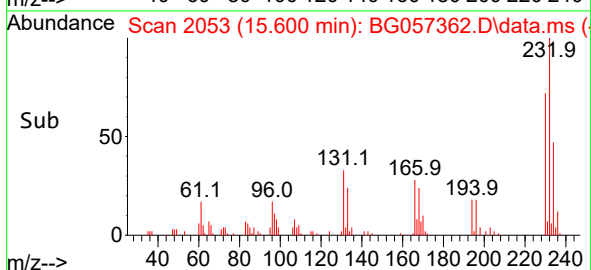
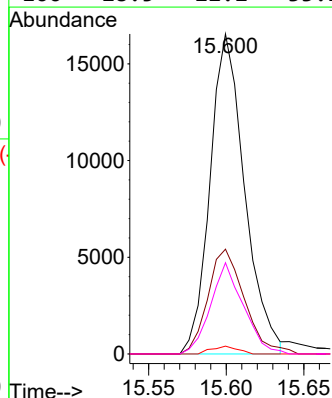
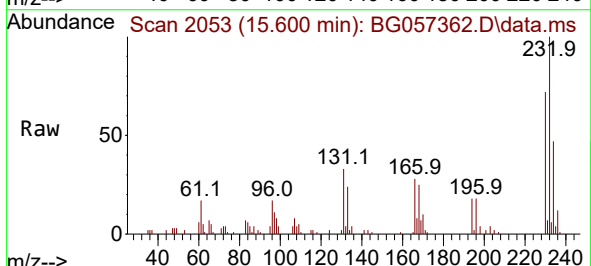
Ion Ratio Lower Upper

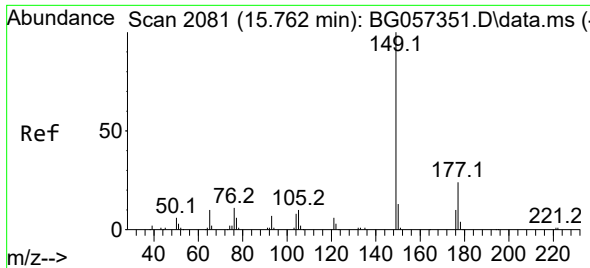
232 100

131 32.7 28.6 43.0

130 2.5 1.8 2.6

166 28.5 22.2 33.2

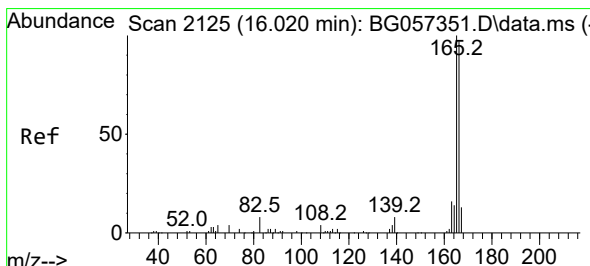
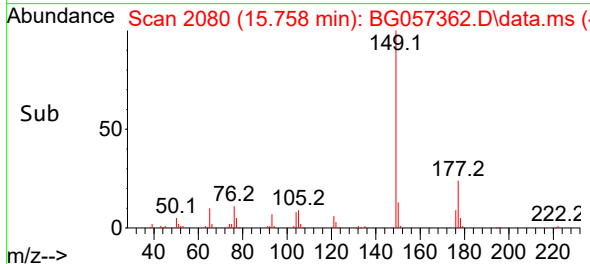
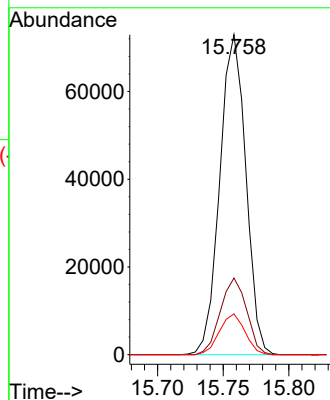
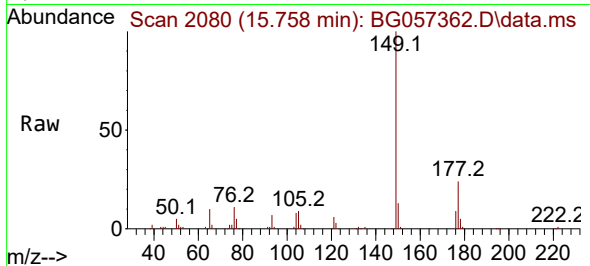




#59
Diethylphthalate
Concen: 21.253 ng/ul
RT: 15.758 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

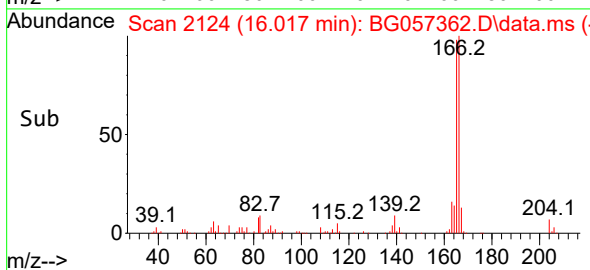
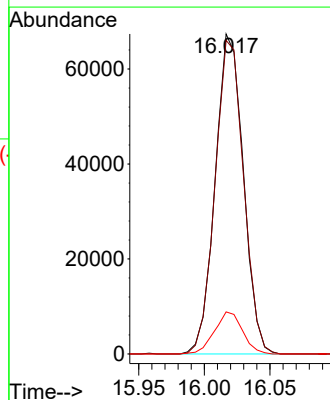
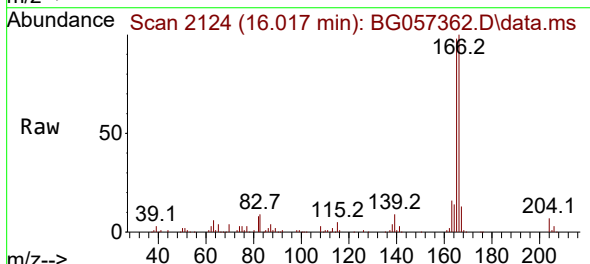
Instrument :
BNA_G
ClientSampleId :
SSTD020482

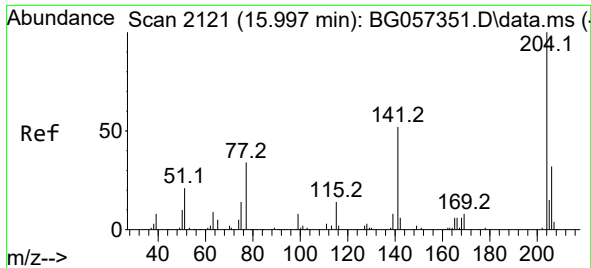
Tgt Ion:149 Resp: 100627
Ion Ratio Lower Upper
149 100
177 23.9 18.6 28.0
150 12.7 9.8 14.8



#61
Fluorene
Concen: 21.769 ng/ul
RT: 16.017 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:166 Resp: 100388
Ion Ratio Lower Upper
166 100
165 98.0 80.1 120.1
167 13.1 10.2 15.4

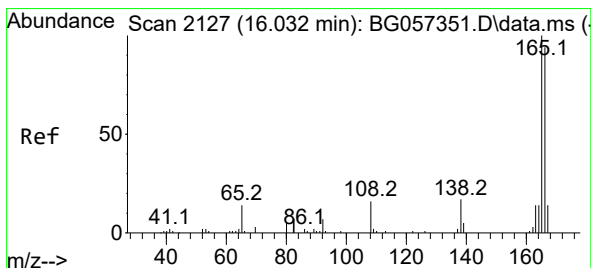
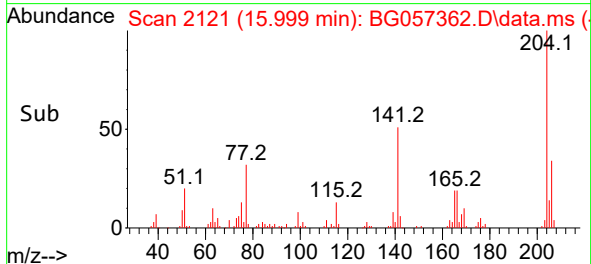
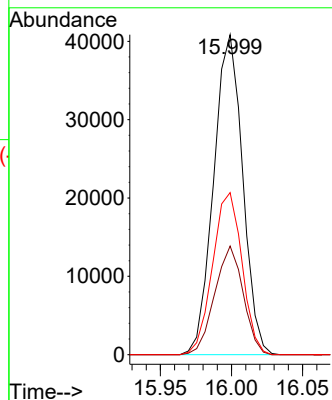
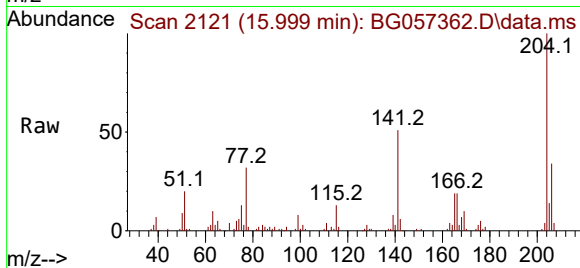




#62
4-Chlorophenyl-phenylether
Concen: 21.521 ng/ul
RT: 15.999 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

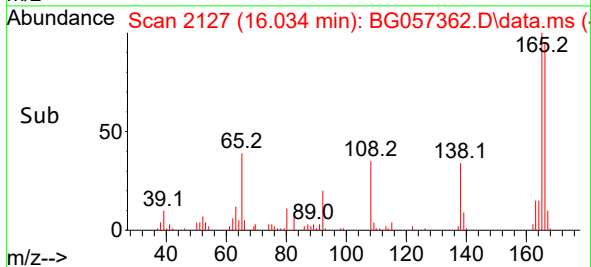
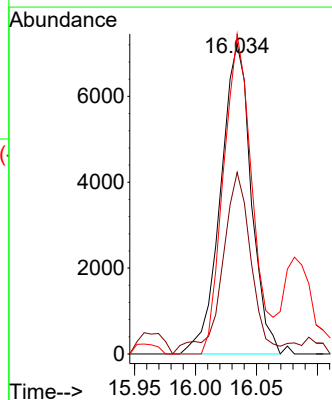
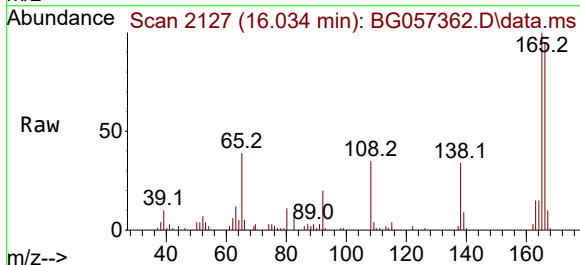
Instrument :
BNA_G
ClientSampleId :
SSTD020482

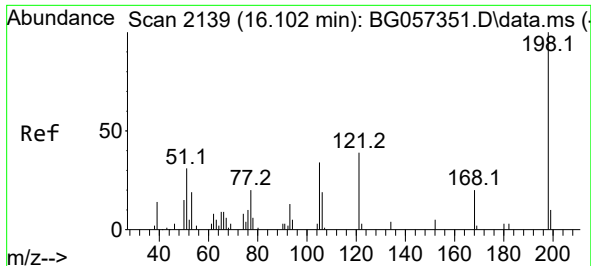
Tgt Ion:204 Resp: 57924
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 50.6 41.5 62.3



#63
4-Nitroaniline
Concen: 19.537 ng/ul
RT: 16.034 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:138 Resp: 12573
Ion Ratio Lower Upper
138 100
92 58.5 39.9 59.9
108 103.2 89.1 133.7

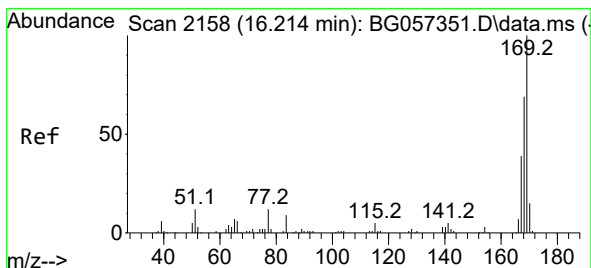
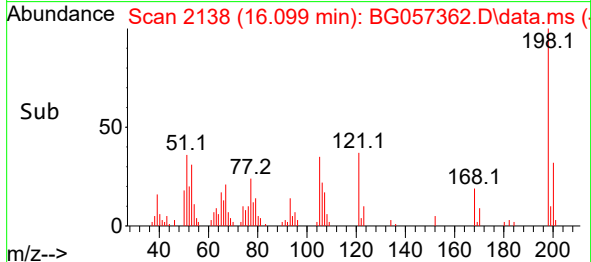
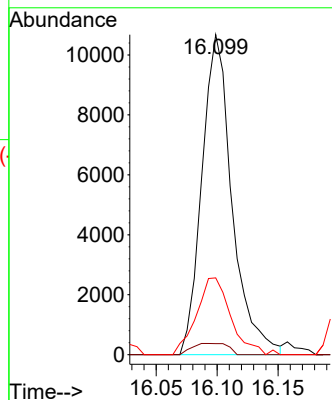
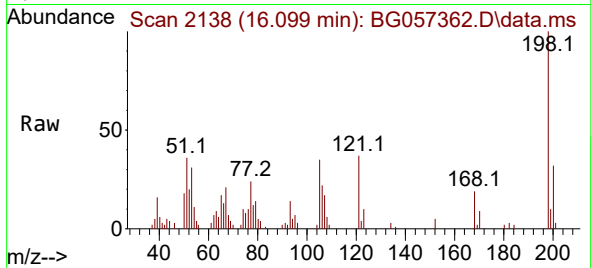




#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.395 ng/ul
 RT: 16.099 min Scan# 2138
 Delta R.T. -0.012 min
 Lab File: BG057362.D
 Acq: 9 May 2023 21:33

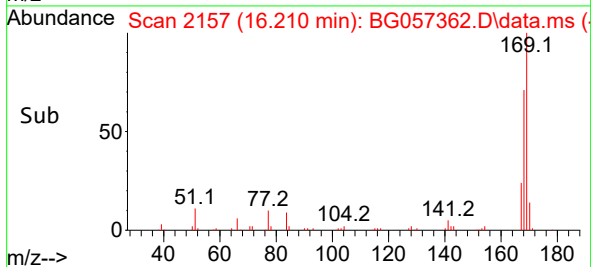
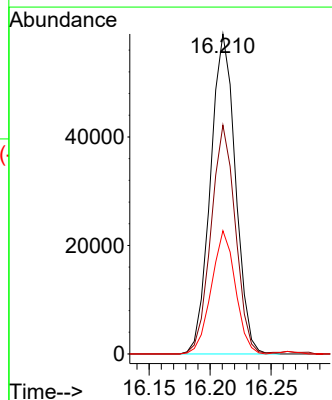
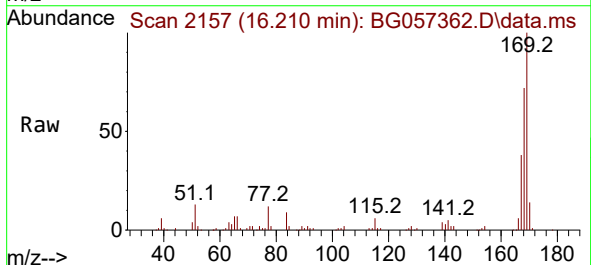
Instrument :
 BNA_G
 ClientSampleId :
 SST020482

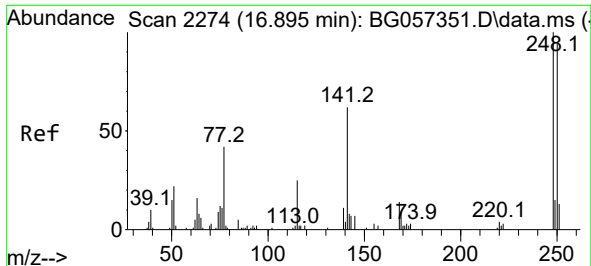
Tgt Ion:198 Resp: 18378
 Ion Ratio Lower Upper
 198 100
 182 3.5 3.0 4.6
 77 24.0 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 22.595 ng/ul
 RT: 16.210 min Scan# 2157
 Delta R.T. -0.012 min
 Lab File: BG057362.D
 Acq: 9 May 2023 21:33

Tgt Ion:169 Resp: 83978
 Ion Ratio Lower Upper
 169 100
 168 71.5 55.4 83.2
 167 38.5 31.0 46.4

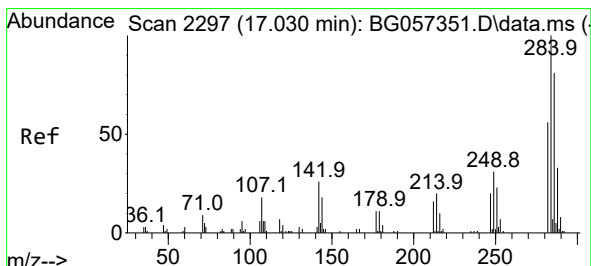
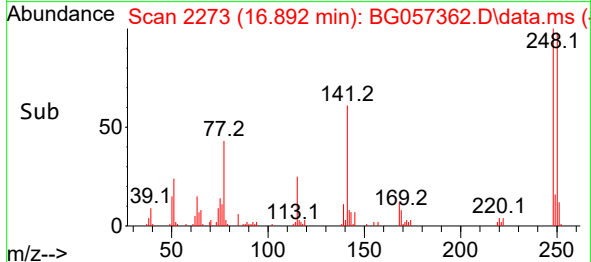
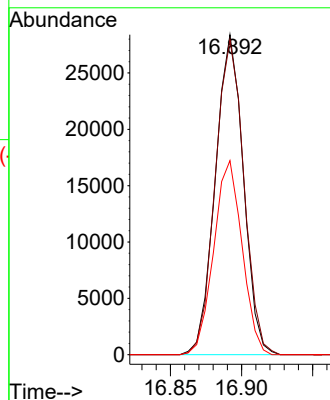
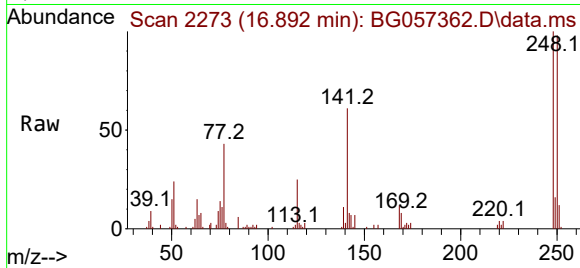




#68
4-Bromophenyl-phenylether
Concen: 22.889 ng/ul
RT: 16.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

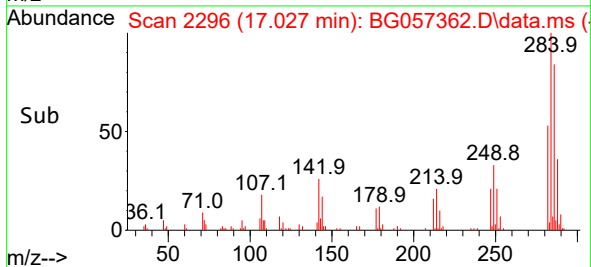
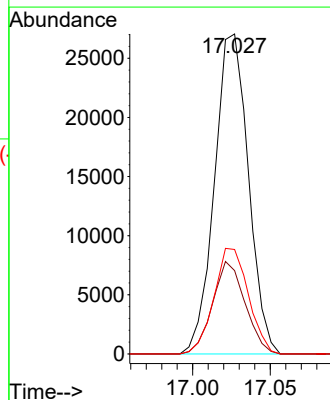
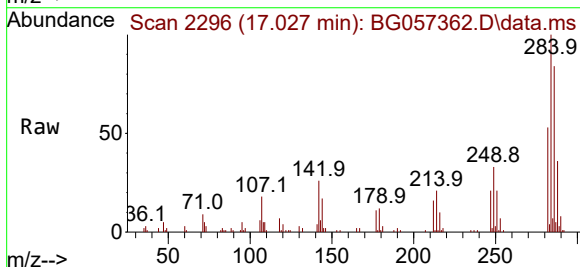
Instrument :
BNA_G
ClientSampleId :
SSTD020482

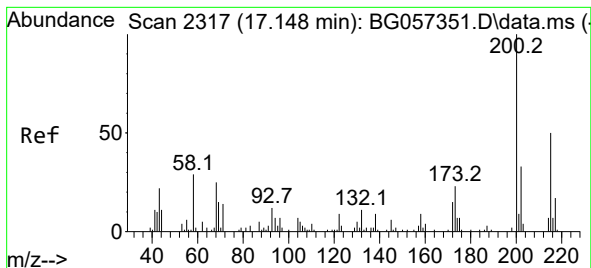
Tgt Ion:248 Resp: 38924
Ion Ratio Lower Upper
248 100
250 98.4 74.8 112.2
141 60.7 47.8 71.6



#69
Hexachlorobenzene
Concen: 22.959 ng/ul
RT: 17.027 min Scan# 2296
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:284 Resp: 41114
Ion Ratio Lower Upper
284 100
142 26.0 22.6 33.8
249 32.7 26.2 39.2





#70

Atrazine

Concen: 22.983 ng/ul

RT: 17.144 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Instrument :

BNA_G

ClientSampleId :

SSTD020482

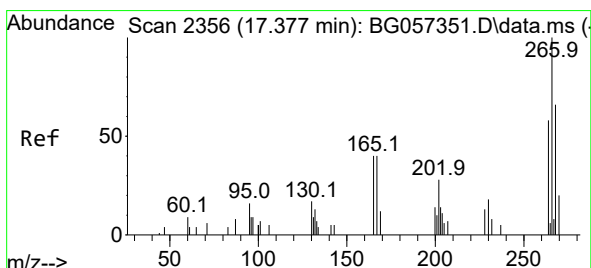
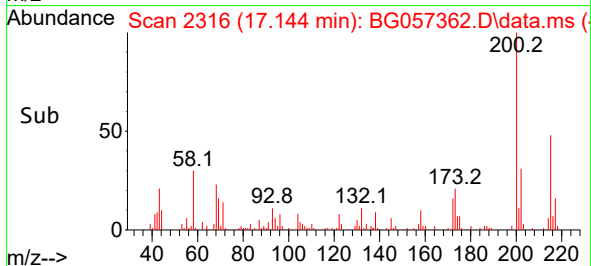
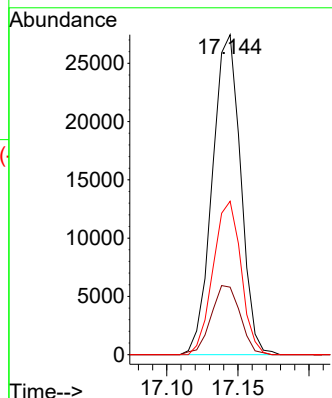
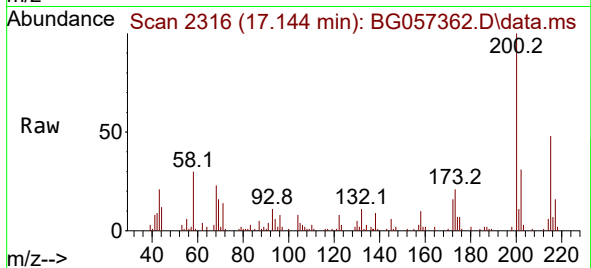
Tgt Ion:200 Resp: 37963

Ion Ratio Lower Upper

200 100

173 21.1 17.8 26.6

215 47.9 40.3 60.5



#71

Pentachlorophenol

Concen: 16.146 ng/ul

RT: 17.374 min Scan# 2355

Delta R.T. -0.012 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

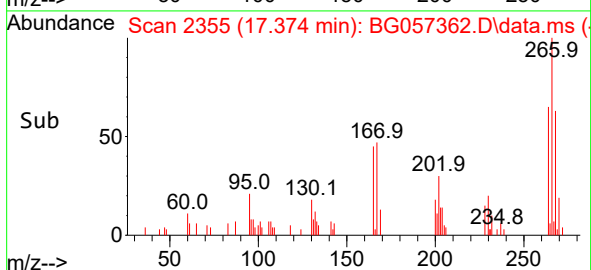
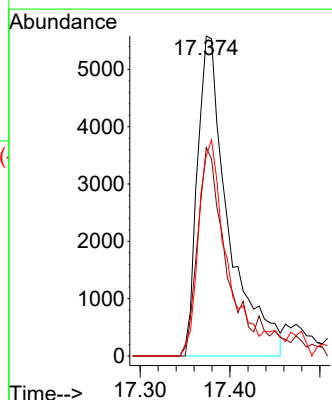
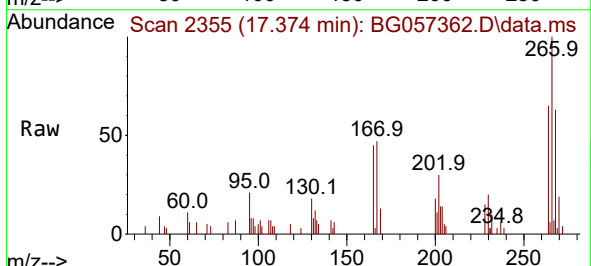
Tgt Ion:266 Resp: 13365

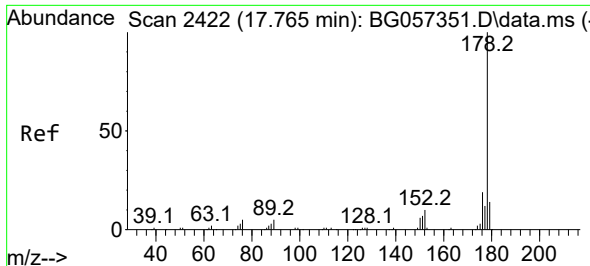
Ion Ratio Lower Upper

266 100

264 65.1 47.8 71.6

268 62.7 48.2 72.4

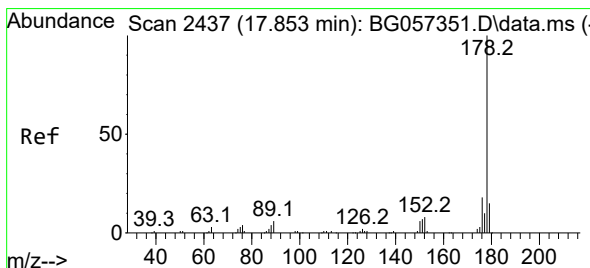
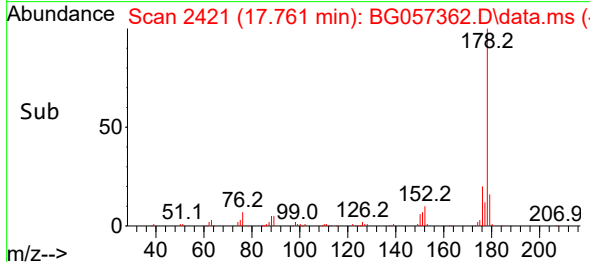
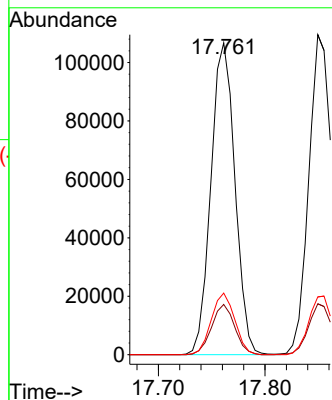
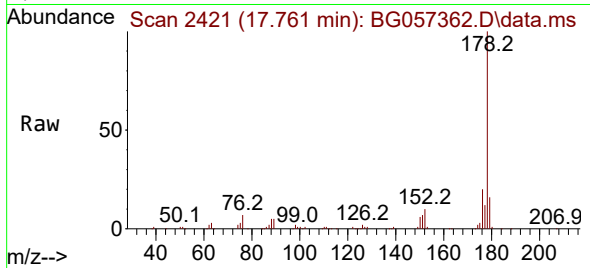




#72
Phenanthrene
Concen: 22.529 ng/ul
RT: 17.761 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

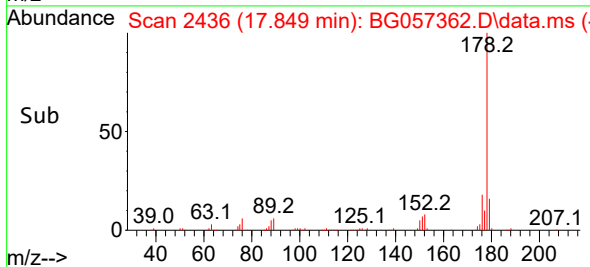
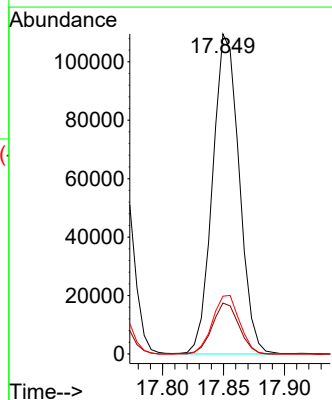
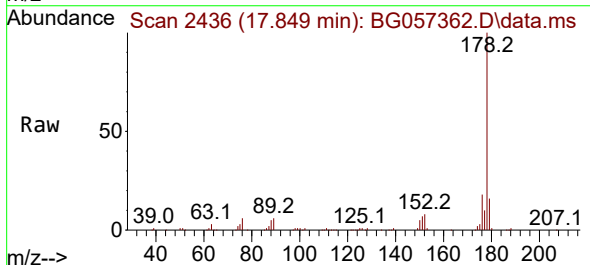
Instrument :
BNA_G
ClientSampleId :
SSTD020482

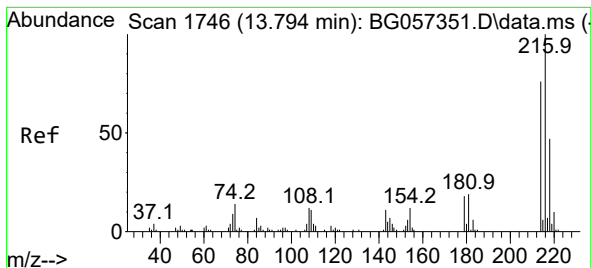
Tgt Ion:178 Resp: 166921
Ion Ratio Lower Upper
178 100
179 16.1 11.8 17.8
176 19.7 15.4 23.0



#74
Anthracene
Concen: 22.342 ng/ul
RT: 17.849 min Scan# 2436
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:178 Resp: 166279
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 18.0 14.7 22.1

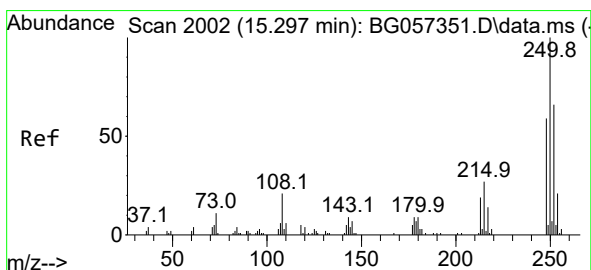
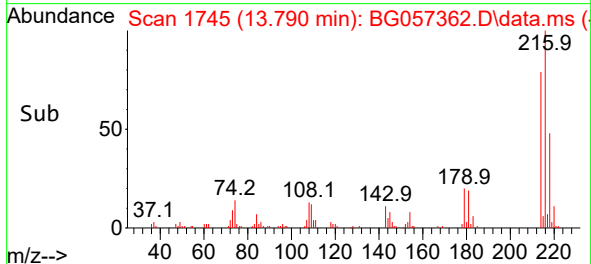
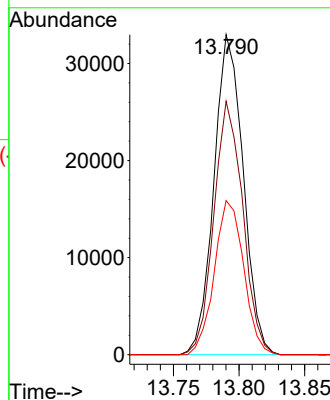
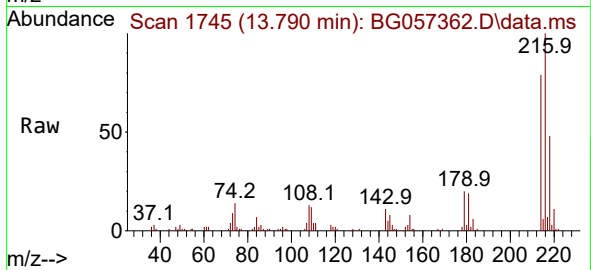




#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.920 ng/uL
RT: 13.790 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

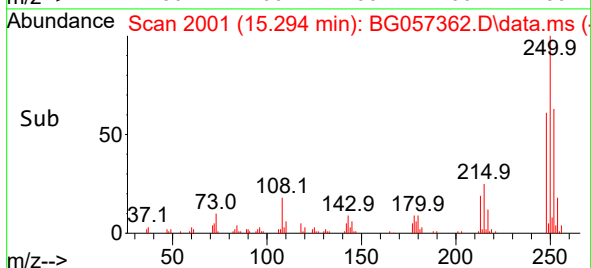
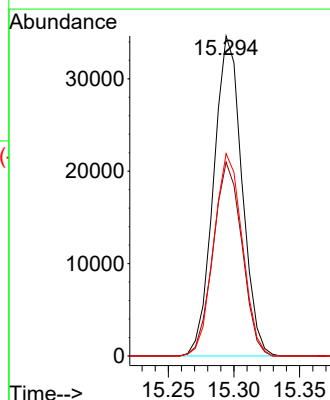
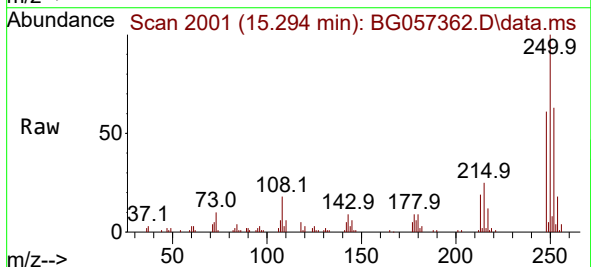
Instrument :
BNA_G
ClientSampleId :
SSTD020482

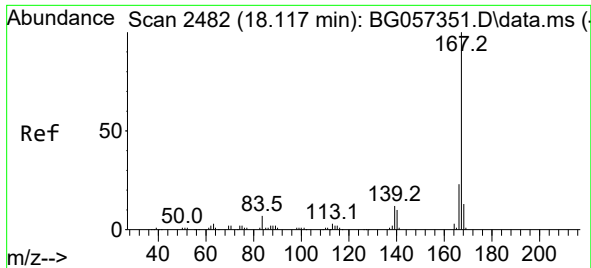
Tgt Ion:216 Resp: 51188
Ion Ratio Lower Upper
216 100
214 79.2 64.3 96.5
218 48.2 38.5 57.7



#76
Pentachlorobenzene
Concen: 23.910 ng/uL
RT: 15.294 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:250 Resp: 52084
Ion Ratio Lower Upper
250 100
248 60.5 52.2 78.2
252 63.2 52.5 78.7

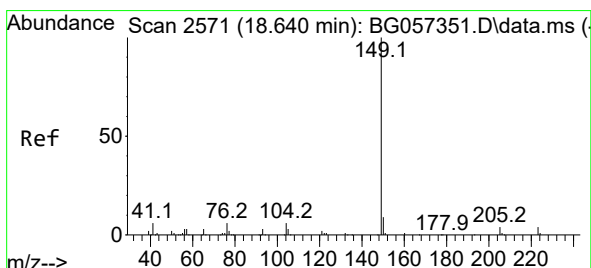
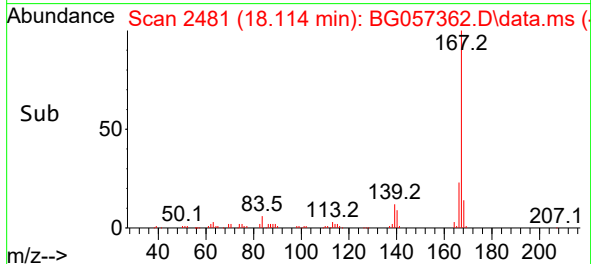
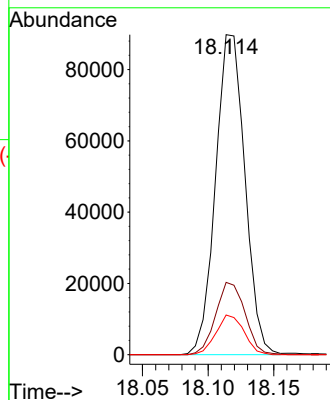
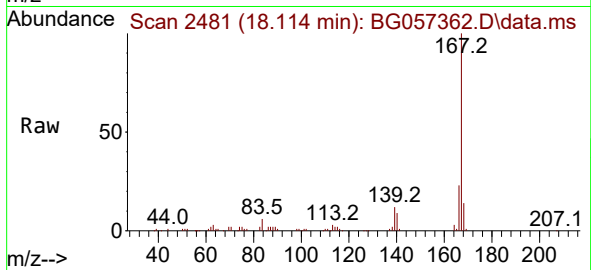




#77
 Carbazole
 Concen: 22.469 ng/ul
 RT: 18.114 min Scan# 2482
 Delta R.T. -0.012 min
 Lab File: BG057362.D
 Acq: 9 May 2023 21:33

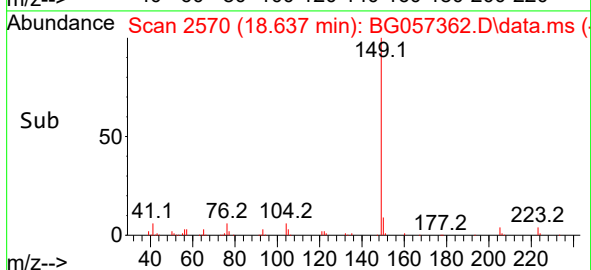
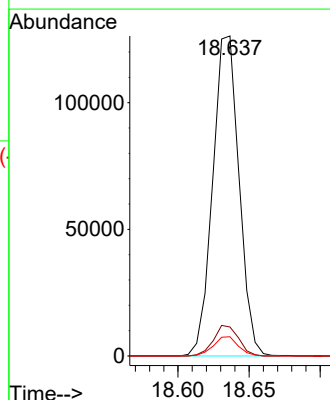
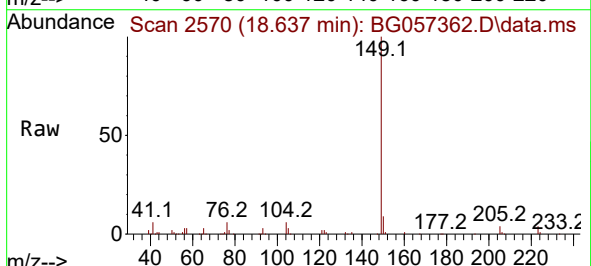
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020482

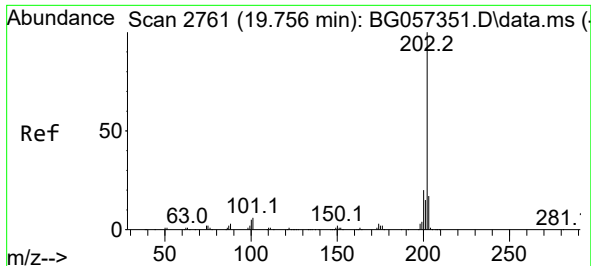
Tgt Ion:167 Resp: 139752
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 12.4 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 22.875 ng/ul
 RT: 18.637 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BG057362.D
 Acq: 9 May 2023 21:33

Tgt Ion:149 Resp: 162698
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 6.0 5.0 7.6

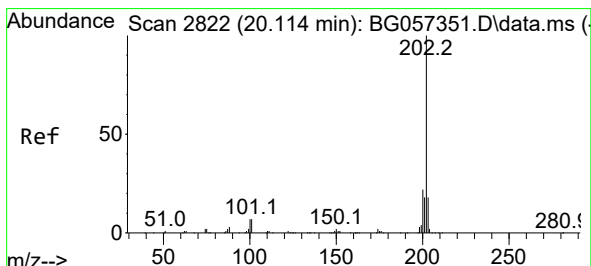
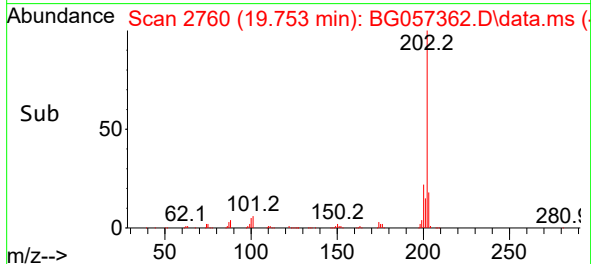
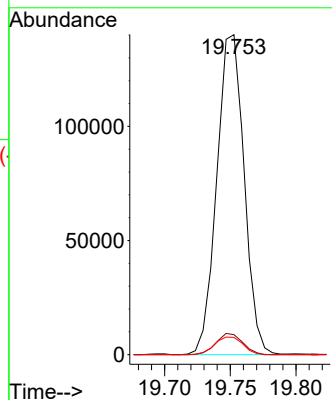
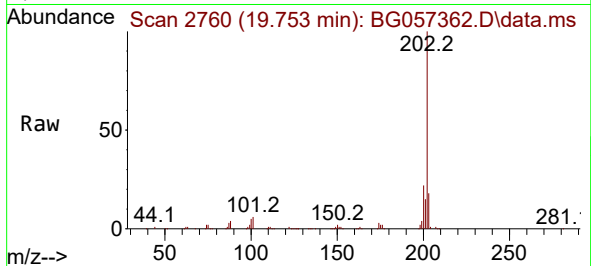




#80
Fluoranthene
Concen: 21.366 ng/ul
RT: 19.753 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

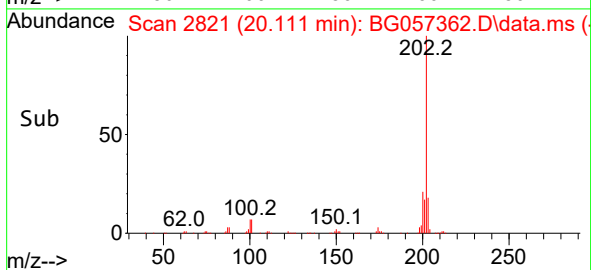
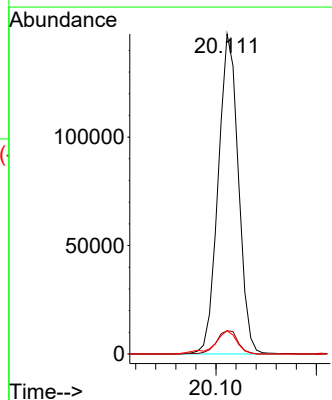
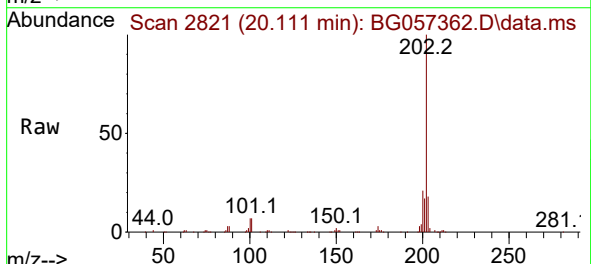
Instrument :
BNA_G
ClientSampleId :
SSTD020482

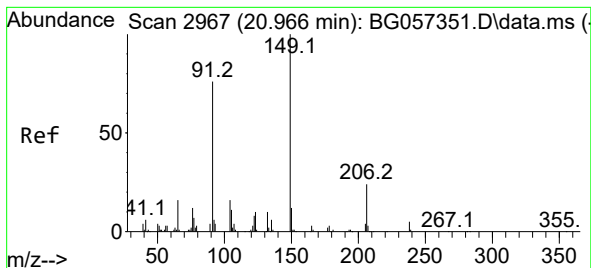
Tgt Ion:202 Resp: 203096
Ion Ratio Lower Upper
202 100
101 6.3 5.8 8.6
100 5.4 4.6 7.0



#82
Pyrene
Concen: 21.406 ng/ul
RT: 20.111 min Scan# 2821
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:202 Resp: 205987
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 7.3 6.0 9.0





#83

Butylbenzylphthalate

Concen: 23.492 ng/ul

RT: 20.963 min Scan# 2966

Delta R.T. -0.012 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Instrument :

BNA_G

ClientSampleId :

SSTD020482

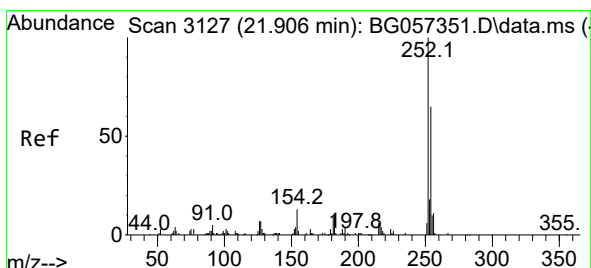
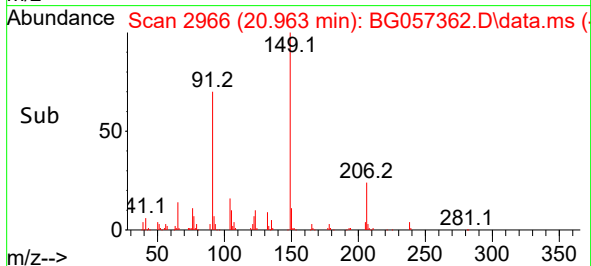
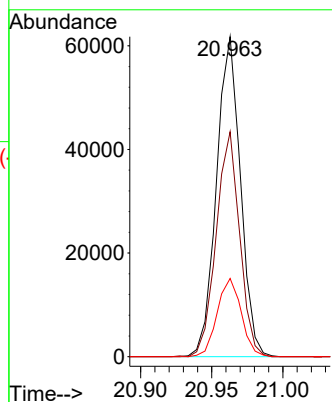
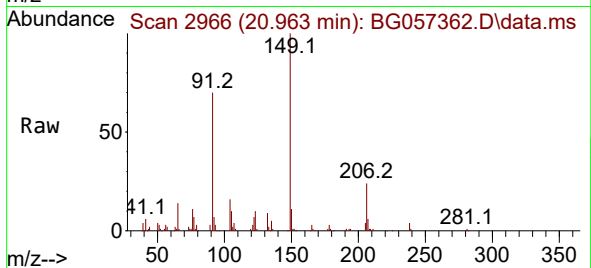
Tgt Ion:149 Resp: 72397

Ion Ratio Lower Upper

149 100

91 70.3 58.6 87.8

206 24.4 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 22.607 ng/ul

RT: 21.903 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

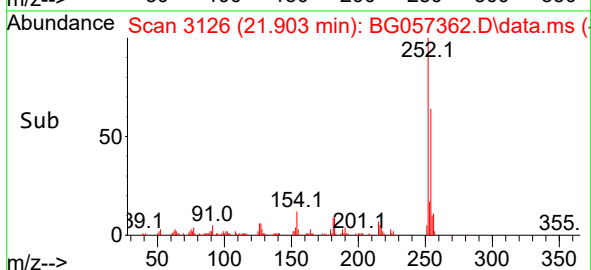
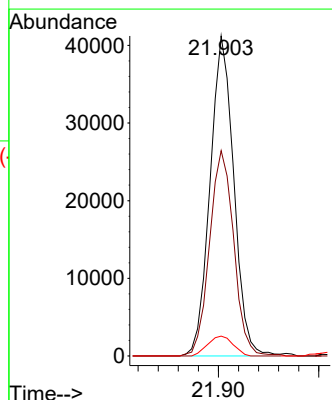
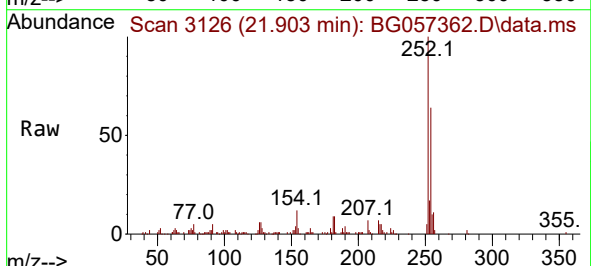
Tgt Ion:252 Resp: 67688

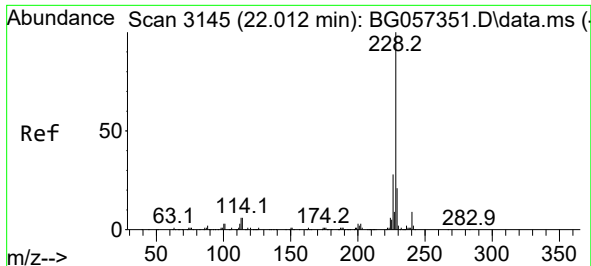
Ion Ratio Lower Upper

252 100

254 64.1 53.7 80.5

126 6.2 5.2 7.8

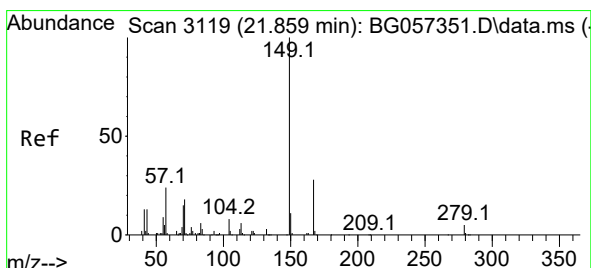
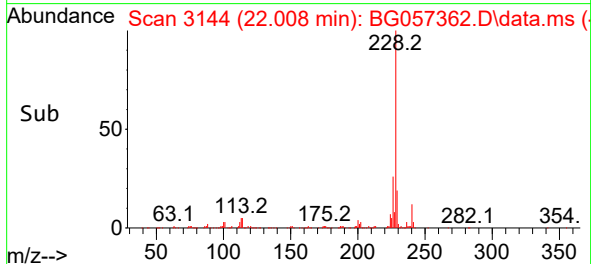
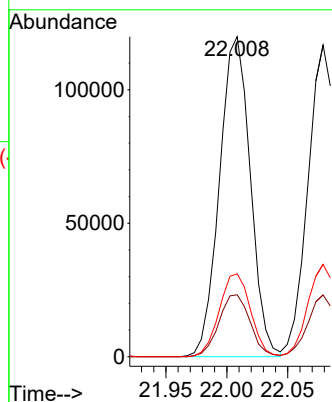
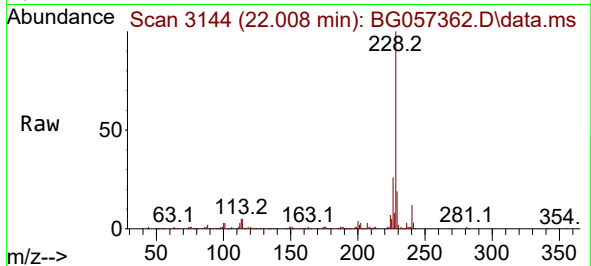




#85
Benzo(a)anthracene
Concen: 22.144 ng/ul
RT: 22.008 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

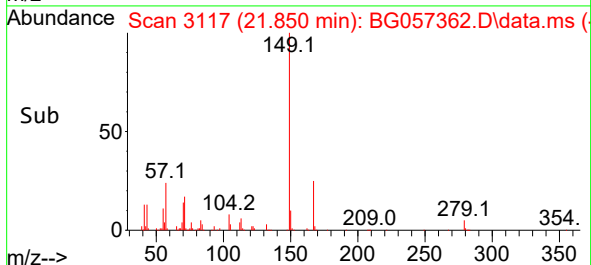
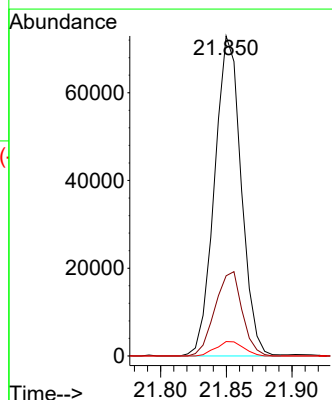
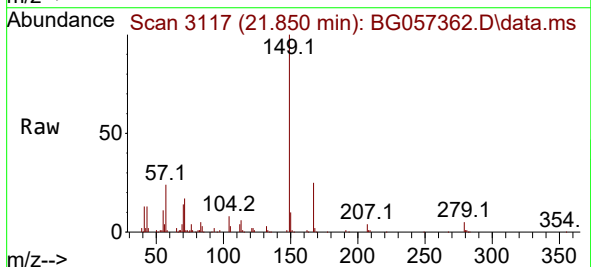
Instrument :
BNA_G
ClientSampleId :
SSTD020482

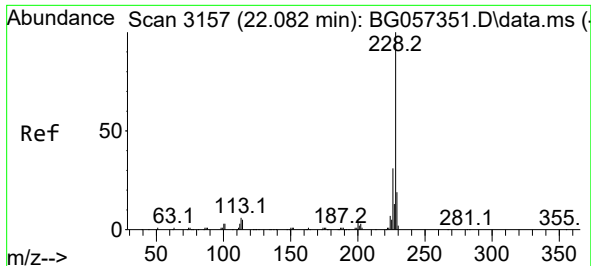
Tgt Ion:228 Resp: 211137
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 25.9 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.943 ng/ul
RT: 21.850 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:149 Resp: 102833
Ion Ratio Lower Upper
149 100
167 25.1 23.0 34.6
279 4.5 3.6 5.4

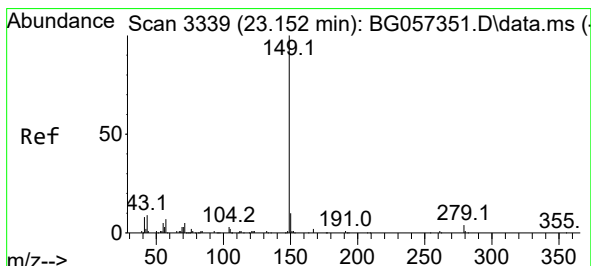
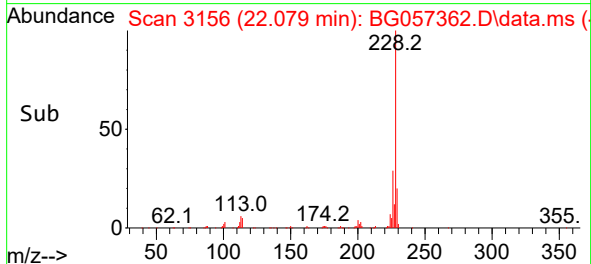
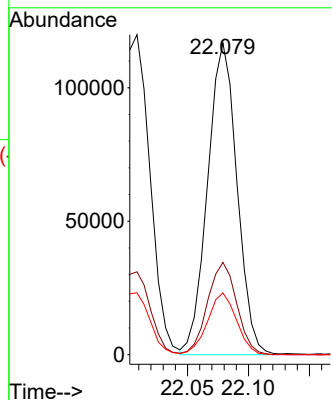
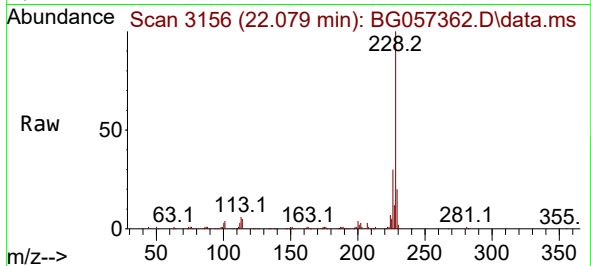




#87
Chrysene
Concen: 21.821 ng/ul
RT: 22.079 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

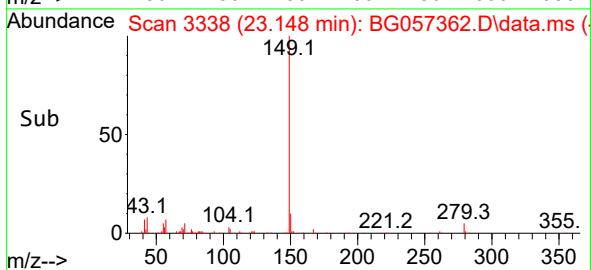
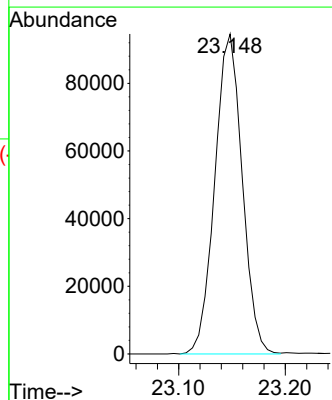
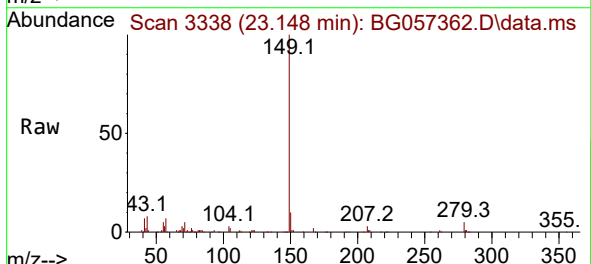
Instrument :
BNA_G
ClientSampleId :
SSTD020482

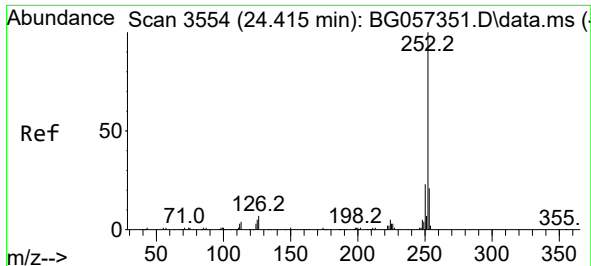
Tgt Ion:228 Resp: 196295
Ion Ratio Lower Upper
228 100
226 29.6 22.8 34.2
229 19.8 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 22.395 ng/ul
RT: 23.148 min Scan# 3338
Delta R.T. -0.018 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:149 Resp: 168612

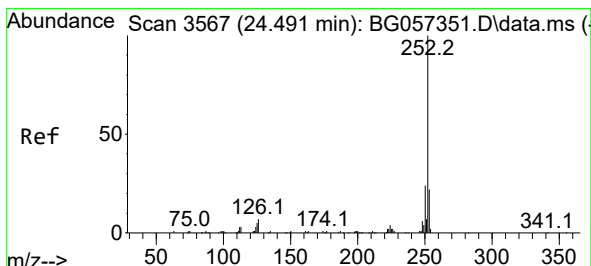
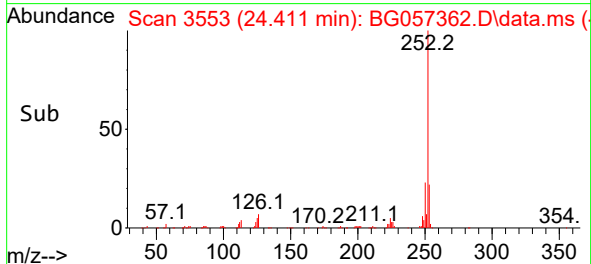
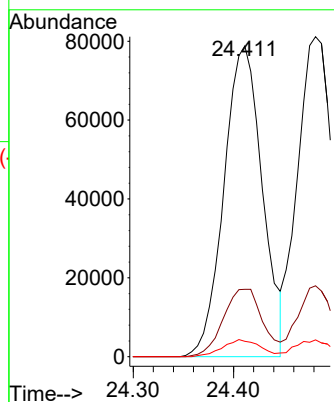
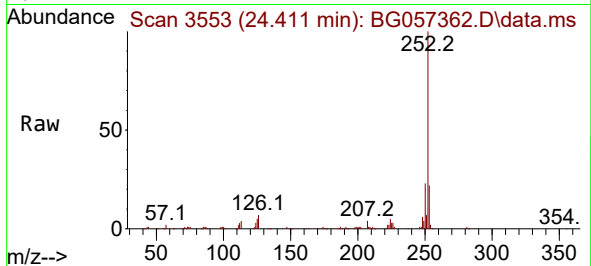




#90
Benzo(b)fluoranthene
Concen: 22.175 ng/ul
RT: 24.411 min Scan# 3553
Delta R.T. -0.024 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

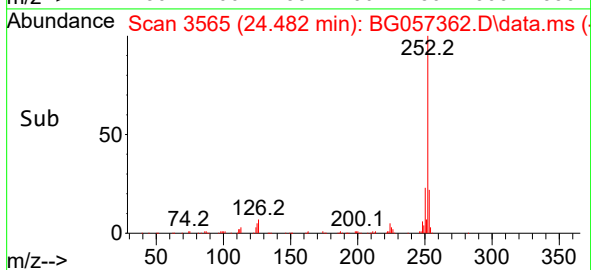
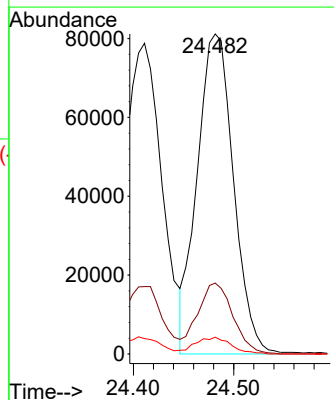
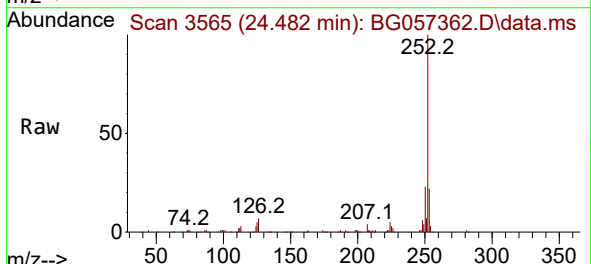
Instrument :
BNA_G
ClientSampleId :
SSTD020482

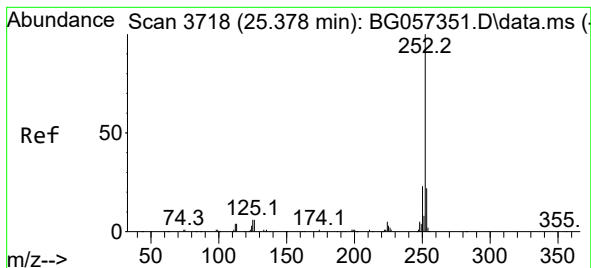
Tgt Ion:252 Resp: 209365
Ion Ratio Lower Upper
252 100
253 21.7 16.7 25.1
125 4.9 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 22.206 ng/ul
RT: 24.482 min Scan# 3565
Delta R.T. -0.024 min
Lab File: BG057362.D
Acq: 9 May 2023 21:33

Tgt Ion:252 Resp: 203969
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 5.3 4.5 6.7





#93

Benzo(a)pyrene

Concen: 22.246 ng/ul

RT: 25.369 min Scan# 3

Delta R.T. -0.024 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Instrument :

BNA_G

ClientSampleId :

SSTD020482

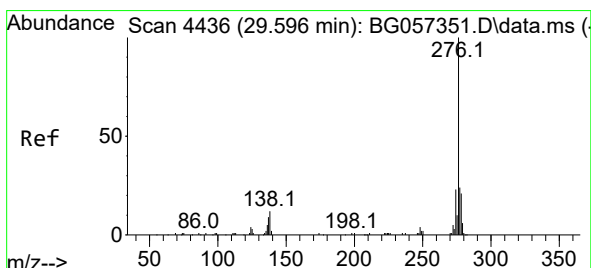
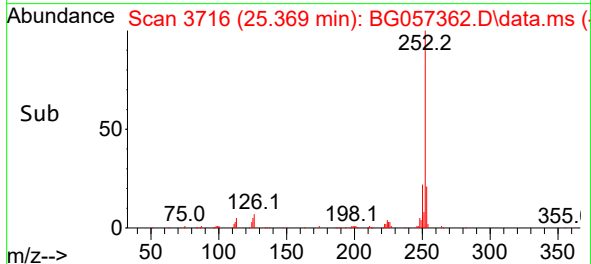
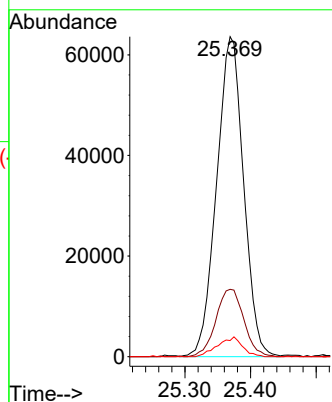
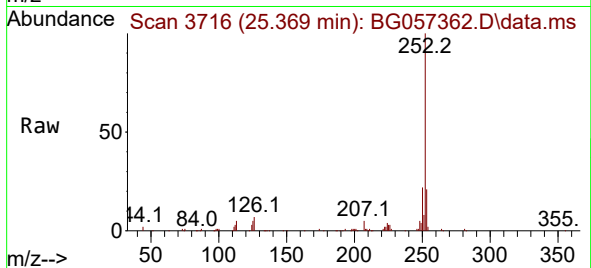
Tgt Ion:252 Resp: 181327

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

125 5.1 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.373 ng/ul

RT: 29.586 min Scan# 4434

Delta R.T. -0.042 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

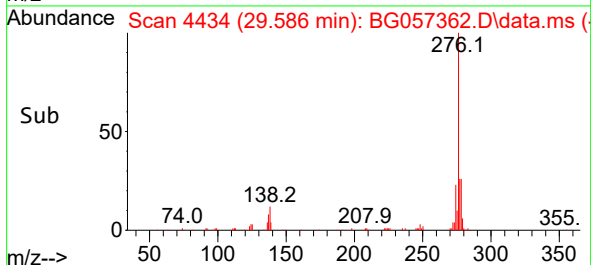
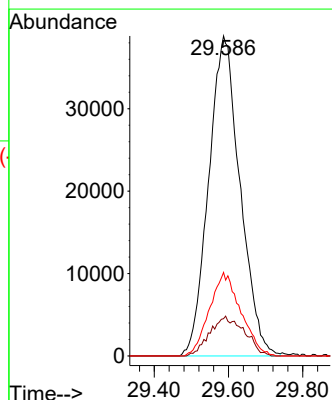
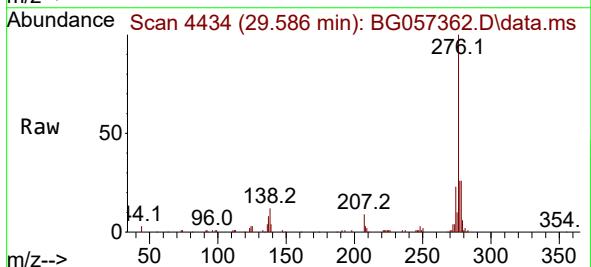
Tgt Ion:276 Resp: 227961

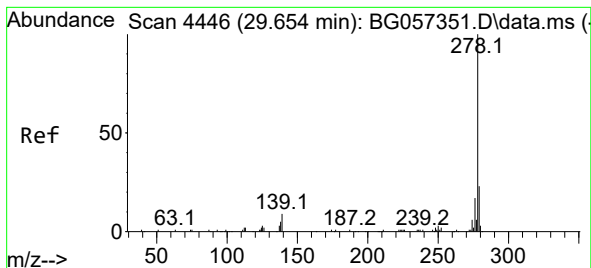
Ion Ratio Lower Upper

276 100

138 11.7 9.4 14.2

277 26.1 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 22.402 ng/ul

RT: 29.639 min Scan# 4443

Delta R.T. -0.047 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Instrument :

BNA_G

ClientSampleId :

SSTD020482

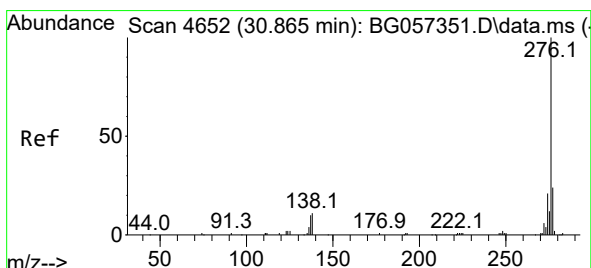
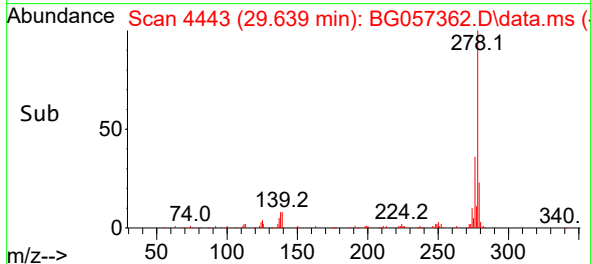
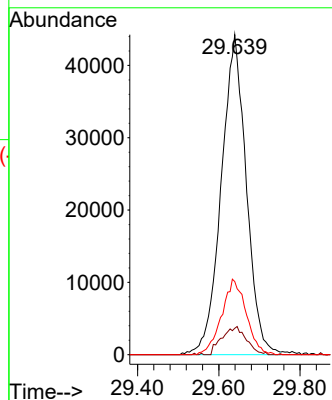
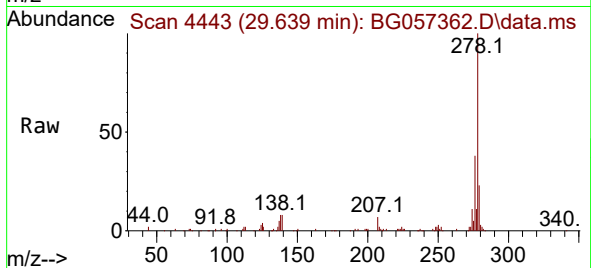
Tgt Ion:278 Resp: 189267

Ion Ratio Lower Upper

278 100

139 8.2 5.8 8.6

279 22.9 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 22.327 ng/ul

RT: 30.855 min Scan# 4650

Delta R.T. -0.047 min

Lab File: BG057362.D

Acq: 9 May 2023 21:33

Tgt Ion:276 Resp: 184111

Ion Ratio Lower Upper

276 100

138 9.9 8.7 13.1

277 21.9 18.4 27.6

