

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
 Data File : BG057372.D
 Acq On : 10 May 2023 16:52
 Operator : CG/JU
 Sample : PB152684BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS684

Quant Time: May 10 23:40:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	15309	20.000	ng/ul	0.00
20) Naphthalene-d8	11.201	136	64243	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.978	164	49838	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.722	188	123227	20.000	ng/ul	0.00
79) Chrysene-d12	22.033	240	115521	20.000	ng/ul	# 0.00
88) Perylene-d12	25.540	264	122483	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	2096	6.025	ng/uL	0.00
4) Pyridine-d5	4.087	84	31034	28.296	ng/ul	0.00
7) Phenol-d5	7.506	99	45111	31.159	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.670	67	25385	29.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.894	132	31503	33.019	ng/ul	0.00
15) 4-Methylphenol-d8	9.069	113	35328	32.105	ng/ul	0.00
21) Nitrobenzene-d5	9.544	128	16415	32.085	ng/ul	0.00
24) 2-Nitrophenol-d4	10.273	143	20051	33.582	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.819	165	40173	34.875	ng/ul	0.00
31) 4-Chloroaniline-d4	11.330	131	42221	27.654	ng/ul	0.00
46) Dimethylphthalate-d6	14.367	166	132334	33.511	ng/ul	0.00
49) Acenaphthylene-d8	14.679	160	147712	33.280	ng/ul	0.00
54) 4-Nitrophenol-d4	15.166	143	17196	29.915	ng/ul	0.00
60) Fluorene-d10	15.965	176	121910	33.139	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.089	200	24392	33.409	ng/ul	0.00
73) Anthracene-d10	17.816	188	186496	33.157	ng/ul	0.00
81) Pyrene-d10	20.083	212	227812	33.224	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.300	264	212688	34.084	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.682	88	4610	12.495	ng/uL	95
5) Pyridine	4.111	79	31797	27.502	ng/ul	90
6) Benzaldehyde	7.494	77	27622	62.467	ng/ul	86
8) Phenol	7.535	94	46130	31.613	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.764	93	32726	29.965	ng/ul	94
12) 2-Chlorophenol	7.929	128	33465	33.394	ng/ul	95
13) 2-Methylphenol	8.804	108	35699	31.567	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.886	45	39647	28.157	ng/ul#	94
16) Acetophenone	9.192	105	59387	31.364	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.168	70	32002	29.411	ng/ul	94
18) 4-Methylphenol	9.133	108	38921	31.796	ng/ul	95
19) Hexachloroethane	9.462	117	13787	32.882	ng/ul	97
22) Nitrobenzene	9.586	77	47837	31.400	ng/ul	97
23) Isophorone	10.108	82	87780	30.284	ng/ul	96
25) 2-Nitrophenol	10.302	139	20763	34.333	ng/ul	97
26) 2,4-Dimethylphenol	10.349	107	42145	30.721	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.578	93	48165	31.967	ng/ul	98
29) 2,4-Dichlorophenol	10.843	162	39312	35.954	ng/ul	96
30) Naphthalene	11.254	128	117141	33.210	ng/ul	97
32) 4-Chloroaniline	11.360	127	40851	25.680	ng/ul	100
33) Hexachlorobutadiene	11.524	225	31568	34.040	ng/ul	95
34) Caprolactam	12.106	113	12569	34.147	ng/ul	92
35) 4-Chloro-3-methylphenol	12.452	107	43491	34.570	ng/ul	99
36) 2-Methylnaphthalene	12.828	142	85447	33.033	ng/ul	99

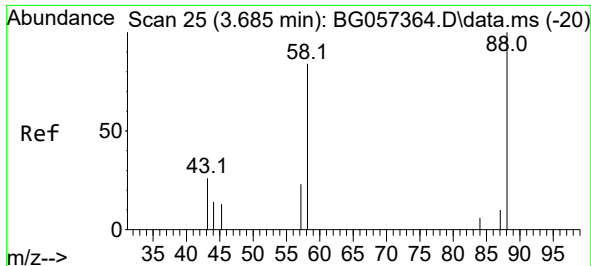
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.046	142	88491	34.022	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.192	216	63100	34.840	ng/ul	96
40) Hexachlorocyclopentadiene	13.163	237	13712	15.171	ng/ul	97
41) 2,4,6-Trichlorophenol	13.427	196	36327	34.440	ng/ul	99
42) 2,4,5-Trichlorophenol	13.504	196	39190	34.605	ng/ul	93
43) 1,1'-Biphenyl	13.815	154	125573	33.021	ng/ul	98
44) 2-Chloronaphthalene	13.868	162	98473	33.397	ng/ul	98
45) 2-Nitroaniline	14.068	65	29818	33.498	ng/ul	95
47) Dimethylphthalate	14.414	163	130880	33.003	ng/ul	99
48) 2,6-Dinitrotoluene	14.549	165	28420	34.823	ng/ul	91
50) Acenaphthylene	14.708	152	148941	33.022	ng/ul	99
51) 3-Nitroaniline	14.878	138	24077	41.637	ng/ul	94
52) Acenaphthene	15.043	153	104195	32.423	ng/ul	99
53) 2,4-Dinitrophenol	15.102	184	10353	23.821	ng/ul	94
55) 4-Nitrophenol	15.184	109	19202	29.468	ng/ul	93
56) Dibenzofuran	15.372	168	154865	33.372	ng/ul	99
57) 2,4-Dinitrotoluene	15.337	165	41397	35.433	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.601	232	35569	34.565	ng/ul	99
59) Diethylphthalate	15.760	149	131934	32.746	ng/ul	99
61) Fluorene	16.018	166	130427	33.238	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.000	204	74652	32.594	ng/ul	99
63) 4-Nitroaniline	16.036	138	24853	45.385	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.100	198	24838	33.386	ng/ul	96
67) N-Nitrosodiphenylamine	16.212	169	109758	34.098	ng/ul	99
68) 4-Bromophenyl-phenylether	16.893	248	51963	35.281	ng/ul	97
69) Hexachlorobenzene	17.028	284	54915	35.407	ng/ul	97
70) Atrazine	17.146	200	39782	27.808	ng/ul	97
71) Pentachlorophenol	17.375	266	18127	25.285	ng/ul	95
72) Phenanthrene	17.763	178	219111	34.145	ng/ul	99
74) Anthracene	17.857	178	214174	33.226	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.792	216	63412	34.213	ng/ul	99
76) Pentachlorobenzene	15.295	250	64099	33.976	ng/ul	96
77) Carbazole	18.115	167	186747	34.667	ng/ul	99
78) Di-n-butylphthalate	18.632	149	217328	35.281	ng/ul	99
80) Fluoranthene	19.754	202	272822	33.495	ng/ul	98
82) Pyrene	20.112	202	274738	33.319	ng/ul	99
83) Butylbenzylphthalate	20.964	149	97756	37.019	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.904	252	101376	39.514	ng/ul	98
85) Benzo(a)anthracene	22.010	228	279527	34.213	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.851	149	139940	36.437	ng/ul	97
87) Chrysene	22.080	228	262142	34.008	ng/ul	99
89) Di-n-octyl phthalate	23.150	149	237672	35.139	ng/ul	100
90) Benzo(b)fluoranthene	24.413	252	286301	33.755	ng/ul	97
91) Benzo(k)fluoranthene	24.489	252	276683	33.530	ng/ul	99
93) Benzo(a)pyrene	25.376	252	244792	33.430	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.588	276	310799	33.954	ng/ul	97
95) Dibenzo(a,h)anthracene	29.641	278	257014	33.862	ng/ul	97
96) Benzo(g,h,i)perylene	30.857	276	251423	33.939	ng/ul	99

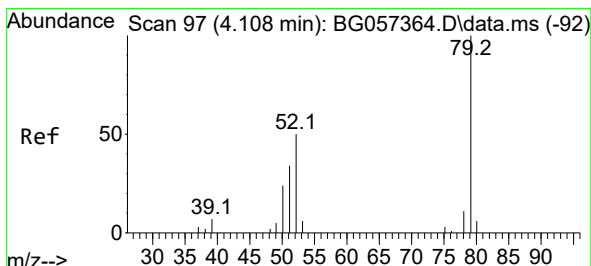
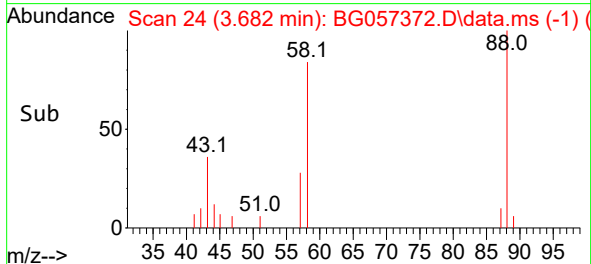
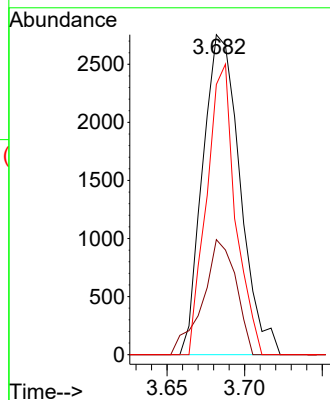
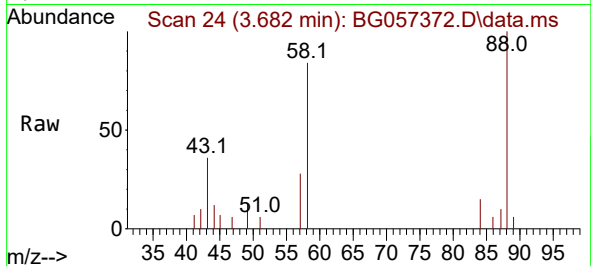
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#2
1,4-Dioxane
Concen: 12.495 ng/uL
RT: 3.682 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

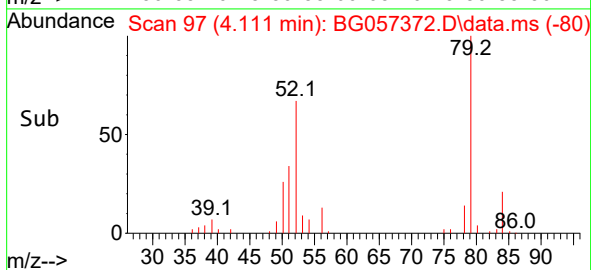
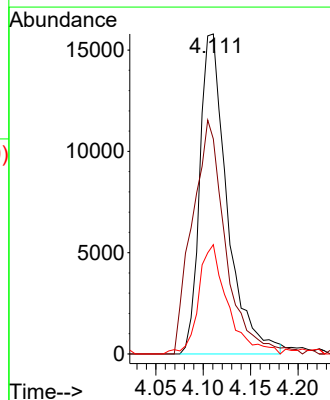
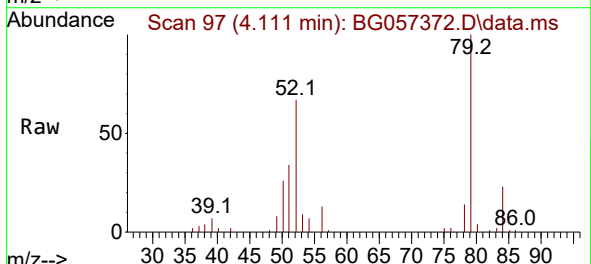
Instrument :
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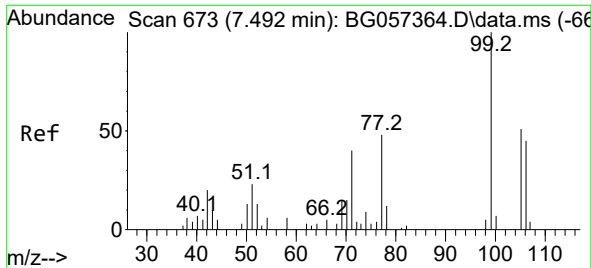
Tgt Ion: 88	Resp:	4610
Ion	Ratio	Lower Upper
88	100	
43	35.9	28.2 42.4
58	84.4	63.3 94.9



#5
Pyridine
Concen: 27.502 ng/uL
RT: 4.111 min Scan# 97
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion: 79	Resp:	31797
Ion	Ratio	Lower Upper
79	100	
52	67.2	62.4 93.6
51	34.1	29.0 43.4

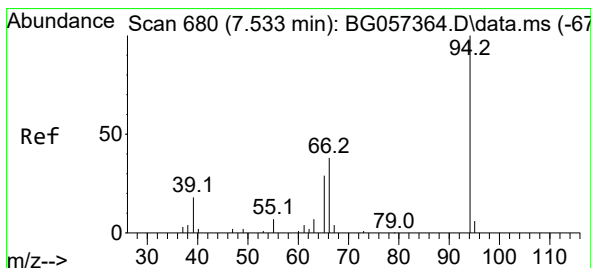
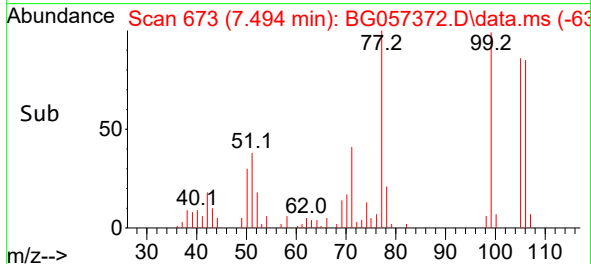
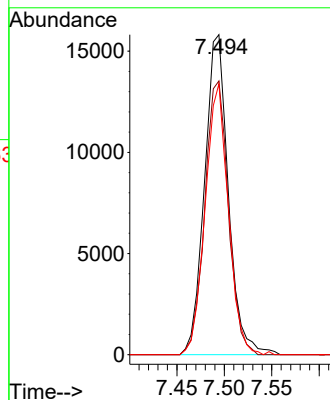
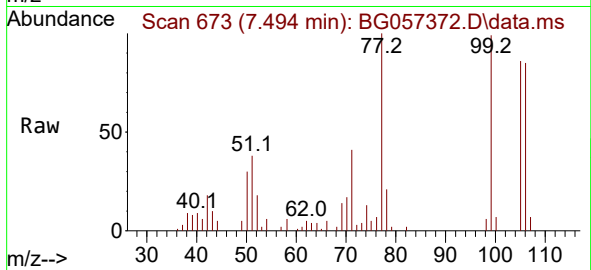




#6
Benzaldehyde
Concen: 62.467 ng/ul
RT: 7.494 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

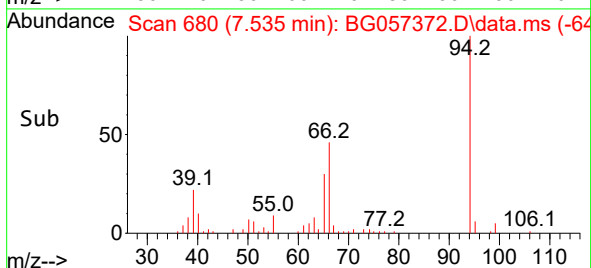
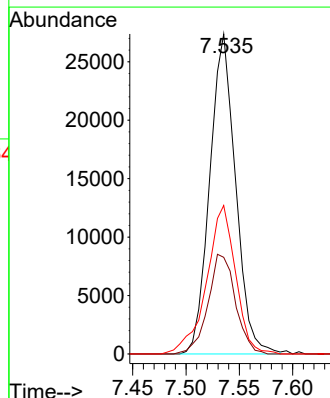
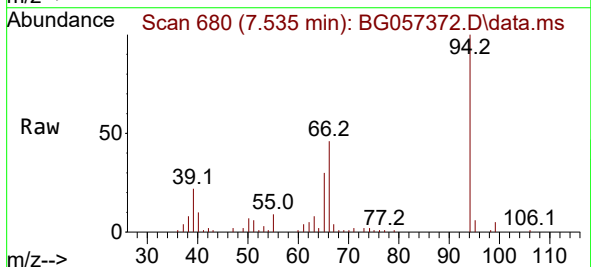
Instrument :
BNA_G
ClientSampleId :
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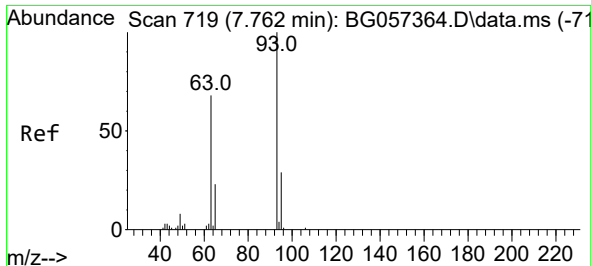
Tgt Ion: 77 Resp: 27622
Ion Ratio Lower Upper
77 100
105 85.5 79.8 119.6
106 84.7 78.7 118.1



#8
Phenol
Concen: 31.613 ng/ul
RT: 7.535 min Scan# 680
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion: 94 Resp: 46130
Ion Ratio Lower Upper
94 100
65 30.2 25.5 38.3
66 46.4 36.9 55.3

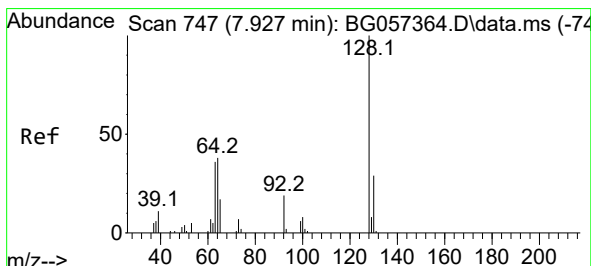
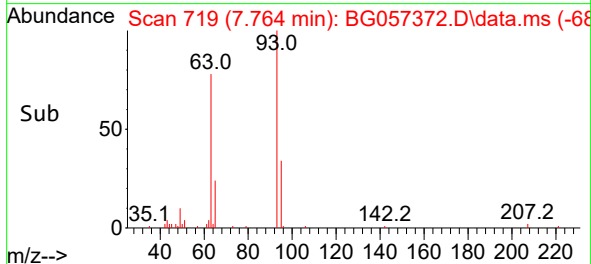
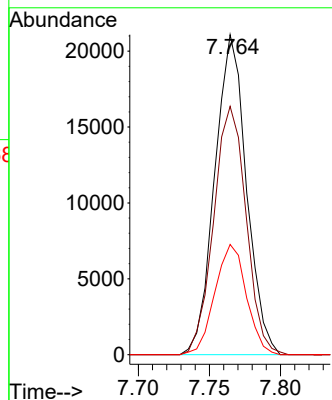
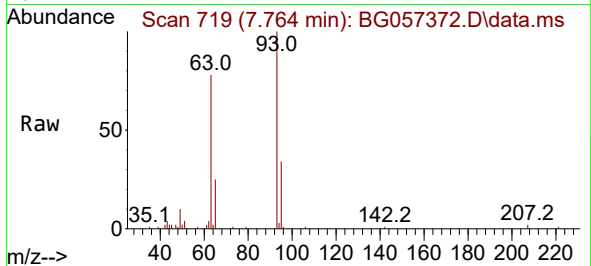




#10
Bis(2-Chloroethyl)ether
Concen: 29.965 ng/ul
RT: 7.764 min Scan# 719
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

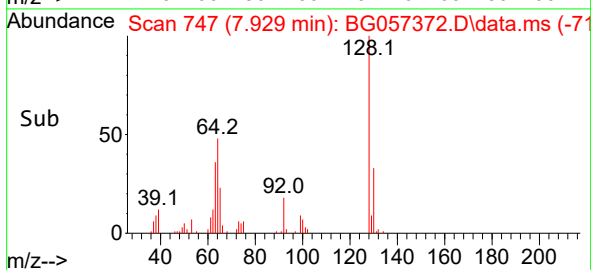
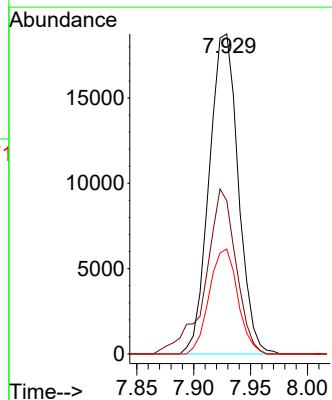
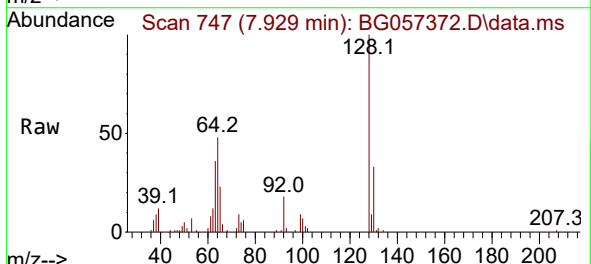
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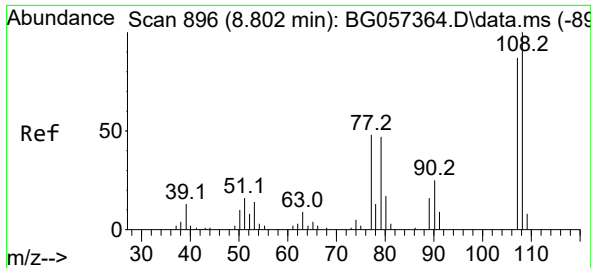
Tgt Ion: 93 Resp: 32726
Ion Ratio Lower Upper
93 100
63 77.6 67.2 100.8
95 34.5 26.3 39.5



#12
2-Chlorophenol
Concen: 33.394 ng/ul
RT: 7.929 min Scan# 747
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:128 Resp: 33465
Ion Ratio Lower Upper
128 100
64 47.9 41.3 61.9
130 32.8 24.6 37.0

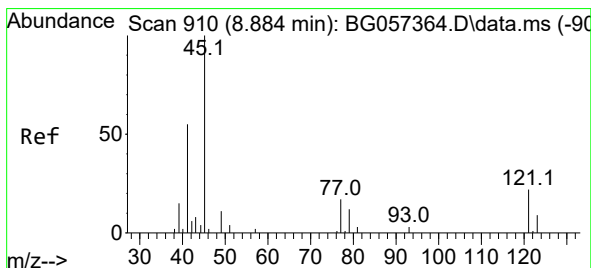
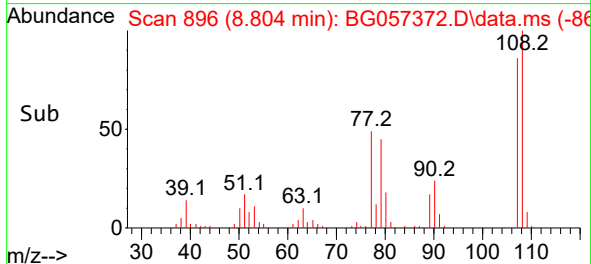
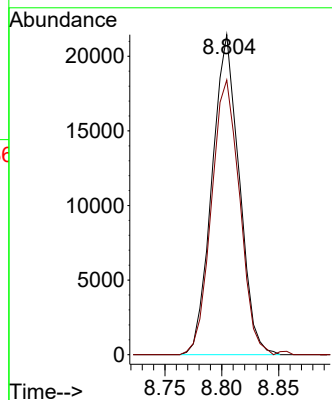
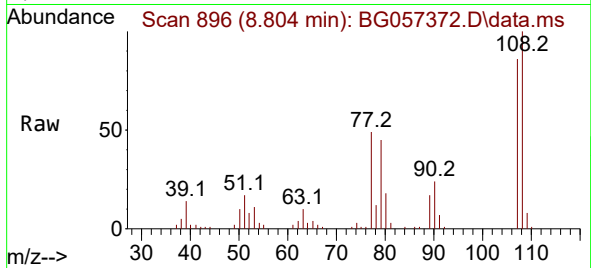




#13
2-Methylphenol
Concen: 31.567 ng/ul
RT: 8.804 min Scan# 896
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

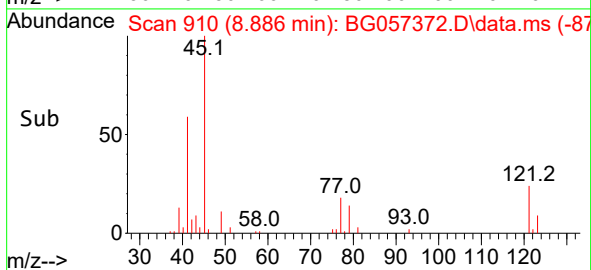
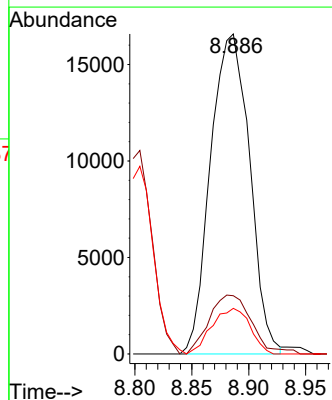
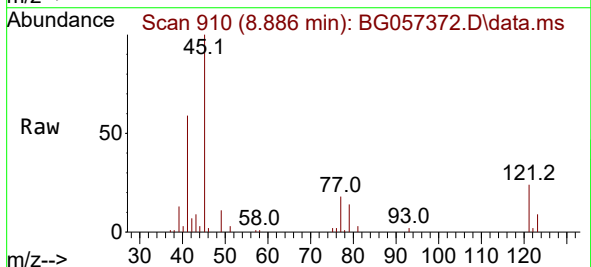
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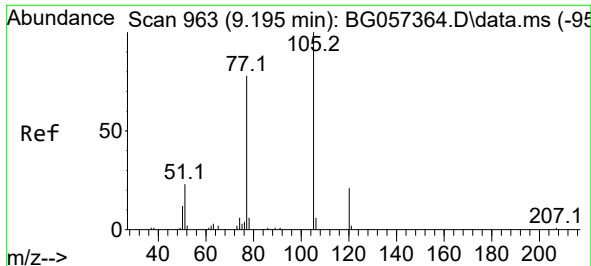
Tgt Ion:108 Resp: 35699
Ion Ratio Lower Upper
108 100
107 85.9 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.157 ng/ul
RT: 8.886 min Scan# 910
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion: 45 Resp: 39647
Ion Ratio Lower Upper
45 100
77 18.2 12.9 19.3
79 14.2 8.9 13.3#

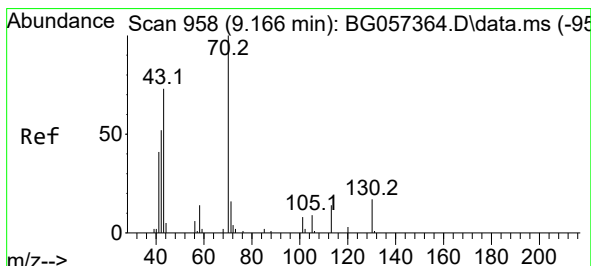
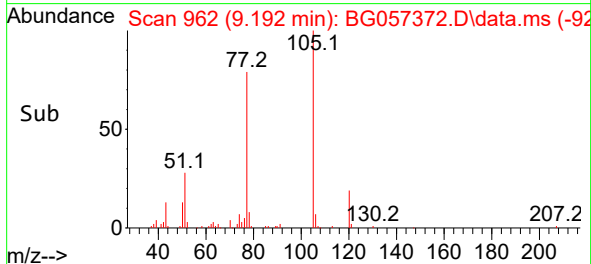
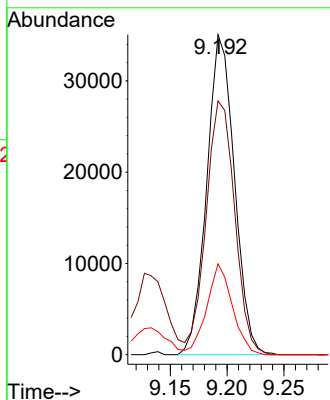
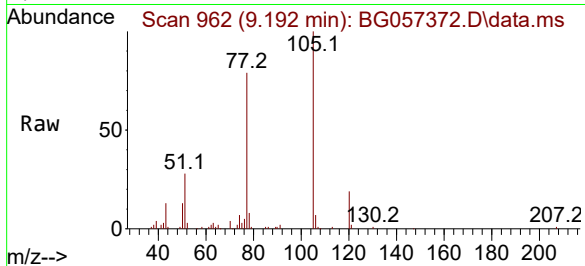




#16
Acetophenone
Concen: 31.364 ng/ul
RT: 9.192 min Scan# 962
Delta R.T. -0.003 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

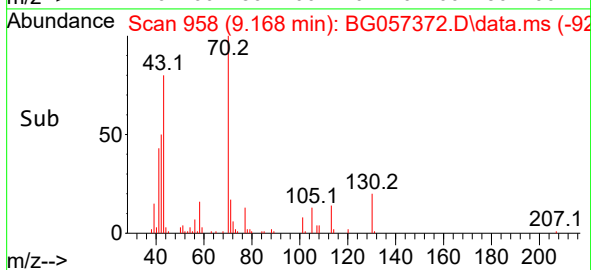
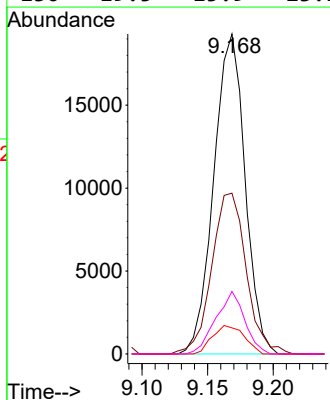
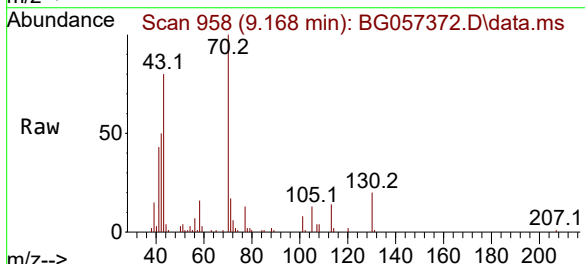
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ClientSampleId :
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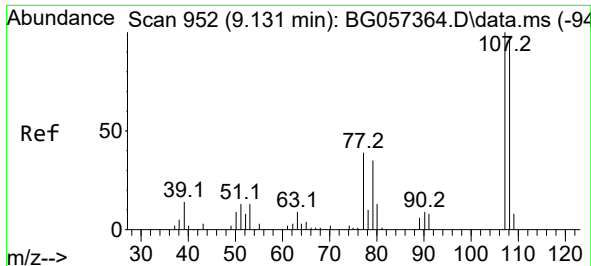
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Ion Ratio Lower Upper
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77 79.3 70.6 105.8
51 28.4 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 29.411 ng/ul
RT: 9.168 min Scan# 958
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion: 70 Resp: 32002
Ion Ratio Lower Upper
70 100
42 50.2 45.0 67.4
101 8.1 6.5 9.7
130 19.5 15.9 23.9

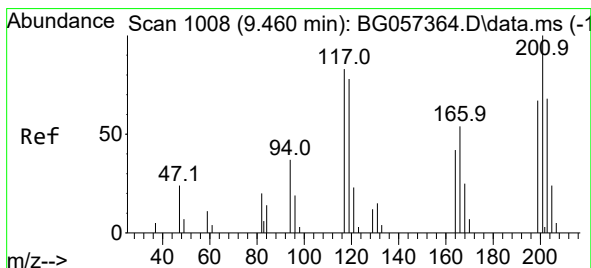
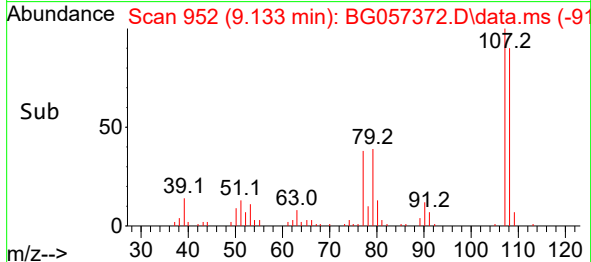
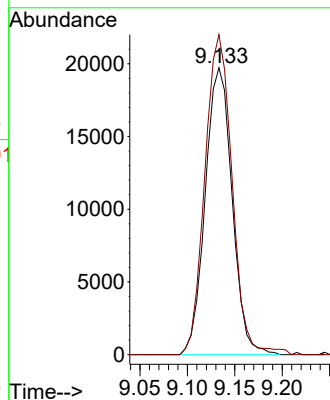
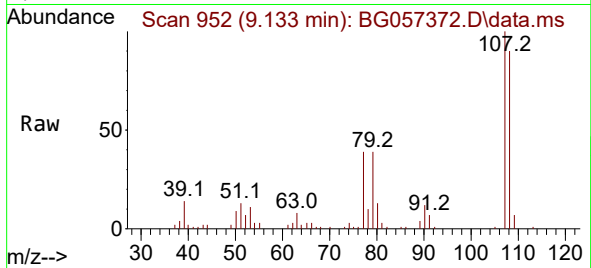




#18
4-Methylphenol
Concen: 31.796 ng/ul
RT: 9.133 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

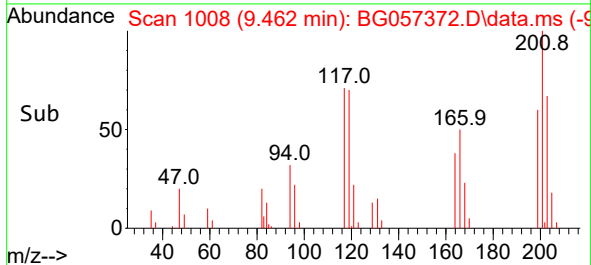
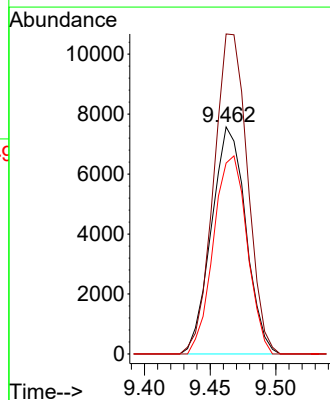
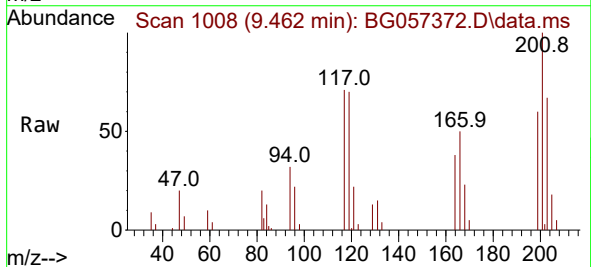
Instrument :
BNA_G
ClientSampleId :
SLCS684

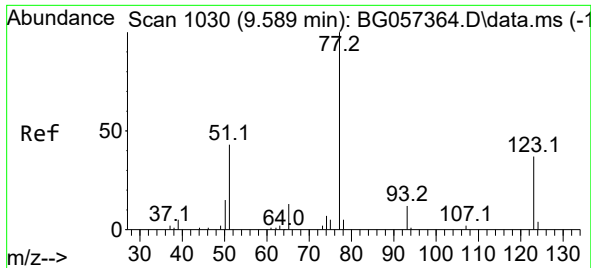
Tgt Ion:108 Resp: 38921
Ion Ratio Lower Upper
108 100
107 111.6 85.1 127.7



#19
Hexachloroethane
Concen: 32.882 ng/ul
RT: 9.462 min Scan# 1008
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:117 Resp: 13787
Ion Ratio Lower Upper
117 100
201 141.0 109.4 164.2
199 84.1 65.4 98.2

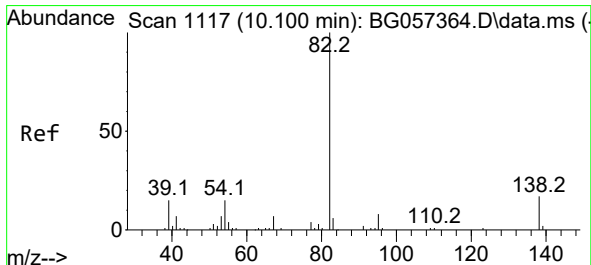
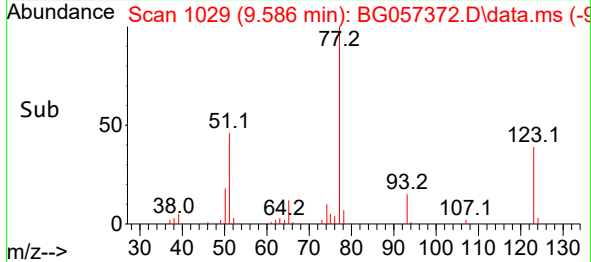
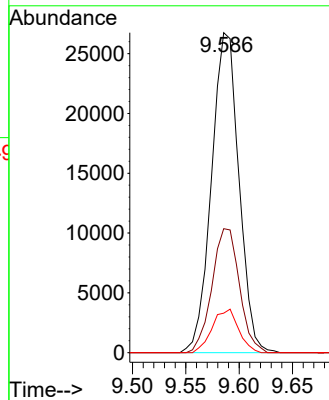
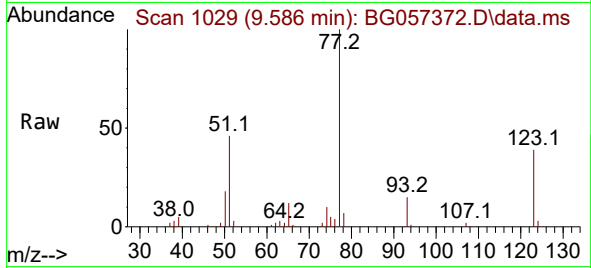




#22
Nitrobenzene
Concen: 31.400 ng/ul
RT: 9.586 min Scan# 1030
Delta R.T. -0.003 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

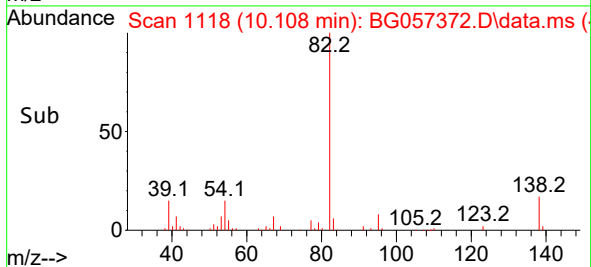
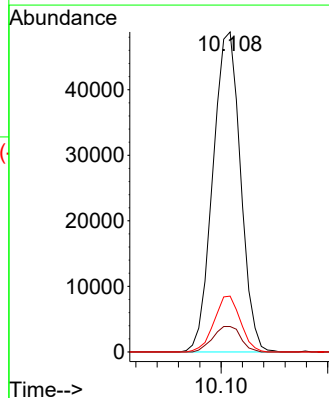
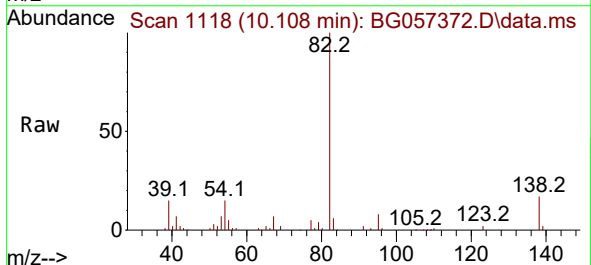
Instrument :
BNA_G
ClientSampleId :
SLCS684

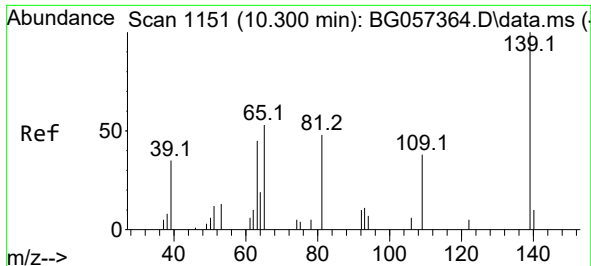
Tgt Ion:	77	Resp:	47837
Ion	Ratio	Lower	Upper
77	100		
123	38.8	29.6	44.4
65	12.4	11.4	17.0



#23
Isophorone
Concen: 30.284 ng/ul
RT: 10.108 min Scan# 1118
Delta R.T. 0.008 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:	82	Resp:	87780
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.8	10.2
138	17.5	12.2	18.2

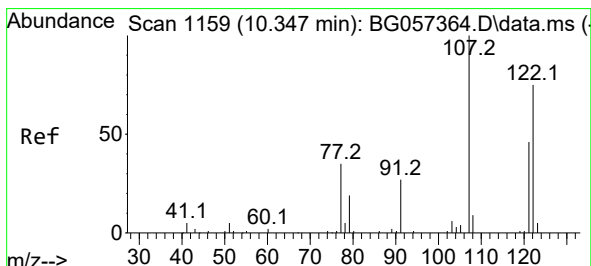
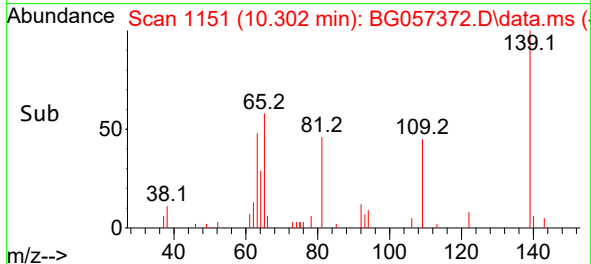
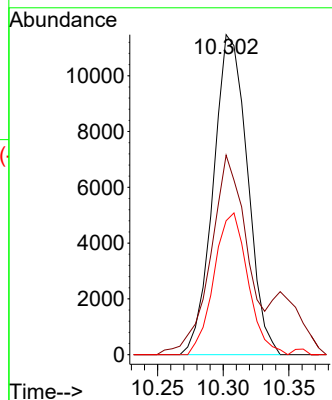
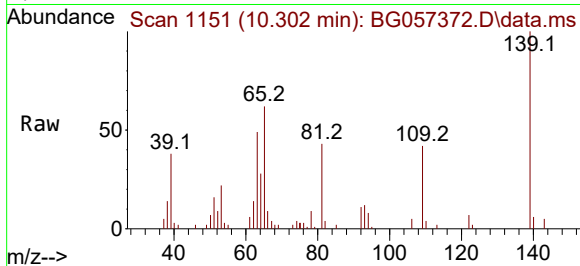




#25
2-Nitrophenol
Concen: 34.333 ng/ul
RT: 10.302 min Scan# 1151
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

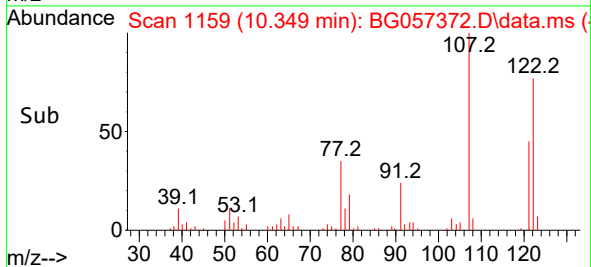
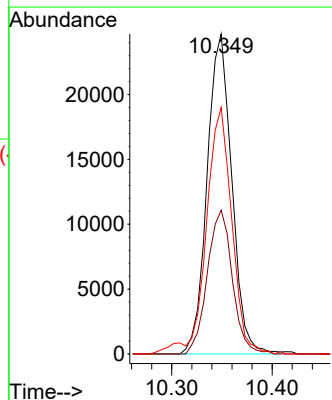
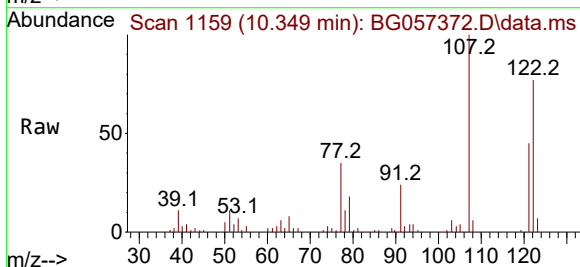
Instrument :
BNA_G
ClientSampleId :
SLCS684

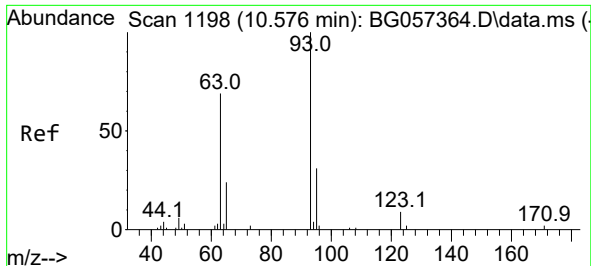
Tgt Ion	Ratio	Lower	Upper
139	100		
65	62.4	48.7	73.1
109	41.8	35.2	52.8



#26
2,4-Dimethylphenol
Concen: 30.721 ng/ul
RT: 10.349 min Scan# 1159
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion	Ratio	Lower	Upper
107	100		
121	44.9	35.4	53.0
122	77.0	57.0	85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 31.967 ng/ul

RT: 10.578 min Scan# 1198

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

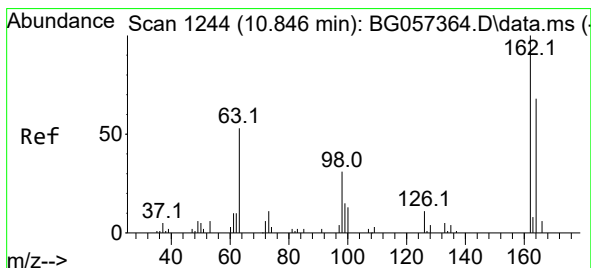
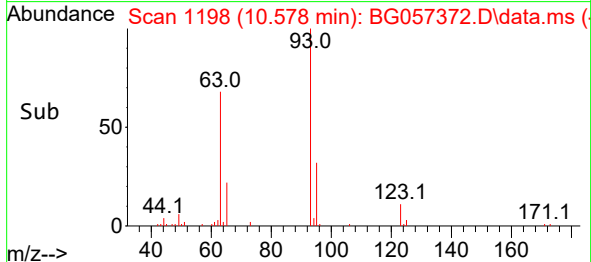
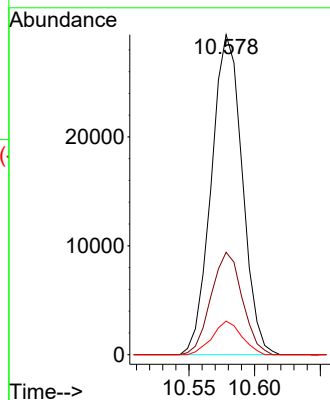
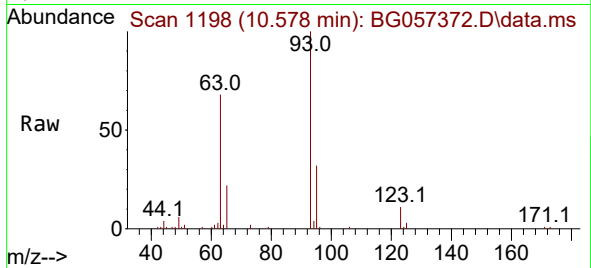
Tgt Ion: 93 Resp: 48165

Ion Ratio Lower Upper

93 100

95 32.0 24.8 37.2

123 10.5 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 35.954 ng/ul

RT: 10.843 min Scan# 1243

Delta R.T. -0.003 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

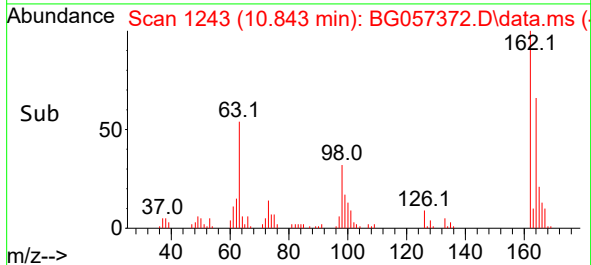
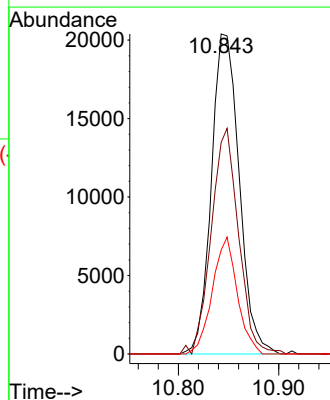
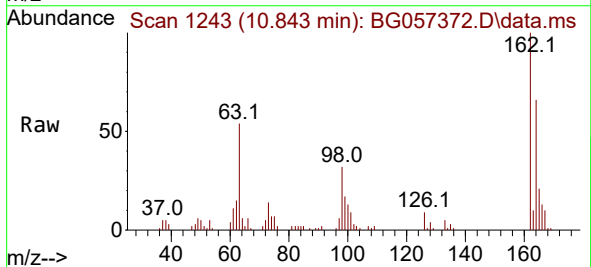
Tgt Ion:162 Resp: 39312

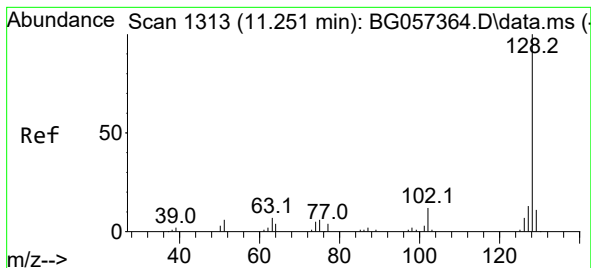
Ion Ratio Lower Upper

162 100

164 66.1 50.5 75.7

98 32.5 27.5 41.3





#30

Naphthalene

Concen: 33.210 ng/ul

RT: 11.254 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

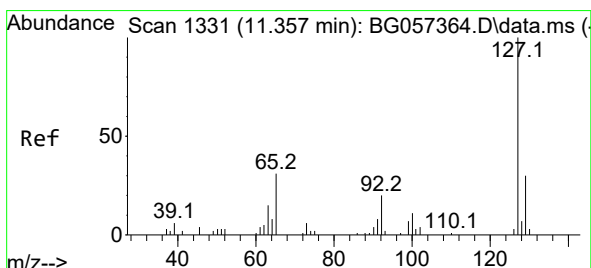
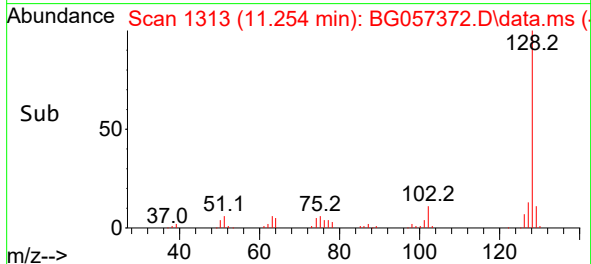
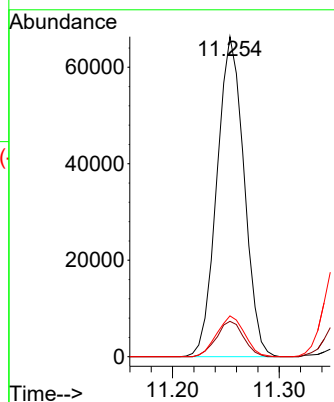
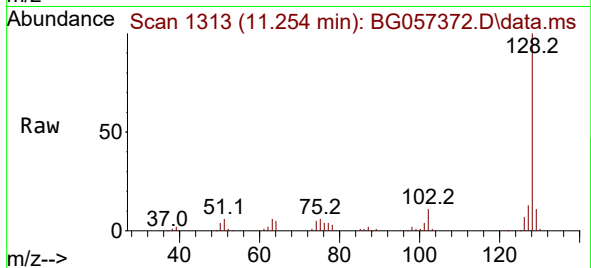
Tgt Ion:128 Resp: 117141

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 12.8 11.4 17.0



#32

4-Chloroaniline

Concen: 25.680 ng/ul

RT: 11.360 min Scan# 1331

Delta R.T. 0.002 min

Lab File: BG057372.D

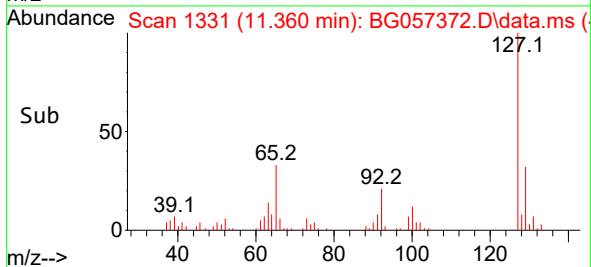
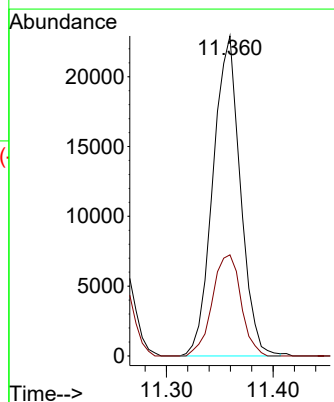
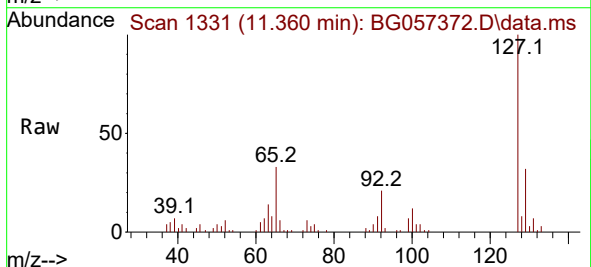
Acq: 10 May 2023 16:52

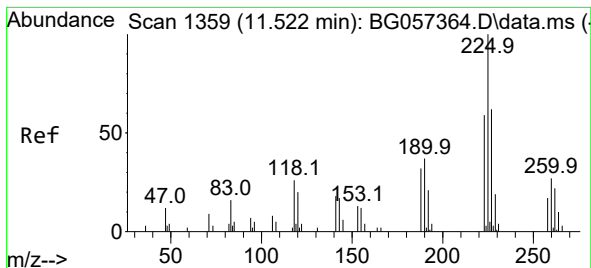
Tgt Ion:127 Resp: 40851

Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.0





#33

Hexachlorobutadiene

Concen: 34.040 ng/ul

RT: 11.524 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

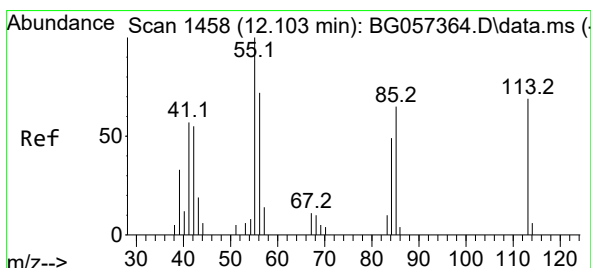
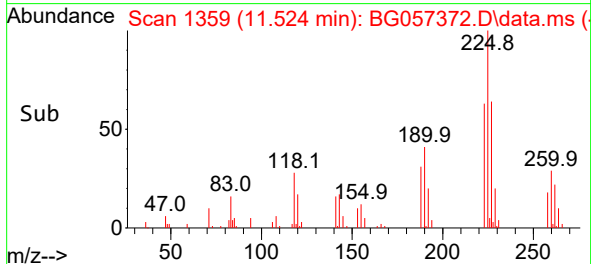
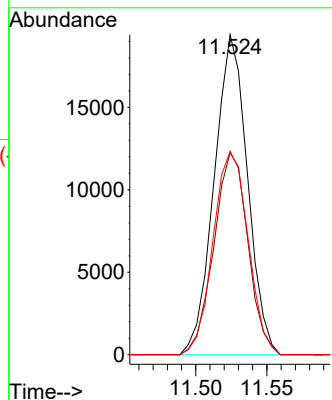
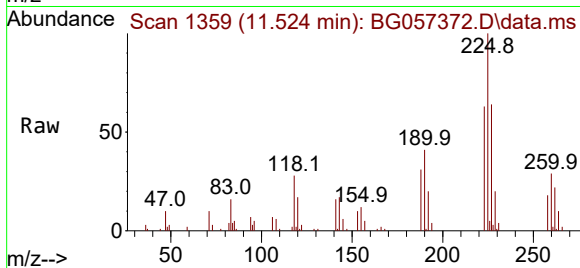
Tgt Ion:225 Resp: 31568

Ion Ratio Lower Upper

225 100

223 63.2 47.5 71.3

227 63.6 48.4 72.6



#34

Caprolactam

Concen: 34.147 ng/ul

RT: 12.106 min Scan# 1458

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

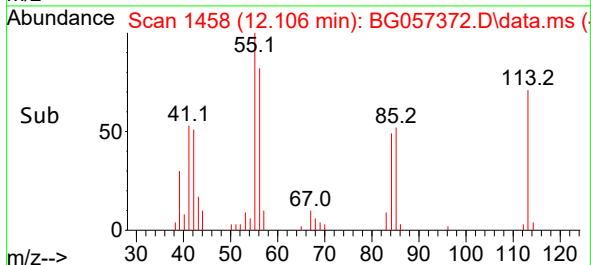
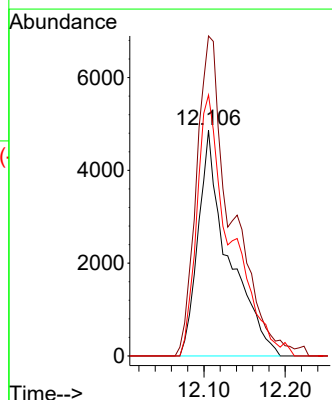
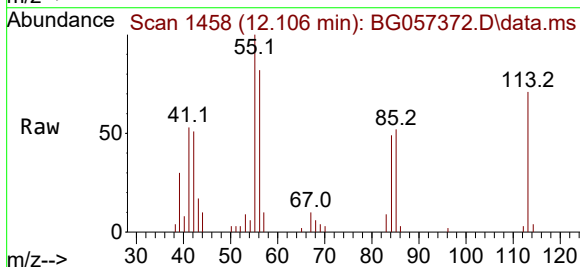
Tgt Ion:113 Resp: 12569

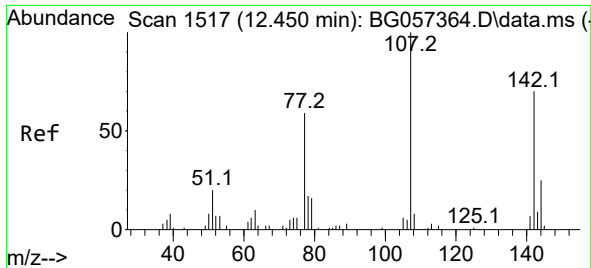
Ion Ratio Lower Upper

113 100

55 141.8 123.1 184.7

56 115.7 98.7 148.1

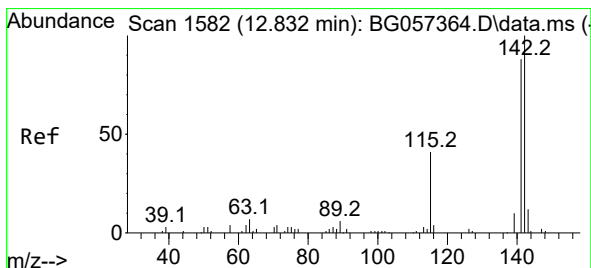
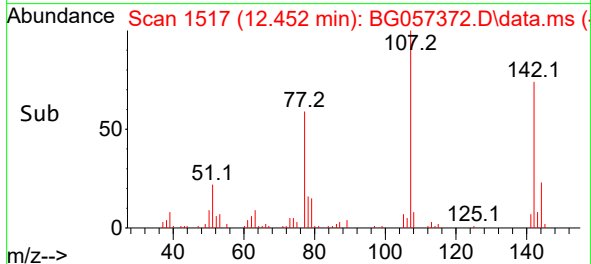
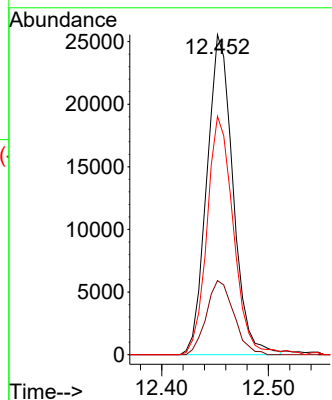
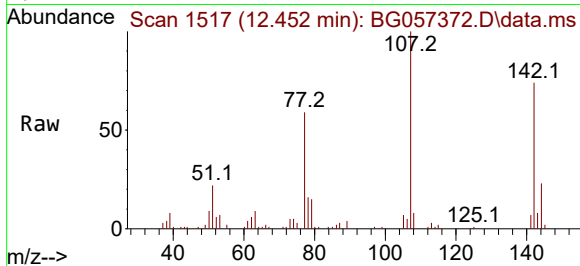




#35
 4-Chloro-3-methylphenol
 Concen: 34.570 ng/ul
 RT: 12.452 min Scan# 1517
 Delta R.T. 0.002 min
 Lab File: BG057372.D
 Acq: 10 May 2023 16:52

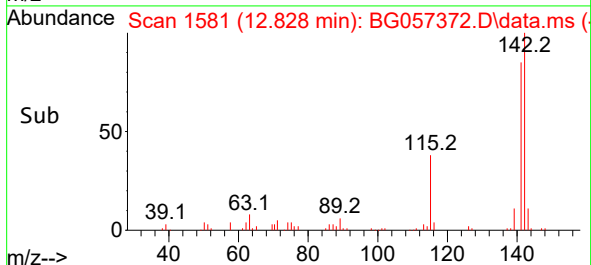
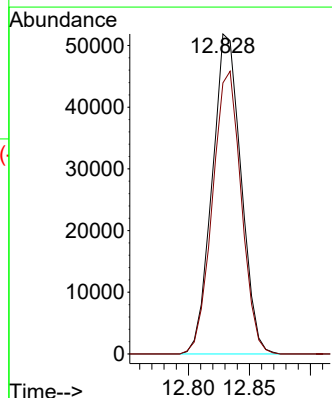
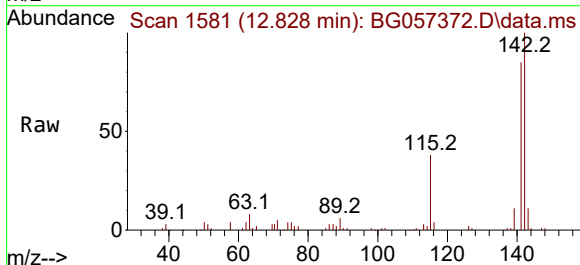
Instrument :
 BNA_G
 ClientSampleId :
 SLCS684

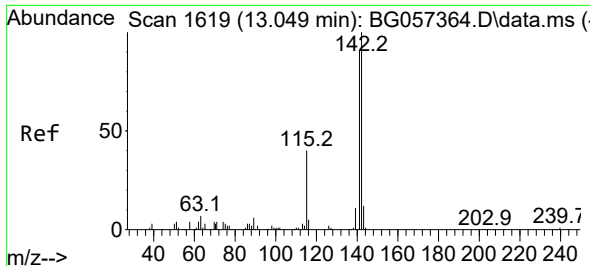
Tgt Ion:	107	Resp:	43491
Ion	Ratio	Lower	Upper
107	100		
144	23.1	18.3	27.5
142	74.5	58.6	88.0



#36
 2-Methylnaphthalene
 Concen: 33.033 ng/ul
 RT: 12.828 min Scan# 1581
 Delta R.T. -0.003 min
 Lab File: BG057372.D
 Acq: 10 May 2023 16:52

Tgt Ion:	142	Resp:	85447
Ion	Ratio	Lower	Upper
142	100		
141	84.7	68.7	103.1





#37

1-Methylnaphthalene

Concen: 34.022 ng/ul

RT: 13.046 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

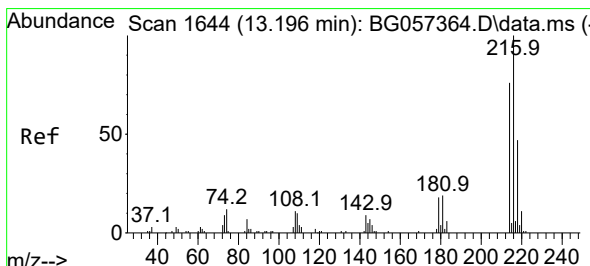
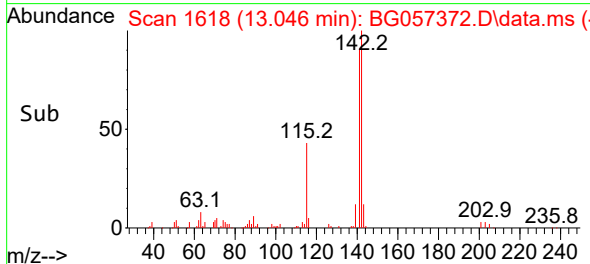
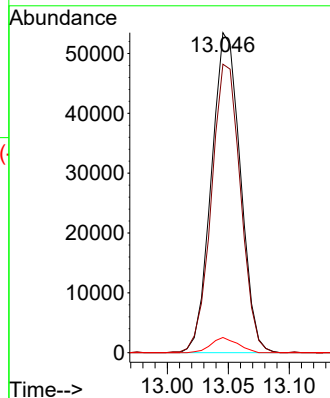
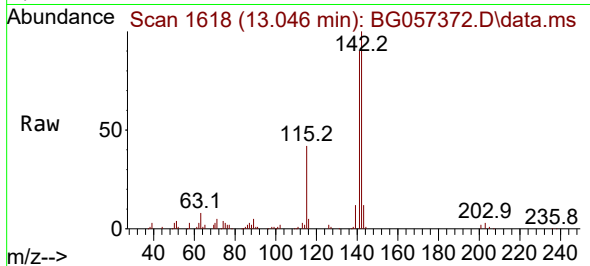
Tgt Ion:142 Resp: 88491

Ion Ratio Lower Upper

142 100

141 90.1 72.9 109.3

116 4.7 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.840 ng/ul

RT: 13.192 min Scan# 1643

Delta R.T. -0.003 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Tgt Ion:216 Resp: 63100

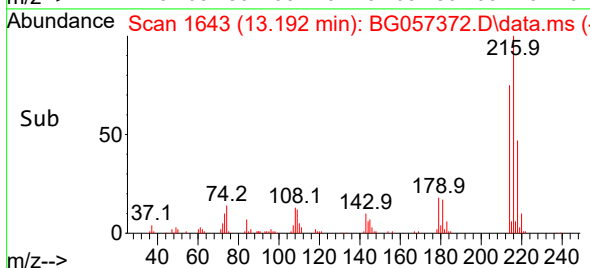
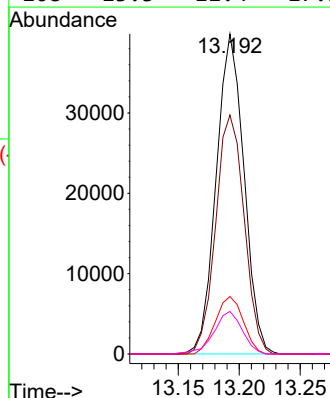
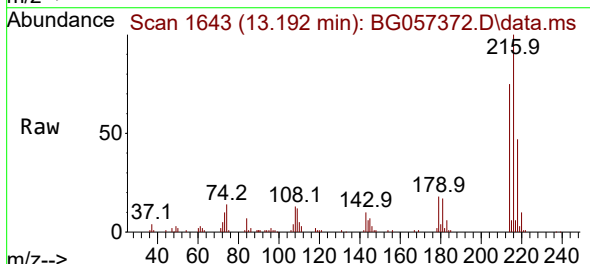
Ion Ratio Lower Upper

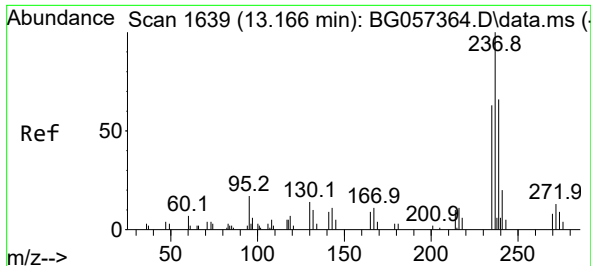
216 100

214 74.7 62.9 94.3

179 18.0 15.3 22.9

108 13.3 11.4 17.2

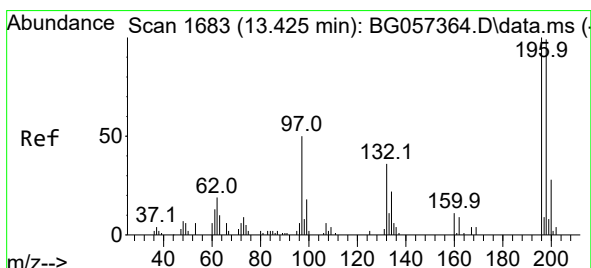
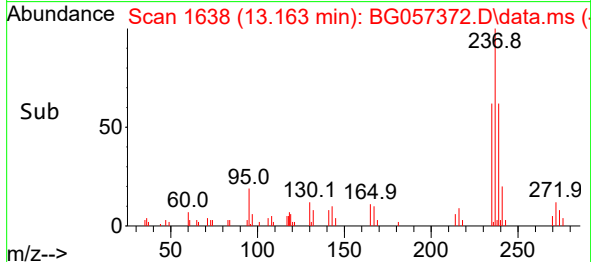
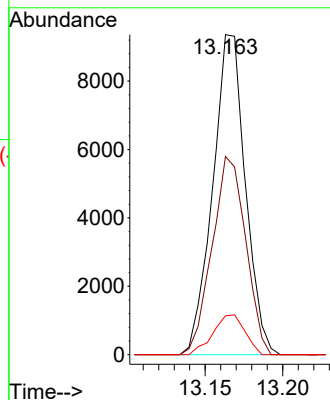
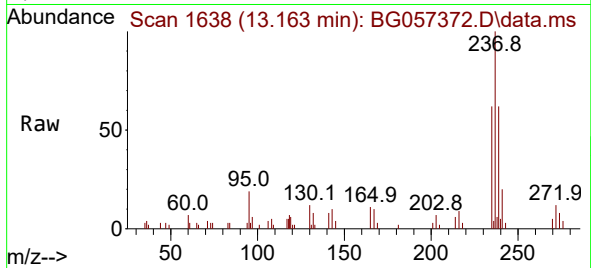




#40
Hexachlorocyclopentadiene
Concen: 15.171 ng/ul
RT: 13.163 min Scan# 1638
Delta R.T. -0.003 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

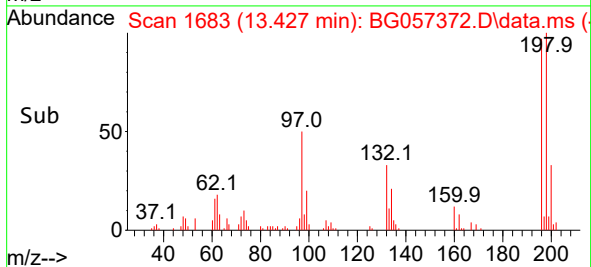
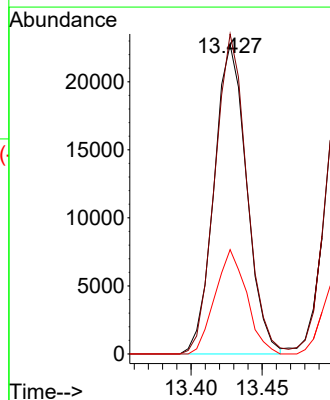
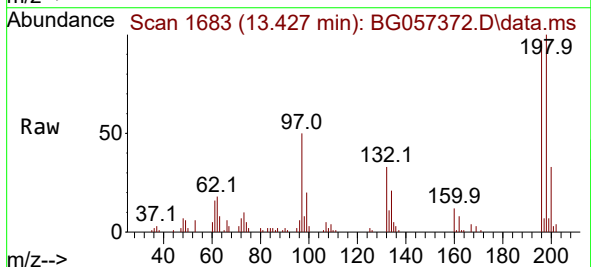
Instrument :
BNA_G
ClientSampleId :
SLCS684

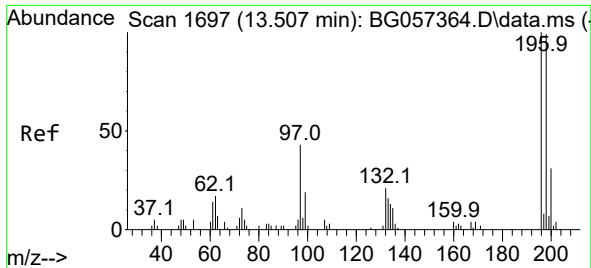
Tgt Ion:237 Resp: 13712
Ion Ratio Lower Upper
237 100
235 62.0 51.4 77.0
272 12.1 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 34.440 ng/ul
RT: 13.427 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:196 Resp: 36327
Ion Ratio Lower Upper
196 100
198 103.4 83.8 125.8
200 33.7 26.6 40.0

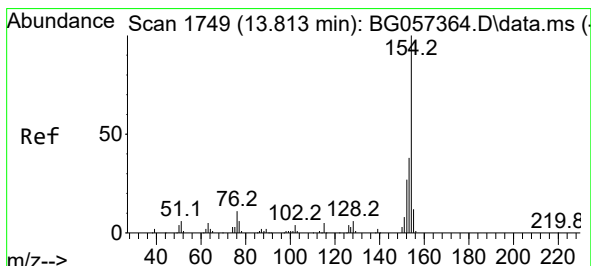
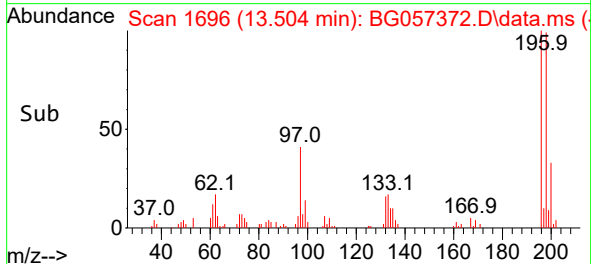
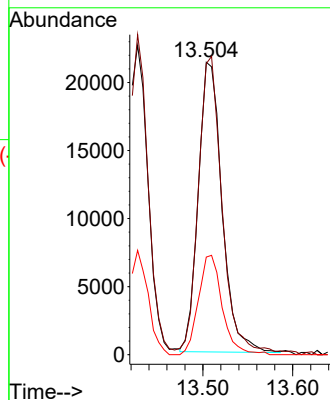
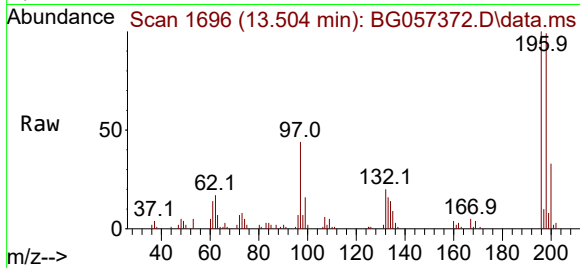




#42
2,4,5-Trichlorophenol
Concen: 34.605 ng/ul
RT: 13.504 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

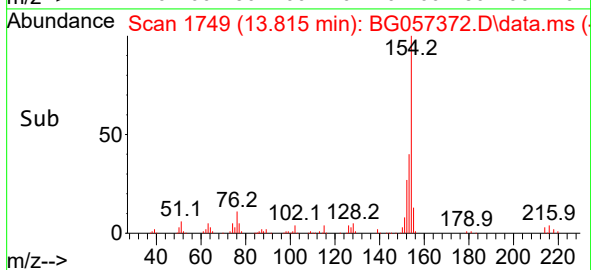
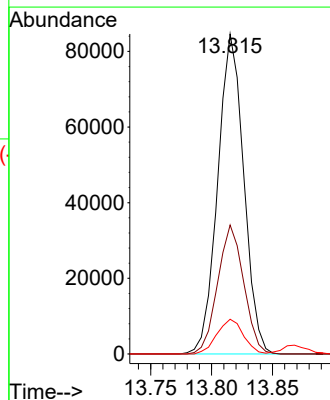
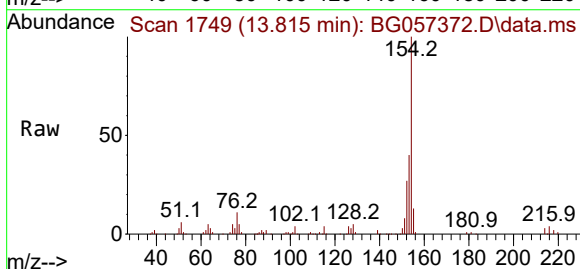
Instrument :
BNA_G
ClientSampleId :
SLCS684

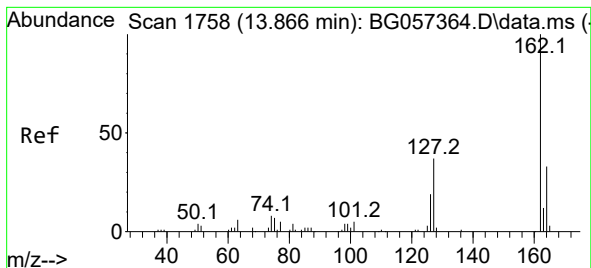
Tgt Ion:196 Resp: 39190
Ion Ratio Lower Upper
196 100
198 99.5 85.7 128.5
200 33.4 29.9 44.9



#43
1,1'-Biphenyl
Concen: 33.021 ng/ul
RT: 13.815 min Scan# 1749
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:154 Resp: 125573
Ion Ratio Lower Upper
154 100
153 40.3 31.6 47.4
76 10.9 8.0 12.0





#44

2-Chloronaphthalene

Concen: 33.397 ng/ul

RT: 13.868 min Scan# 1758

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

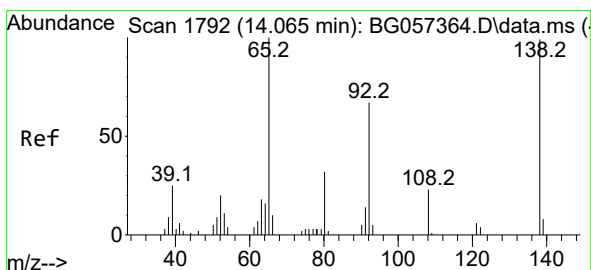
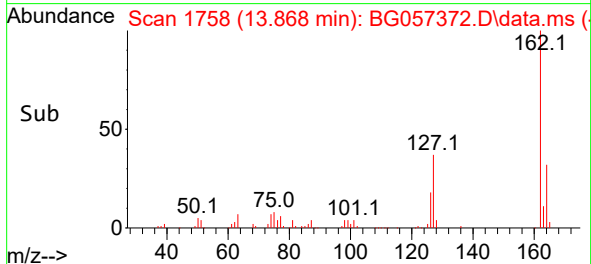
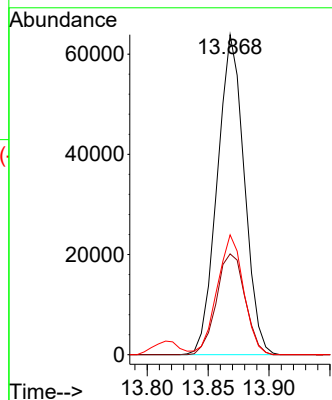
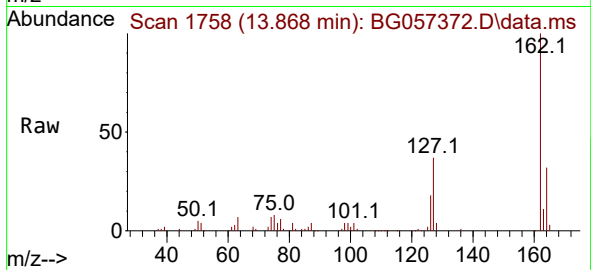
Tgt Ion:162 Resp: 98473

Ion Ratio Lower Upper

162 100

164 31.5 26.2 39.4

127 37.5 29.4 44.2



#45

2-Nitroaniline

Concen: 33.498 ng/ul

RT: 14.068 min Scan# 1792

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

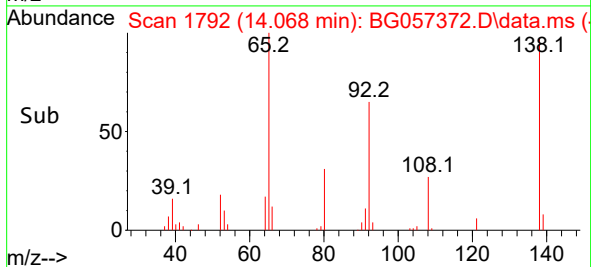
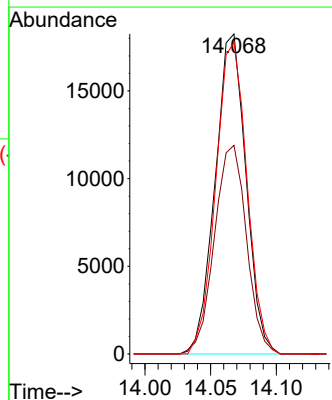
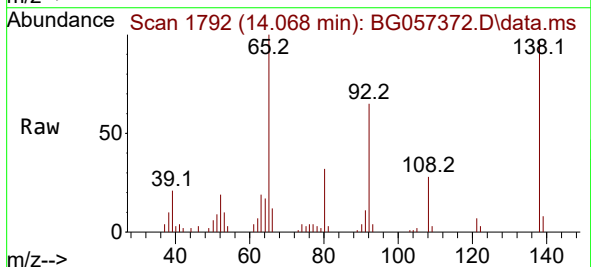
Tgt Ion: 65 Resp: 29818

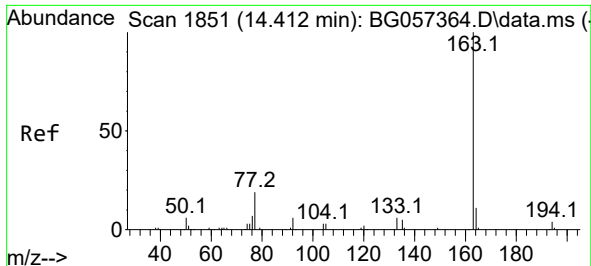
Ion Ratio Lower Upper

65 100

92 65.2 51.8 77.6

138 97.4 71.9 107.9

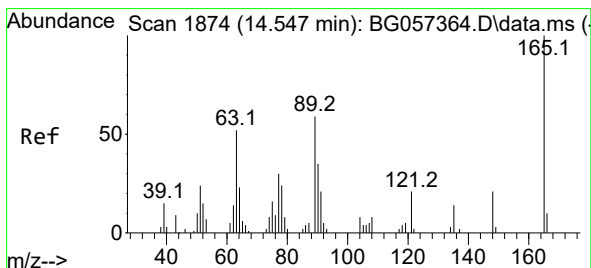
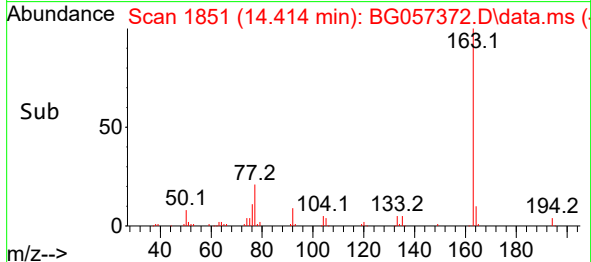
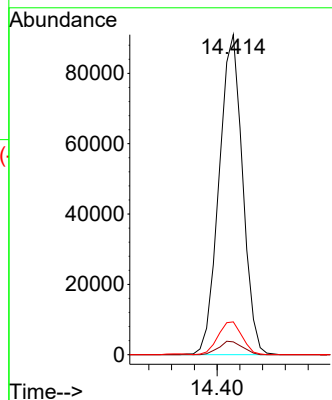
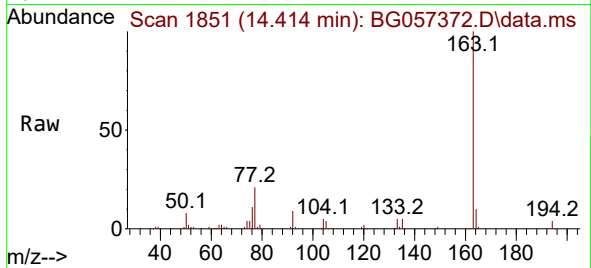




#47
Dimethylphthalate
Concen: 33.003 ng/ul
RT: 14.414 min Scan# 1851
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

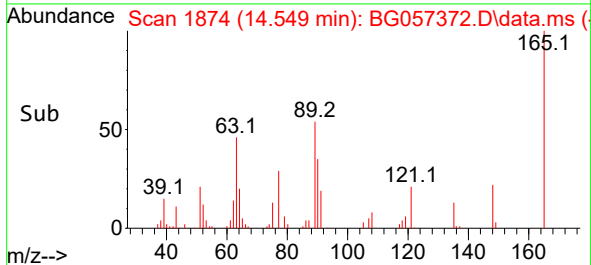
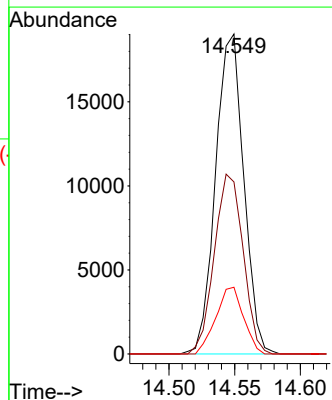
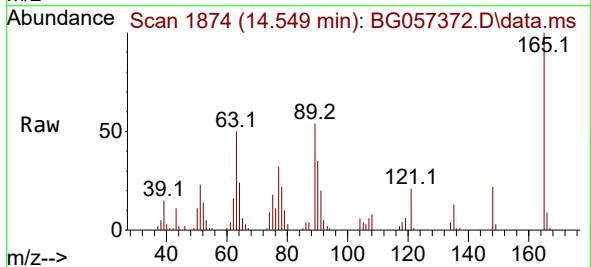
Instrument :
BNA_G
ClientSampleId :
SLCS684

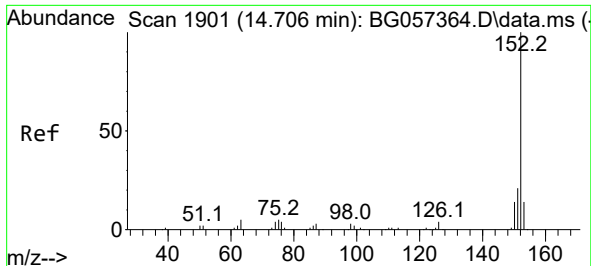
Tgt Ion:163 Resp: 130880
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 34.823 ng/ul
RT: 14.549 min Scan# 1874
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:165 Resp: 28420
Ion Ratio Lower Upper
165 100
89 53.8 50.6 76.0
121 20.9 16.8 25.2

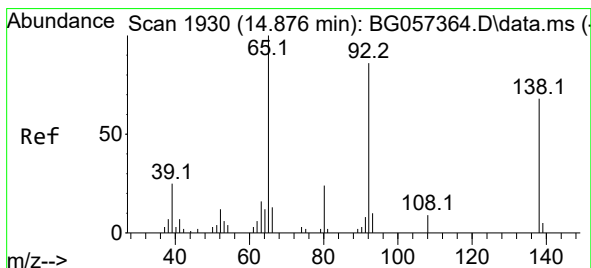
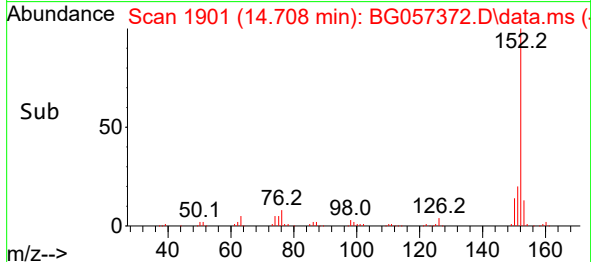
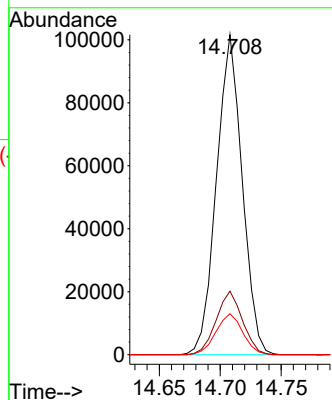
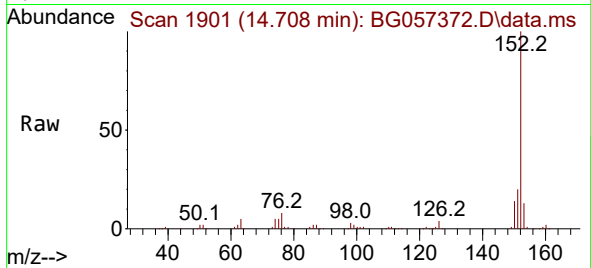




#50
Acenaphthylene
Concen: 33.022 ng/ul
RT: 14.708 min Scan# 1901
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

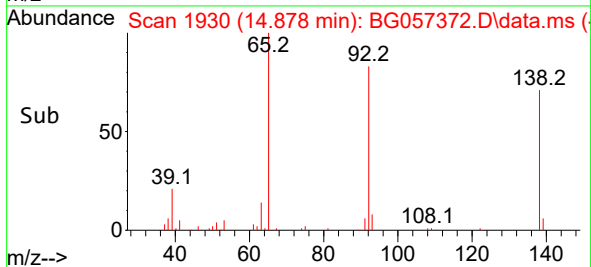
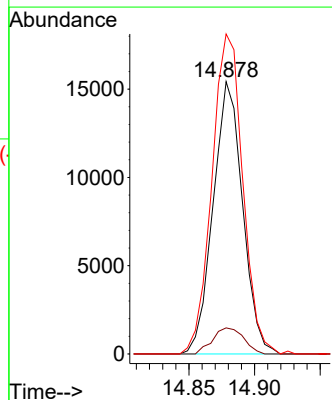
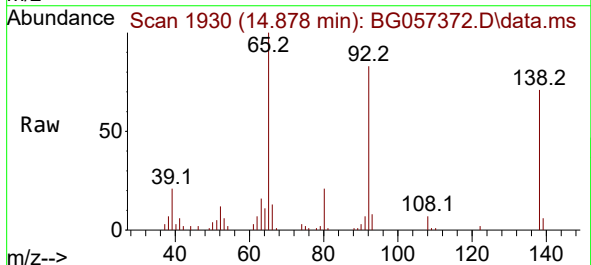
Instrument :
BNA_G
ClientSampleId :
SLCS684

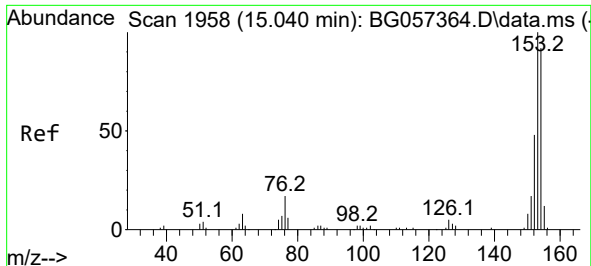
Tgt Ion:152 Resp: 148941
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.8 10.1 15.1



#51
3-Nitroaniline
Concen: 41.637 ng/ul
RT: 14.878 min Scan# 1930
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

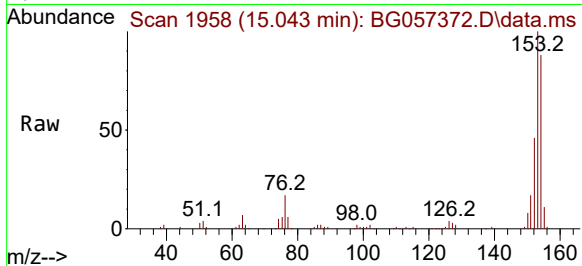
Tgt Ion:138 Resp: 24077
Ion Ratio Lower Upper
138 100
108 9.6 9.2 13.8
92 117.5 99.5 149.3



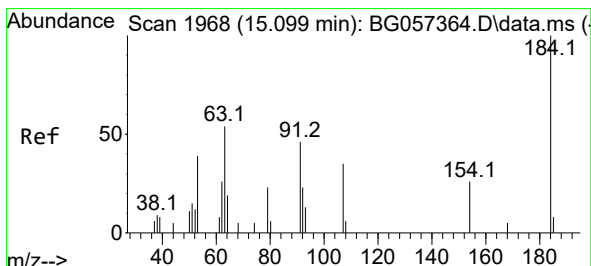
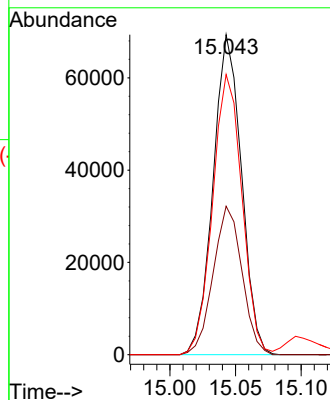
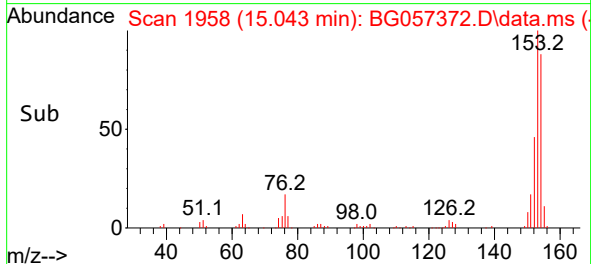


#52
Acenaphthene
Concen: 32.423 ng/ul
RT: 15.043 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

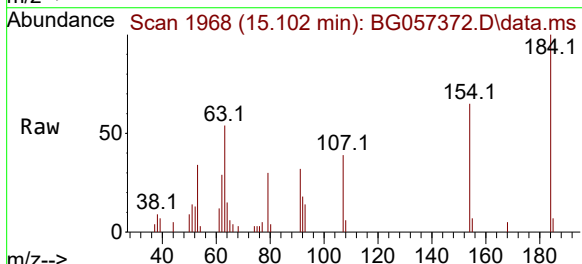
Instrument :
BNA_G
ClientSampleId :
SLCS684



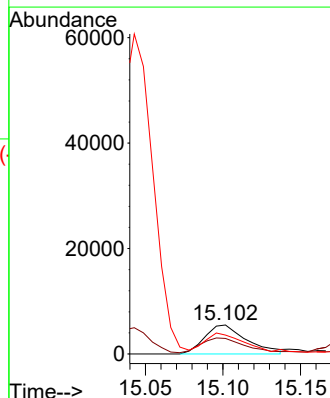
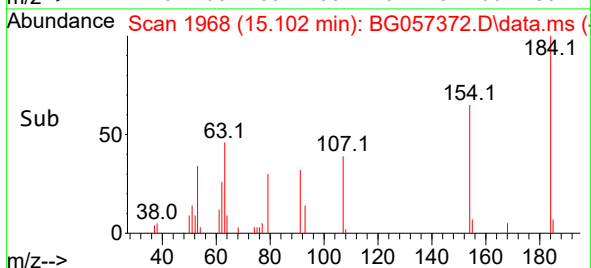
Tgt Ion:153 Resp: 104195
Ion Ratio Lower Upper
153 100
152 46.4 36.5 54.7
154 87.5 70.6 106.0

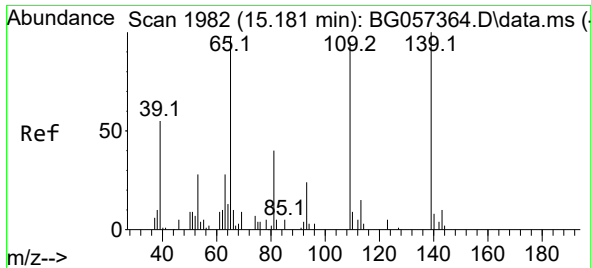


#53
2,4-Dinitrophenol
Concen: 23.821 ng/ul
RT: 15.102 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52



Tgt Ion:184 Resp: 10353
Ion Ratio Lower Upper
184 100
63 53.5 48.3 72.5
154 65.2 50.0 75.0

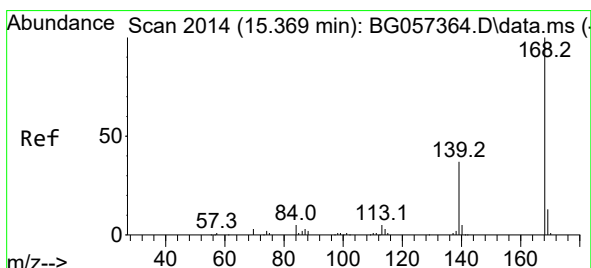
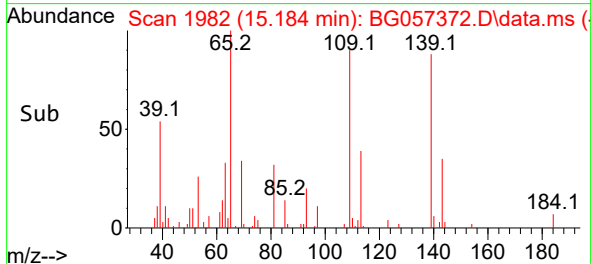
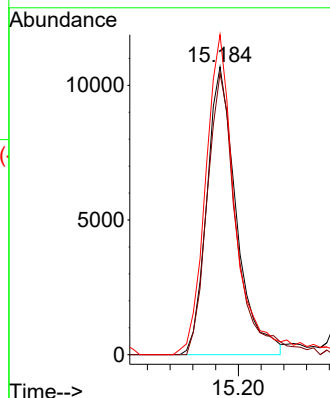
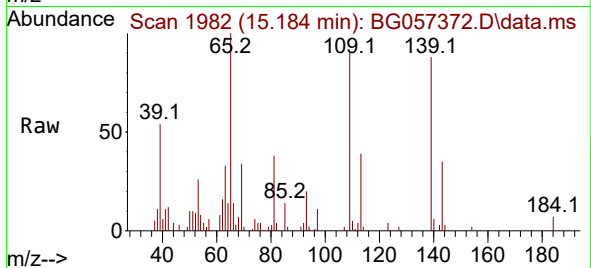




#55
4-Nitrophenol
Concen: 29.468 ng/ul
RT: 15.184 min Scan# 1982
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

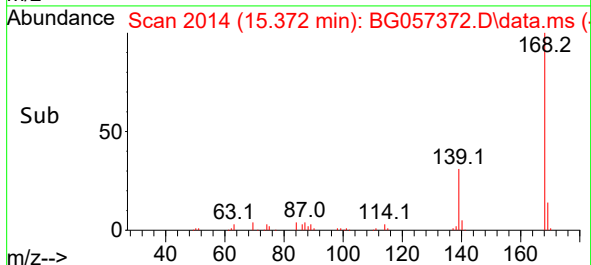
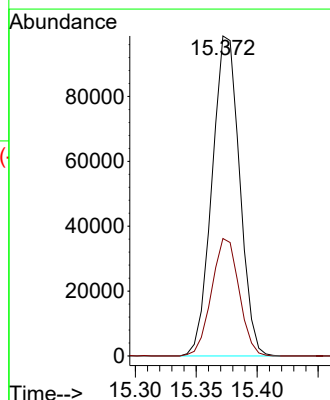
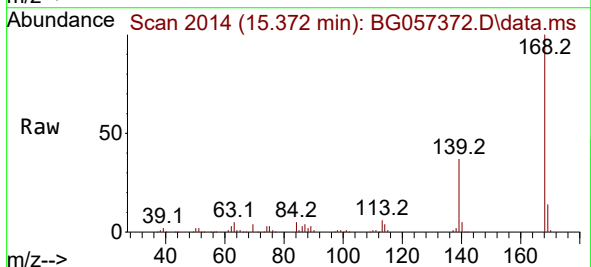
Instrument :
BNA_G
ClientSampleId :
SLCS684

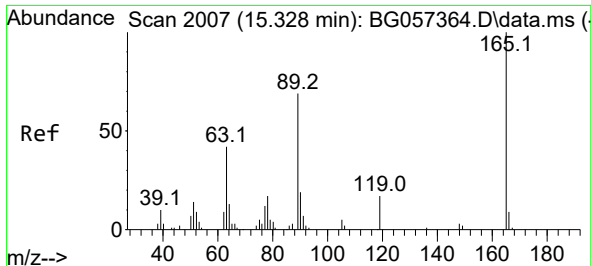
Tgt Ion	Ratio	Lower	Upper
109	100		
139	97.8	73.8	110.8
65	111.2	81.7	122.5



#56
Dibenzofuran
Concen: 33.372 ng/ul
RT: 15.372 min Scan# 2014
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.6	44.4





#57

2,4-Dinitrotoluene

Concen: 35.433 ng/ul

RT: 15.337 min Scan# 2008

Delta R.T. 0.008 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

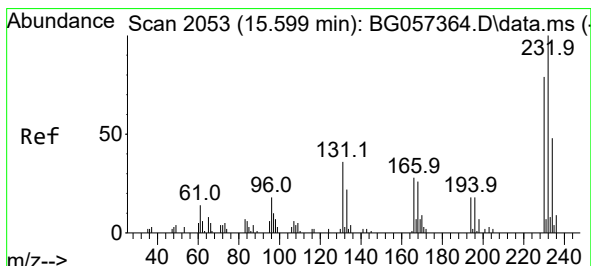
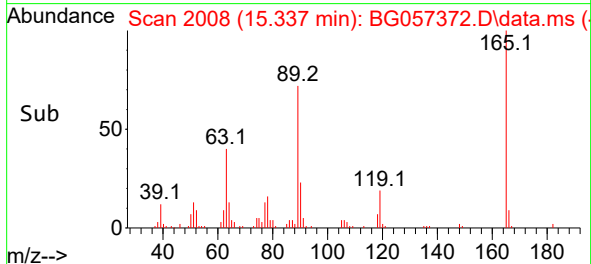
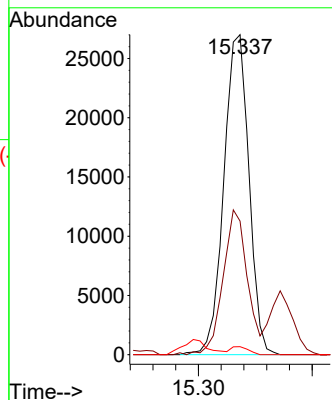
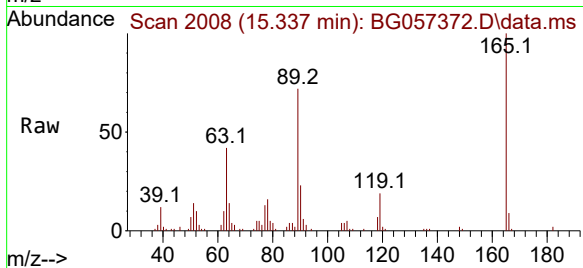
Tgt Ion:165 Resp: 41397

Ion Ratio Lower Upper

165 100

63 41.8 35.9 53.9

182 2.5 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.565 ng/ul

RT: 15.601 min Scan# 2053

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Tgt Ion:232 Resp: 35569

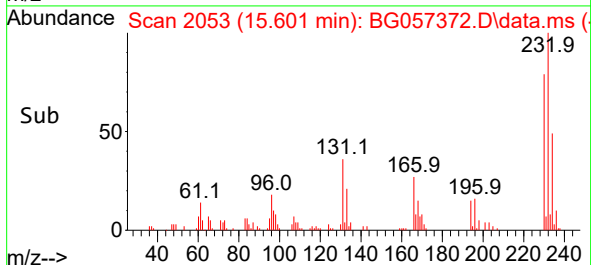
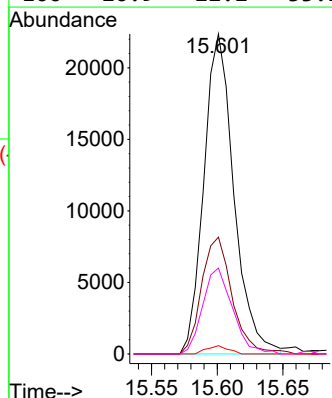
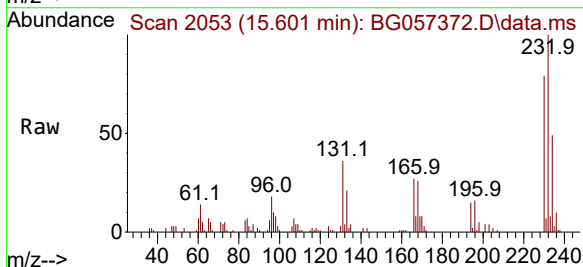
Ion Ratio Lower Upper

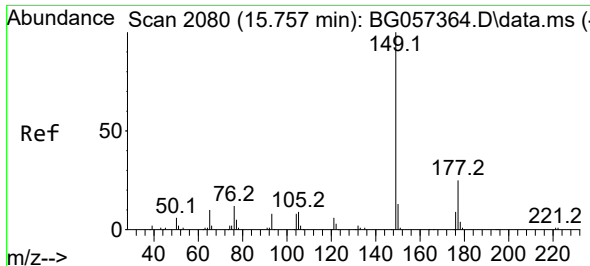
232 100

131 36.5 28.6 43.0

130 2.6 1.8 2.6

166 26.9 22.2 33.2

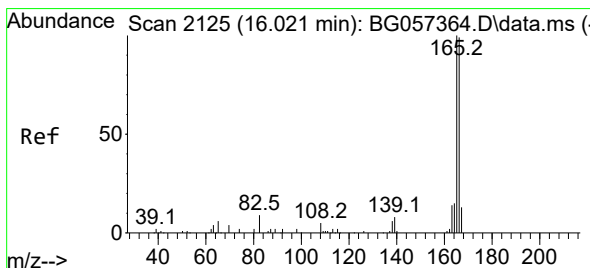
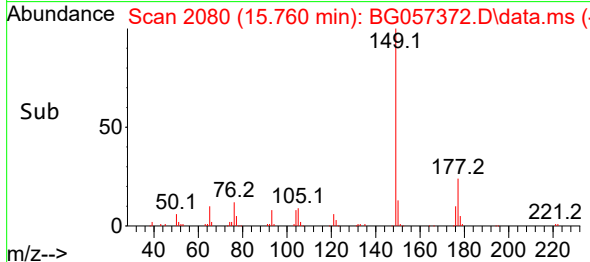
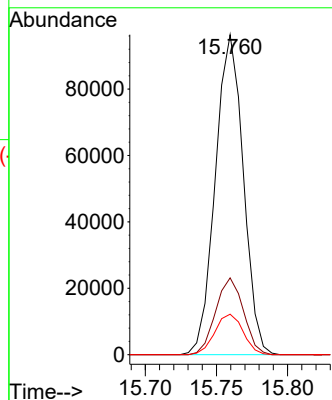
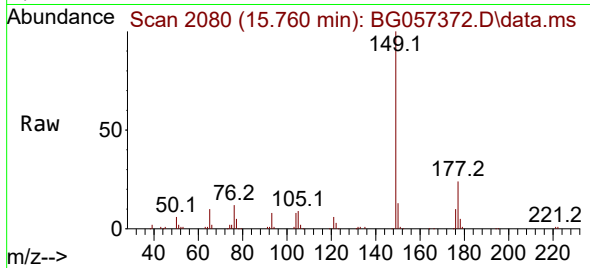




#59
Diethylphthalate
Concen: 32.746 ng/ul
RT: 15.760 min Scan# 2080
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

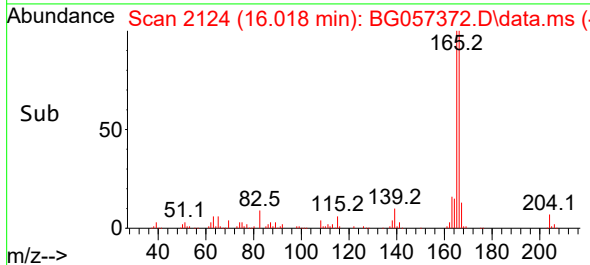
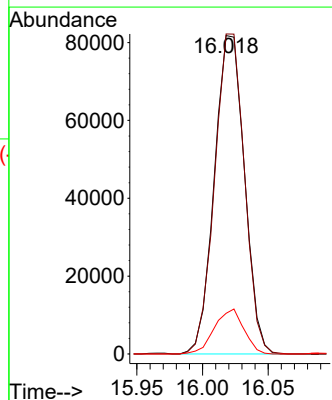
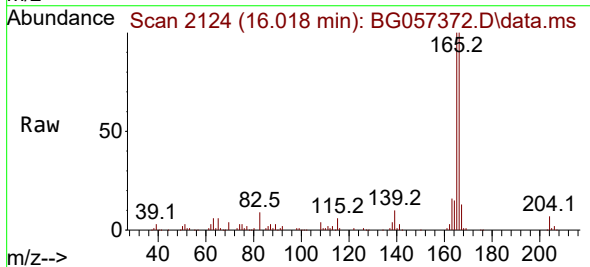
Instrument :
BNA_G
ClientSampleId :
SLCS684

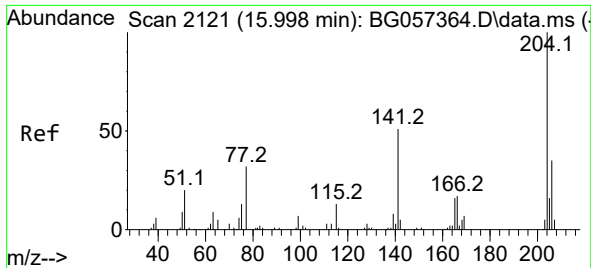
Tgt Ion:149 Resp: 131934
Ion Ratio Lower Upper
149 100
177 24.0 18.6 28.0
150 12.6 9.8 14.8



#61
Fluorene
Concen: 33.238 ng/ul
RT: 16.018 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:166 Resp: 130427
Ion Ratio Lower Upper
166 100
165 100.5 80.1 120.1
167 12.7 10.2 15.4





#62

4-Chlorophenyl-phenylether

Concen: 32.594 ng/ul

RT: 16.000 min Scan# 2121

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

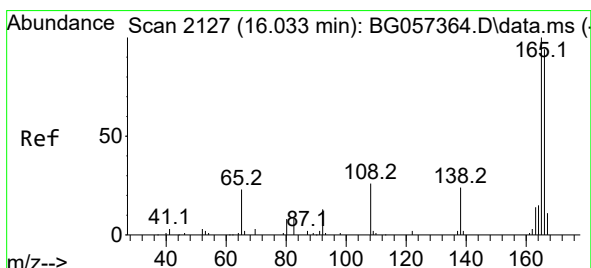
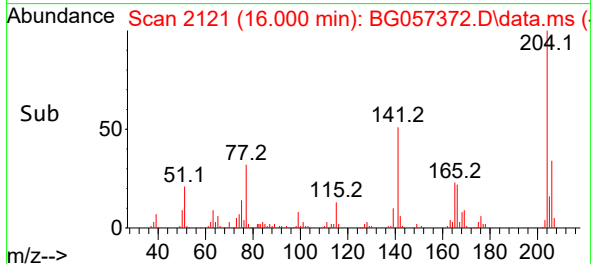
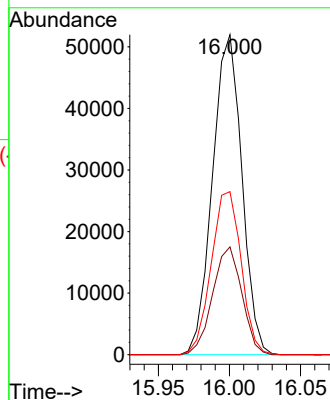
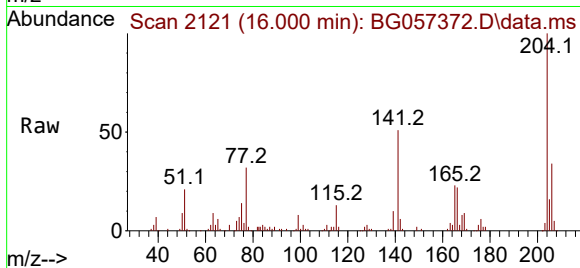
Tgt Ion:204 Resp: 74652

Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

141 51.0 41.5 62.3



#63

4-Nitroaniline

Concen: 45.385 ng/ul

RT: 16.036 min Scan# 2127

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

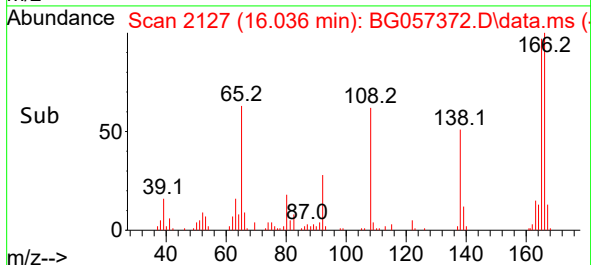
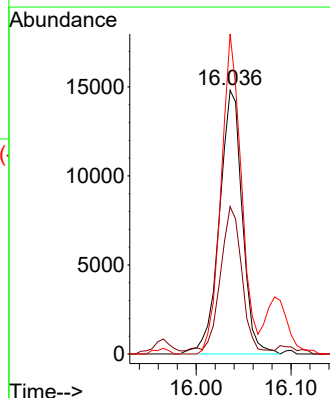
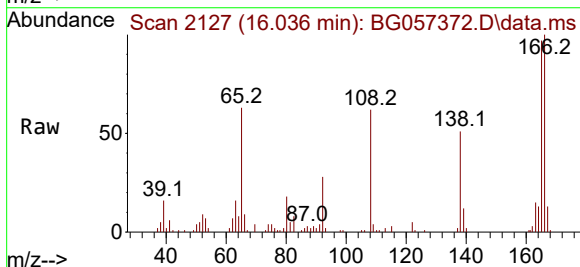
Tgt Ion:138 Resp: 24853

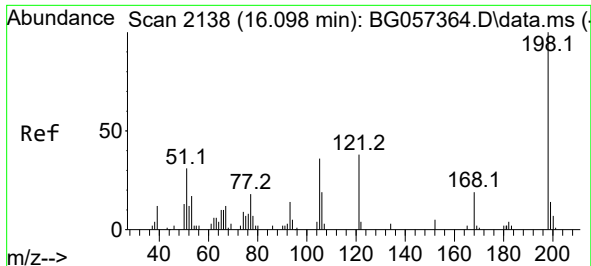
Ion Ratio Lower Upper

138 100

92 55.9 39.9 59.9

108 121.4 89.1 133.7

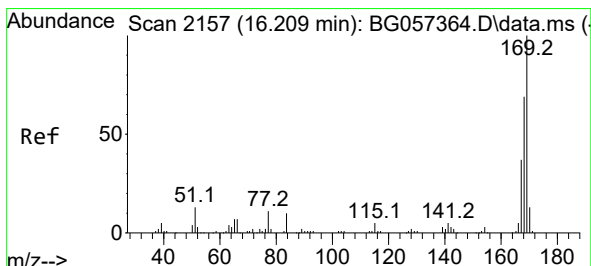
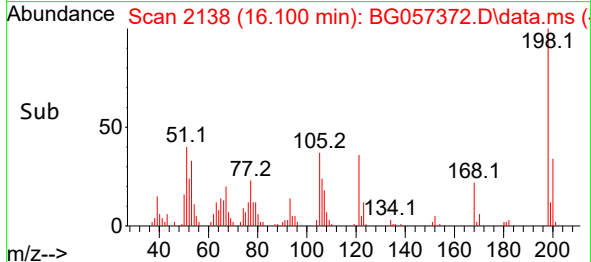
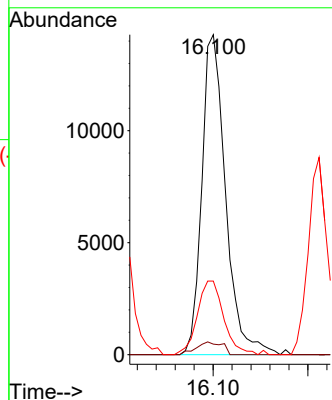
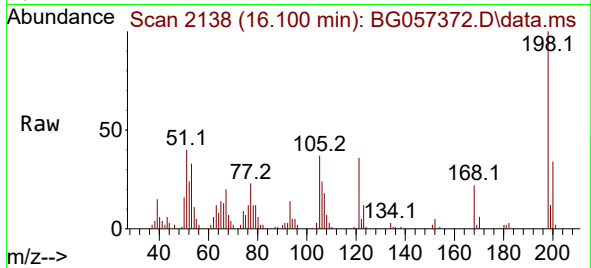




#66
 4,6-Dinitro-2-methylphenol
 Concen: 33.386 ng/ul
 RT: 16.100 min Scan# 2138
 Delta R.T. 0.002 min
 Lab File: BG057372.D
 Acq: 10 May 2023 16:52

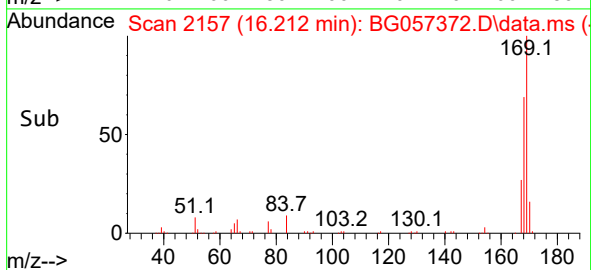
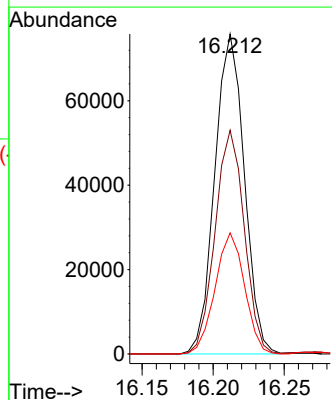
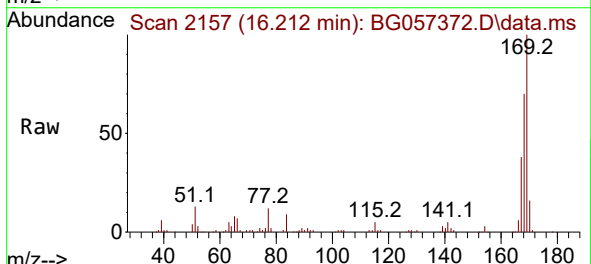
Instrument :
 BNA_G
 ClientSampleId :
 SLCS684

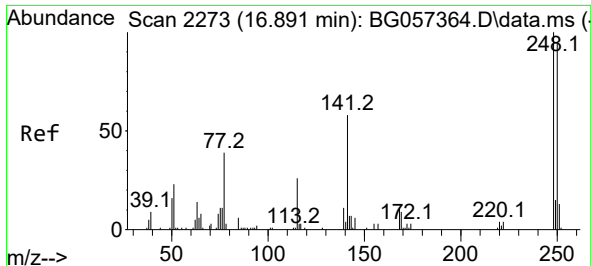
Tgt Ion:198 Resp: 24838
 Ion Ratio Lower Upper
 198 100
 182 3.3 3.0 4.6
 77 23.0 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 34.098 ng/ul
 RT: 16.212 min Scan# 2157
 Delta R.T. 0.002 min
 Lab File: BG057372.D
 Acq: 10 May 2023 16:52

Tgt Ion:169 Resp: 109758
 Ion Ratio Lower Upper
 169 100
 168 69.9 55.4 83.2
 167 37.9 31.0 46.4

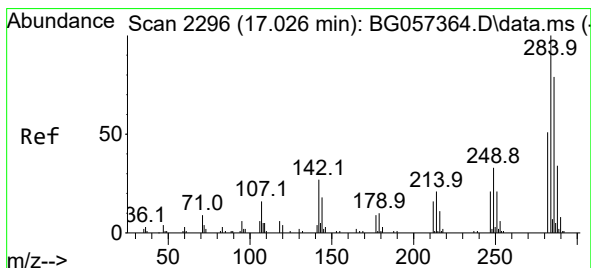
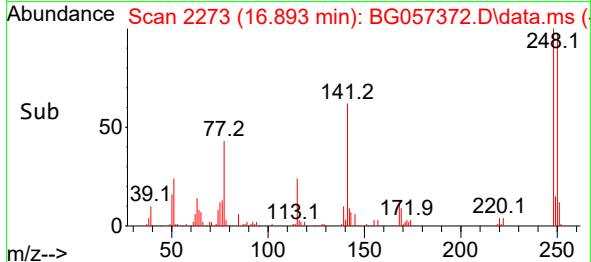
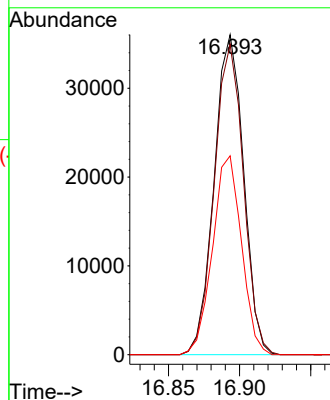
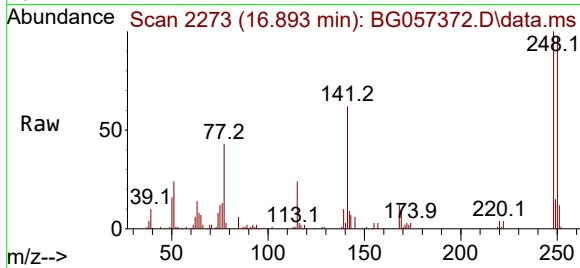




#68
4-Bromophenyl-phenylether
Concen: 35.281 ng/ul
RT: 16.893 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

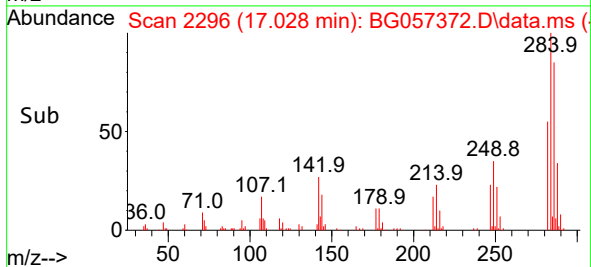
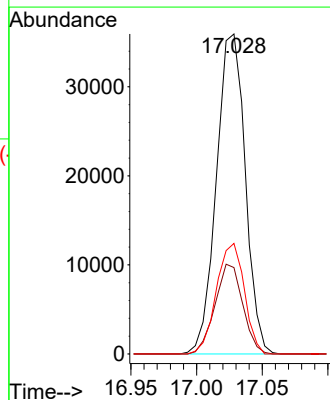
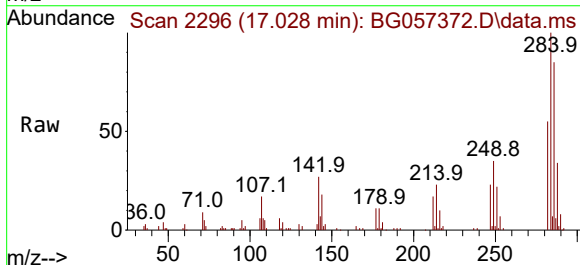
Instrument :
BNA_G
ClientSampleId :
SLCS684

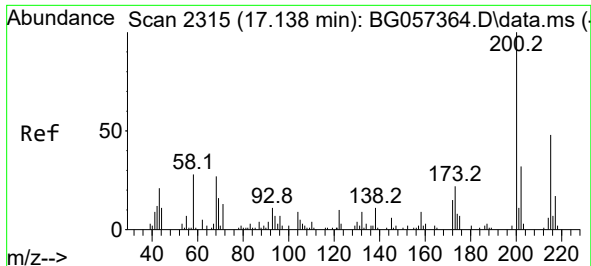
Tgt Ion:248 Resp: 51963
Ion Ratio Lower Upper
248 100
250 97.0 74.8 112.2
141 62.2 47.8 71.6



#69
Hexachlorobenzene
Concen: 35.407 ng/ul
RT: 17.028 min Scan# 2296
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:284 Resp: 54915
Ion Ratio Lower Upper
284 100
142 27.0 22.6 33.8
249 34.6 26.2 39.2

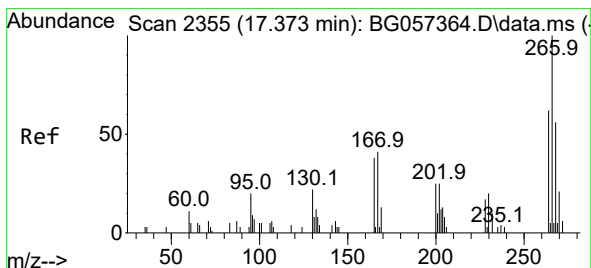
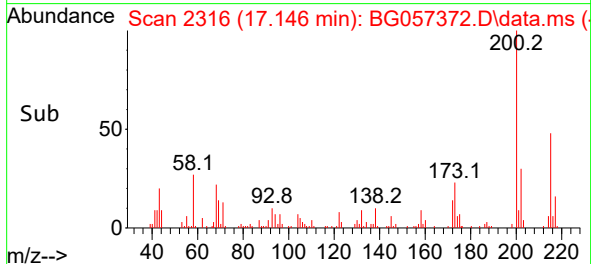
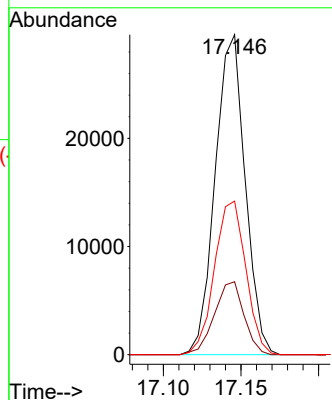
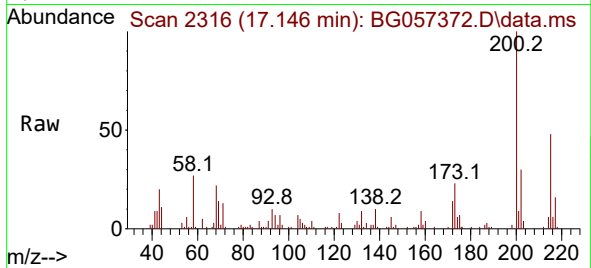




#70
Atrazine
Concen: 27.808 ng/ul
RT: 17.146 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

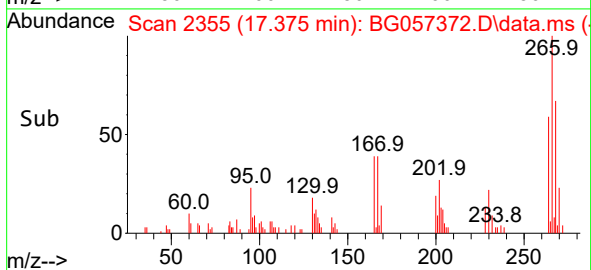
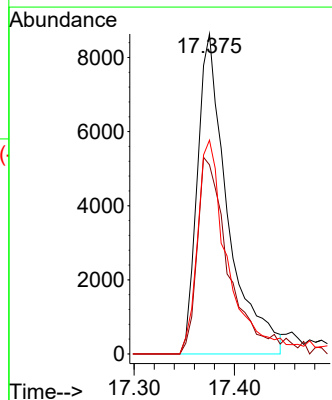
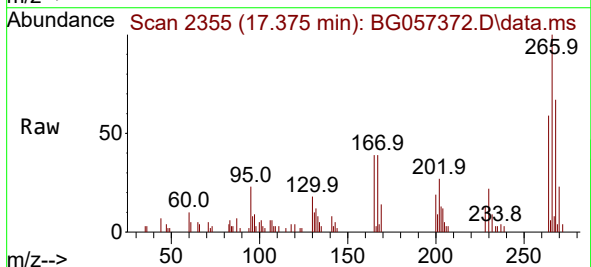
Instrument :
BNA_G
ClientSampleId :
SLCS684

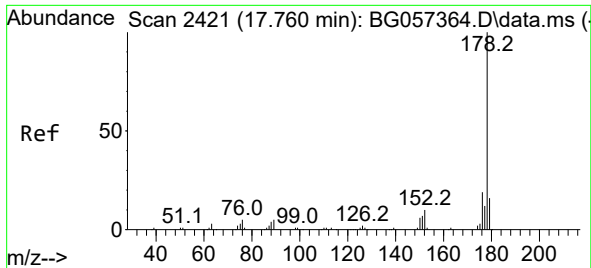
Tgt Ion:200 Resp: 39782
Ion Ratio Lower Upper
200 100
173 22.8 17.8 26.6
215 48.0 40.3 60.5



#71
Pentachlorophenol
Concen: 25.285 ng/ul
RT: 17.375 min Scan# 2355
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:266 Resp: 18127
Ion Ratio Lower Upper
266 100
264 59.1 47.8 71.6
268 66.8 48.2 72.4

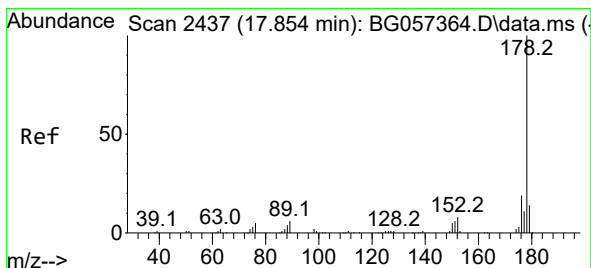
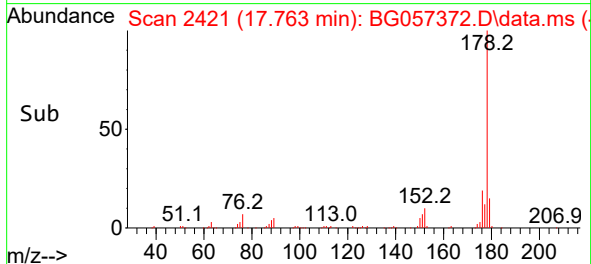
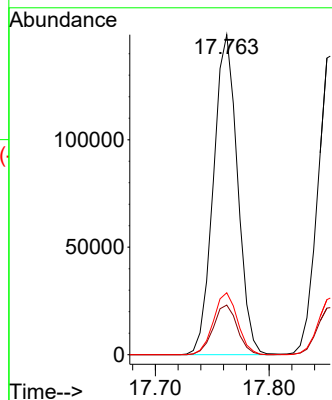
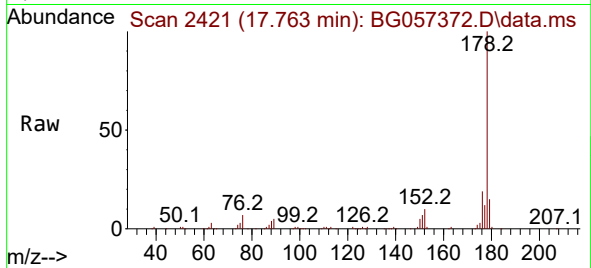




#72
Phenanthrene
Concen: 34.145 ng/ul
RT: 17.763 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

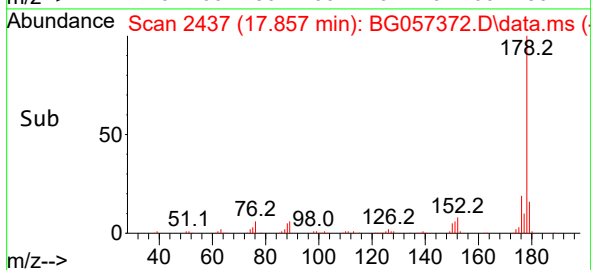
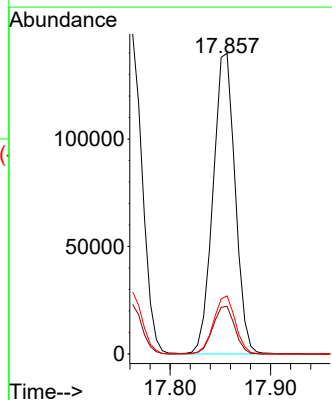
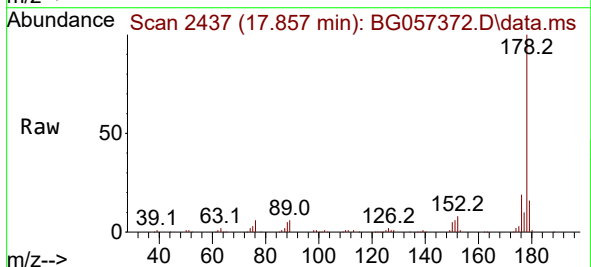
Instrument :
BNA_G
ClientSampleId :
SLCS684

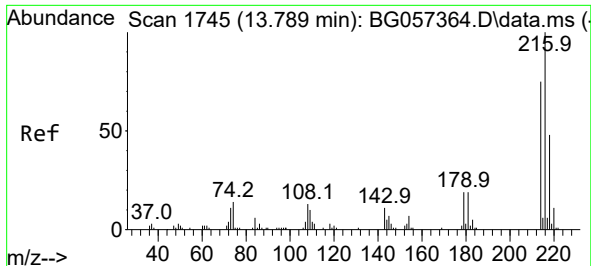
Tgt Ion:178 Resp: 219111
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.8
176 19.4 15.4 23.0



#74
Anthracene
Concen: 33.226 ng/ul
RT: 17.857 min Scan# 2437
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:178 Resp: 214174
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.3 14.7 22.1

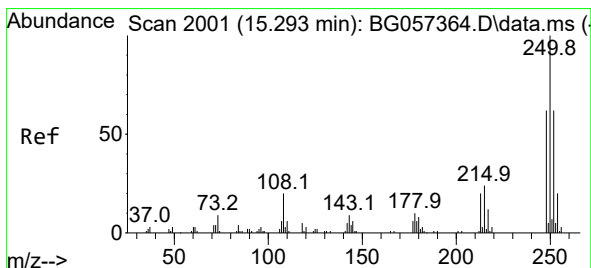
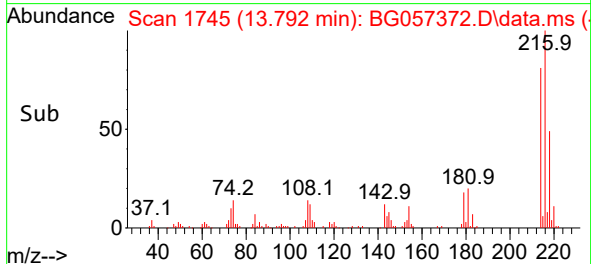
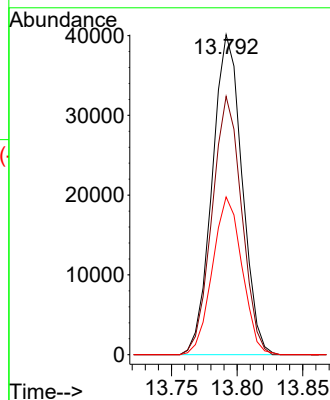
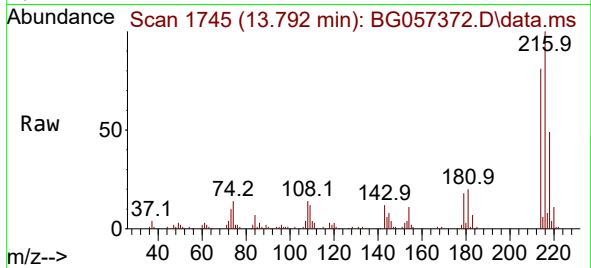




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.213 ng/uL
RT: 13.792 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

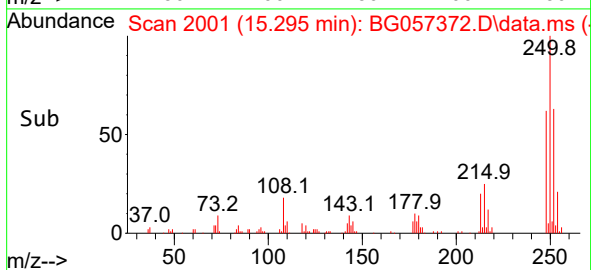
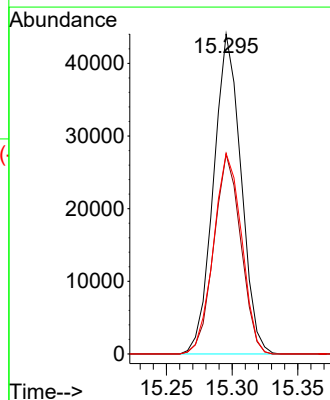
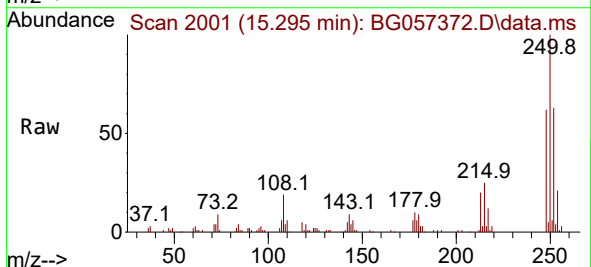
Instrument :
BNA_G
ClientSampleId :
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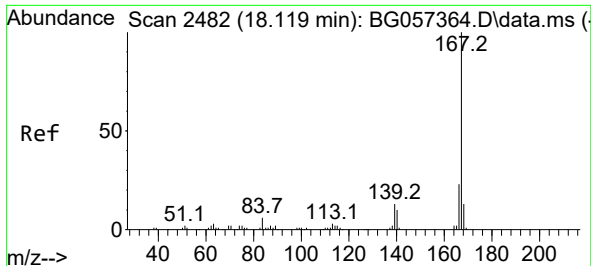
Tgt Ion:216 Resp: 63412
Ion Ratio Lower Upper
216 100
214 80.7 64.3 96.5
218 49.3 38.5 57.7



#76
Pentachlorobenzene
Concen: 33.976 ng/uL
RT: 15.295 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:250 Resp: 64099
Ion Ratio Lower Upper
250 100
248 62.5 52.2 78.2
252 62.6 52.5 78.7

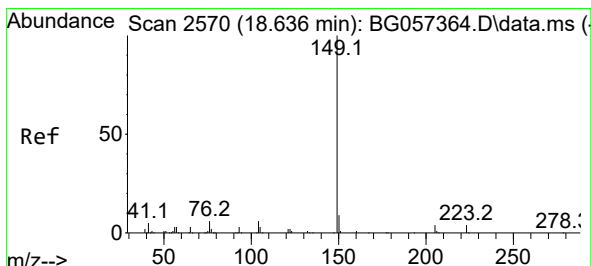
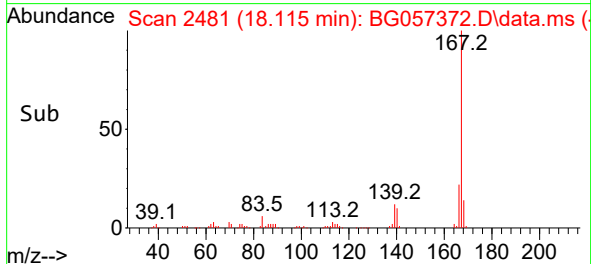
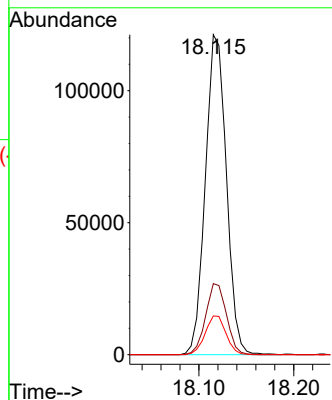
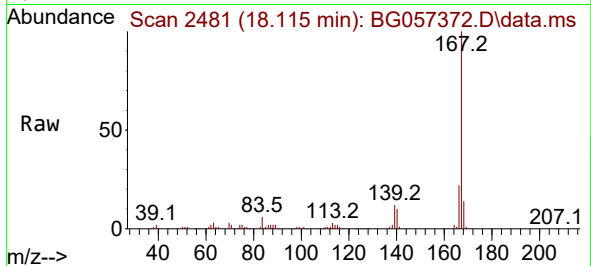




#77
 Carbazole
 Concen: 34.667 ng/ul
 RT: 18.115 min Scan# 2481
 Delta R.T. -0.003 min
 Lab File: BG057372.D
 Acq: 10 May 2023 16:52

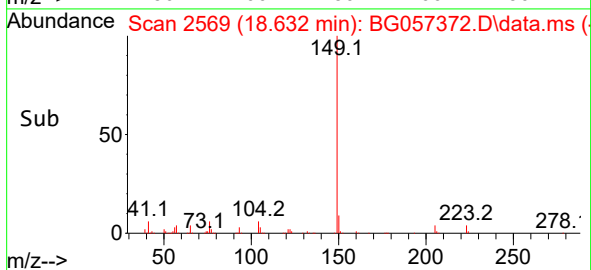
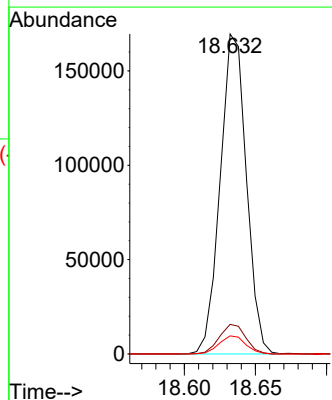
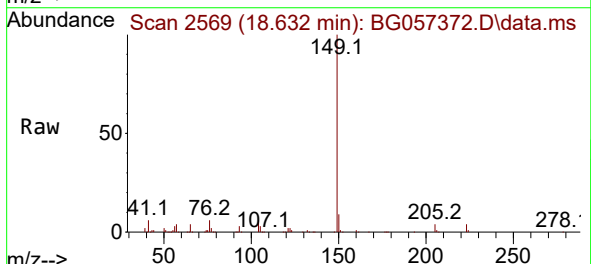
Instrument :
 BNA_G
 ClientSampleId :
 SLCS684

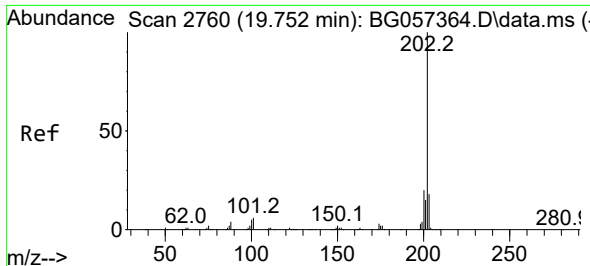
Tgt Ion:167 Resp: 186747
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.1 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 35.281 ng/ul
 RT: 18.632 min Scan# 2569
 Delta R.T. -0.003 min
 Lab File: BG057372.D
 Acq: 10 May 2023 16:52

Tgt Ion:149 Resp: 217328
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.7 5.0 7.6

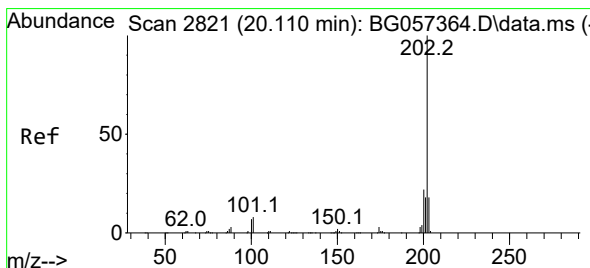
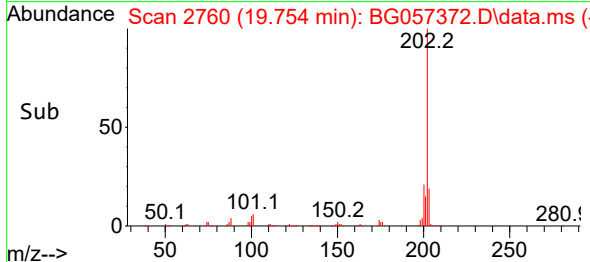
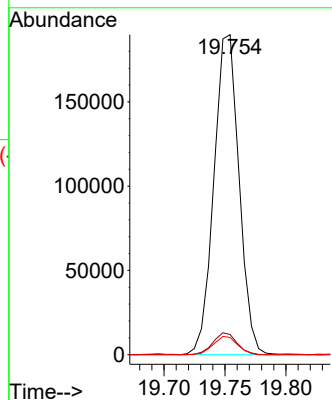
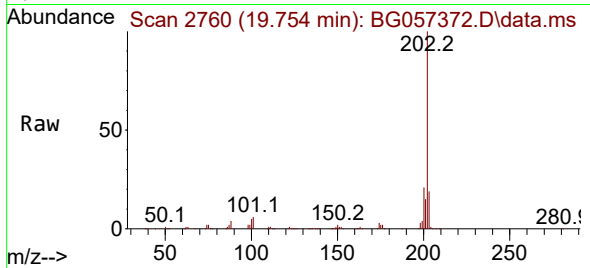




#80
Fluoranthene
Concen: 33.495 ng/u1
RT: 19.754 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

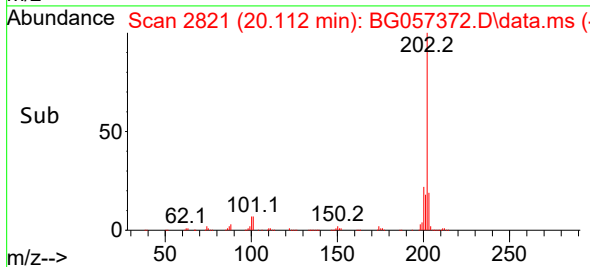
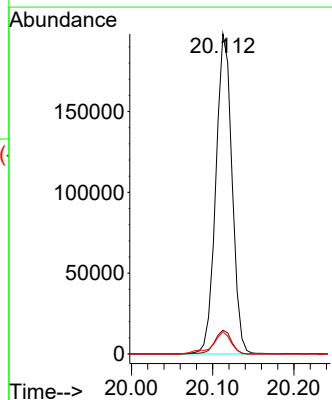
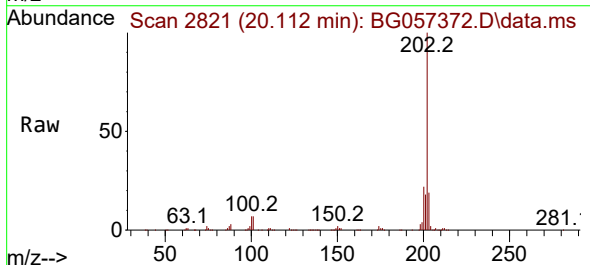
Instrument :
BNA_G
ClientSampleId :
SLCS684

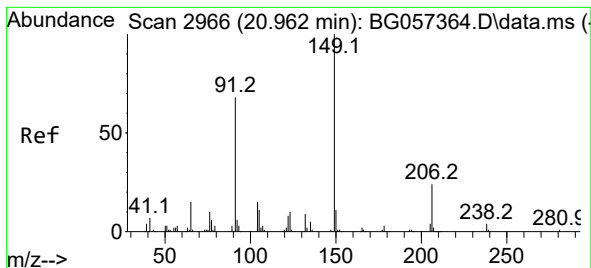
Tgt Ion:202 Resp: 272822
Ion Ratio Lower Upper
202 100
101 6.3 5.8 8.6
100 5.4 4.6 7.0



#82
Pyrene
Concen: 33.319 ng/u1
RT: 20.112 min Scan# 2821
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:202 Resp: 274738
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 7.0 6.0 9.0





#83

Butylbenzylphthalate

Concen: 37.019 ng/ul

RT: 20.964 min Scan# 2966

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

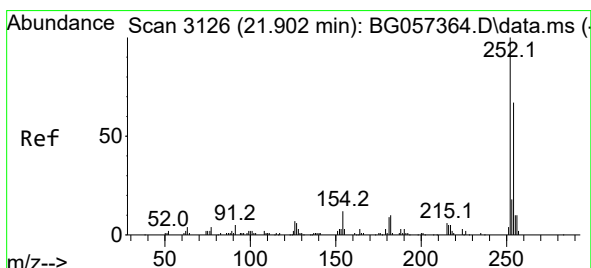
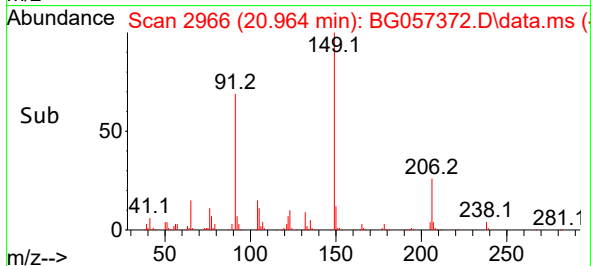
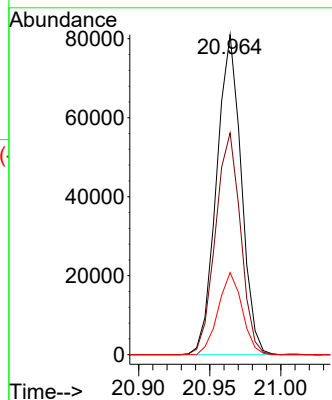
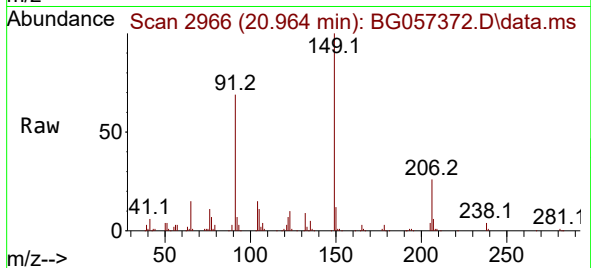
Tgt Ion:149 Resp: 97756

Ion Ratio Lower Upper

149 100

91 69.3 58.6 87.8

206 25.7 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 39.514 ng/ul

RT: 21.904 min Scan# 3126

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

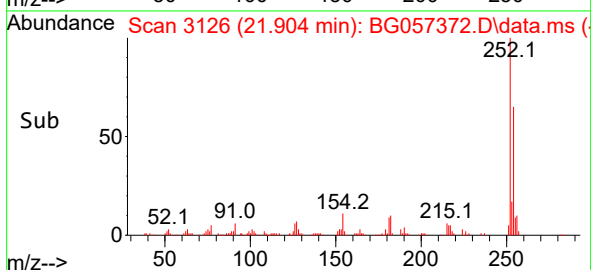
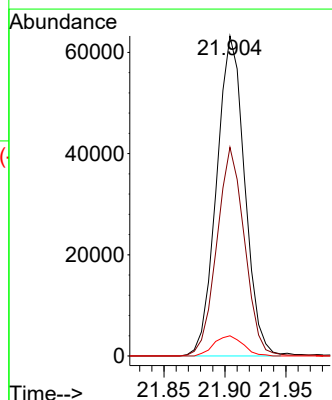
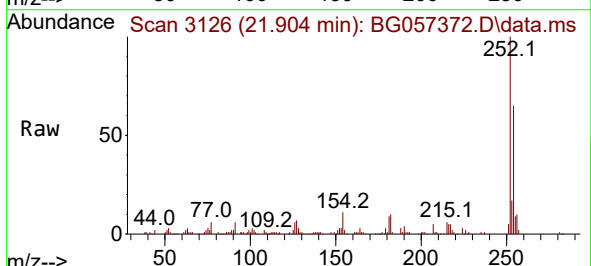
Tgt Ion:252 Resp: 101376

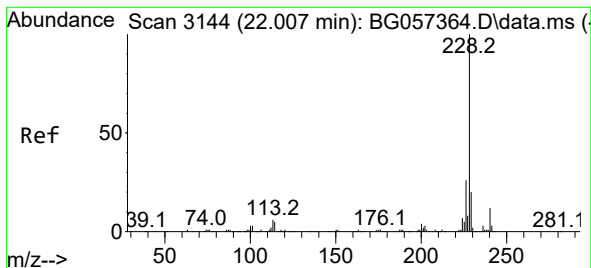
Ion Ratio Lower Upper

252 100

254 65.2 53.7 80.5

126 6.3 5.2 7.8





#85

Benzo(a)anthracene

Concen: 34.213 ng/ul

RT: 22.010 min Scan# 3144

Delta R.T. 0.002 min

Lab File: BG057372.D

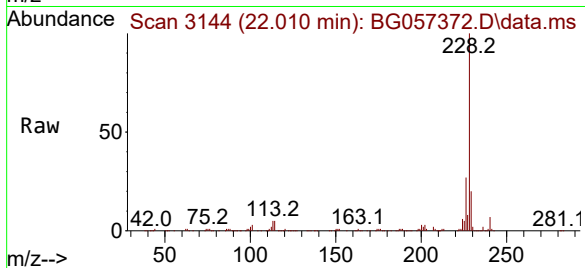
Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684



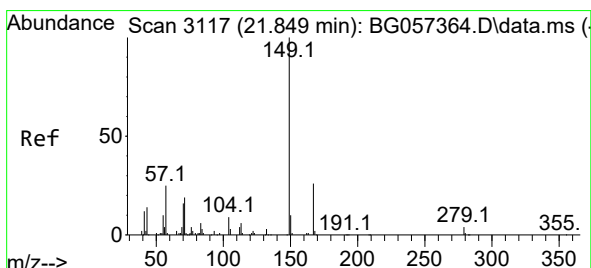
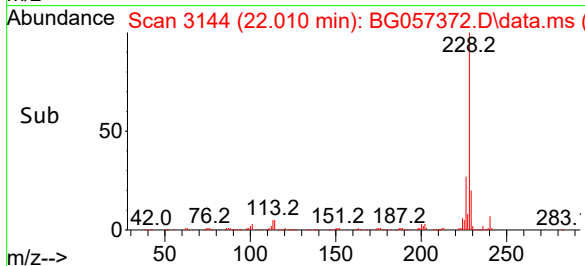
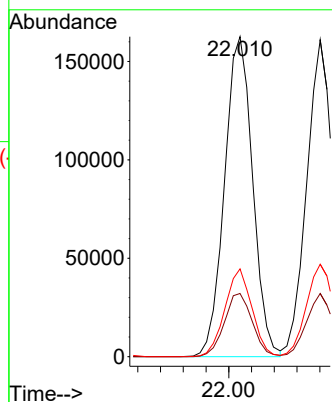
Tgt Ion:228 Resp: 279527

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 27.5 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.437 ng/ul

RT: 21.851 min Scan# 3117

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

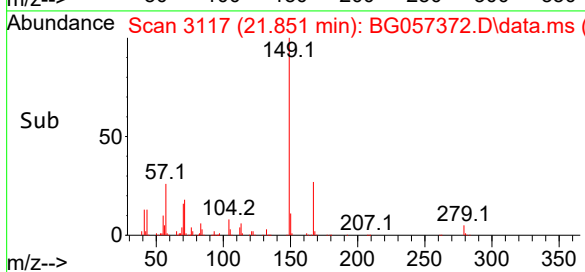
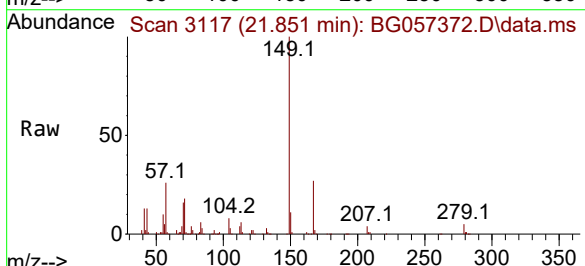
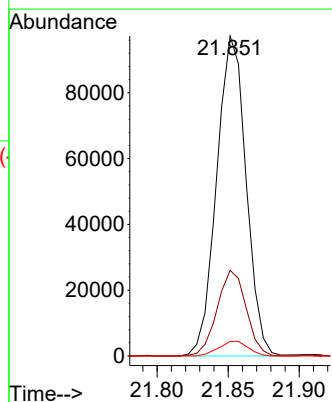
Tgt Ion:149 Resp: 139940

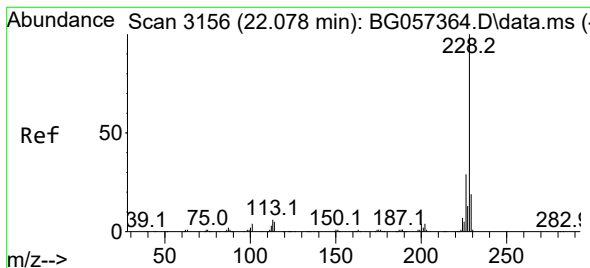
Ion Ratio Lower Upper

149 100

167 26.7 23.0 34.6

279 4.5 3.6 5.4





#87

Chrysene

Concen: 34.008 ng/ul

RT: 22.080 min Scan# 3156

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

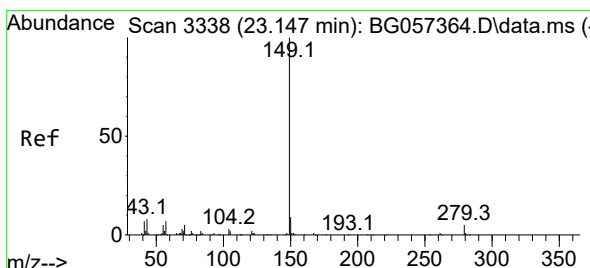
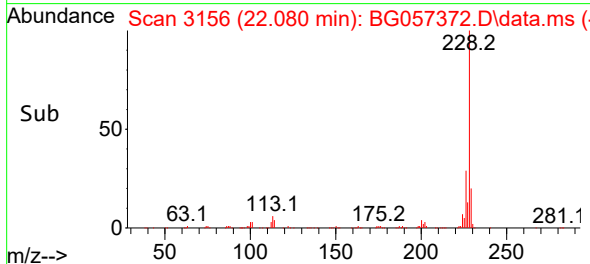
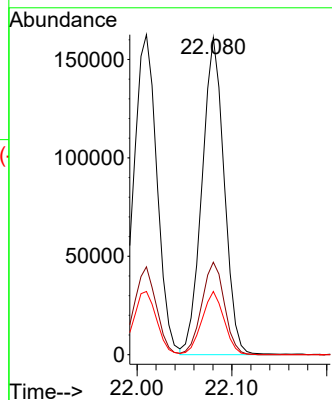
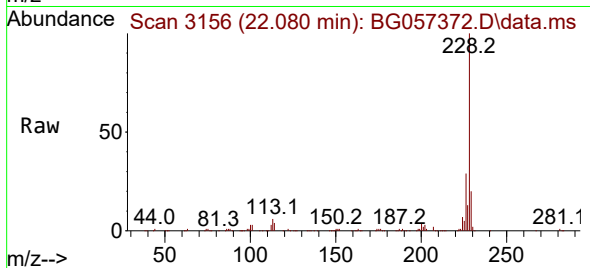
Tgt Ion:228 Resp: 262142

Ion Ratio Lower Upper

228 100

226 29.2 22.8 34.2

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 35.139 ng/ul

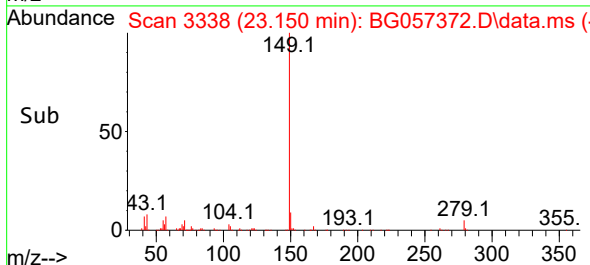
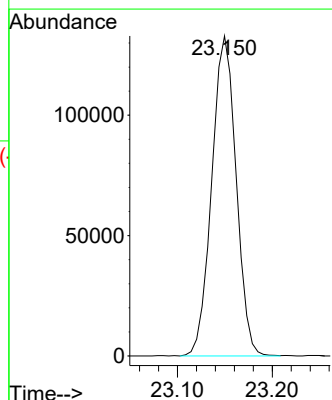
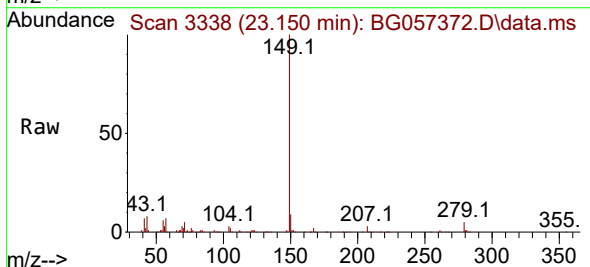
RT: 23.150 min Scan# 3338

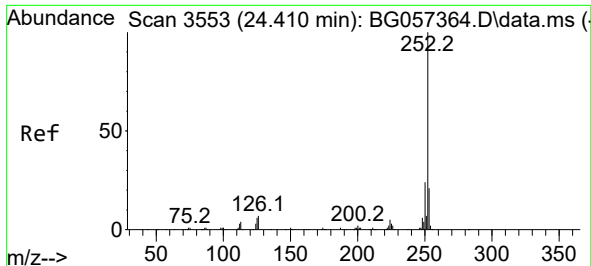
Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Tgt Ion:149 Resp: 237672

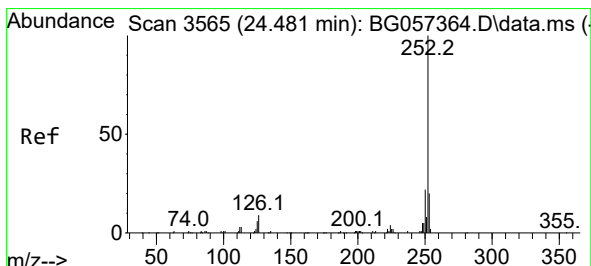
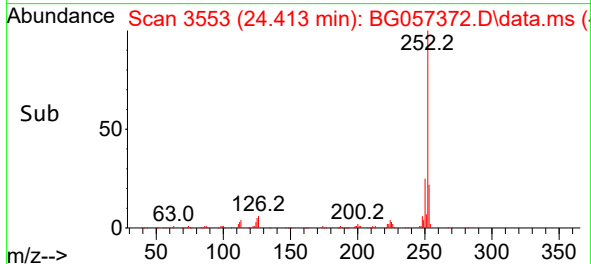
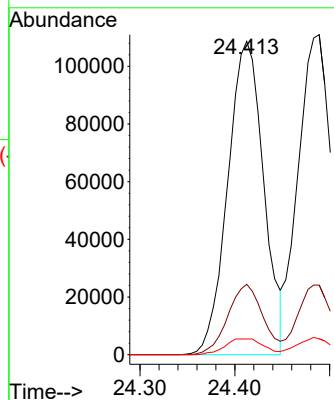
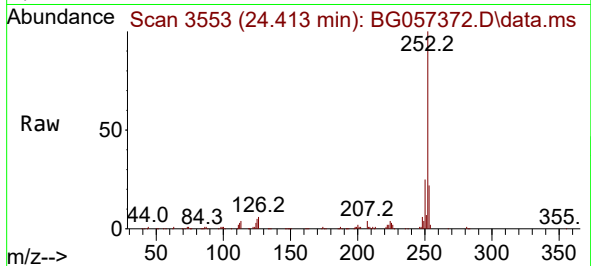




#90
Benzo(b)fluoranthene
Concen: 33.755 ng/ul
RT: 24.413 min Scan# 3553
Delta R.T. 0.002 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

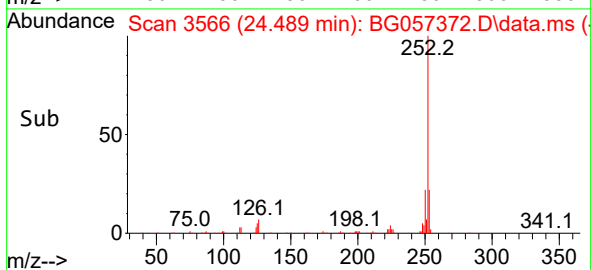
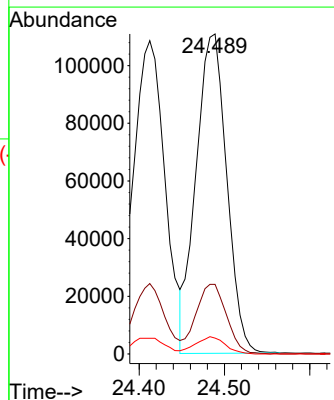
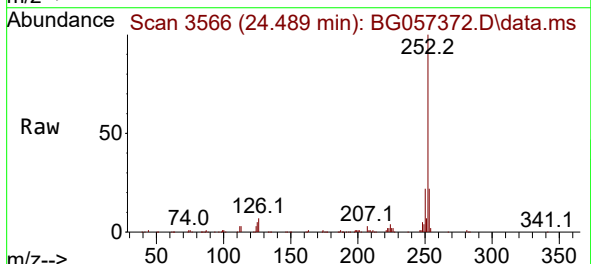
Instrument :
BNA_G
ClientSampleId :
SLCS684

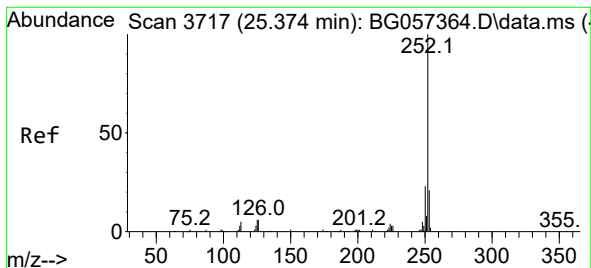
Tgt Ion:252 Resp: 286301
Ion Ratio Lower Upper
252 100
253 22.5 16.7 25.1
125 5.0 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 33.530 ng/ul
RT: 24.489 min Scan# 3566
Delta R.T. 0.008 min
Lab File: BG057372.D
Acq: 10 May 2023 16:52

Tgt Ion:252 Resp: 276683
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 4.9 4.5 6.7





#93

Benzo(a)pyrene

Concen: 33.430 ng/ul

RT: 25.376 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

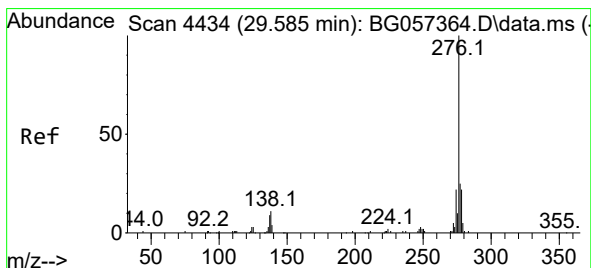
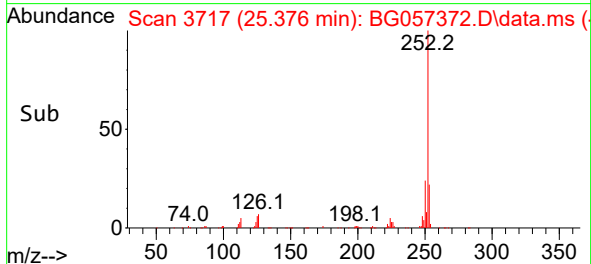
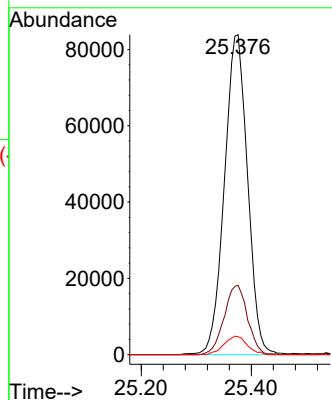
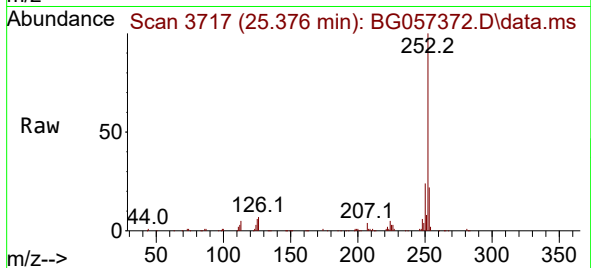
Tgt Ion:252 Resp: 244792

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 5.6 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.954 ng/ul

RT: 29.588 min Scan# 4434

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

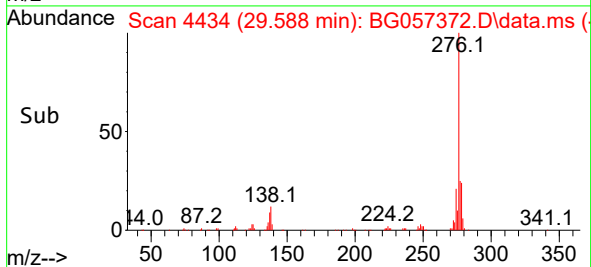
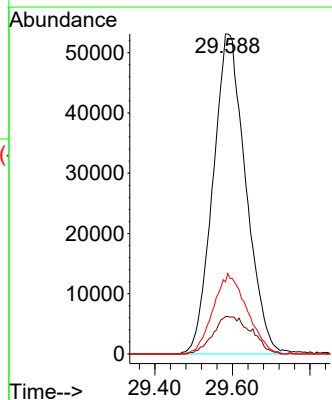
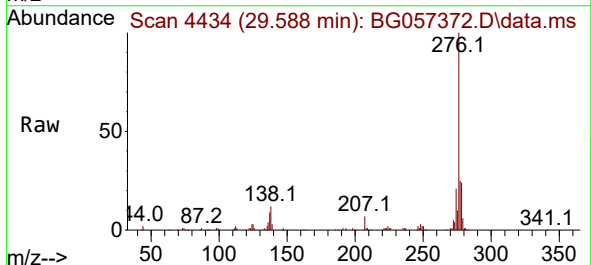
Tgt Ion:276 Resp: 310799

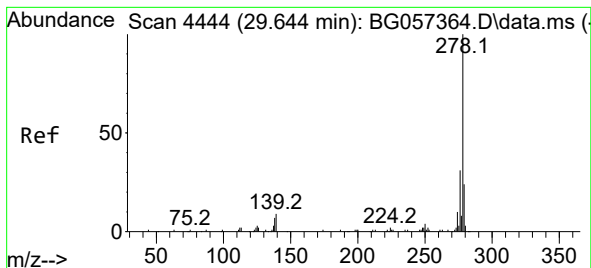
Ion Ratio Lower Upper

276 100

138 11.7 9.4 14.2

277 25.2 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 33.862 ng/ul

RT: 29.641 min Scan# 4444

Delta R.T. -0.003 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Instrument :

BNA_G

ClientSampleId :

SLCS684

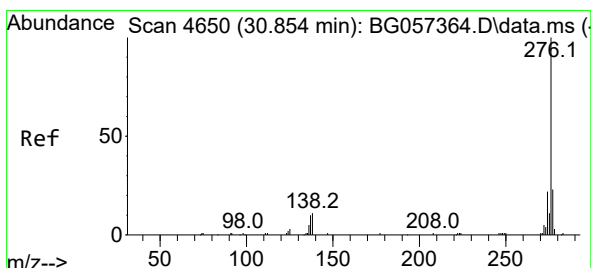
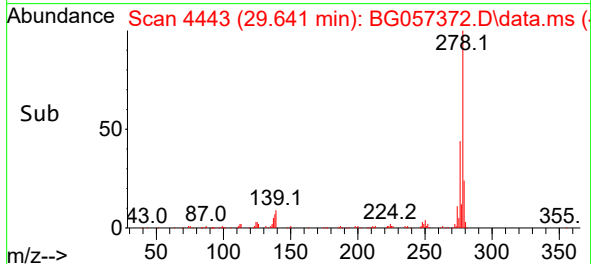
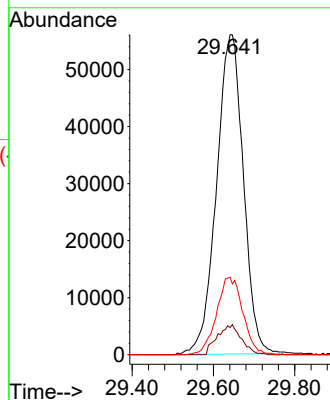
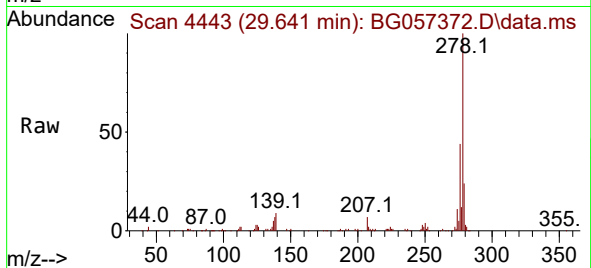
Tgt Ion:278 Resp: 257014

Ion Ratio Lower Upper

278 100

139 8.5 5.8 8.6

279 24.2 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 33.939 ng/ul

RT: 30.857 min Scan# 4650

Delta R.T. 0.002 min

Lab File: BG057372.D

Acq: 10 May 2023 16:52

Tgt Ion:276 Resp: 251423

Ion Ratio Lower Upper

276 100

138 11.7 8.7 13.1

277 23.4 18.4 27.6

