

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057560.D
 Acq On : 25 May 2023 16:22
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 26 02:58:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.351	152	21978	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	86357	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	64684	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	161163	20.000	ng	0.00
76) Chrysene-d12	22.021	240	136456	20.000	ng	0.00
86) Perylene-d12	25.522	264	147060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	102670	79.911	ng	0.00
7) Phenol-d6	7.500	99	156676	80.304	ng	0.00
23) Nitrobenzene-d5	9.538	82	154423	75.052	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	79582	86.710	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	378590	78.827	ng	0.00
79) Terphenyl-d14	20.276	244	668105	79.901	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.669	88	19255	36.246	ng	96
3) Pyridine	4.098	79	60667	35.536	ng	92
4) n-Nitrosodimethylamine	4.004	42	26208	32.667	ng	87
6) Aniline	7.670	93	95169	38.451	ng	96
8) 2-Chlorophenol	7.917	128	53919	39.716	ng	95
9) Benzaldehyde	7.482	77	37286	35.198	ng	98
10) Phenol	7.529	94	74394	39.116	ng	98
11) bis(2-Chloroethyl)ether	7.758	93	53914	37.593	ng	98
12) 1,3-Dichlorobenzene	8.246	146	58843	39.271	ng	96
13) 1,4-Dichlorobenzene	8.392	146	60237	40.022	ng	95
14) 1,2-Dichlorobenzene	8.716	146	57293	39.431	ng	96
15) Benzyl Alcohol	8.592	79	60899	37.468	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.874	45	65781	36.391	ng	99
17) 2-Methylphenol	8.798	107	54509	39.759	ng	96
18) Hexachloroethane	9.450	117	21474	39.536	ng	96
19) n-Nitroso-di-n-propyla...	9.156	70	51821	34.833	ng	99
20) 3+4-Methylphenols	9.127	107	76024	40.497	ng	91
22) Acetophenone	9.185	105	92508	37.428	ng	# 93
24) Nitrobenzene	9.579	77	76854	37.007	ng	95
25) Isophorone	10.096	82	142571	35.734	ng	98
26) 2-Nitrophenol	10.296	139	33565	42.224	ng	91
27) 2,4-Dimethylphenol	10.343	122	57487	41.300	ng	95
28) bis(2-Chloroethoxy)met...	10.572	93	75092	37.569	ng	97
29) 2,4-Dichlorophenol	10.842	162	61520	41.671	ng	93
30) 1,2,4-Trichlorobenzene	11.054	180	67375	39.567	ng	98
31) Naphthalene	11.241	128	185032	40.078	ng	99
32) Benzoic acid	10.495	122	27970	36.140	ng	99
33) 4-Chloroaniline	11.347	127	83428	40.239	ng	94
34) Hexachlorobutadiene	11.512	225	46943	37.153	ng	99
35) Caprolactam	12.129	113	20821	41.287	ng	96
36) 4-Chloro-3-methylphenol	12.452	107	69494	41.422	ng	97
37) 2-Methylnaphthalene	12.822	142	142161	39.164	ng	95
38) 1-Methylnaphthalene	13.039	142	134818	39.405	ng	99
40) 1,2,4,5-Tetrachloroben...	13.186	216	93377	40.663	ng	99
41) Hexachlorocyclopentadiene	13.151	237	50156	48.160	ng	99
43) 2,4,6-Trichlorophenol	13.421	196	57130	40.836	ng	100

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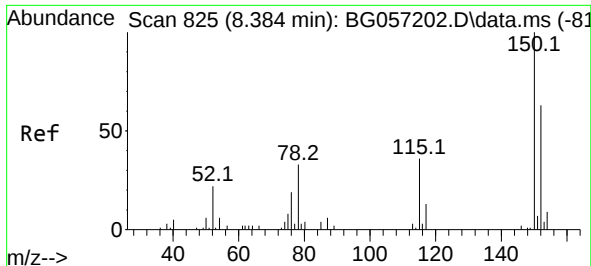
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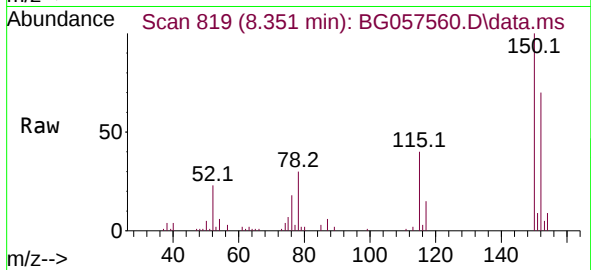
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	66487	40.402	ng	96
46) 1,1'-Biphenyl	13.809	154	193421	40.298	ng	100
47) 2-Chloronaphthalene	13.861	162	144039	40.356	ng	99
48) 2-Nitroaniline	14.061	65	48864	40.263	ng	96
49) Acenaphthylene	14.702	152	238504	41.131	ng	99
50) Dimethylphthalate	14.408	163	204372	38.449	ng	98
51) 2,6-Dinitrotoluene	14.543	165	44971	41.437	ng	85
52) Acenaphthene	15.036	154	145174	40.065	ng	98
53) 3-Nitroaniline	14.878	138	44285	40.731	ng	90
54) 2,4-Dinitrophenol	15.095	184	23564	37.822	ng	98
55) Dibenzofuran	15.365	168	246628	40.510	ng	98
56) 4-Nitrophenol	15.189	139	28146	38.923	ng	94
57) 2,4-Dinitrotoluene	15.330	165	65936	42.511	ng	# 94
58) Fluorene	16.012	166	203224	40.525	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.594	232	59574	39.930	ng	99
60) Diethylphthalate	15.753	149	208039	38.540	ng	99
61) 4-Chlorophenyl-phenyle...	15.988	204	118003	39.061	ng	96
62) 4-Nitroaniline	16.035	138	46273	42.187	ng	87
63) Azobenzene	16.282	77	192556	36.971	ng	96
65) 4,6-Dinitro-2-methylph...	16.100	198	40589	42.183	ng	95
66) n-Nitrosodiphenylamine	16.205	169	175809	40.165	ng	99
67) 4-Bromophenyl-phenylether	16.887	248	79161	40.236	ng	99
68) Hexachlorobenzene	17.022	284	79264	41.459	ng	95
69) Atrazine	17.139	200	69061	41.360	ng	98
70) Pentachlorophenol	17.368	266	47574	43.177	ng	96
71) Phenanthrene	17.756	178	334622	40.520	ng	99
72) Anthracene	17.844	178	342119	40.374	ng	98
73) Carbazole	18.115	167	292889	41.057	ng	99
74) Di-n-butylphthalate	18.626	149	344022	41.914	ng	98
75) Fluoranthene	19.742	202	402846	39.221	ng	97
77) Benzidine	19.906	184	93660m	30.701	ng	
78) Pyrene	20.106	202	406380	40.983	ng	99
80) Butylbenzylphthalate	20.952	149	145741	46.323	ng	97
81) Benzo(a)anthracene	21.998	228	391140	40.232	ng	99
82) 3,3'-Dichlorobenzidine	21.898	252	126571	40.646	ng	98
83) Chrysene	22.068	228	370659	40.521	ng	100
84) Bis(2-ethylhexyl)phtha...	21.839	149	203863	43.795	ng	98
85) Di-n-octyl phthalate	23.131	149	336893	43.411	ng	97
87) Indeno(1,2,3-cd)pyrene	29.581	276	425394	39.690	ng	# 73
88) Benzo(b)fluoranthene	24.400	252	368379	38.320	ng	98
89) Benzo(k)fluoranthene	24.471	252	373403	38.224	ng	99
90) Benzo(a)pyrene	25.358	252	360980	38.436	ng	96
91) Dibenzo(a,h)anthracene	29.634	278	355788	39.861	ng	97
92) Benzo(g,h,i)perylene	30.856	276	351367	40.316	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.351 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

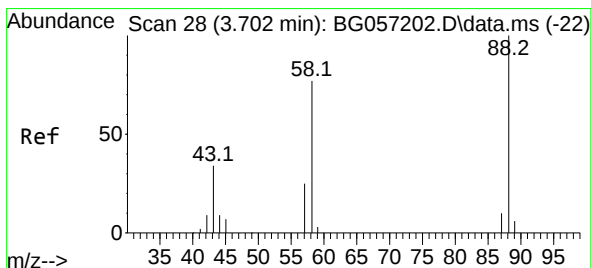
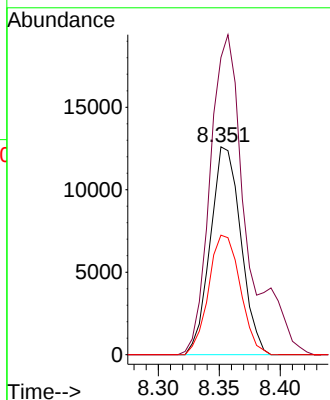
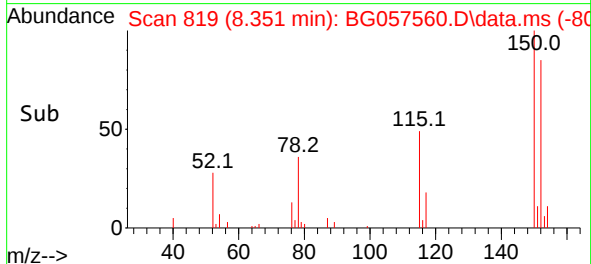
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



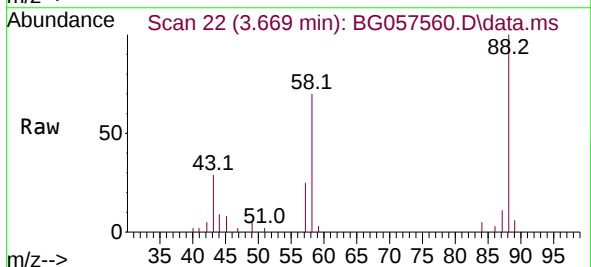
Tgt Ion:152 Resp: 21978
Ion Ratio Lower Upper
152 100
150 142.9 126.2 189.4
115 57.5 45.0 67.4

Manual Integrations
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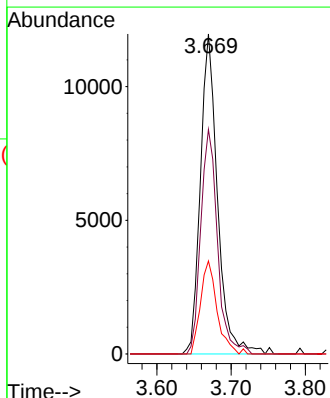
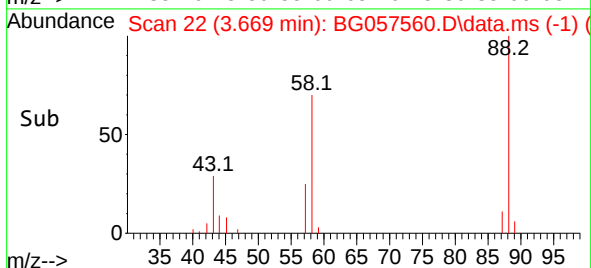
Reviewed By :Christian Giraldo 05/26/2023
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#2
1,4-Dioxane
Concen: 36.246 ng
RT: 3.669 min Scan# 22
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion: 88 Resp: 19255
Ion Ratio Lower Upper
88 100
58 68.2 57.1 85.7
43 28.0 24.4 36.6





#3
Pyridine
Concen: 35.536 ng
RT: 4.098 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

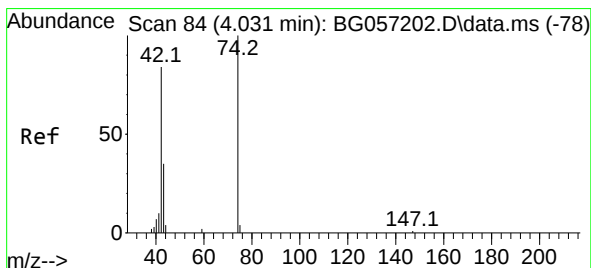
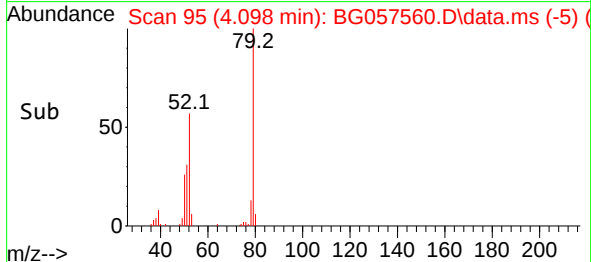
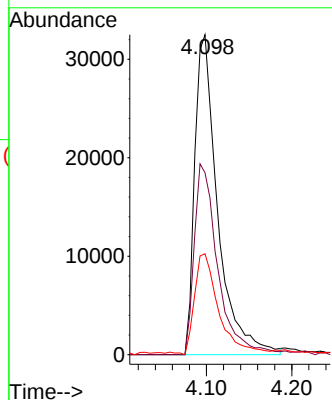
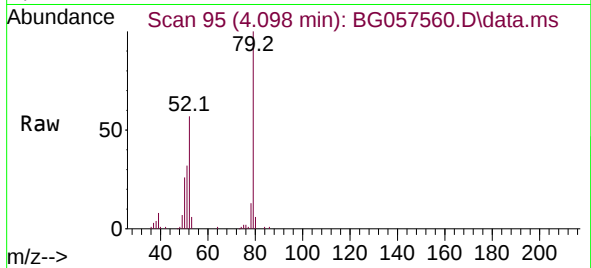
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 6066
Ion Ratio Lower Upper
79 100
52 56.9 51.4 77.0
51 31.5 28.0 42.0

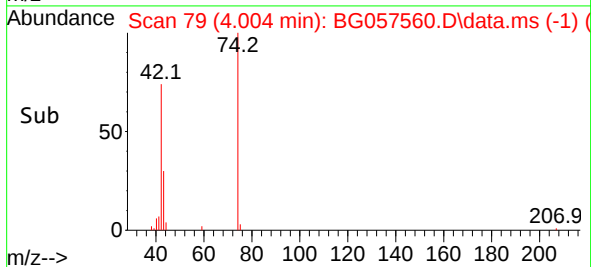
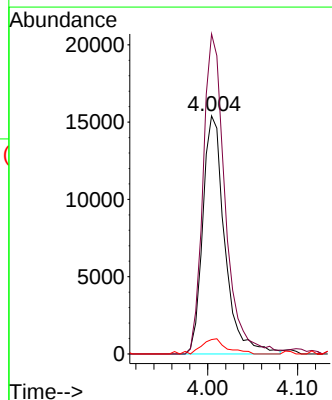
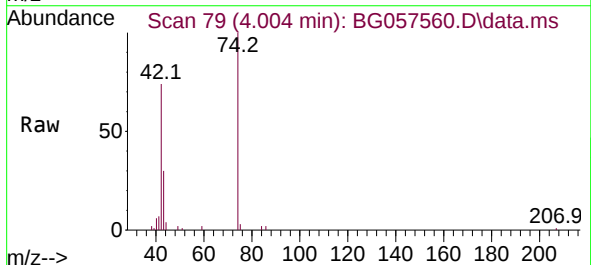
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#4
n-Nitrosodimethylamine
Concen: 32.667 ng
RT: 4.004 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion: 42 Resp: 26208
Ion Ratio Lower Upper
42 100
74 134.5 95.1 142.7
44 6.0 5.8 8.8





#5
2-Fluorophenol
Concen: 79.911 ng
RT: 5.872 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

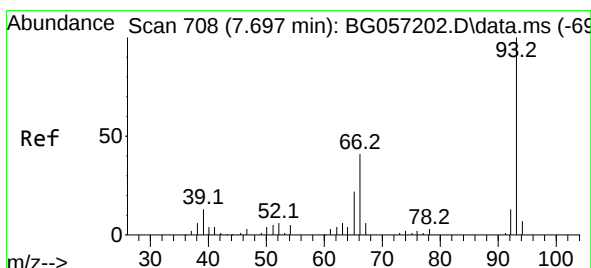
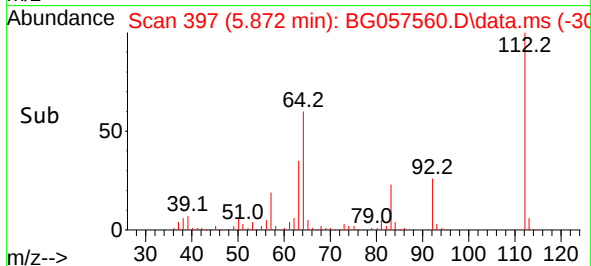
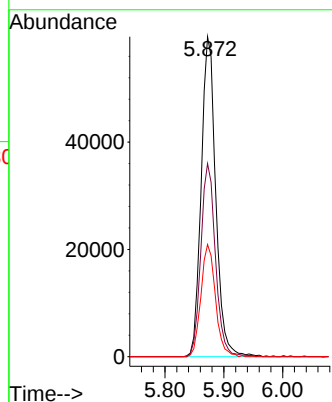
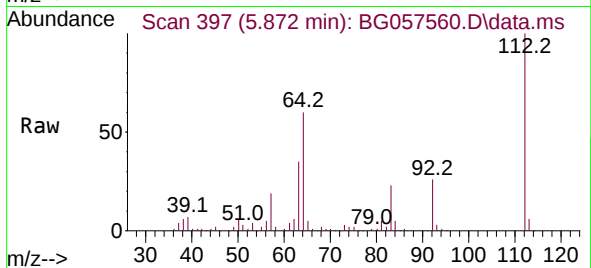
SSTDCCC040

Tgt Ion:112 Resp: 102670
Ion Ratio Lower Upper
112 100
64 60.4 49.4 74.2
63 35.1 31.6 47.4

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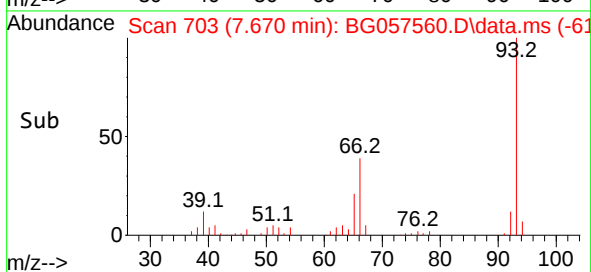
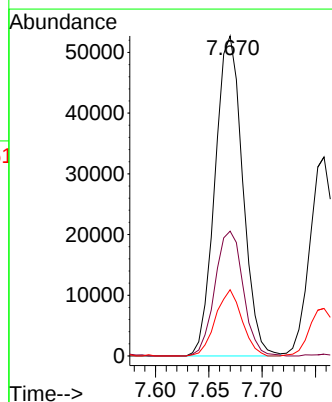
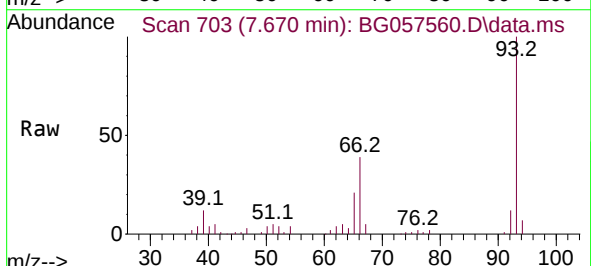
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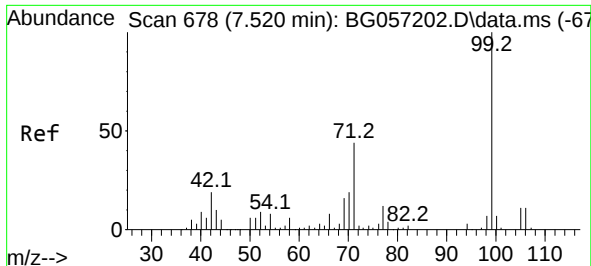
Reviewed By :Christian Giraldo 05/26/2023
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#6
Aniline
Concen: 38.451 ng
RT: 7.670 min Scan# 703
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion: 93 Resp: 95169
Ion Ratio Lower Upper
93 100
66 39.0 33.0 49.6
65 20.7 18.0 27.0





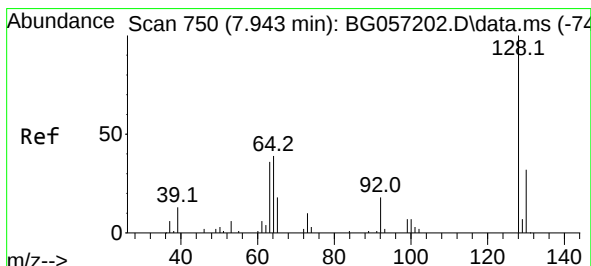
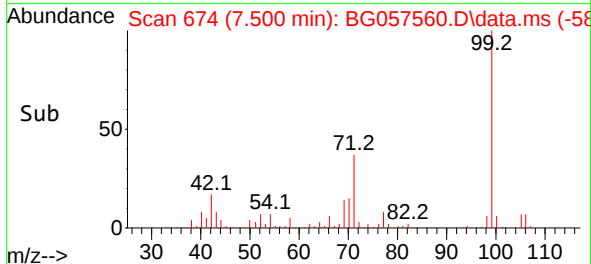
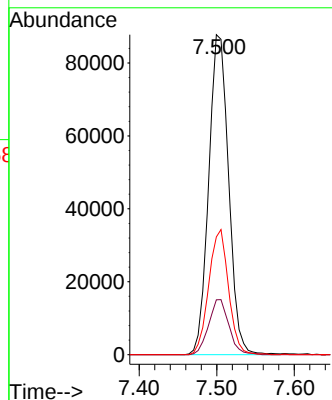
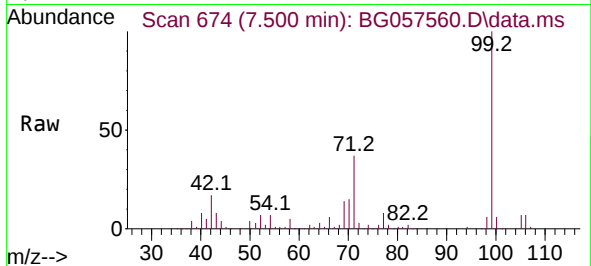
#7
Phenol-d6
Concen: 80.304 ng
RT: 7.500 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 156670
Ion Ratio Lower Upper
99 100
42 17.2 15.1 22.7
71 36.8 35.2 52.8

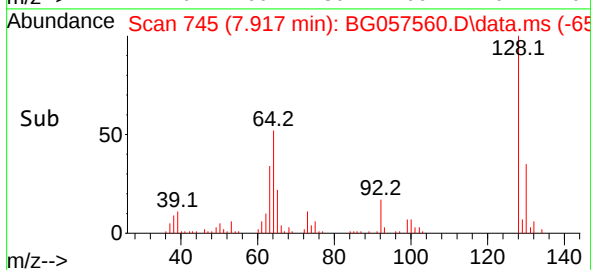
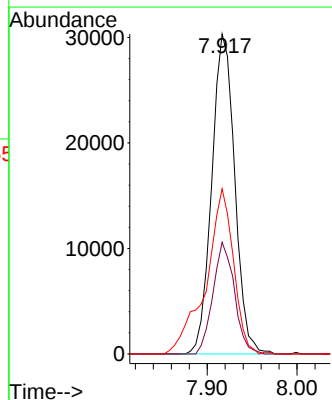
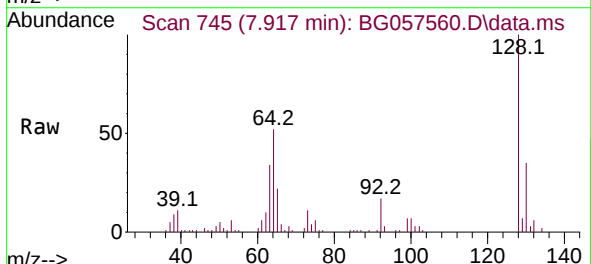
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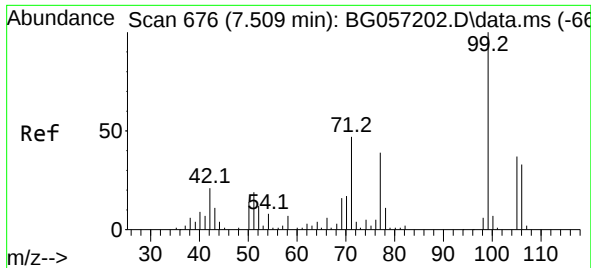
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#8
2-Chlorophenol
Concen: 39.716 ng
RT: 7.917 min Scan# 745
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:128 Resp: 53919
Ion Ratio Lower Upper
128 100
130 34.9 12.2 52.2
64 51.6 28.4 68.4





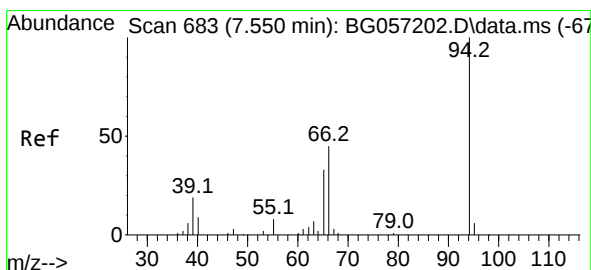
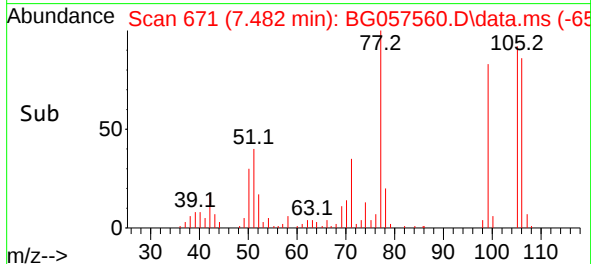
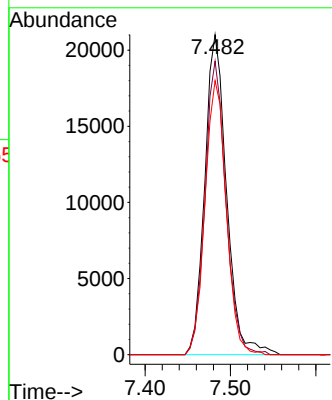
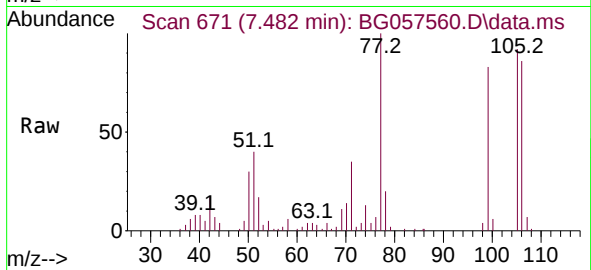
#9
Benzaldehyde
Concen: 35.198 ng
RT: 7.482 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 37280
Ion Ratio Lower Upper
77 100
105 91.7 74.6 114.6
106 85.6 66.3 106.3

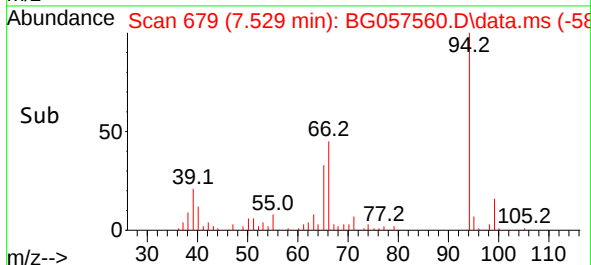
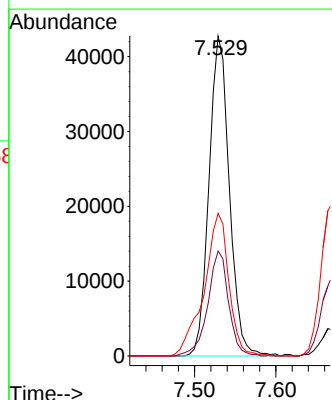
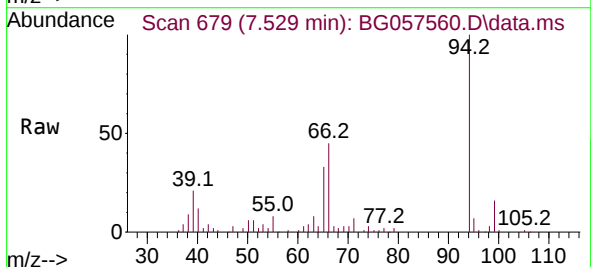
Manual Integrations
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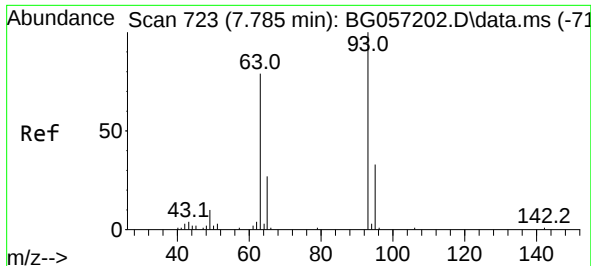
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#10
Phenol
Concen: 39.116 ng
RT: 7.529 min Scan# 679
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

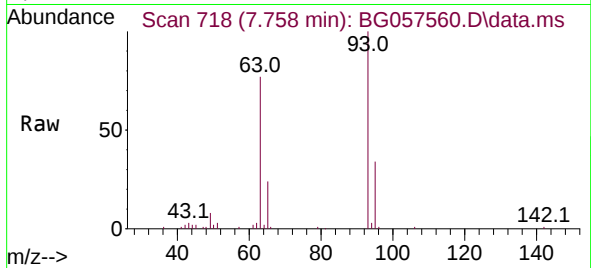
Tgt Ion: 94 Resp: 74394
Ion Ratio Lower Upper
94 100
65 32.8 13.5 53.5
66 44.6 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 37.593 ng
RT: 7.758 min Scan# 718
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

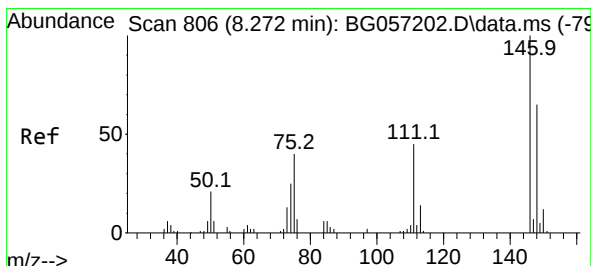
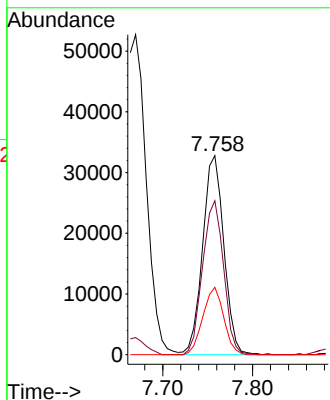
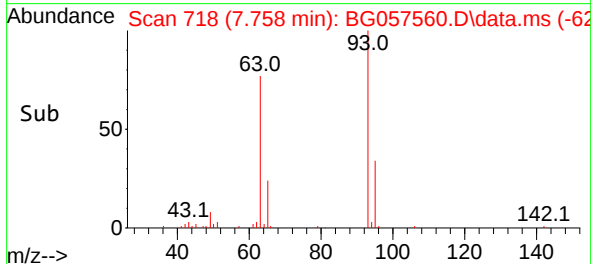
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 53914
Ion Ratio Lower Upper
93 100
63 77.3 58.6 98.6
95 33.9 12.2 52.2

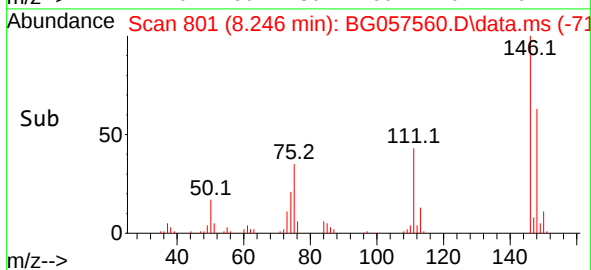
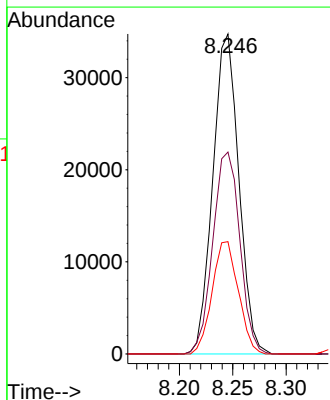
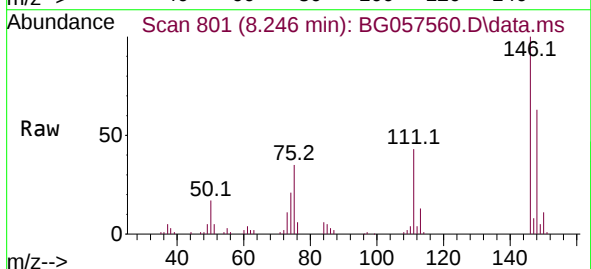
Manual Integrations
APPROVED

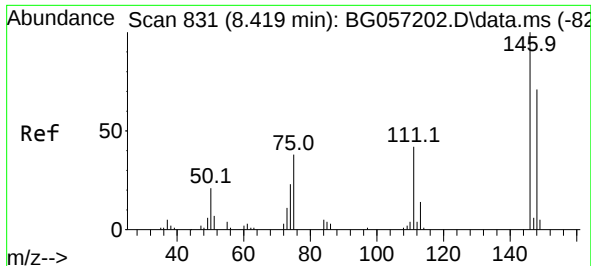
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#12
1,3-Dichlorobenzene
Concen: 39.271 ng
RT: 8.246 min Scan# 801
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:146 Resp: 58843
Ion Ratio Lower Upper
146 100
148 63.1 52.2 78.2
75 35.1 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 40.022 ng

RT: 8.392 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

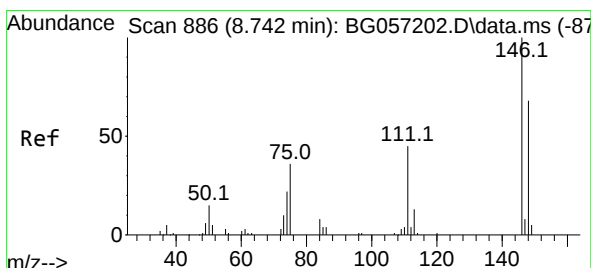
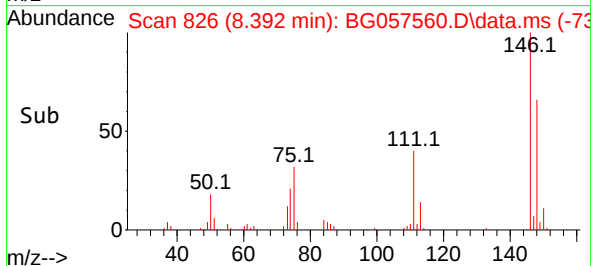
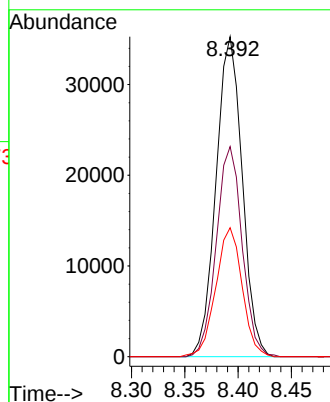
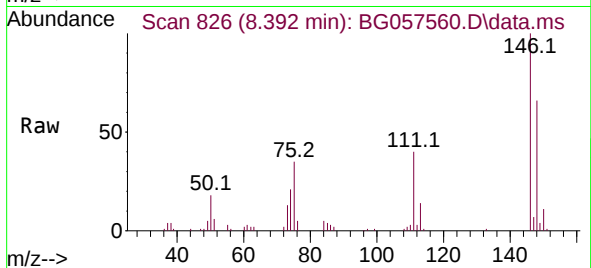
SSTDCCC040

Tgt Ion:146 Resp: 6023
 Ion Ratio Lower Upper
 146 100
 148 65.7 56.4 84.6
 111 40.3 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#14

1,2-Dichlorobenzene

Concen: 39.431 ng

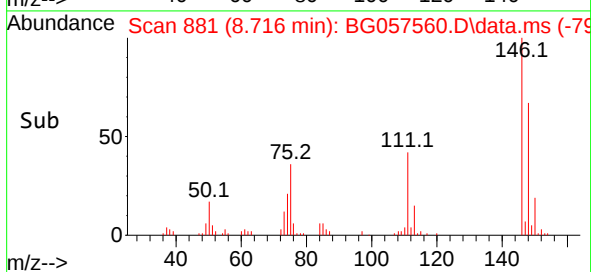
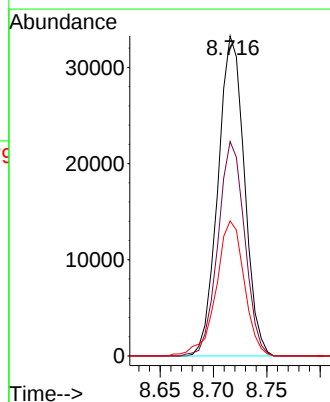
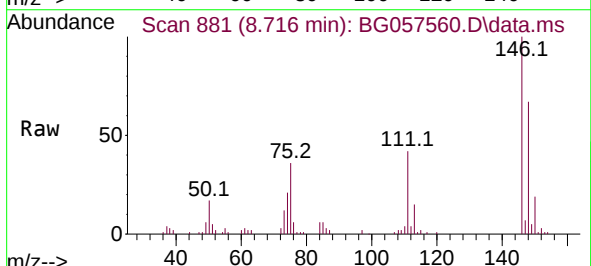
RT: 8.716 min Scan# 881

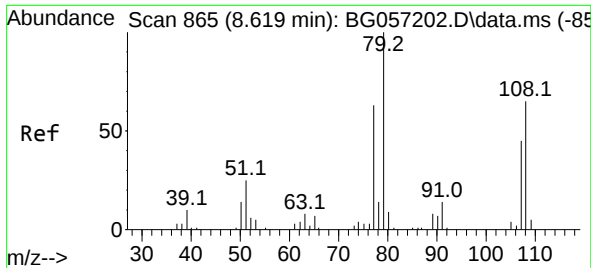
Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

Tgt Ion:146 Resp: 57293
 Ion Ratio Lower Upper
 146 100
 148 67.0 54.6 82.0
 111 42.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 37.468 ng
RT: 8.592 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

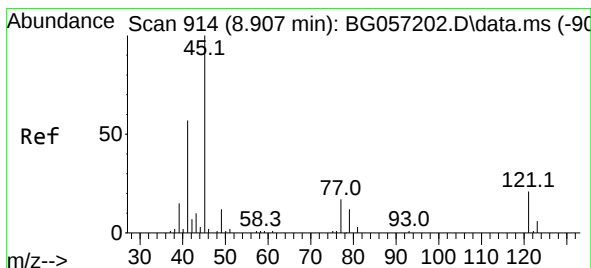
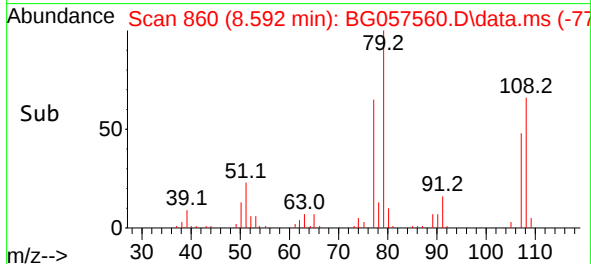
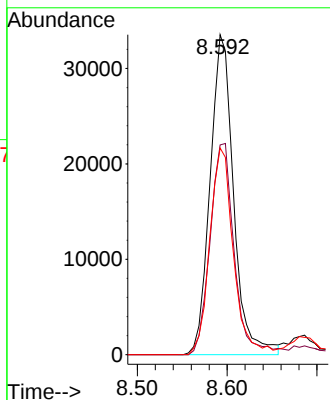
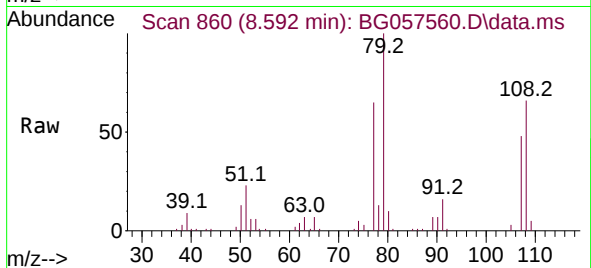
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 6089
Ion Ratio Lower Upper
79 100
108 65.5 52.2 78.2
77 64.6 50.1 75.1

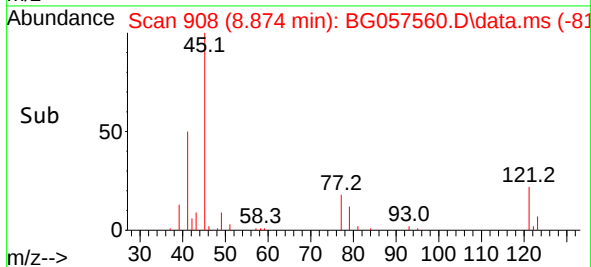
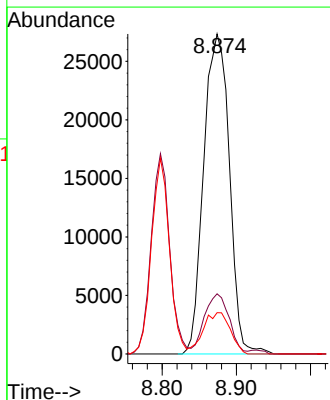
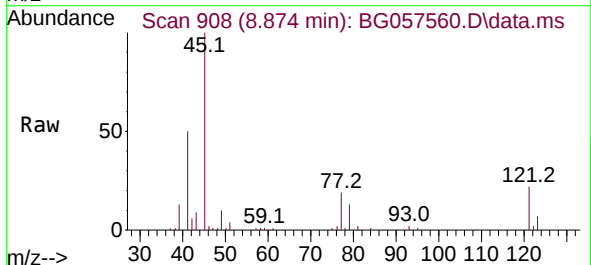
Manual Integrations
APPROVED

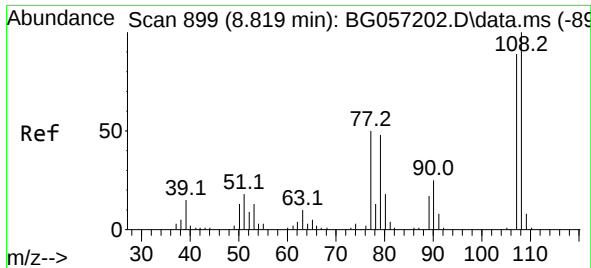
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.391 ng
RT: 8.874 min Scan# 908
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

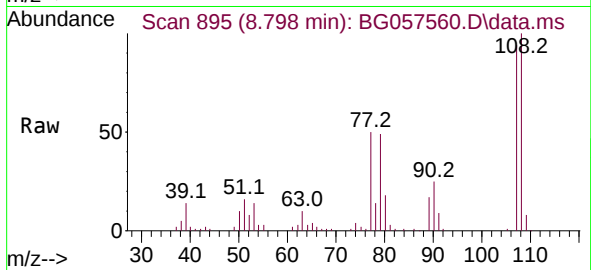
Tgt Ion: 45 Resp: 65781
Ion Ratio Lower Upper
45 100
77 18.8 0.0 38.5
79 12.9 0.0 33.8





#17
2-Methylphenol
Concen: 39.759 ng
RT: 8.798 min Scan# 899
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

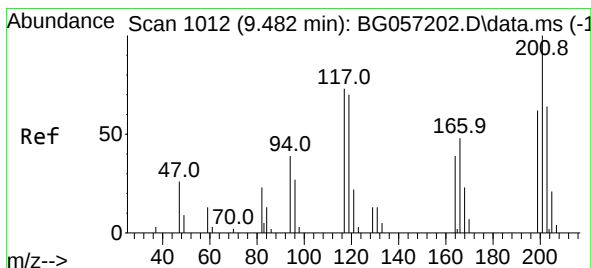
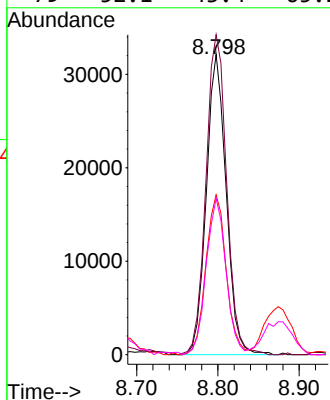
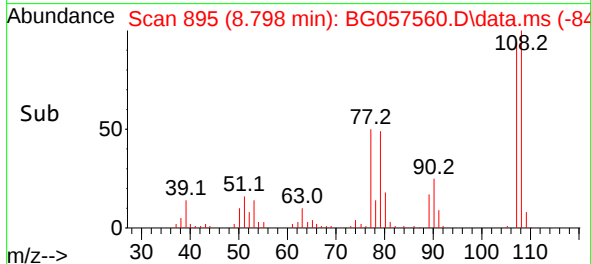
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



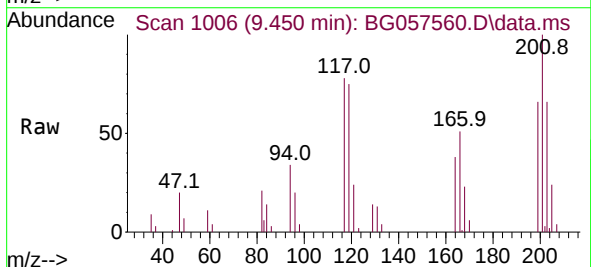
Tgt Ion:	107	Resp:	54509
Ion	Ratio	Lower	Upper
107	100		
108	106.6	89.5	134.3
77	53.2	45.1	67.7
79	52.1	43.4	65.2

Manual Integrations
APPROVED

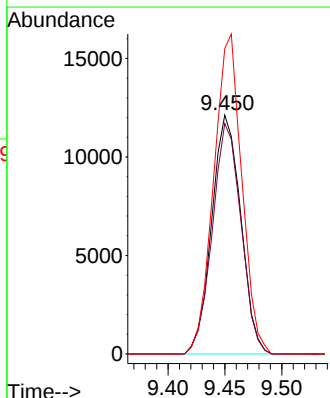
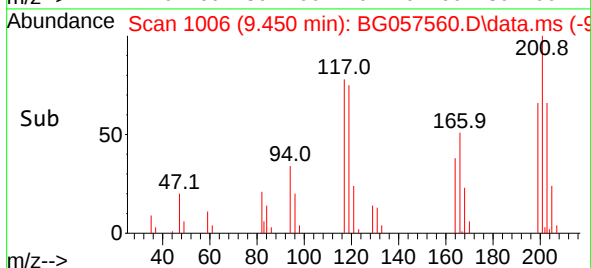
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

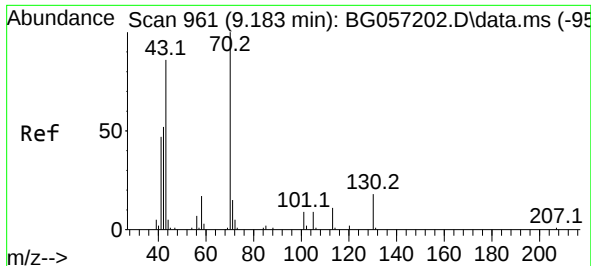


#18
Hexachloroethane
Concen: 39.536 ng
RT: 9.450 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



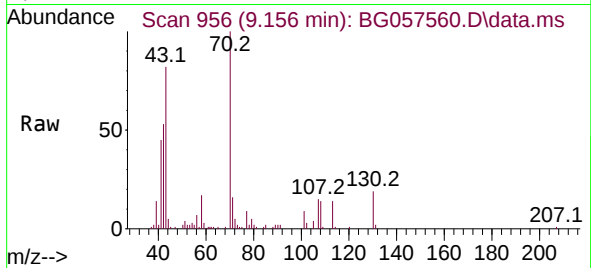
Tgt Ion:	117	Resp:	21474
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
201	127.9	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 34.833 ng
RT: 9.156 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

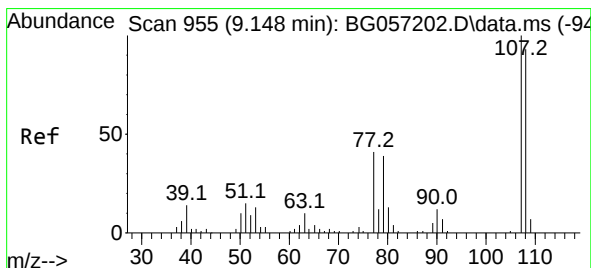
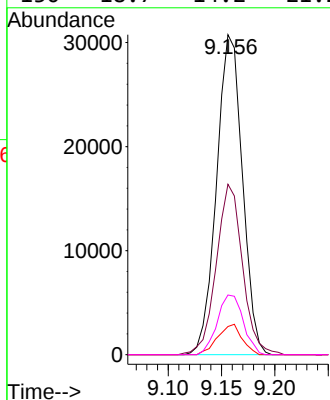
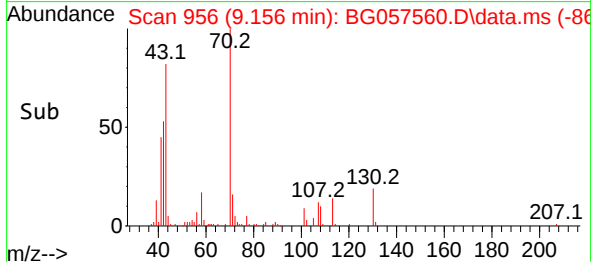
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



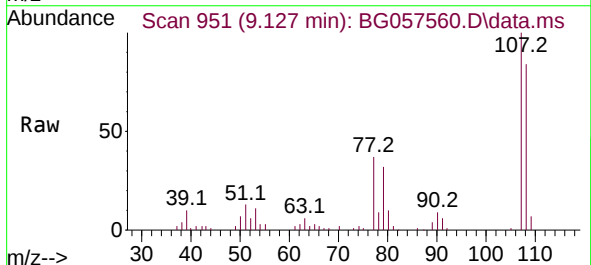
Tgt Ion: 70 Resp: 5182
Ion Ratio Lower Upper
70 100
42 53.3 41.8 62.8
101 8.8 6.8 10.2
130 18.7 14.2 21.2

Manual Integrations
APPROVED

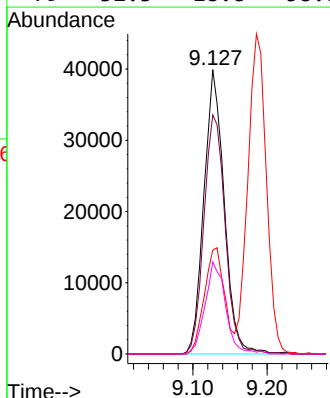
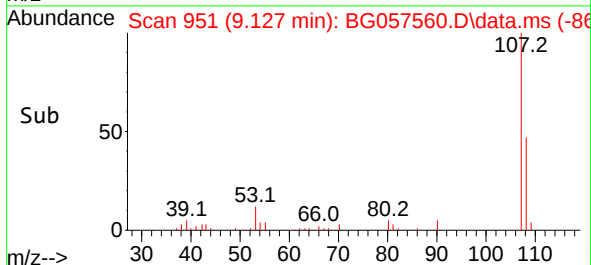
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

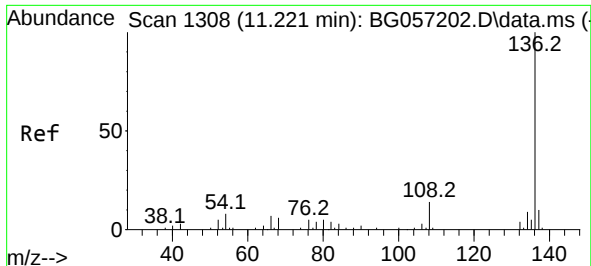


#20
3+4-Methylphenols
Concen: 40.497 ng
RT: 9.127 min Scan# 951
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion:107 Resp: 76024
Ion Ratio Lower Upper
107 100
108 84.1 73.5 113.5
77 36.5 21.1 61.1
79 32.3 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

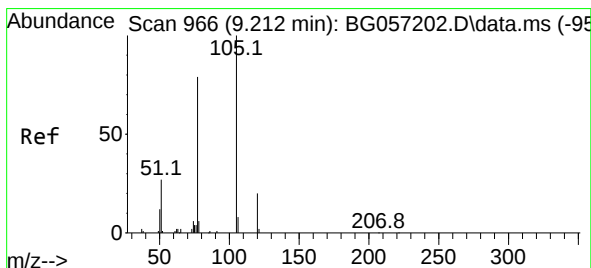
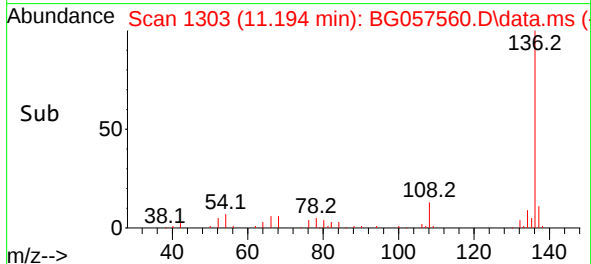
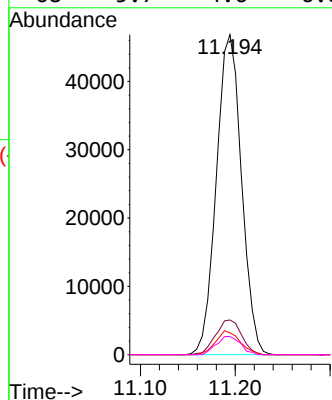
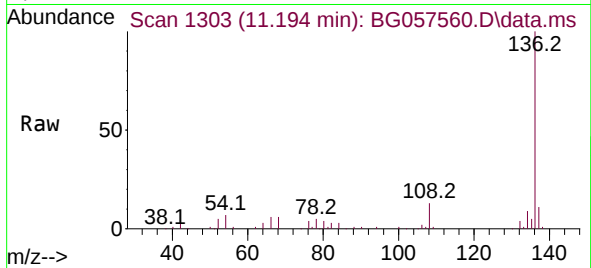
SSTDCCC040

Tgt Ion:136 Resp: 8635
Ion Ratio Lower Upper
136 100
137 10.8 8.3 12.5
54 6.9 6.7 10.1
68 5.7 4.6 6.8

Manual Integrations

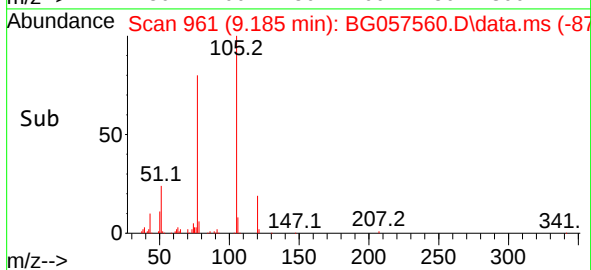
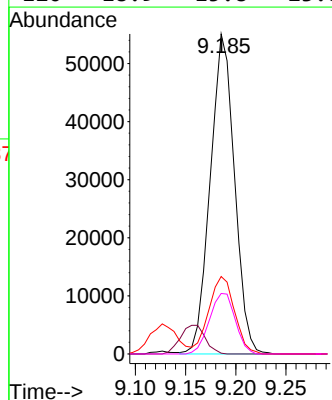
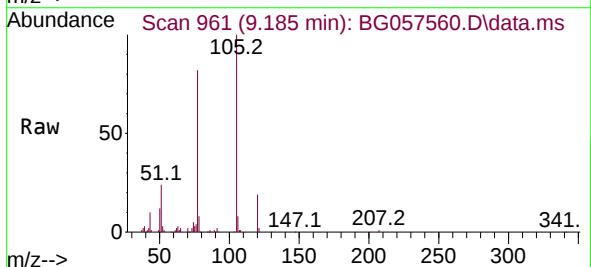
APPROVED

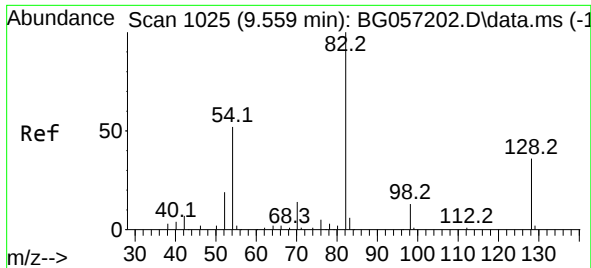
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#22
Acetophenone
Concen: 37.428 ng
RT: 9.185 min Scan# 961
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:105 Resp: 92508
Ion Ratio Lower Upper
105 100
71 0.3 0.4 0.6#
51 24.2 24.0 36.0
120 18.9 15.8 23.8





#23
Nitrobenzene-d5
Concen: 75.052 ng
RT: 9.538 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

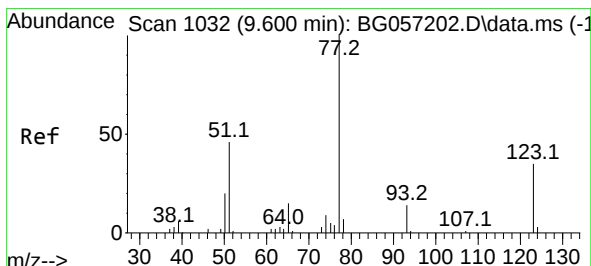
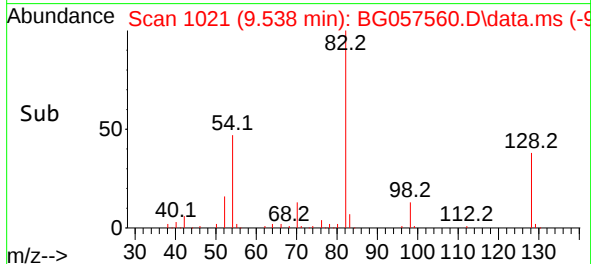
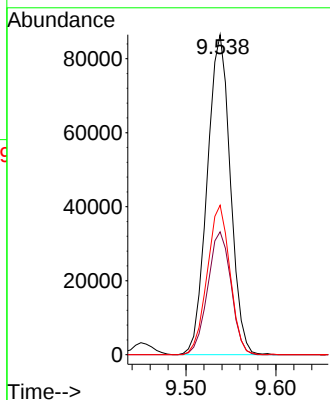
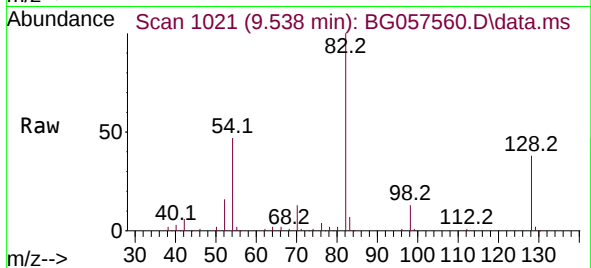
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 15442
Ion Ratio Lower Upper
82 100
128 38.4 29.0 43.4
54 46.7 41.4 62.0

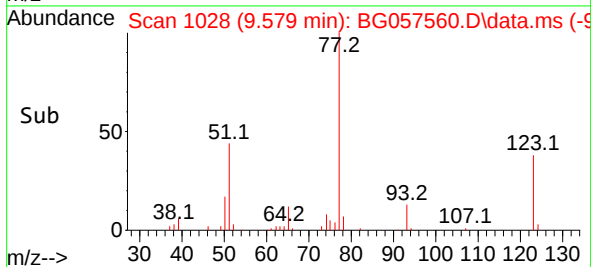
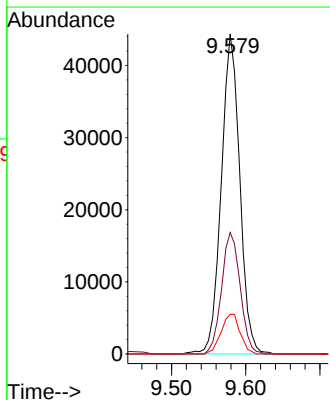
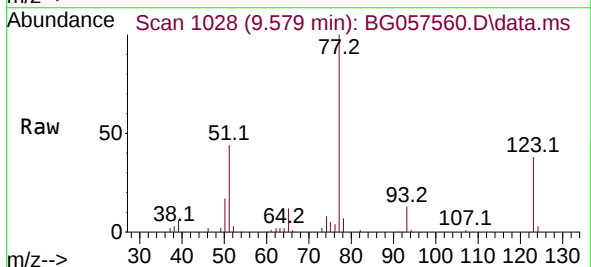
Manual Integrations
APPROVED

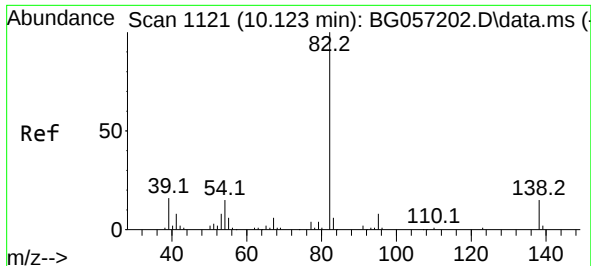
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#24
Nitrobenzene
Concen: 37.007 ng
RT: 9.579 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion: 77 Resp: 76854
Ion Ratio Lower Upper
77 100
123 37.9 28.2 42.2
65 12.3 11.7 17.5





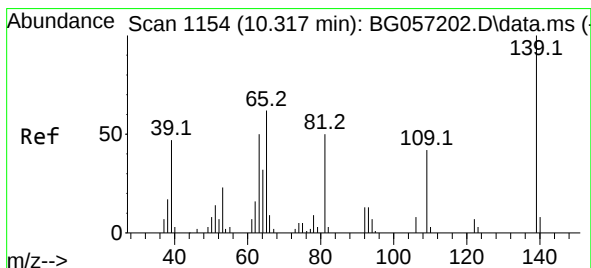
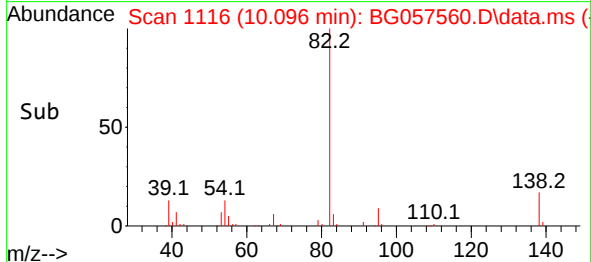
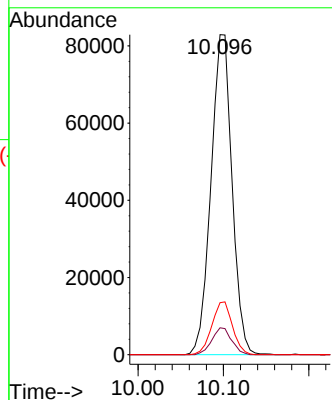
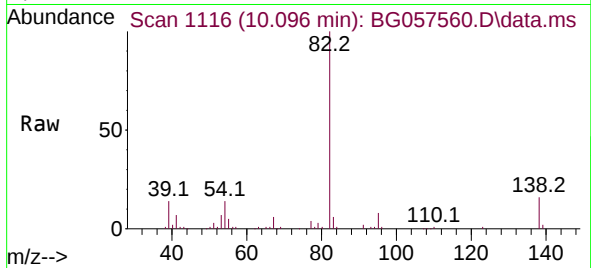
#25
Isophorone
Concen: 35.734 ng
RT: 10.096 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 14257
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 16.3 12.3 18.5

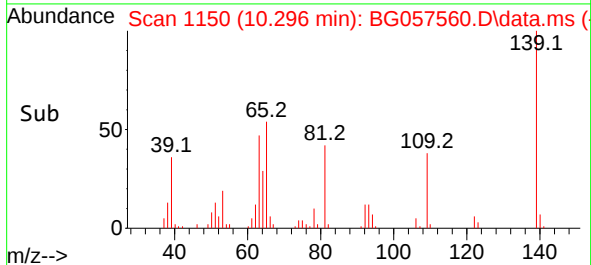
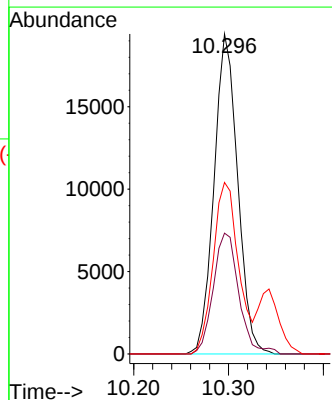
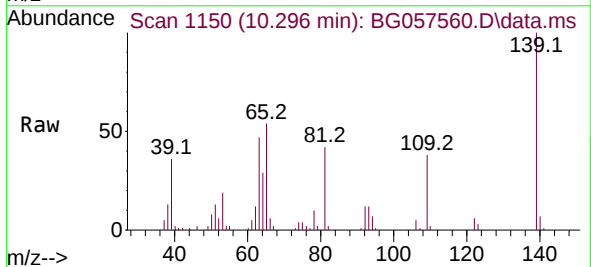
Manual Integrations
APPROVED

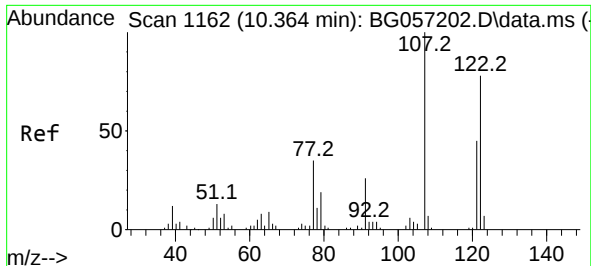
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#26
2-Nitrophenol
Concen: 42.224 ng
RT: 10.296 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:139 Resp: 33565
Ion Ratio Lower Upper
139 100
109 37.8 33.4 50.2
65 53.6 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 41.300 ng
RT: 10.343 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

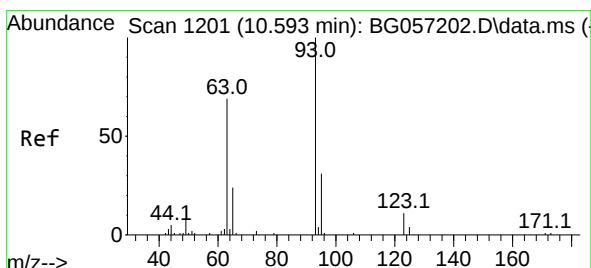
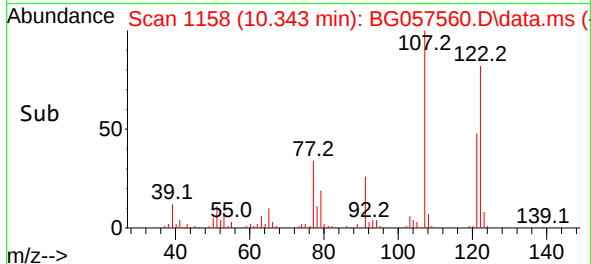
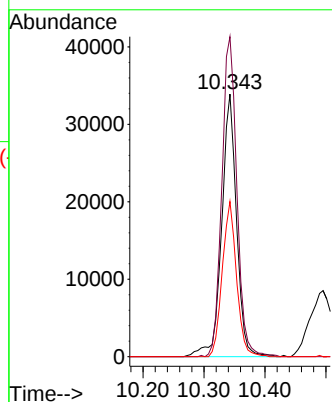
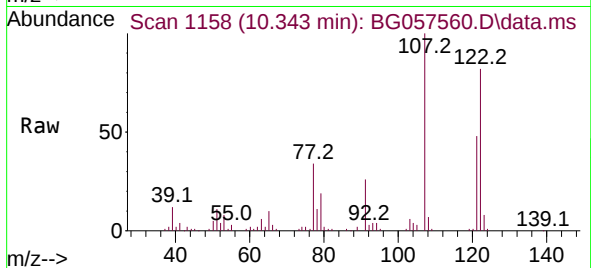
ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 5748
Ion Ratio Lower Upper
122 100
107 121.9 103.0 154.4
121 59.1 45.9 68.9

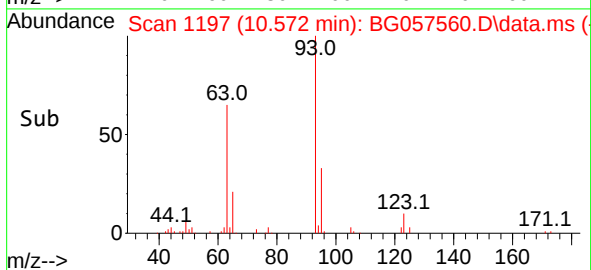
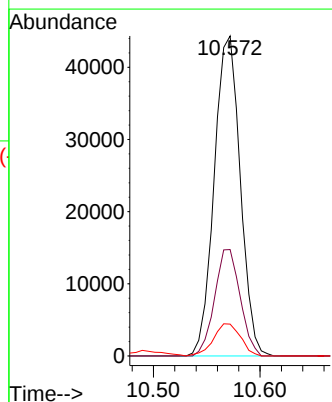
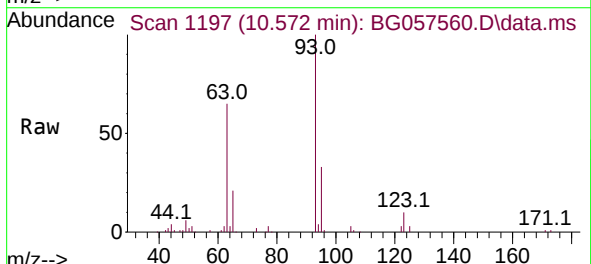
Manual Integrations
APPROVED

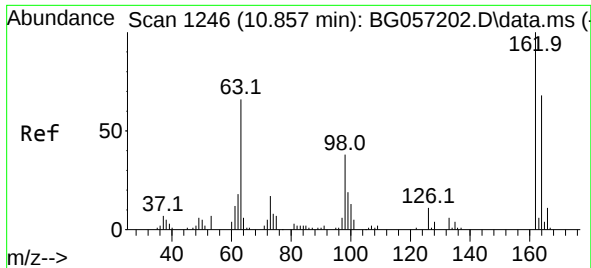
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 37.569 ng
RT: 10.572 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion: 93 Resp: 75092
Ion Ratio Lower Upper
93 100
95 33.2 25.0 37.6
123 9.9 8.5 12.7





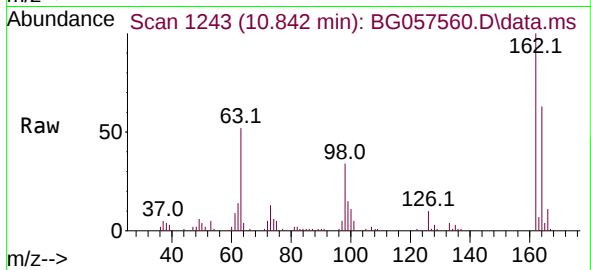
#29
2,4-Dichlorophenol
Concen: 41.671 ng
RT: 10.842 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

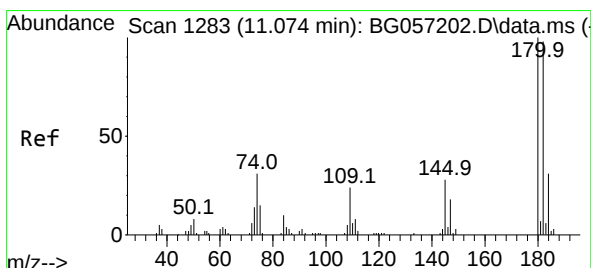
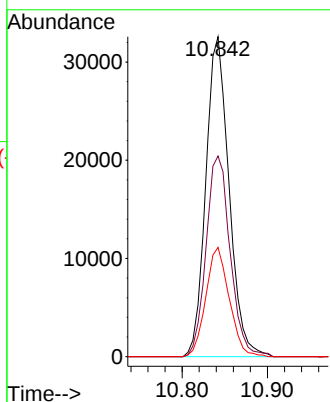
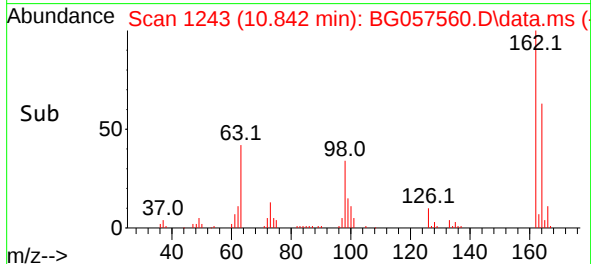


Tgt Ion:162 Resp: 61520
Ion Ratio Lower Upper
162 100
164 62.7 48.4 88.4
98 34.2 17.6 57.6

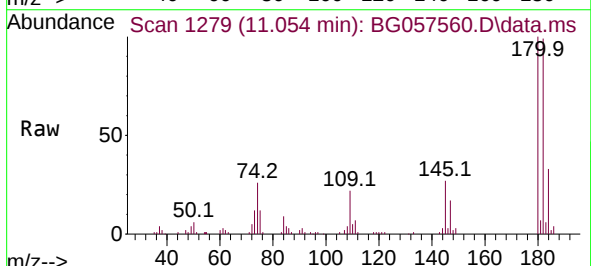
Manual Integrations

APPROVED

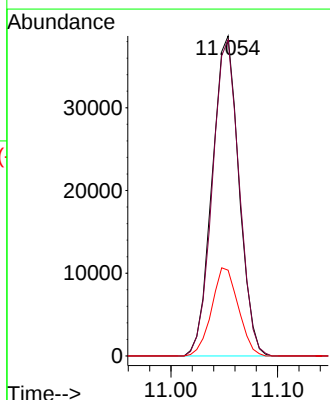
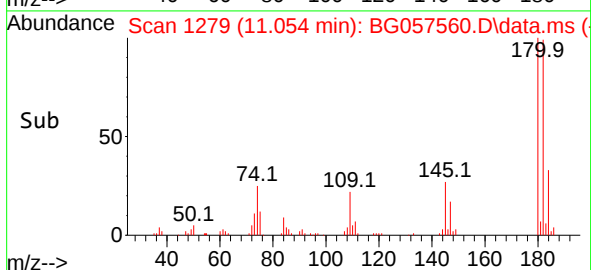
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

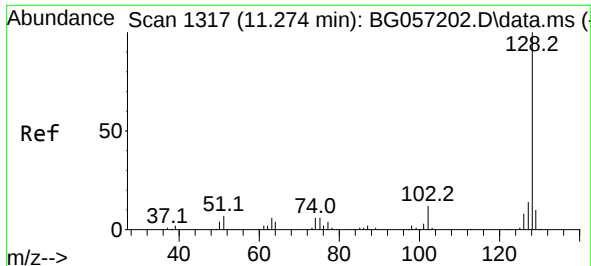


#30
1,2,4-Trichlorobenzene
Concen: 39.567 ng
RT: 11.054 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



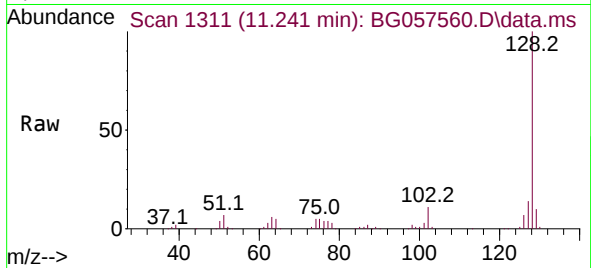
Tgt Ion:180 Resp: 67375
Ion Ratio Lower Upper
180 100
182 98.8 78.0 117.0
145 26.8 22.4 33.6





#31
Naphthalene
Concen: 40.078 ng
RT: 11.241 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

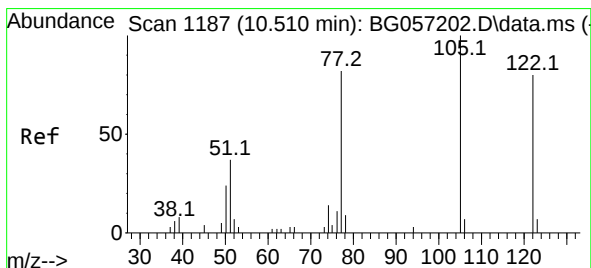
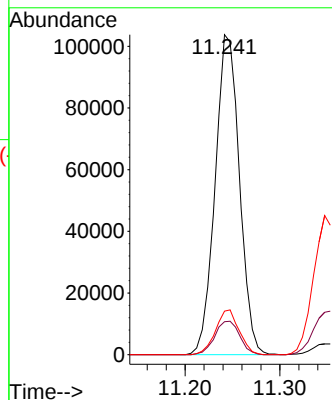
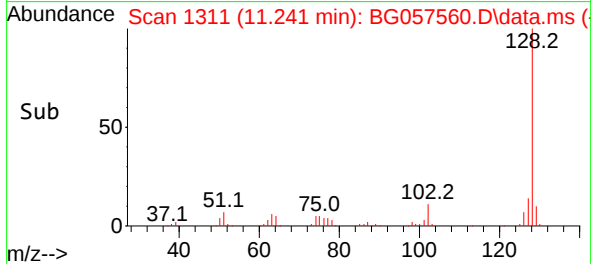
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



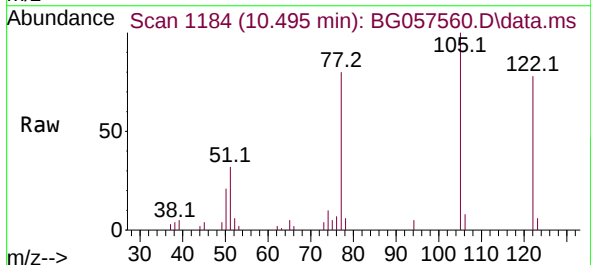
Tgt Ion:128 Resp: 18503
Ion Ratio Lower Upper
128 100
129 10.3 8.3 12.5
127 13.6 11.1 16.7

Manual Integrations
APPROVED

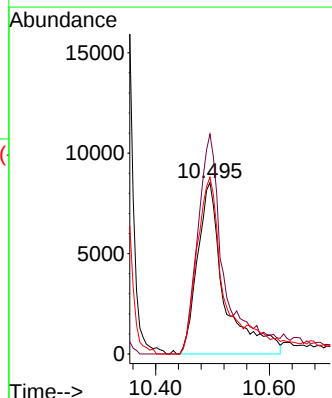
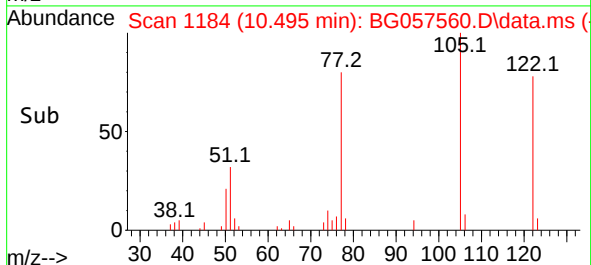
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

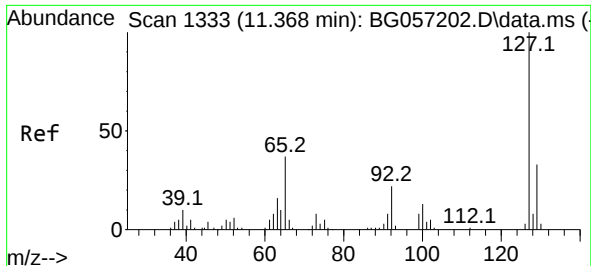


#32
Benzoic acid
Concen: 36.140 ng
RT: 10.495 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion:122 Resp: 27970
Ion Ratio Lower Upper
122 100
105 128.3 105.2 145.2
77 103.1 83.1 123.1





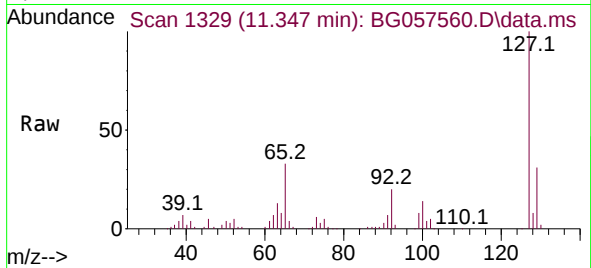
#33
4-Chloroaniline
Concen: 40.239 ng
RT: 11.347 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

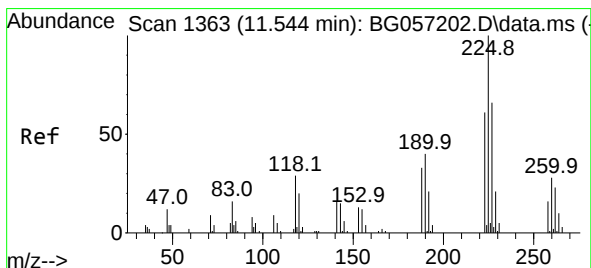
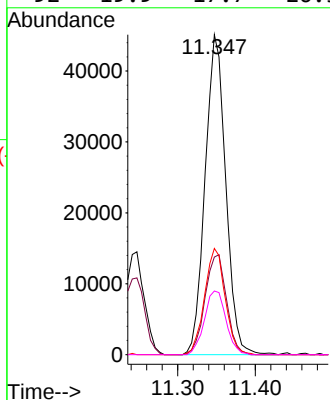
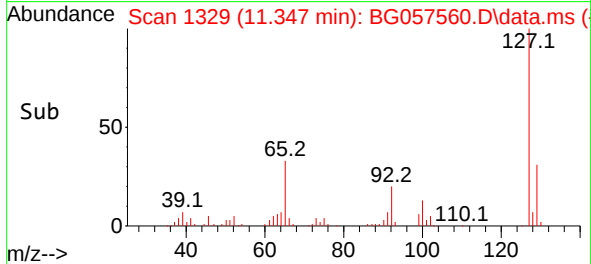


Tgt Ion:127 Resp: 83428
Ion Ratio Lower Upper
127 100
129 30.5 26.7 40.1
65 33.2 29.7 44.5
92 19.9 17.7 26.5

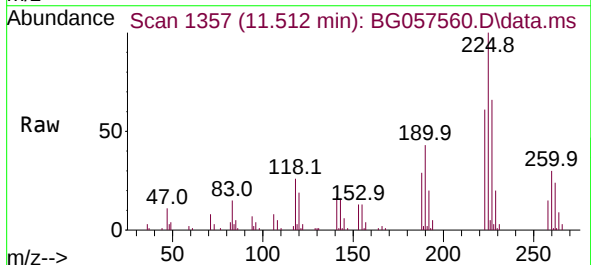
Manual Integrations

APPROVED

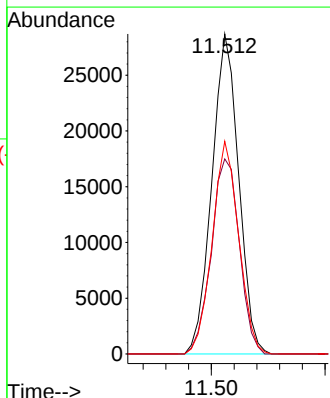
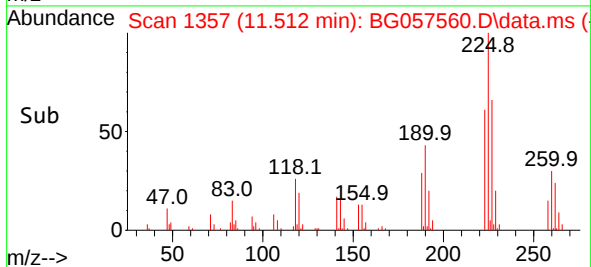
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

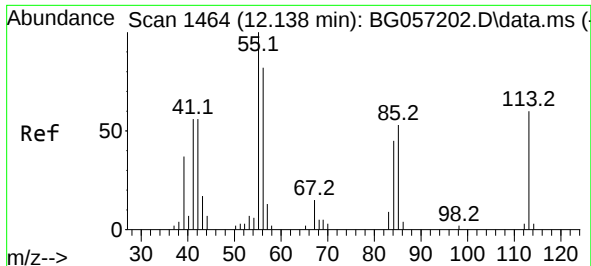


#34
Hexachlorobutadiene
Concen: 37.153 ng
RT: 11.512 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion:225 Resp: 46943
Ion Ratio Lower Upper
225 100
223 61.0 48.6 72.8
227 66.4 52.7 79.1





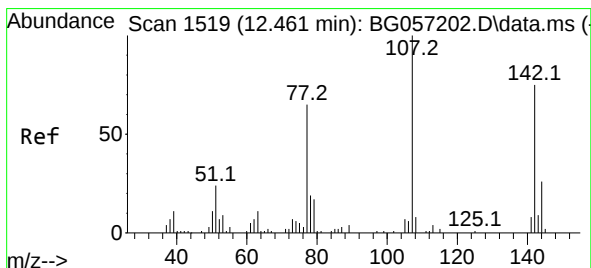
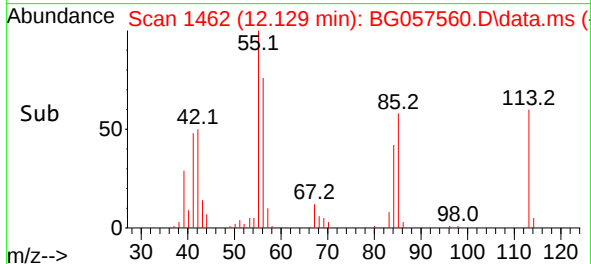
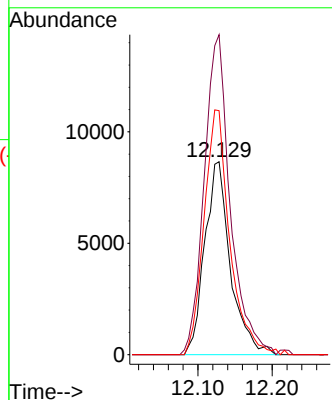
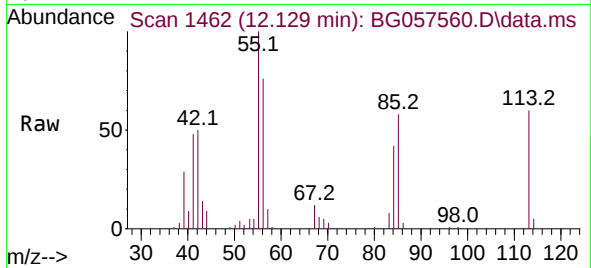
#35
Caprolactam
Concen: 41.287 ng
RT: 12.129 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 2082
Ion Ratio Lower Upper
113 100
55 165.9 145.5 185.5
56 126.5 115.9 155.9

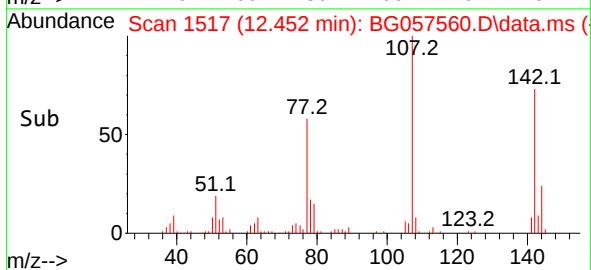
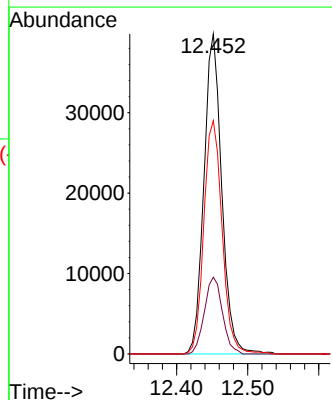
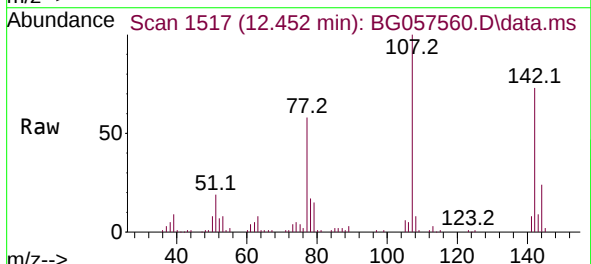
Manual Integrations
APPROVED

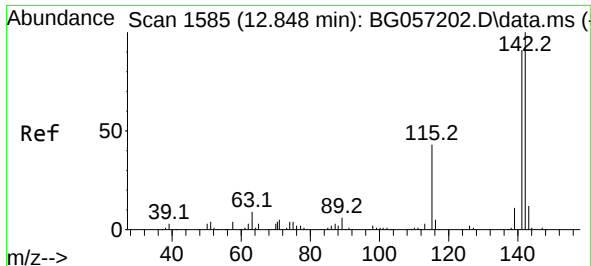
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#36
4-Chloro-3-methylphenol
Concen: 41.422 ng
RT: 12.452 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:107 Resp: 69494
Ion Ratio Lower Upper
107 100
144 24.0 21.0 31.6
142 72.9 60.0 90.0





#37

2-Methylnaphthalene

Concen: 39.164 ng

RT: 12.822 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

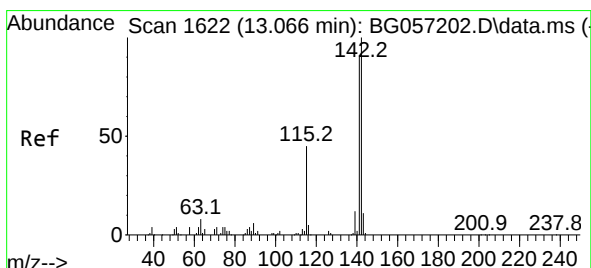
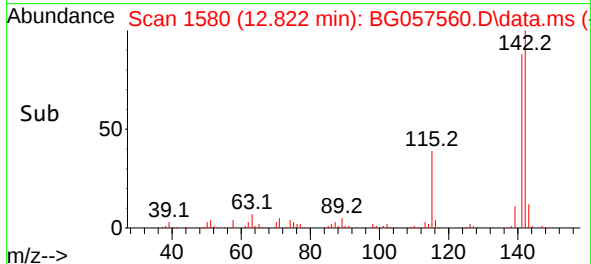
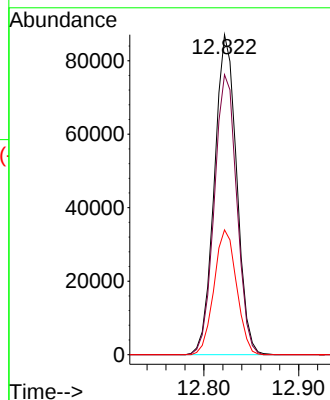
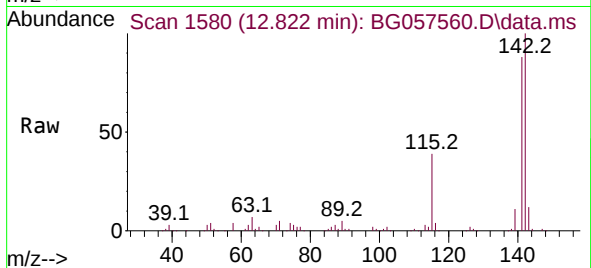
SSTDCCC040

Tgt Ion:142	Resp:	14216
Ion Ratio	Lower	Upper
142	100	
141	87.5	73.1 109.7
115	39.0	34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#38

1-Methylnaphthalene

Concen: 39.405 ng

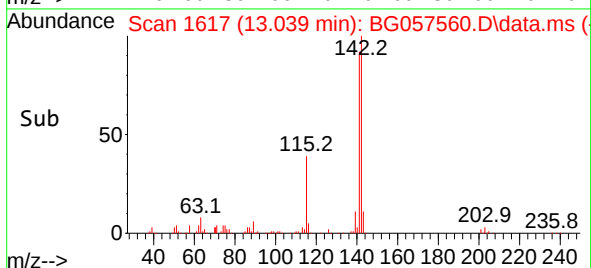
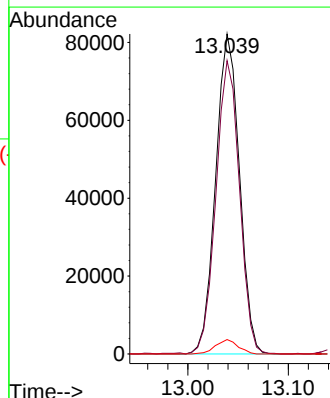
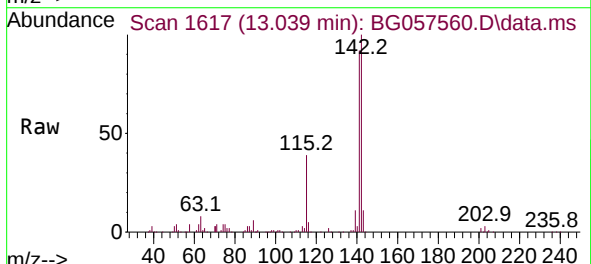
RT: 13.039 min Scan# 1617

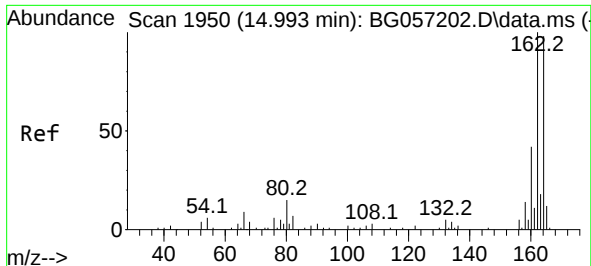
Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

Tgt Ion:142	Resp:	134818
Ion Ratio	Lower	Upper
142	100	
141	91.7	72.5 108.7
116	4.5	3.7 5.5





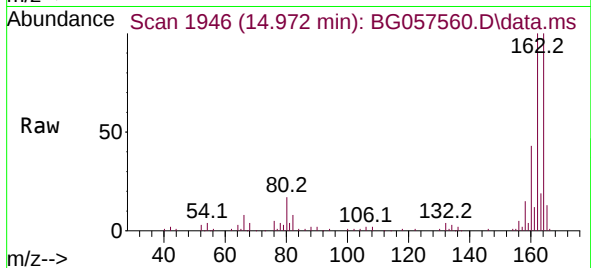
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.972 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

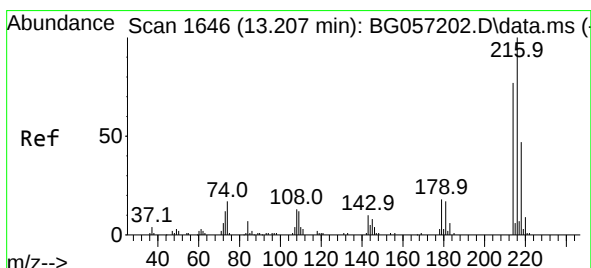
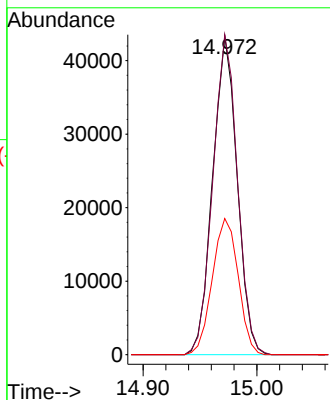
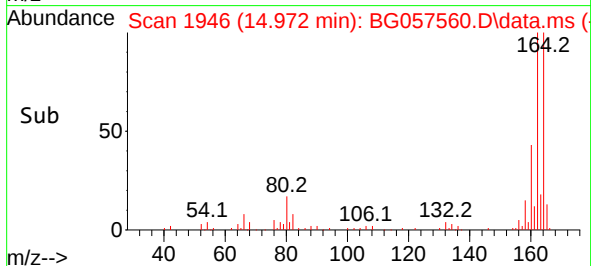


Tgt Ion:164 Resp: 64684
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 42.8 34.6 52.0

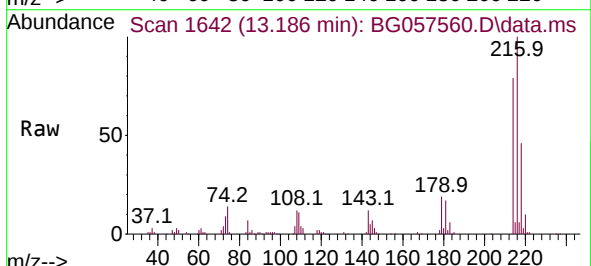
Manual Integrations

APPROVED

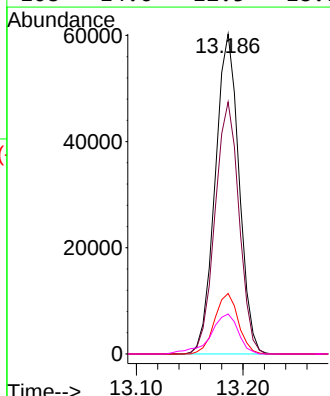
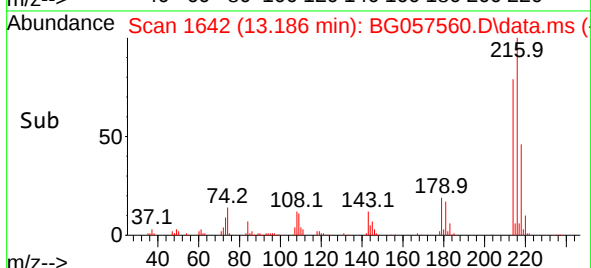
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

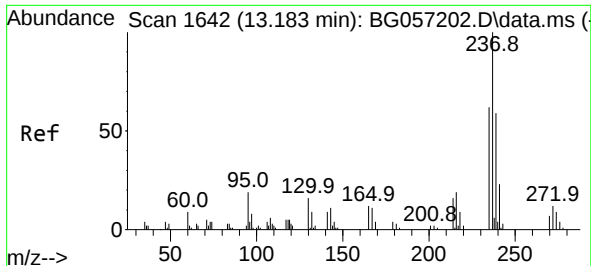


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.663 ng
RT: 13.186 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



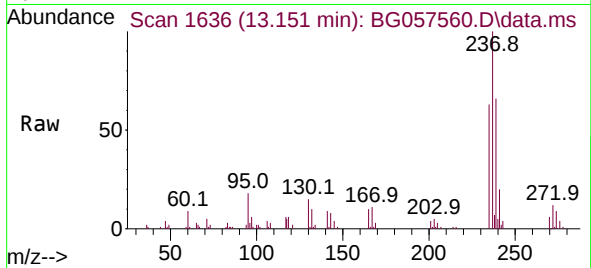
Tgt Ion:216 Resp: 93377
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 18.7 14.6 22.0
108 14.6 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 48.160 ng
RT: 13.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

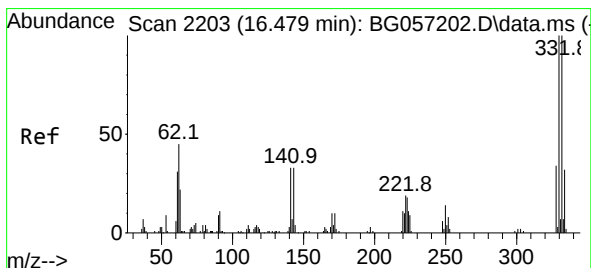
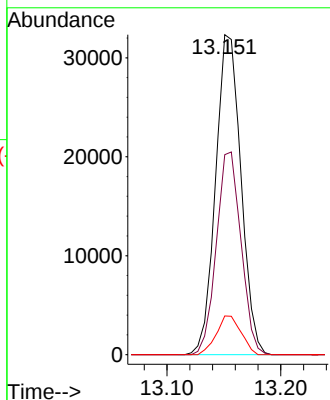
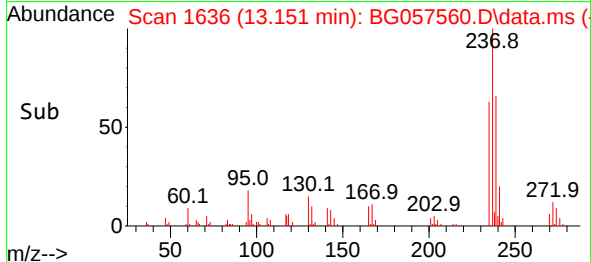
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



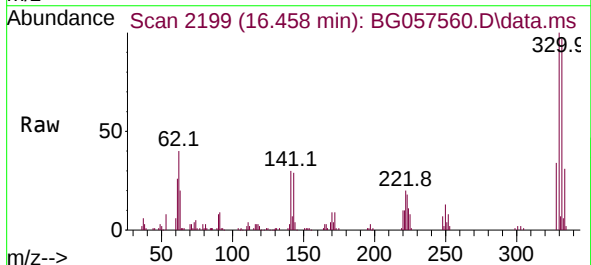
Tgt Ion:237 Resp: 50150
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 12.1 0.0 31.5

Manual Integrations
APPROVED

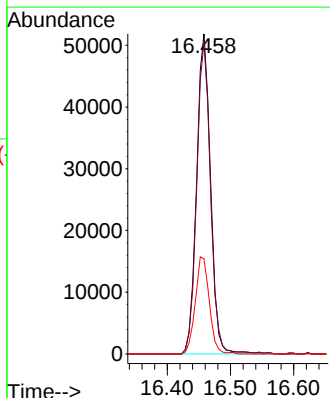
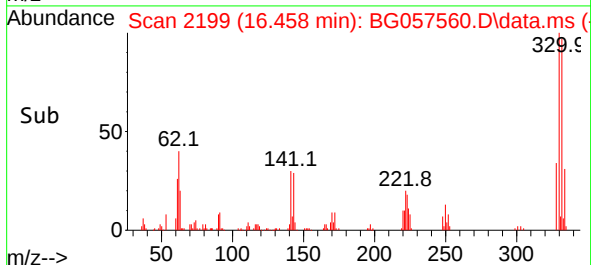
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

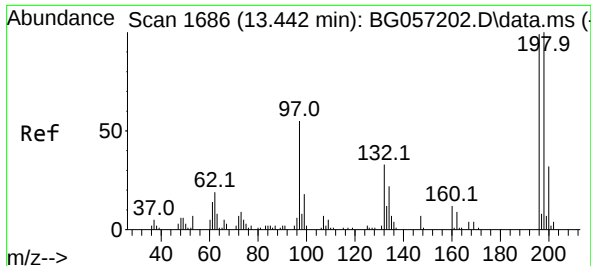


#42
2,4,6-Tribromophenol
Concen: 86.710 ng
RT: 16.458 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



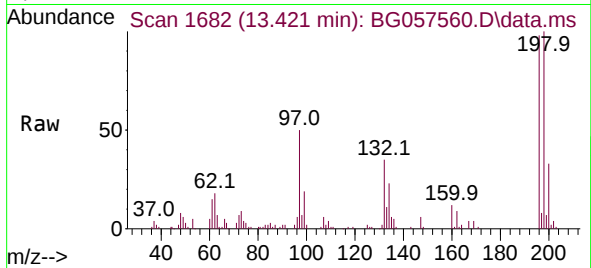
Tgt Ion:330 Resp: 79582
Ion Ratio Lower Upper
330 100
332 95.5 78.2 117.2
141 30.5 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 40.836 ng
RT: 13.421 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

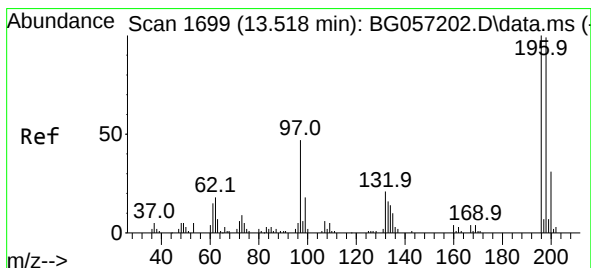
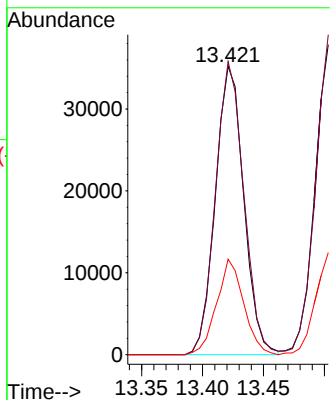
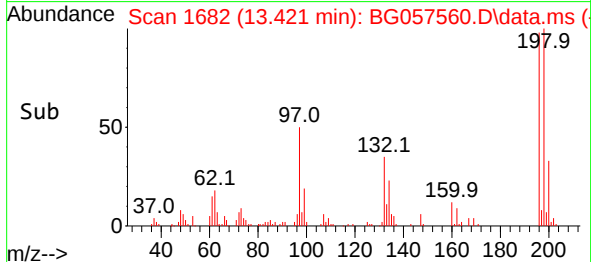
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



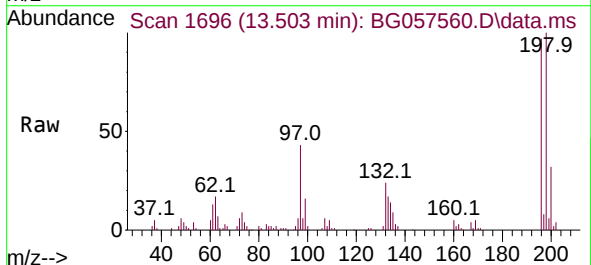
Tgt Ion:196 Resp: 57130
Ion Ratio Lower Upper
196 100
198 101.7 81.2 121.8
200 33.1 26.3 39.5

Manual Integrations
APPROVED

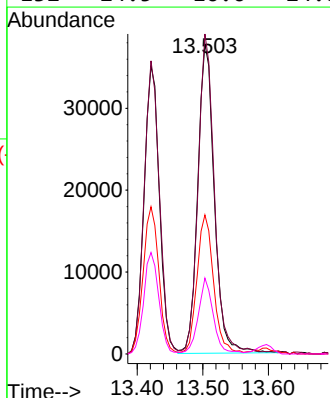
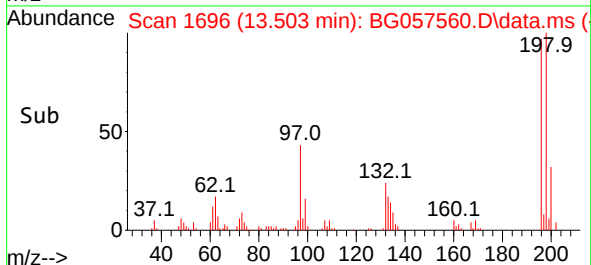
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

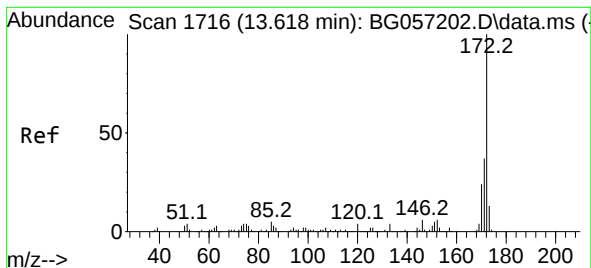


#44
2,4,5-Trichlorophenol
Concen: 40.402 ng
RT: 13.503 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



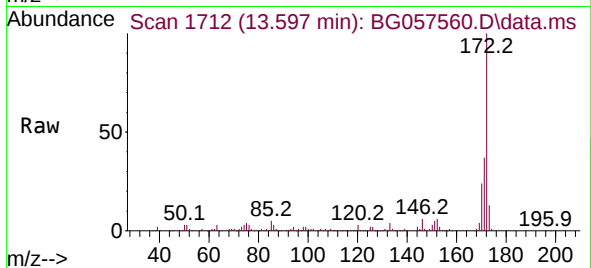
Tgt Ion:196 Resp: 66487
Ion Ratio Lower Upper
196 100
198 103.2 79.4 119.2
97 44.9 37.0 55.4
132 24.5 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 78.827 ng
RT: 13.597 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

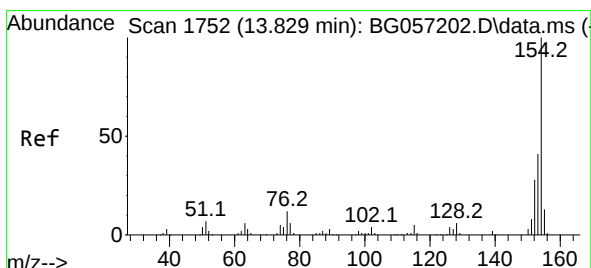
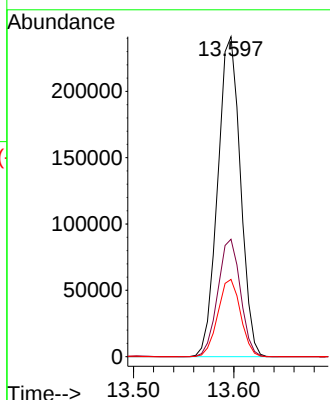
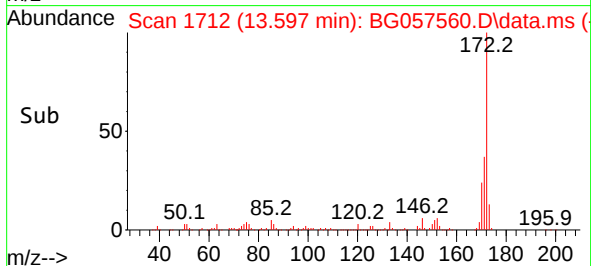
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



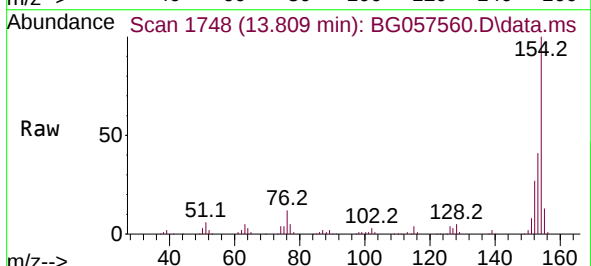
Tgt Ion:172 Resp: 378590
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.2 19.0 28.6

Manual Integrations
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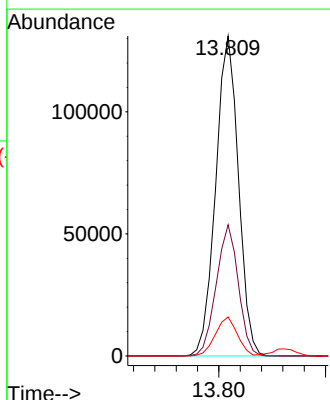
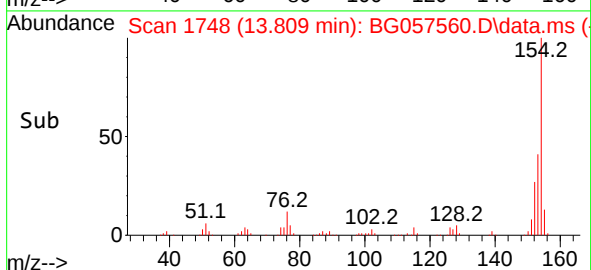
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#46
1,1'-Biphenyl
Concen: 40.298 ng
RT: 13.809 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



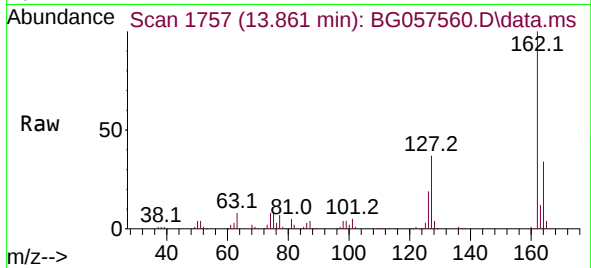
Tgt Ion:154 Resp: 193421
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 12.2 0.0 31.7





#47
2-Chloronaphthalene
Concen: 40.356 ng
RT: 13.861 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

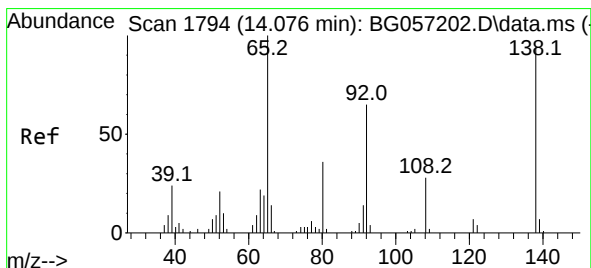
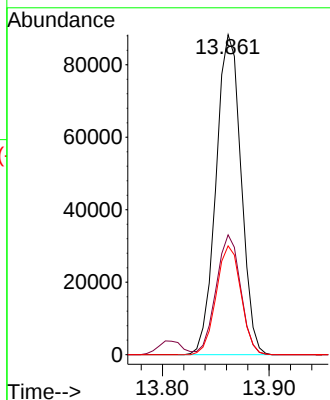
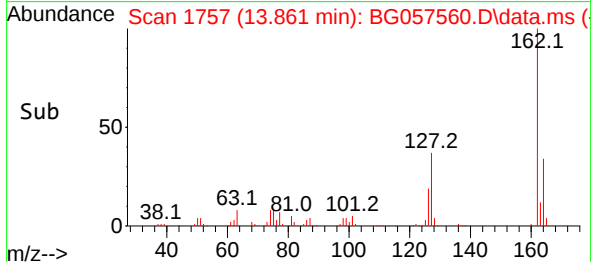
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 144039
Ion Ratio Lower Upper
162 100
127 37.4 29.8 44.6
164 34.0 26.6 40.0

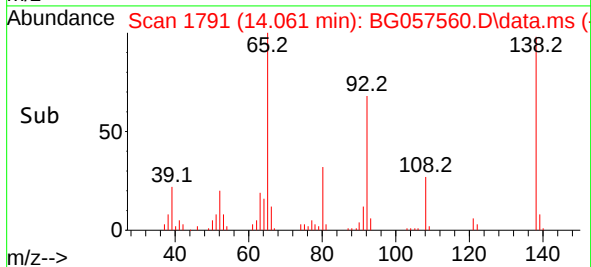
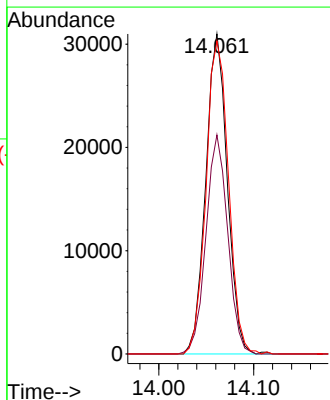
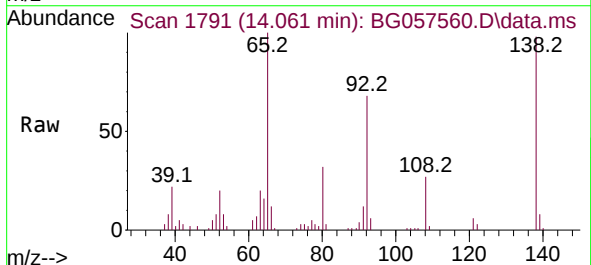
Manual Integrations
APPROVED

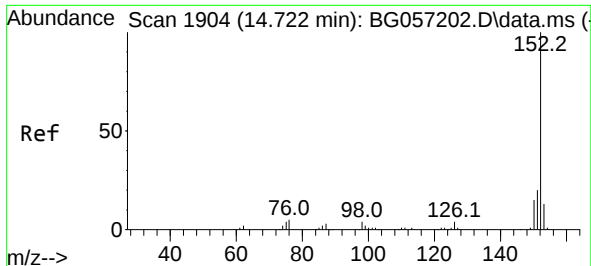
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#48
2-Nitroaniline
Concen: 40.263 ng
RT: 14.061 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

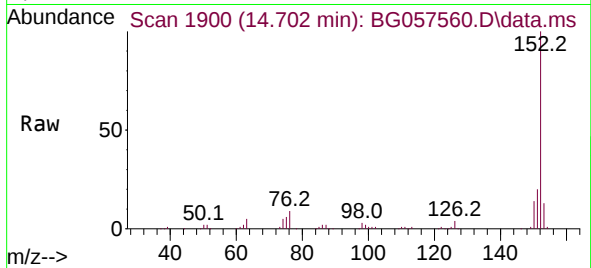
Tgt Ion: 65 Resp: 48864
Ion Ratio Lower Upper
65 100
92 68.4 52.1 78.1
138 97.7 75.3 112.9





#49
Acenaphthylene
Concen: 41.131 ng
RT: 14.702 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

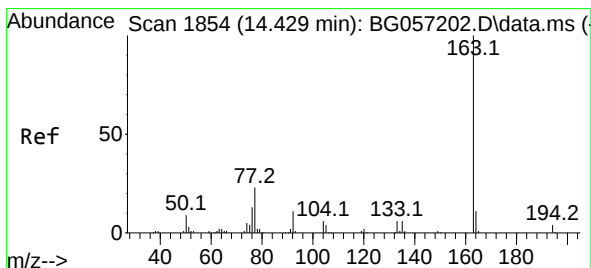
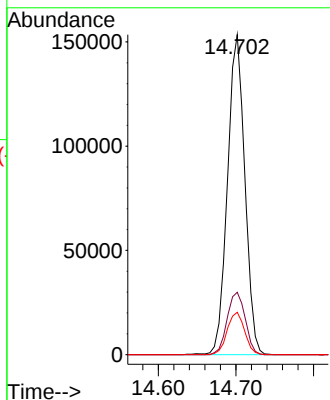
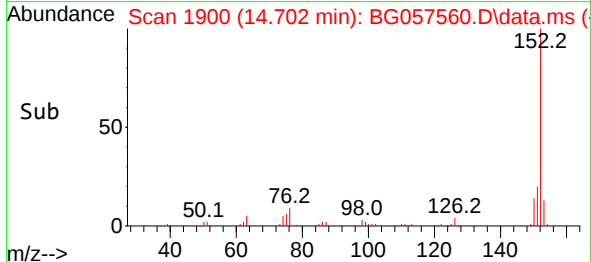
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 238504
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.3 10.7 16.1

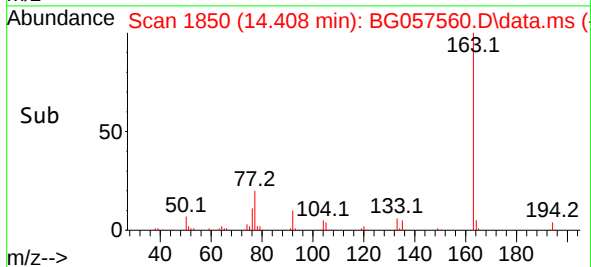
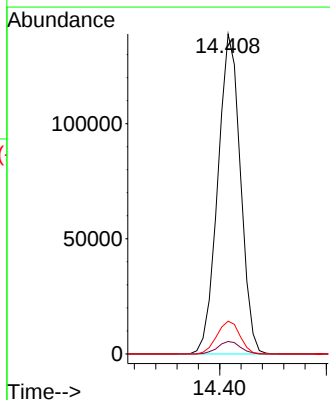
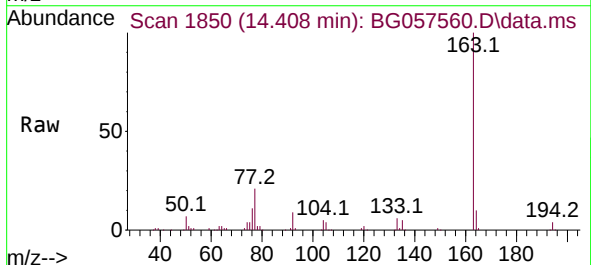
Manual Integrations
APPROVED

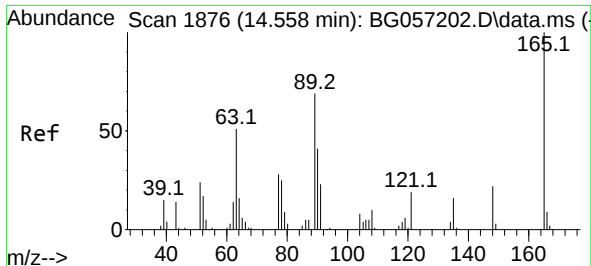
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#50
Dimethylphthalate
Concen: 38.449 ng
RT: 14.408 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:163 Resp: 204372
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.2 8.8 13.2





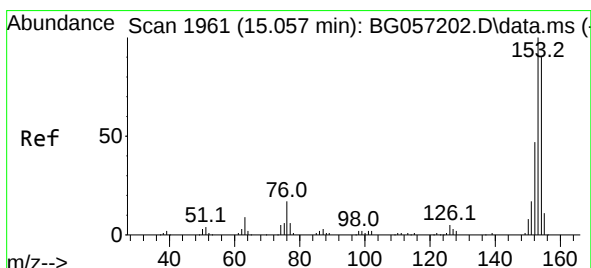
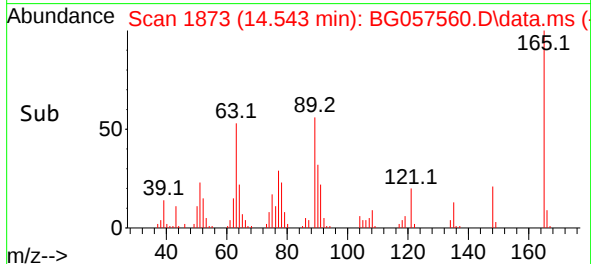
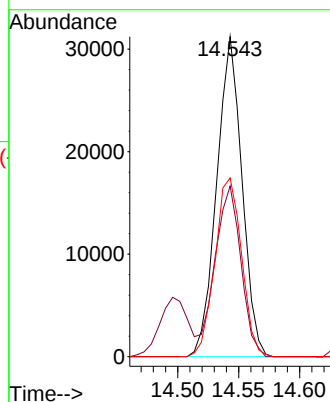
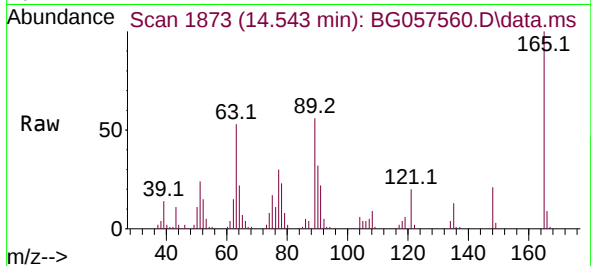
#51
2,6-Dinitrotoluene
Concen: 41.437 ng
RT: 14.543 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 4497
Ion Ratio Lower Upper
165 100
63 53.4 50.9 76.3
89 55.8 55.2 82.8

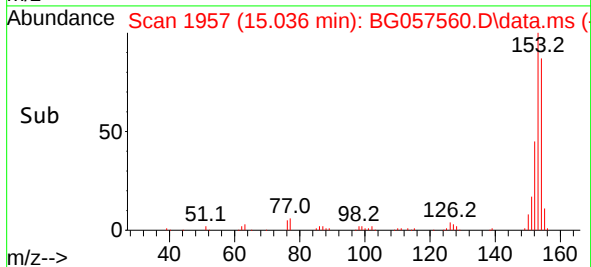
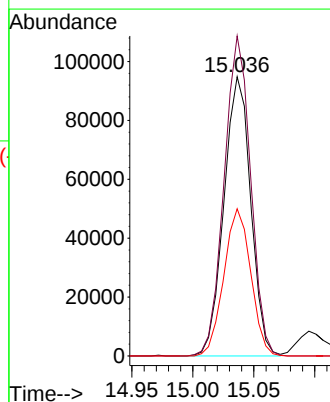
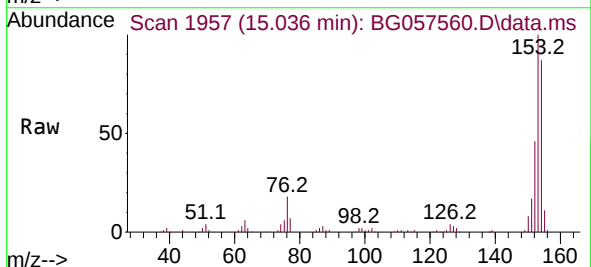
Manual Integrations
APPROVED

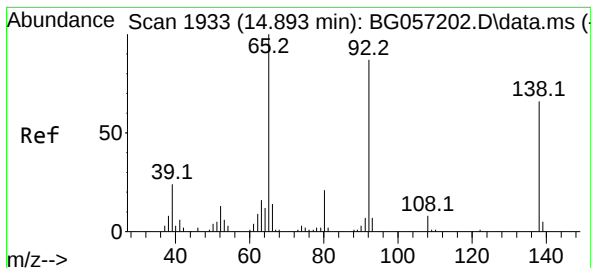
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#52
Acenaphthene
Concen: 40.065 ng
RT: 15.036 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:154 Resp: 145174
Ion Ratio Lower Upper
154 100
153 114.6 89.3 133.9
152 52.7 41.7 62.5





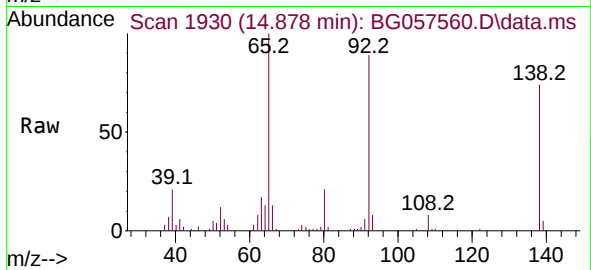
#53
3-Nitroaniline
Concen: 40.731 ng
RT: 14.878 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

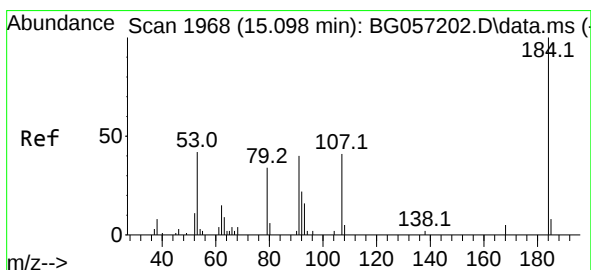
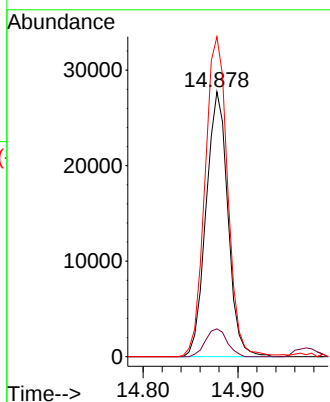
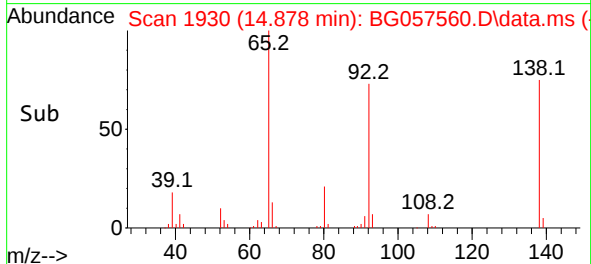


Tgt Ion:138 Resp: 44285
Ion Ratio Lower Upper
138 100
108 10.5 9.5 14.3
92 120.8 106.2 159.4

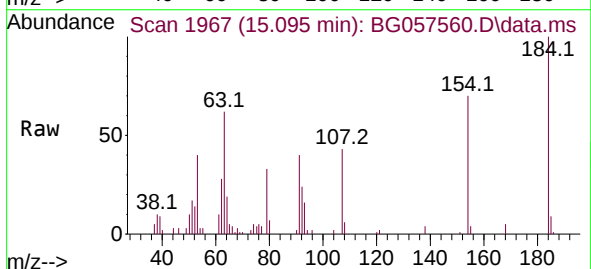
Manual Integrations

APPROVED

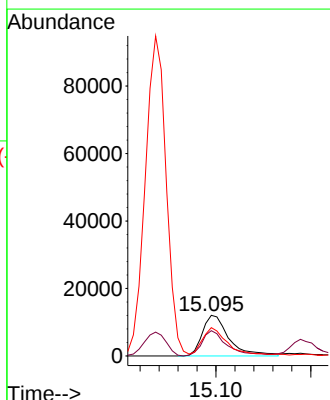
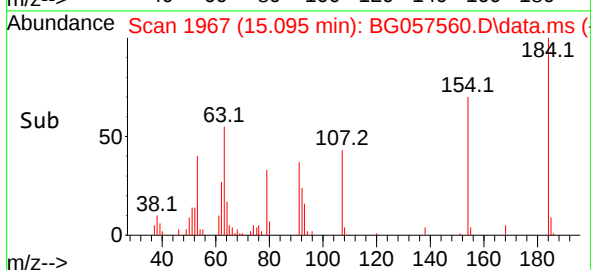
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

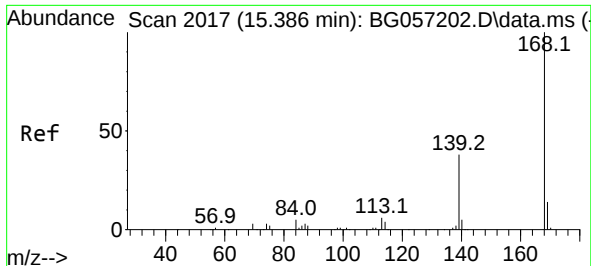


#54
2,4-Dinitrophenol
Concen: 37.822 ng
RT: 15.095 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



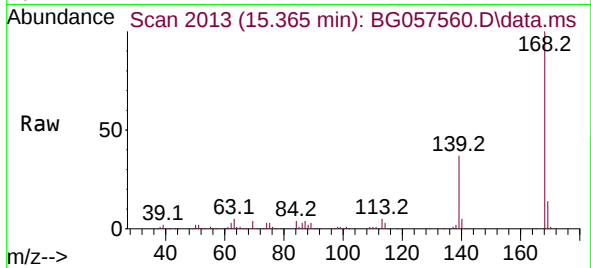
Tgt Ion:184 Resp: 23564
Ion Ratio Lower Upper
184 100
63 62.2 48.2 72.4
154 69.9 55.4 83.2





#55
Dibenzenofuran
Concen: 40.510 ng
RT: 15.365 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

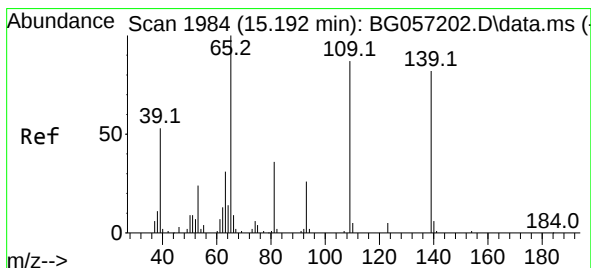
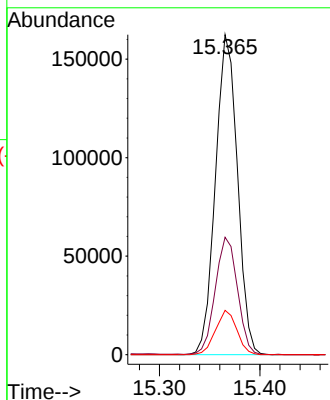
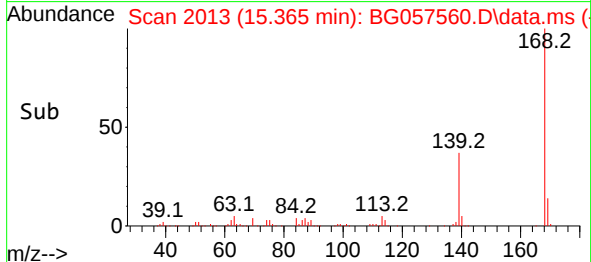
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 246628
Ion Ratio Lower Upper
168 100
139 36.7 30.7 46.1
169 13.9 10.9 16.3

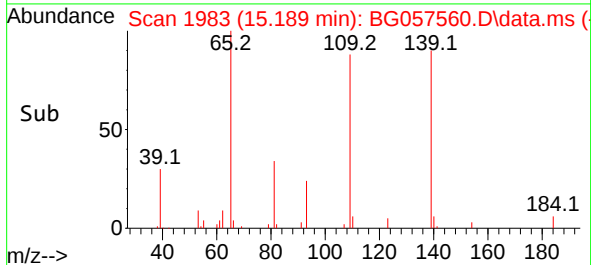
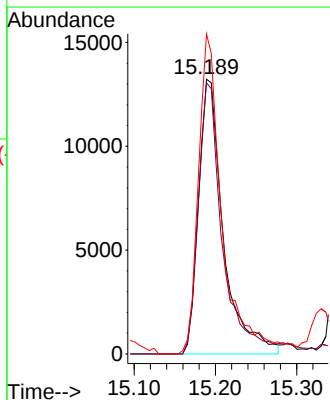
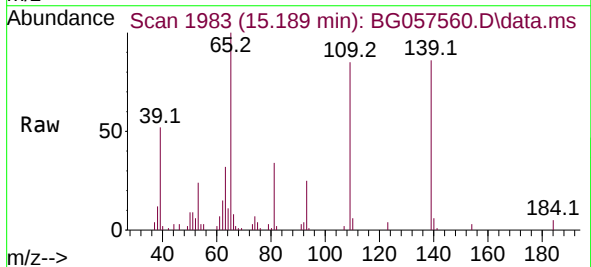
Manual Integrations
APPROVED

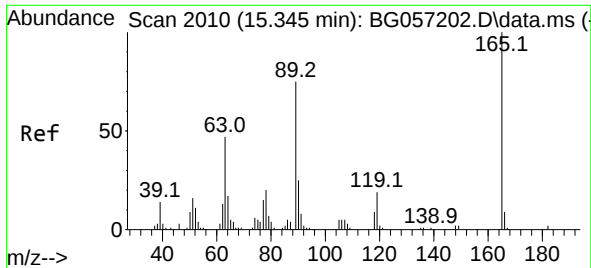
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#56
4-Nitrophenol
Concen: 38.923 ng
RT: 15.189 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:139 Resp: 28146
Ion Ratio Lower Upper
139 100
109 98.7 86.6 126.6
65 116.5 102.6 142.6





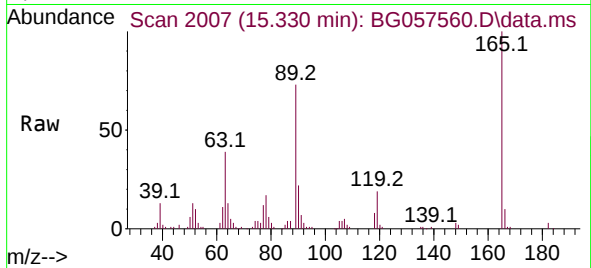
#57
2,4-Dinitrotoluene
Concen: 42.511 ng
RT: 15.330 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

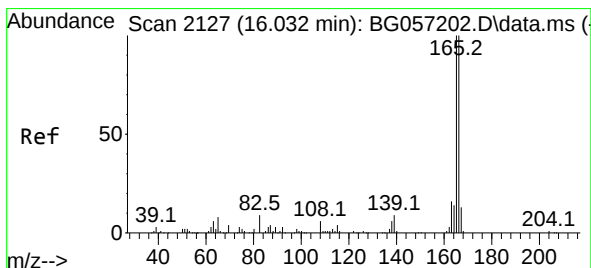
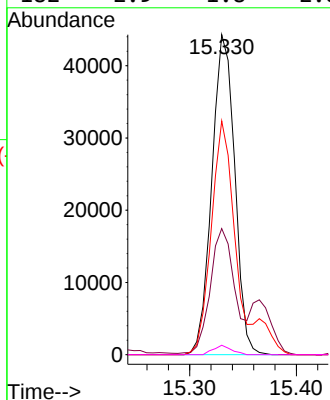
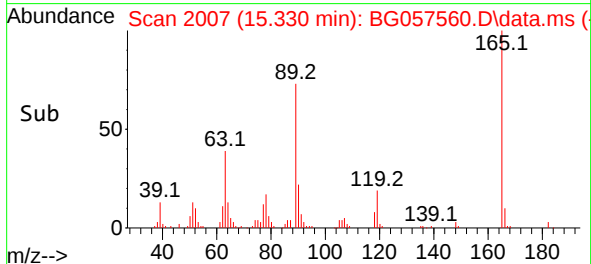


Tgt Ion:165 Resp: 65930
Ion Ratio Lower Upper
165 100
63 39.4 37.5 56.3
89 73.0 60.2 90.4
182 2.9 1.8 2.8#

Manual Integrations

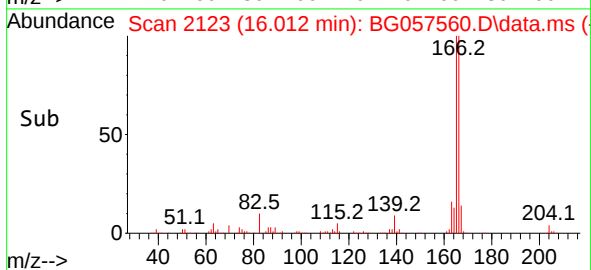
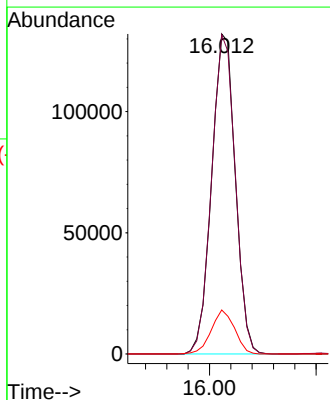
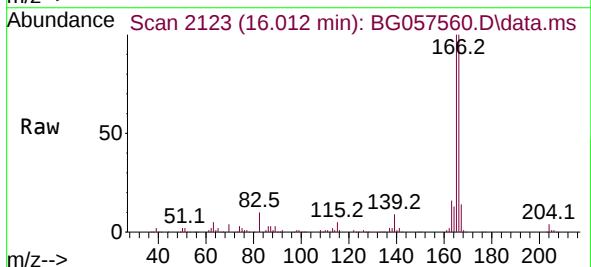
APPROVED

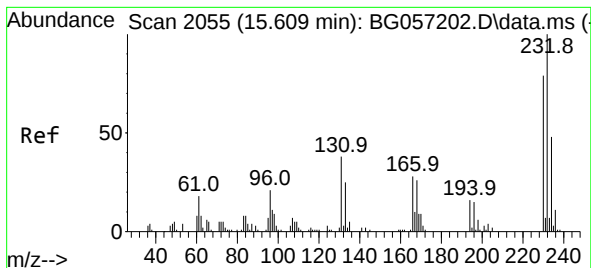
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#58
Fluorene
Concen: 40.525 ng
RT: 16.012 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

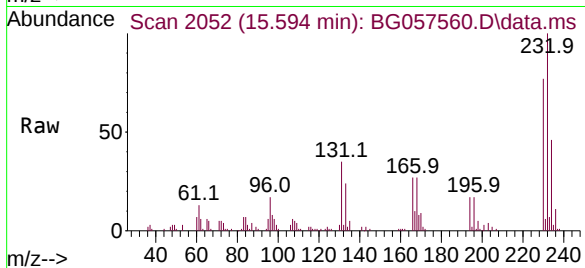
Tgt Ion:166 Resp: 203224
Ion Ratio Lower Upper
166 100
165 99.8 80.1 120.1
167 13.7 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.930 ng
RT: 15.594 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

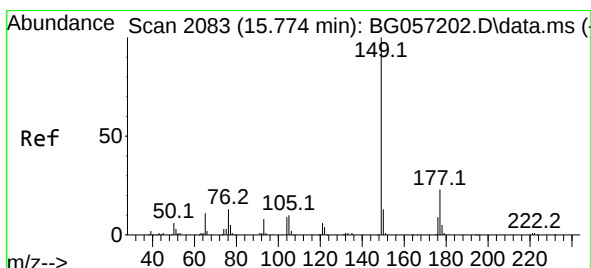
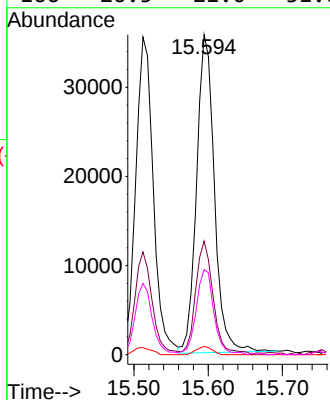
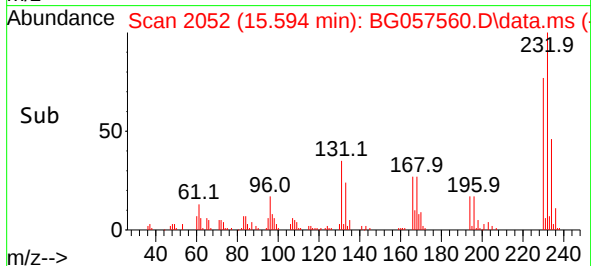
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



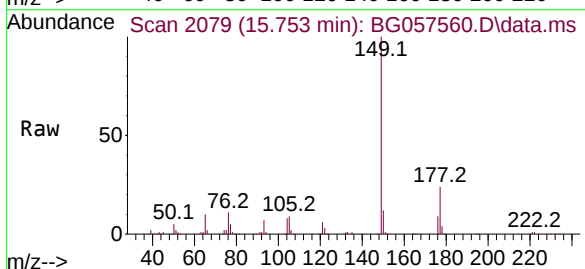
Tgt Ion:232 Resp: 59574
Ion Ratio Lower Upper
232 100
131 35.2 28.6 42.8
130 2.3 1.6 2.4
166 26.5 21.0 31.6

Manual Integrations
APPROVED

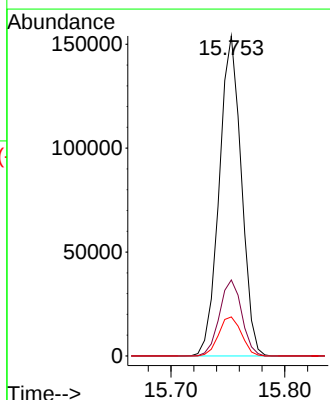
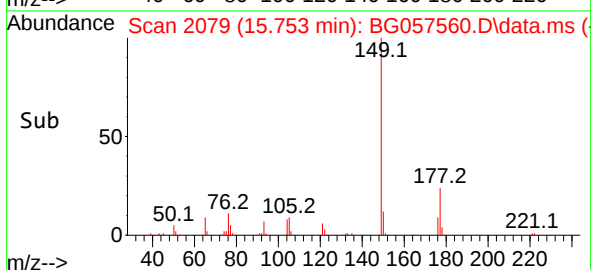
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

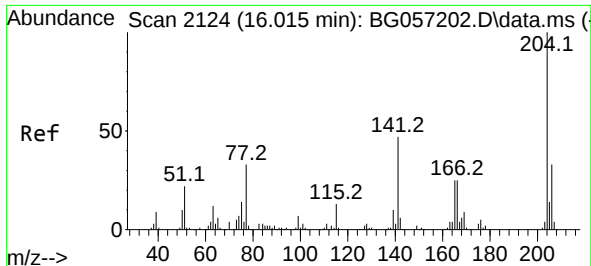


#60
Diethylphthalate
Concen: 38.540 ng
RT: 15.753 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion:149 Resp: 208039
Ion Ratio Lower Upper
149 100
177 23.7 18.3 27.5
150 12.2 10.1 15.1





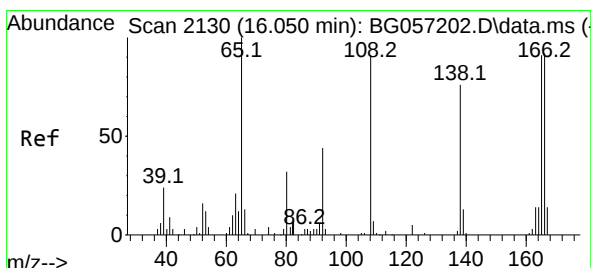
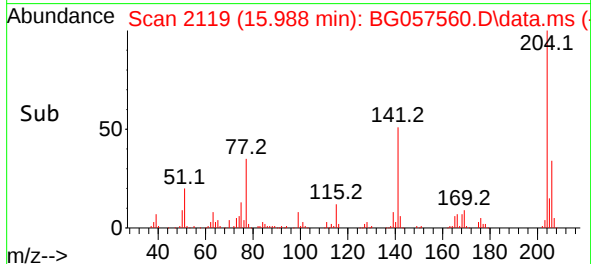
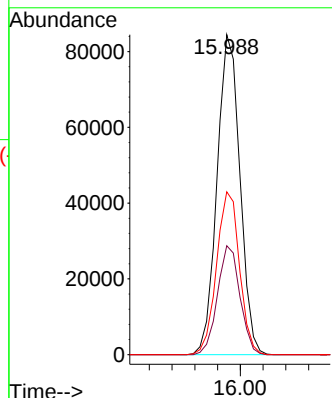
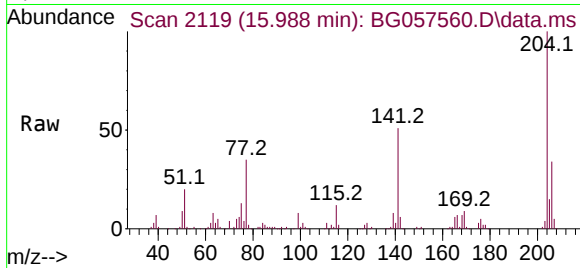
#61
4-Chlorophenyl-phenylether
Concen: 39.061 ng
RT: 15.988 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 11800
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 50.9 37.4 56.0

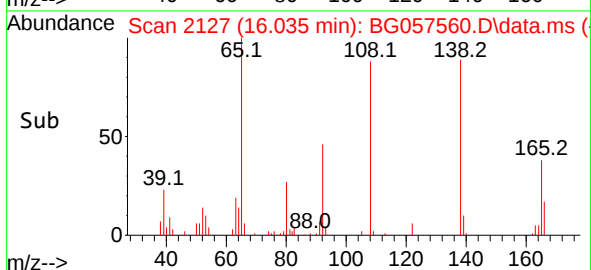
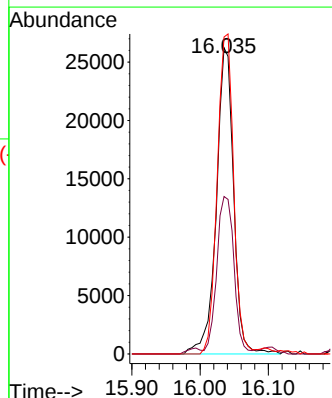
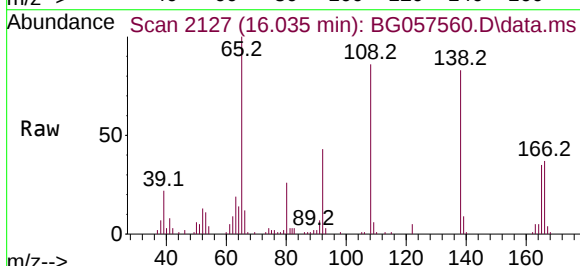
Manual Integrations
APPROVED

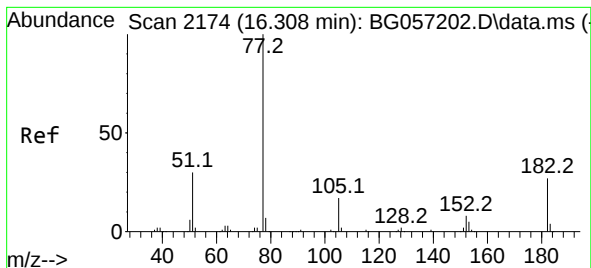
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#62
4-Nitroaniline
Concen: 42.187 ng
RT: 16.035 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:138 Resp: 46273
Ion Ratio Lower Upper
138 100
92 51.4 38.2 78.2
108 103.5 99.6 139.6





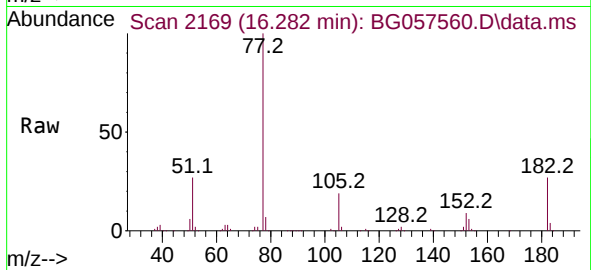
#63
Azobenzene
Concen: 36.971 ng
RT: 16.282 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

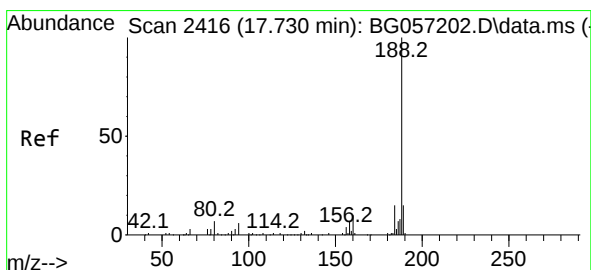
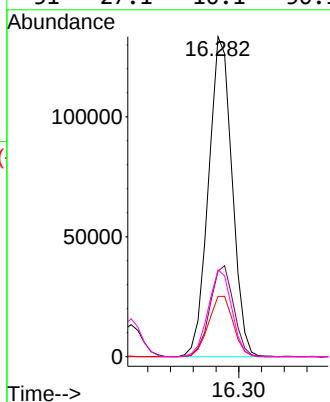
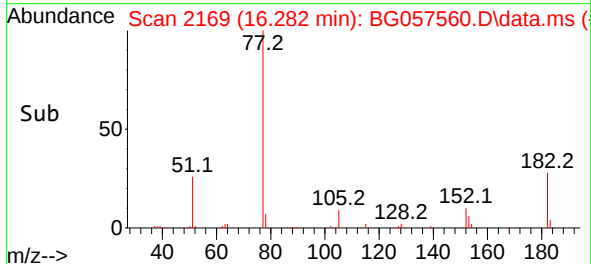


Tgt Ion: 77 Resp: 192550
Ion Ratio Lower Upper
77 100
182 26.7 7.4 47.4
105 18.8 0.0 37.2
51 27.1 10.1 50.1

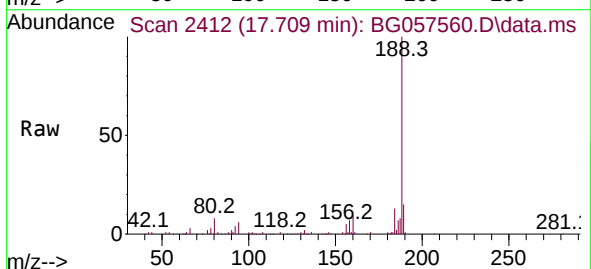
Manual Integrations

APPROVED

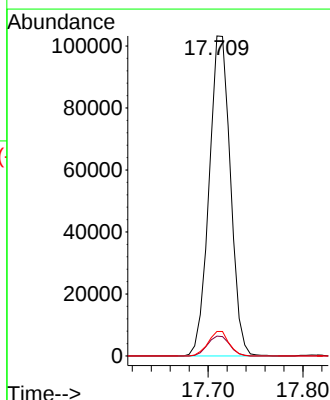
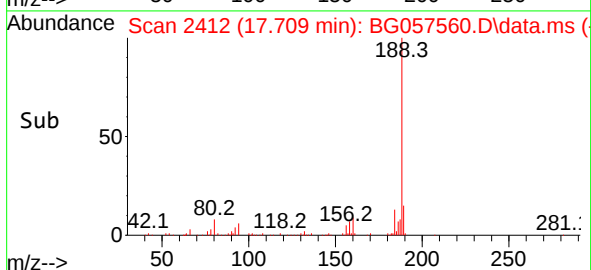
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

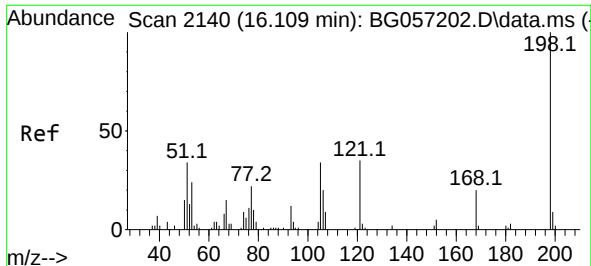


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.709 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion:188 Resp: 161163
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.7 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 42.183 ng
RT: 16.100 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

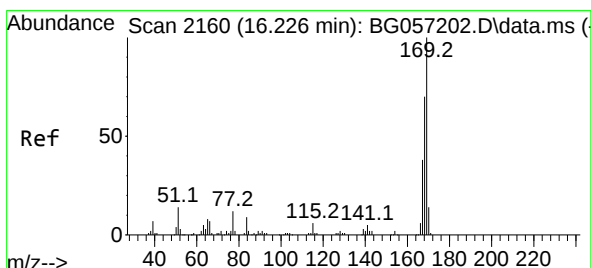
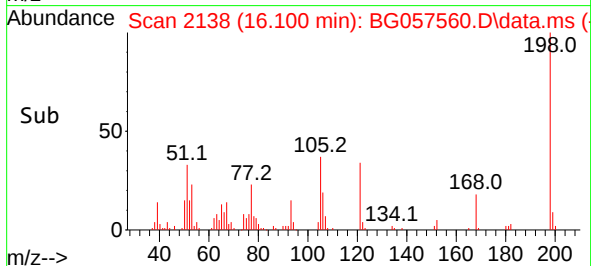
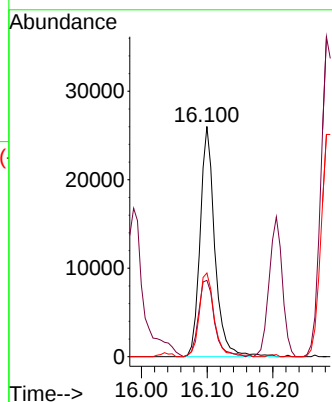
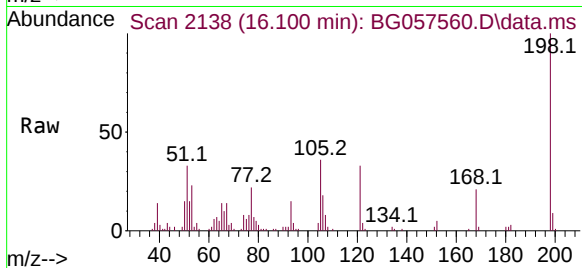
SSTDCCC040

Tgt Ion:198 Resp: 40589
Ion Ratio Lower Upper
198 100
51 33.2 16.1 56.1
105 36.4 14.0 54.0

Manual Integrations

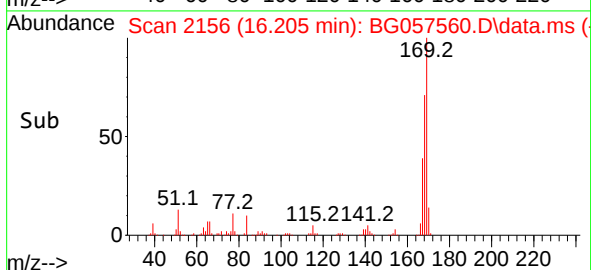
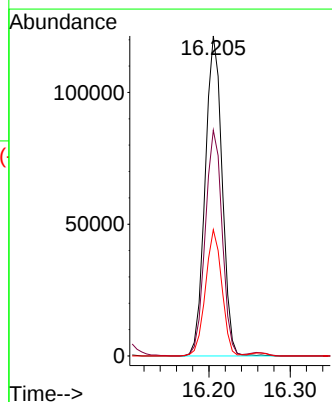
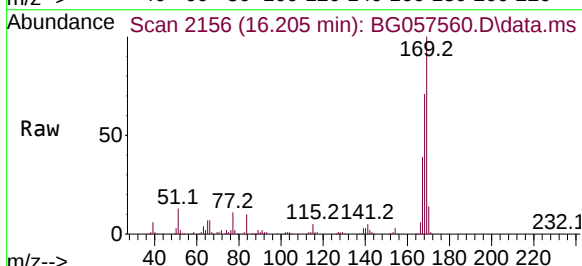
APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#66
n-Nitrosodiphenylamine
Concen: 40.165 ng
RT: 16.205 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

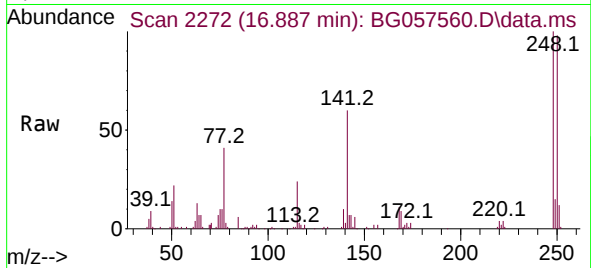
Tgt Ion:169 Resp: 175809
Ion Ratio Lower Upper
169 100
168 70.6 56.2 84.4
167 39.5 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 40.236 ng
RT: 16.887 min Scan# 211
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

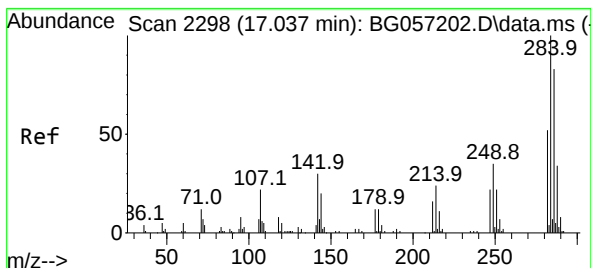
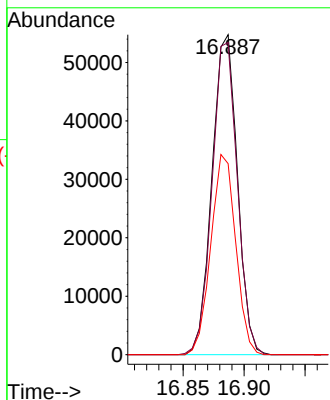
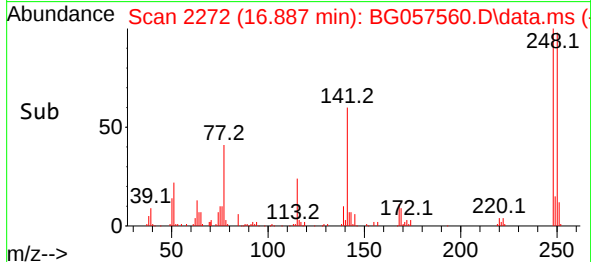
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



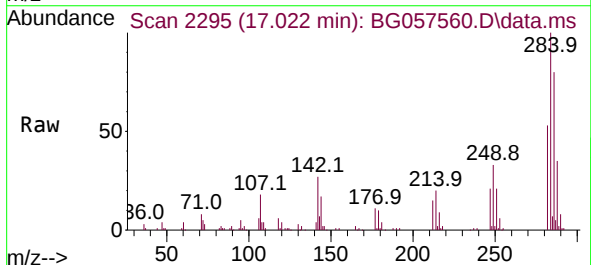
Tgt Ion:248 Resp: 7916
Ion Ratio Lower Upper
248 100
250 97.6 77.0 115.6
141 59.7 48.6 72.8

Manual Integrations
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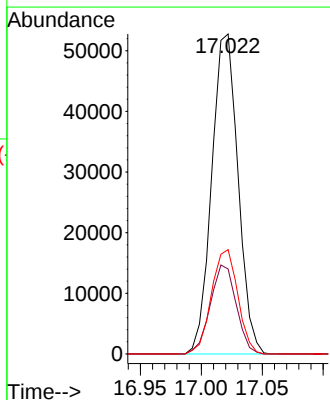
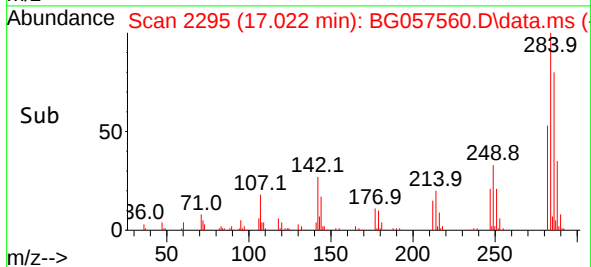
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

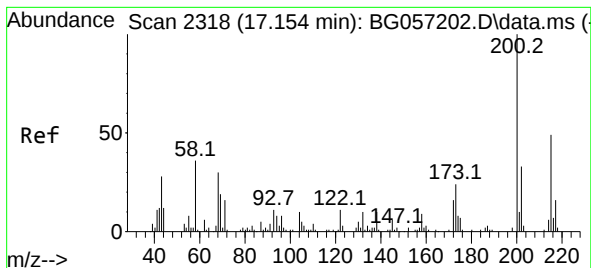


#68
Hexachlorobenzene
Concen: 41.459 ng
RT: 17.022 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion:284 Resp: 79264
Ion Ratio Lower Upper
284 100
142 26.6 23.9 35.9
249 32.6 27.7 41.5





#69

Atrazine

Concen: 41.360 ng

RT: 17.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

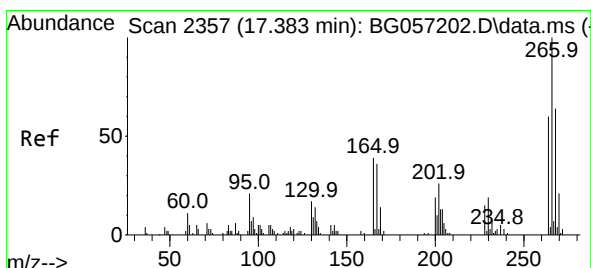
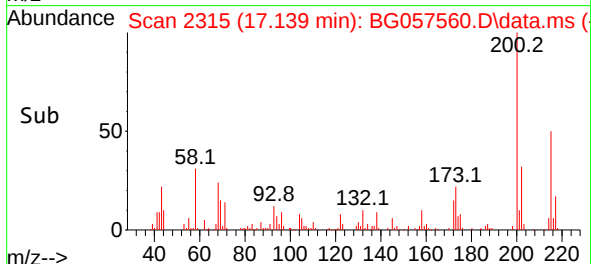
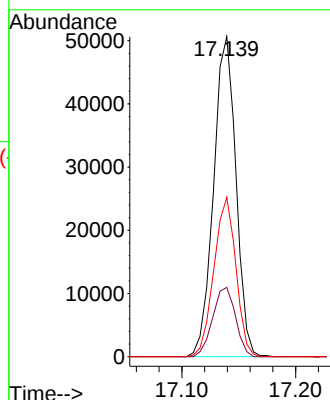
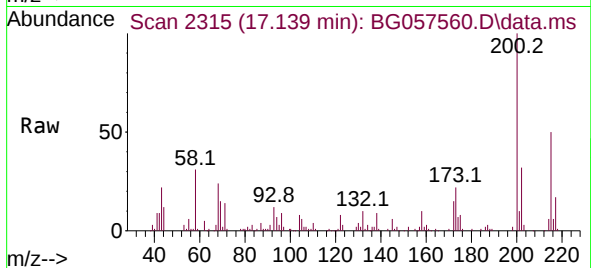
SSTDCCC040

Tgt Ion:200 Resp: 6906
 Ion Ratio Lower Upper
 200 100
 173 21.7 4.3 44.3
 215 49.8 29.3 69.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#70

Pentachlorophenol

Concen: 43.177 ng

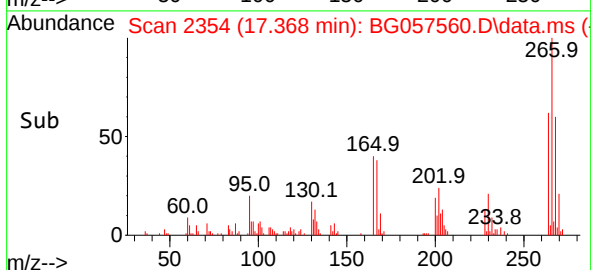
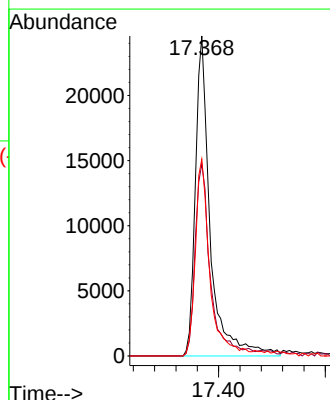
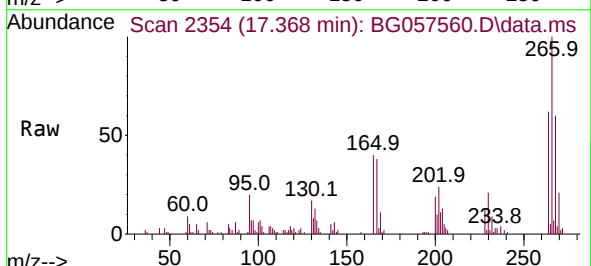
RT: 17.368 min Scan# 2354

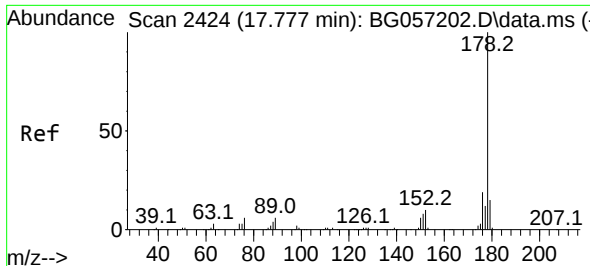
Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

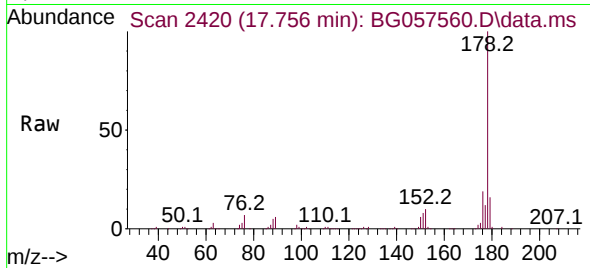
Tgt Ion:266 Resp: 47574
 Ion Ratio Lower Upper
 266 100
 268 60.0 51.0 76.6
 264 61.5 47.8 71.6





#71
Phenanthrene
Concen: 40.520 ng
RT: 17.756 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

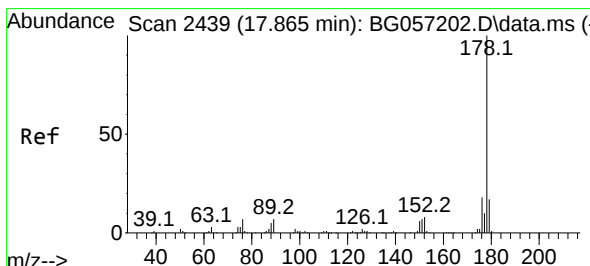
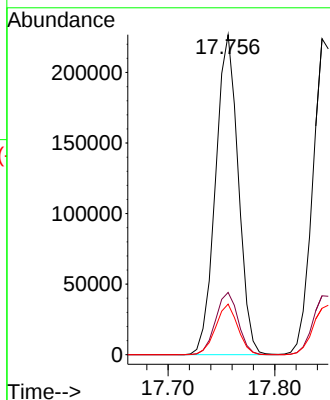
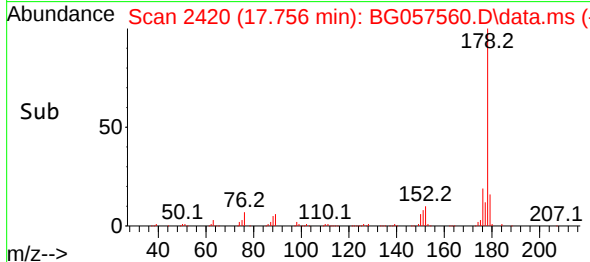
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



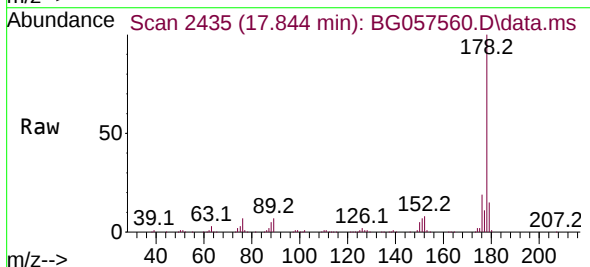
Tgt Ion:178 Resp: 33462
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.3 18.5

Manual Integrations
APPROVED

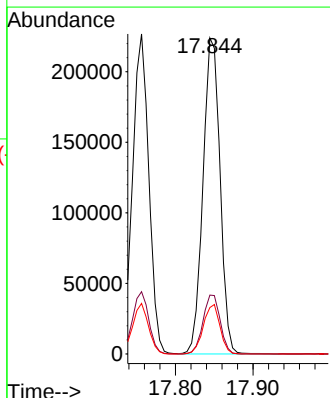
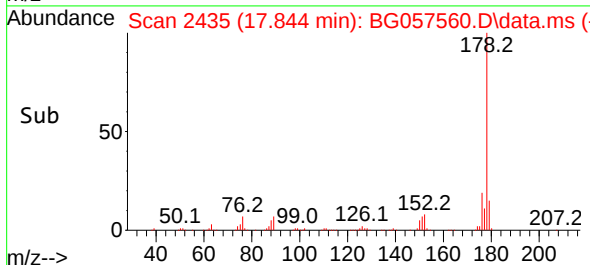
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

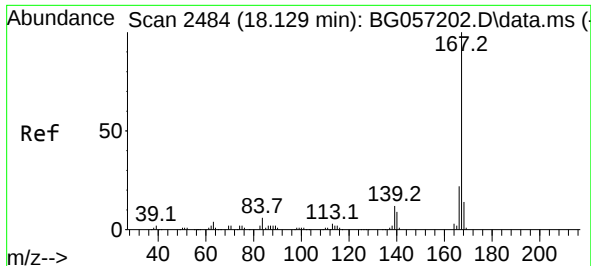


#72
Anthracene
Concen: 40.374 ng
RT: 17.844 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



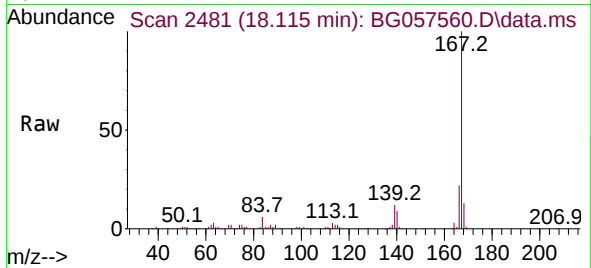
Tgt Ion:178 Resp: 342119
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 14.7 13.2 19.8





#73
Carbazole
Concen: 41.057 ng
RT: 18.115 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

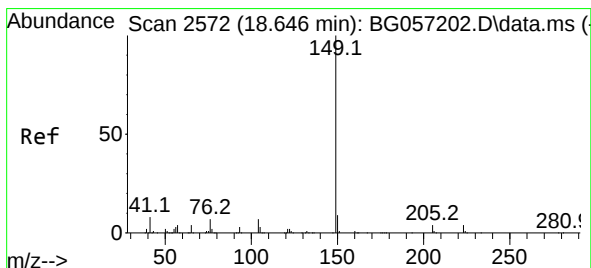
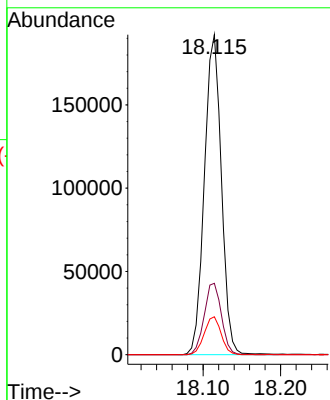
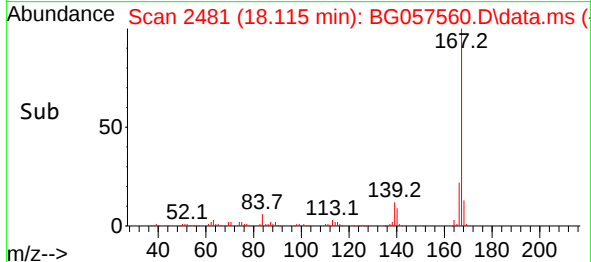
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



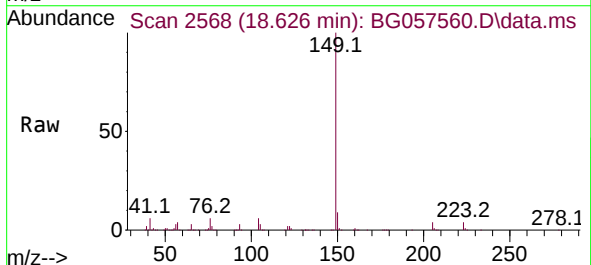
Tgt Ion:167 Resp: 292889
Ion Ratio Lower Upper
167 100
166 22.3 17.4 26.0
139 11.9 9.6 14.4

Manual Integrations
APPROVED

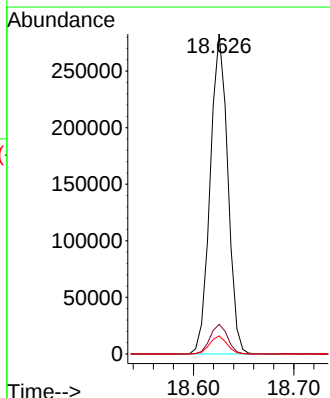
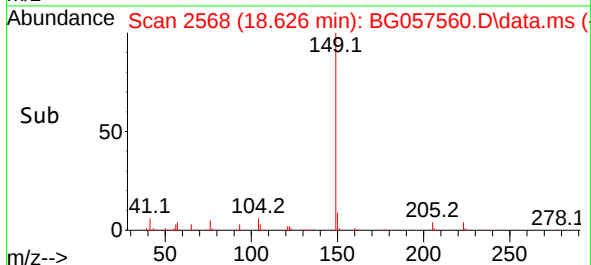
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

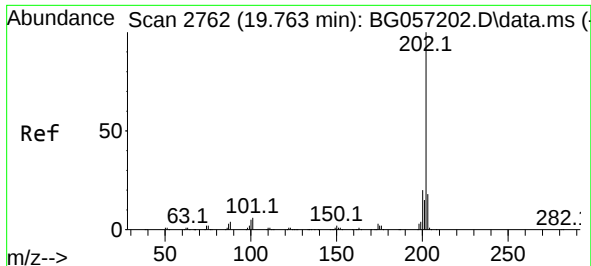


#74
Di-n-butylphthalate
Concen: 41.914 ng
RT: 18.626 min Scan# 2568
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



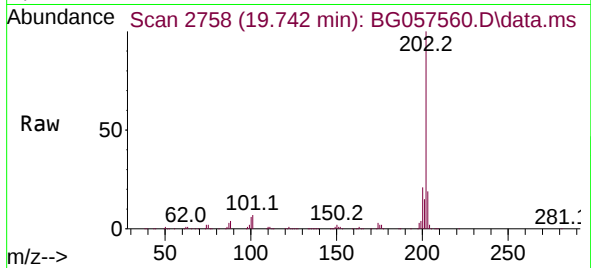
Tgt Ion:149 Resp: 344022
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.6 5.4 8.2





#75
Fluoranthene
Concen: 39.221 ng
RT: 19.742 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

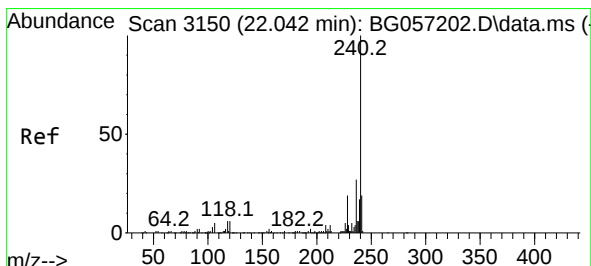
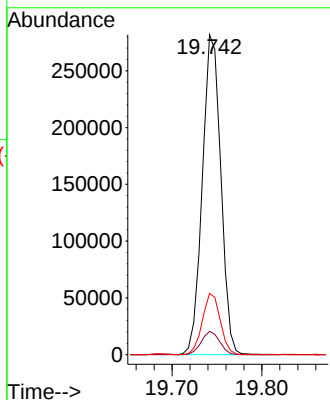
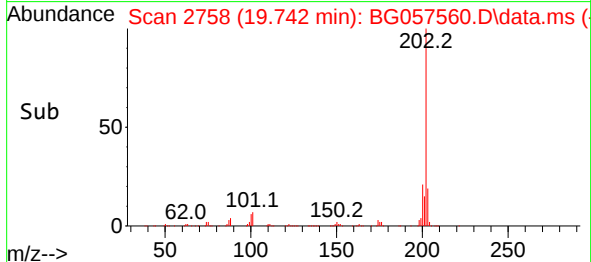
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



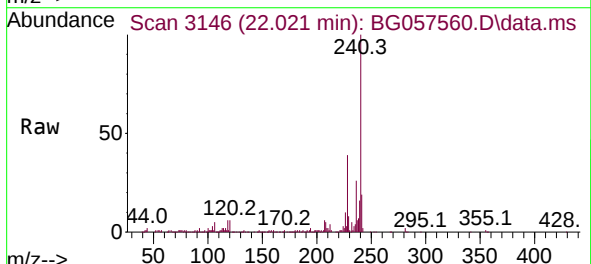
Tgt Ion:202 Resp: 402840
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.2
203 19.2 0.0 37.9

Manual Integrations
APPROVED

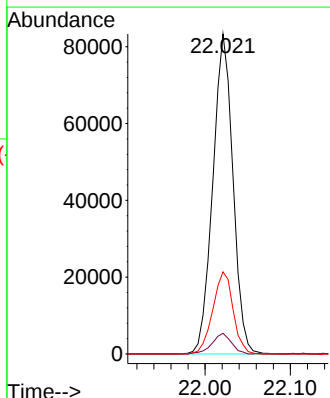
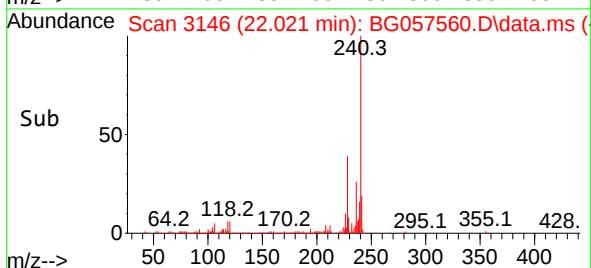
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

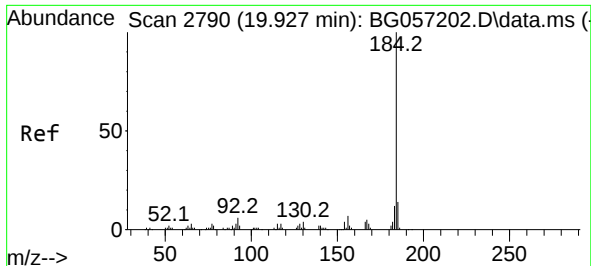


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.021 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



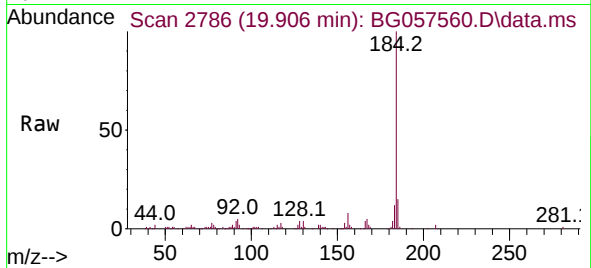
Tgt Ion:240 Resp: 136456
Ion Ratio Lower Upper
240 100
120 6.5 4.9 7.3
236 25.7 21.4 32.2





#77
Benzidine
Concen: 30.701 ng m
RT: 19.906 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

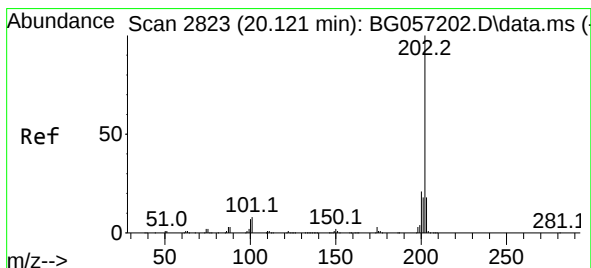
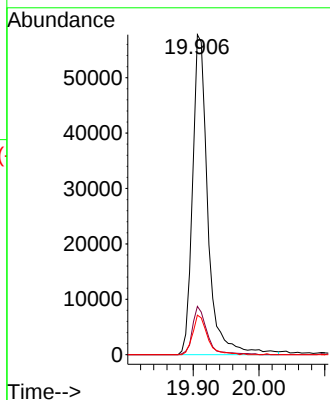
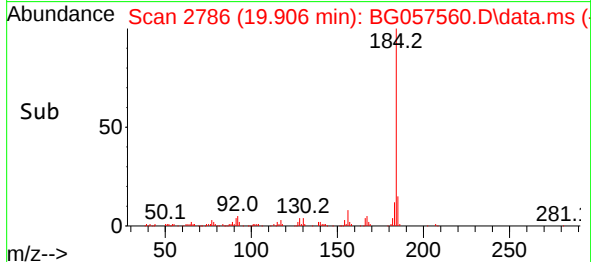
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



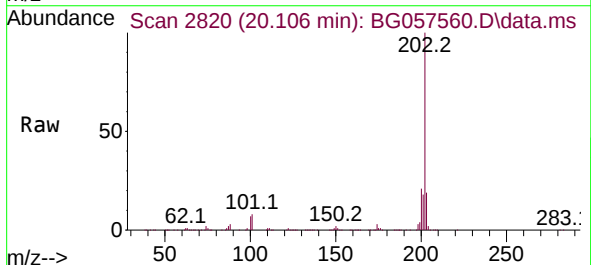
Tgt Ion:184 Resp: 93660
Ion Ratio Lower Upper
184 100
185 15.1 11.1 16.7
183 12.3 9.9 14.9

Manual Integrations
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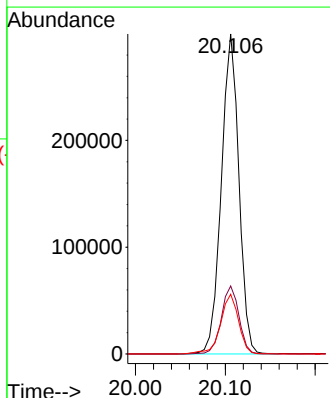
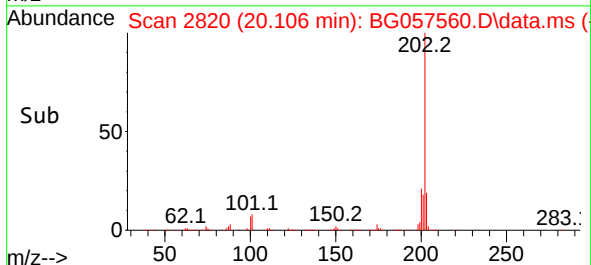
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

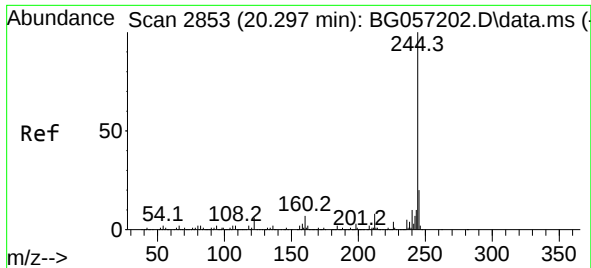


#78
Pyrene
Concen: 40.983 ng
RT: 20.106 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion:202 Resp: 406380
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.7 14.2 21.4





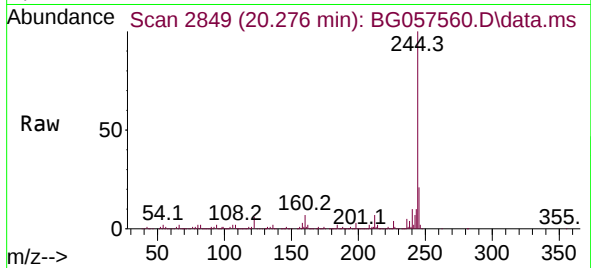
#79
 Terphenyl-d14
 Concen: 79.901 ng
 RT: 20.276 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057560.D
 Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

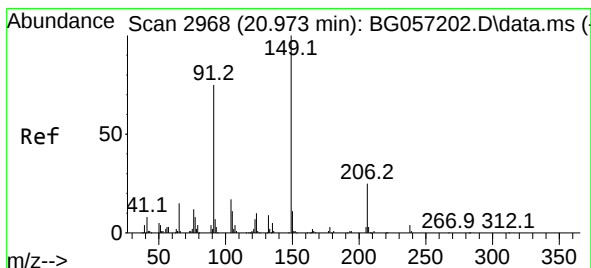
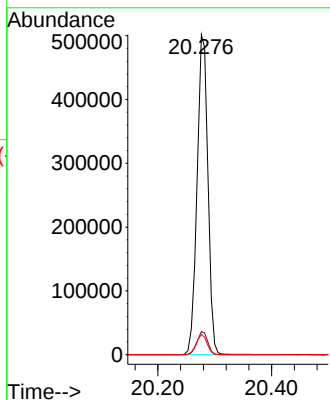
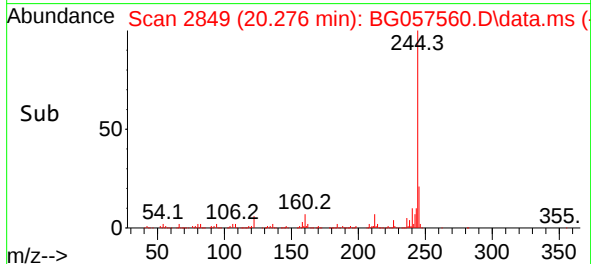


Tgt Ion:244 Resp: 66810
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.3 5.1 7.7

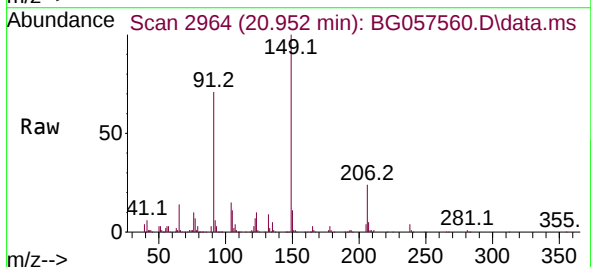
Manual Integrations

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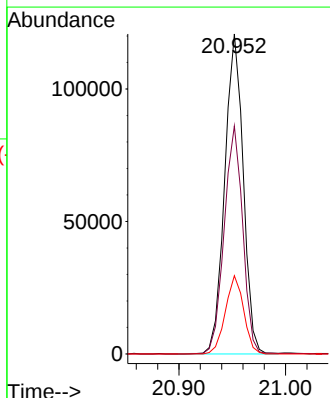
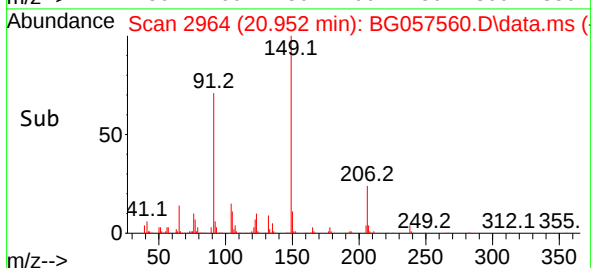
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023

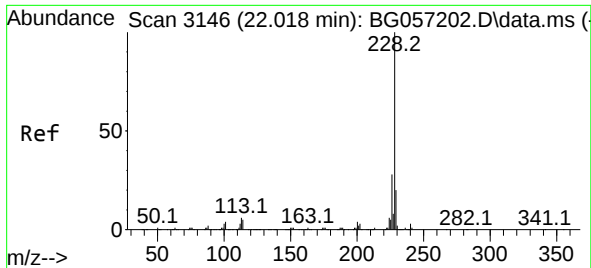


#80
 Butylbenzylphthalate
 Concen: 46.323 ng
 RT: 20.952 min Scan# 2964
 Delta R.T. 0.000 min
 Lab File: BG057560.D
 Acq: 25 May 2023 16:22



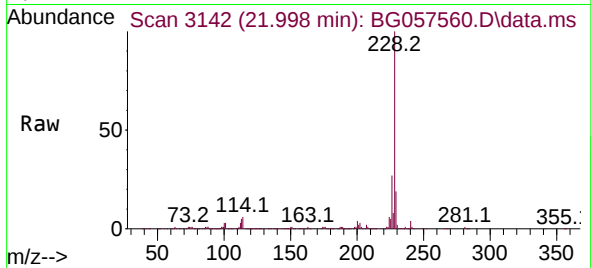
Tgt Ion:149 Resp: 145741
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.7 89.5
 206 24.5 19.7 29.5





#81
Benzo(a)anthracene
Concen: 40.232 ng
RT: 21.998 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

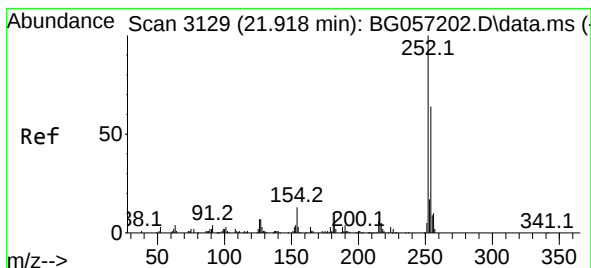
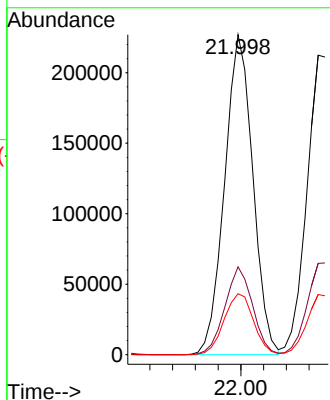
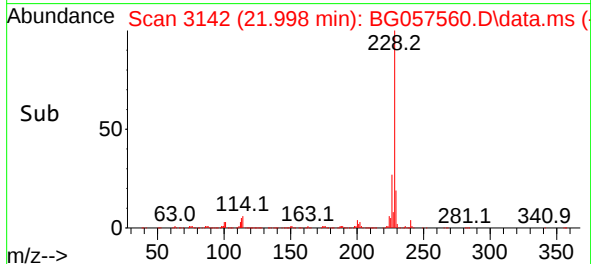
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 391140
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.1 15.8 23.8

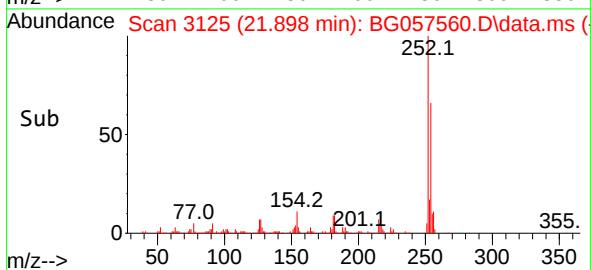
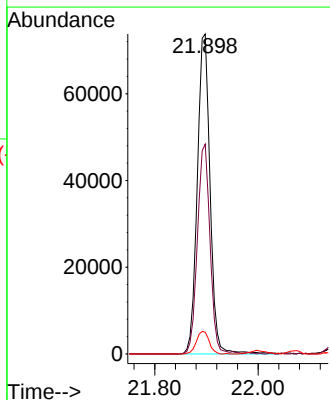
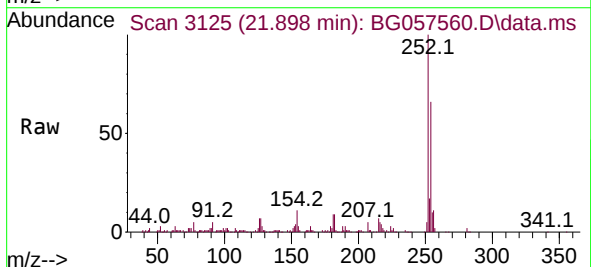
Manual Integrations
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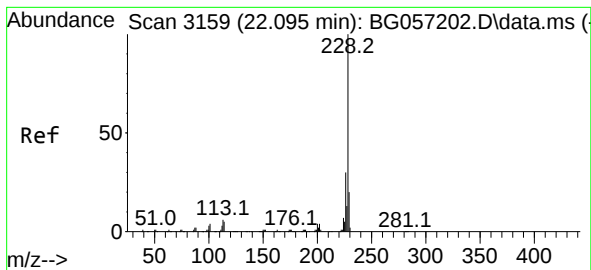
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.646 ng
RT: 21.898 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

Tgt Ion:252 Resp: 126571
Ion Ratio Lower Upper
252 100
254 65.6 51.4 77.0
126 6.8 5.9 8.9





#83

Chrysene

Concen: 40.521 ng

RT: 22.068 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 370659

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

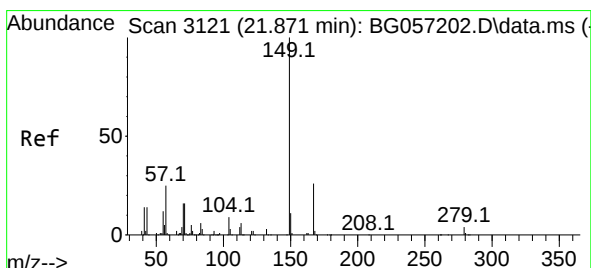
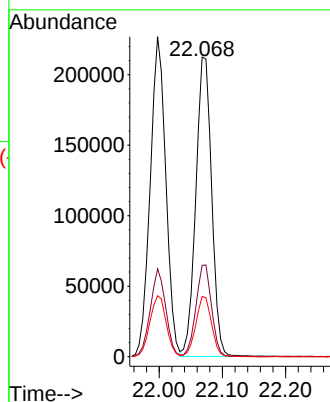
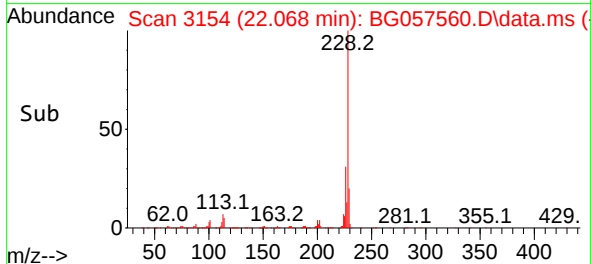
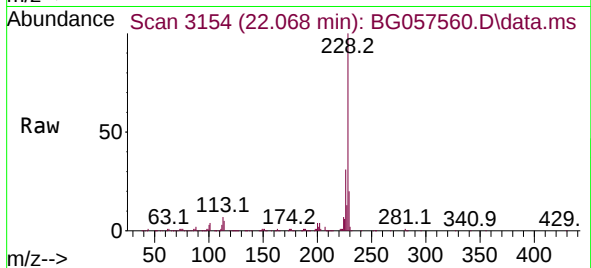
229 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.795 ng

RT: 21.839 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

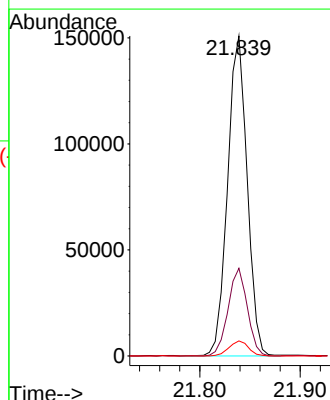
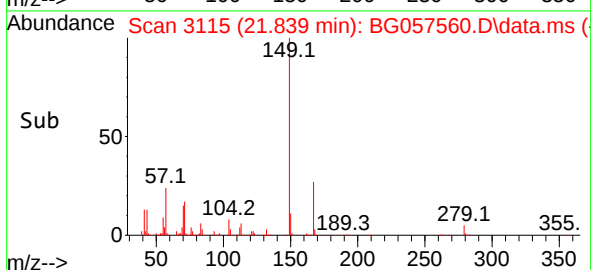
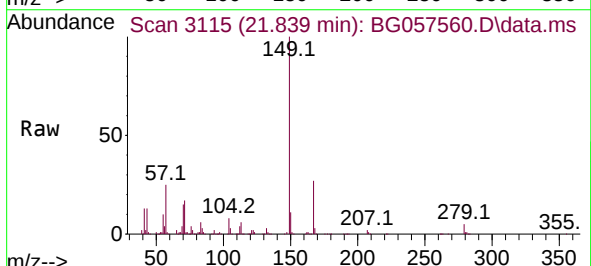
Tgt Ion:149 Resp: 203863

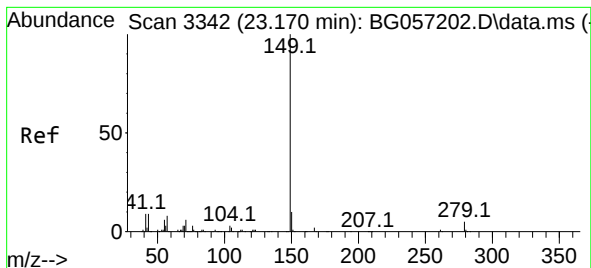
Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 43.411 ng

RT: 23.131 min Scan# 3342

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 33689

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

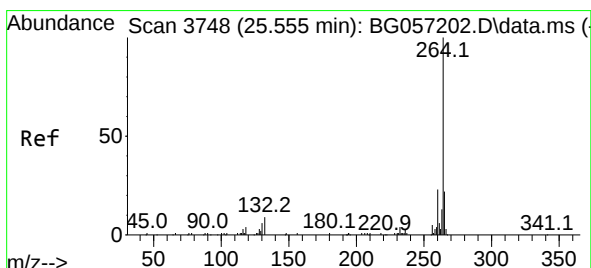
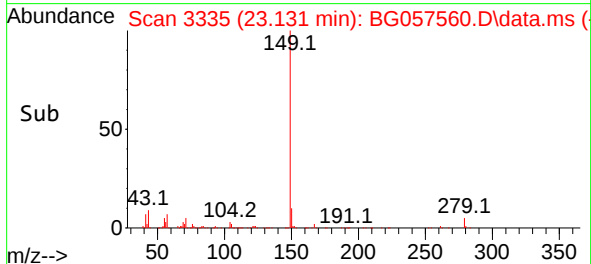
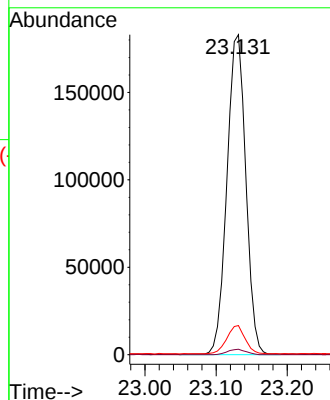
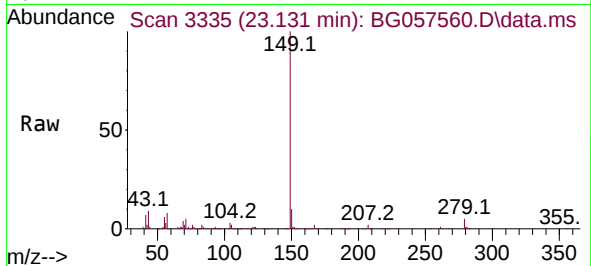
43 8.5 7.8 11.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.522 min Scan# 3742

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

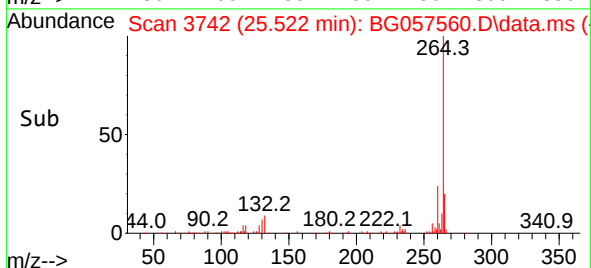
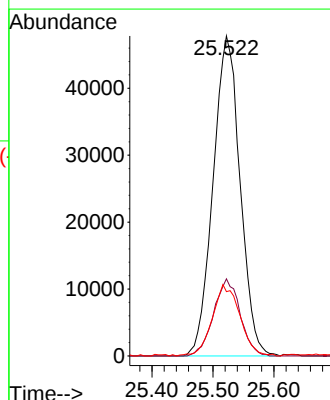
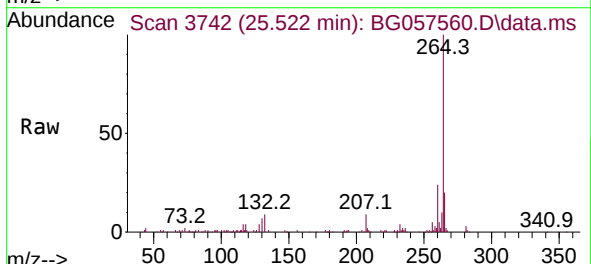
Tgt Ion:264 Resp: 147060

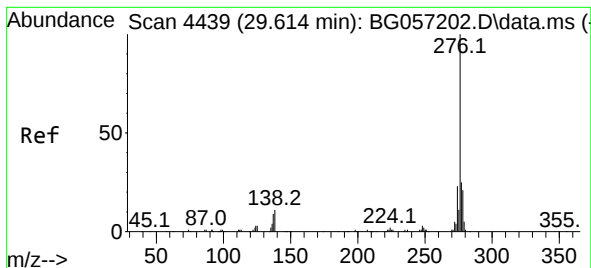
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 20.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.690 ng

RT: 29.581 min Scan# 4439

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 425394

Ion Ratio Lower Upper

276 100

138 0.0 5.4 8.0

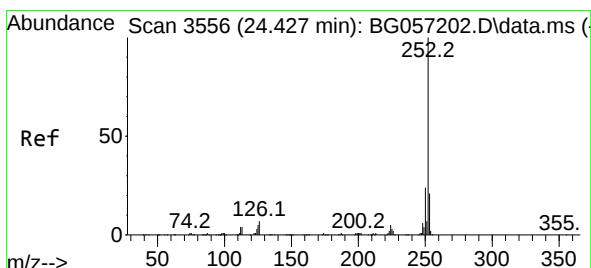
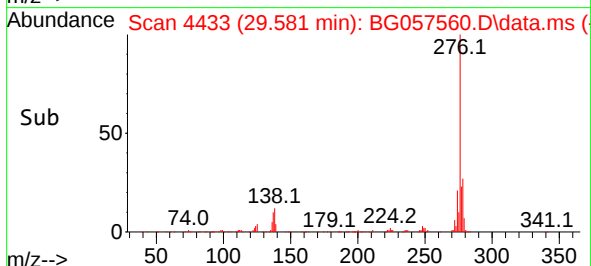
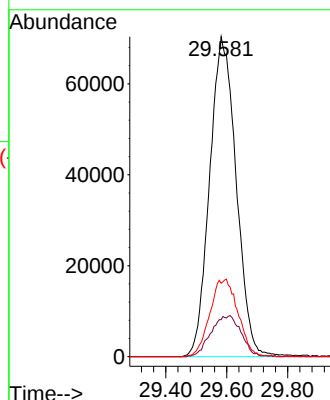
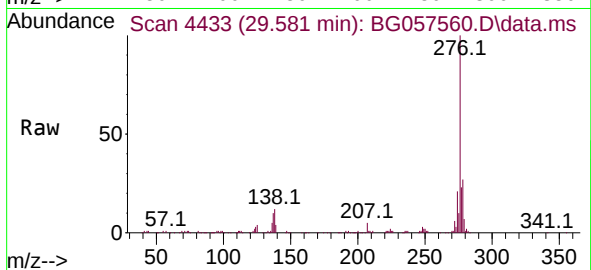
277 11.2 20.6 30.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#88

Benzo(b)fluoranthene

Concen: 38.320 ng

RT: 24.400 min Scan# 3551

Delta R.T. 0.000 min

Lab File: BG057560.D

Acq: 25 May 2023 16:22

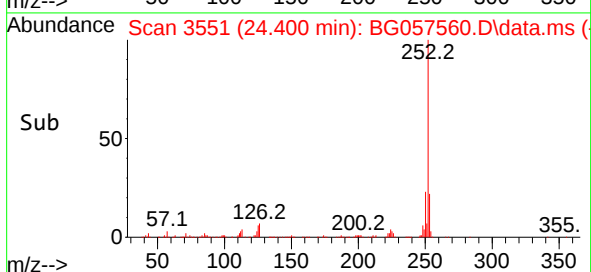
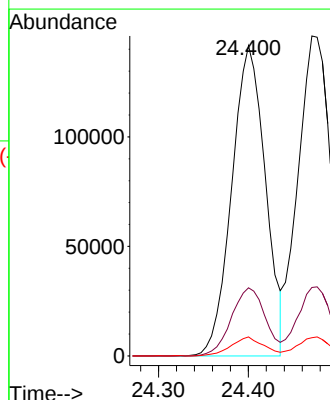
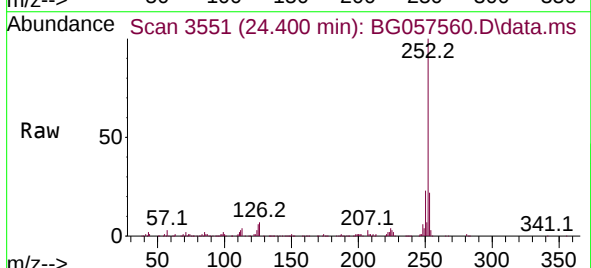
Tgt Ion:252 Resp: 368379

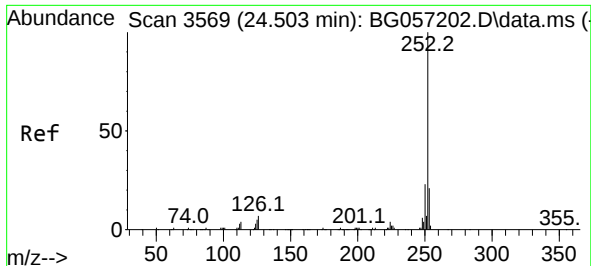
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

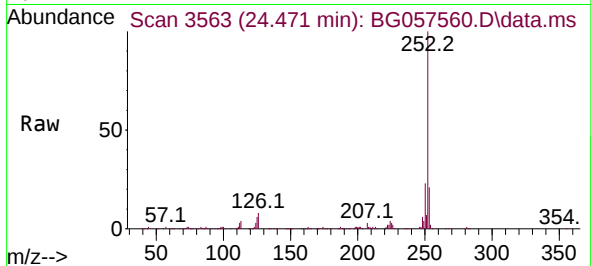
125 6.1 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 38.224 ng
RT: 24.471 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

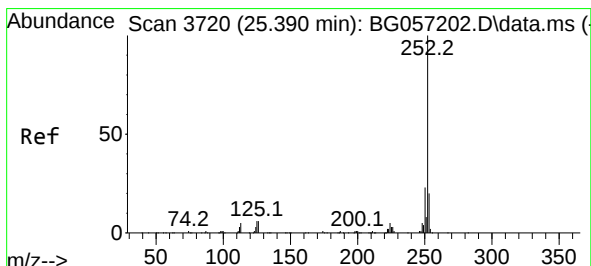
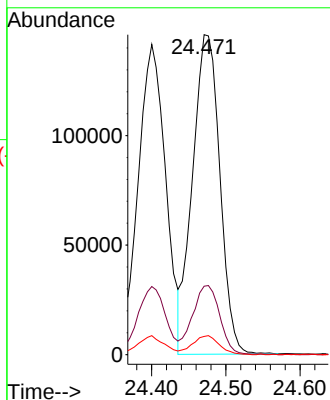
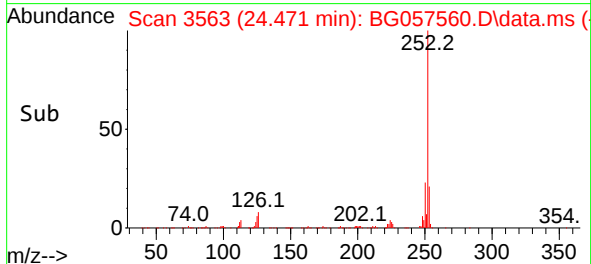
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



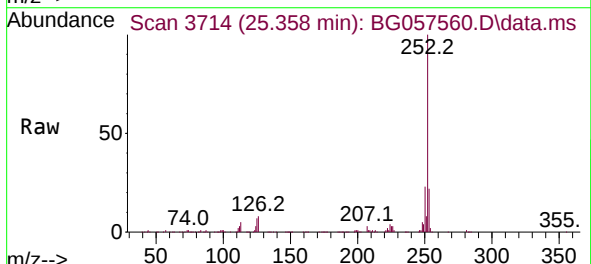
Tgt Ion:252 Resp: 37340
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 5.7 4.1 6.1

Manual Integrations
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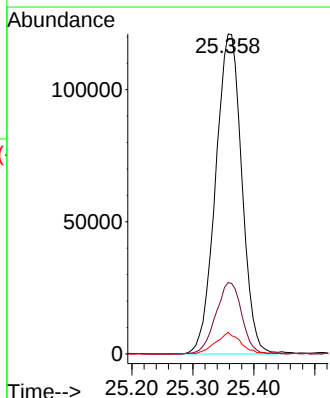
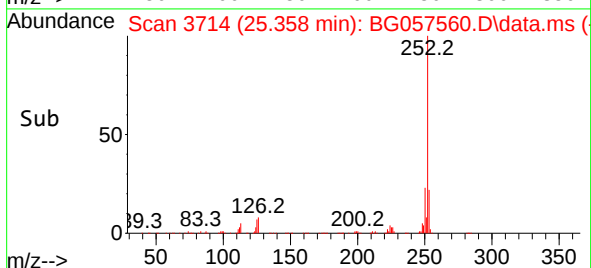
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

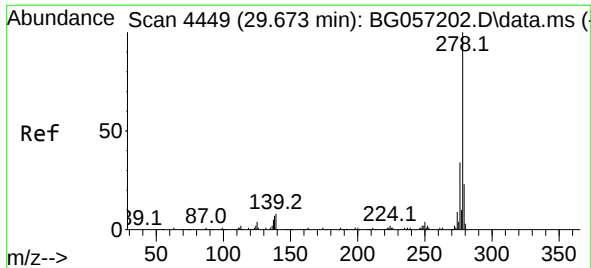


#90
Benzo(a)pyrene
Concen: 38.436 ng
RT: 25.358 min Scan# 3714
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



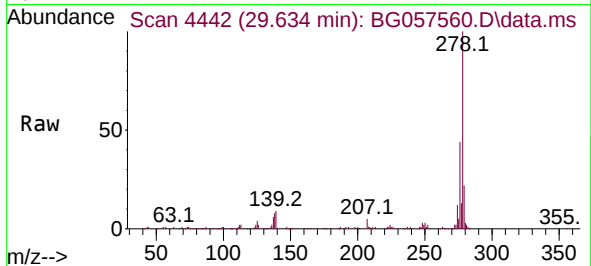
Tgt Ion:252 Resp: 360980
Ion Ratio Lower Upper
252 100
253 22.3 16.3 24.5
125 6.7 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 39.861 ng
RT: 29.634 min Scan# 4442
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22

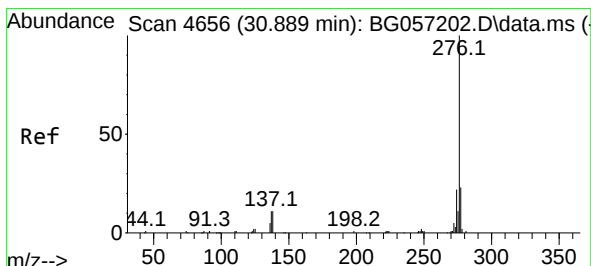
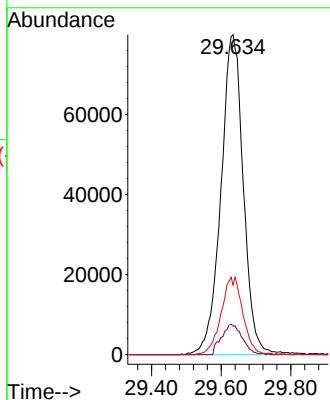
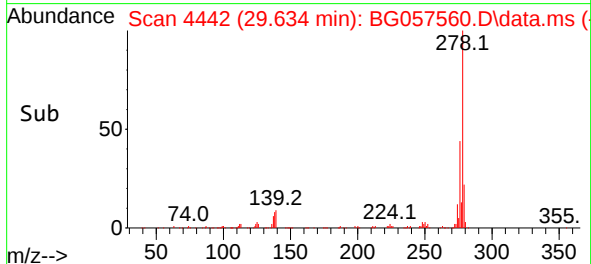
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



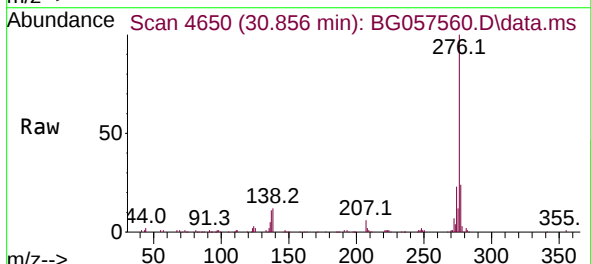
Tgt Ion:278 Resp: 35578
Ion Ratio Lower Upper
278 100
139 8.9 6.2 9.2
279 21.8 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#92
Benzo(g,h,i)perylene
Concen: 40.316 ng
RT: 30.856 min Scan# 4650
Delta R.T. 0.000 min
Lab File: BG057560.D
Acq: 25 May 2023 16:22



Tgt Ion:276 Resp: 351367
Ion Ratio Lower Upper
276 100
277 24.0 18.4 27.6
138 12.2 9.0 13.4

