

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
 Data File : BG057459.D
 Acq On : 18 May 2023 15:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/19/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 18 16:22:09 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 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	18449	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	74496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	56813	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	139456	20.000	ng	0.00
76) Chrysene-d12	22.025	240	128312	20.000	ng	0.00
86) Perylene-d12	25.532	264	139618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	87220	80.871	ng	0.00
7) Phenol-d6	7.497	99	133806	81.701	ng	0.00
23) Nitrobenzene-d5	9.542	82	135509	76.345	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	68708	85.233	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	346408	82.119	ng	0.00
79) Terphenyl-d14	20.286	244	608629	77.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	17423	39.071	ng	97
3) Pyridine	4.096	79	56949	39.739	ng	97
4) n-Nitrosodimethylamine	4.008	42	24023	35.671	ng	84
6) Aniline	7.668	93	81597	39.274	ng	96
8) 2-Chlorophenol	7.915	128	46406	40.720	ng	99
9) Benzaldehyde	7.486	77	31512	35.495	ng	96
10) Phenol	7.527	94	63584	39.827	ng	97
11) bis(2-Chloroethyl)ether	7.756	93	46885	38.945	ng	97
12) 1,3-Dichlorobenzene	8.249	146	50827	40.410	ng	96
13) 1,4-Dichlorobenzene	8.396	146	52015	41.170	ng	98
14) 1,2-Dichlorobenzene	8.719	146	48897	40.090	ng	100
15) Benzyl Alcohol	8.596	79	51121	37.469	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.878	45	55931	36.861	ng	98
17) 2-Methylphenol	8.796	107	46721	40.597	ng	99
18) Hexachloroethane	9.454	117	17921	39.306	ng	98
19) n-Nitroso-di-n-propyla...	9.160	70	46060	36.883	ng	96
20) 3+4-Methylphenols	9.125	107	65764	41.733	ng	97
22) Acetophenone	9.189	105	81945	38.433	ng	# 95
24) Nitrobenzene	9.583	77	66286	37.000	ng	96
25) Isophorone	10.100	82	125301	36.406	ng	99
26) 2-Nitrophenol	10.300	139	28923	42.178	ng	96
27) 2,4-Dimethylphenol	10.341	122	48738	40.590	ng	98
28) bis(2-Chloroethoxy)met...	10.576	93	65886	38.211	ng	97
29) 2,4-Dichlorophenol	10.840	162	54716	42.964	ng	96
30) 1,2,4-Trichlorobenzene	11.057	180	58686	39.952	ng	99
31) Naphthalene	11.251	128	159380	40.019	ng	98
32) Benzoic acid	10.482	122	24076	36.071	ng	95
33) 4-Chloroaniline	11.351	127	72594	40.588	ng	97
34) Hexachlorobutadiene	11.521	225	42777	39.247	ng	98
35) Caprolactam	12.121	113	16716	38.425	ng	95
36) 4-Chloro-3-methylphenol	12.450	107	59308	40.979	ng	95
37) 2-Methylnaphthalene	12.826	142	127980	40.871	ng	93
38) 1-Methylnaphthalene	13.049	142	119771	40.580	ng	99
40) 1,2,4,5-Tetrachloroben...	13.190	216	85991	42.635	ng	98
41) Hexachlorocyclopentadiene	13.160	237	38302	42.694	ng	99
43) 2,4,6-Trichlorophenol	13.425	196	52071	42.376	ng	95

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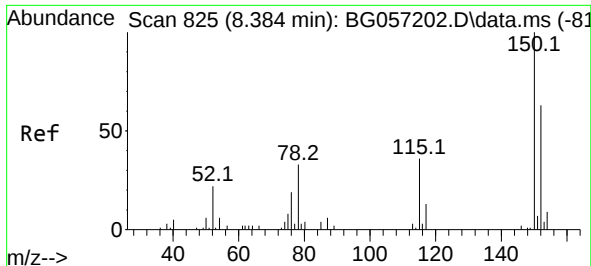
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	59466	41.142	ng	97
46) 1,1'-Biphenyl	13.812	154	171634	40.713	ng	99
47) 2-Chloronaphthalene	13.865	162	129401	41.277	ng	99
48) 2-Nitroaniline	14.065	65	41570	38.999	ng	94
49) Acenaphthylene	14.705	152	210334	41.298	ng	99
50) Dimethylphthalate	14.412	163	180996	38.768	ng	99
51) 2,6-Dinitrotoluene	14.547	165	39997	41.960	ng	91
52) Acenaphthene	15.040	154	129065	40.554	ng	100
53) 3-Nitroaniline	14.882	138	38783	40.612	ng	86
54) 2,4-Dinitrophenol	15.099	184	18446	34.244	ng	97
55) Dibenzofuran	15.369	168	218117	40.790	ng	99
56) 4-Nitrophenol	15.181	139	24974	39.321	ng	93
57) 2,4-Dinitrotoluene	15.334	165	56171	41.232	ng	90
58) Fluorene	16.015	166	180199	40.912	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.598	232	55691m	42.499	ng	
60) Diethylphthalate	15.757	149	180964	38.168	ng	99
61) 4-Chlorophenyl-phenyle...	15.998	204	106201	40.024	ng	98
62) 4-Nitroaniline	16.039	138	39765	41.277	ng	97
63) Azobenzene	16.291	77	167036	36.514	ng	95
65) 4,6-Dinitro-2-methylph...	16.098	198	36438	43.764	ng	99
66) n-Nitrosodiphenylamine	16.209	169	154041	40.670	ng	100
67) 4-Bromophenyl-phenylether	16.891	248	70799	41.588	ng	98
68) Hexachlorobenzene	17.026	284	70115	42.382	ng	97
69) Atrazine	17.143	200	59649	41.284	ng	98
70) Pentachlorophenol	17.366	266	35002	36.712	ng	98
71) Phenanthrene	17.760	178	290182	40.608	ng	99
72) Anthracene	17.848	178	295267	40.269	ng	98
73) Carbazole	18.118	167	248191	40.207	ng	99
74) Di-n-butylphthalate	18.635	149	289124	40.709	ng	98
75) Fluoranthene	19.751	202	358317	40.316	ng	99
77) Benzidine	19.916	184	146474	51.061	ng	98
78) Pyrene	20.110	202	365288	39.177	ng	99
80) Butylbenzylphthalate	20.962	149	127341	43.044	ng	96
81) Benzo(a)anthracene	22.007	228	366333	40.072	ng	99
82) 3,3'-Dichlorobenzidine	21.902	252	121474	41.485	ng	97
83) Chrysene	22.078	228	341621	39.717	ng	100
84) Bis(2-ethylhexyl)phtha...	21.849	149	181510	41.468	ng	99
85) Di-n-octyl phthalate	23.141	149	304348	41.707	ng	97
87) Indeno(1,2,3-cd)pyrene	29.585	276	407275	40.025	ng	# 98
88) Benzo(b)fluoranthene	24.404	252	365544	40.052	ng	99
89) Benzo(k)fluoranthene	24.480	252	350110	37.750	ng	99
90) Benzo(a)pyrene	25.362	252	349584	39.206	ng	98
91) Dibenzo(a,h)anthracene	29.638	278	337320	39.806	ng	98
92) Benzo(g,h,i)perylene	30.854	276	335467	40.543	ng	99

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



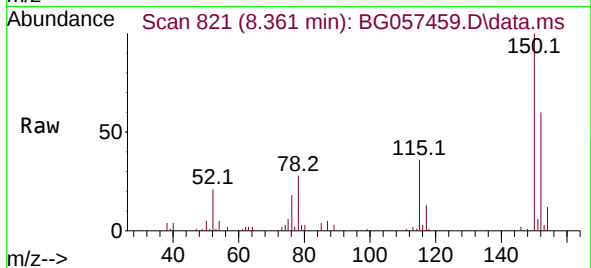
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

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SSTDCCC040EC

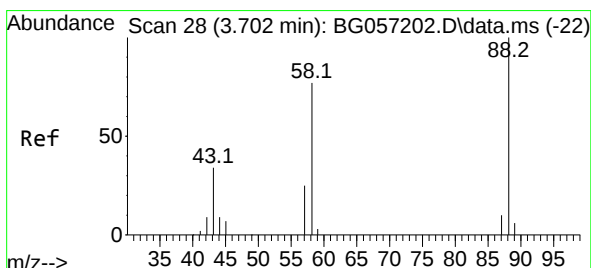
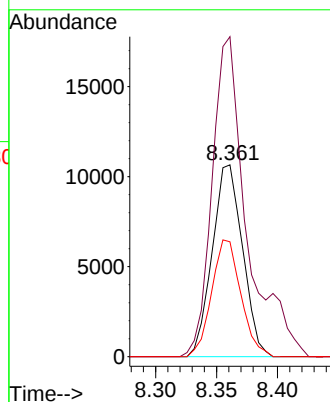
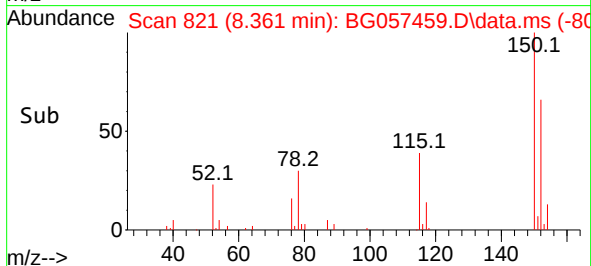


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Ion Ratio Lower Upper
152 100
150 166.8 126.2 189.4
115 59.9 45.0 67.4

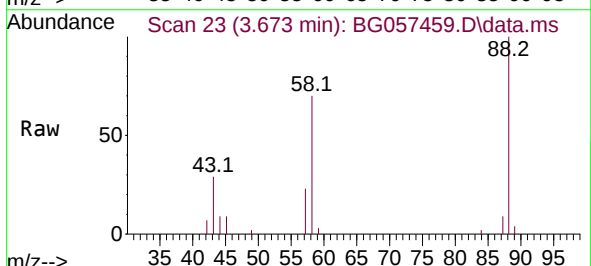
Manual Integrations

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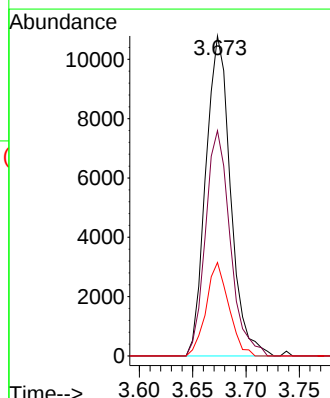
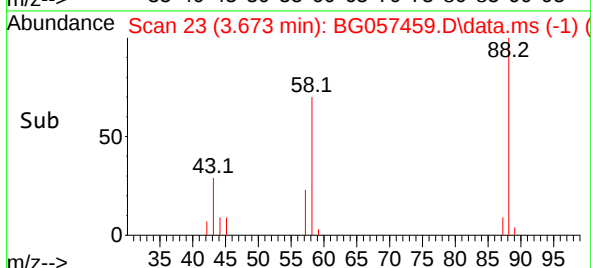
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#2
1,4-Dioxane
Concen: 39.071 ng
RT: 3.673 min Scan# 23
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion: 88 Resp: 17423
Ion Ratio Lower Upper
88 100
58 70.2 57.1 85.7
43 26.6 24.4 36.6





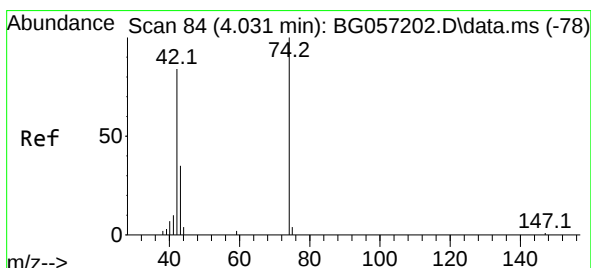
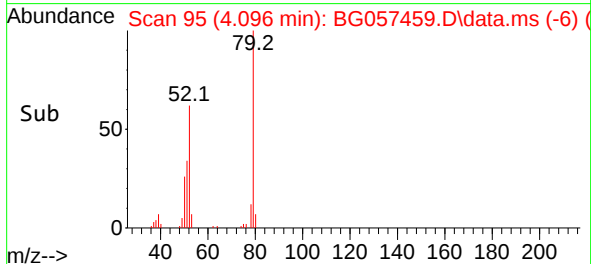
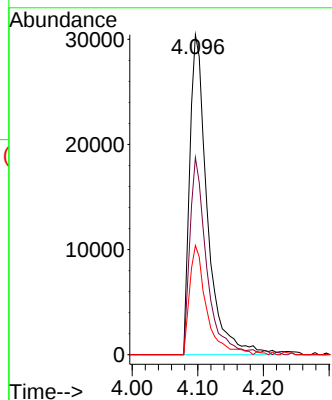
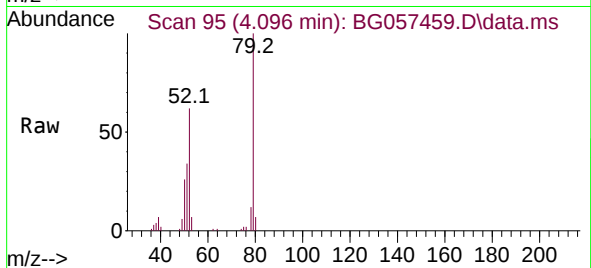
#3
Pyridine
Concen: 39.739 ng
RT: 4.096 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :
BNA_G
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Tgt Ion: 79 Resp: 56949
Ion Ratio Lower Upper
79 100
52 61.6 51.4 77.0
51 34.2 28.0 42.0

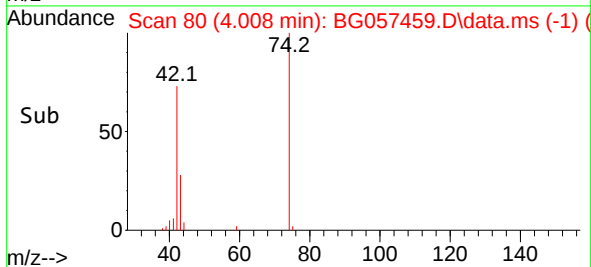
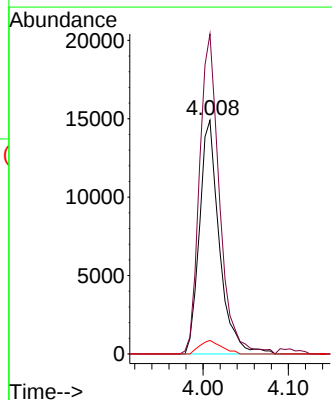
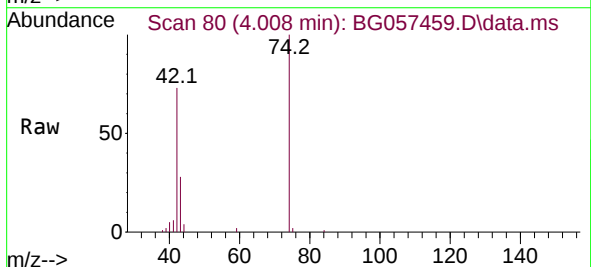
Manual Integrations
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Supervised By :Jagrut Upadhyay 05/22/2023



#4
n-Nitrosodimethylamine
Concen: 35.671 ng
RT: 4.008 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion: 42 Resp: 24023
Ion Ratio Lower Upper
42 100
74 137.0 95.1 142.7
44 5.9 5.8 8.8





#5
2-Fluorophenol
Concen: 80.871 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

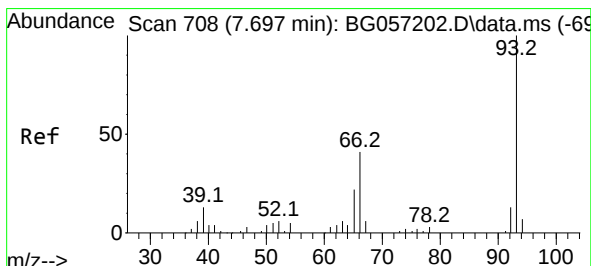
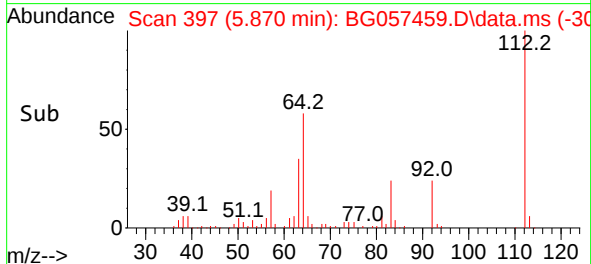
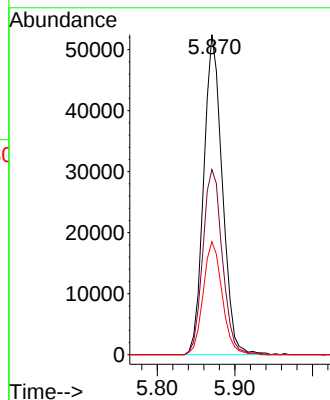
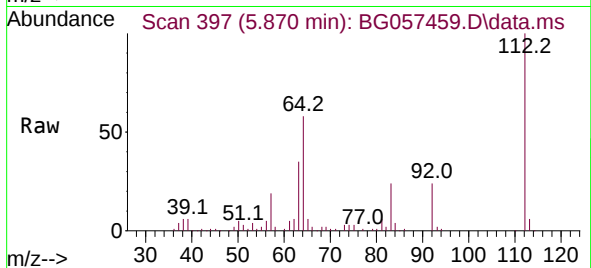
SSTDCCC040EC

Tgt Ion:112 Resp: 87220
Ion Ratio Lower Upper
112 100
64 57.9 49.4 74.2
63 35.3 31.6 47.4

Manual Integrations

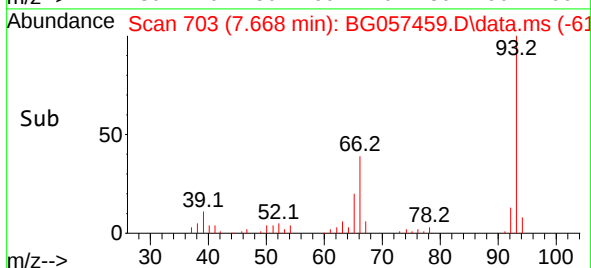
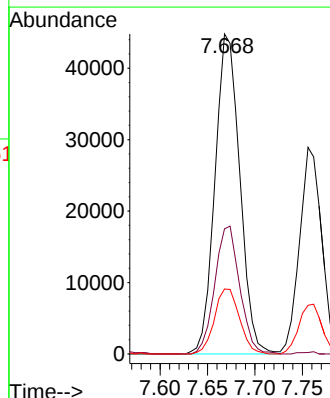
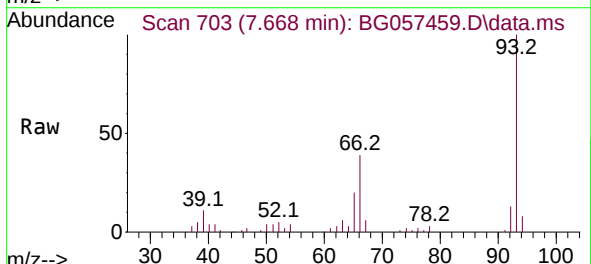
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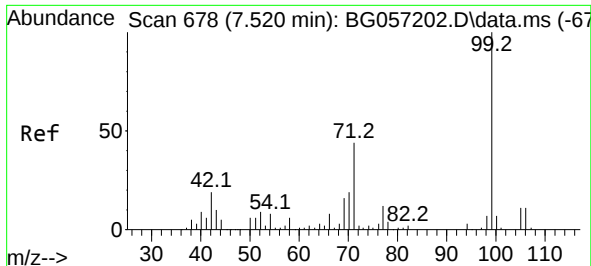
Reviewed By :Christian Giraldo 05/19/2023
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#6
Aniline
Concen: 39.274 ng
RT: 7.668 min Scan# 703
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion: 93 Resp: 81597
Ion Ratio Lower Upper
93 100
66 39.1 33.0 49.6
65 20.3 18.0 27.0





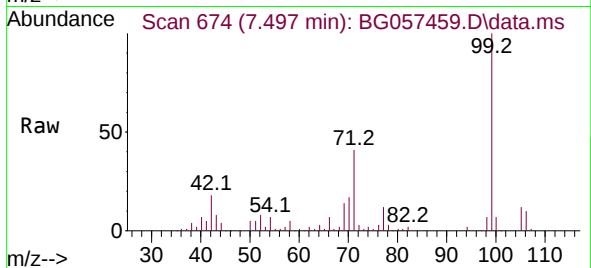
#7
Phenol-d6
Concen: 81.701 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

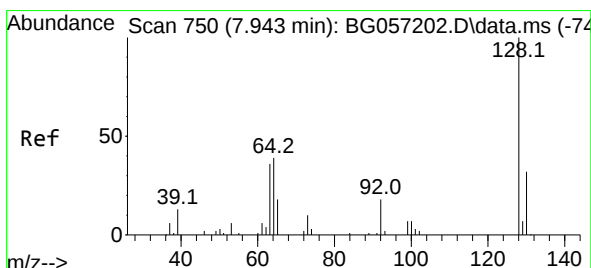
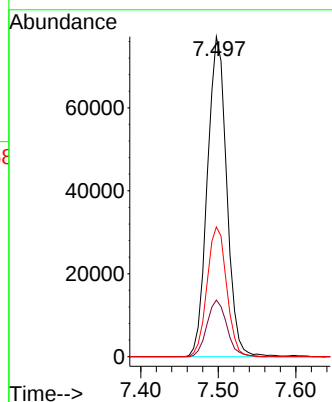
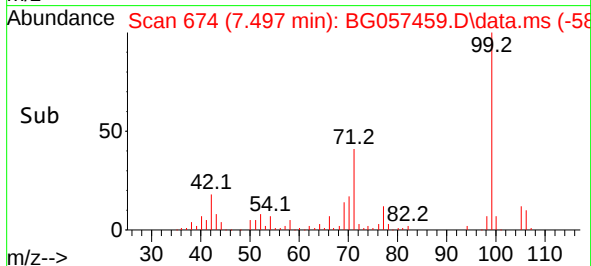


Tgt Ion: 99 Resp: 133800
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 40.5 35.2 52.8

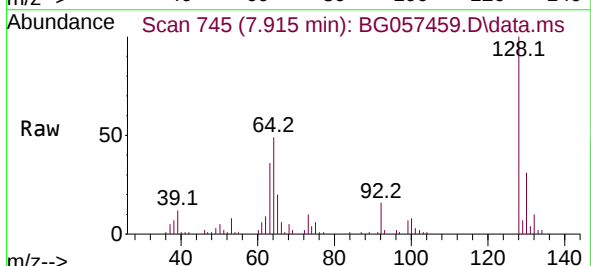
Manual Integrations

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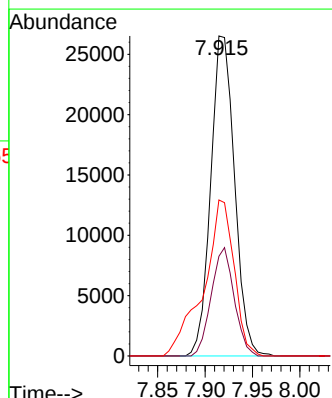
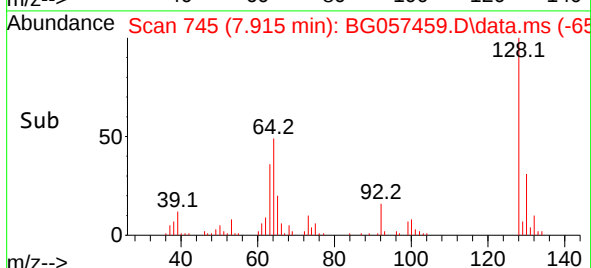
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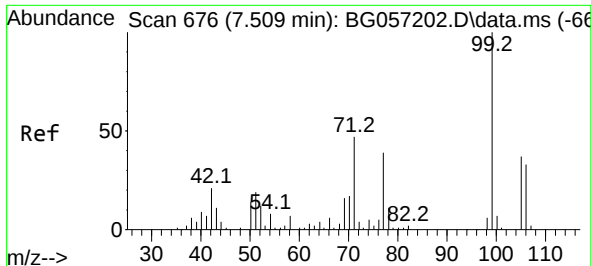


#8
2-Chlorophenol
Concen: 40.720 ng
RT: 7.915 min Scan# 745
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:128 Resp: 46406
Ion Ratio Lower Upper
128 100
130 31.1 12.2 52.2
64 48.7 28.4 68.4





#9
Benzaldehyde
Concen: 35.495 ng
RT: 7.486 min Scan# 612
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

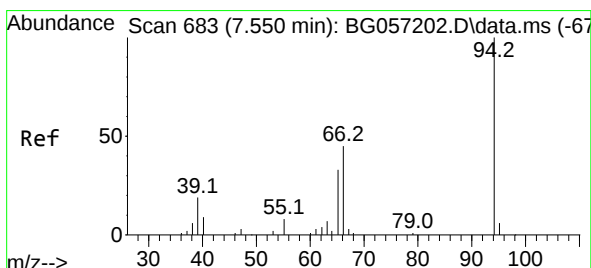
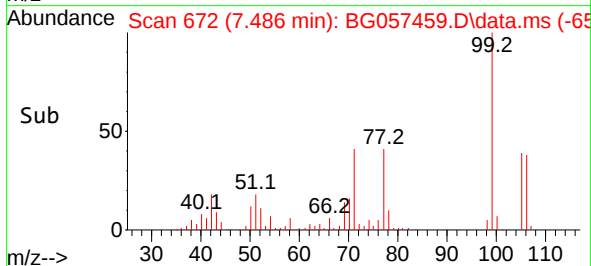
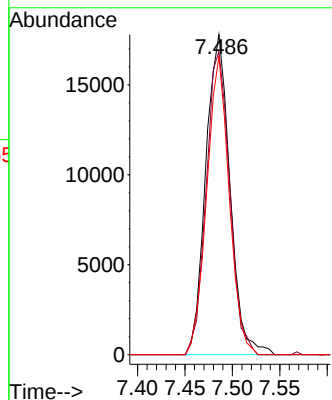
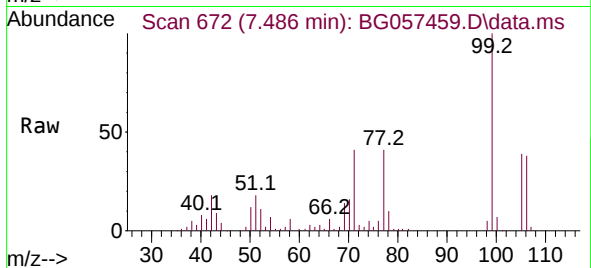
SSTDCCC040EC

Tgt Ion: 77 Resp: 31512
Ion Ratio Lower Upper
77 100
105 94.7 74.6 114.6
106 93.2 66.3 106.3

Manual Integrations

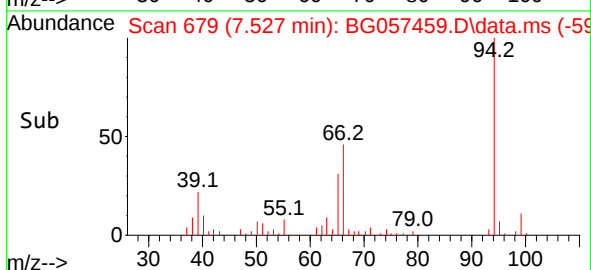
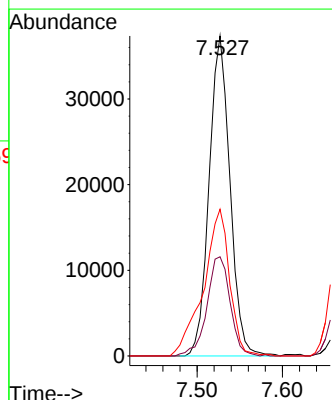
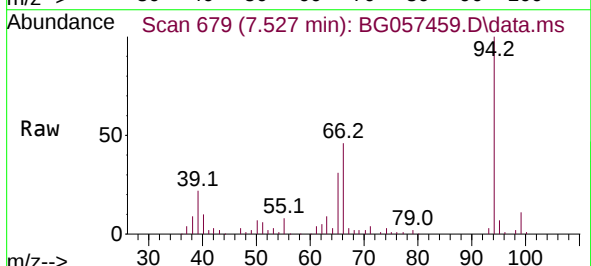
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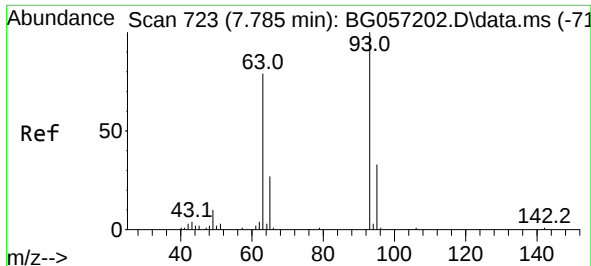
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#10
Phenol
Concen: 39.827 ng
RT: 7.527 min Scan# 679
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion: 94 Resp: 63584
Ion Ratio Lower Upper
94 100
65 31.0 13.5 53.5
66 45.9 26.7 66.7





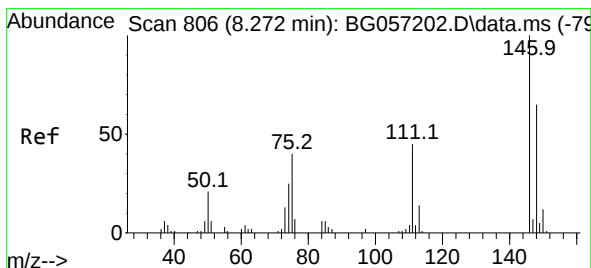
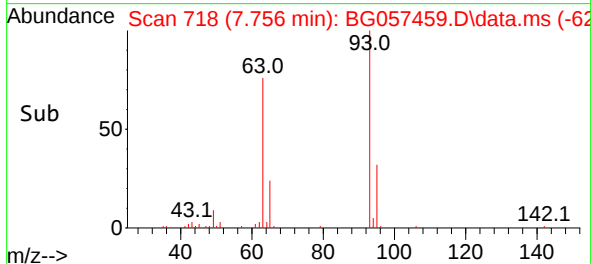
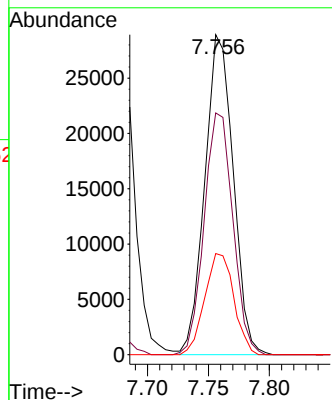
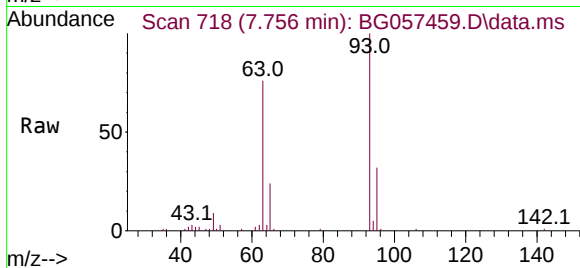
#11
bis(2-Chloroethyl)ether
Concen: 38.945 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 4688
Ion Ratio Lower Upper
93 100
63 75.6 58.6 98.6
95 31.6 12.2 52.2

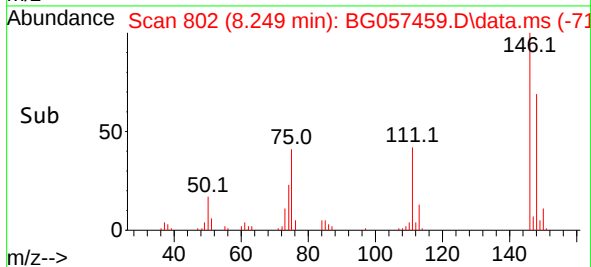
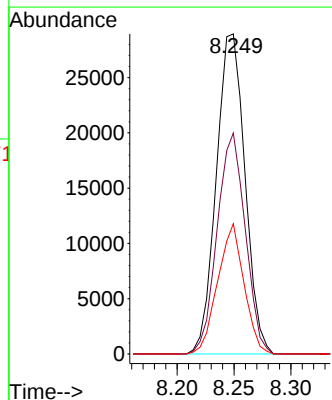
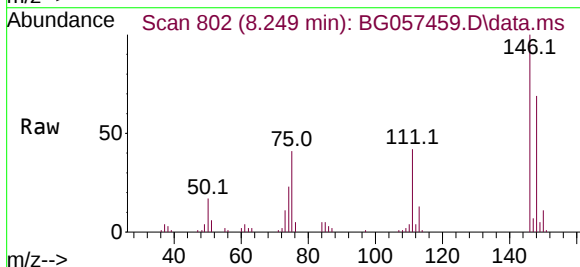
Manual Integrations
APPROVED

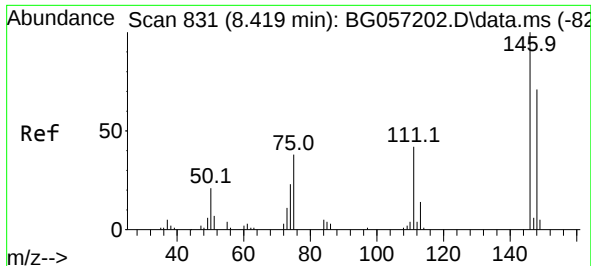
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#12
1,3-Dichlorobenzene
Concen: 40.410 ng
RT: 8.249 min Scan# 802
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:146 Resp: 50827
Ion Ratio Lower Upper
146 100
148 69.1 52.2 78.2
75 40.7 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 41.170 ng

RT: 8.396 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG057459.D

Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

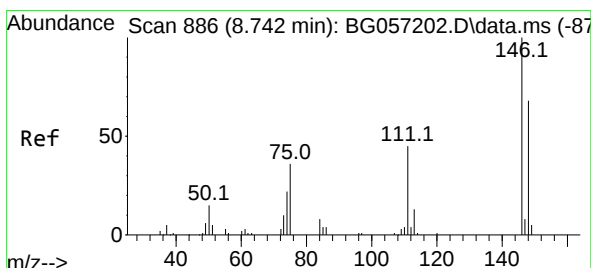
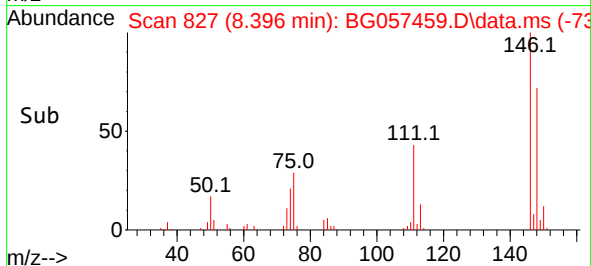
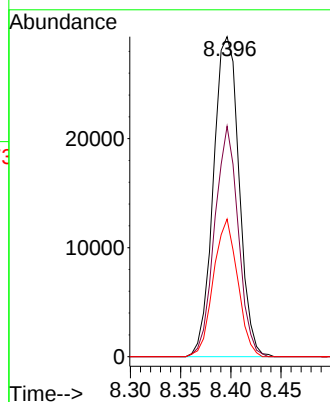
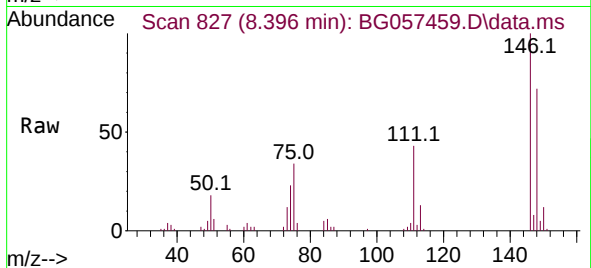
SSTDCCC040EC

Tgt Ion:146 Resp: 52015
 Ion Ratio Lower Upper
 146 100
 148 72.0 56.4 84.6
 111 43.0 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#14

1,2-Dichlorobenzene

Concen: 40.090 ng

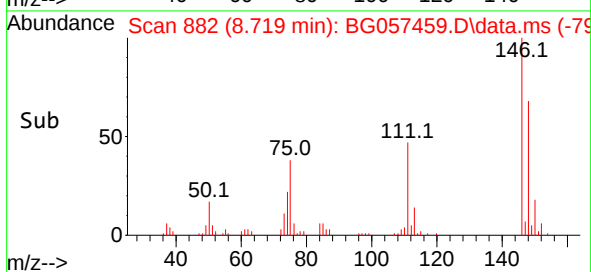
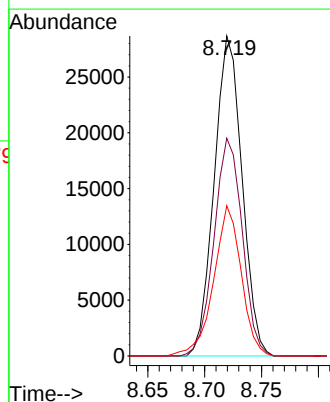
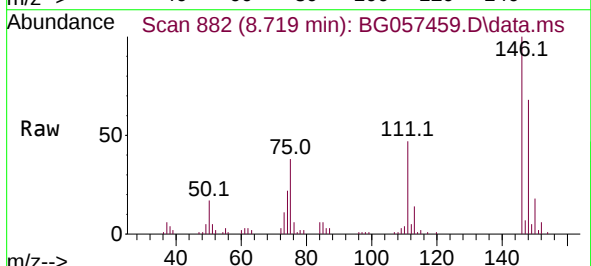
RT: 8.719 min Scan# 882

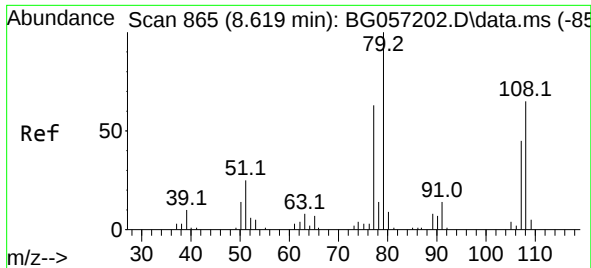
Delta R.T. -0.008 min

Lab File: BG057459.D

Acq: 18 May 2023 15:13

Tgt Ion:146 Resp: 48897
 Ion Ratio Lower Upper
 146 100
 148 68.0 54.6 82.0
 111 47.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 37.469 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

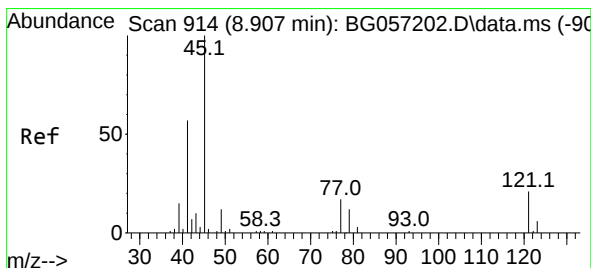
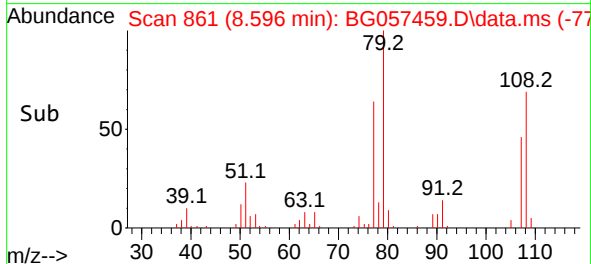
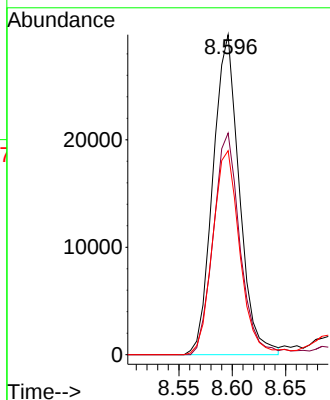
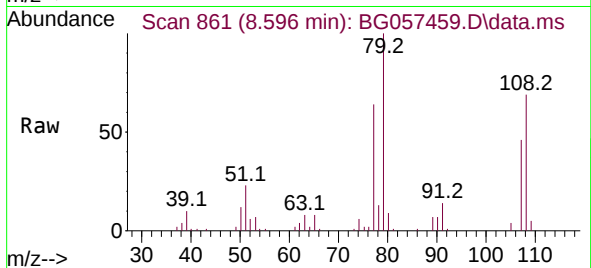
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 5112
Ion Ratio Lower Upper
79 100
108 69.2 52.2 78.2
77 63.8 50.1 75.1

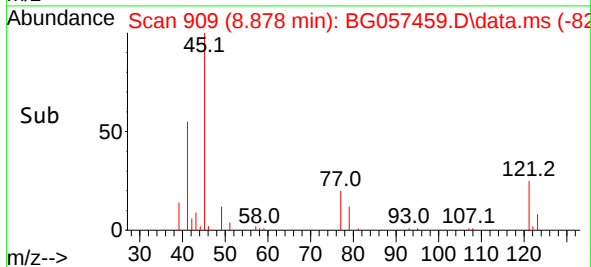
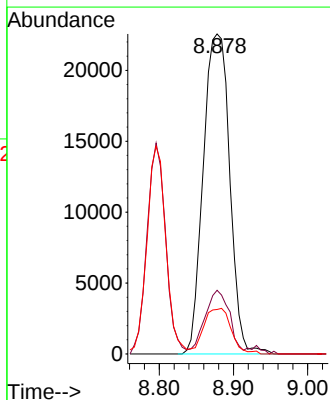
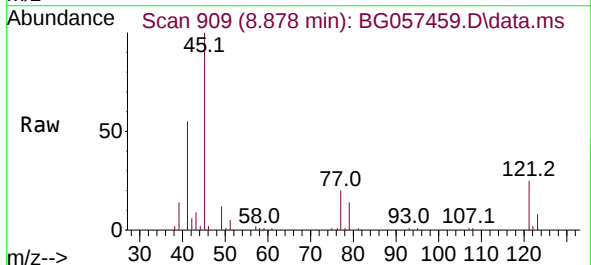
Manual Integrations
APPROVED

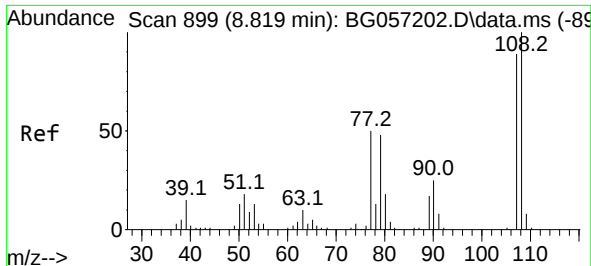
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.861 ng
RT: 8.878 min Scan# 909
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion: 45 Resp: 55931
Ion Ratio Lower Upper
45 100
77 19.9 0.0 38.5
79 13.9 0.0 33.8





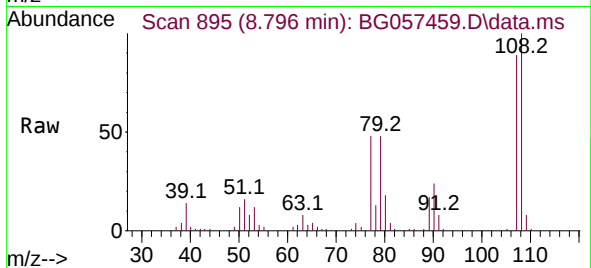
#17
2-Methylphenol
Concen: 40.597 ng
RT: 8.796 min Scan# 899
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

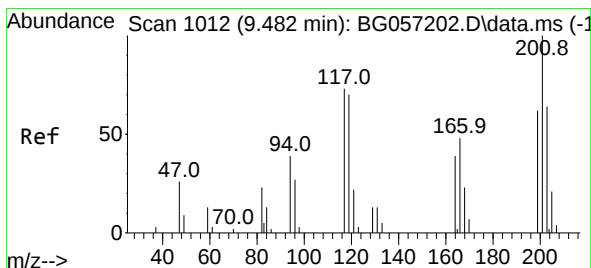
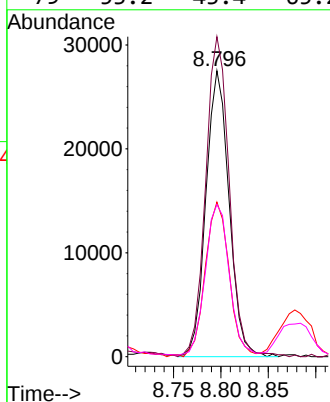
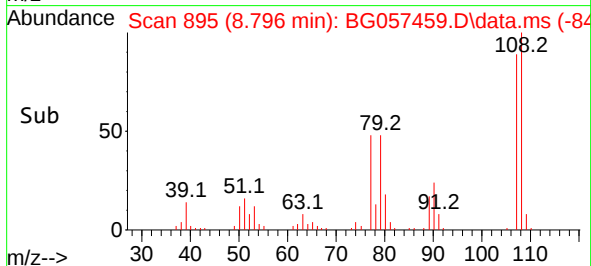


Tgt Ion:107 Resp: 4672
Ion Ratio Lower Upper
107 100
108 111.9 89.5 134.3
77 54.0 45.1 67.7
79 53.2 43.4 65.2

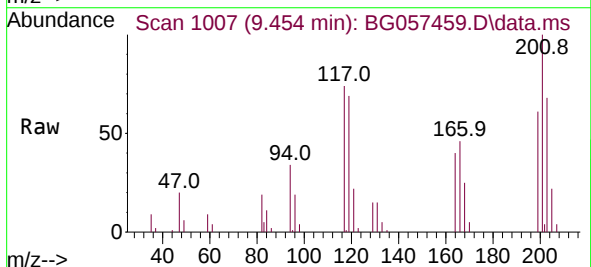
Manual Integrations

APPROVED

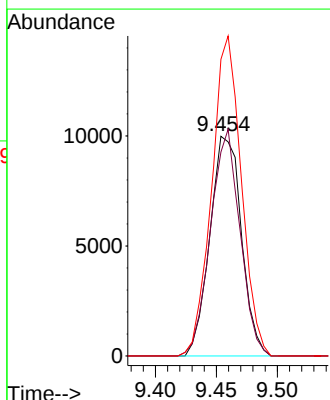
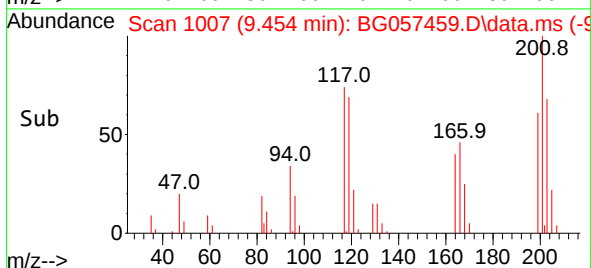
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

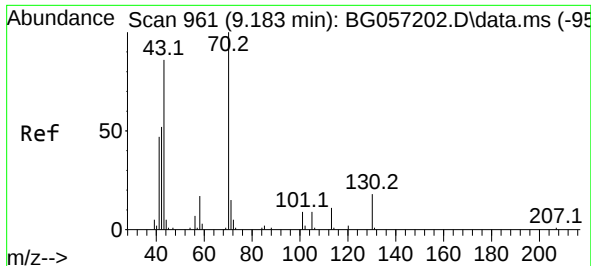


#18
Hexachloroethane
Concen: 39.306 ng
RT: 9.454 min Scan# 1007
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:117 Resp: 17921
Ion Ratio Lower Upper
117 100
119 92.8 76.7 115.1
201 135.1 109.0 163.4





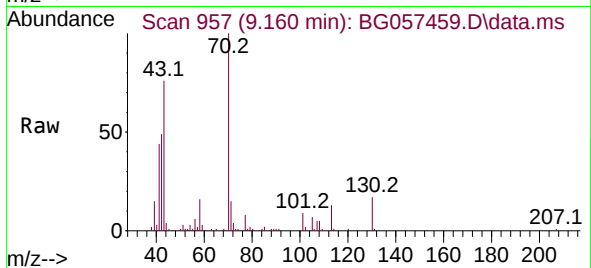
#19
n-Nitroso-di-n-propylamine
Concen: 36.883 ng
RT: 9.160 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

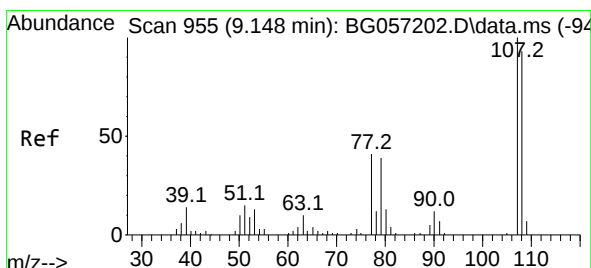
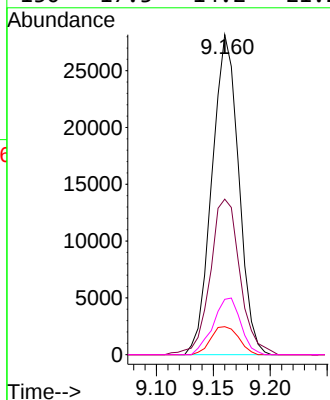
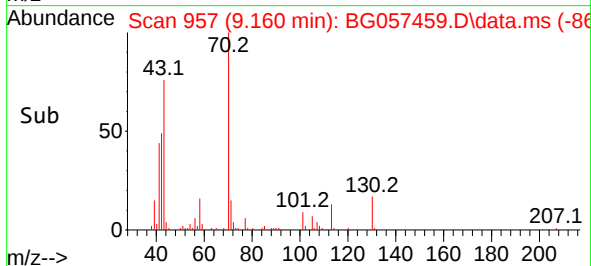


Tgt Ion: 70 Resp: 46060
Ion Ratio Lower Upper
70 100
42 48.6 41.8 62.8
101 8.8 6.8 10.2
130 17.3 14.2 21.2

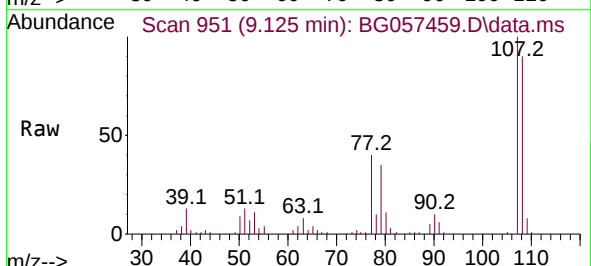
Manual Integrations

APPROVED

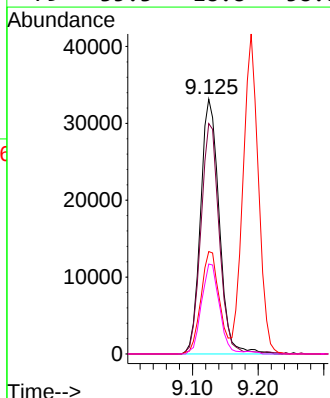
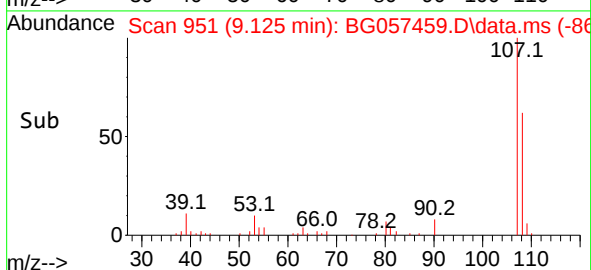
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

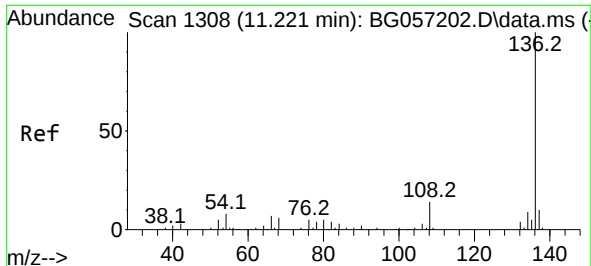


#20
3+4-Methylphenols
Concen: 41.733 ng
RT: 9.125 min Scan# 951
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:107 Resp: 65764
Ion Ratio Lower Upper
107 100
108 90.4 73.5 113.5
77 40.2 21.1 61.1
79 35.3 18.8 58.8





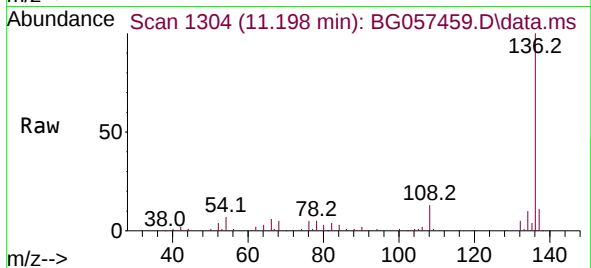
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 1304
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

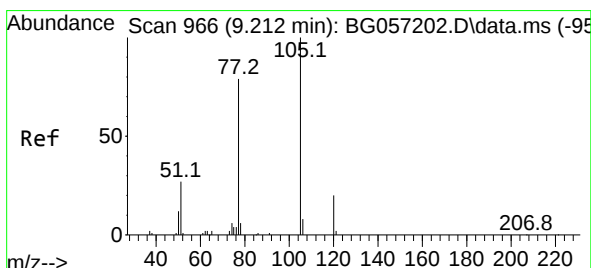
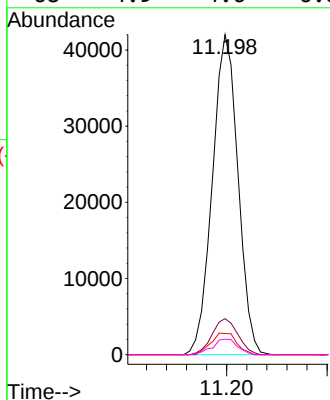
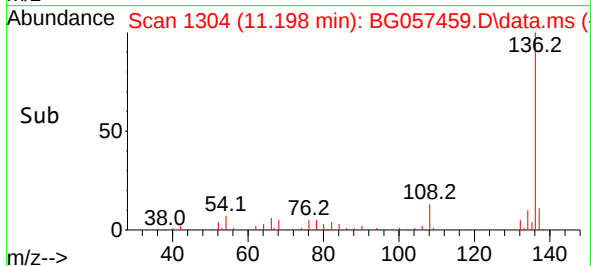


Tgt Ion:136 Resp: 74490
Ion Ratio Lower Upper
136 100
137 11.3 8.3 12.5
54 6.6 6.7 10.1
68 4.9 4.6 6.8

Manual Integrations

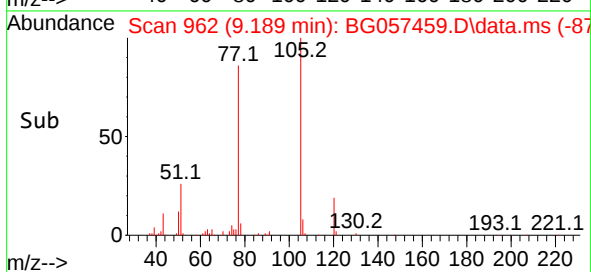
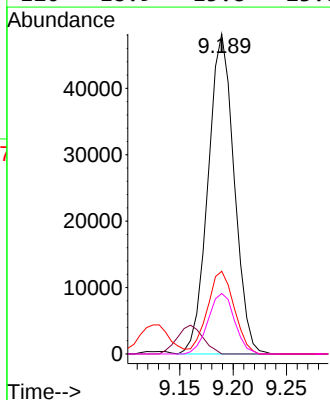
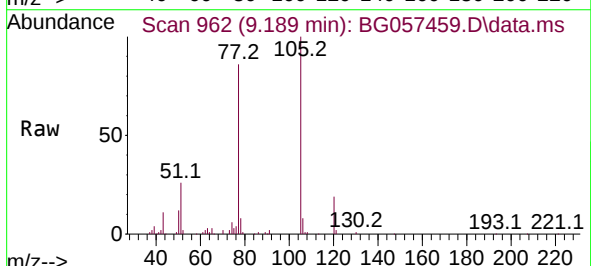
APPROVED

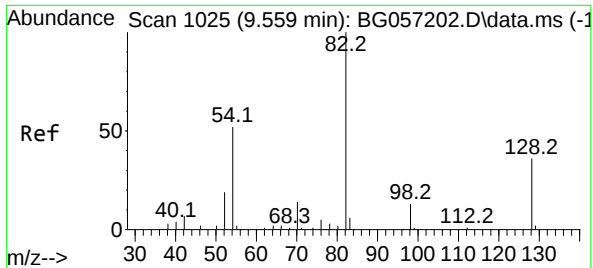
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#22
Acetophenone
Concen: 38.433 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:105 Resp: 81945
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6
51 25.9 24.0 36.0
120 18.9 15.8 23.8





#23
Nitrobenzene-d5
Concen: 76.345 ng
RT: 9.542 min Scan# 1022
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

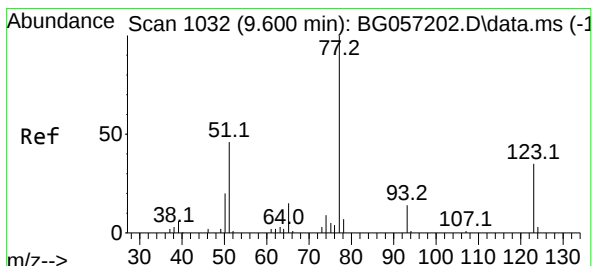
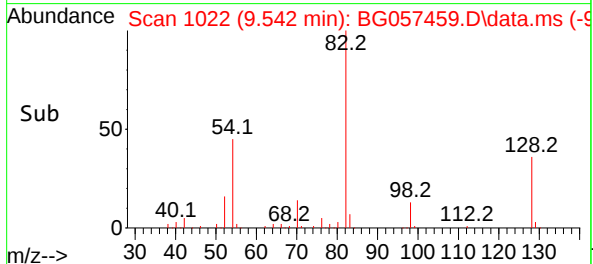
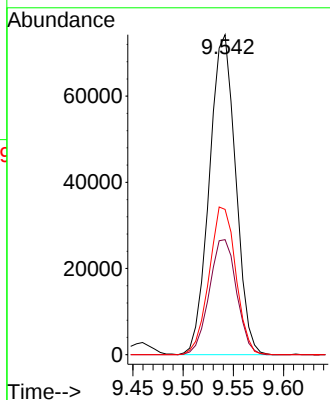
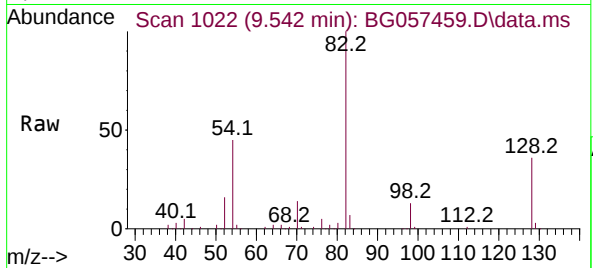
SSTDCCC040EC

Tgt Ion: 82 Resp: 135509
Ion Ratio Lower Upper
82 100
128 35.9 29.0 43.4
54 45.4 41.4 62.0

Manual Integrations

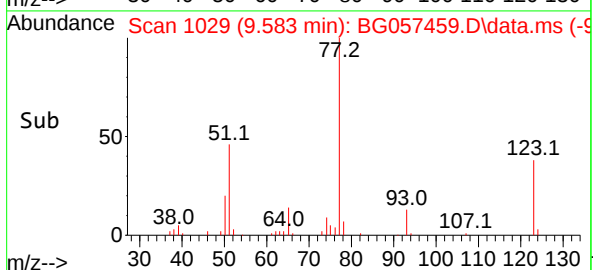
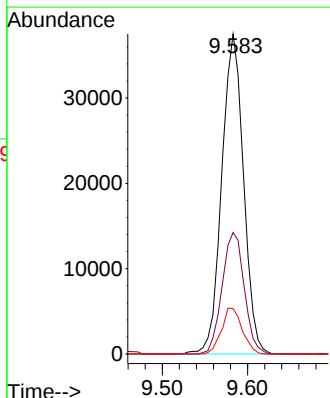
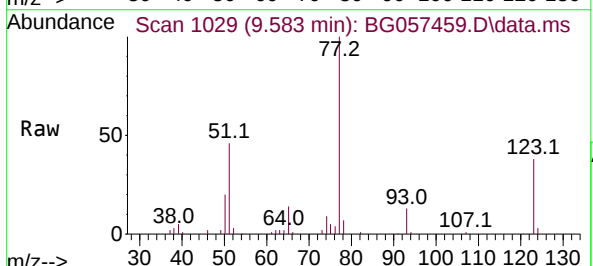
APPROVED

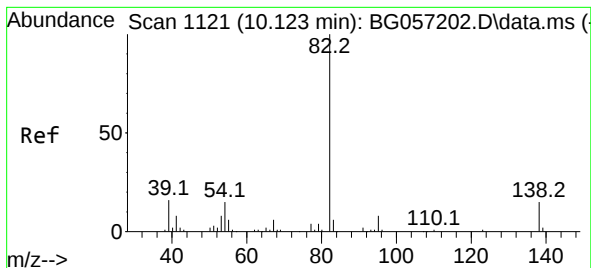
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#24
Nitrobenzene
Concen: 37.000 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion: 77 Resp: 66286
Ion Ratio Lower Upper
77 100
123 38.0 28.2 42.2
65 14.2 11.7 17.5





#25

Isophorone

Concen: 36.406 ng

RT: 10.100 min Scan# 1117

Delta R.T. -0.002 min

Lab File: BG057459.D

Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 12530

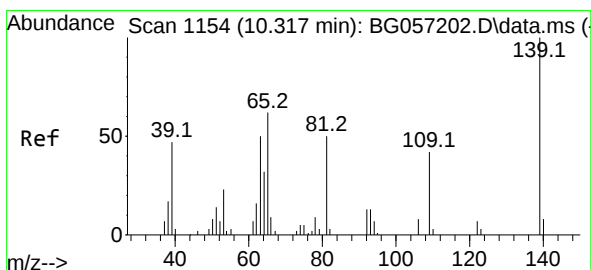
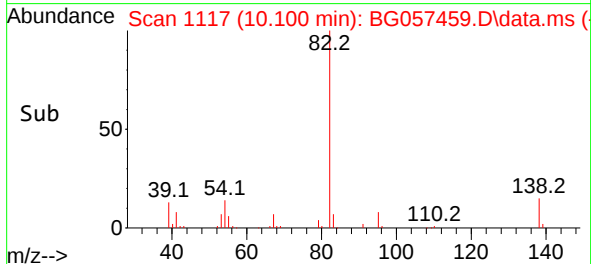
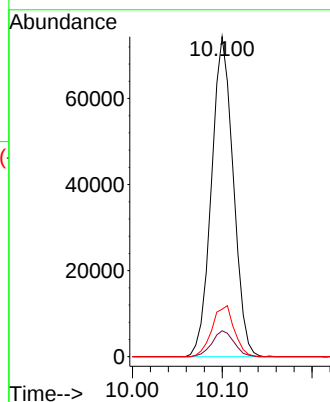
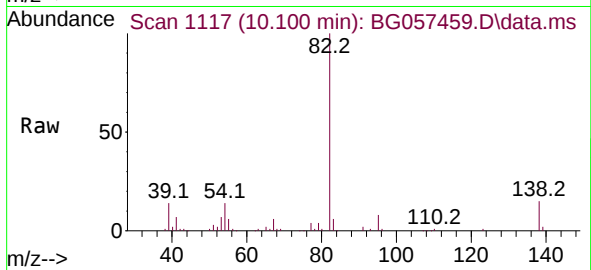
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	14.9	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#26

2-Nitrophenol

Concen: 42.178 ng

RT: 10.300 min Scan# 1151

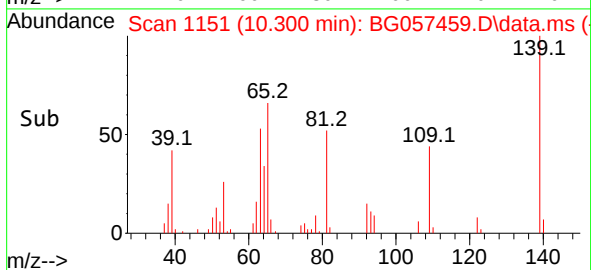
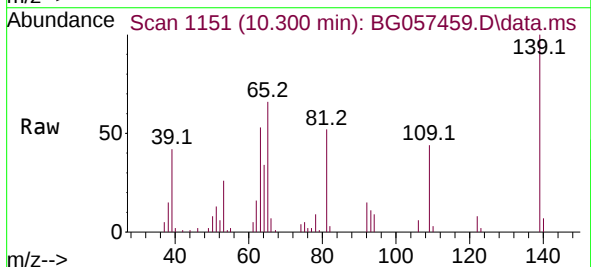
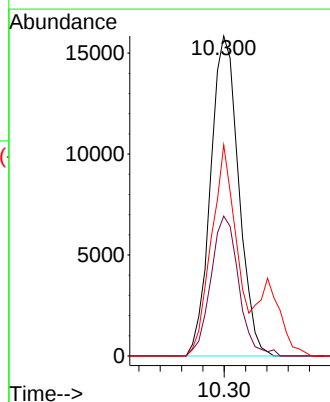
Delta R.T. -0.002 min

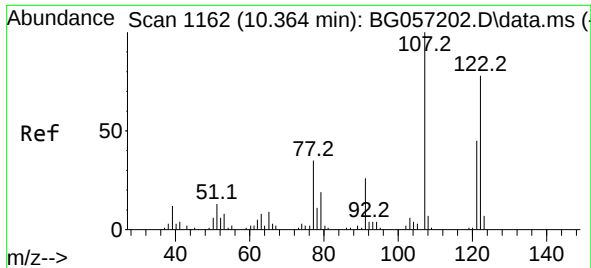
Lab File: BG057459.D

Acq: 18 May 2023 15:13

Tgt Ion:139 Resp: 28923

Ion	Ratio	Lower	Upper
139	100		
109	43.7	33.4	50.2
65	65.9	49.8	74.6





#27
2,4-Dimethylphenol
Concen: 40.590 ng
RT: 10.341 min Scan# 1162
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

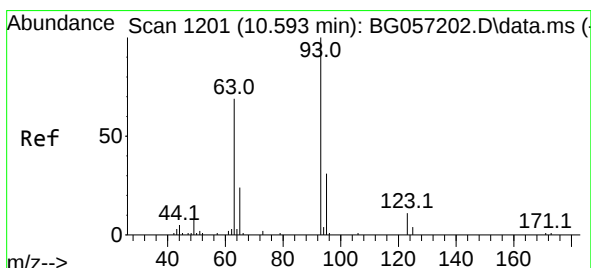
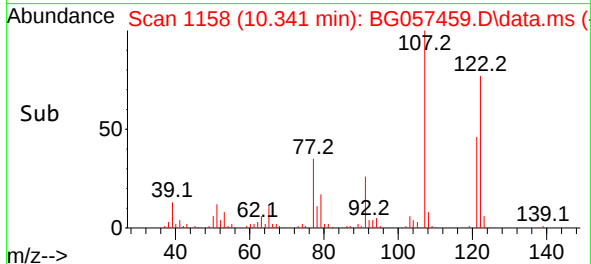
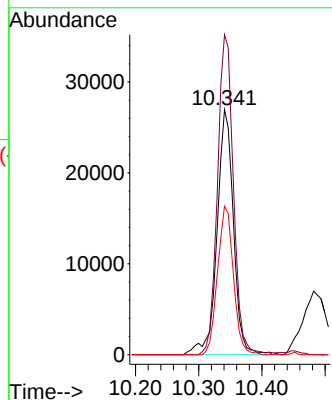
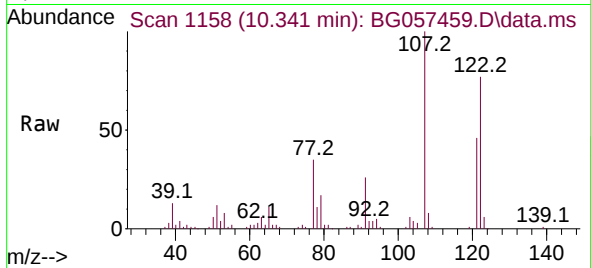
ClientSampleId :

SSTDCCC040EC

Tgt Ion:122 Resp: 48738
Ion Ratio Lower Upper
122 100
107 130.5 103.0 154.4
121 60.6 45.9 68.9

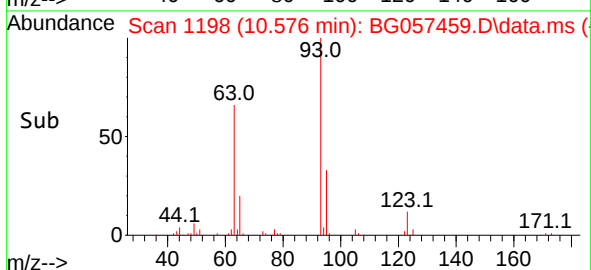
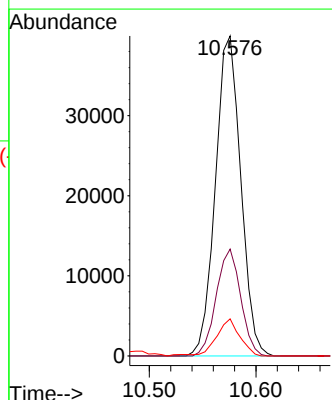
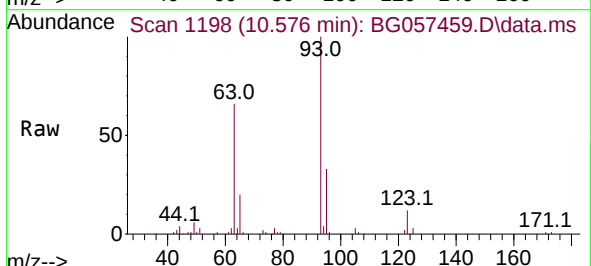
Manual Integrations
APPROVED

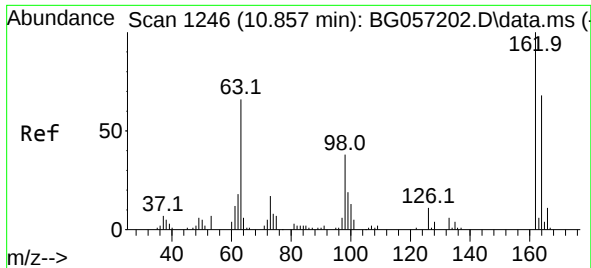
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.211 ng
RT: 10.576 min Scan# 1198
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion: 93 Resp: 65886
Ion Ratio Lower Upper
93 100
95 33.4 25.0 37.6
123 11.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 42.964 ng

RT: 10.840 min Scan# 1243

Delta R.T. -0.002 min

Lab File: BG057459.D

Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

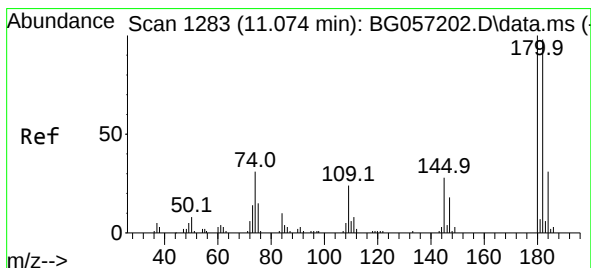
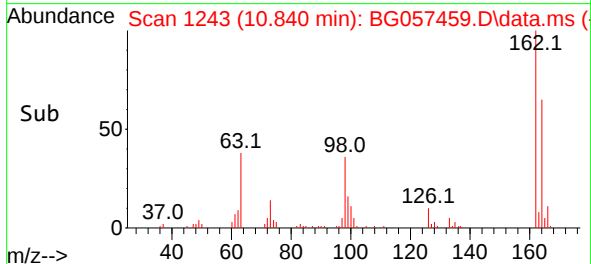
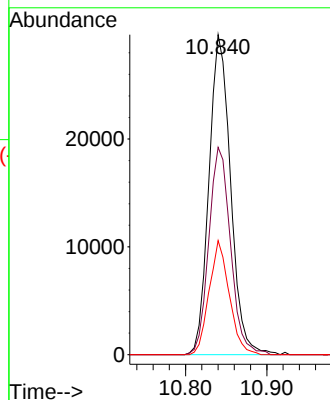
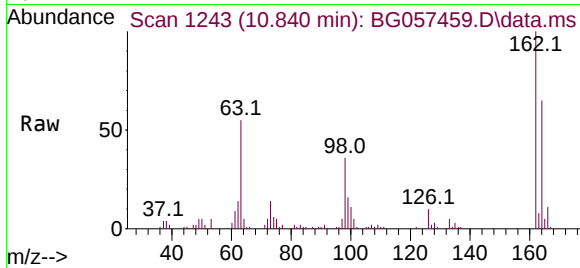
Tgt Ion:162	Resp:	54710
Ion Ratio	Lower	Upper
162	100	
164	64.8	48.4 88.4
98	35.6	17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.952 ng

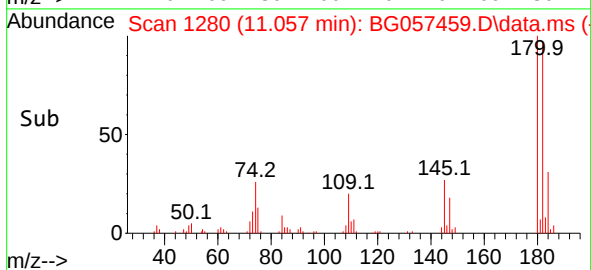
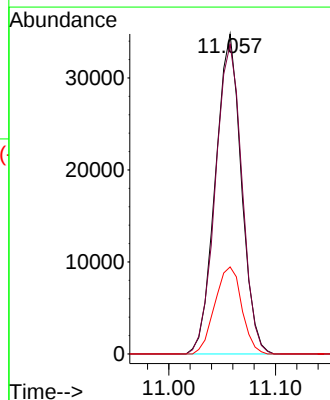
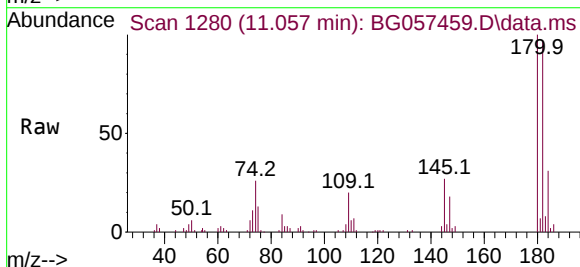
RT: 11.057 min Scan# 1280

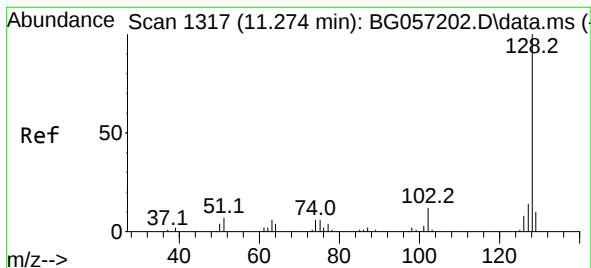
Delta R.T. -0.002 min

Lab File: BG057459.D

Acq: 18 May 2023 15:13

Tgt Ion:180	Resp:	58686
Ion Ratio	Lower	Upper
180	100	
182	96.8	78.0 117.0
145	27.2	22.4 33.6





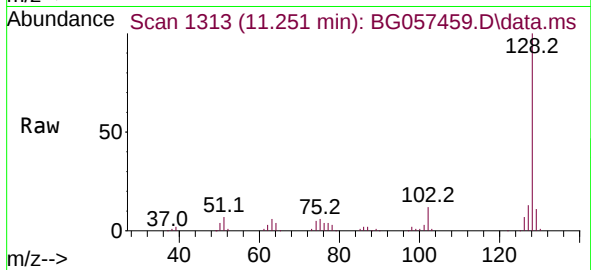
#31
Naphthalene
Concen: 40.019 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

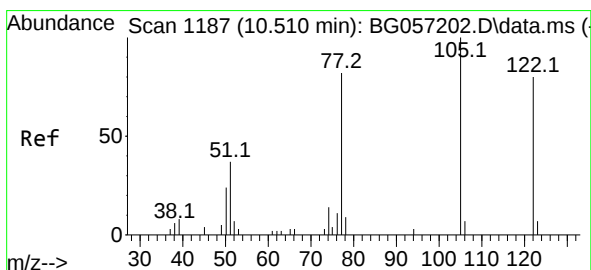
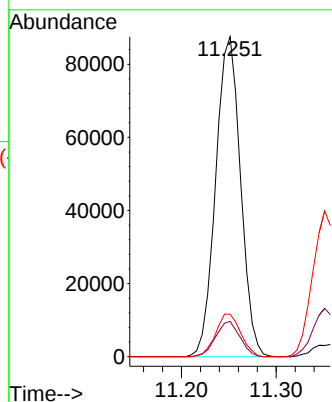


Tgt Ion:128 Resp: 159380
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.2 11.1 16.7

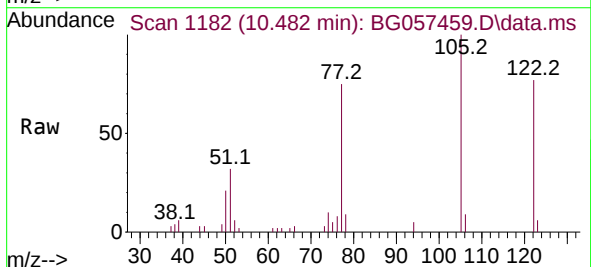
Manual Integrations

APPROVED

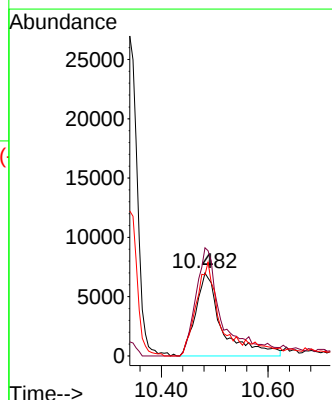
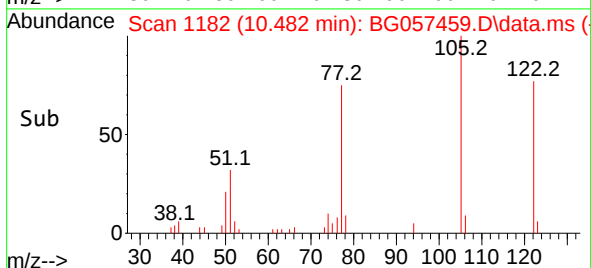
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

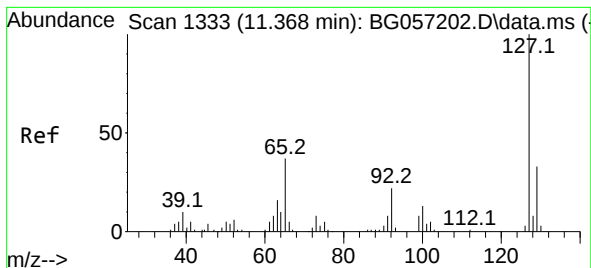


#32
Benzoic acid
Concen: 36.071 ng
RT: 10.482 min Scan# 1182
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:122 Resp: 24076
Ion Ratio Lower Upper
122 100
105 130.4 105.2 145.2
77 97.8 83.1 123.1





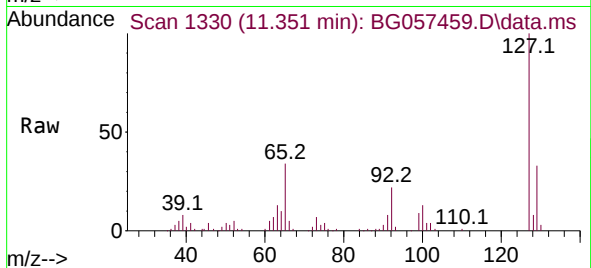
#33
4-Chloroaniline
Concen: 40.588 ng
RT: 11.351 min Scan# 1133
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

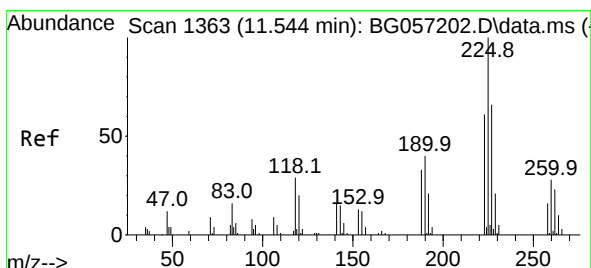
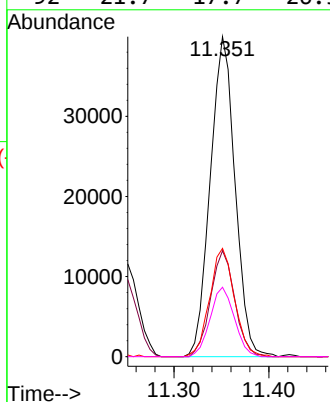
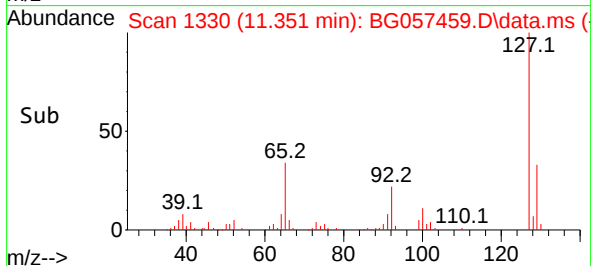


Tgt Ion:127 Resp: 72594
Ion Ratio Lower Upper
127 100
129 33.1 26.7 40.1
65 33.8 29.7 44.5
92 21.7 17.7 26.5

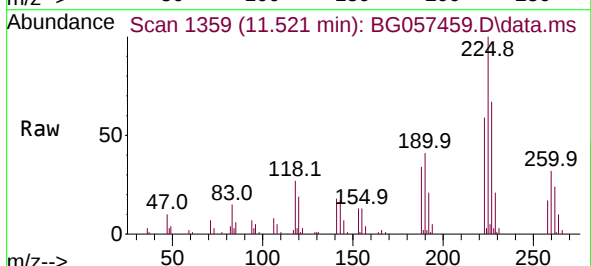
Manual Integrations

APPROVED

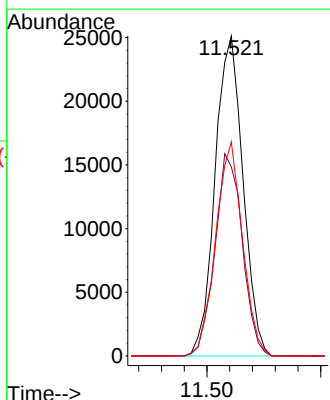
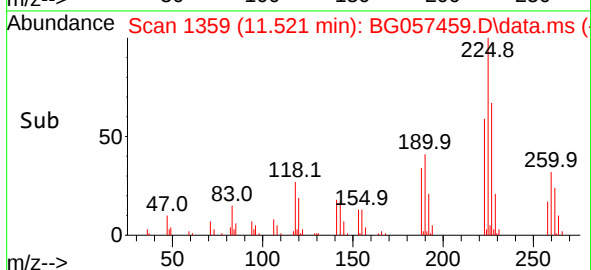
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

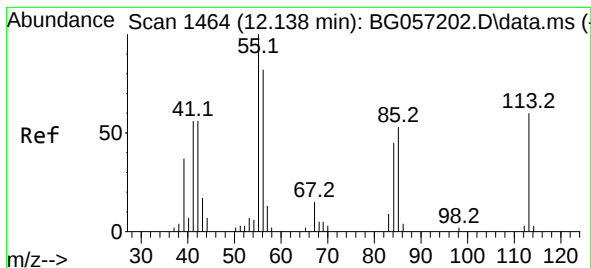


#34
Hexachlorobutadiene
Concen: 39.247 ng
RT: 11.521 min Scan# 1359
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:225 Resp: 42777
Ion Ratio Lower Upper
225 100
223 59.1 48.6 72.8
227 66.9 52.7 79.1





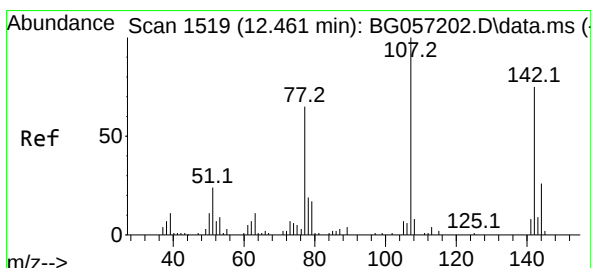
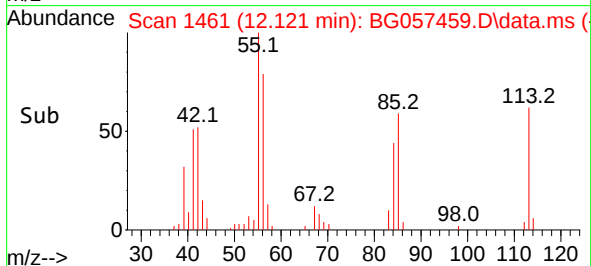
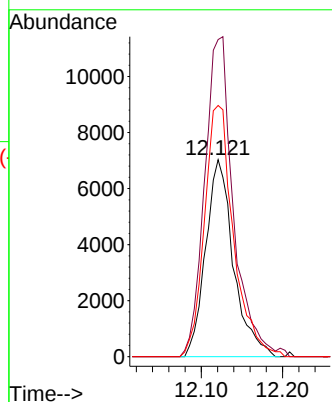
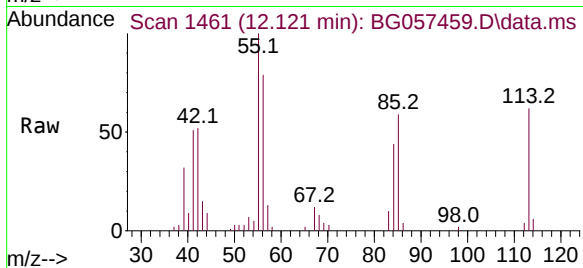
#35
Caprolactam
Concen: 38.425 ng
RT: 12.121 min Scan# 1461
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 16710
Ion Ratio Lower Upper
113 100
55 161.0 145.5 185.5
56 127.5 115.9 155.9

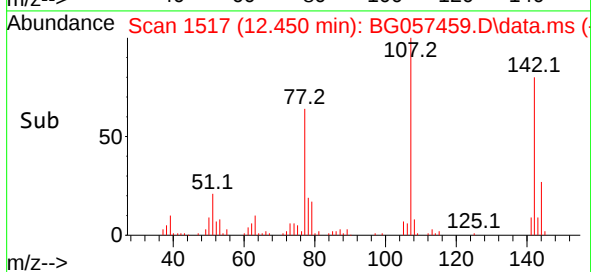
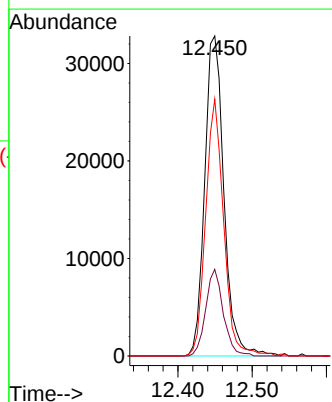
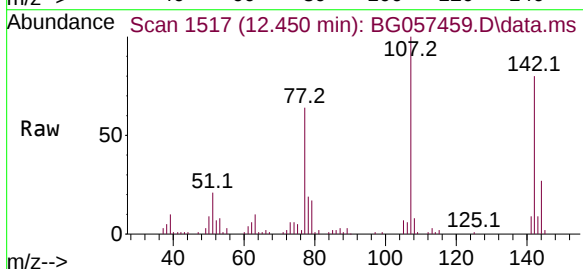
Manual Integrations
APPROVED

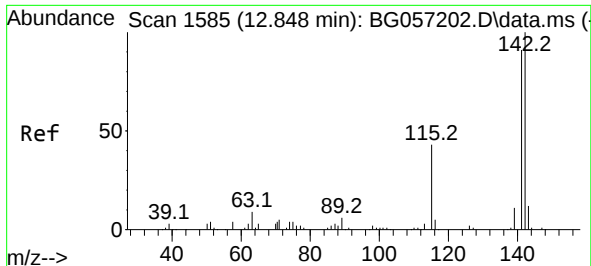
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#36
4-Chloro-3-methylphenol
Concen: 40.979 ng
RT: 12.450 min Scan# 1517
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:107 Resp: 59308
Ion Ratio Lower Upper
107 100
144 27.1 21.0 31.6
142 80.3 60.0 90.0





#37
2-Methylnaphthalene
Concen: 40.871 ng
RT: 12.826 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

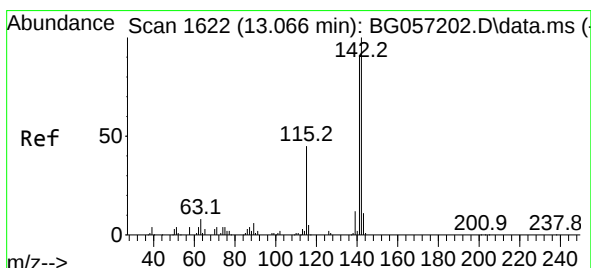
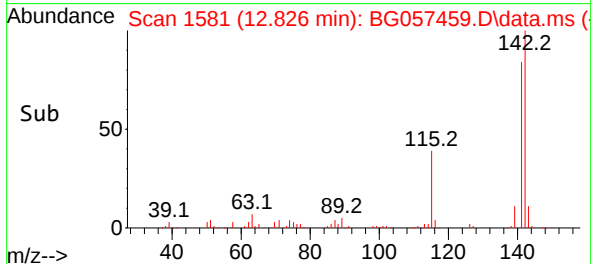
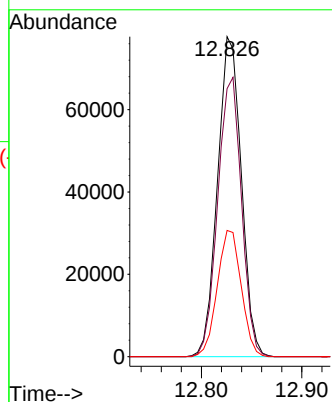
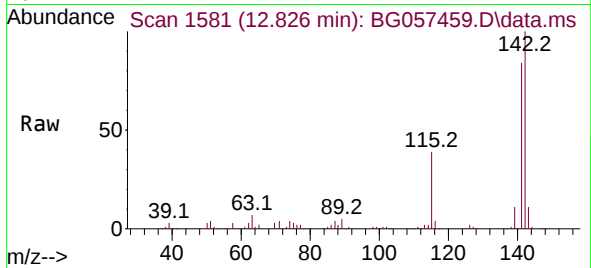
SSTDCCC040EC

Tgt Ion:142 Resp: 127980
Ion Ratio Lower Upper
142 100
141 83.7 73.1 109.7
115 39.4 34.6 52.0

Manual Integrations

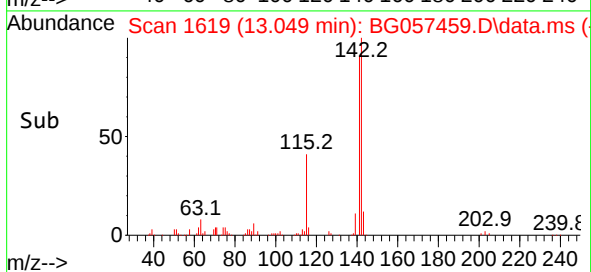
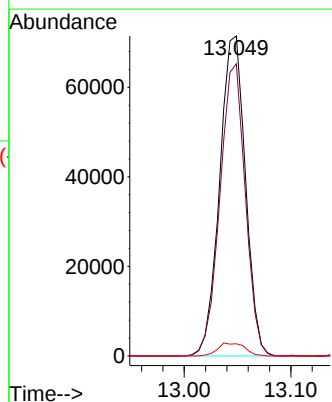
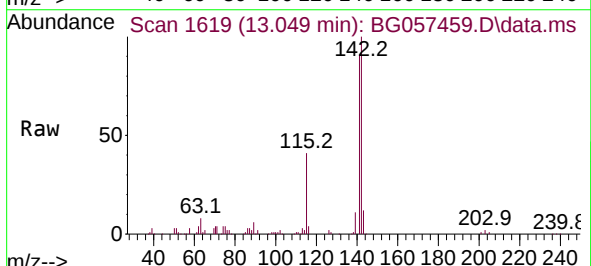
APPROVED

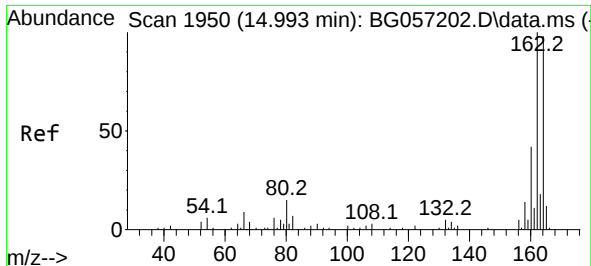
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#38
1-Methylnaphthalene
Concen: 40.580 ng
RT: 13.049 min Scan# 1619
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:142 Resp: 119771
Ion Ratio Lower Upper
142 100
141 91.3 72.5 108.7
116 3.8 3.7 5.5





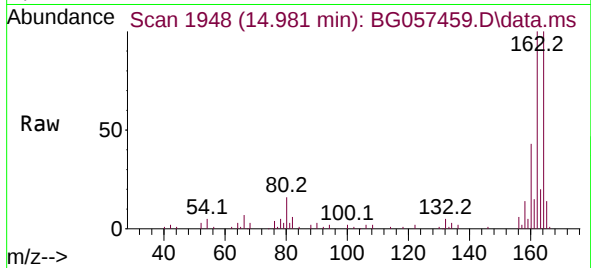
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.981 min Scan# 1950
Delta R.T. 0.003 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

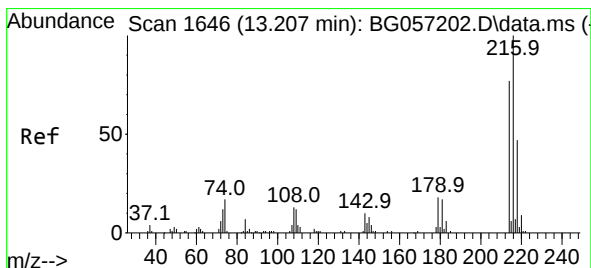
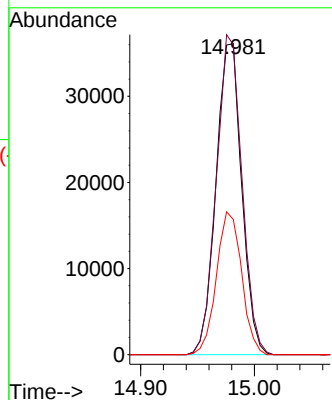


Tgt Ion:164 Resp: 5681
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.6
160 43.4 34.6 52.0

Manual Integrations

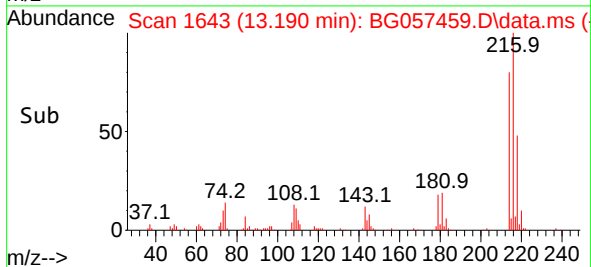
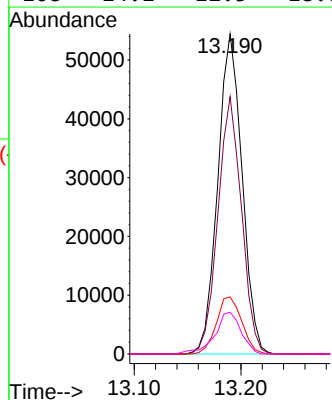
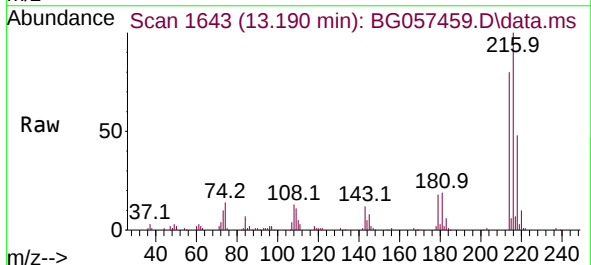
APPROVED

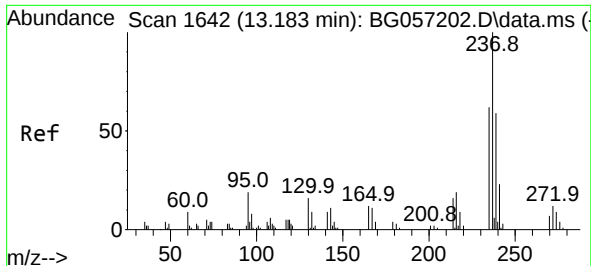
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.635 ng
RT: 13.190 min Scan# 1643
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:216 Resp: 85991
Ion Ratio Lower Upper
216 100
214 78.0 63.7 95.5
179 18.6 14.6 22.0
108 14.1 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 42.694 ng
RT: 13.160 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

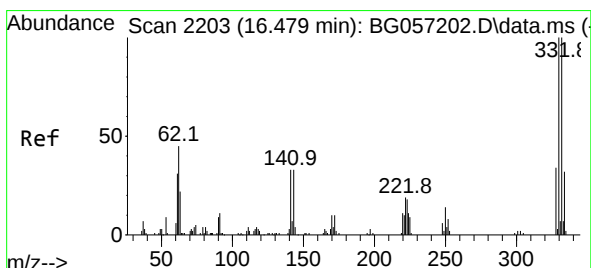
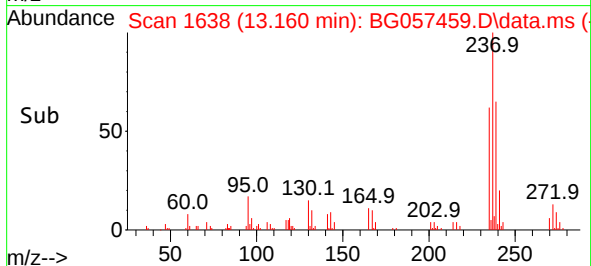
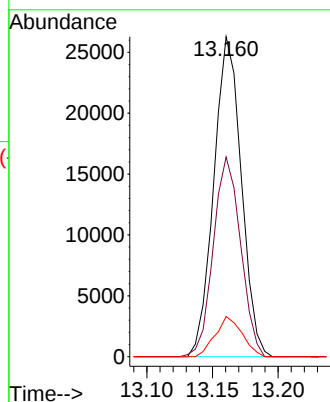
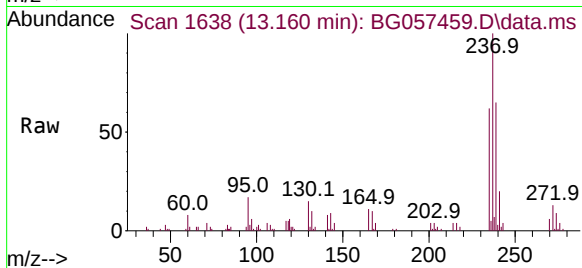
SSTDCCC040EC

Tgt Ion:237 Resp: 3830
Ion Ratio Lower Upper
237 100
235 62.4 42.0 82.0
272 12.6 0.0 31.5

Manual Integrations

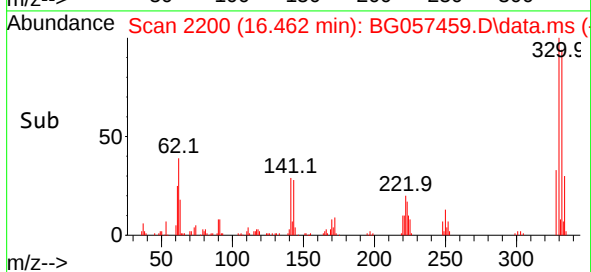
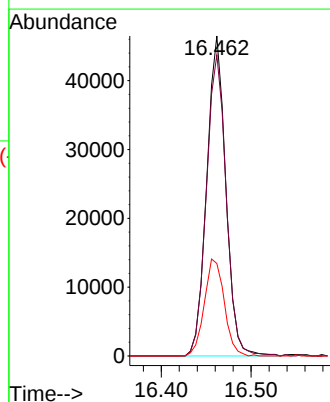
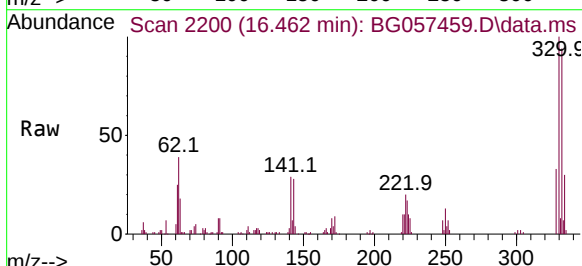
APPROVED

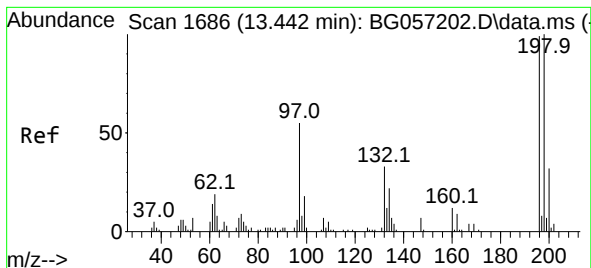
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#42
2,4,6-Tribromophenol
Concen: 85.233 ng
RT: 16.462 min Scan# 2200
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:330 Resp: 68708
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.2
141 31.6 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 42.376 ng
RT: 13.425 min Scan# 1683
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

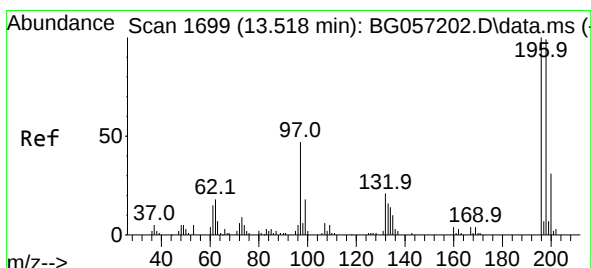
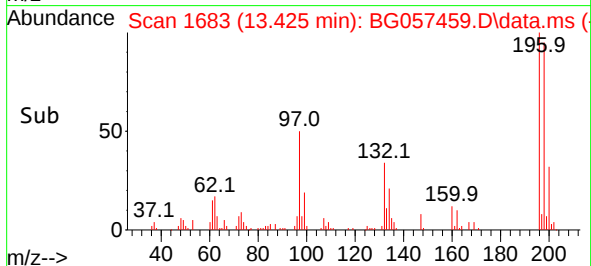
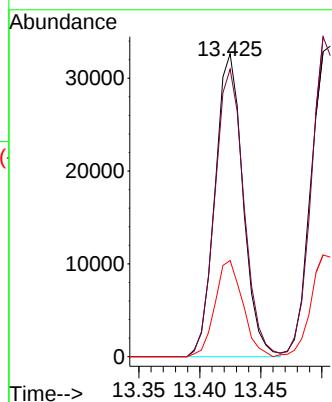
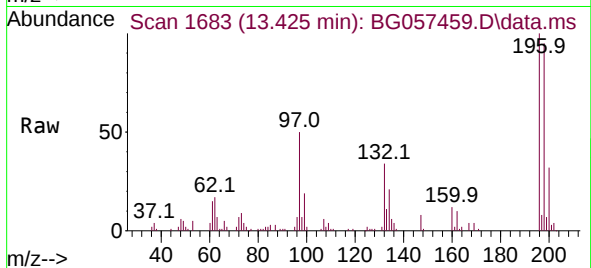
SSTDCCC040EC

Tgt Ion:196 Resp: 5207
Ion Ratio Lower Upper
196 100
198 94.9 81.2 121.8
200 31.7 26.3 39.5

Manual Integrations

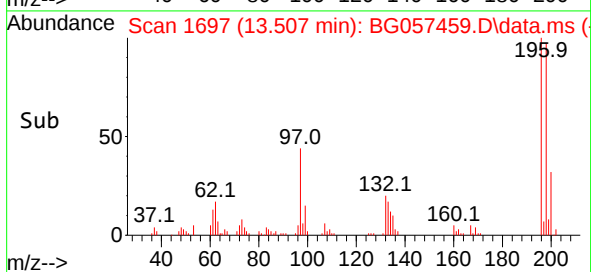
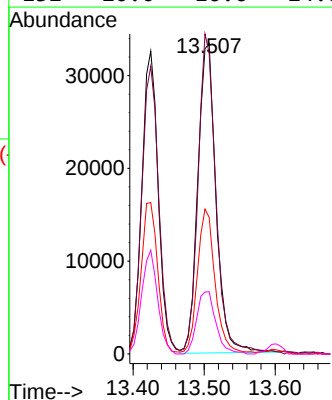
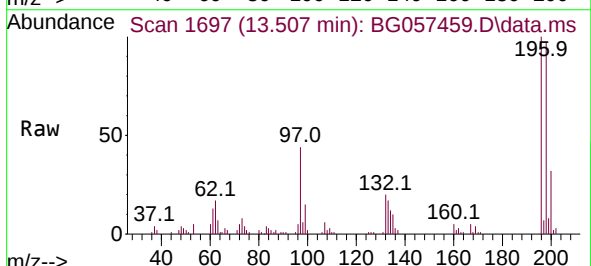
APPROVED

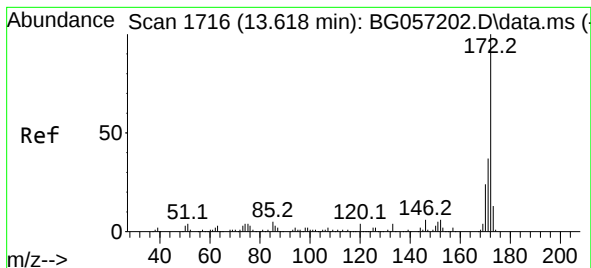
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#44
2,4,5-Trichlorophenol
Concen: 41.142 ng
RT: 13.507 min Scan# 1697
Delta R.T. 0.003 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

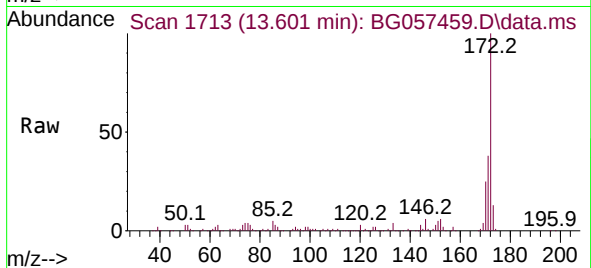
Tgt Ion:196 Resp: 59466
Ion Ratio Lower Upper
196 100
198 96.9 79.4 119.2
97 44.0 37.0 55.4
132 20.0 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 82.119 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

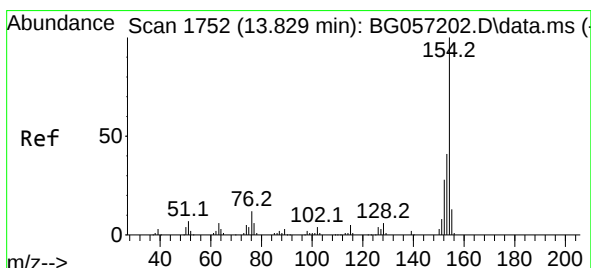
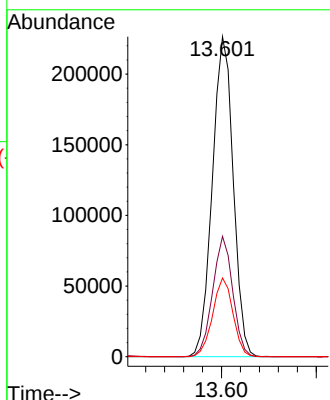
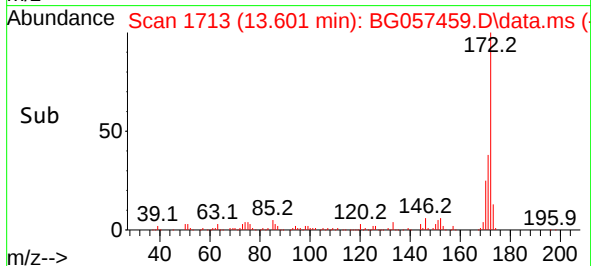
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



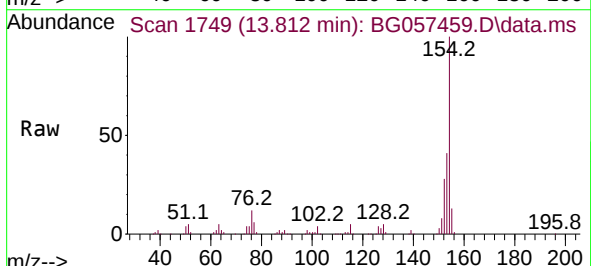
Tgt Ion:172 Resp: 346408
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 24.6 19.0 28.6

Manual Integrations
APPROVED

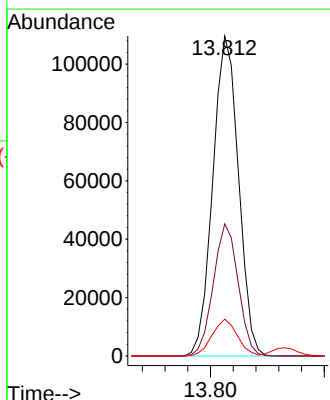
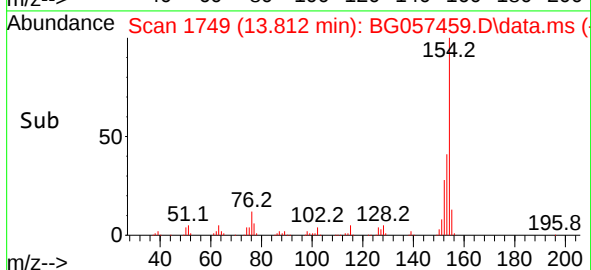
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

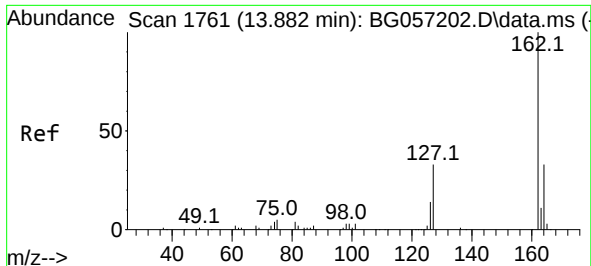


#46
1,1'-Biphenyl
Concen: 40.713 ng
RT: 13.812 min Scan# 1749
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:154 Resp: 171634
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 11.5 0.0 31.7





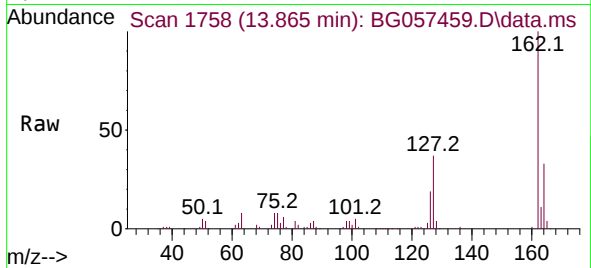
#47
2-Chloronaphthalene
Concen: 41.277 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

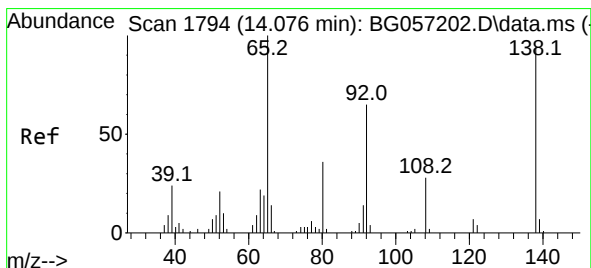
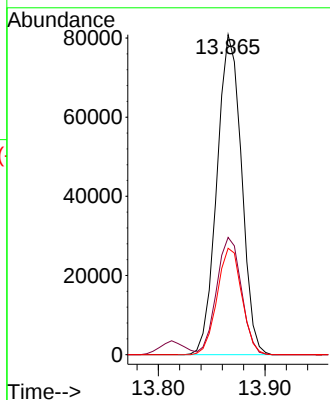
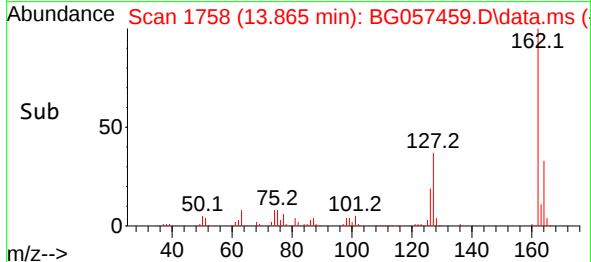


Tgt Ion:162 Resp: 12940
Ion Ratio Lower Upper
162 100
127 36.7 29.8 44.6
164 33.2 26.6 40.0

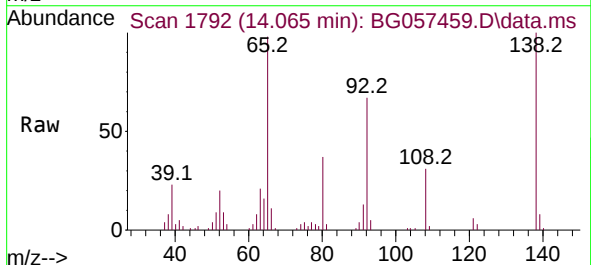
Manual Integrations

APPROVED

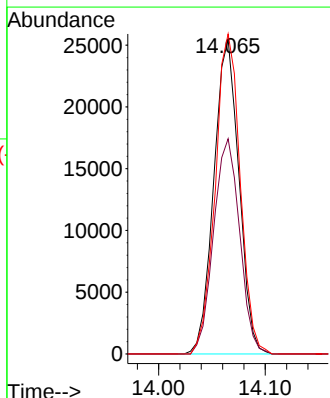
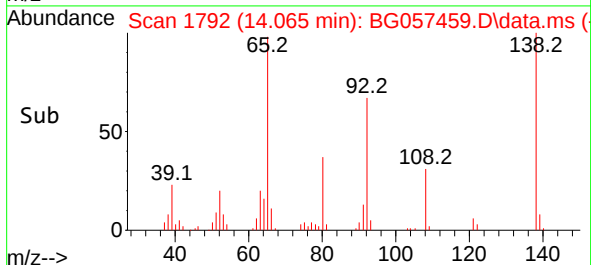
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

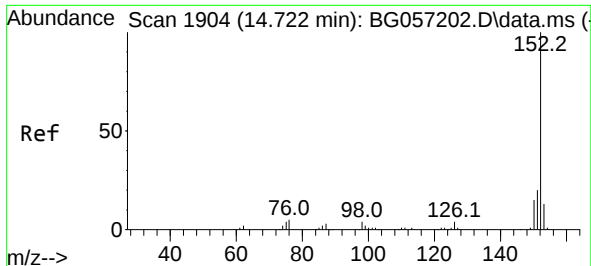


#48
2-Nitroaniline
Concen: 38.999 ng
RT: 14.065 min Scan# 1792
Delta R.T. 0.003 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion: 65 Resp: 41570
Ion Ratio Lower Upper
65 100
92 68.3 52.1 78.1
138 101.6 75.3 112.9





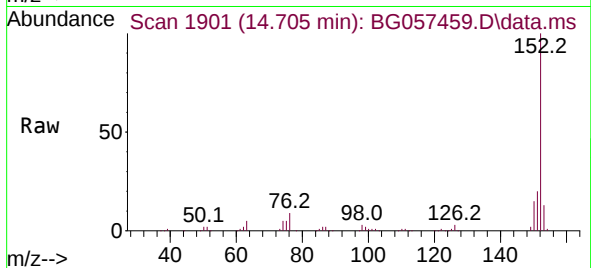
#49
Acenaphthylene
Concen: 41.298 ng
RT: 14.705 min Scan# 1904
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

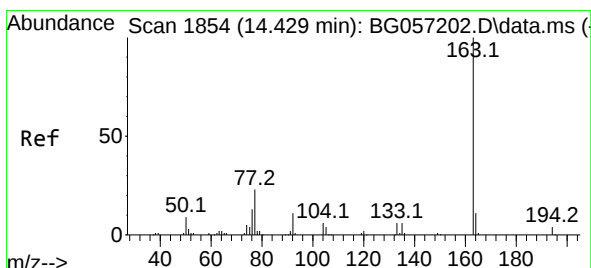
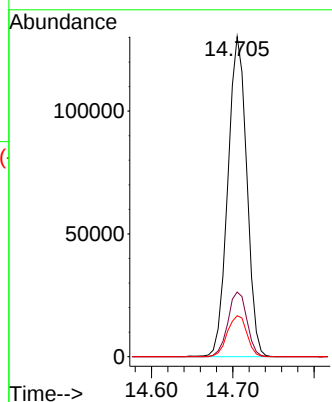
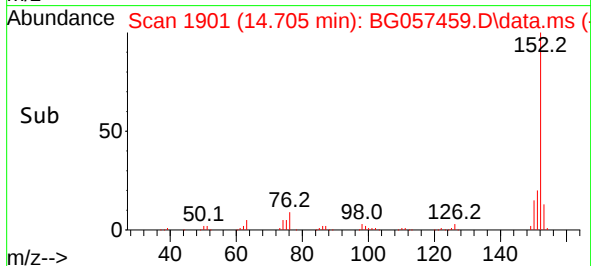


Tgt Ion:152 Resp: 210334
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.8 10.7 16.1

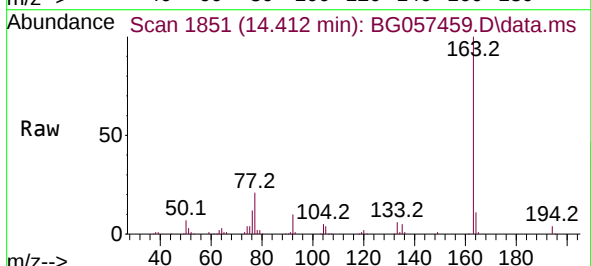
Manual Integrations

APPROVED

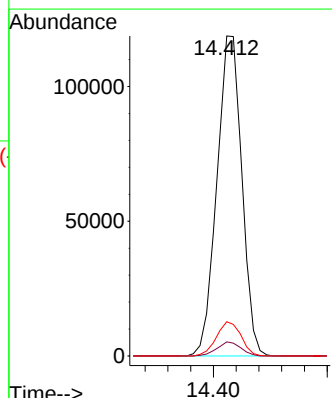
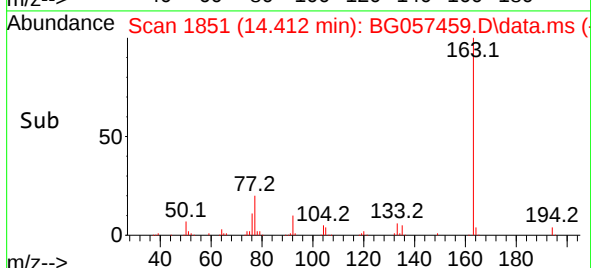
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

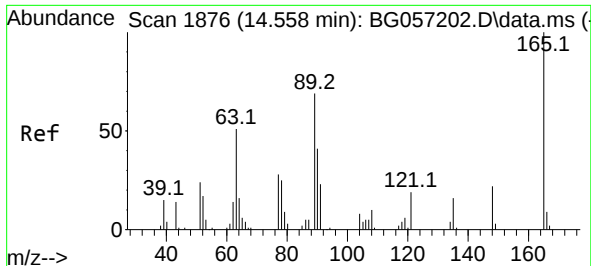


#50
Dimethylphthalate
Concen: 38.768 ng
RT: 14.412 min Scan# 1851
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:163 Resp: 180996
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.7 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 41.960 ng
RT: 14.547 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

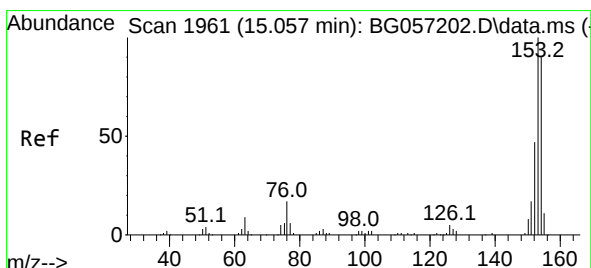
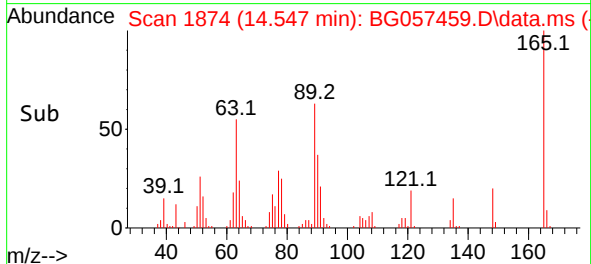
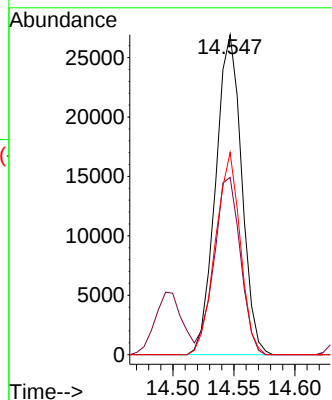
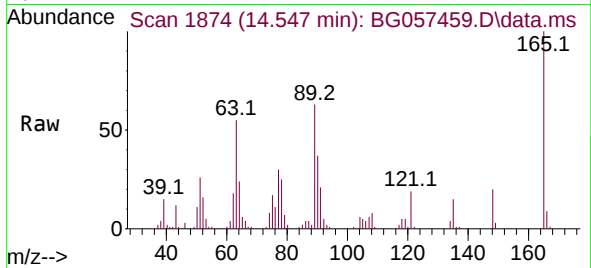
SSTDCCC040EC

Tgt Ion:165 Resp: 3999
Ion Ratio Lower Upper
165 100
63 55.4 50.9 76.3
89 63.2 55.2 82.8

Manual Integrations

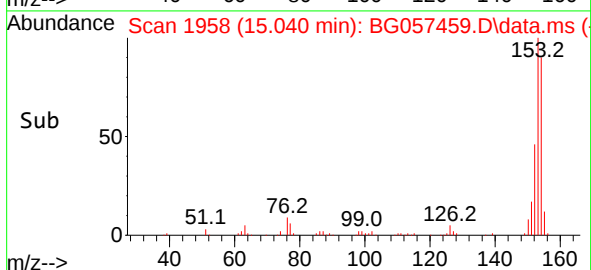
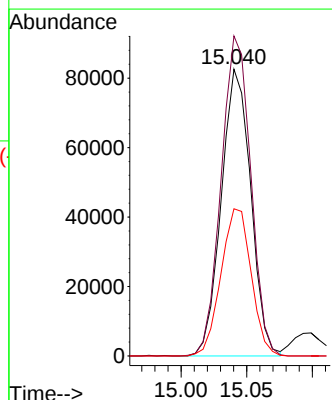
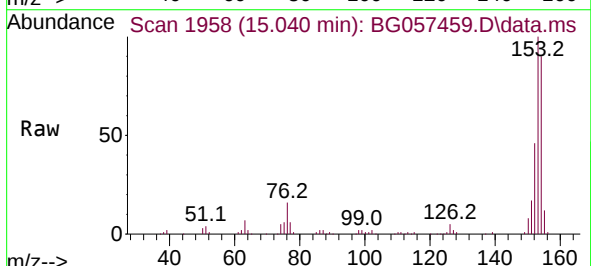
APPROVED

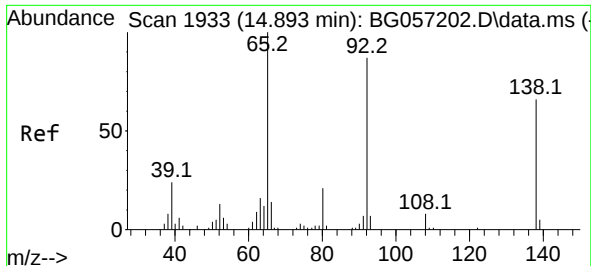
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#52
Acenaphthene
Concen: 40.554 ng
RT: 15.040 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:154 Resp: 129065
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 51.4 41.7 62.5





#53
3-Nitroaniline
Concen: 40.612 ng
RT: 14.882 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

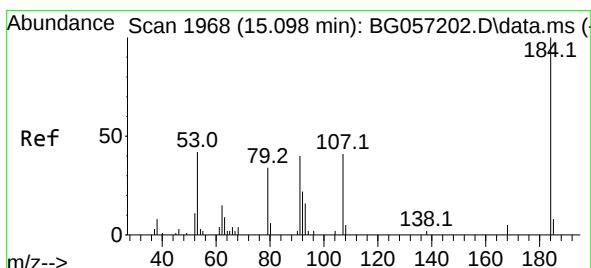
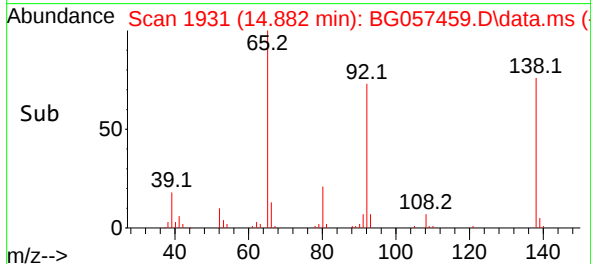
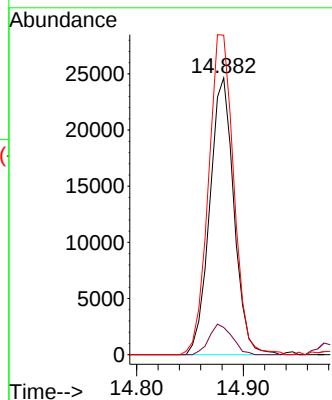
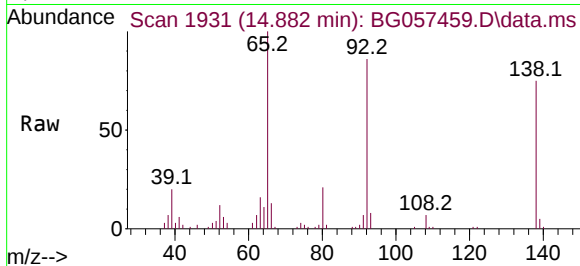
SSTDCCC040EC

Tgt Ion:138 Resp: 3878
Ion Ratio Lower Upper
138 100
108 9.8 9.5 14.3
92 115.4 106.2 159.4

Manual Integrations

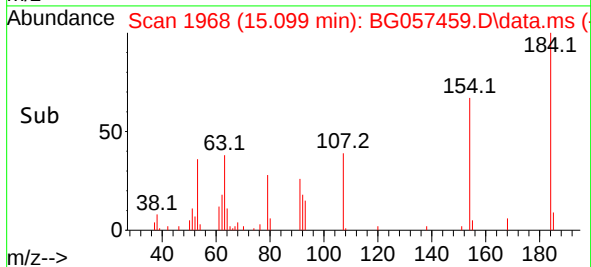
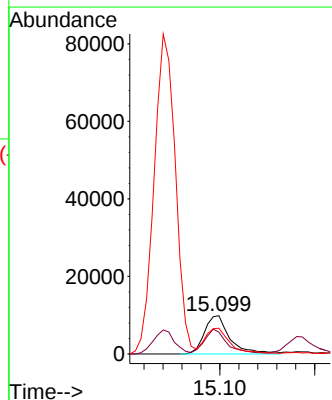
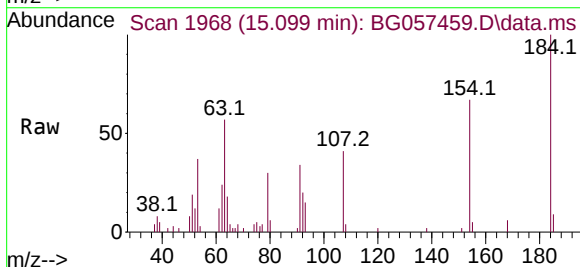
APPROVED

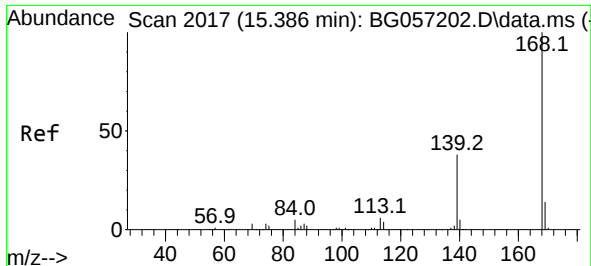
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#54
2,4-Dinitrophenol
Concen: 34.244 ng
RT: 15.099 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:184 Resp: 18446
Ion Ratio Lower Upper
184 100
63 56.8 48.2 72.4
154 67.4 55.4 83.2





#55
Dibenzenofuran
Concen: 40.790 ng
RT: 15.369 min Scan# 2017
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

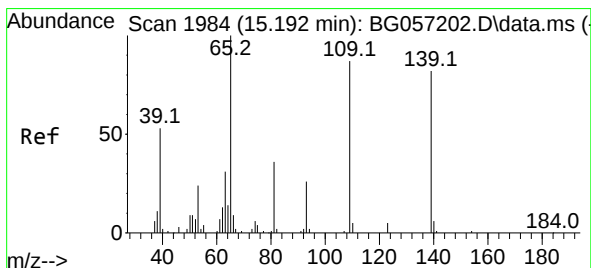
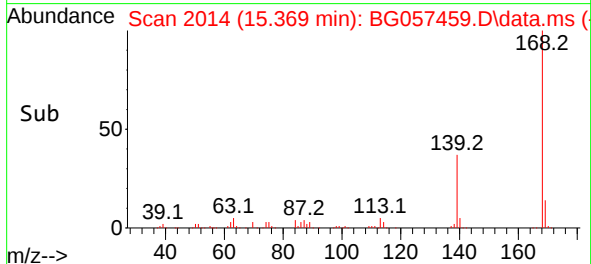
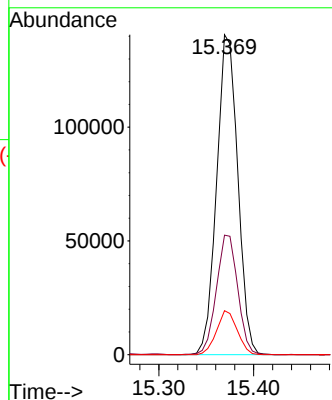
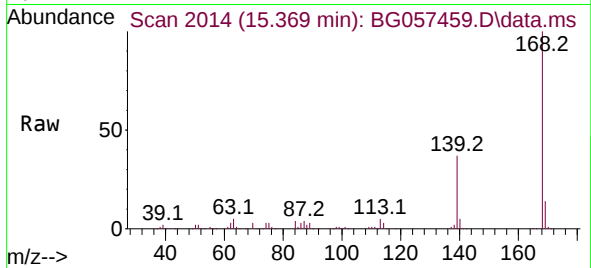
SSTDCCC040EC

Tgt Ion:168 Resp: 21811
Ion Ratio Lower Upper
168 100
139 37.4 30.7 46.1
169 13.7 10.9 16.3

Manual Integrations

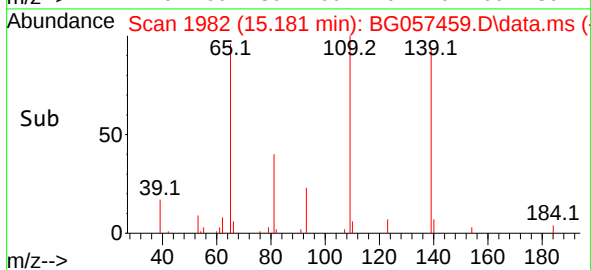
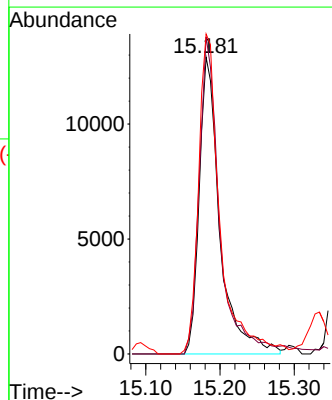
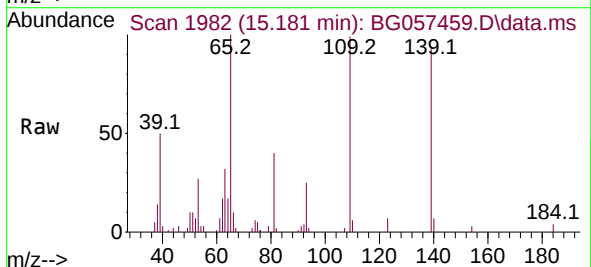
APPROVED

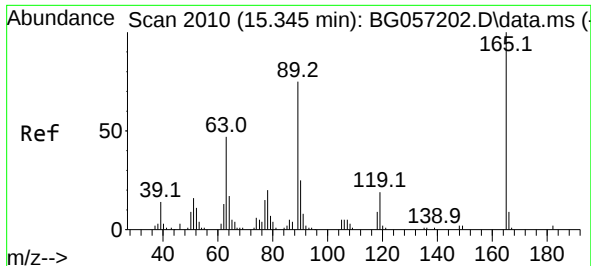
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#56
4-Nitrophenol
Concen: 39.321 ng
RT: 15.181 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:139 Resp: 24974
Ion Ratio Lower Upper
139 100
109 106.8 86.6 126.6
65 107.9 102.6 142.6





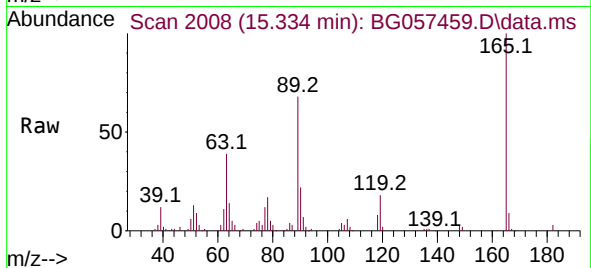
#57
2,4-Dinitrotoluene
Concen: 41.232 ng
RT: 15.334 min Scan# 2010
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

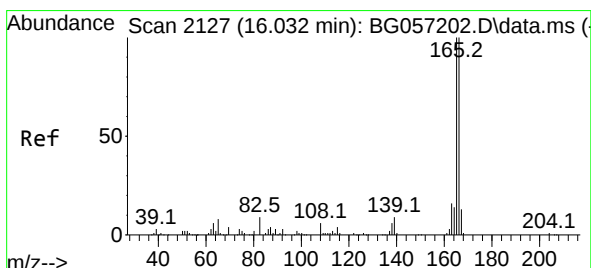
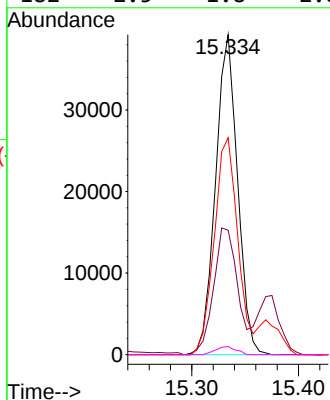
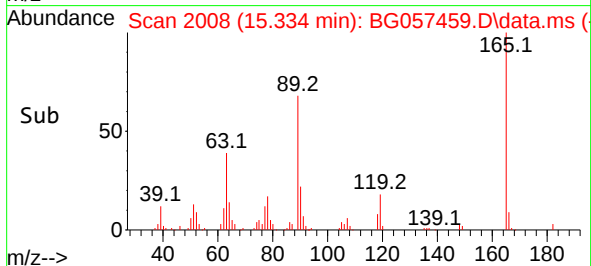


Tgt Ion:165 Resp: 5617
Ion Ratio Lower Upper
165 100
63 38.9 37.5 56.3
89 67.8 60.2 90.4
182 2.5 1.8 2.8

Manual Integrations

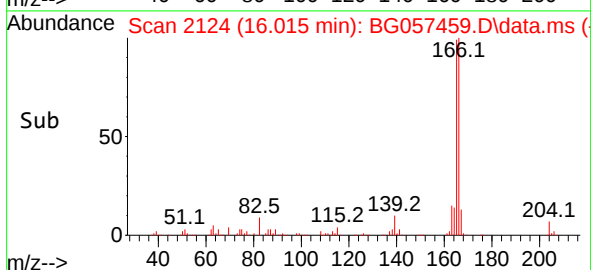
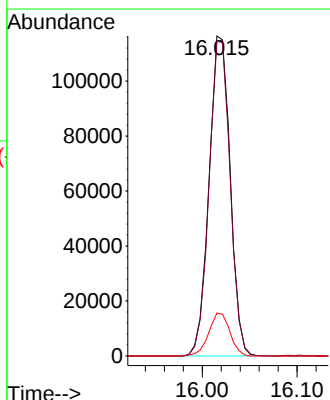
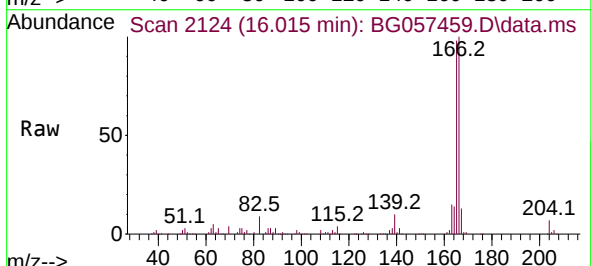
APPROVED

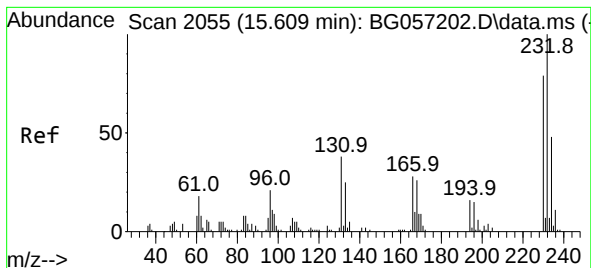
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#58
Fluorene
Concen: 40.912 ng
RT: 16.015 min Scan# 2124
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:166 Resp: 180199
Ion Ratio Lower Upper
166 100
165 98.4 80.1 120.1
167 13.4 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.499 ng m
RT: 15.598 min Scan# 2053
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

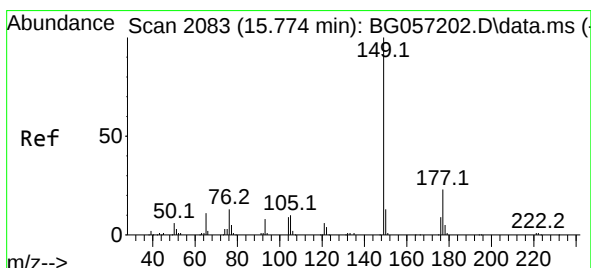
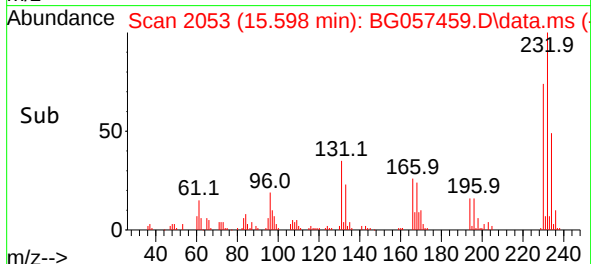
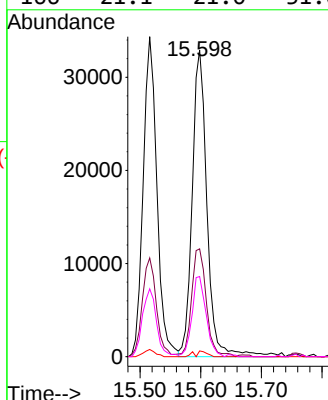
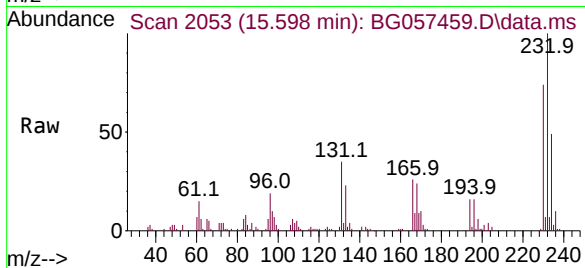
SSTDCCC040EC

Tgt Ion:232 Resp: 5569
Ion Ratio Lower Upper
232 100
131 30.6 28.6 42.8
130 1.8 1.6 2.4
166 21.1 21.0 31.6

Manual Integrations

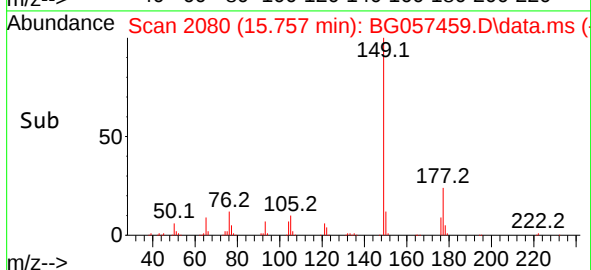
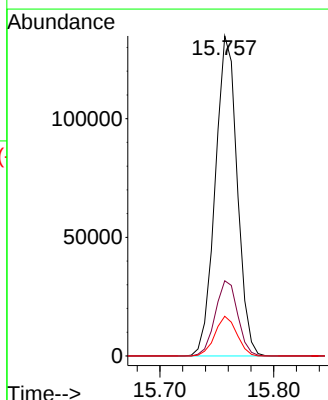
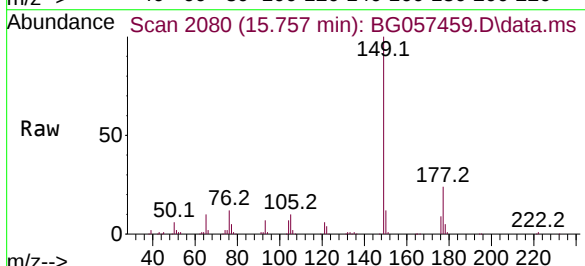
APPROVED

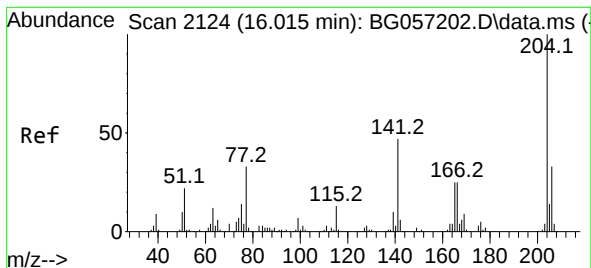
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#60
Diethylphthalate
Concen: 38.168 ng
RT: 15.757 min Scan# 2080
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:149 Resp: 180964
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.024 ng
RT: 15.998 min Scan# 2120
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

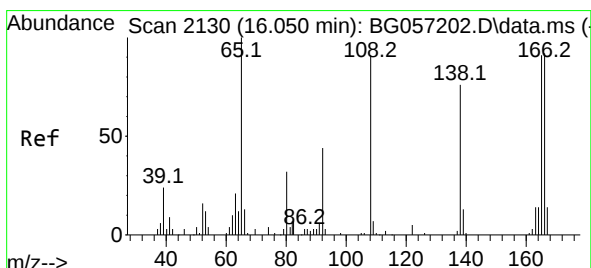
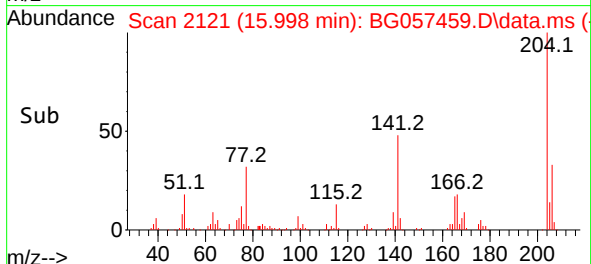
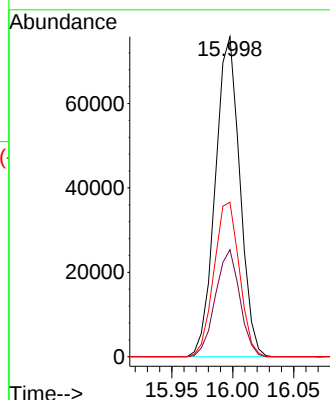
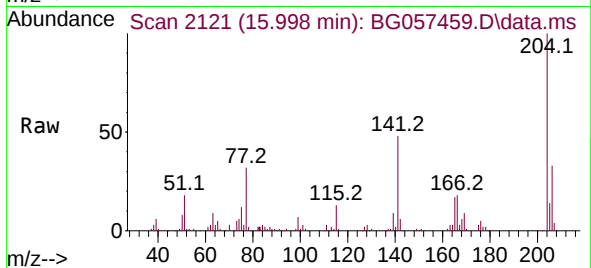
SSTDC040EC

Tgt Ion:204 Resp: 10620
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 48.2 37.4 56.0

Manual Integrations

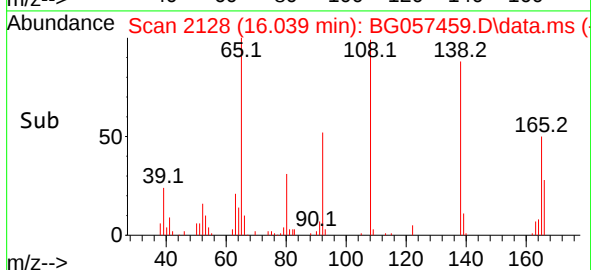
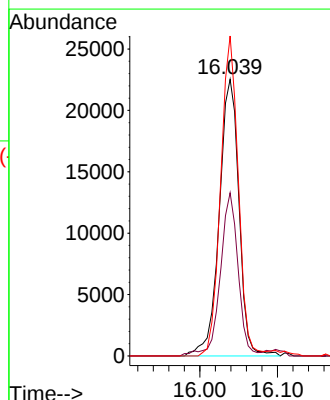
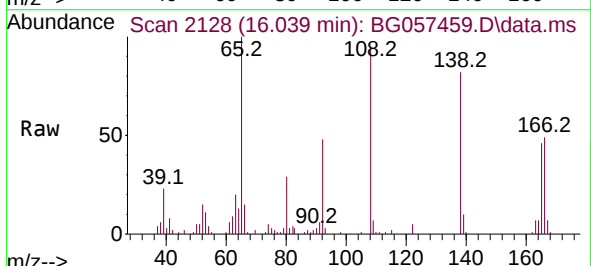
APPROVED

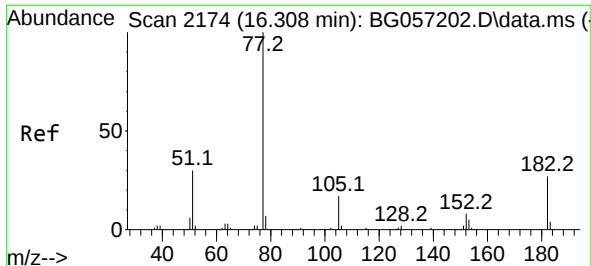
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#62
4-Nitroaniline
Concen: 41.277 ng
RT: 16.039 min Scan# 2128
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:138 Resp: 39765
Ion Ratio Lower Upper
138 100
92 59.0 38.2 78.2
108 115.7 99.6 139.6





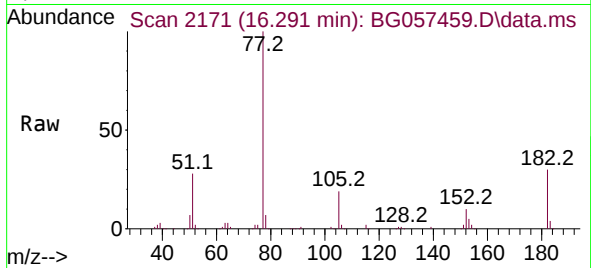
#63
Azobenzene
Concen: 36.514 ng
RT: 16.291 min Scan# 2171
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

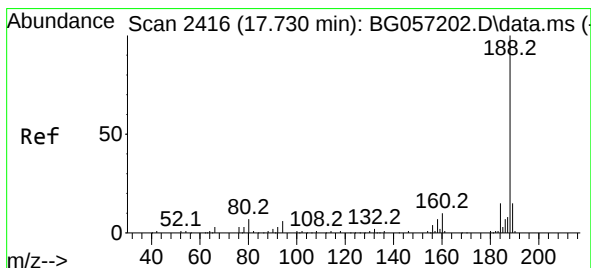
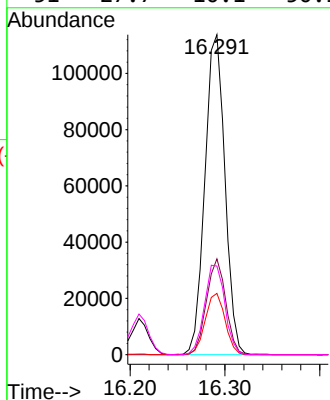
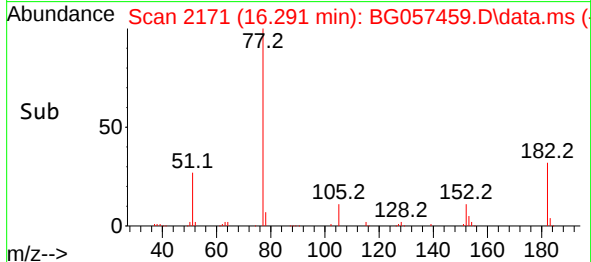


Tgt Ion: 77 Resp: 167030
Ion Ratio Lower Upper
77 100
182 30.0 7.4 47.4
105 19.2 0.0 37.2
51 27.7 10.1 50.1

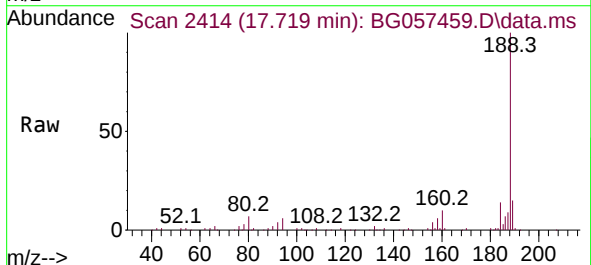
Manual Integrations

APPROVED

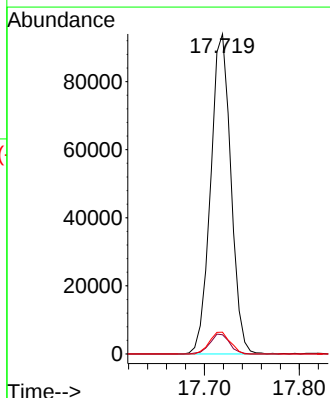
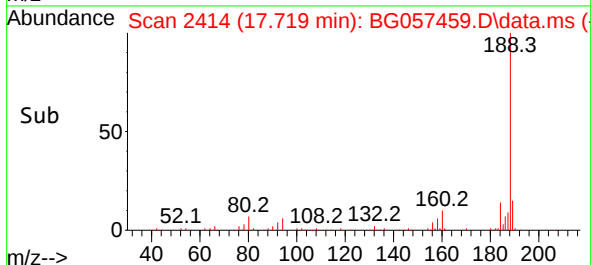
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

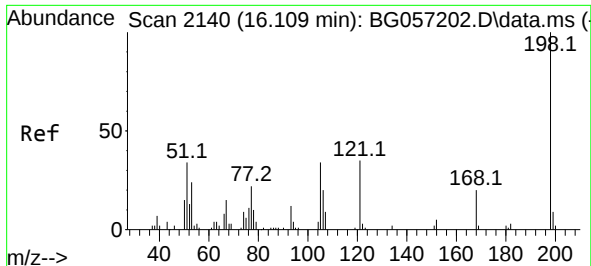


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2414
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:188 Resp: 139456
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 6.8 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 43.764 ng
RT: 16.098 min Scan# 2157
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

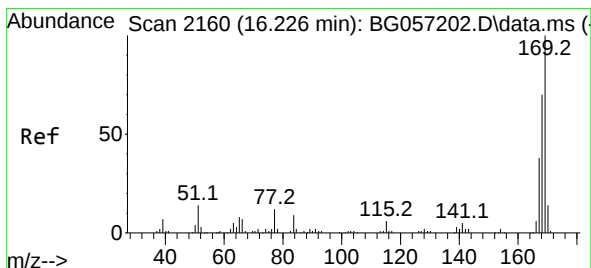
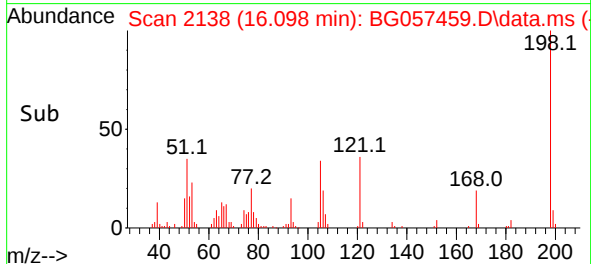
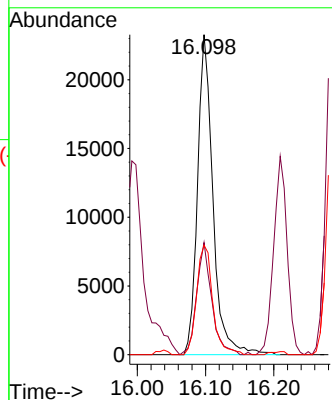
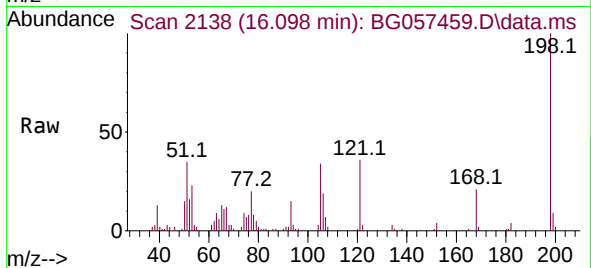
SSTDCCC040EC

Tgt Ion:198 Resp: 36438
Ion Ratio Lower Upper
198 100
51 35.1 16.1 56.1
105 34.2 14.0 54.0

Manual Integrations

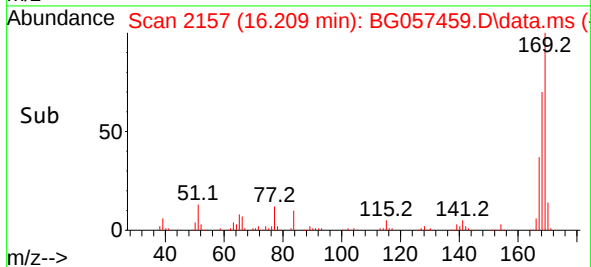
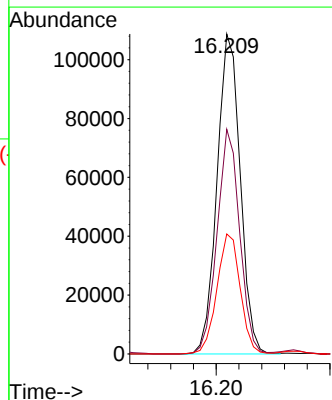
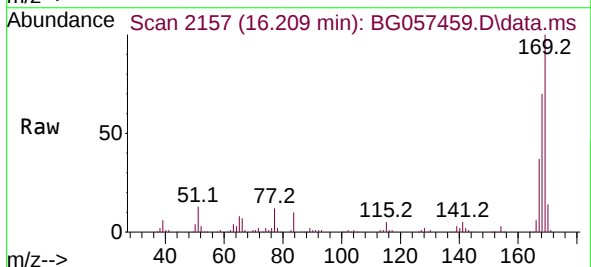
APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#66
n-Nitrosodiphenylamine
Concen: 40.670 ng
RT: 16.209 min Scan# 2157
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:169 Resp: 154041
Ion Ratio Lower Upper
169 100
168 70.2 56.2 84.4
167 37.5 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 41.588 ng
RT: 16.891 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

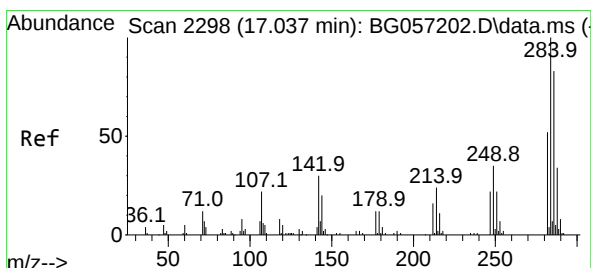
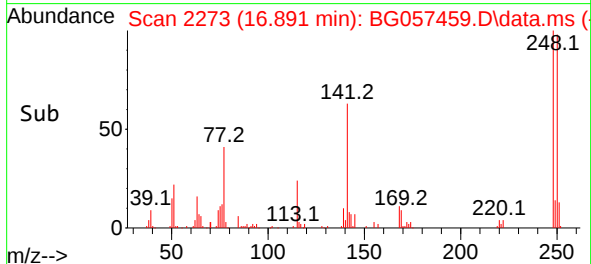
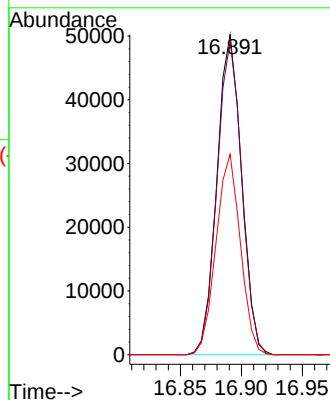
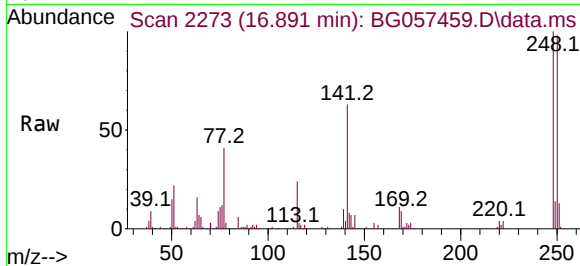
SSTDCCC040EC

Tgt Ion:248 Resp: 70799
Ion Ratio Lower Upper
248 100
250 98.2 77.0 115.6
141 62.6 48.6 72.8

Manual Integrations

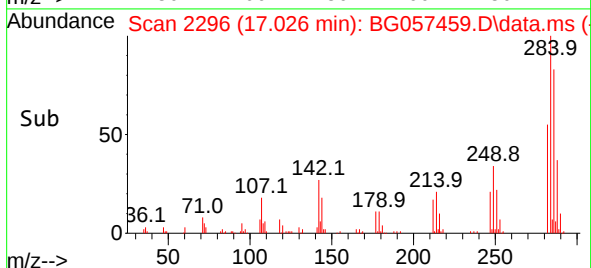
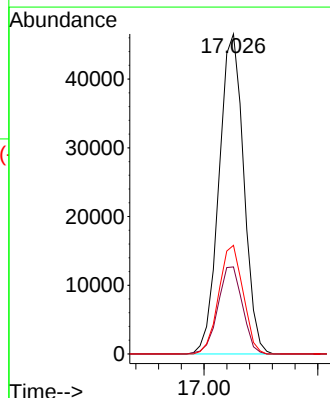
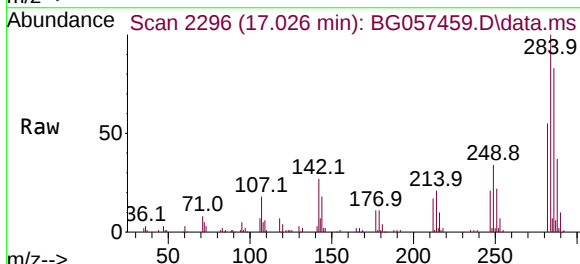
APPROVED

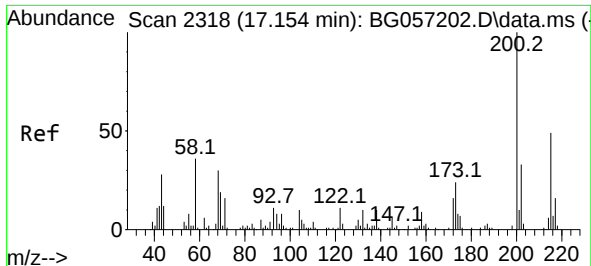
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#68
Hexachlorobenzene
Concen: 42.382 ng
RT: 17.026 min Scan# 2296
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Tgt Ion:284 Resp: 70115
Ion Ratio Lower Upper
284 100
142 27.2 23.9 35.9
249 34.0 27.7 41.5





#69
 Atrazine
 Concen: 41.284 ng
 RT: 17.143 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057459.D
 Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

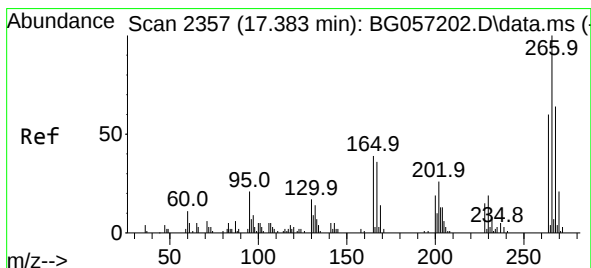
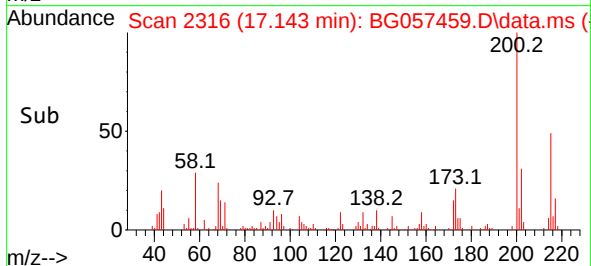
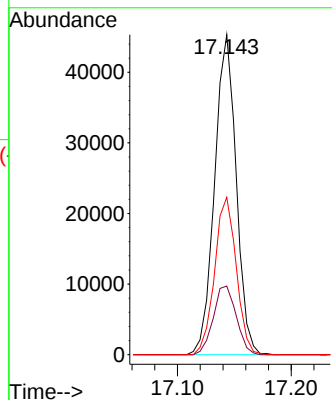
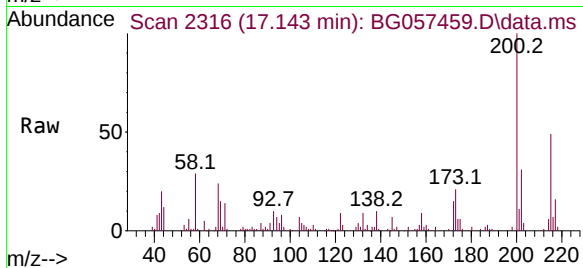
SSTDCCC040EC

Tgt Ion:200 Resp: 59649
 Ion Ratio Lower Upper
 200 100
 173 21.4 4.3 44.3
 215 49.2 29.3 69.3

Manual Integrations

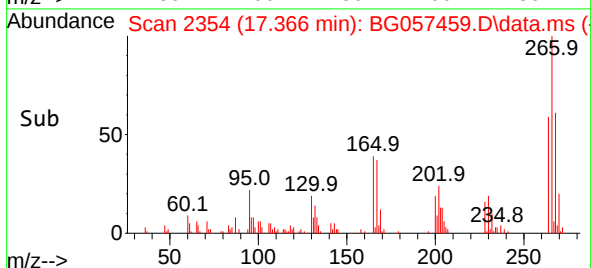
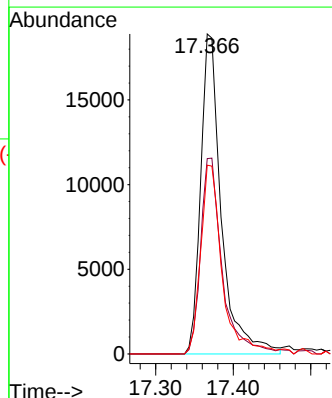
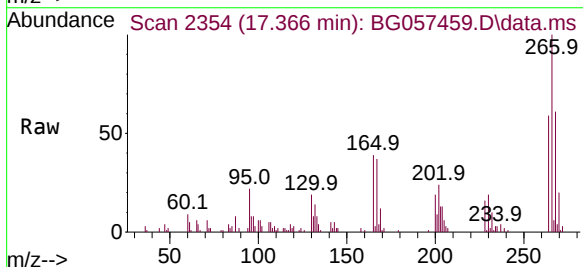
APPROVED

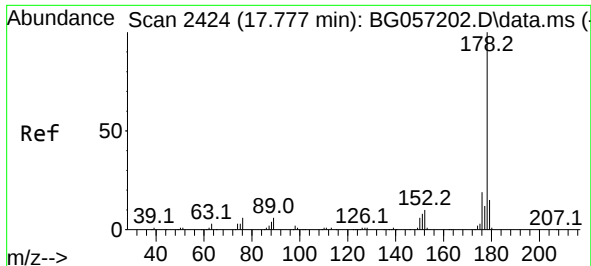
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#70
 Pentachlorophenol
 Concen: 36.712 ng
 RT: 17.366 min Scan# 2354
 Delta R.T. -0.008 min
 Lab File: BG057459.D
 Acq: 18 May 2023 15:13

Tgt Ion:266 Resp: 35002
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.0 76.6
 264 59.0 47.8 71.6





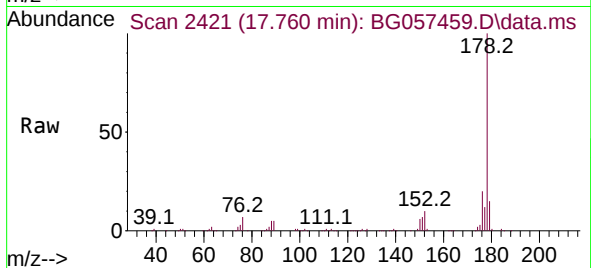
#71
Phenanthrene
Concen: 40.608 ng
RT: 17.760 min Scan# 2424
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

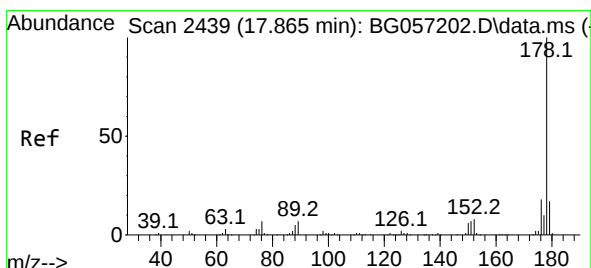
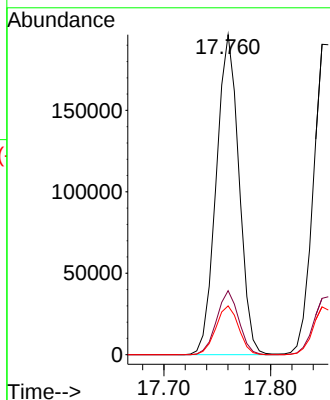
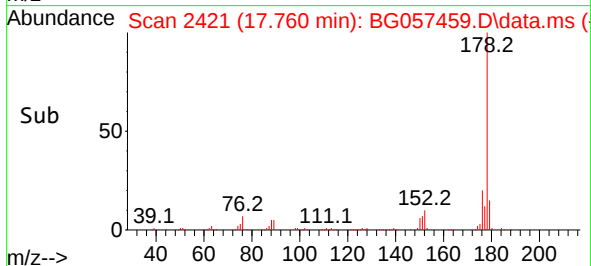


Tgt Ion:178 Resp: 29018
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 15.3 12.3 18.5

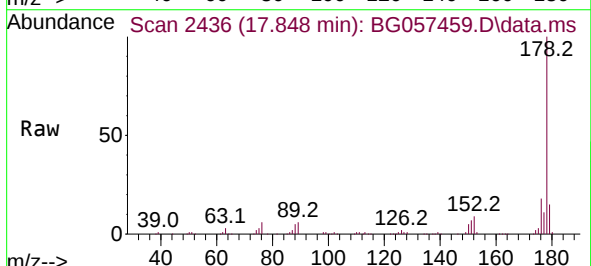
Manual Integrations

APPROVED

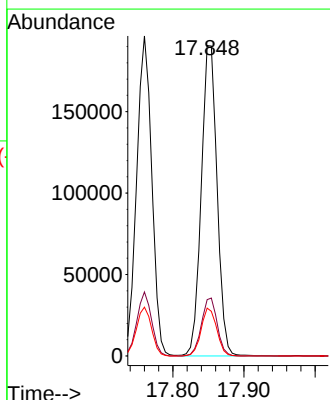
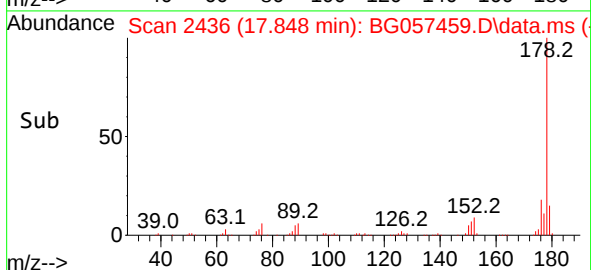
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

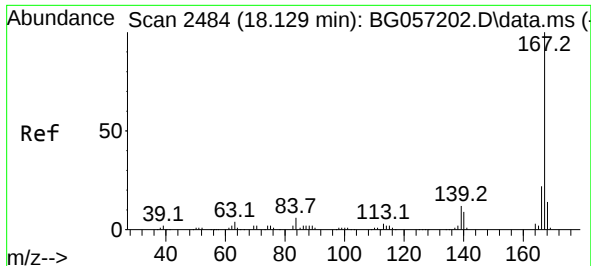


#72
Anthracene
Concen: 40.269 ng
RT: 17.848 min Scan# 2436
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:178 Resp: 295267
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.4 13.2 19.8





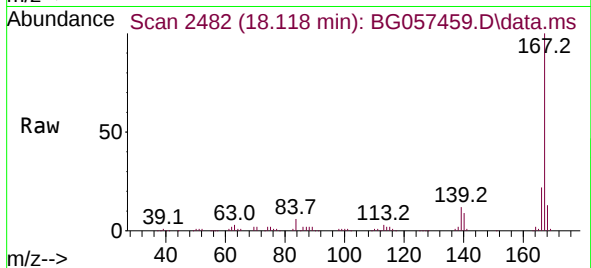
#73
Carbazole
Concen: 40.207 ng
RT: 18.118 min Scan# 24819
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

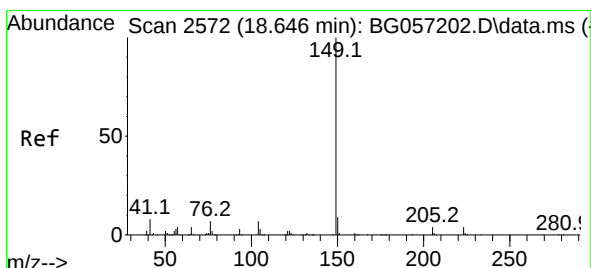
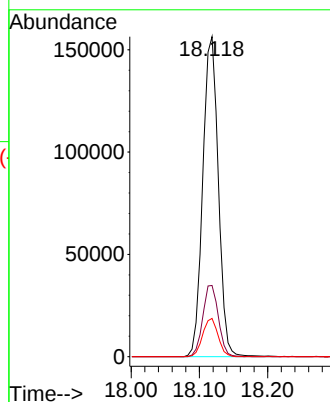
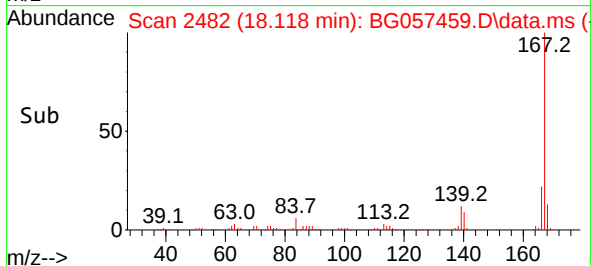


Tgt Ion:167 Resp: 24819
Ion Ratio Lower Upper
167 100
166 22.3 17.4 26.0
139 12.0 9.6 14.4

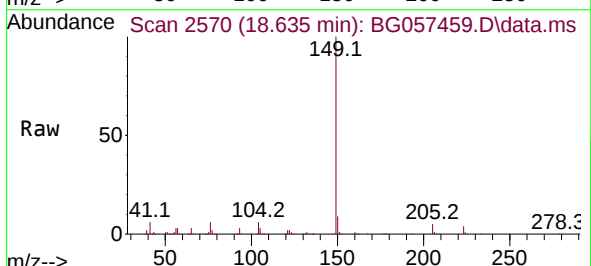
Manual Integrations

APPROVED

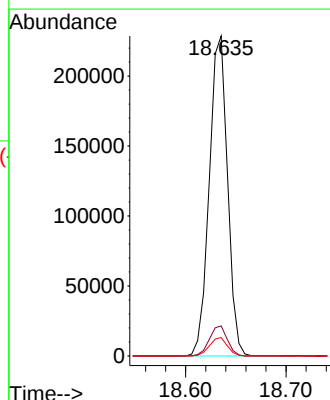
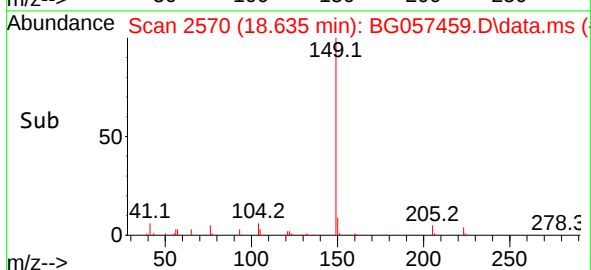
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

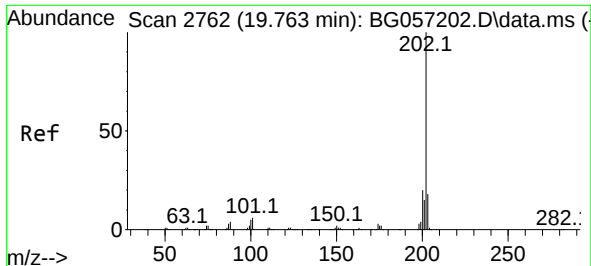


#74
Di-n-butylphthalate
Concen: 40.709 ng
RT: 18.635 min Scan# 2570
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



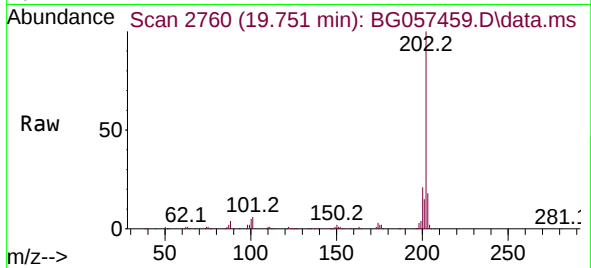
Tgt Ion:149 Resp: 289124
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.7 5.4 8.2





#75
Fluoranthene
Concen: 40.316 ng
RT: 19.751 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

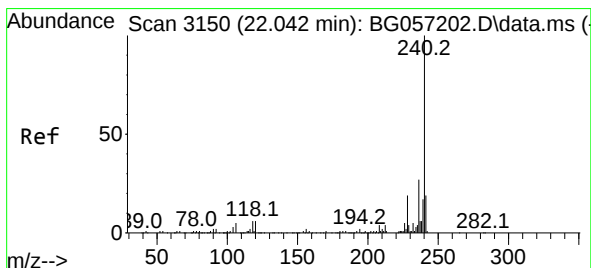
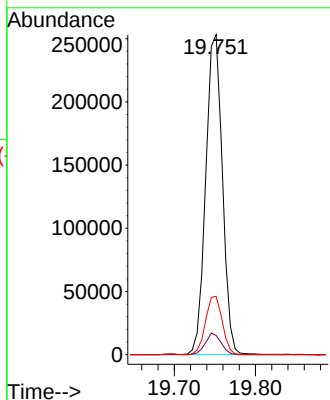
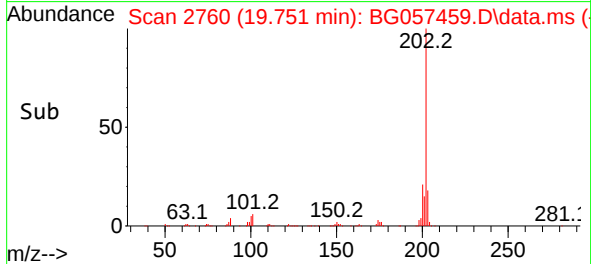
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



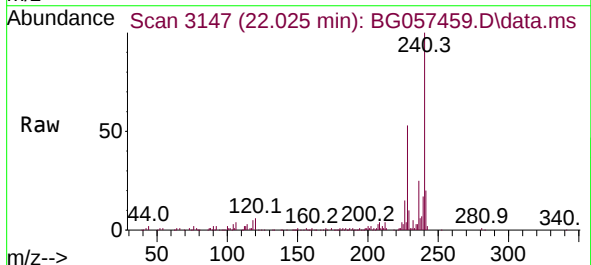
Tgt Ion:202 Resp: 35831
Ion Ratio Lower Upper
202 100
101 6.0 0.0 26.2
203 18.2 0.0 37.9

Manual Integrations
APPROVED

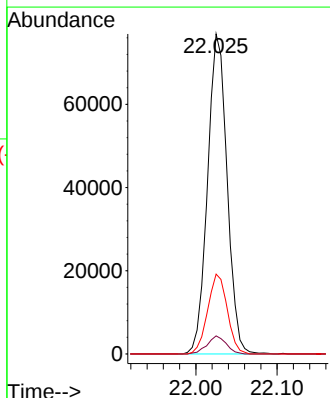
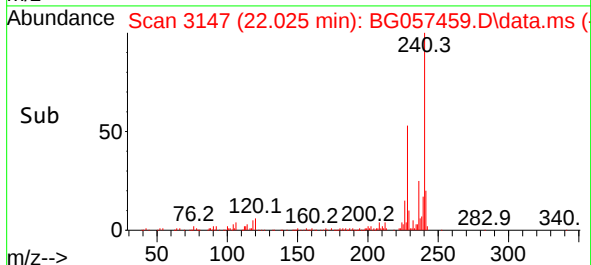
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

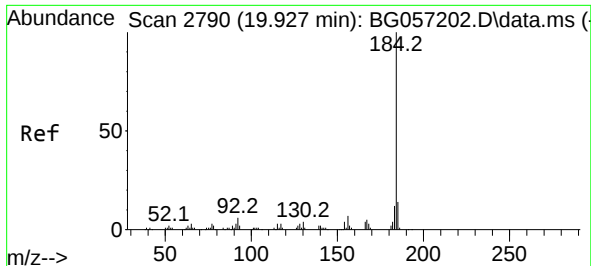


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



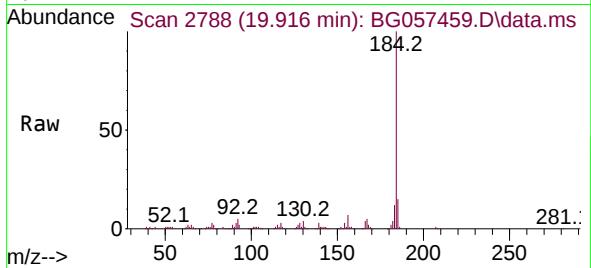
Tgt Ion:240 Resp: 128312
Ion Ratio Lower Upper
240 100
120 5.7 4.9 7.3
236 25.0 21.4 32.2





#77
Benzidine
Concen: 51.061 ng
RT: 19.916 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

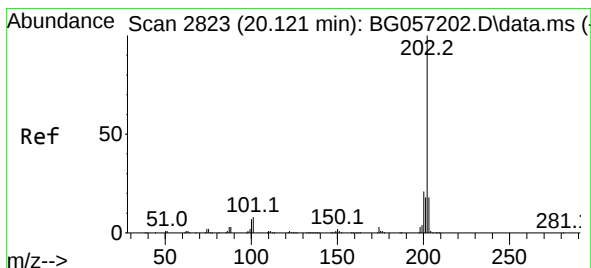
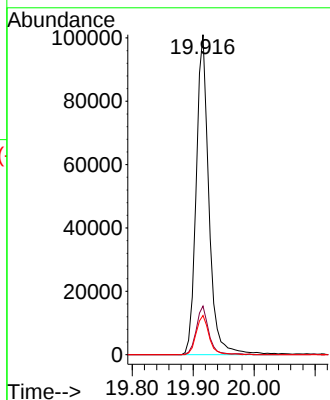
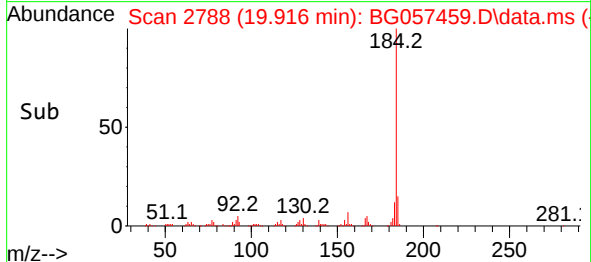
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



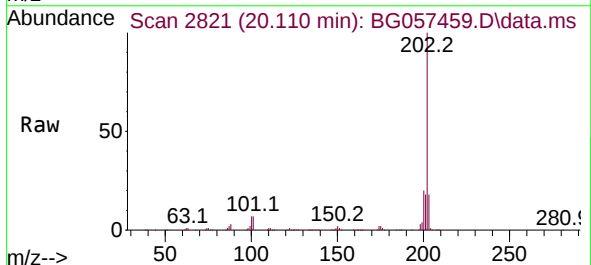
Tgt Ion:184 Resp: 146474
Ion Ratio Lower Upper
184 100
185 15.2 11.1 16.7
183 12.2 9.9 14.9

Manual Integrations
APPROVED

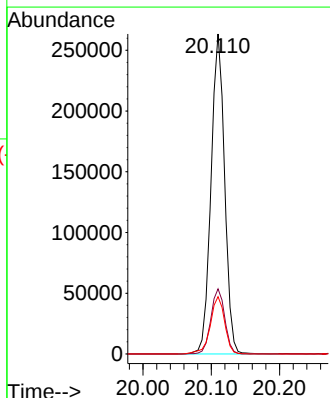
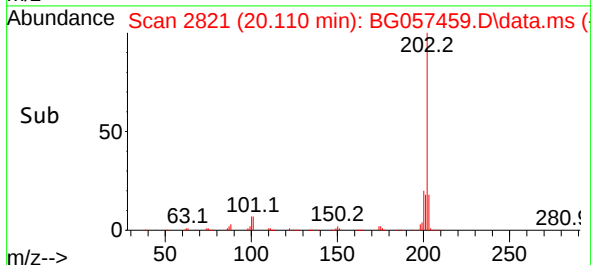
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

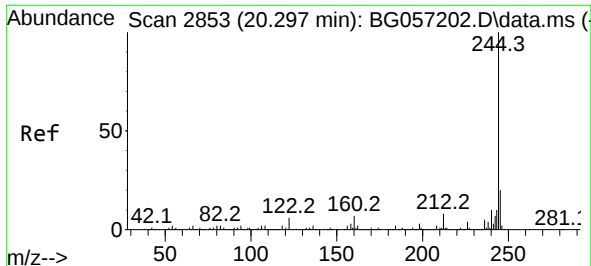


#78
Pyrene
Concen: 39.177 ng
RT: 20.110 min Scan# 2821
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:202 Resp: 365288
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.4
203 17.9 14.2 21.4





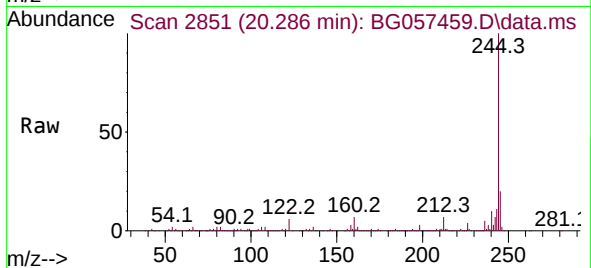
#79
 Terphenyl-d14
 Concen: 77.408 ng
 RT: 20.286 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057459.D
 Acq: 18 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

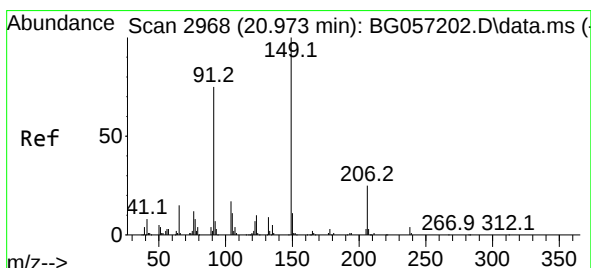
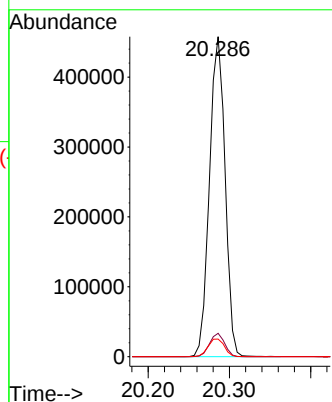
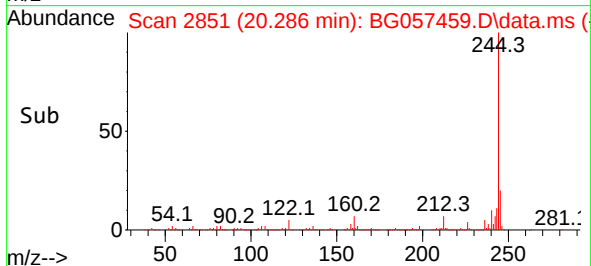


Tgt Ion:244 Resp: 608629
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.5 5.1 7.7

Manual Integrations

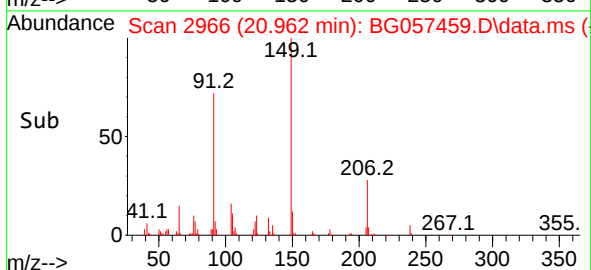
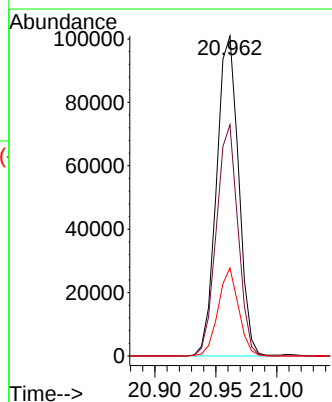
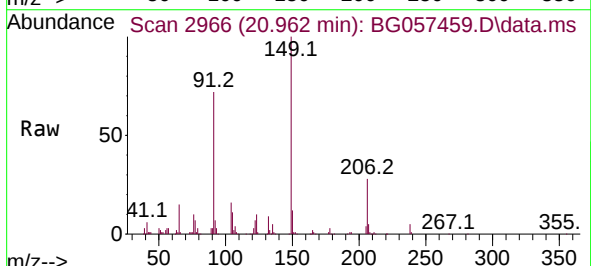
APPROVED

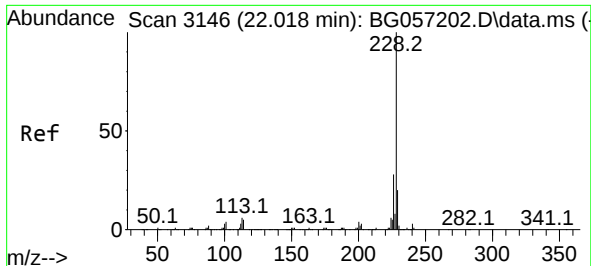
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#80
 Butylbenzylphthalate
 Concen: 43.044 ng
 RT: 20.962 min Scan# 2966
 Delta R.T. -0.002 min
 Lab File: BG057459.D
 Acq: 18 May 2023 15:13

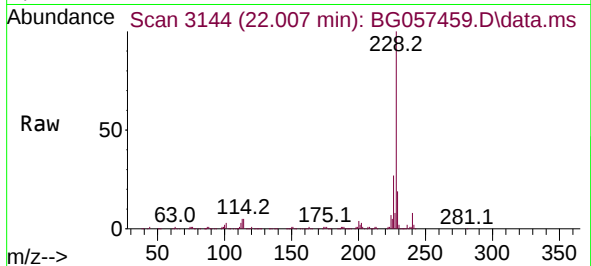
Tgt Ion:149 Resp: 127341
 Ion Ratio Lower Upper
 149 100
 91 72.3 59.7 89.5
 206 27.5 19.7 29.5





#81
Benzo(a)anthracene
Concen: 40.072 ng
RT: 22.007 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

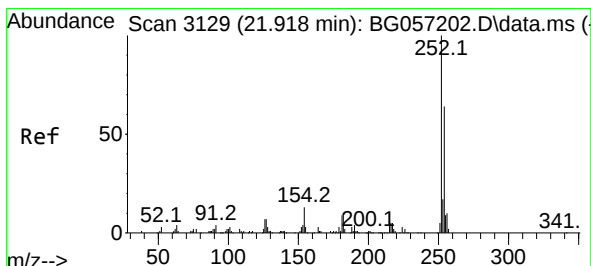
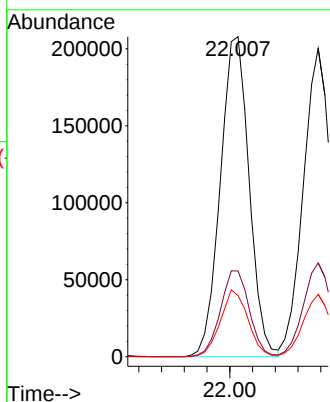
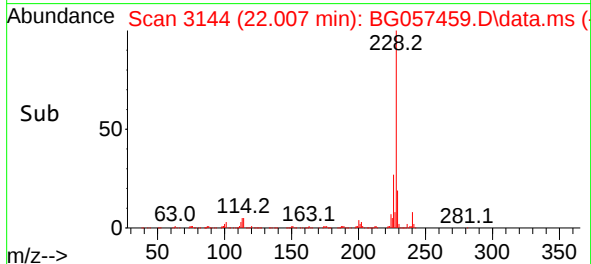
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



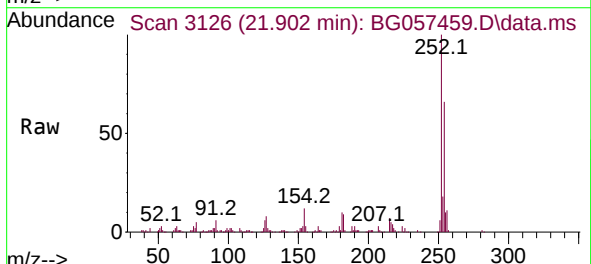
Tgt Ion:228 Resp: 36633
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 19.1 15.8 23.8

Manual Integrations
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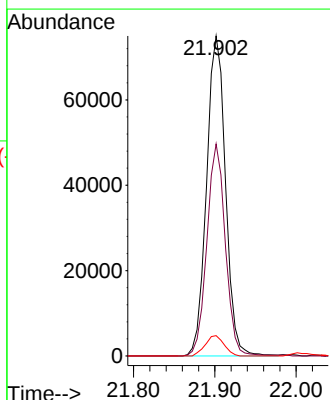
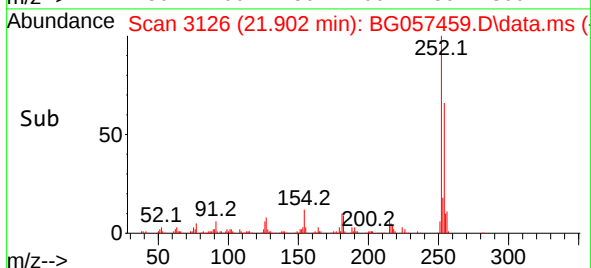
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

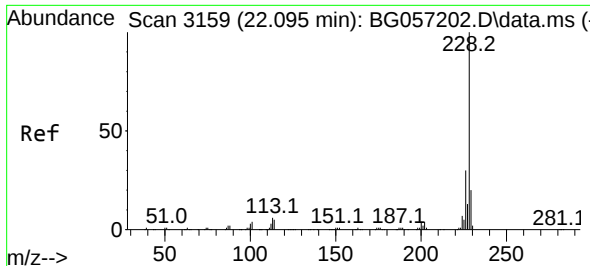


#82
3,3'-Dichlorobenzidine
Concen: 41.485 ng
RT: 21.902 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



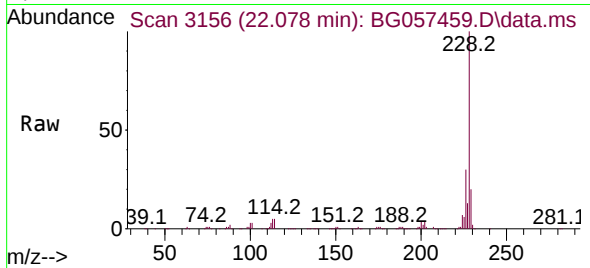
Tgt Ion:252 Resp: 121474
Ion Ratio Lower Upper
252 100
254 66.3 51.4 77.0
126 6.4 5.9 8.9





#83
Chrysene
Concen: 39.717 ng
RT: 22.078 min Scan# 3156
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

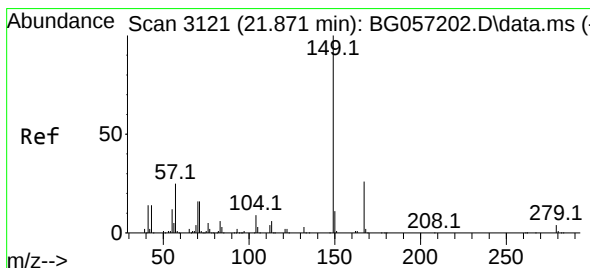
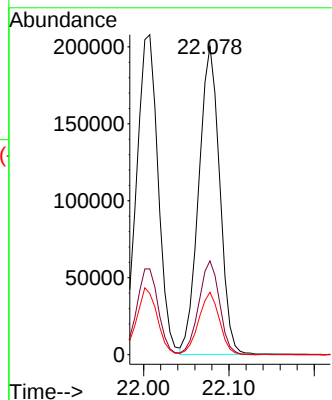
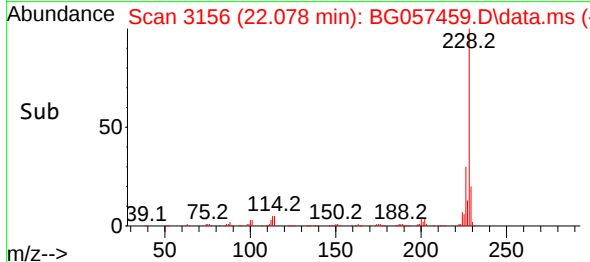
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:228 Resp: 34162
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 20.2 15.9 23.9

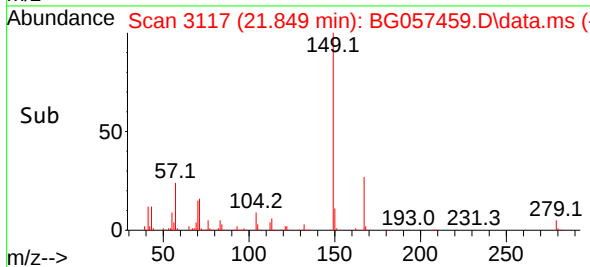
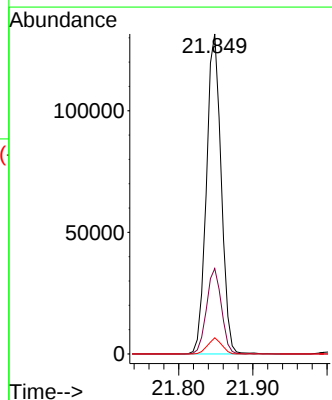
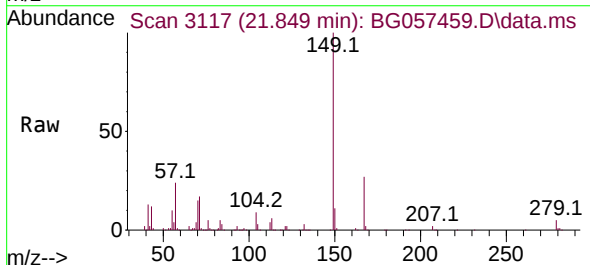
Manual Integrations
APPROVED

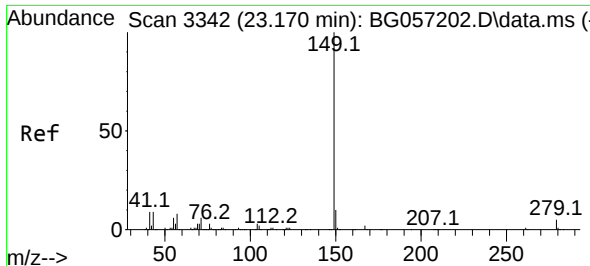
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.468 ng
RT: 21.849 min Scan# 3117
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

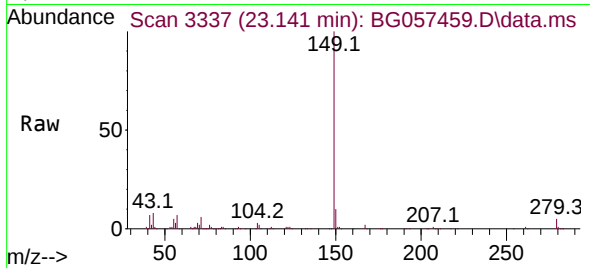
Tgt Ion:149 Resp: 181510
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 5.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 41.707 ng
RT: 23.141 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

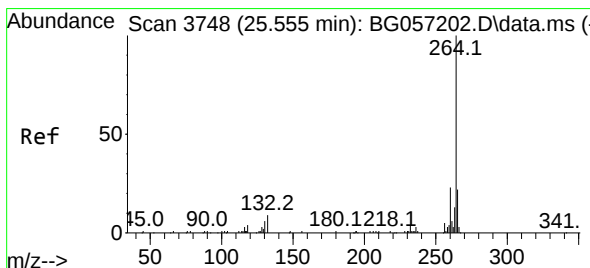
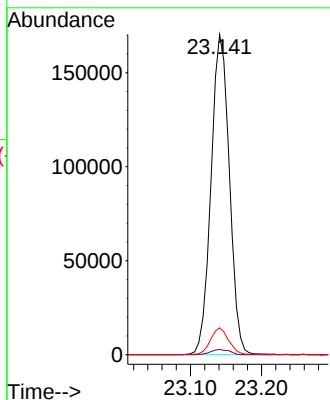
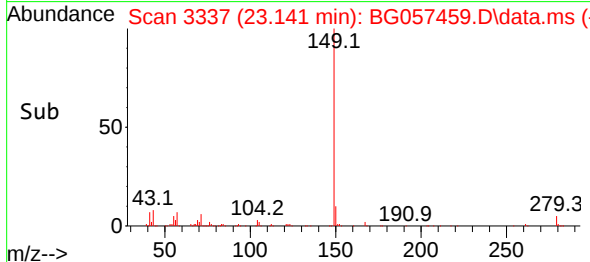
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



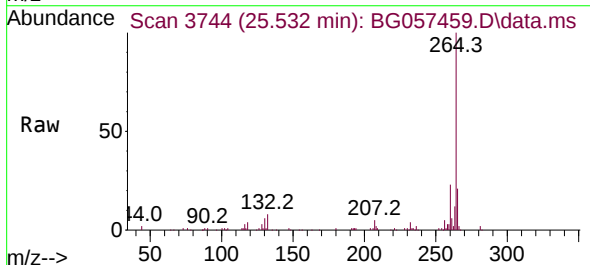
Tgt Ion:149 Resp: 30434
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 7.8 11.8

Manual Integrations
APPROVED

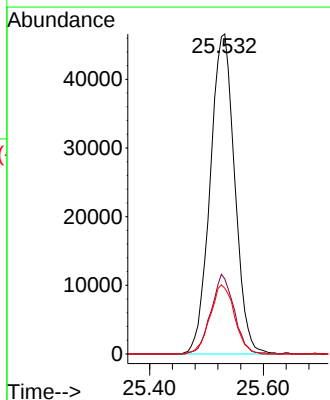
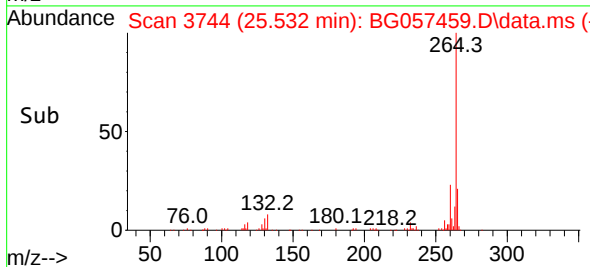
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

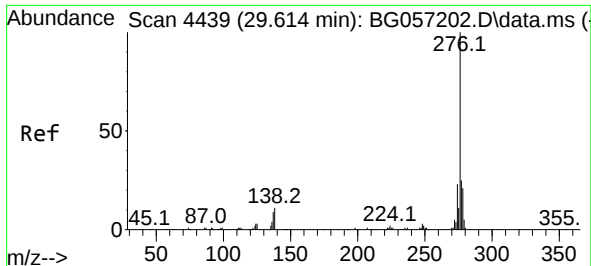


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.532 min Scan# 3744
Delta R.T. -0.002 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



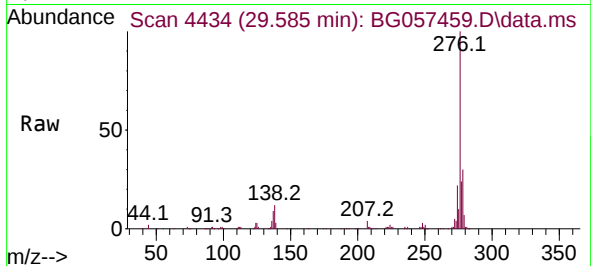
Tgt Ion:264 Resp: 139618
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 20.6 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.025 ng
RT: 29.585 min Scan# 4439
Delta R.T. -0.014 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

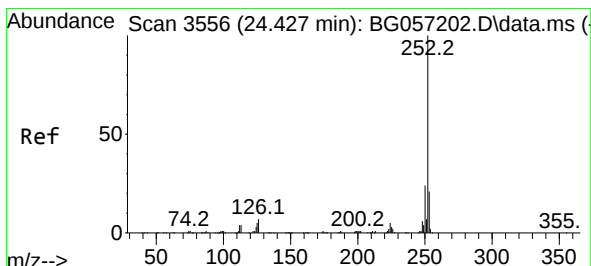
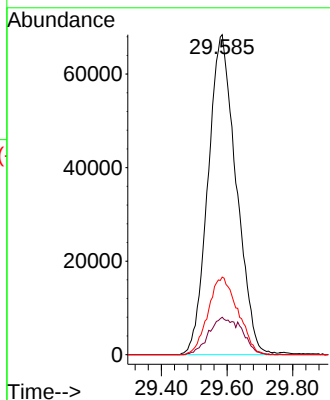
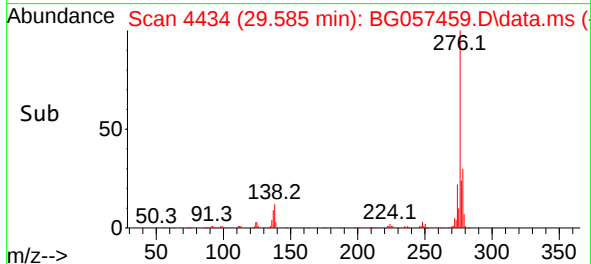
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



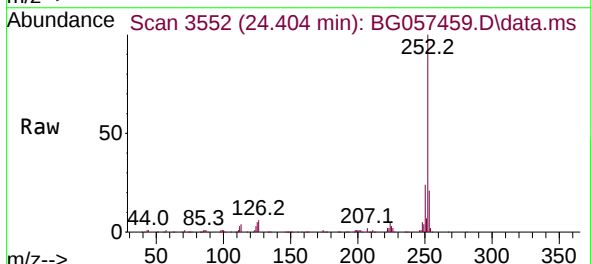
Tgt Ion:276 Resp: 40727
Ion Ratio Lower Upper
276 100
138 10.2 5.4 8.0
277 25.6 20.6 30.8

Manual Integrations
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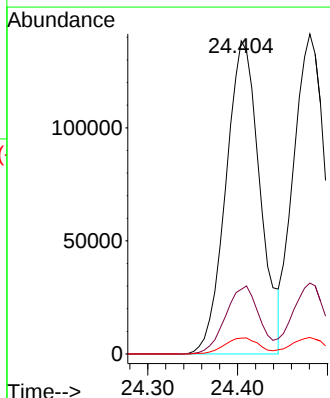
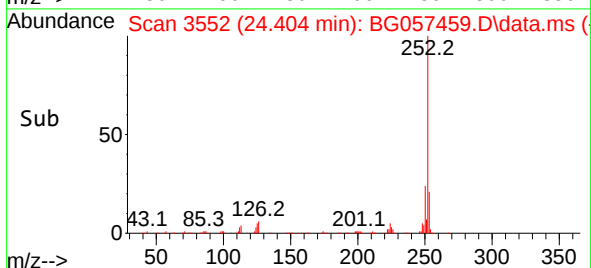
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

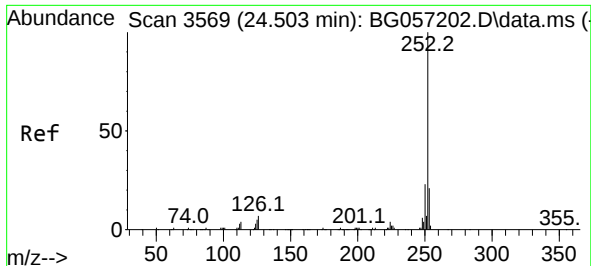


#88
Benzo(b)fluoranthene
Concen: 40.052 ng
RT: 24.404 min Scan# 3552
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



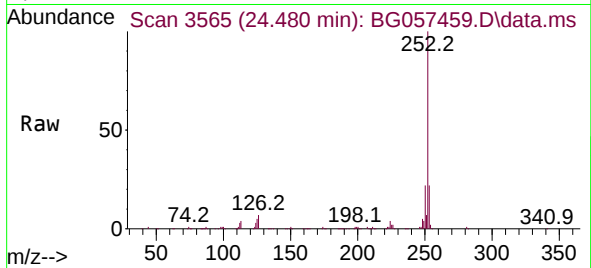
Tgt Ion:252 Resp: 365544
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 5.0 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 37.750 ng
RT: 24.480 min Scan# 3110
Delta R.T. -0.008 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

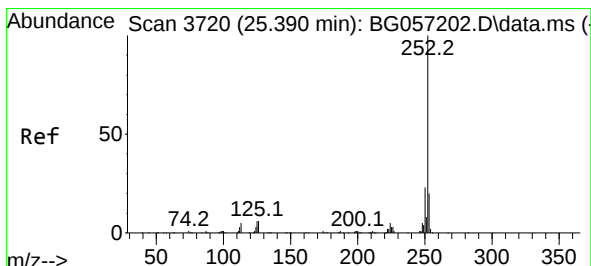
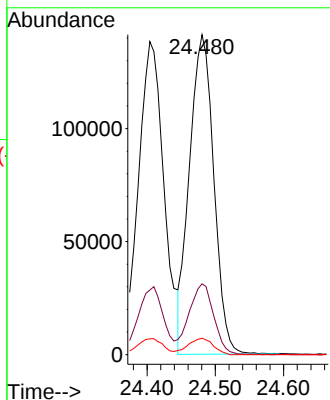
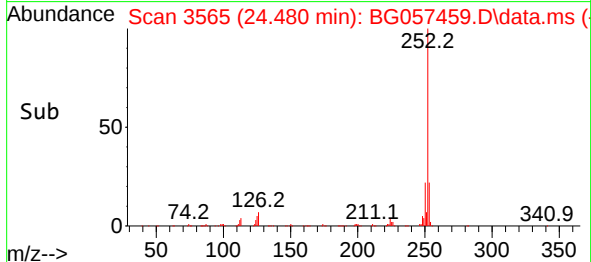
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



Tgt Ion:252 Resp: 350110
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 5.1 4.1 6.1

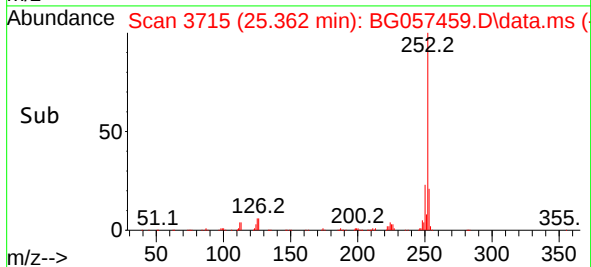
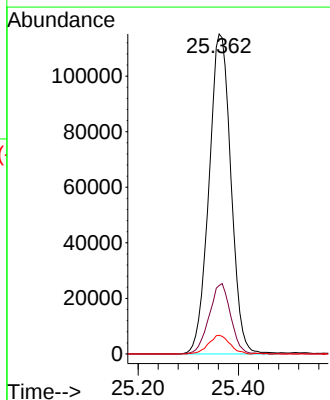
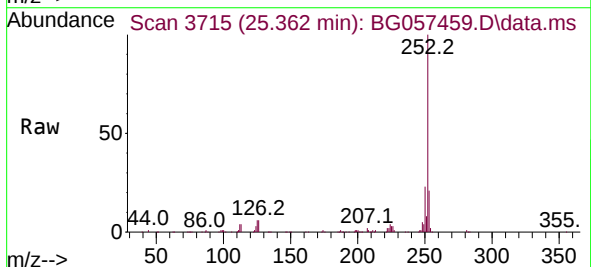
Manual Integrations
APPROVED

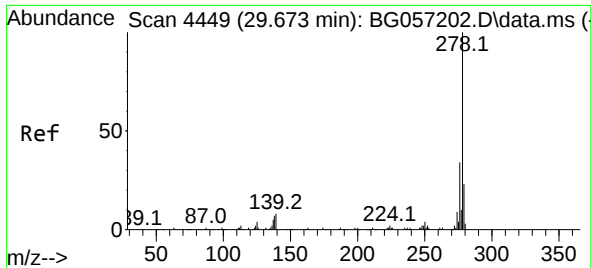
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#90
Benzo(a)pyrene
Concen: 39.206 ng
RT: 25.362 min Scan# 3715
Delta R.T. -0.014 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

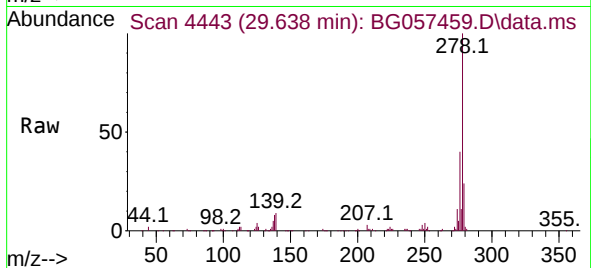
Tgt Ion:252 Resp: 349584
Ion Ratio Lower Upper
252 100
253 21.4 16.3 24.5
125 5.8 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 39.806 ng
RT: 29.638 min Scan# 4443
Delta R.T. -0.014 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13

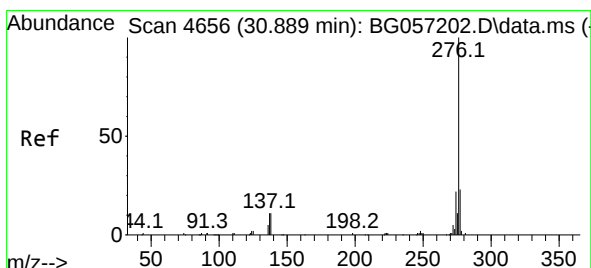
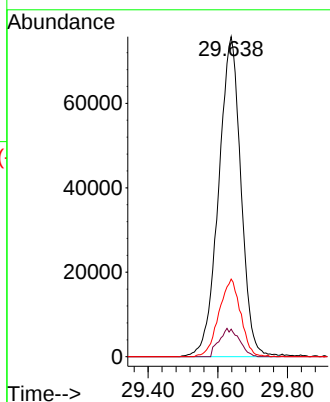
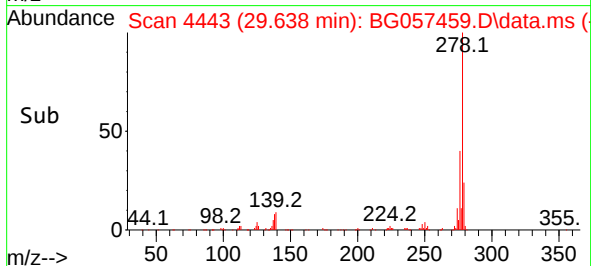
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC



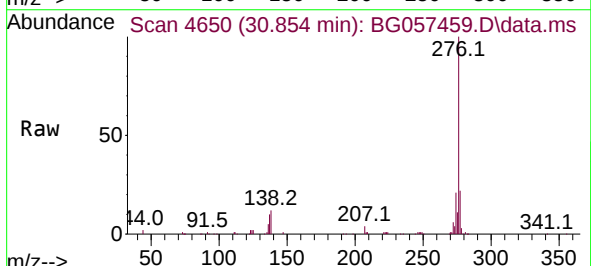
Tgt Ion:278 Resp: 337320
Ion Ratio Lower Upper
278 100
139 8.6 6.2 9.2
279 24.3 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#92
Benzo(g,h,i)perylene
Concen: 40.543 ng
RT: 30.854 min Scan# 4650
Delta R.T. -0.020 min
Lab File: BG057459.D
Acq: 18 May 2023 15:13



Tgt Ion:276 Resp: 335467
Ion Ratio Lower Upper
276 100
277 22.4 18.4 27.6
138 11.7 9.0 13.4

