

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057094.D
 Acq On : 14 Apr 2023 10:28
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/17/2023
 Supervised By : Jagrut Upadhyay 04/17/2023

Quant Time: Apr 14 12:09:43 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Apr 13 05:15:23 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	15703	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	65404	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	48432	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	115428	20.000	ng	0.00
76) Chrysene-d12	22.071	240	97268	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	105594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	80247	81.788	ng	0.00
7) Phenol-d6	7.532	99	122003	83.139	ng	0.00
23) Nitrobenzene-d5	9.582	82	125416	78.462	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	61388	79.342	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	285186	79.847	ng	0.00
79) Terphenyl-d14	20.321	244	475804	82.775	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.714	88	17852	41.506	ng	96
3) Pyridine	4.137	79	58993	42.584	ng	99
4) n-Nitrosodimethylamine	4.043	42	23955	37.610	ng	87
6) Aniline	7.714	93	75519	40.256	ng	97
8) 2-Chlorophenol	7.961	128	40615	41.559	ng	93
9) Benzaldehyde	7.526	77	34353	37.323	ng	92
10) Phenol	7.562	94	60211	41.409	ng	95
11) bis(2-Chloroethyl)ether	7.802	93	44419	42.886	ng	95
12) 1,3-Dichlorobenzene	8.290	146	43389	40.180	ng	95
13) 1,4-Dichlorobenzene	8.437	146	44553	40.879	ng	93
14) 1,2-Dichlorobenzene	8.766	146	42380	40.249	ng	93
15) Benzyl Alcohol	8.631	79	47375	38.853	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.925	45	56156	44.987	ng	96
17) 2-Methylphenol	8.836	107	43796	42.218	ng	90
18) Hexachloroethane	9.506	117	15868	39.834	ng	91
19) n-Nitroso-di-n-propyla...	9.201	70	43405	41.353	ng	97
20) 3+4-Methylphenols	9.165	107	58819	40.548	ng	95
22) Acetophenone	9.230	105	76063	39.083	ng	# 97
24) Nitrobenzene	9.624	77	61250	37.480	ng	95
25) Isophorone	10.140	82	115894	38.075	ng	97
26) 2-Nitrophenol	10.340	139	24978	39.598	ng	# 89
27) 2,4-Dimethylphenol	10.381	122	43811	39.337	ng	98
28) bis(2-Chloroethoxy)met...	10.616	93	60447	39.667	ng	95
29) 2,4-Dichlorophenol	10.881	162	44026	36.757	ng	96
30) 1,2,4-Trichlorobenzene	11.098	180	48607	38.194	ng	94
31) Naphthalene	11.298	128	139860	39.232	ng	98
32) Benzoic acid	10.516	122	28464m	37.206	ng	
33) 4-Chloroaniline	11.392	127	65308	40.562	ng	93
34) Hexachlorobutadiene	11.568	225	34616	36.210	ng	96
35) Caprolactam	12.161	113	15134	36.638	ng	91
36) 4-Chloro-3-methylphenol	12.484	107	50654	37.816	ng	89
37) 2-Methylnaphthalene	12.872	142	107554	38.013	ng	98
38) 1-Methylnaphthalene	13.084	142	102629	38.629	ng	99
40) 1,2,4,5-Tetrachloroben...	13.230	216	65170	38.804	ng	99
41) Hexachlorocyclopentadiene	13.207	237	36074	38.984	ng	94
43) 2,4,6-Trichlorophenol	13.460	196	42763	39.901	ng	96

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Instrument :
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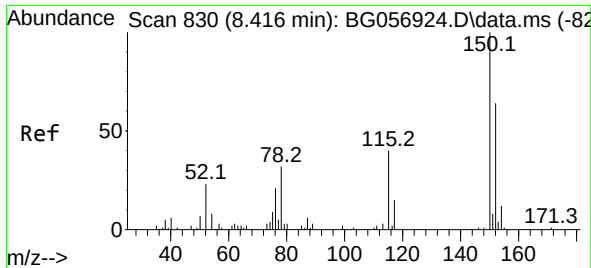
Quant Time: Apr 14 12:09:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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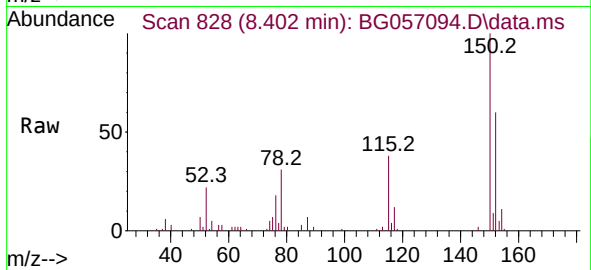
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	49479	38.971	ng	98
46) 1,1'-Biphenyl	13.853	154	145912	41.156	ng	97
47) 2-Chloronaphthalene	13.906	162	108460	41.363	ng	95
48) 2-Nitroaniline	14.100	65	37942	40.467	ng	92
49) Acenaphthylene	14.746	152	174653	40.540	ng	98
50) Dimethylphthalate	14.452	163	152851	40.054	ng	100
51) 2,6-Dinitrotoluene	14.576	165	33892	41.106	ng	95
52) Acenaphthene	15.081	154	118174	39.772	ng	92
53) 3-Nitroaniline	14.911	138	33550	41.110	ng	98
54) 2,4-Dinitrophenol	15.116	184	18789	40.486	ng	96
55) Dibenzofuran	15.410	168	179937	40.349	ng	97
56) 4-Nitrophenol	15.204	139	24058	39.865	ng	# 85
57) 2,4-Dinitrotoluene	15.363	165	46760	40.211	ng	95
58) Fluorene	16.056	166	146562	39.716	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.633	232	43644m	37.754	ng	
60) Diethylphthalate	15.798	149	153305	40.073	ng	99
61) 4-Chlorophenyl-phenyle...	16.033	204	83648	38.607	ng	97
62) 4-Nitroaniline	16.068	138	35712	42.235	ng	# 81
63) Azobenzene	16.326	77	154085	40.415	ng	96
65) 4,6-Dinitro-2-methylph...	16.127	198	29042	41.543	ng	97
66) n-Nitrosodiphenylamine	16.250	169	127573	41.171	ng	99
67) 4-Bromophenyl-phenylether	16.931	248	54560	38.202	ng	94
68) Hexachlorobenzene	17.061	284	57504	40.725	ng	95
69) Atrazine	17.178	200	47674	37.065	ng	95
70) Pentachlorophenol	17.401	266	35341	34.888	ng	96
71) Phenanthrene	17.801	178	230373	39.145	ng	99
72) Anthracene	17.889	178	236604	39.219	ng	98
73) Carbazole	18.153	167	201978	38.399	ng	95
74) Di-n-butylphthalate	18.670	149	241332	39.622	ng	99
75) Fluoranthene	19.786	202	276419	37.052	ng	98
77) Benzidine	19.951	184	107146	40.301	ng	99
78) Pyrene	20.145	202	276440	41.091	ng	96
80) Butylbenzylphthalate	21.002	149	102889	44.443	ng	92
81) Benzo(a)anthracene	22.054	228	273072	40.570	ng	100
82) 3,3'-Dichlorobenzidine	21.948	252	92366	40.638	ng	96
83) Chrysene	22.124	228	257064	40.789	ng	98
84) Bis(2-ethylhexyl)phtha...	21.901	149	150420	44.871	ng	97
85) Di-n-octyl phthalate	23.211	149	247147	43.749	ng	99
87) Indeno(1,2,3-cd)pyrene	29.685	276	313783	40.209	ng	98
88) Benzo(b)fluoranthene	24.474	252	268083	40.599	ng	# 98
89) Benzo(k)fluoranthene	24.545	252	272131	41.282	ng	# 98
90) Benzo(a)pyrene	25.443	252	262730	40.491	ng	97
91) Dibenzo(a,h)anthracene	29.755	278	261822	40.816	ng	96
92) Benzo(g,h,i)perylene	30.965	276	251814	40.090	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

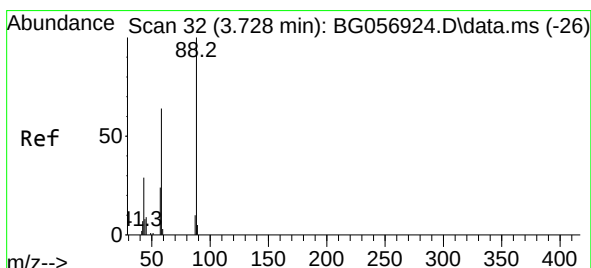
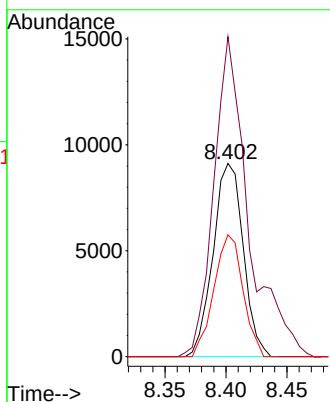
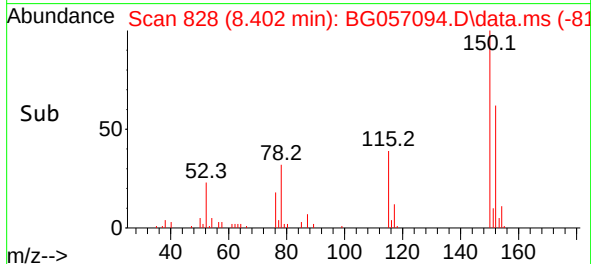
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 1570
Ion Ratio Lower Upper
152 100
150 165.6 124.1 186.1
115 63.1 49.1 73.7

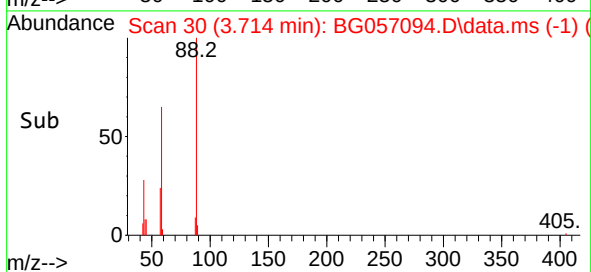
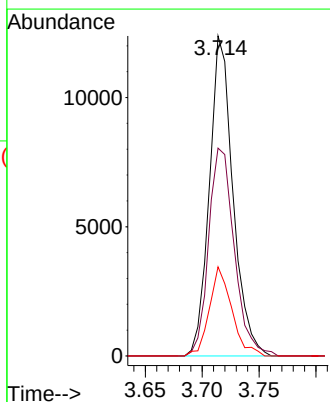
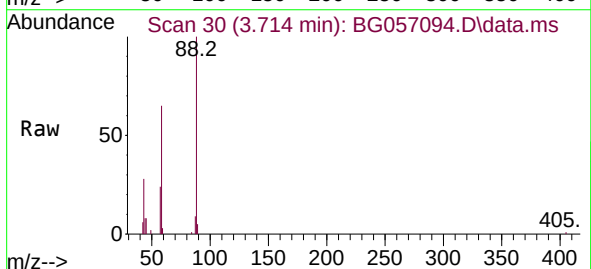
Manual Integrations
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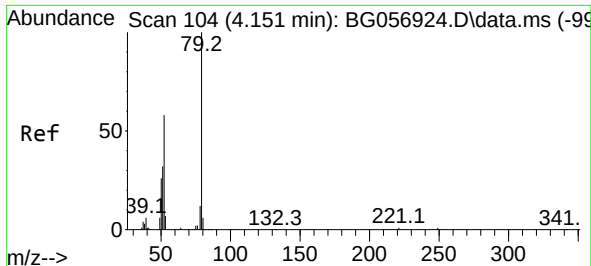
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#2
1,4-Dioxane
Concen: 41.506 ng
RT: 3.714 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion: 88 Resp: 17852
Ion Ratio Lower Upper
88 100
58 70.6 55.9 83.9
43 26.5 25.7 38.5





#3
 Pyridine
 Concen: 42.584 ng
 RT: 4.137 min Scan# 104
 Delta R.T. -0.010 min
 Lab File: BG057094.D
 Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

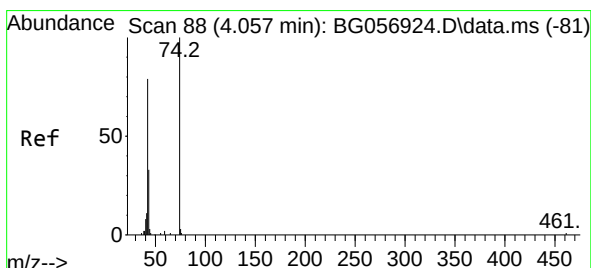
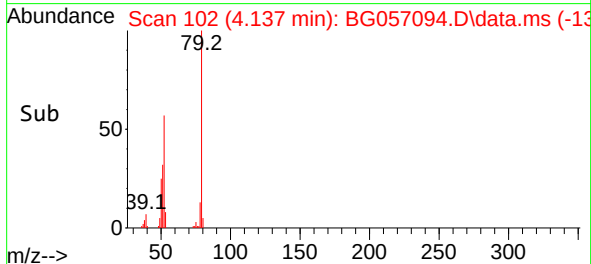
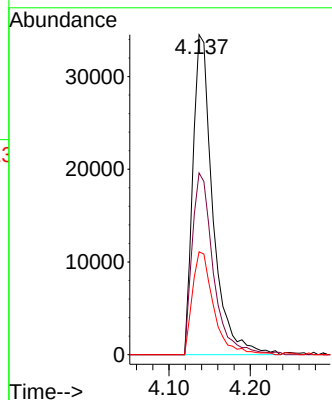
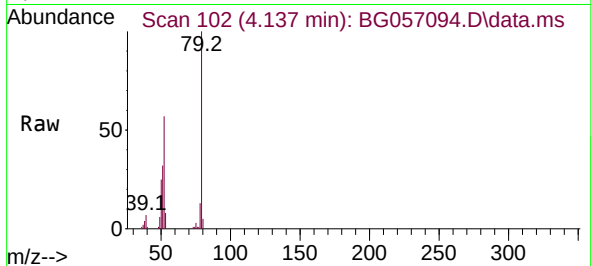
SSTDCCC040

Tgt Ion: 79 Resp: 5899
 Ion Ratio Lower Upper
 79 100
 52 56.8 46.1 69.1
 51 32.1 26.1 39.1

Manual Integrations

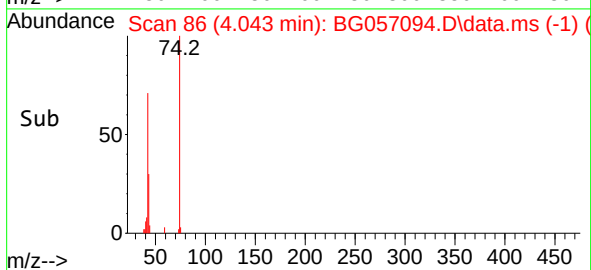
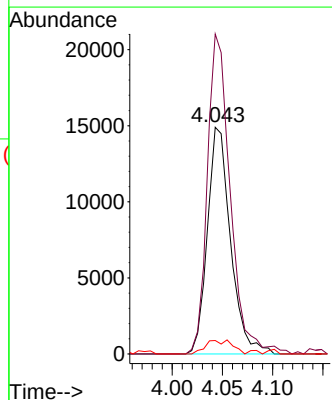
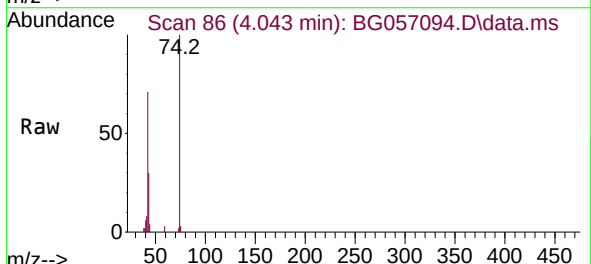
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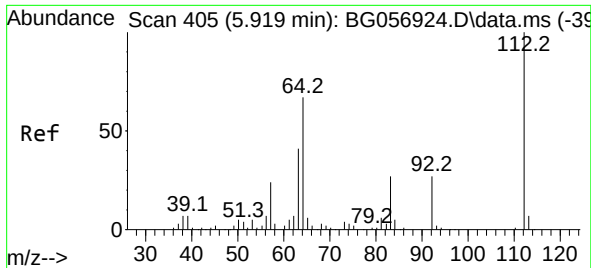
Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023



#4
 n-Nitrosodimethylamine
 Concen: 37.610 ng
 RT: 4.043 min Scan# 86
 Delta R.T. -0.010 min
 Lab File: BG057094.D
 Acq: 14 Apr 2023 10:28

Tgt Ion: 42 Resp: 23955
 Ion Ratio Lower Upper
 42 100
 74 141.2 100.6 151.0
 44 5.9 4.6 7.0





#5
2-Fluorophenol
Concen: 81.788 ng
RT: 5.911 min Scan# 405
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

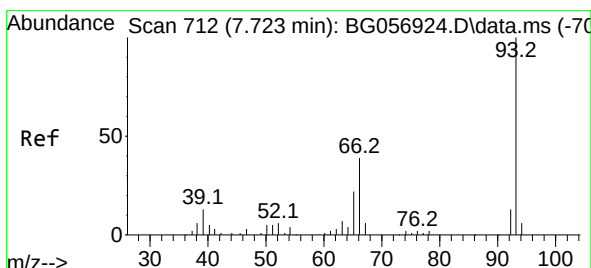
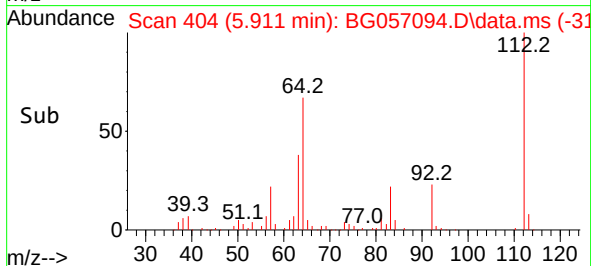
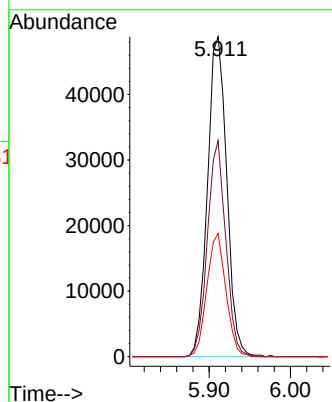
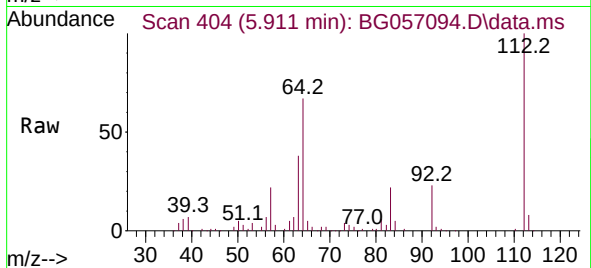
SSTDCCC040

Tgt Ion:112 Resp: 8024
Ion Ratio Lower Upper
112 100
64 67.5 53.2 79.8
63 38.5 32.6 48.8

Manual Integrations

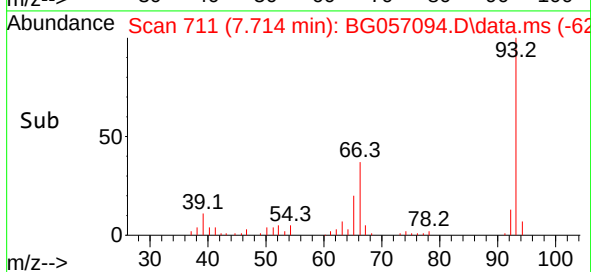
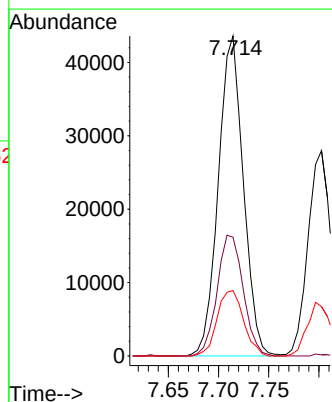
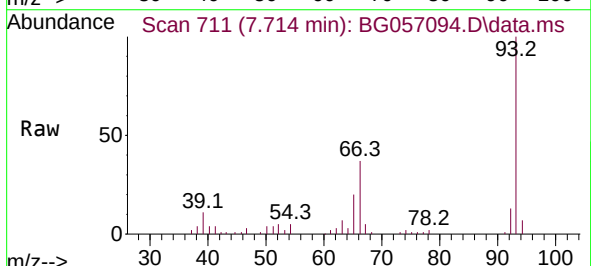
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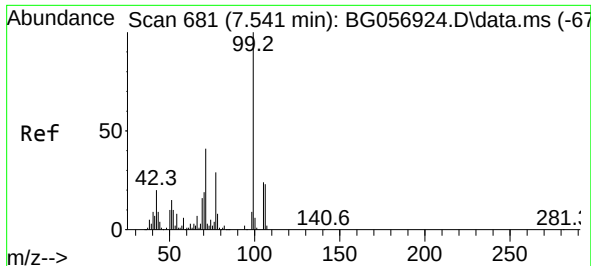
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#6
Aniline
Concen: 40.256 ng
RT: 7.714 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion: 93 Resp: 75519
Ion Ratio Lower Upper
93 100
66 37.1 31.4 47.0
65 20.5 17.3 25.9





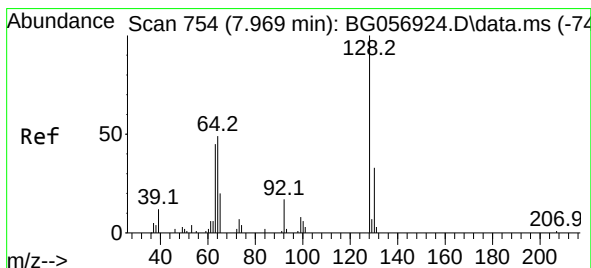
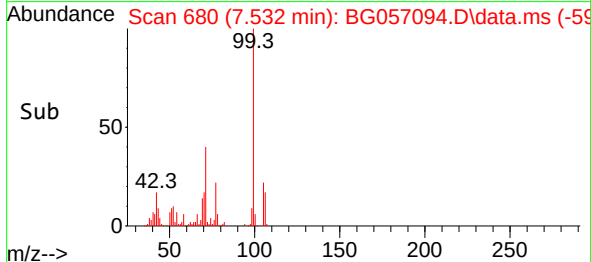
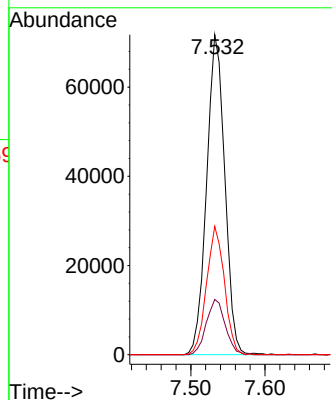
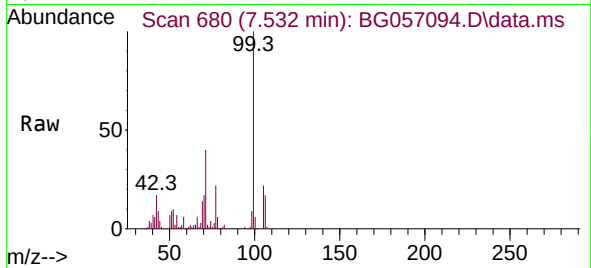
#7
Phenol-d6
Concen: 83.139 ng
RT: 7.532 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 122000
Ion Ratio Lower Upper
99 100
42 17.2 15.7 23.5
71 40.1 32.5 48.7

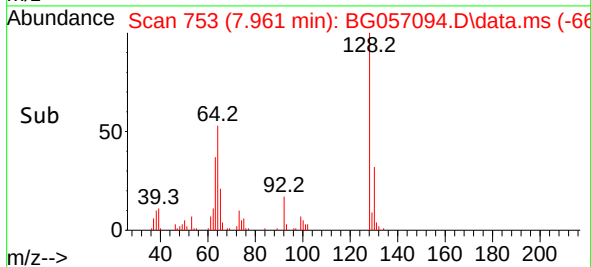
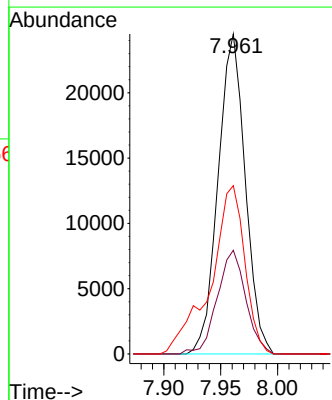
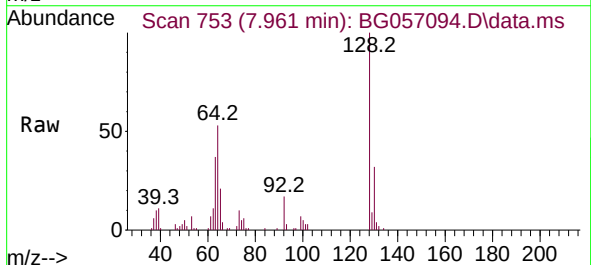
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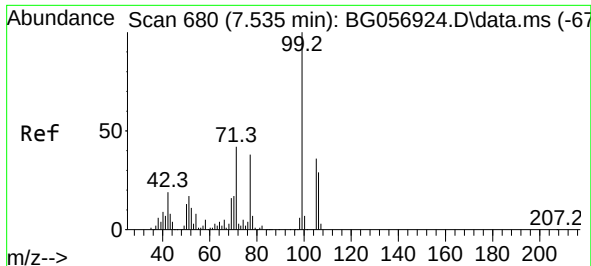
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#8
2-Chlorophenol
Concen: 41.559 ng
RT: 7.961 min Scan# 753
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:128 Resp: 40615
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 52.6 40.6 80.6





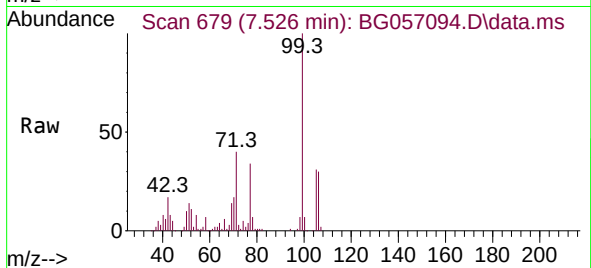
#9
Benzaldehyde
Concen: 37.323 ng
RT: 7.526 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

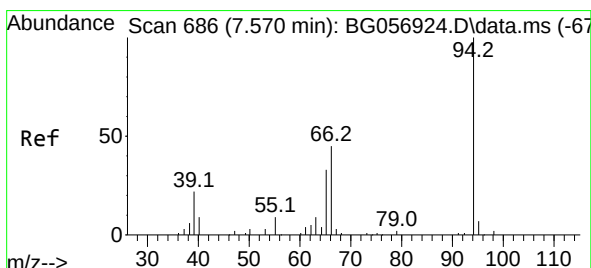
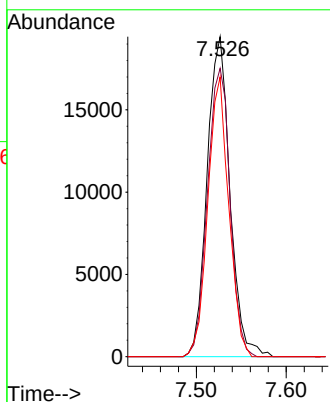
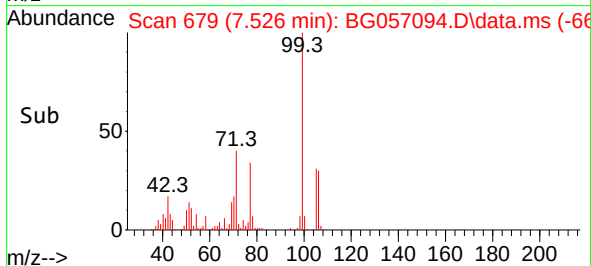


Tgt Ion: 77 Resp: 3435
Ion Ratio Lower Upper
77 100
105 90.1 73.6 113.6
106 87.4 56.7 96.7

Manual Integrations

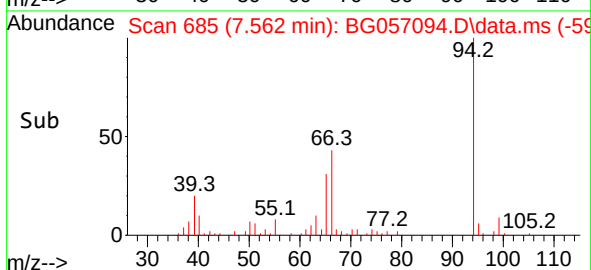
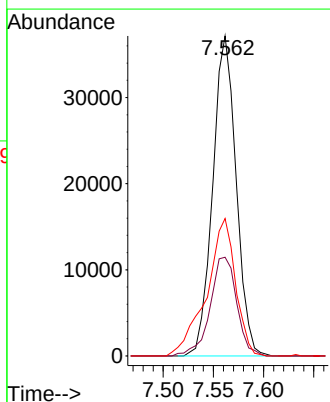
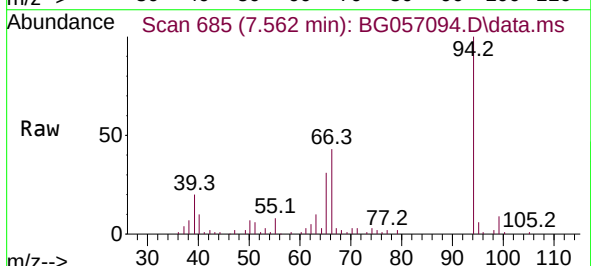
APPROVED

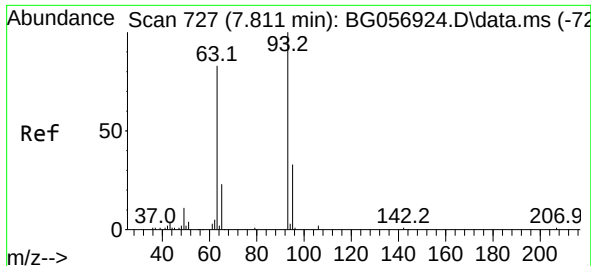
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#10
Phenol
Concen: 41.409 ng
RT: 7.562 min Scan# 685
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

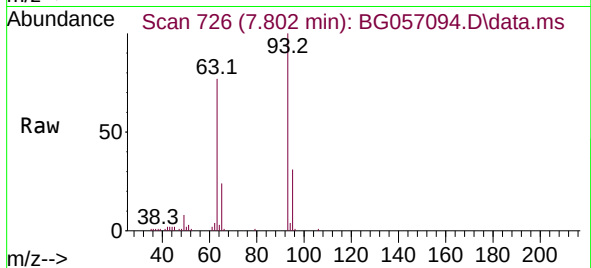
Tgt Ion: 94 Resp: 60211
Ion Ratio Lower Upper
94 100
65 30.9 13.3 53.3
66 43.0 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 42.886 ng
RT: 7.802 min Scan# 709
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

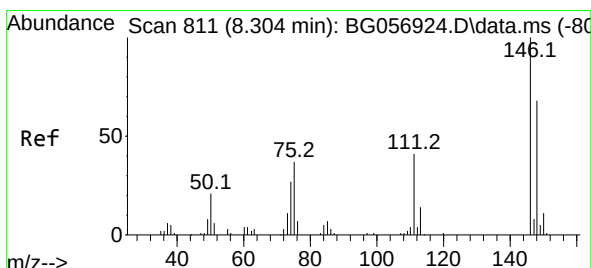
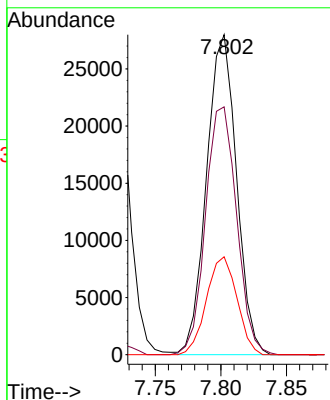
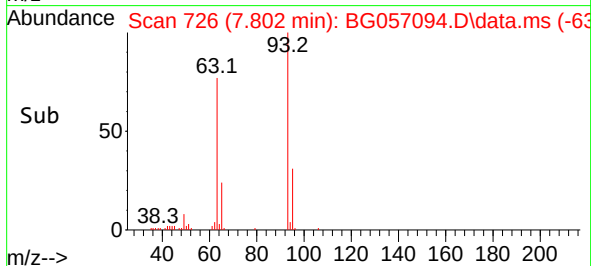
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 44419
Ion Ratio Lower Upper
93 100
63 77.4 62.7 102.7
95 30.6 12.3 52.3

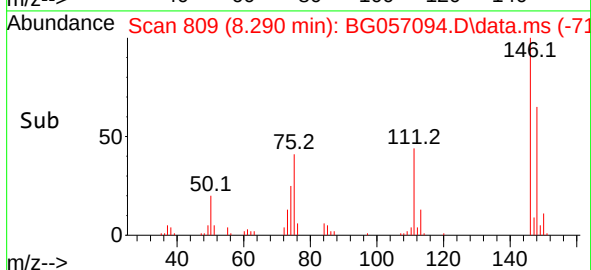
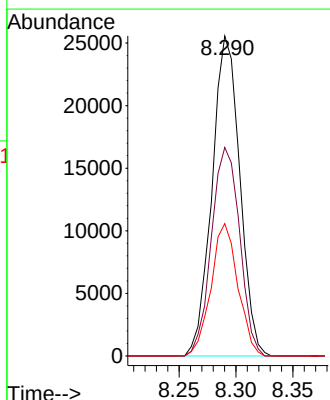
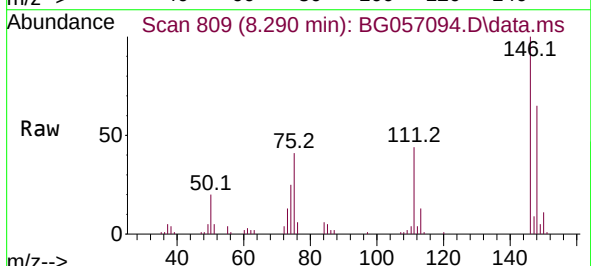
Manual Integrations
APPROVED

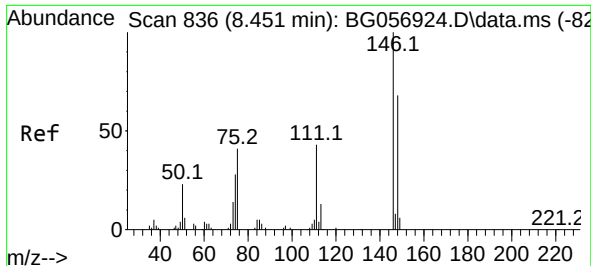
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#12
1,3-Dichlorobenzene
Concen: 40.180 ng
RT: 8.290 min Scan# 809
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:146 Resp: 43389
Ion Ratio Lower Upper
146 100
148 65.2 54.2 81.4
75 41.4 29.8 44.8





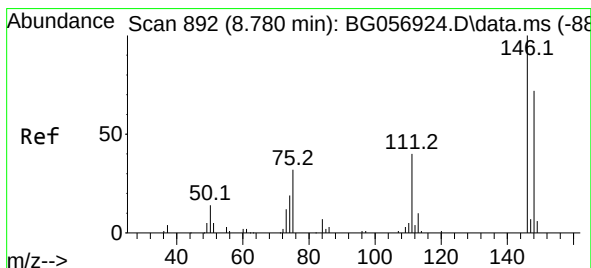
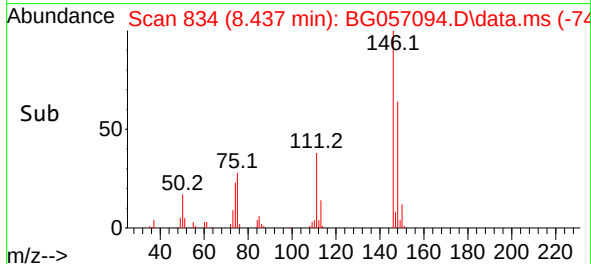
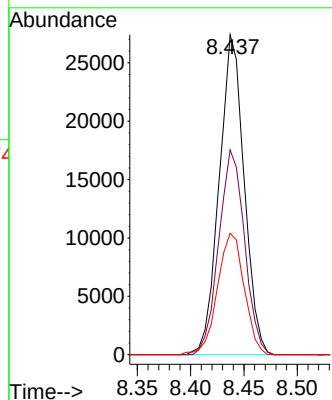
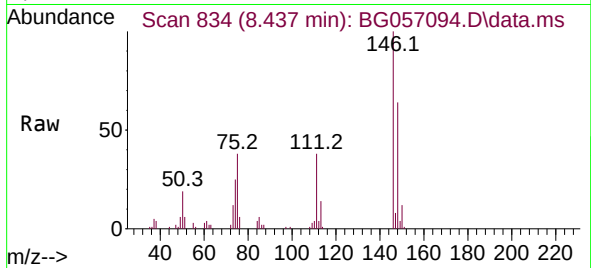
#13
1,4-Dichlorobenzene
Concen: 40.879 ng
RT: 8.437 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 4455
Ion Ratio Lower Upper
146 100
148 64.0 54.8 82.2
111 38.0 34.6 52.0

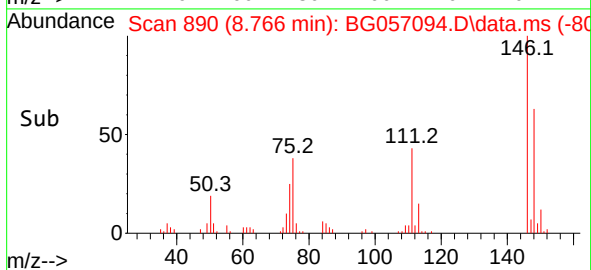
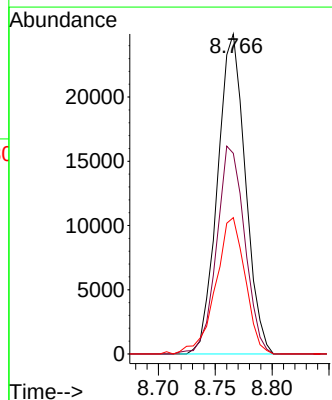
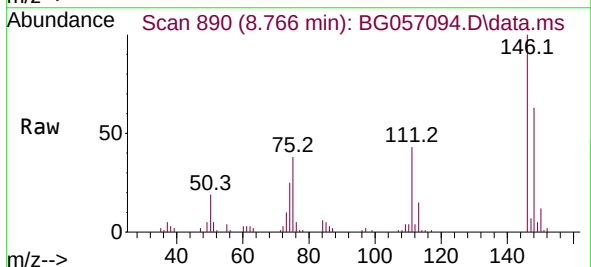
Manual Integrations
APPROVED

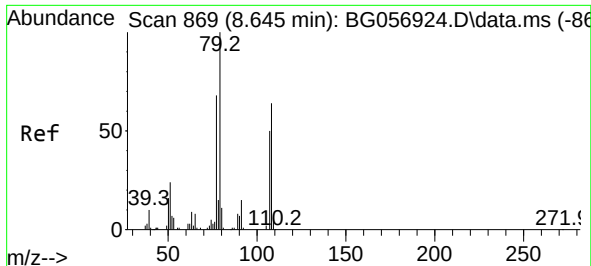
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#14
1,2-Dichlorobenzene
Concen: 40.249 ng
RT: 8.766 min Scan# 890
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:146 Resp: 42380
Ion Ratio Lower Upper
146 100
148 62.7 57.4 86.0
111 42.6 33.2 49.8





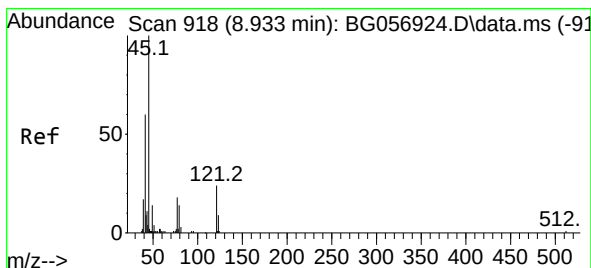
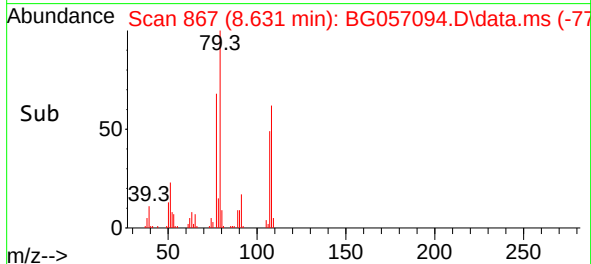
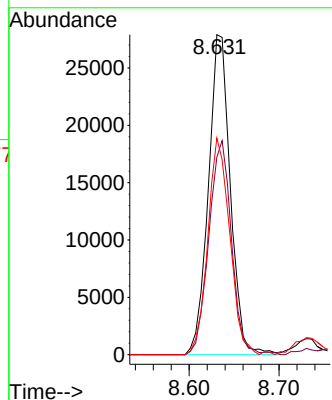
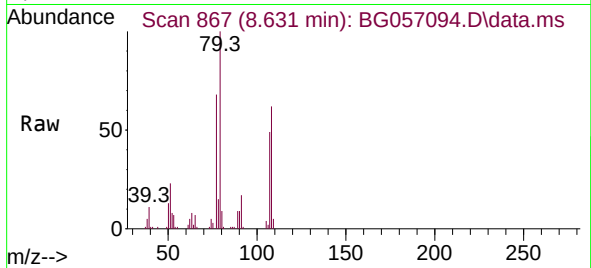
#15
Benzyl Alcohol
Concen: 38.853 ng
RT: 8.631 min Scan# 867
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 47375
Ion Ratio Lower Upper
79 100
108 61.7 51.2 76.8
77 67.7 54.4 81.6

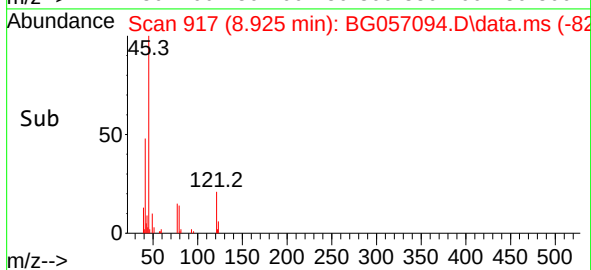
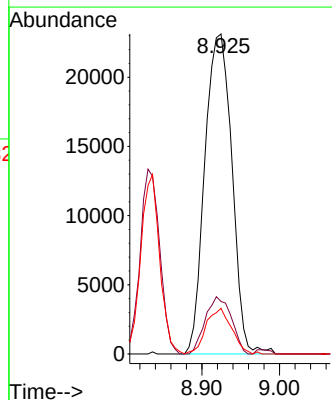
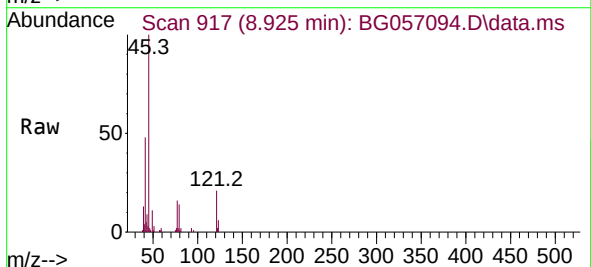
Manual Integrations
APPROVED

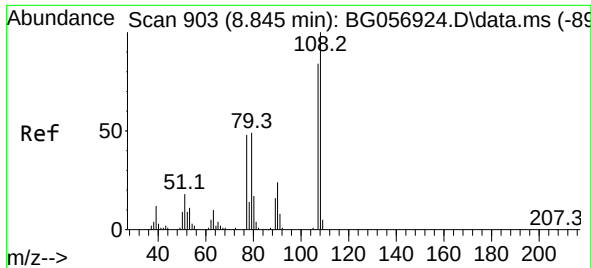
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.987 ng
RT: 8.925 min Scan# 917
Delta R.T. 0.002 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion: 45 Resp: 56156
Ion Ratio Lower Upper
45 100
77 16.4 0.0 38.7
79 14.3 0.0 35.1





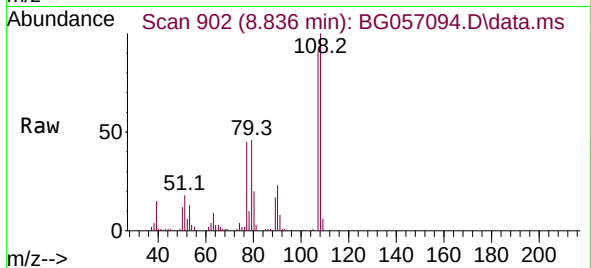
#17
2-Methylphenol
Concen: 42.218 ng
RT: 8.836 min Scan# 903
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

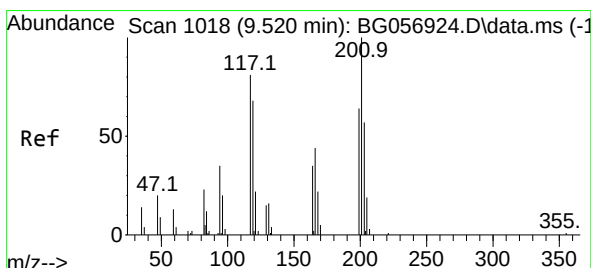
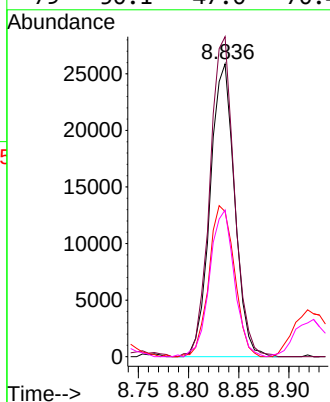
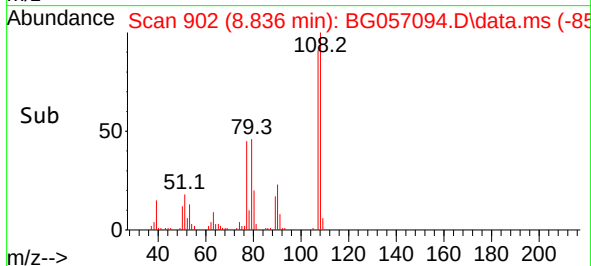


Tgt Ion:	107	Resp:	43790
Ion	Ratio	Lower	Upper
107	100		
108	109.3	96.0	144.0
77	49.6	45.6	68.4
79	50.1	47.0	70.4

Manual Integrations

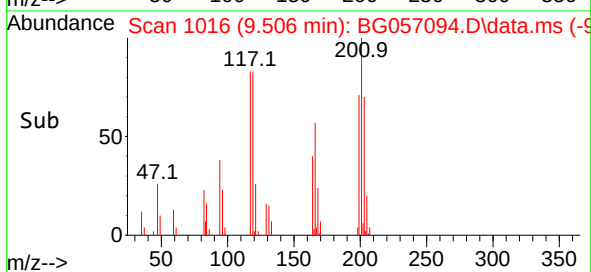
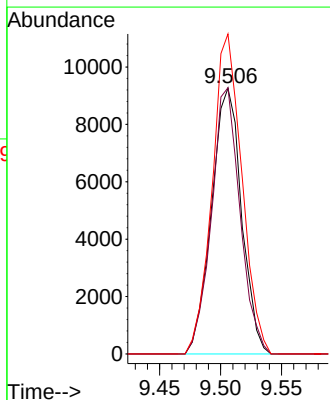
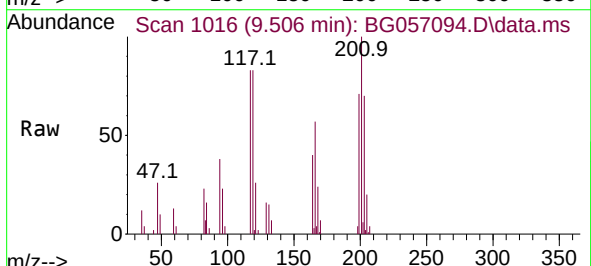
APPROVED

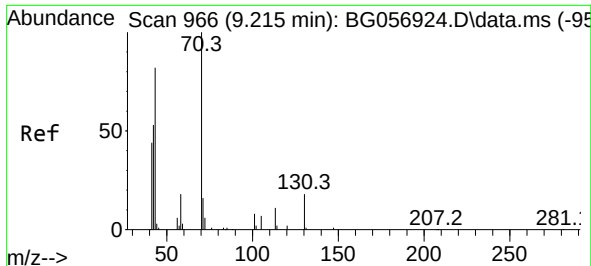
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#18
Hexachloroethane
Concen: 39.834 ng
RT: 9.506 min Scan# 1016
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

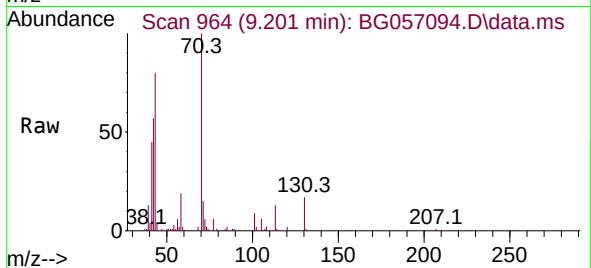
Tgt Ion:	117	Resp:	15868
Ion	Ratio	Lower	Upper
117	100		
119	100.2	67.0	100.6
201	120.4	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.353 ng
RT: 9.201 min Scan# 901
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

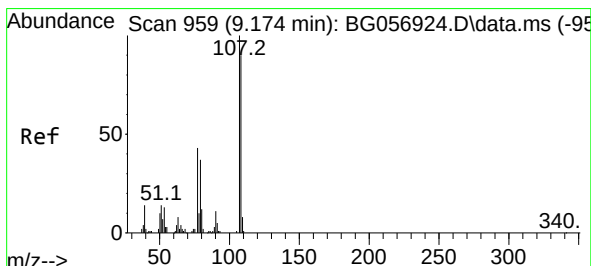
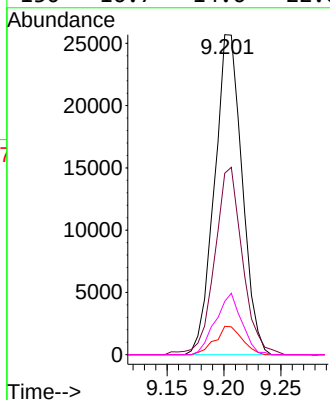
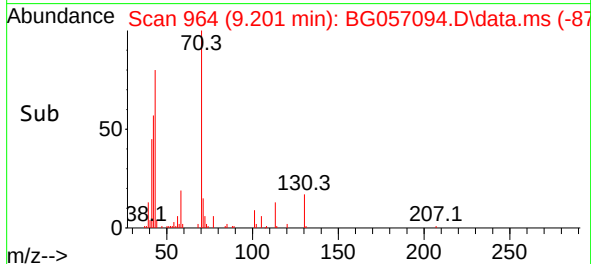
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 4340
Ion Ratio Lower Upper
70 100
42 56.7 43.4 65.0
101 8.8 6.2 9.2
130 16.7 14.6 22.0

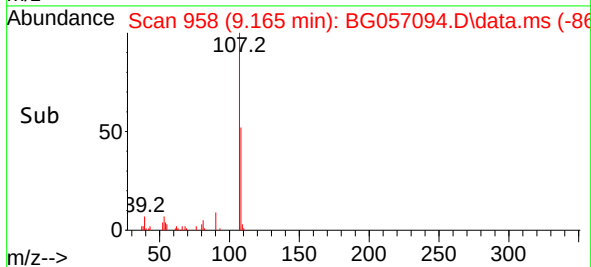
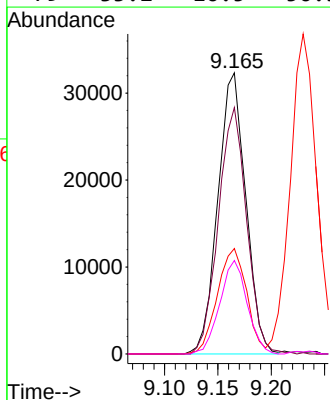
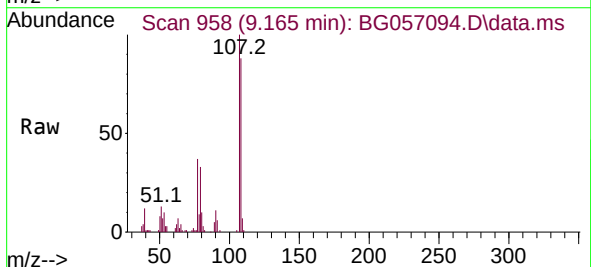
Manual Integrations
APPROVED

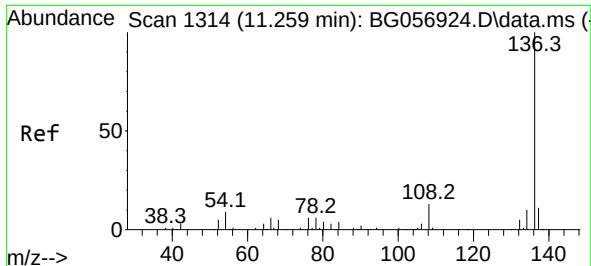
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#20
3+4-Methylphenols
Concen: 40.548 ng
RT: 9.165 min Scan# 958
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:107 Resp: 58819
Ion Ratio Lower Upper
107 100
108 87.6 69.9 109.9
77 37.5 22.7 62.7
79 33.2 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11245
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

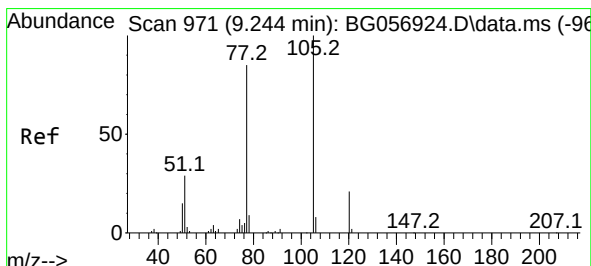
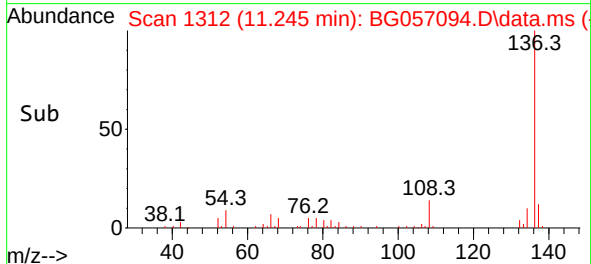
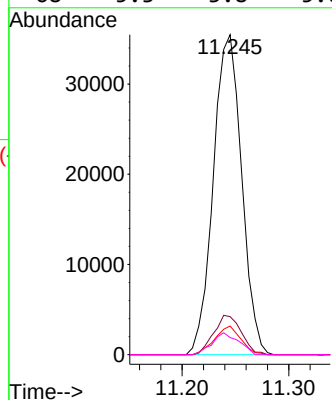
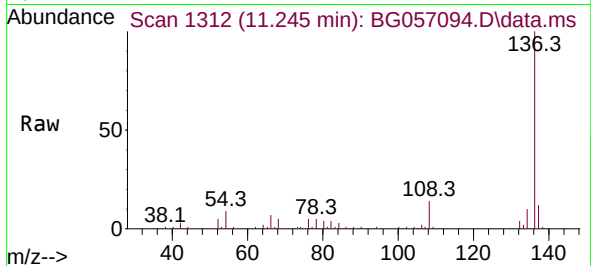
SSTDCCC040

Tgt Ion:136 Resp: 65404
Ion Ratio Lower Upper
136 100
137 11.9 8.6 13.0
54 9.0 6.9 10.3
68 5.3 3.8 5.6

Manual Integrations

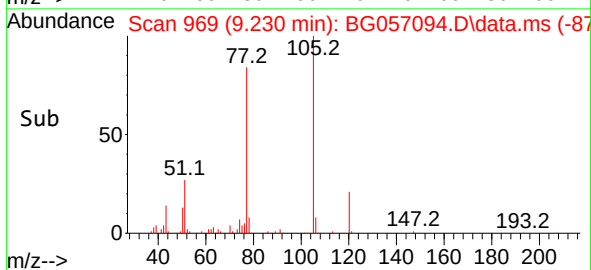
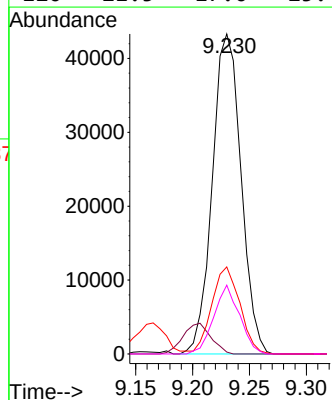
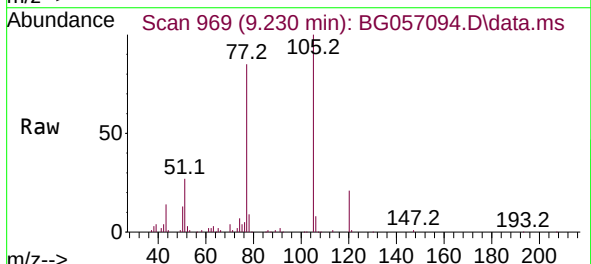
APPROVED

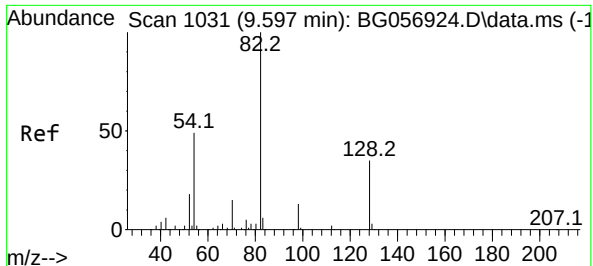
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#22
Acetophenone
Concen: 39.083 ng
RT: 9.230 min Scan# 969
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:105 Resp: 76063
Ion Ratio Lower Upper
105 100
71 0.6 0.7 1.1#
51 27.2 23.8 35.8
120 21.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 78.462 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

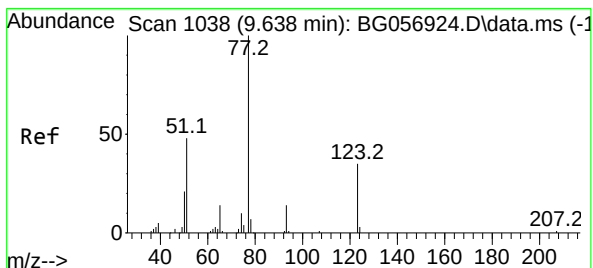
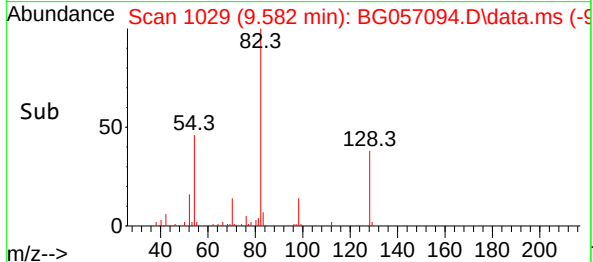
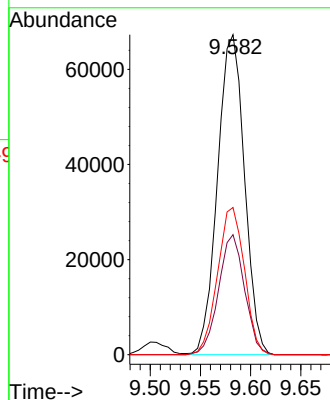
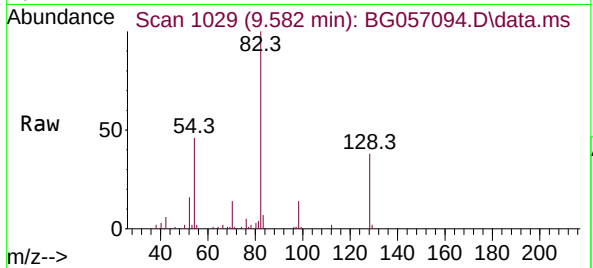
SSTDCCC040

Tgt Ion: 82 Resp: 125410
Ion Ratio Lower Upper
82 100
128 37.5 27.9 41.9
54 46.0 39.4 59.2

Manual Integrations

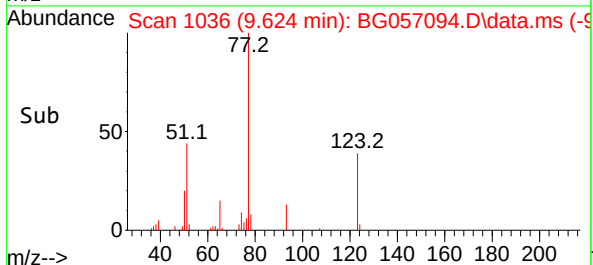
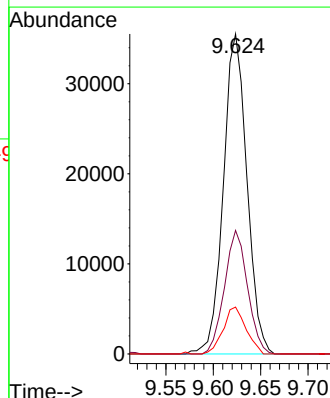
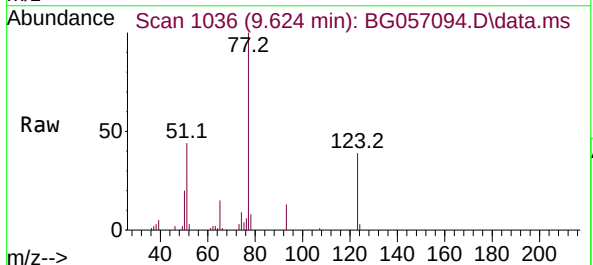
APPROVED

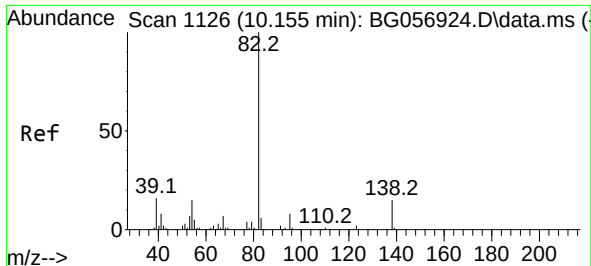
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#24
Nitrobenzene
Concen: 37.480 ng
RT: 9.624 min Scan# 1036
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion: 77 Resp: 61250
Ion Ratio Lower Upper
77 100
123 38.6 27.6 41.4
65 14.6 11.5 17.3





#25
Isophorone
Concen: 38.075 ng
RT: 10.140 min Scan# 1126
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

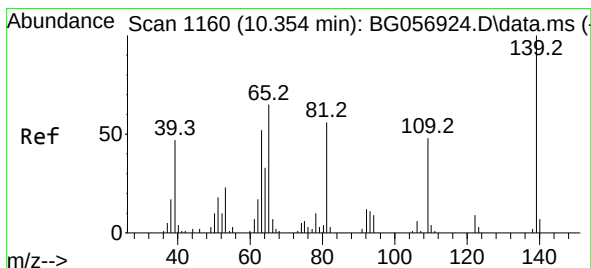
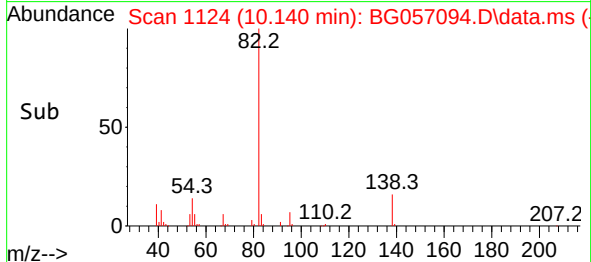
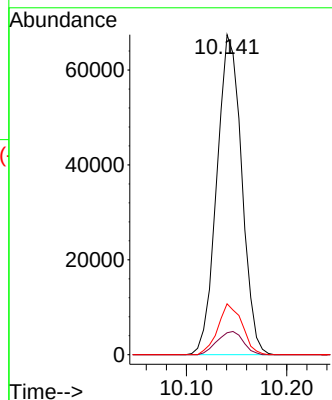
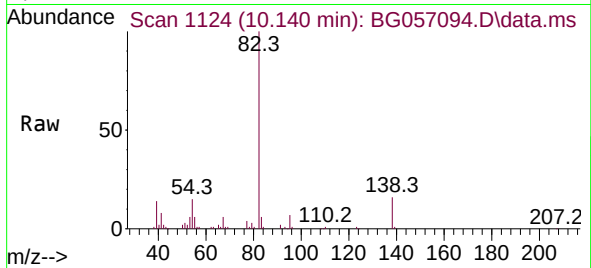
SSTDCCC040

Tgt Ion: 82 Resp: 115894
Ion Ratio Lower Upper
82 100
95 6.8 6.3 9.5
138 15.9 11.8 17.8

Manual Integrations

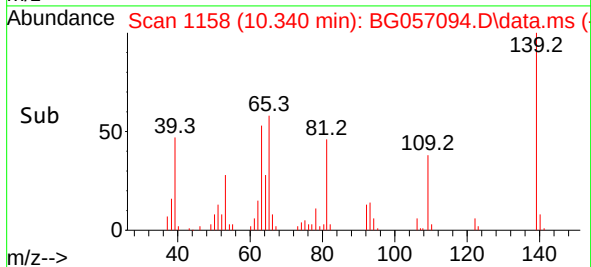
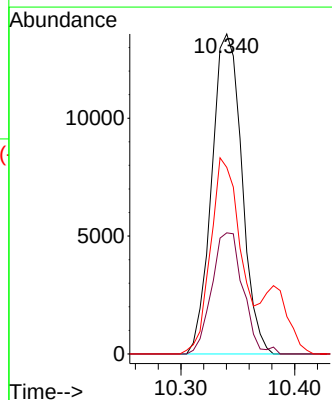
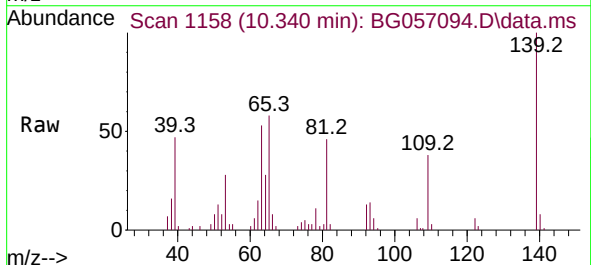
APPROVED

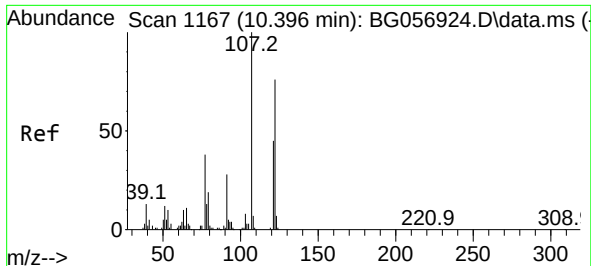
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#26
2-Nitrophenol
Concen: 39.598 ng
RT: 10.340 min Scan# 1158
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

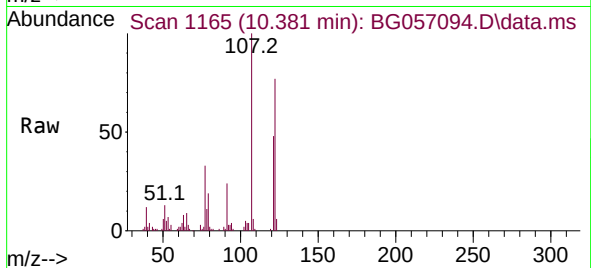
Tgt Ion:139 Resp: 24978
Ion Ratio Lower Upper
139 100
109 37.9 38.2 57.4#
65 58.3 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 39.337 ng
RT: 10.381 min Scan# 1165
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

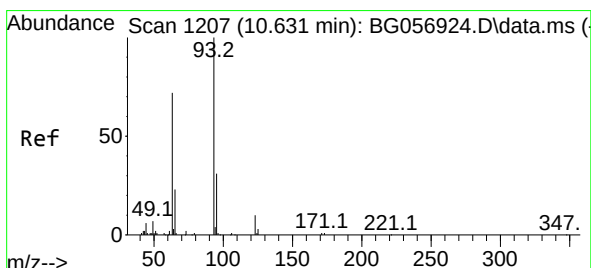
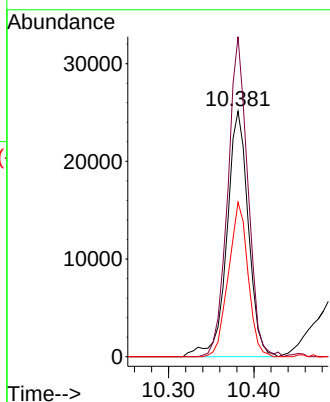
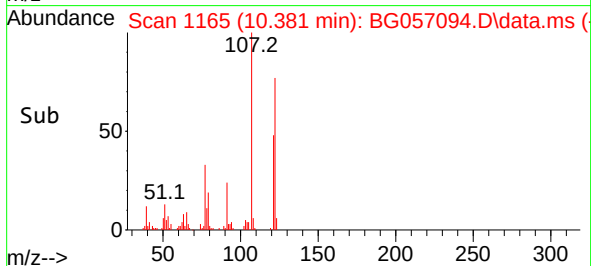
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



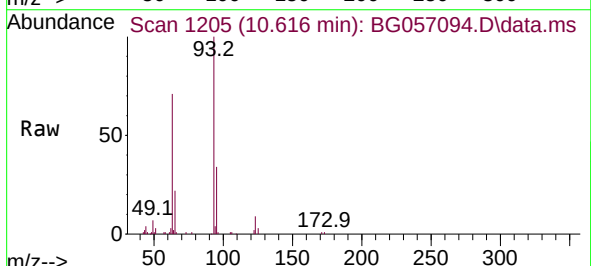
Tgt Ion:122 Resp: 4381
Ion Ratio Lower Upper
122 100
107 130.4 105.7 158.5
121 62.9 48.0 72.0

Manual Integrations
APPROVED

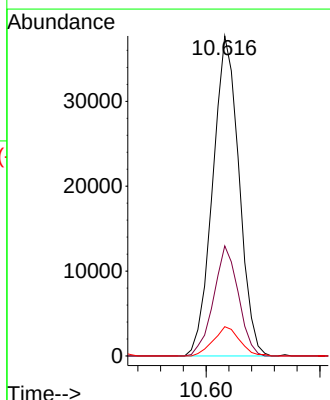
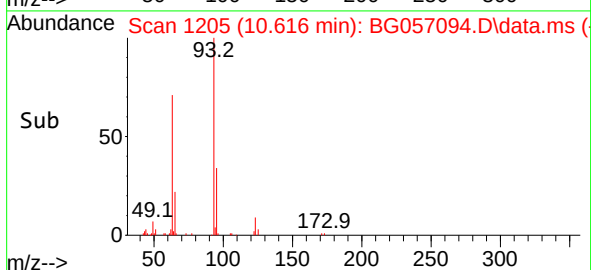
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

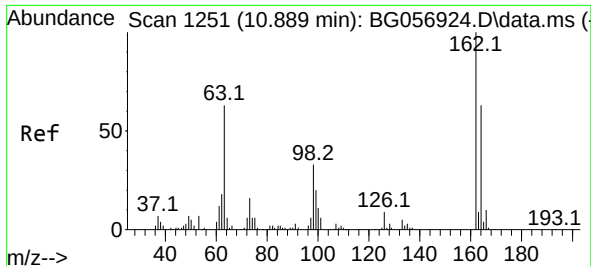


#28
bis(2-Chloroethoxy)methane
Concen: 39.667 ng
RT: 10.616 min Scan# 1205
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28



Tgt Ion: 93 Resp: 60447
Ion Ratio Lower Upper
93 100
95 34.4 24.6 37.0
123 9.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 36.757 ng

RT: 10.881 min Scan# 1250

Delta R.T. -0.004 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

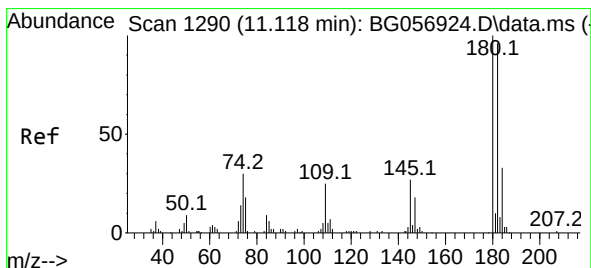
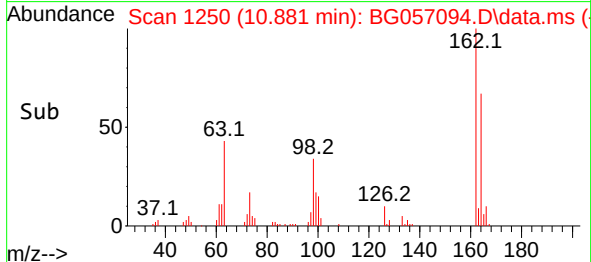
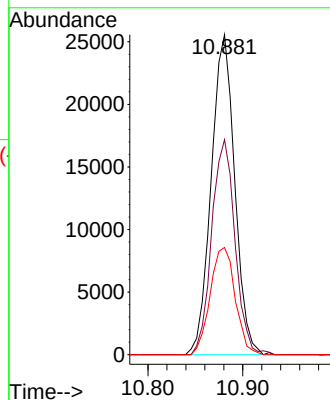
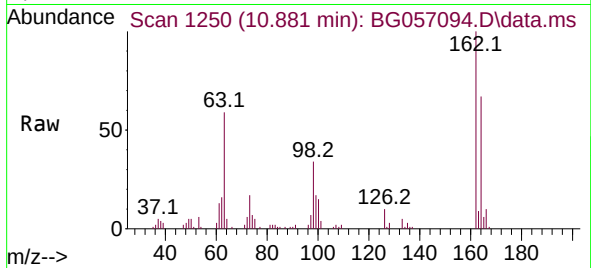
Tgt Ion:	162	Resp:	44020
Ion Ratio	Lower	Upper	
162	100		
164	67.2	43.4	83.4
98	33.5	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.194 ng

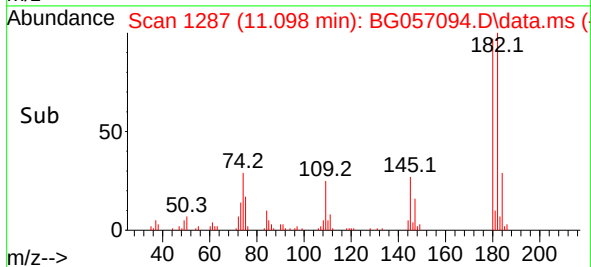
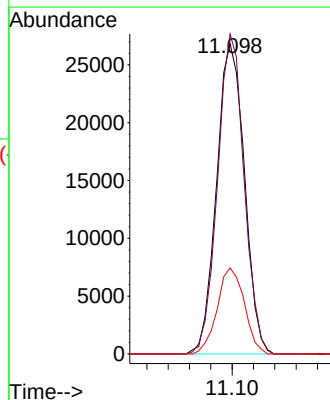
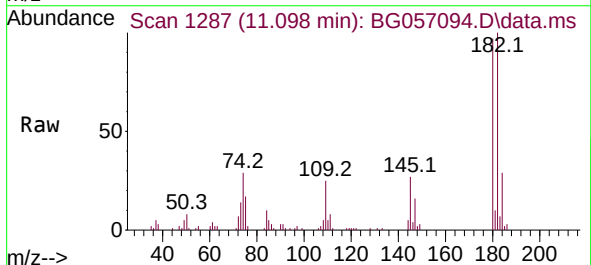
RT: 11.098 min Scan# 1287

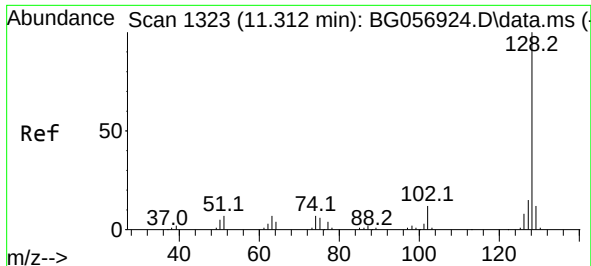
Delta R.T. -0.010 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

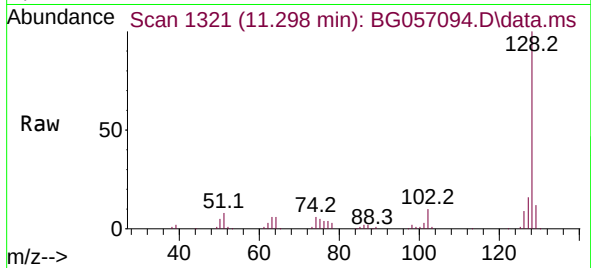
Tgt Ion:	180	Resp:	48607
Ion Ratio	Lower	Upper	
180	100		
182	103.1	77.1	115.7
145	27.7	21.3	31.9





#31
Naphthalene
Concen: 39.232 ng
RT: 11.298 min Scan# 11298
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

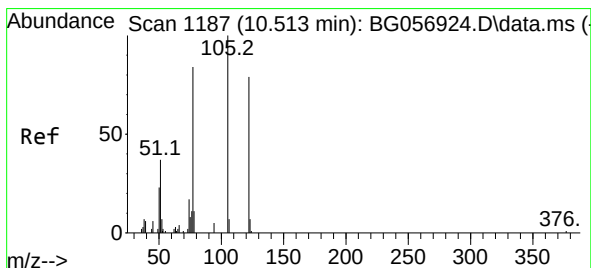
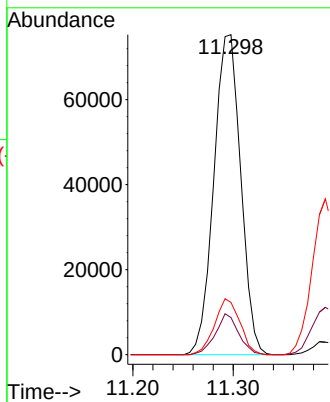
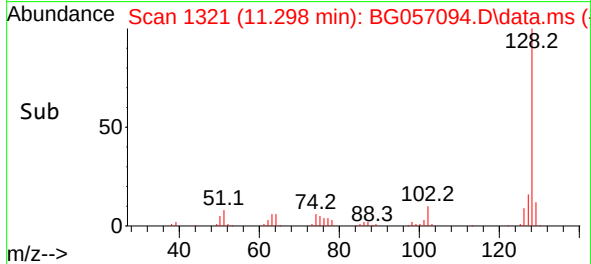
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 139860
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 16.3 12.2 18.4

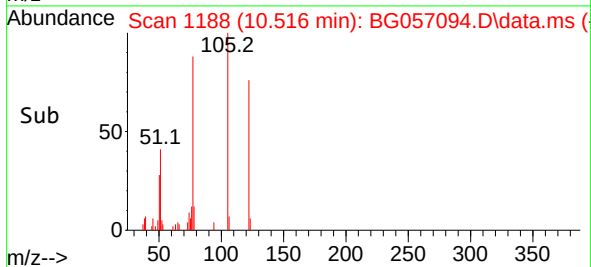
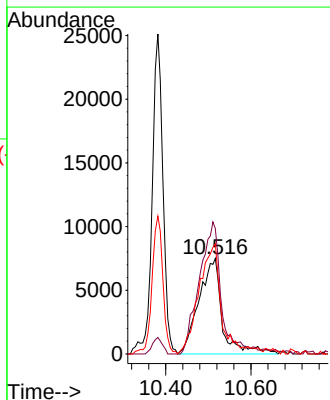
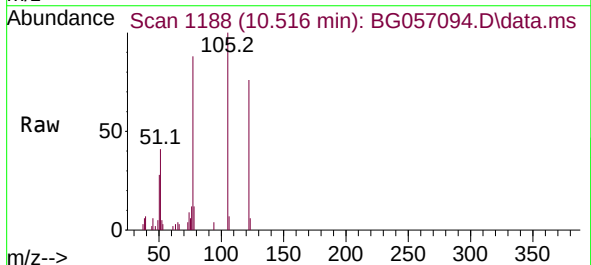
Manual Integrations
APPROVED

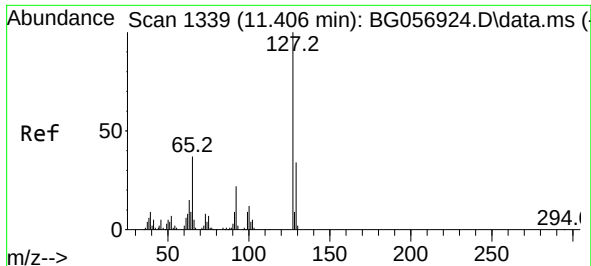
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#32
Benzoic acid
Concen: 37.206 ng m
RT: 10.516 min Scan# 1188
Delta R.T. 0.008 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:122 Resp: 28464
Ion Ratio Lower Upper
122 100
105 131.3 105.4 145.4
77 115.5 87.4 127.4





#33
4-Chloroaniline
Concen: 40.562 ng
RT: 11.392 min Scan# 11337
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

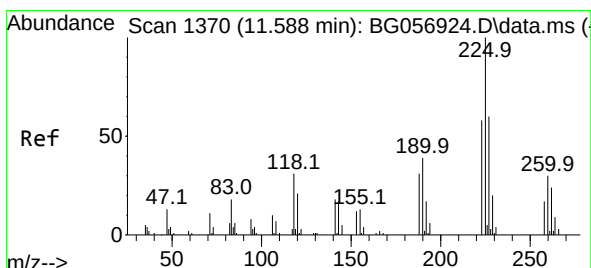
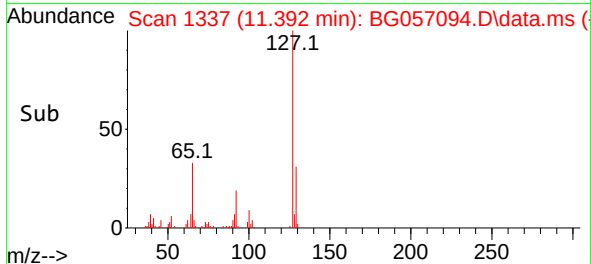
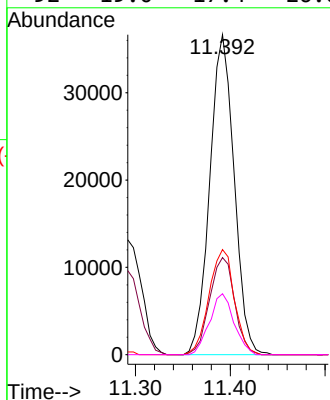
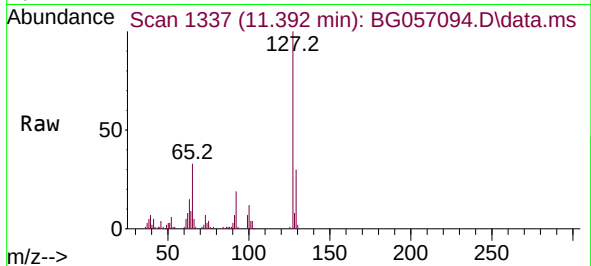
SSTDCCC040

Tgt Ion:	127	Resp:	65308
Ion Ratio	Lower	Upper	
127	100		
129	30.4	27.6	41.4
65	32.8	29.8	44.8
92	19.0	17.4	26.0

Manual Integrations

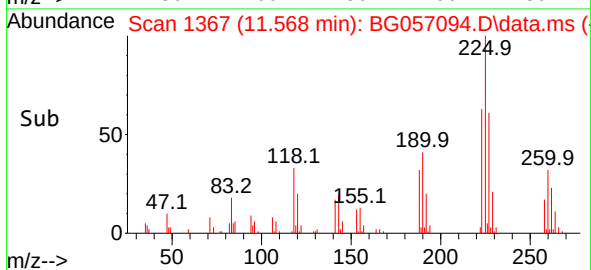
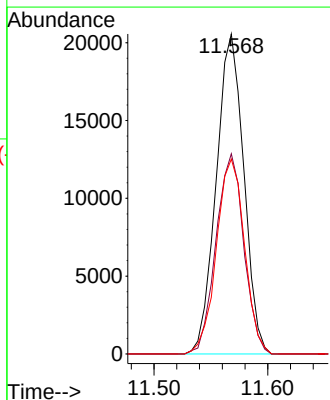
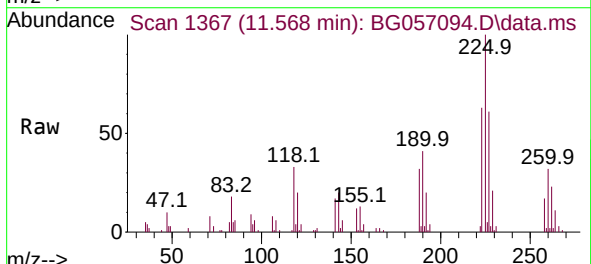
APPROVED

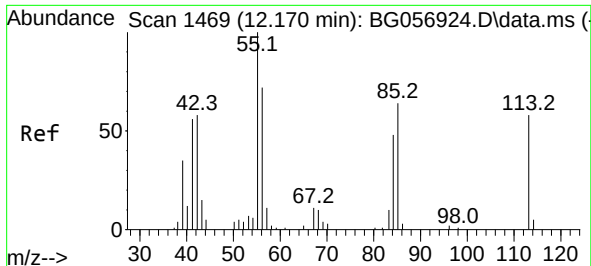
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#34
Hexachlorobutadiene
Concen: 36.210 ng
RT: 11.568 min Scan# 1367
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:	225	Resp:	34616
Ion Ratio	Lower	Upper	
225	100		
223	62.6	46.4	69.6
227	60.9	48.0	72.0





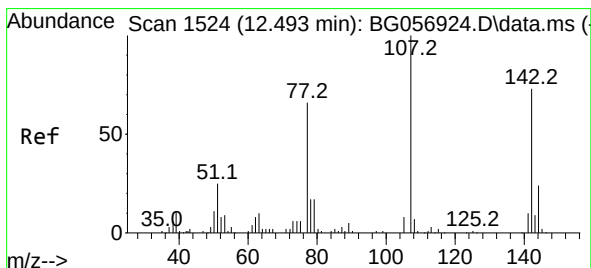
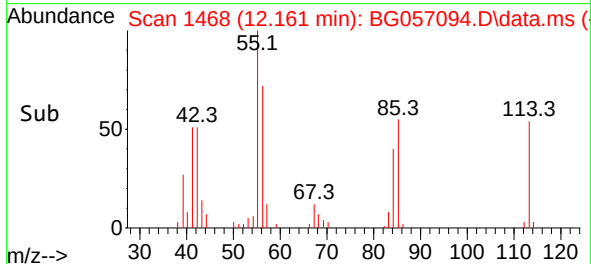
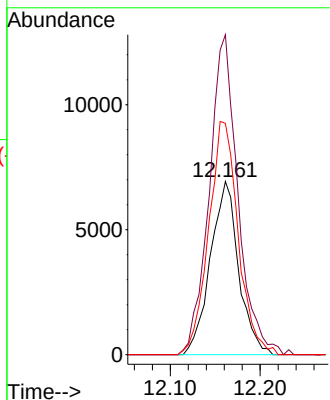
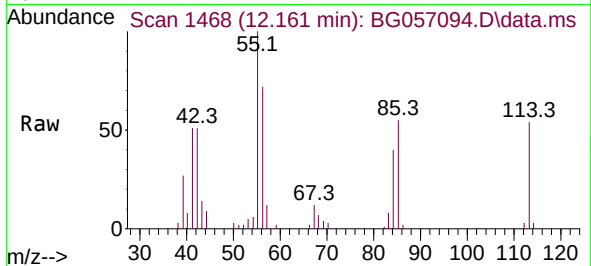
#35
Caprolactam
Concen: 36.638 ng
RT: 12.161 min Scan# 1468
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 15134
Ion Ratio Lower Upper
113 100
55 184.7 151.6 191.6
56 133.5 103.7 143.7

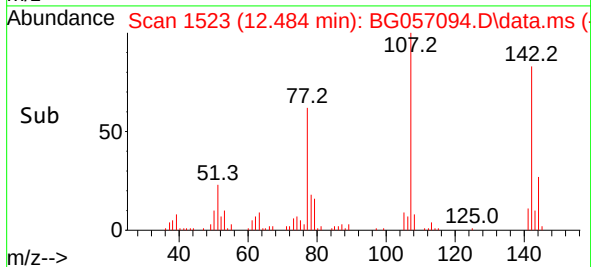
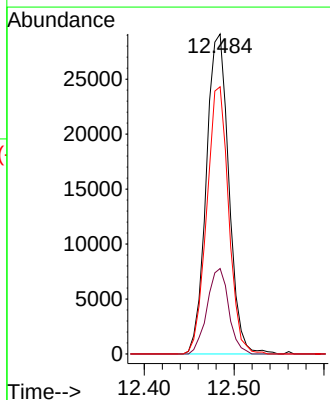
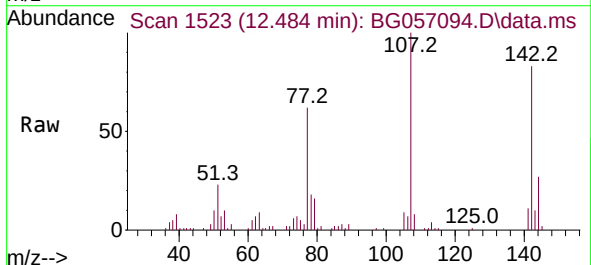
Manual Integrations
APPROVED

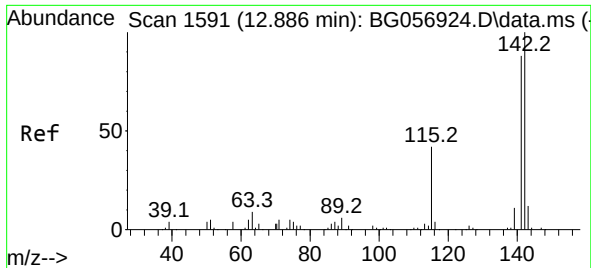
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#36
4-Chloro-3-methylphenol
Concen: 37.816 ng
RT: 12.484 min Scan# 1523
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:107 Resp: 50654
Ion Ratio Lower Upper
107 100
144 26.7 19.0 28.4
142 83.5 58.6 88.0





#37

2-Methylnaphthalene

Concen: 38.013 ng

RT: 12.872 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

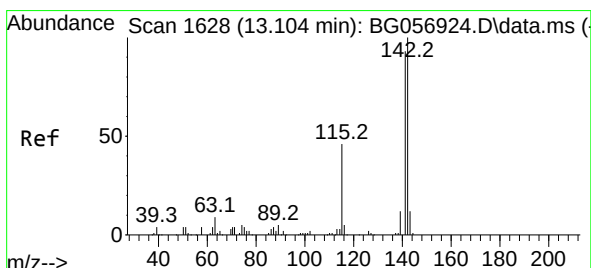
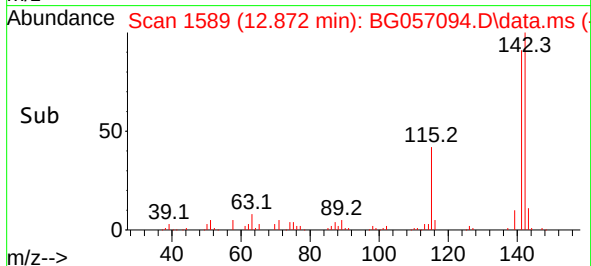
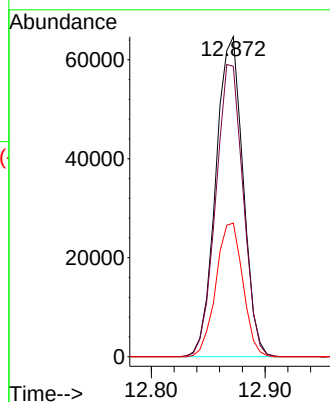
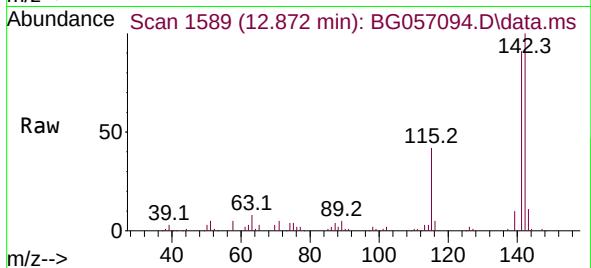
SSTDCCC040

Tgt Ion:142 Resp: 107554
 Ion Ratio Lower Upper
 142 100
 141 90.8 70.3 105.5
 115 41.8 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023



#38

1-Methylnaphthalene

Concen: 38.629 ng

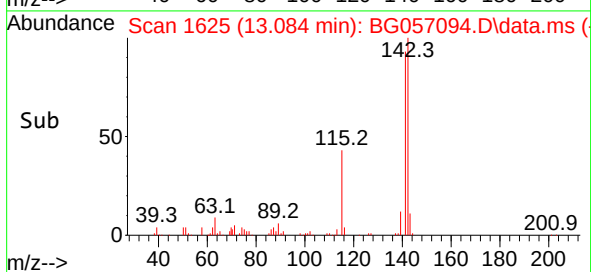
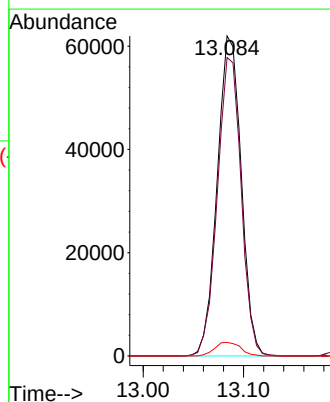
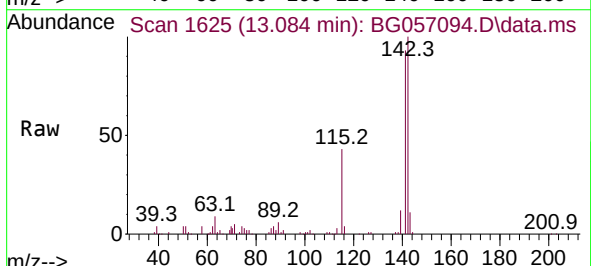
RT: 13.084 min Scan# 1625

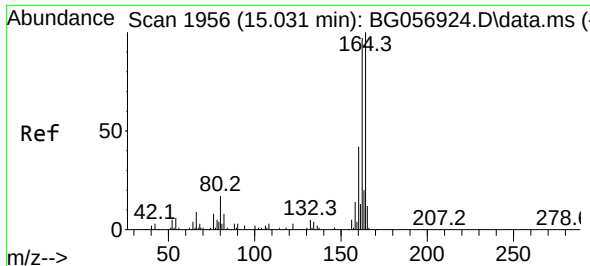
Delta R.T. -0.010 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

Tgt Ion:142 Resp: 102629
 Ion Ratio Lower Upper
 142 100
 141 93.2 74.0 111.0
 116 4.2 3.7 5.5





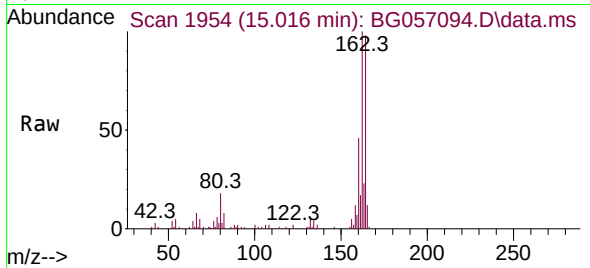
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

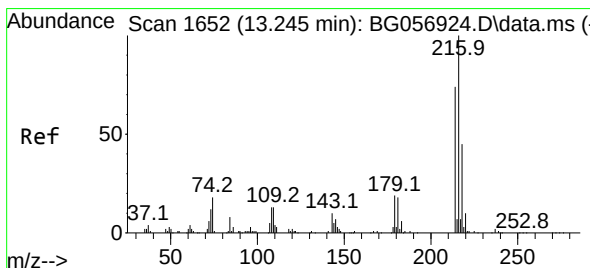
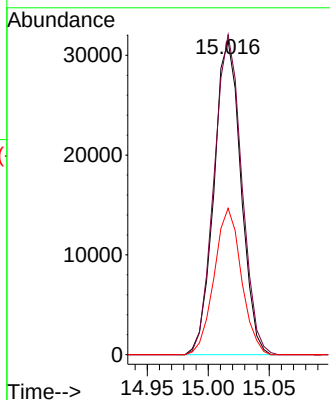
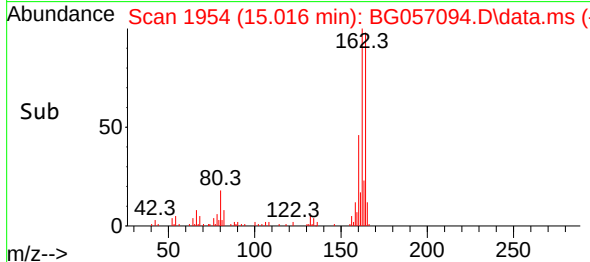


Tgt Ion:164 Resp: 48432
Ion Ratio Lower Upper
164 100
162 102.0 77.8 116.8
160 46.7 33.5 50.3

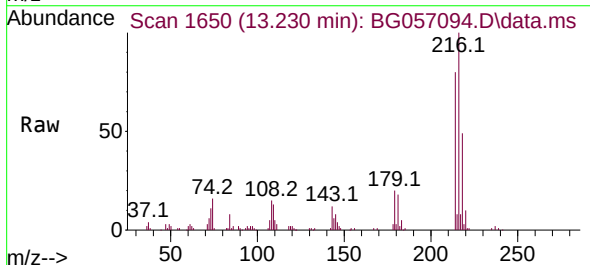
Manual Integrations

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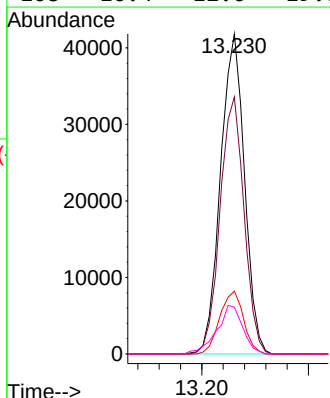
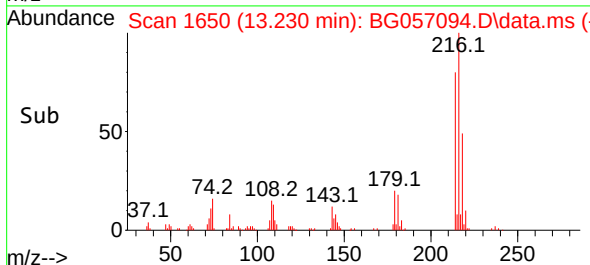
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

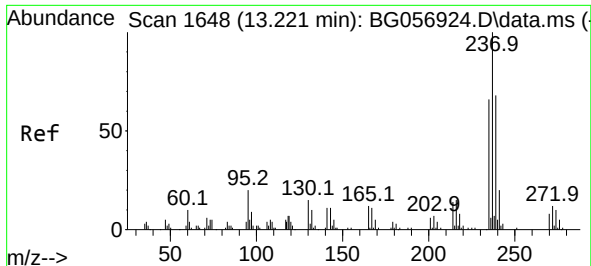


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.804 ng
RT: 13.230 min Scan# 1650
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28



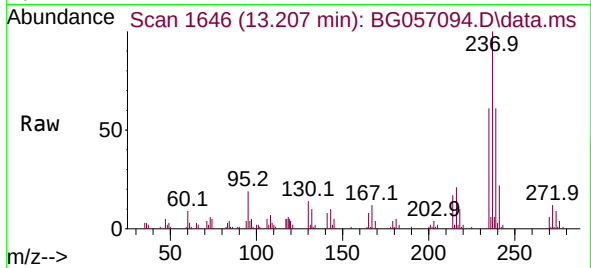
Tgt Ion:216 Resp: 65170
Ion Ratio Lower Upper
216 100
214 80.3 63.3 94.9
179 19.5 15.0 22.6
108 16.4 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 38.984 ng
RT: 13.207 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

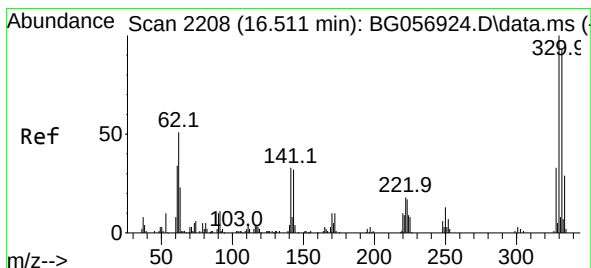
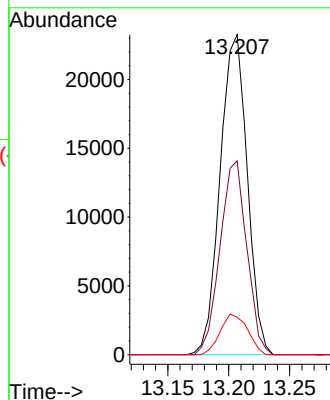
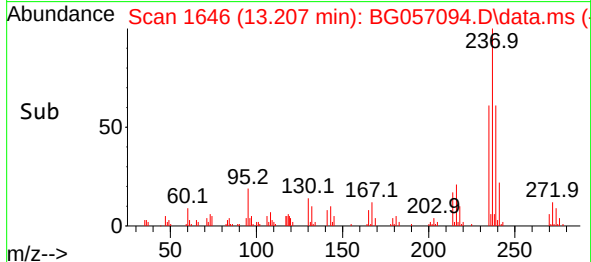
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



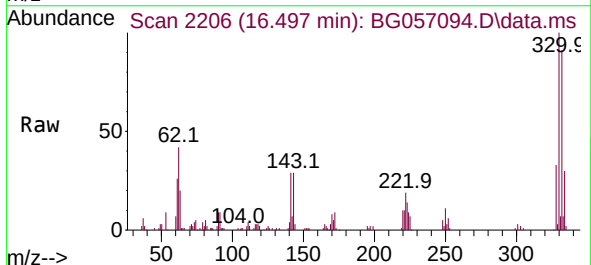
Tgt Ion:237 Resp: 36074
Ion Ratio Lower Upper
237 100
235 60.6 45.9 85.9
272 11.7 0.0 32.3

Manual Integrations
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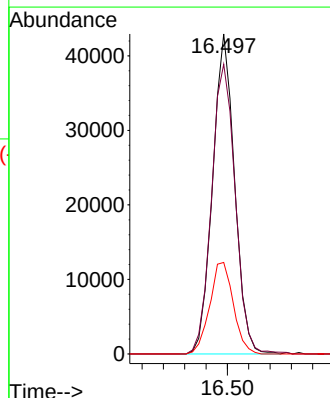
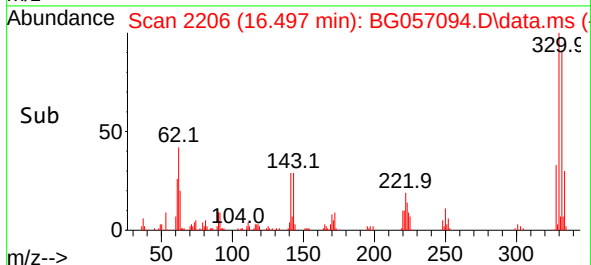
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

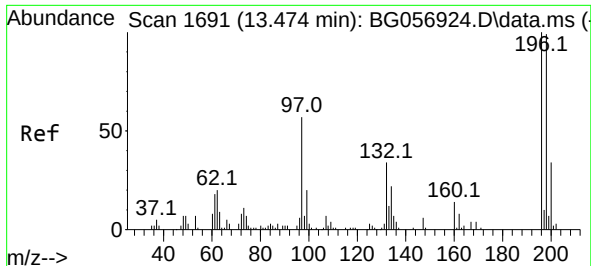


#42
2,4,6-Tribromophenol
Concen: 79.342 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28



Tgt Ion:330 Resp: 61388
Ion Ratio Lower Upper
330 100
332 97.6 76.1 114.1
141 30.8 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 39.901 ng
RT: 13.460 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

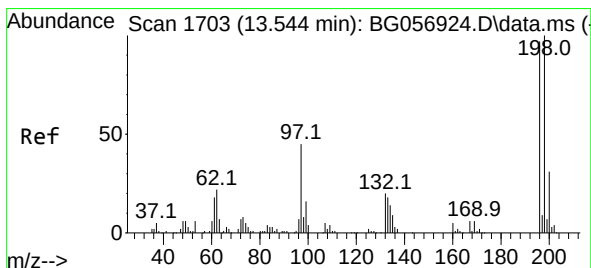
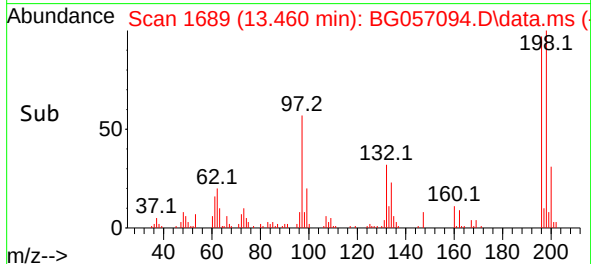
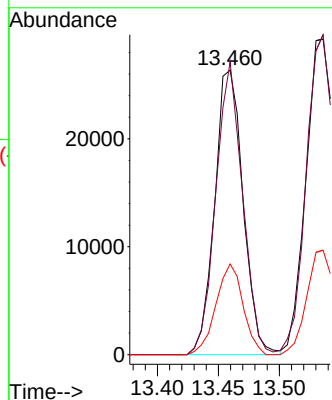
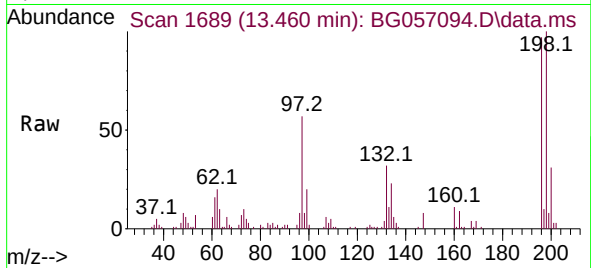
SSTDCCC040

Tgt Ion:196 Resp: 4276
Ion Ratio Lower Upper
196 100
198 102.9 79.1 118.7
200 31.9 27.2 40.8

Manual Integrations

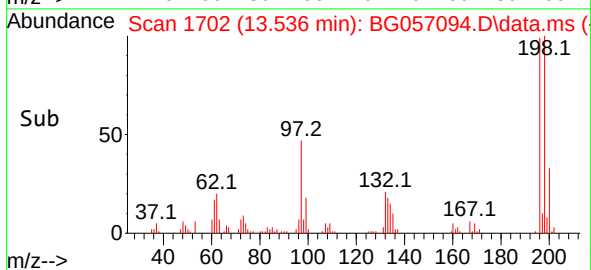
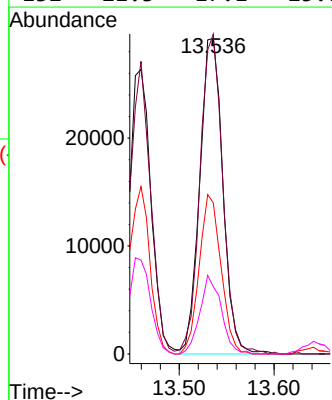
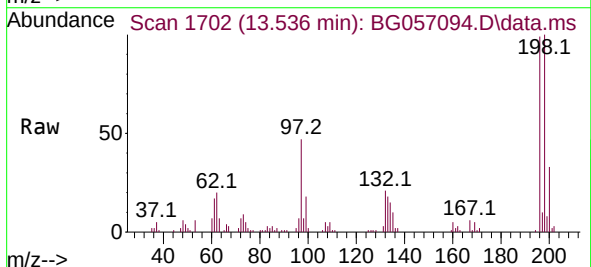
APPROVED

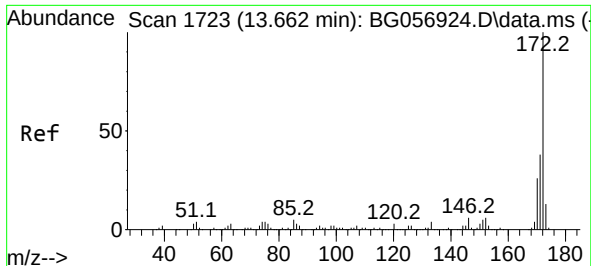
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#44
2,4,5-Trichlorophenol
Concen: 38.971 ng
RT: 13.536 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

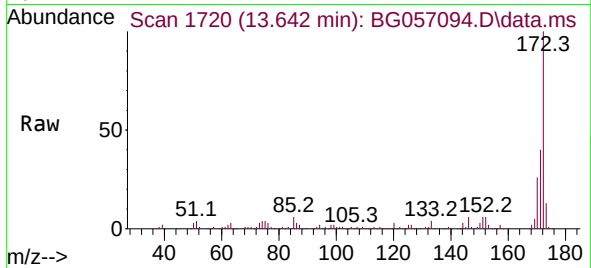
Tgt Ion:196 Resp: 49479
Ion Ratio Lower Upper
196 100
198 101.4 82.5 123.7
97 47.9 37.0 55.6
132 21.3 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 79.847 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

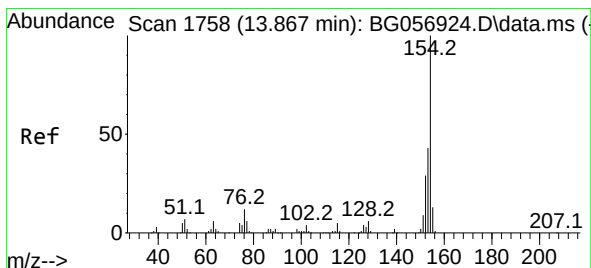
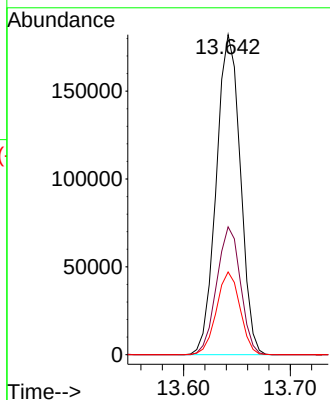
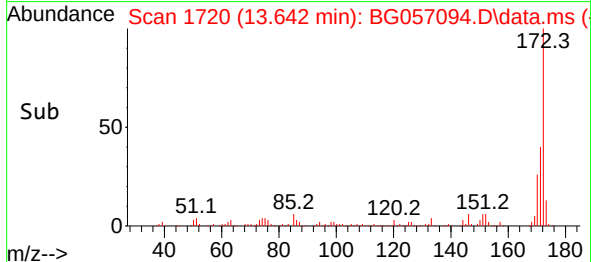
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



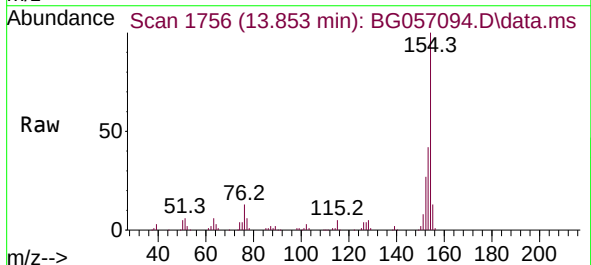
Tgt Ion:172 Resp: 285180
Ion Ratio Lower Upper
172 100
171 40.0 30.6 46.0
170 25.8 20.6 30.8

Manual Integrations
APPROVED

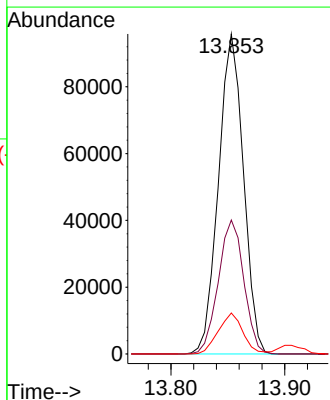
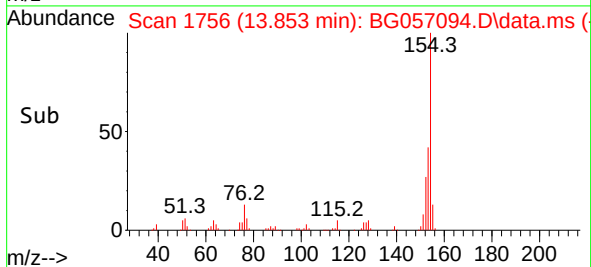
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

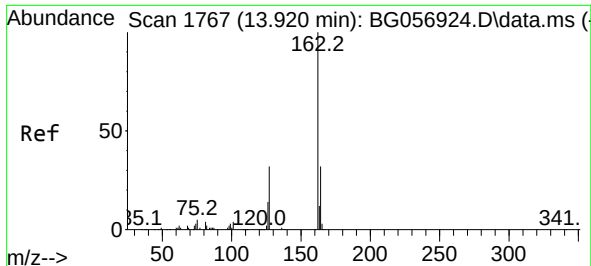


#46
1,1'-Biphenyl
Concen: 41.156 ng
RT: 13.853 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28



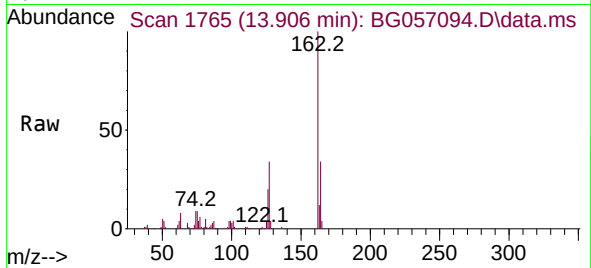
Tgt Ion:154 Resp: 145912
Ion Ratio Lower Upper
154 100
153 41.8 23.4 63.4
76 12.8 0.0 31.6





#47
2-Chloronaphthalene
Concen: 41.363 ng
RT: 13.906 min Scan# 1765
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

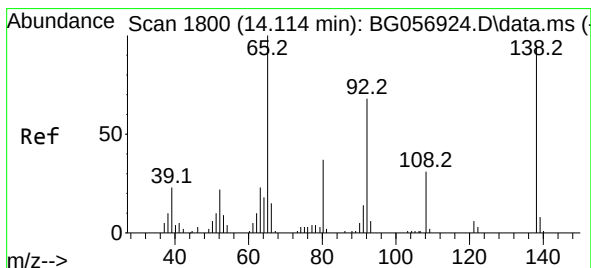
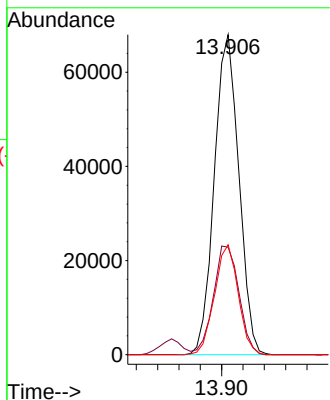
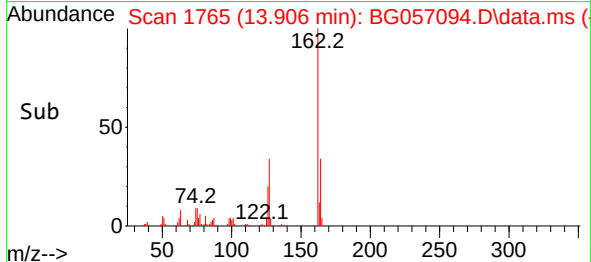
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 108460
Ion Ratio Lower Upper
162 100
127 33.6 29.5 44.3
164 34.4 25.5 38.3

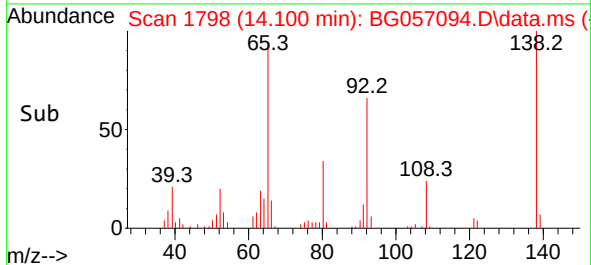
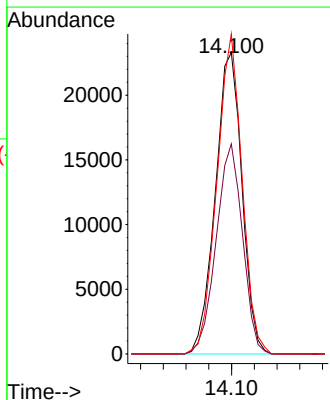
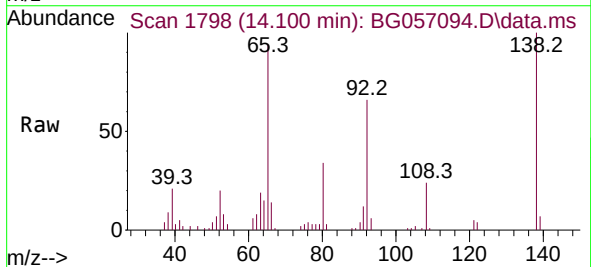
Manual Integrations
APPROVED

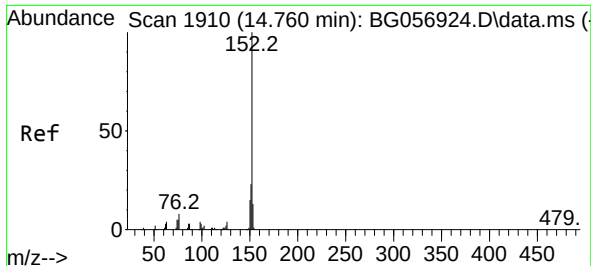
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#48
2-Nitroaniline
Concen: 40.467 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion: 65 Resp: 37942
Ion Ratio Lower Upper
65 100
92 69.7 54.3 81.5
138 106.1 76.0 114.0





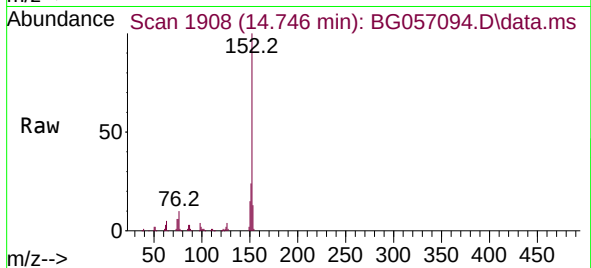
#49
Acenaphthylene
Concen: 40.540 ng
RT: 14.746 min Scan# 1910
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

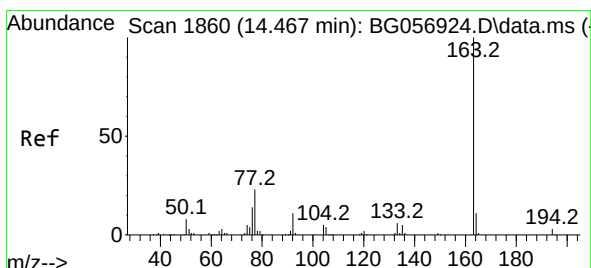
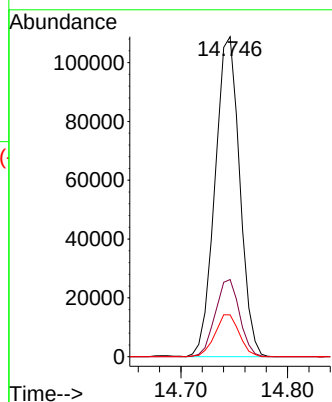
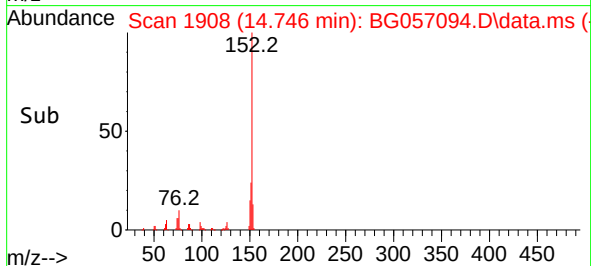


Tgt Ion:152 Resp: 17465
Ion Ratio Lower Upper
152 100
151 24.1 18.2 27.2
153 13.1 10.5 15.7

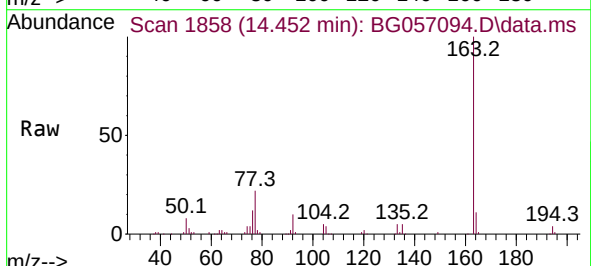
Manual Integrations

APPROVED

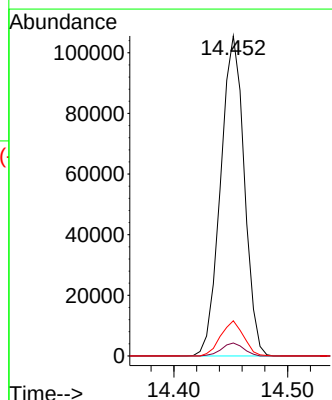
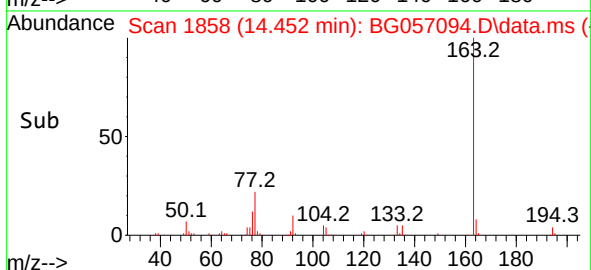
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

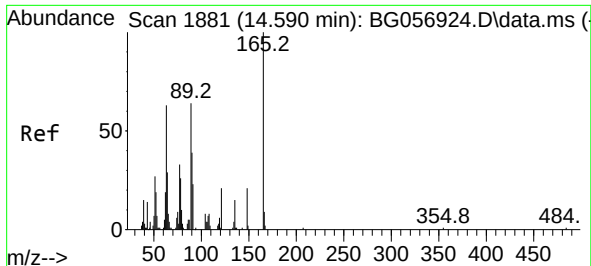


#50
Dimethylphthalate
Concen: 40.054 ng
RT: 14.452 min Scan# 1858
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28



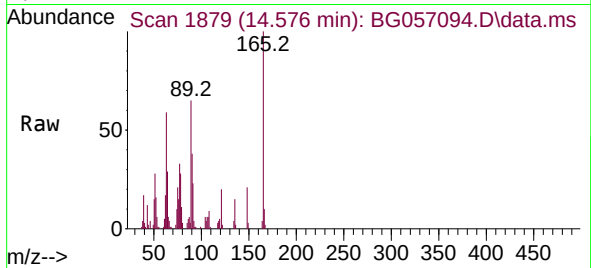
Tgt Ion:163 Resp: 152851
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 11.0 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 41.106 ng
RT: 14.576 min Scan# 1881
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

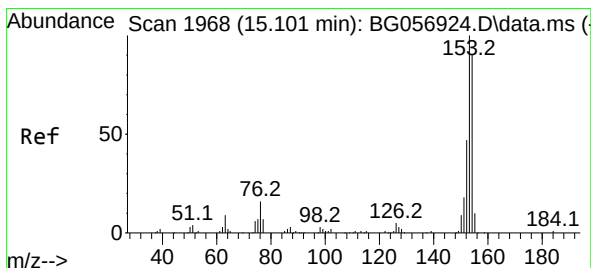
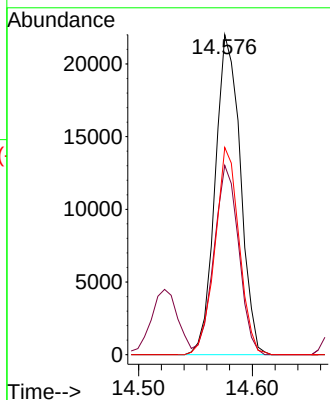
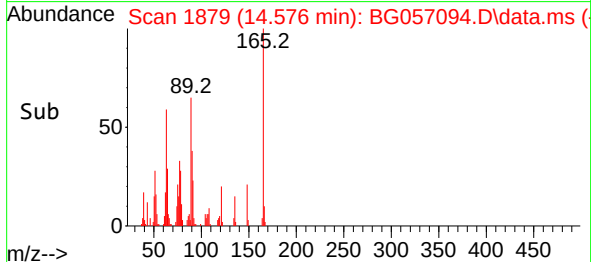
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 33892
Ion Ratio Lower Upper
165 100
63 59.2 53.0 79.6
89 64.8 51.0 76.4

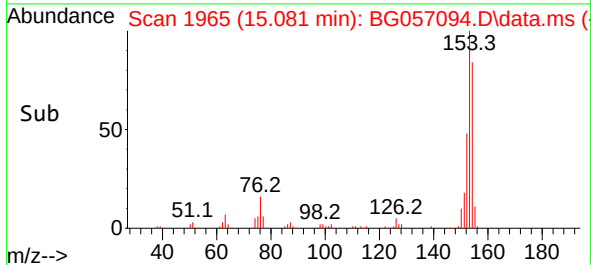
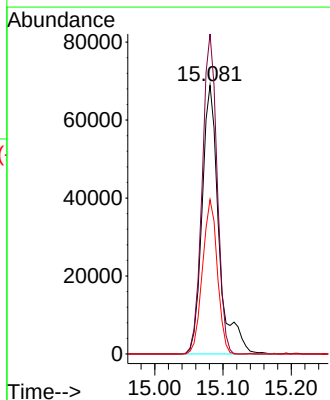
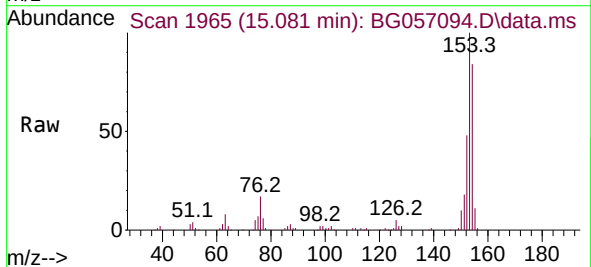
Manual Integrations
APPROVED

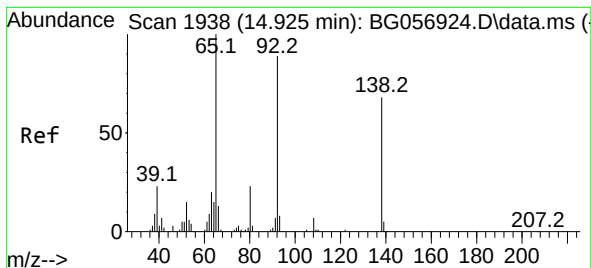
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#52
Acenaphthene
Concen: 39.772 ng
RT: 15.081 min Scan# 1965
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:154 Resp: 118174
Ion Ratio Lower Upper
154 100
153 119.1 88.9 133.3
152 57.5 41.8 62.8





#53
3-Nitroaniline
Concen: 41.110 ng
RT: 14.911 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

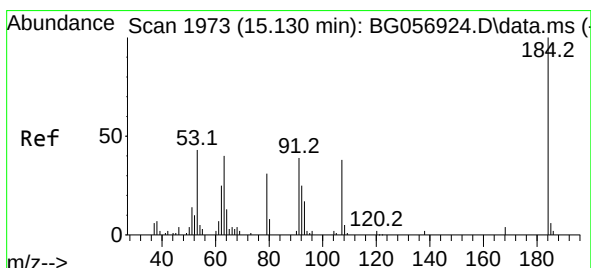
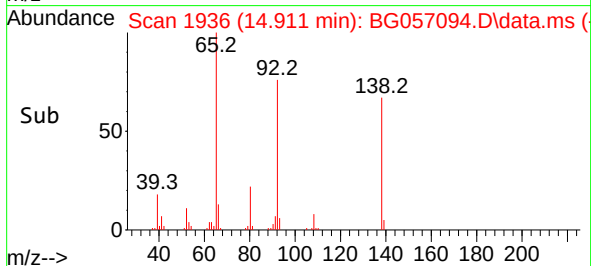
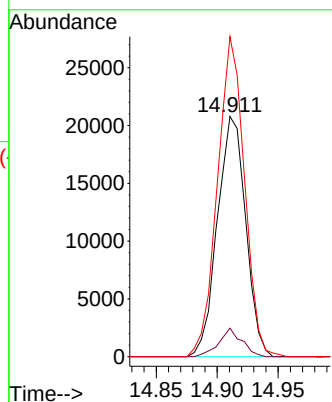
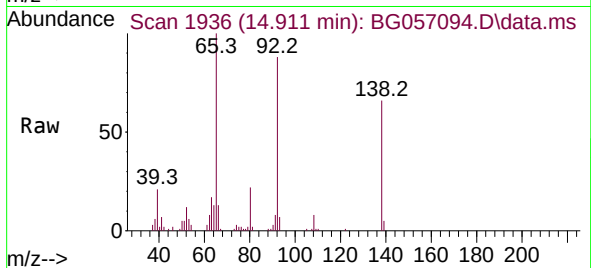
SSTDCCC040

Tgt Ion:138 Resp: 33550
Ion Ratio Lower Upper
138 100
108 11.8 8.2 12.2
92 133.2 105.2 157.8

Manual Integrations

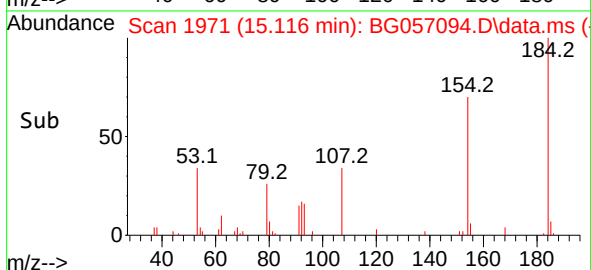
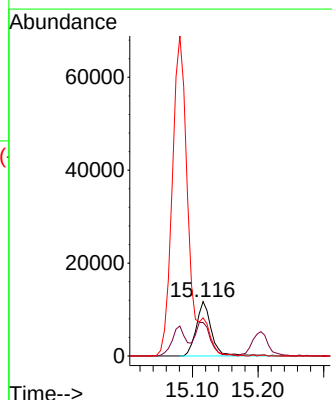
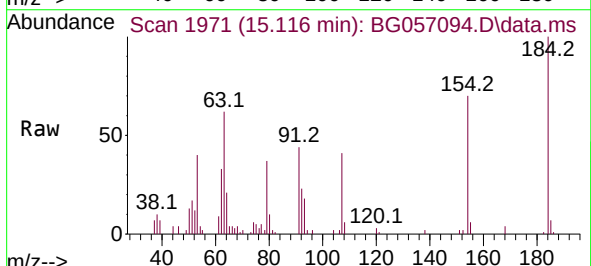
APPROVED

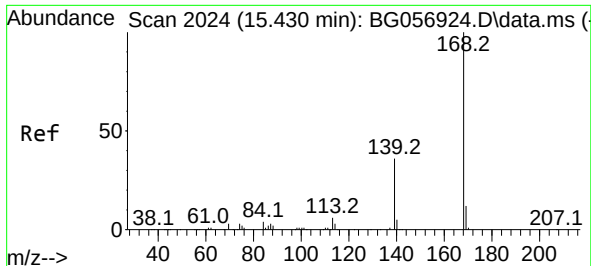
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#54
2,4-Dinitrophenol
Concen: 40.486 ng
RT: 15.116 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:184 Resp: 18789
Ion Ratio Lower Upper
184 100
63 61.6 46.5 69.7
154 70.0 53.5 80.3





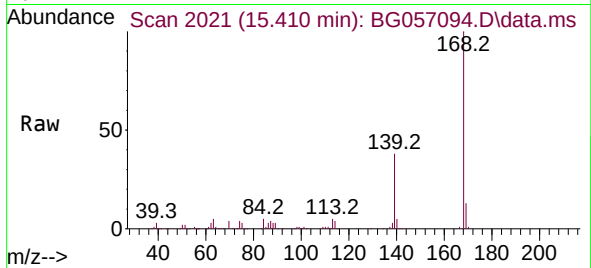
#55
Dibenzofuran
Concen: 40.349 ng
RT: 15.410 min Scan# 2024
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

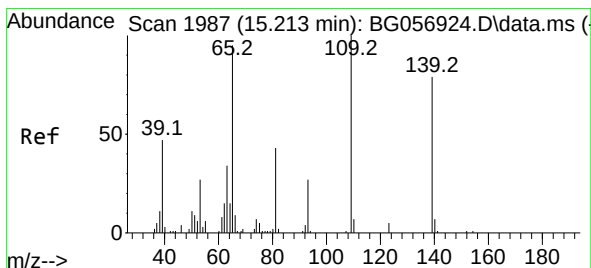
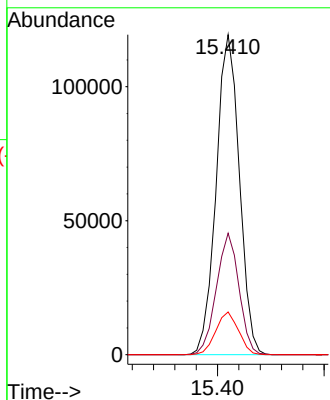
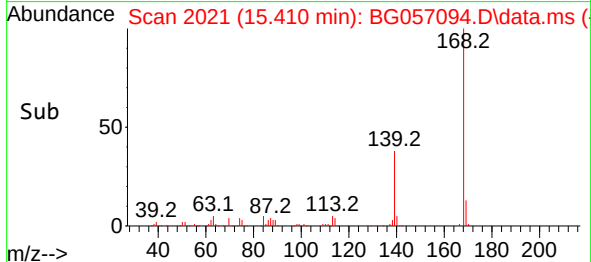


Tgt Ion:168 Resp: 17993
Ion Ratio Lower Upper
168 100
139 38.0 28.9 43.3
169 13.4 9.8 14.6

Manual Integrations

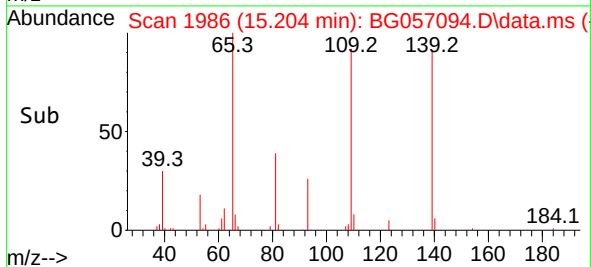
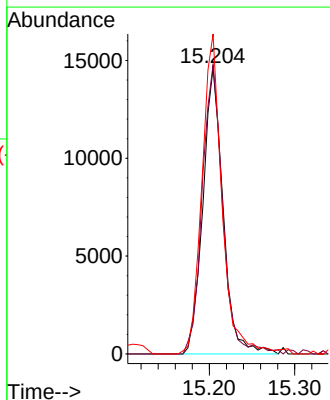
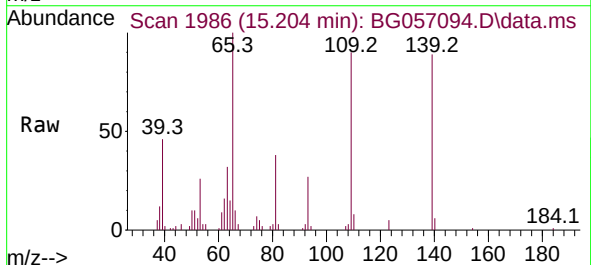
APPROVED

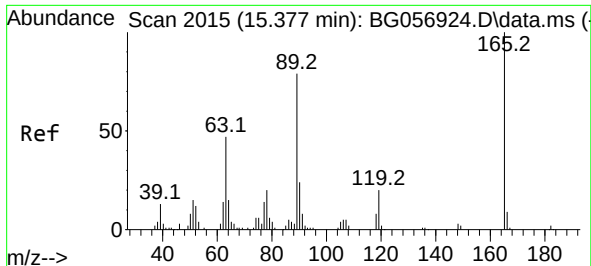
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#56
4-Nitrophenol
Concen: 39.865 ng
RT: 15.204 min Scan# 1986
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:139 Resp: 24058
Ion Ratio Lower Upper
139 100
109 101.3 106.7 146.7#
65 111.9 100.5 140.5





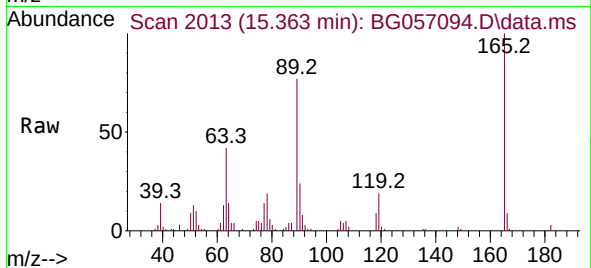
#57
2,4-Dinitrotoluene
Concen: 40.211 ng
RT: 15.363 min Scan# 2013
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

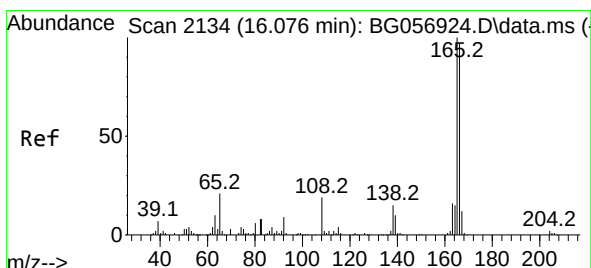
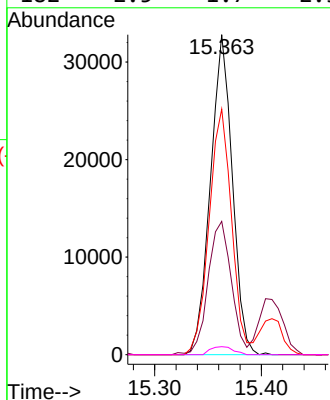
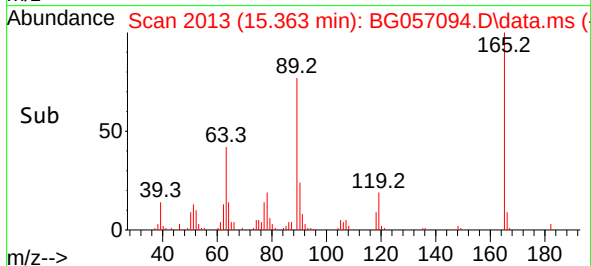


Tgt Ion:165 Resp: 46760
Ion Ratio Lower Upper
165 100
63 41.7 37.7 56.5
89 76.8 63.2 94.8
182 2.5 1.7 2.5

Manual Integrations

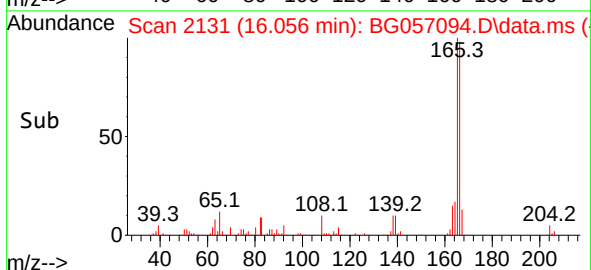
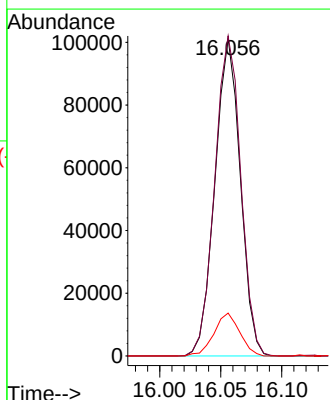
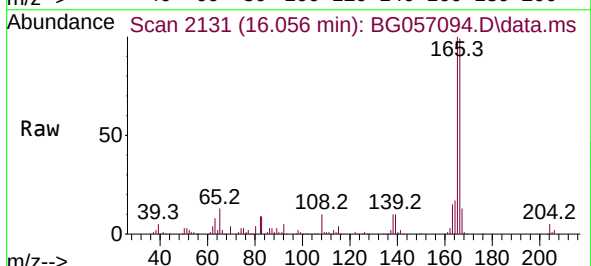
APPROVED

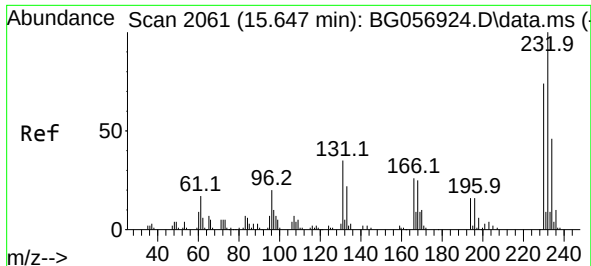
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#58
Fluorene
Concen: 39.716 ng
RT: 16.056 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

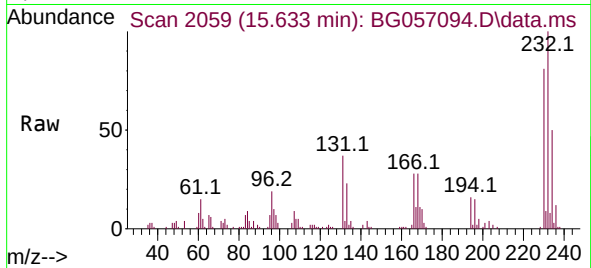
Tgt Ion:166 Resp: 146562
Ion Ratio Lower Upper
166 100
165 100.8 82.6 123.8
167 13.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.754 ng m
RT: 15.633 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

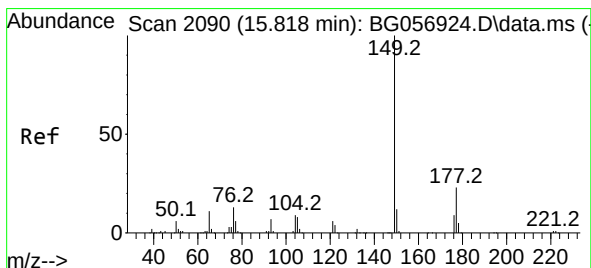
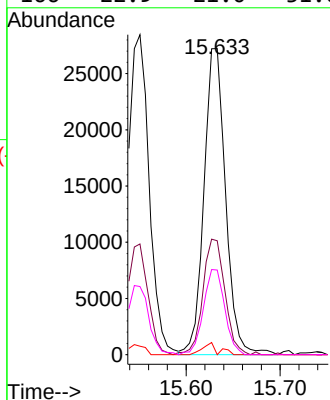
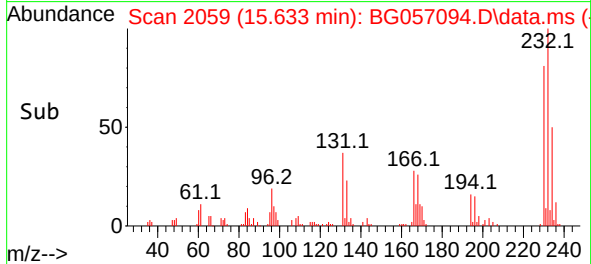
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 43644
Ion Ratio Lower Upper
232 100
131 35.4 29.3 43.9
130 2.5 1.7 2.5
166 22.9 21.0 31.6

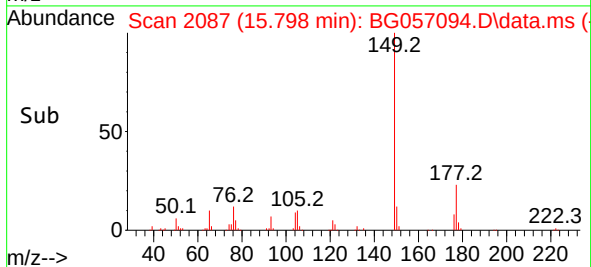
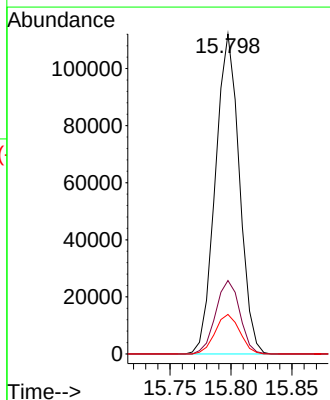
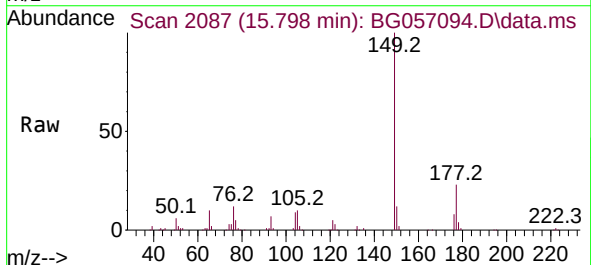
Manual Integrations
APPROVED

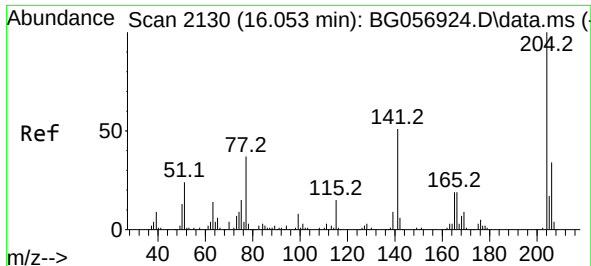
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#60
Diethylphthalate
Concen: 40.073 ng
RT: 15.798 min Scan# 2087
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:149 Resp: 153305
Ion Ratio Lower Upper
149 100
177 22.9 18.8 28.2
150 12.4 9.4 14.2





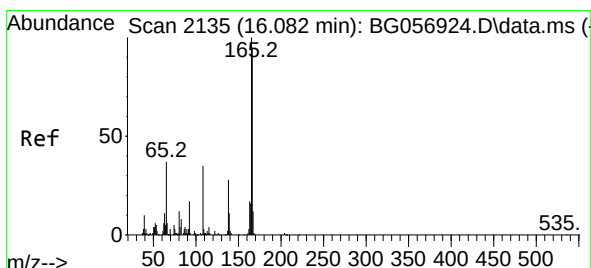
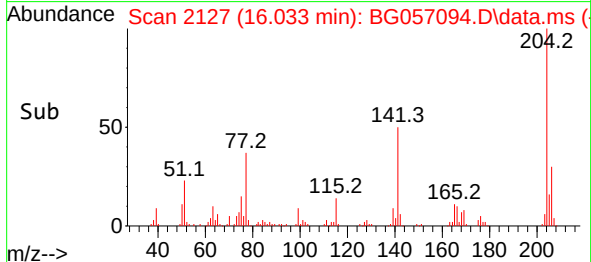
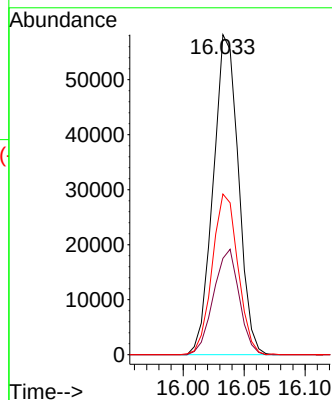
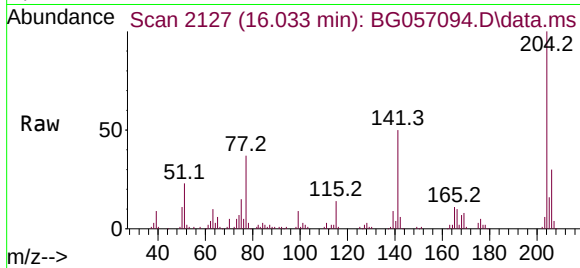
#61
4-Chlorophenyl-phenylether
Concen: 38.607 ng
RT: 16.033 min Scan# 2130
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 8364
Ion Ratio Lower Upper
204 100
206 30.1 27.2 40.8
141 50.2 40.7 61.1

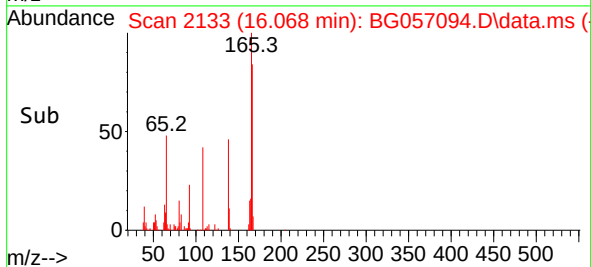
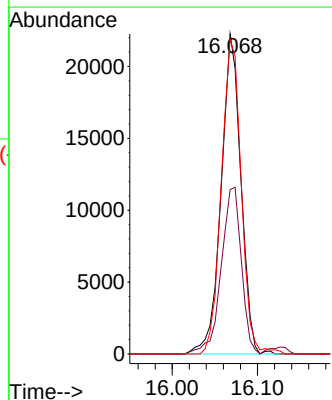
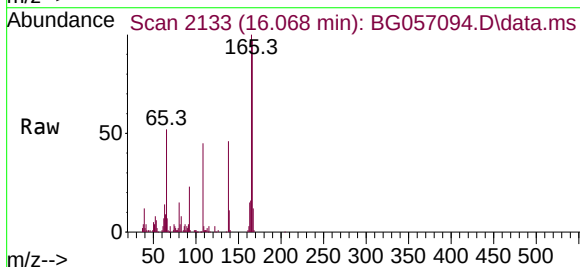
Manual Integrations
APPROVED

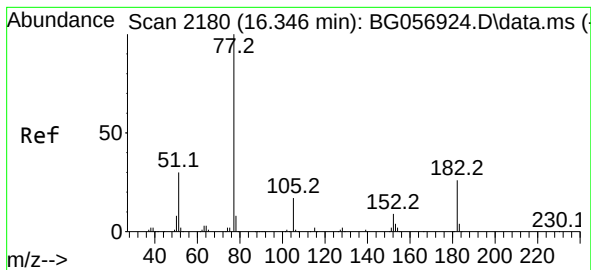
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#62
4-Nitroaniline
Concen: 42.235 ng
RT: 16.068 min Scan# 2133
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:138 Resp: 35712
Ion Ratio Lower Upper
138 100
92 51.4 40.9 80.9
108 98.3 104.3 144.3#





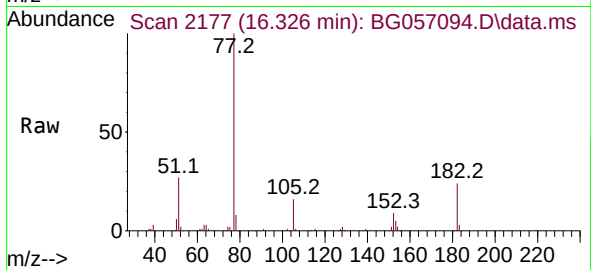
#63
Azobenzene
Concen: 40.415 ng
RT: 16.326 min Scan# 2180
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

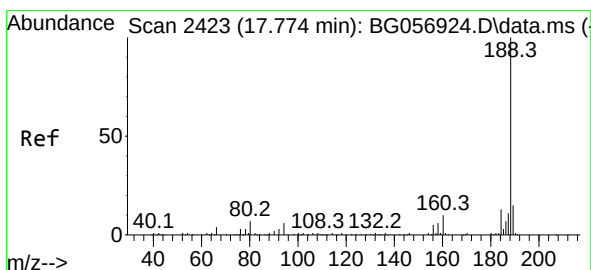
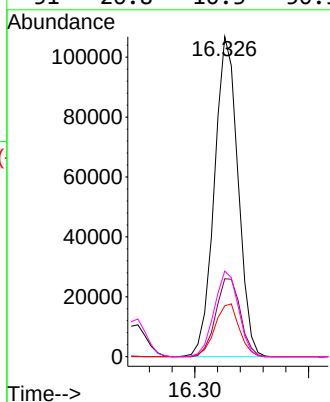
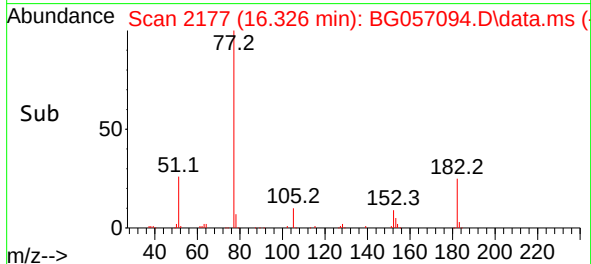


Tgt Ion: 77 Resp: 154085
Ion Ratio Lower Upper
77 100
182 24.4 5.9 45.9
105 15.9 0.0 36.8
51 26.8 10.3 50.3

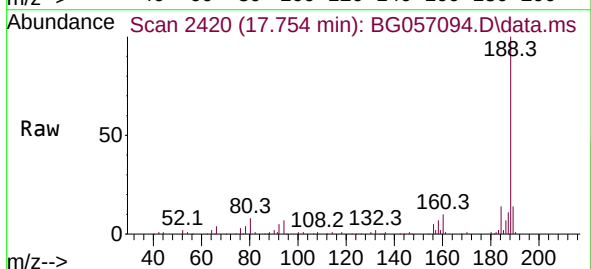
Manual Integrations

APPROVED

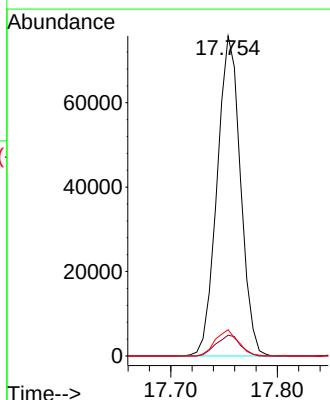
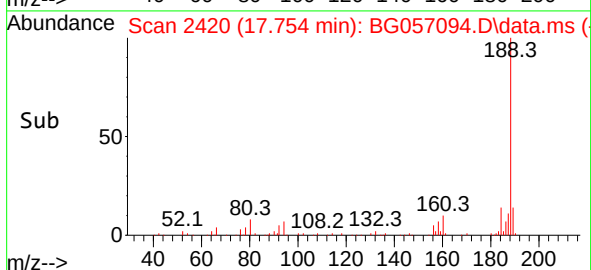
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

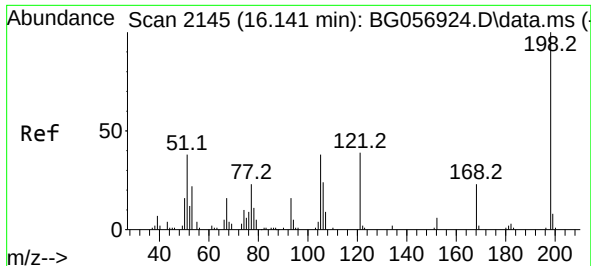


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28



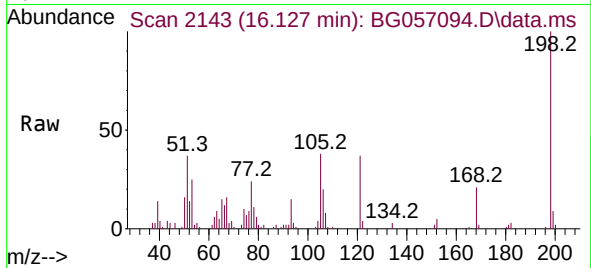
Tgt Ion:188 Resp: 115428
Ion Ratio Lower Upper
188 100
94 6.5 4.6 6.8
80 8.2 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 41.543 ng
RT: 16.127 min Scan# 2143
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

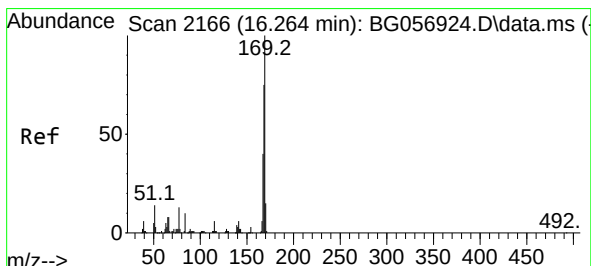
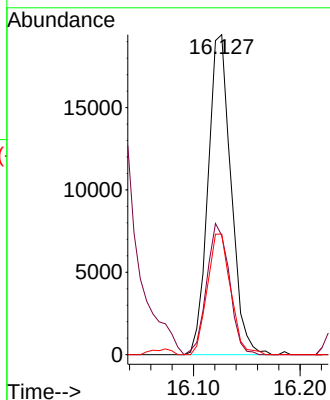
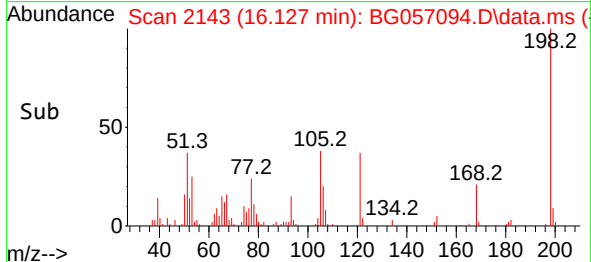
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 2904
Ion Ratio Lower Upper
198 100
51 37.3 20.5 60.5
105 37.7 18.1 58.1

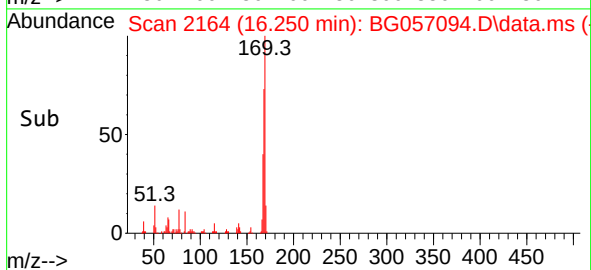
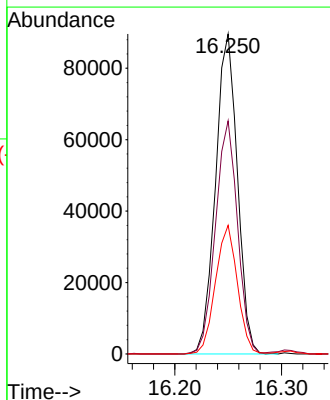
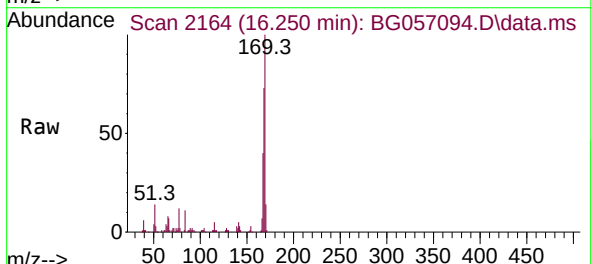
Manual Integrations
APPROVED

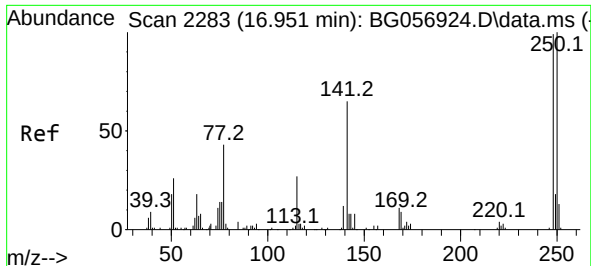
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#66
n-Nitrosodiphenylamine
Concen: 41.171 ng
RT: 16.250 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:169 Resp: 127573
Ion Ratio Lower Upper
169 100
168 72.8 59.6 89.4
167 40.2 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 38.202 ng
RT: 16.931 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

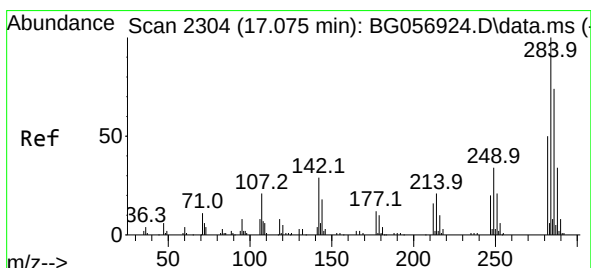
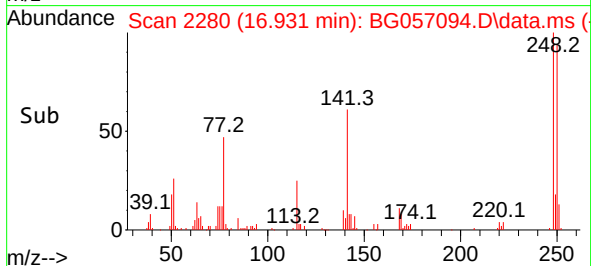
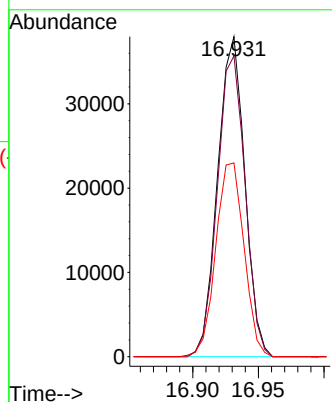
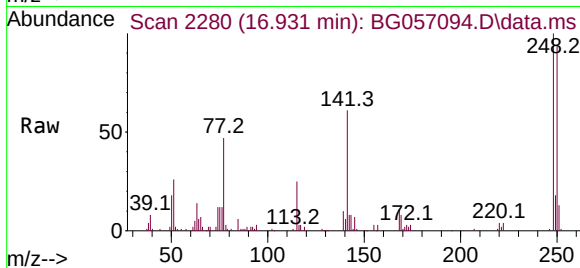
SSTDCCC040

Tgt Ion:248 Resp: 54560
Ion Ratio Lower Upper
248 100
250 94.0 80.5 120.7
141 60.6 52.0 78.0

Manual Integrations

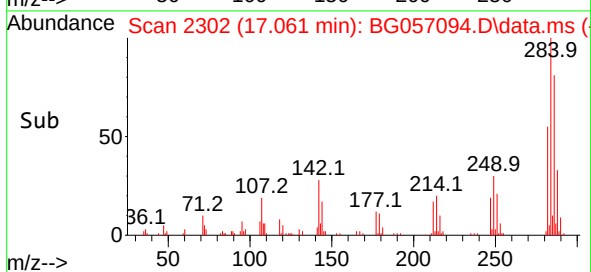
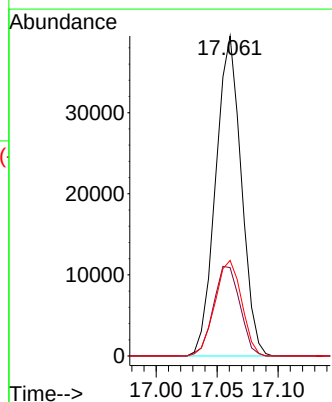
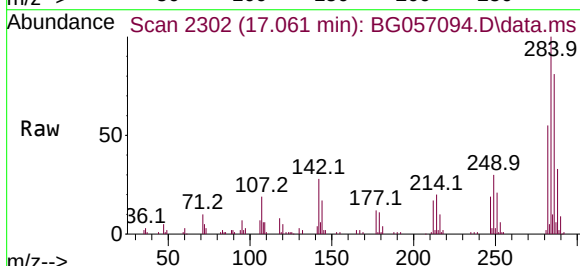
APPROVED

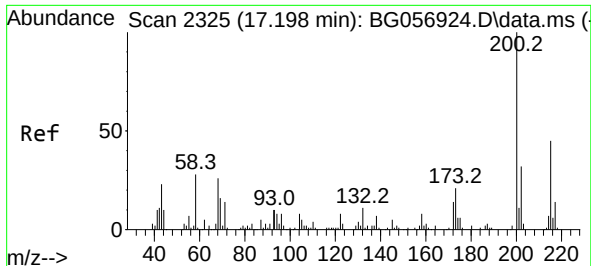
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#68
Hexachlorobenzene
Concen: 40.725 ng
RT: 17.061 min Scan# 2302
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:284 Resp: 57504
Ion Ratio Lower Upper
284 100
142 27.6 23.0 34.4
249 29.9 27.1 40.7





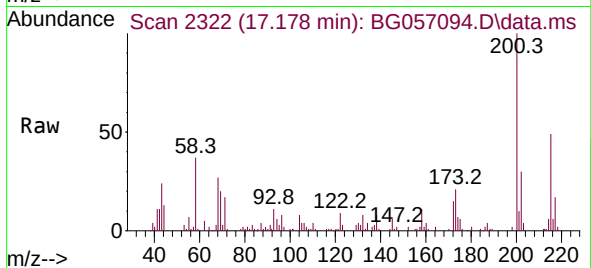
#69
 Atrazine
 Concen: 37.065 ng
 RT: 17.178 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG057094.D
 Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

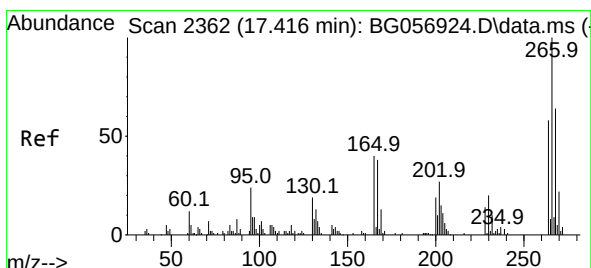
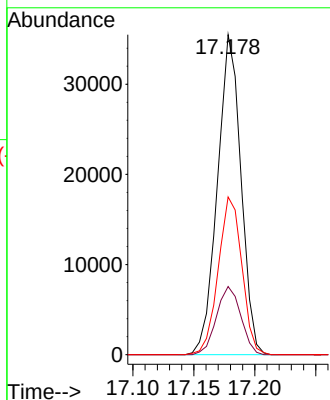
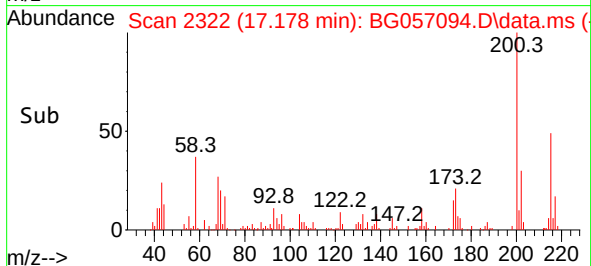


Tgt Ion:200 Resp: 47674
 Ion Ratio Lower Upper
 200 100
 173 21.3 1.0 41.0
 215 49.3 25.0 65.0

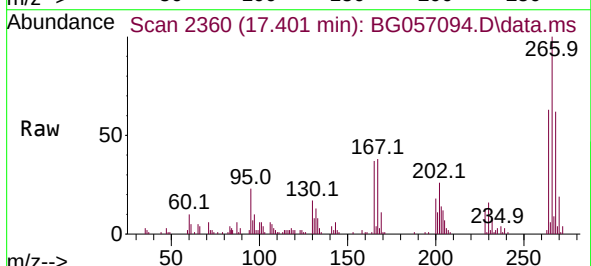
Manual Integrations

APPROVED

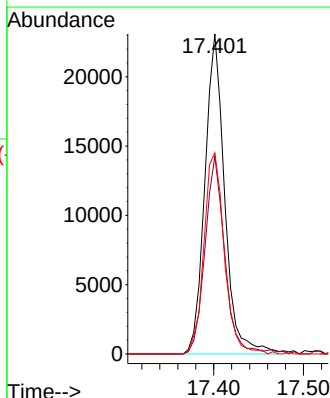
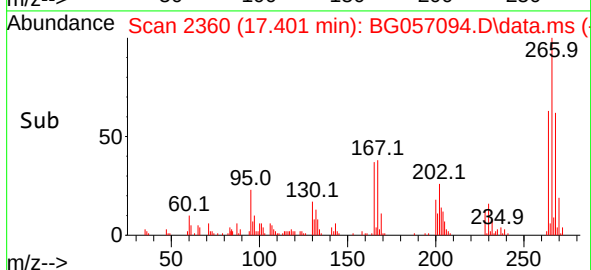
Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023

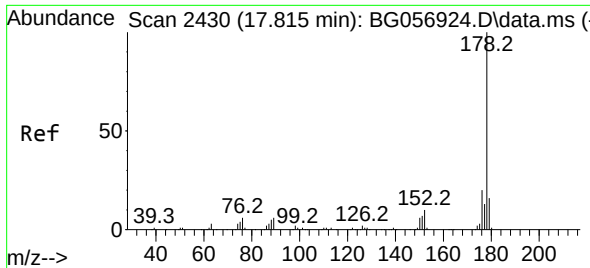


#70
 Pentachlorophenol
 Concen: 34.888 ng
 RT: 17.401 min Scan# 2360
 Delta R.T. -0.004 min
 Lab File: BG057094.D
 Acq: 14 Apr 2023 10:28



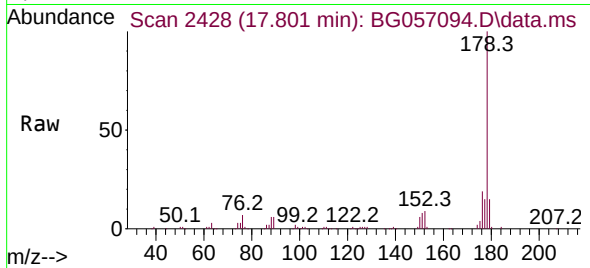
Tgt Ion:266 Resp: 35341
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.0 76.6
 264 62.9 46.8 70.2





#71
Phenanthrene
Concen: 39.145 ng
RT: 17.801 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

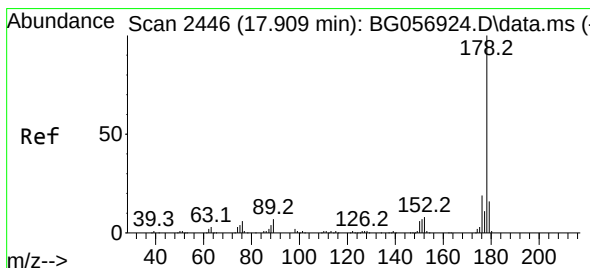
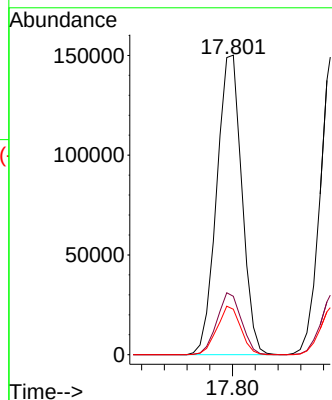
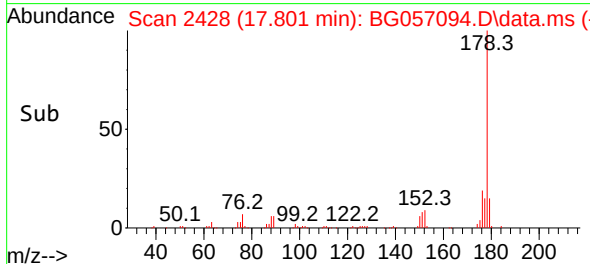
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



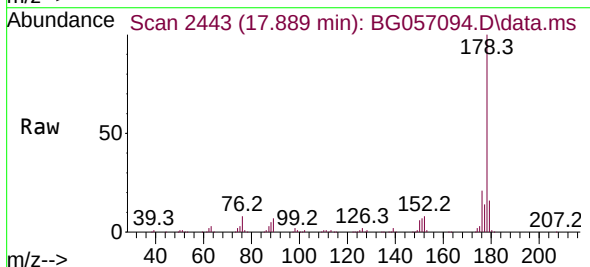
Tgt Ion:178 Resp: 23037
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.2 12.5 18.7

Manual Integrations
APPROVED

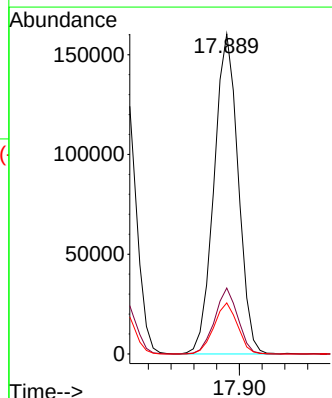
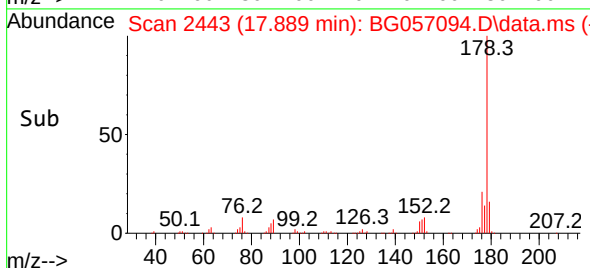
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

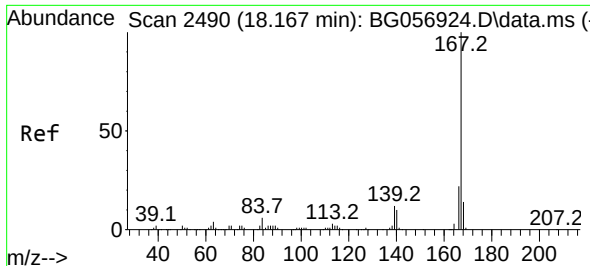


#72
Anthracene
Concen: 39.219 ng
RT: 17.889 min Scan# 2443
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28



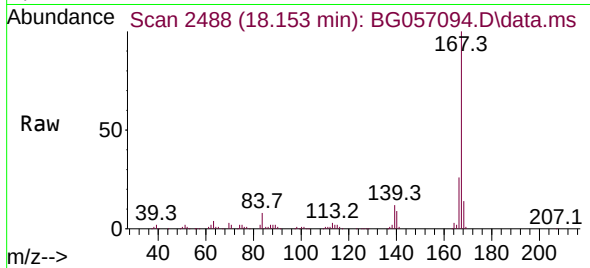
Tgt Ion:178 Resp: 236604
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 16.0 12.4 18.6





#73
Carbazole
Concen: 38.399 ng
RT: 18.153 min Scan# 2490
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

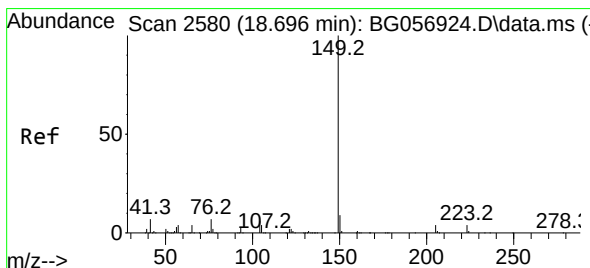
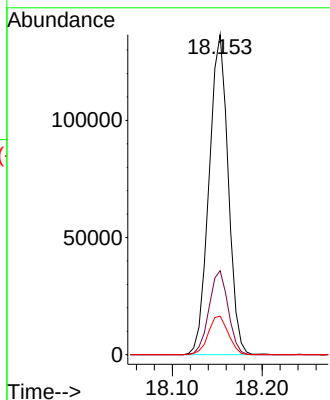
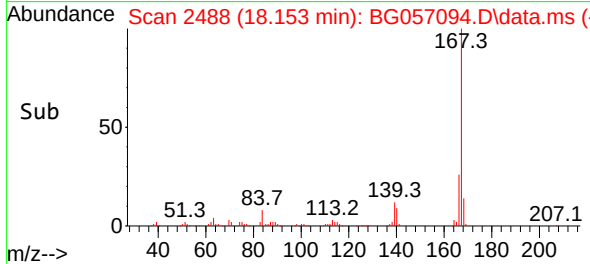
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



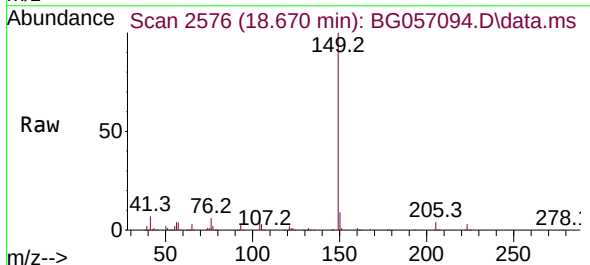
Tgt Ion:167 Resp: 201978
Ion Ratio Lower Upper
167 100
166 26.3 17.9 26.9
139 12.0 9.5 14.3

Manual Integrations
APPROVED

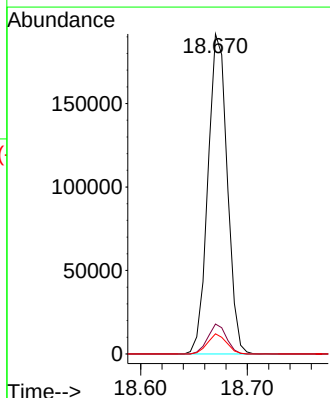
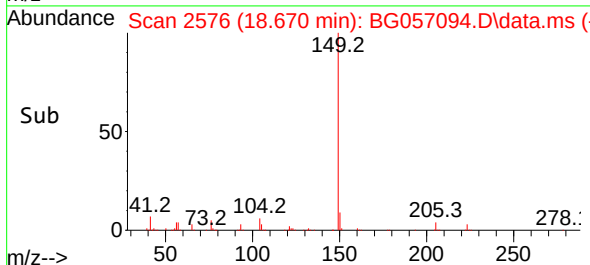
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

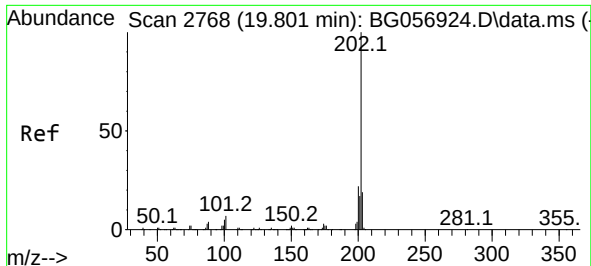


#74
Di-n-butylphthalate
Concen: 39.622 ng
RT: 18.670 min Scan# 2576
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28



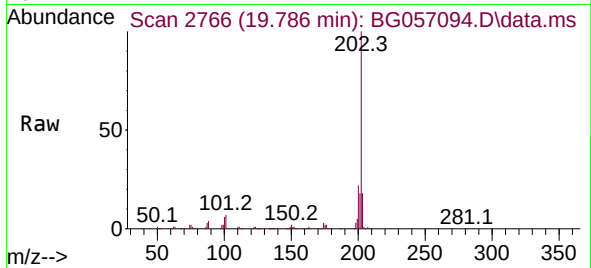
Tgt Ion:149 Resp: 241332
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 6.3 4.9 7.3





#75
Fluoranthene
Concen: 37.052 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

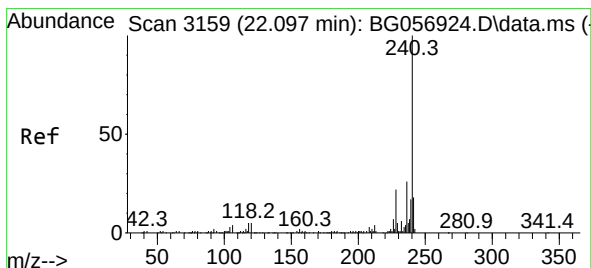
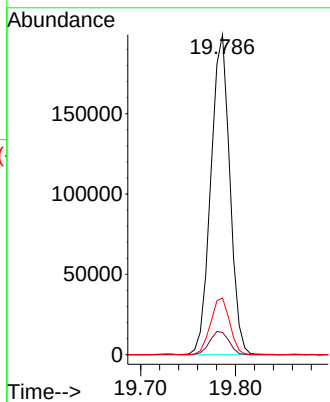
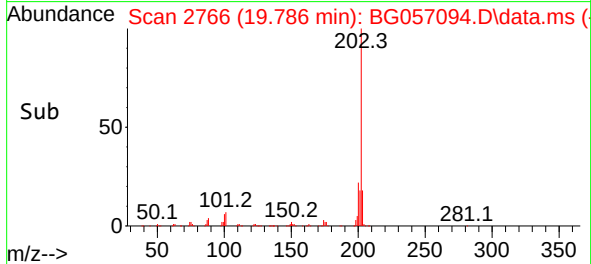
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 276419
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.7
203 17.7 0.0 39.0

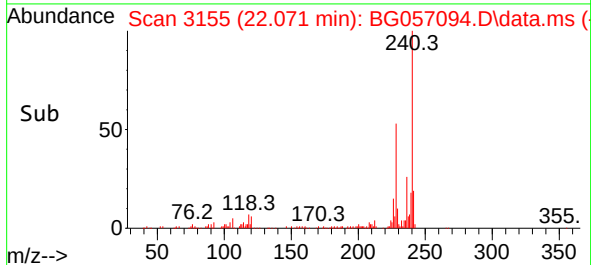
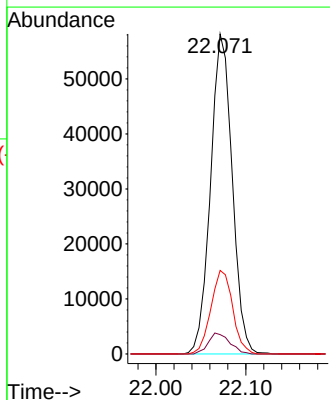
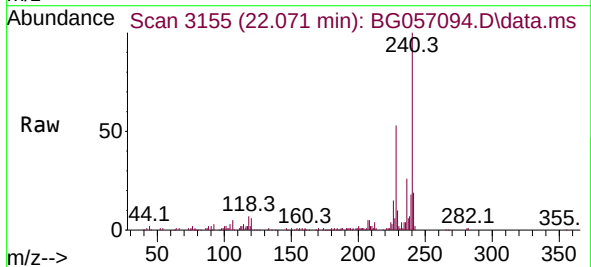
Manual Integrations
APPROVED

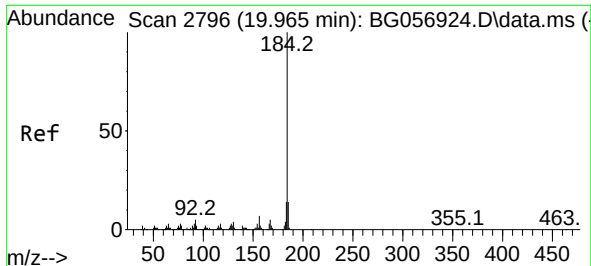
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:240 Resp: 97268
Ion Ratio Lower Upper
240 100
120 6.1 3.8 5.6#
236 26.1 21.0 31.6





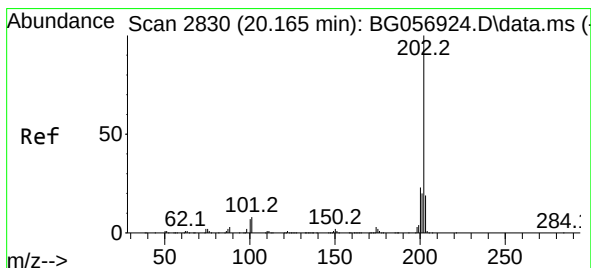
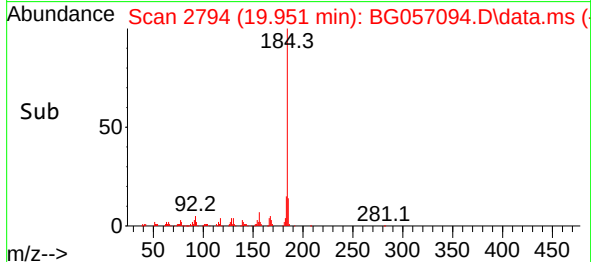
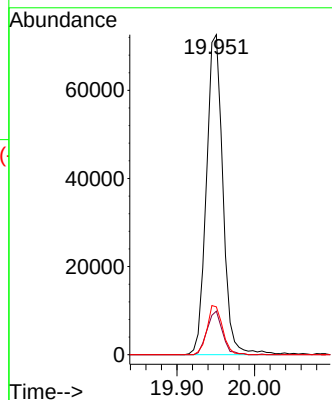
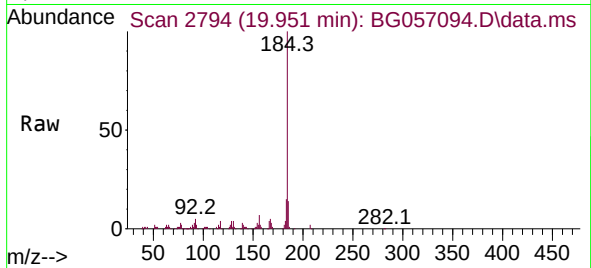
#77
Benzidine
Concen: 40.301 ng
RT: 19.951 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 107140
Ion Ratio Lower Upper
184 100
185 13.6 11.0 16.4
183 14.9 11.4 17.0

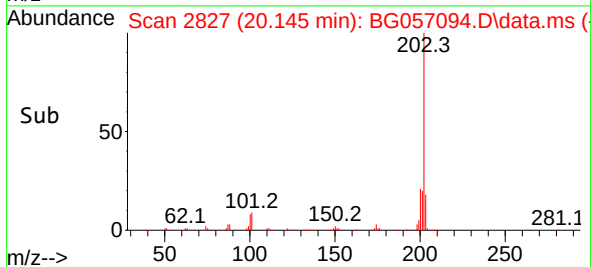
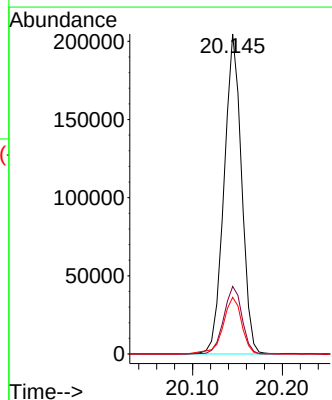
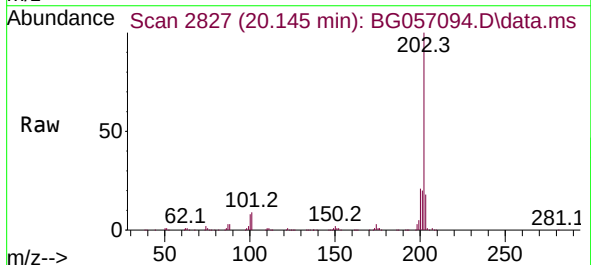
Manual Integrations
APPROVED

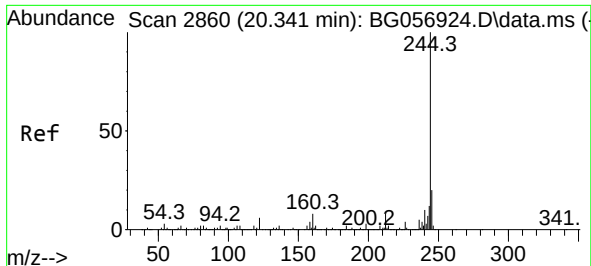
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#78
Pyrene
Concen: 41.091 ng
RT: 20.145 min Scan# 2827
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:202 Resp: 276440
Ion Ratio Lower Upper
202 100
200 21.1 18.7 28.1
203 17.7 15.4 23.2





#79
Terphenyl-d14
Concen: 82.775 ng
RT: 20.321 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

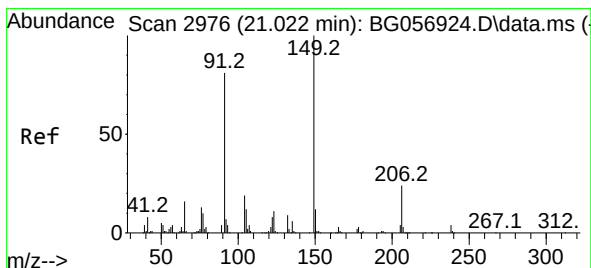
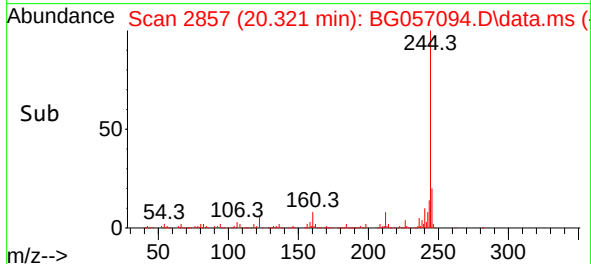
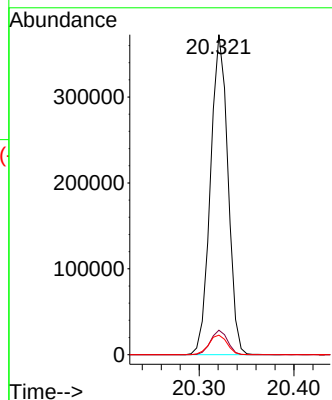
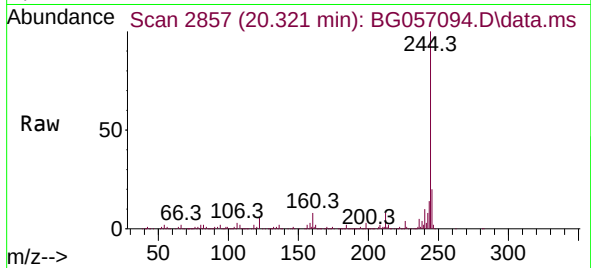
SSTDCCC040

Tgt Ion:244 Resp: 475804
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 6.1 5.0 7.4

Manual Integrations

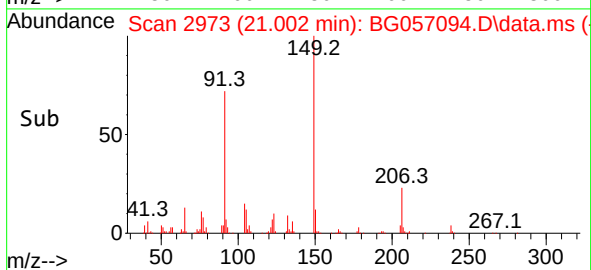
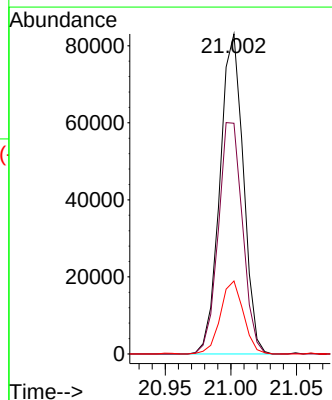
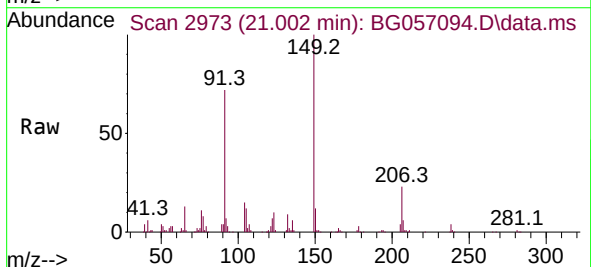
APPROVED

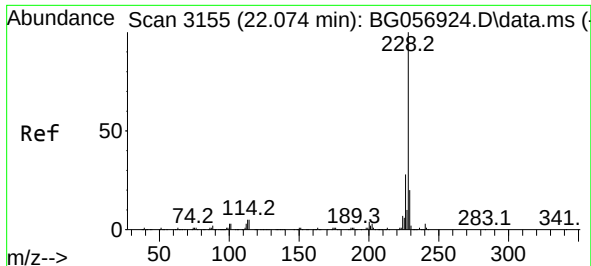
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#80
Butylbenzylphthalate
Concen: 44.443 ng
RT: 21.002 min Scan# 2973
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

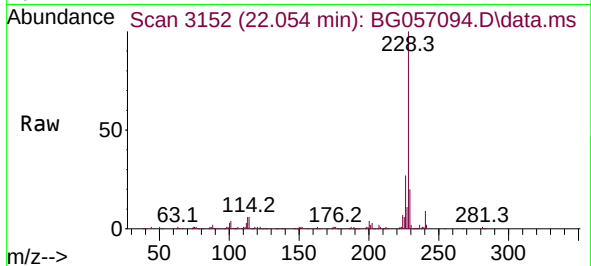
Tgt Ion:149 Resp: 102889
Ion Ratio Lower Upper
149 100
91 72.1 64.4 96.6
206 22.8 18.9 28.3





#81
Benzo(a)anthracene
Concen: 40.570 ng
RT: 22.054 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

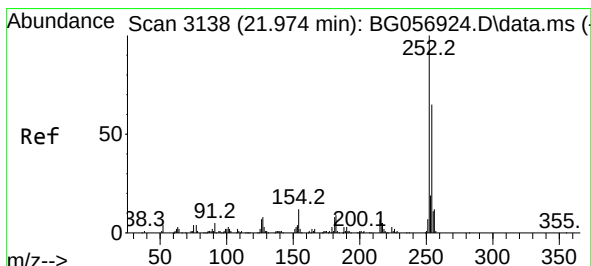
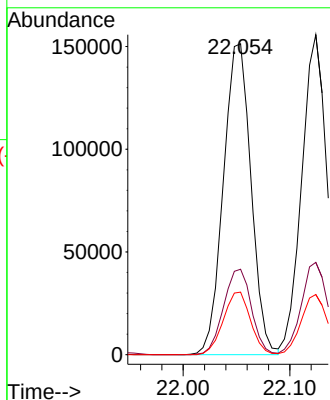
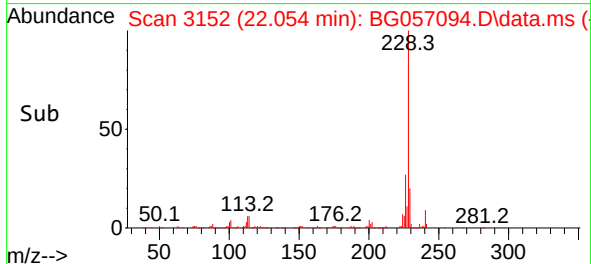
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 273072
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.1 16.1 24.1

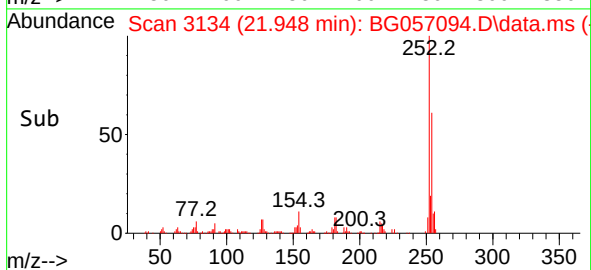
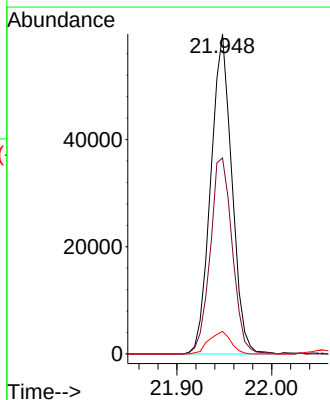
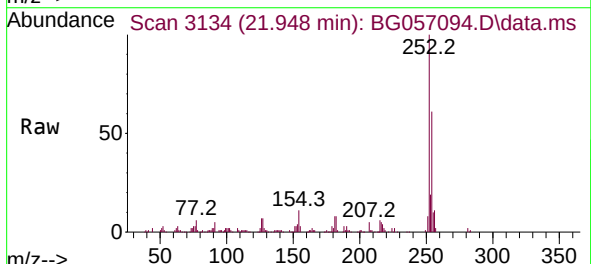
Manual Integrations
APPROVED

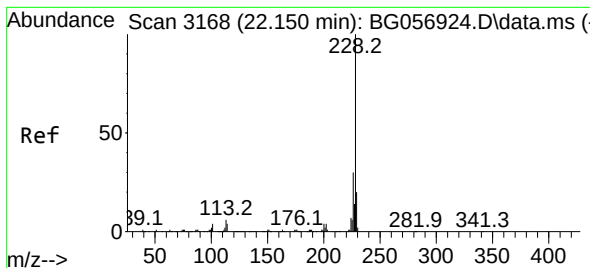
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.638 ng
RT: 21.948 min Scan# 3134
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:252 Resp: 92366
Ion Ratio Lower Upper
252 100
254 61.3 51.7 77.5
126 7.0 5.6 8.4





#83

Chrysene

Concen: 40.789 ng

RT: 22.124 min Scan# 3164

Delta R.T. -0.004 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

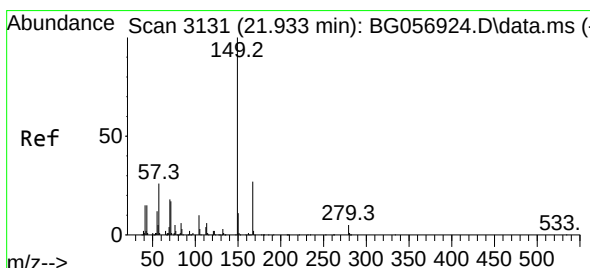
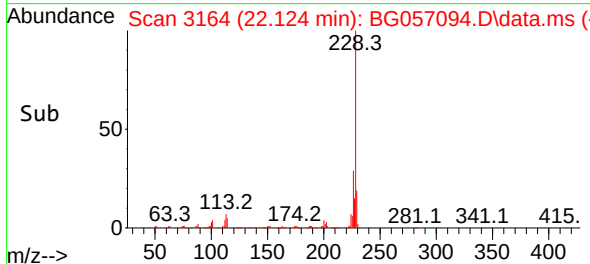
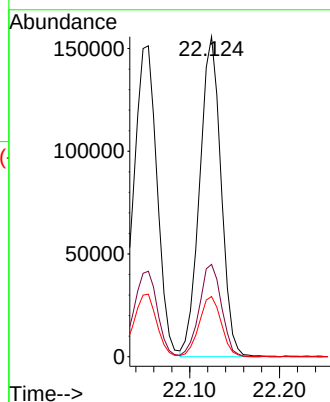
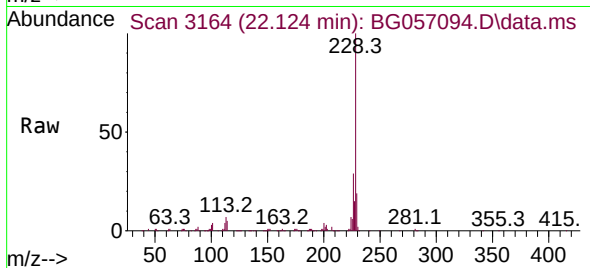
SSTDCCC040

Tgt Ion:	228	Resp:	257064
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.1	36.1
229	18.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.871 ng

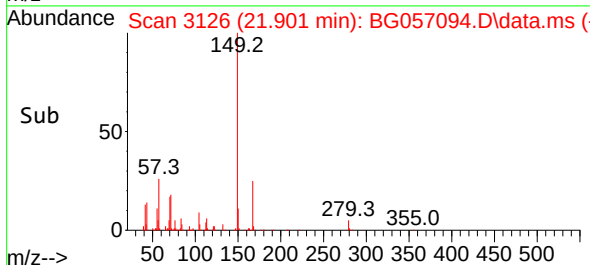
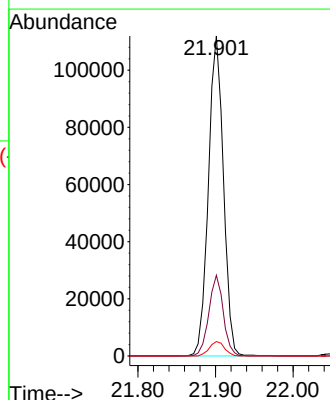
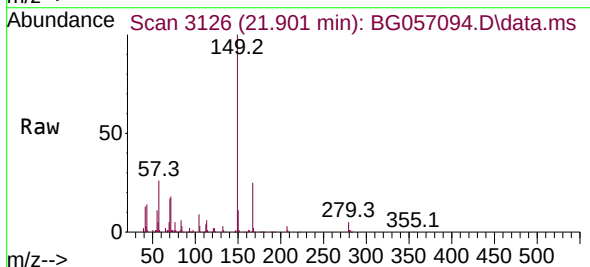
RT: 21.901 min Scan# 3126

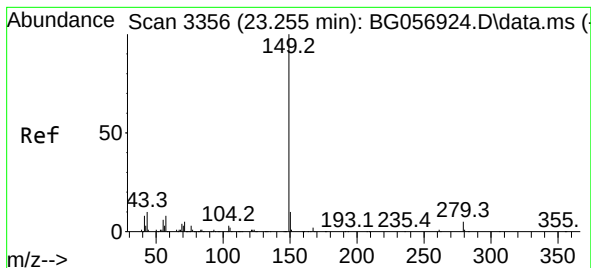
Delta R.T. -0.010 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

Tgt Ion:	149	Resp:	150420
Ion Ratio	Lower	Upper	
149	100		
167	25.2	21.4	32.2
279	4.5	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 43.749 ng

RT: 23.211 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 24714

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

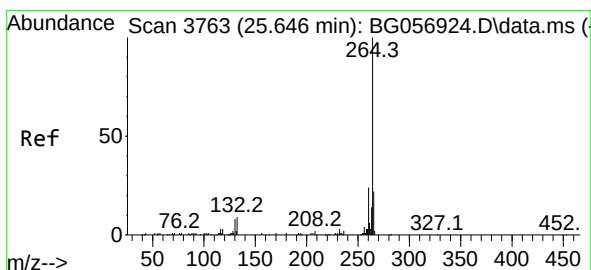
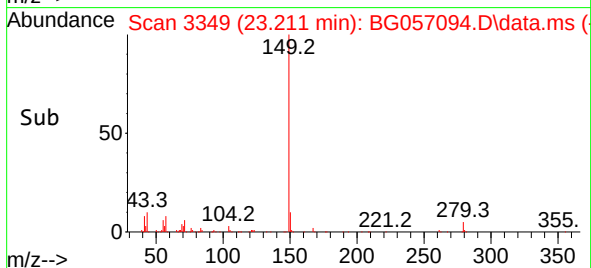
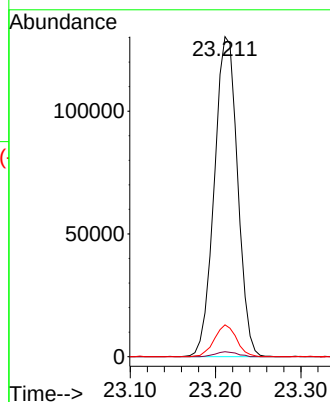
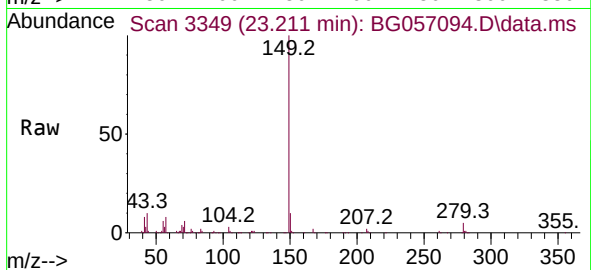
43 9.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.608 min Scan# 3757

Delta R.T. -0.004 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

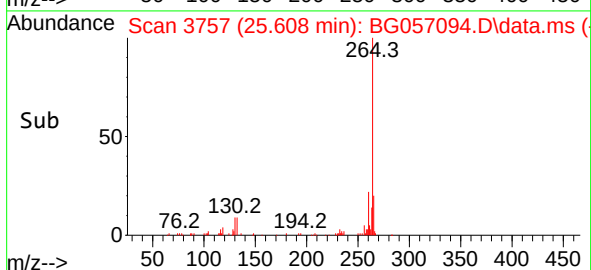
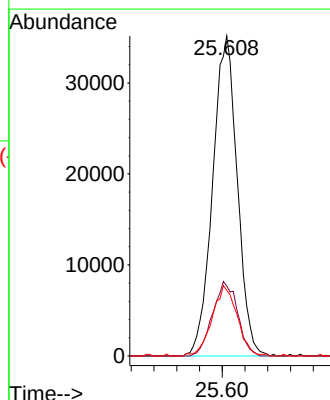
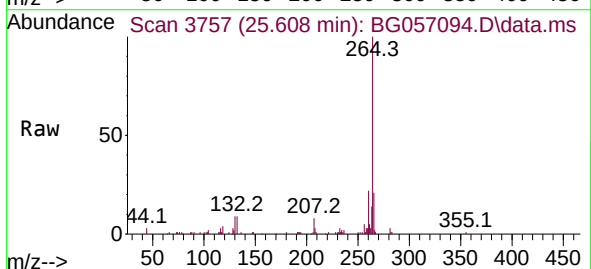
Tgt Ion:264 Resp: 105594

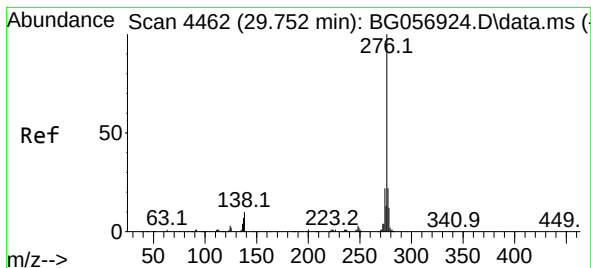
Ion Ratio Lower Upper

264 100

260 21.8 19.0 28.4

265 20.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.209 ng

RT: 29.685 min Scan# 4462

Delta R.T. -0.027 min

Lab File: BG057094.D

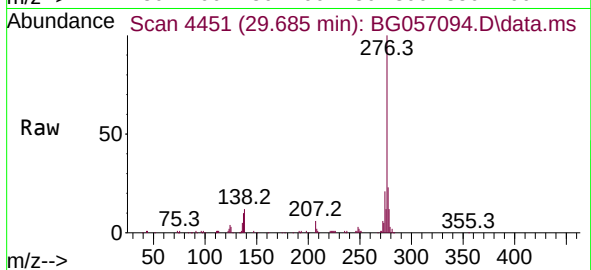
Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 31378

Ion Ratio Lower Upper

276 100

138 7.8 7.7 11.5

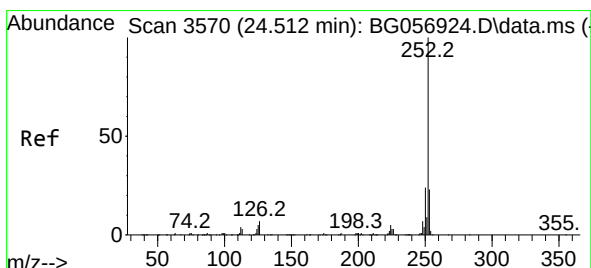
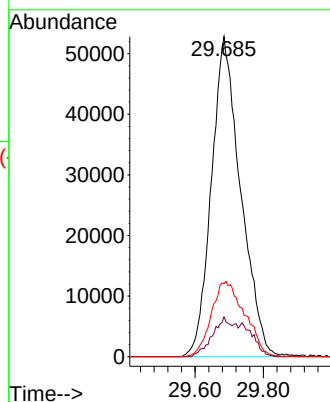
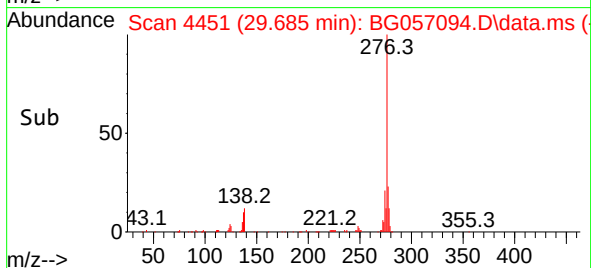
277 26.8 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#88

Benzo(b)fluoranthene

Concen: 40.599 ng

RT: 24.474 min Scan# 3564

Delta R.T. -0.010 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

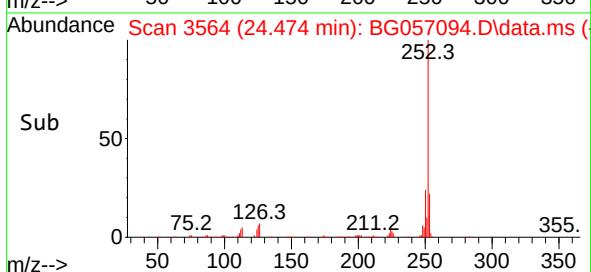
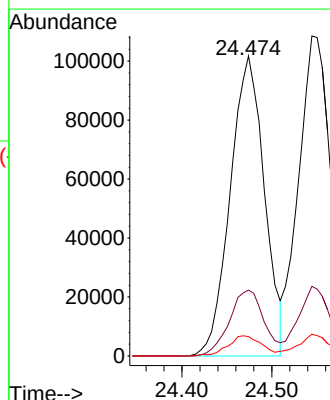
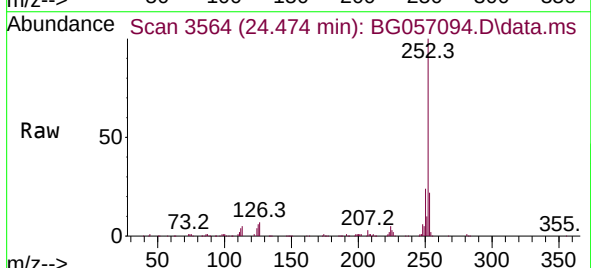
Tgt Ion:252 Resp: 268083

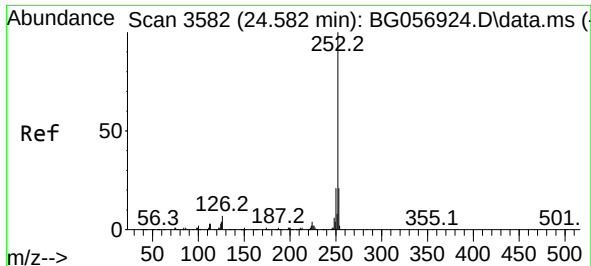
Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

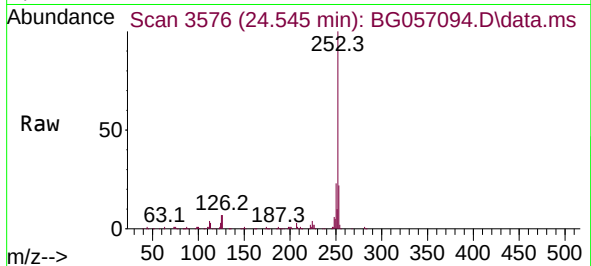
125 6.4 4.2 6.4#





#89
Benzo(k)fluoranthene
Concen: 41.282 ng
RT: 24.545 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

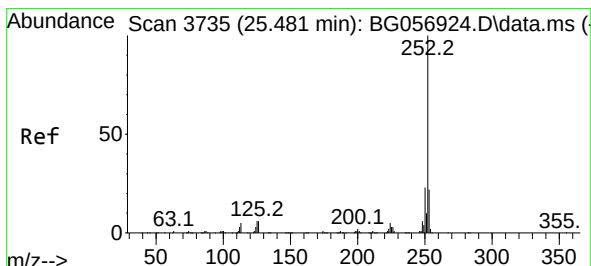
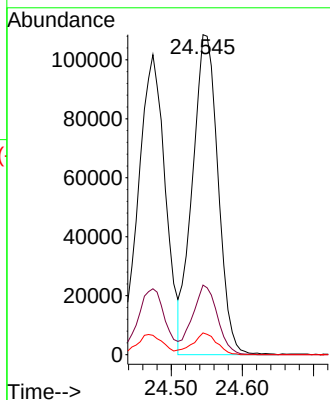
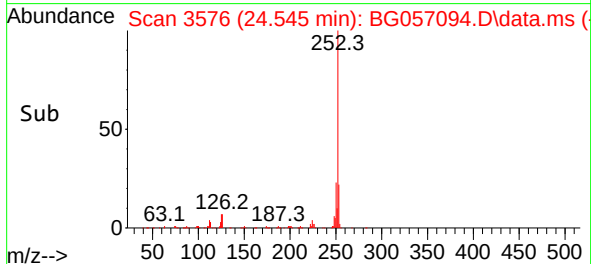
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 27213
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 6.8 3.8 5.6

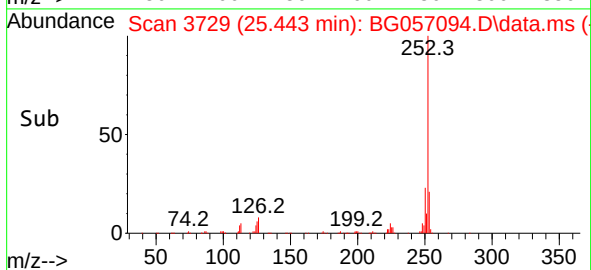
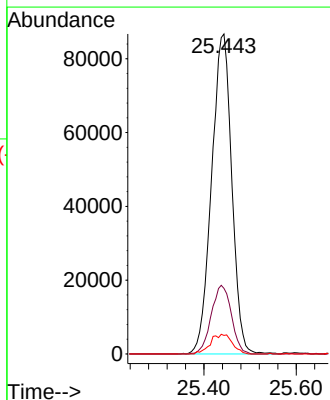
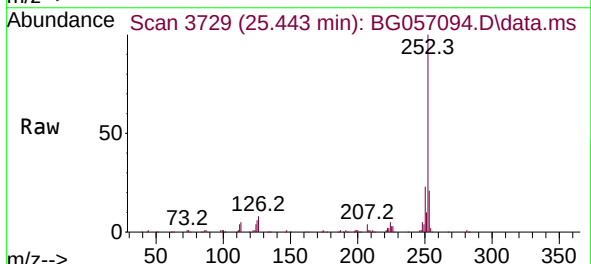
Manual Integrations
APPROVED

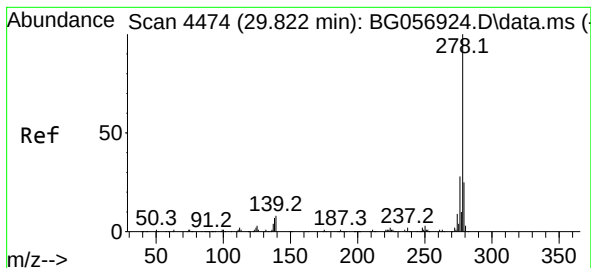
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#90
Benzo(a)pyrene
Concen: 40.491 ng
RT: 25.443 min Scan# 3729
Delta R.T. -0.010 min
Lab File: BG057094.D
Acq: 14 Apr 2023 10:28

Tgt Ion:252 Resp: 262730
Ion Ratio Lower Upper
252 100
253 20.5 17.6 26.4
125 5.8 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 40.816 ng

RT: 29.755 min Scan# 44

Delta R.T. -0.010 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 26182

Ion Ratio Lower Upper

278 100

139 8.5 6.4 9.6

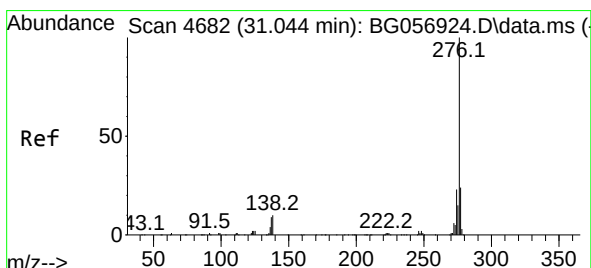
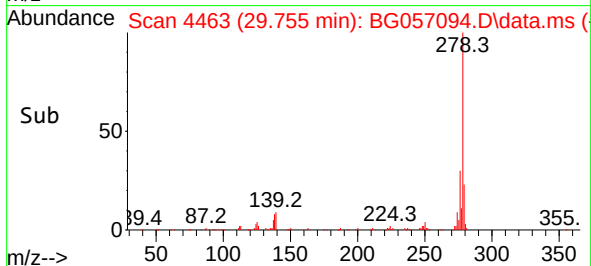
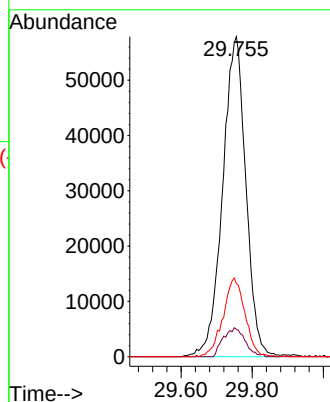
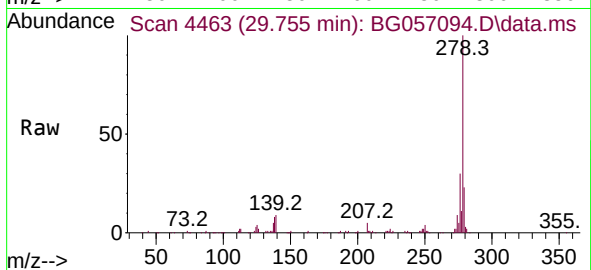
279 22.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#92

Benzo(g,h,i)perylene

Concen: 40.090 ng

RT: 30.965 min Scan# 4669

Delta R.T. -0.027 min

Lab File: BG057094.D

Acq: 14 Apr 2023 10:28

Tgt Ion:276 Resp: 251814

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 12.2 8.2 12.2

