

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057120.D
 Acq On : 17 Apr 2023 21:13
 Operator : CG/JU
 Sample : 02357-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P2-S1-230413MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2023
 Supervised By : Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 01:22:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 19:00:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	14925	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	66228	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	46375	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	108892	20.000	ng	# 0.00
76) Chrysene-d12	22.071	240	89068	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	98777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	78615	84.301	ng	0.00
7) Phenol-d6	7.532	99	165134	118.397	ng	0.00
23) Nitrobenzene-d5	9.576	82	68298	42.197	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	75527	101.946	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	203277	59.438	ng	0.00
79) Terphenyl-d14	20.321	244	282756	53.719	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.714	88	17429	42.635	ng	96
3) Pyridine	4.131	79	27203	20.660	ng	# 90
4) n-Nitrosodimethylamine	4.043	42	17684	29.212	ng	# 87
6) Aniline	7.708	93	58971	33.073	ng	96
8) 2-Chlorophenol	7.955	128	53248	57.326	ng	91
9) Benzaldehyde	7.520	77	37329	42.671	ng	95
10) Phenol	7.562	94	76935	55.669	ng	94
11) bis(2-Chloroethyl)ether	7.797	93	50371	51.167	ng	97
12) 1,3-Dichlorobenzene	8.284	146	53385	52.014	ng	96
13) 1,4-Dichlorobenzene	8.437	146	53580	51.724	ng	100
14) 1,2-Dichlorobenzene	8.760	146	52006	51.965	ng	96
15) Benzyl Alcohol	8.631	79	56908	49.104	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.919	45	66990	56.464	ng	95
17) 2-Methylphenol	8.836	107	51795	52.531	ng	88
18) Hexachloroethane	9.500	117	13313	35.162	ng	85
19) n-Nitroso-di-n-propyla...	9.200	70	41632	41.731	ng	99
20) 3+4-Methylphenols	9.165	107	74135	53.770	ng	97
22) Acetophenone	9.230	105	73308	37.199	ng	# 92
24) Nitrobenzene	9.623	77	48753	29.461	ng	96
25) Isophorone	10.140	82	98849	32.071	ng	99
26) 2-Nitrophenol	10.340	139	30422	47.629	ng	# 91
27) 2,4-Dimethylphenol	10.381	122	55744	49.429	ng	97
28) bis(2-Chloroethoxy)met...	10.616	93	68802	44.588	ng	96
29) 2,4-Dichlorophenol	10.881	162	55796	46.004	ng	97
30) 1,2,4-Trichlorobenzene	11.098	180	57862	44.900	ng	95
31) Naphthalene	11.292	128	164010	45.434	ng	96
32) Benzoic acid	10.528	122	35352m	45.635	ng	
33) 4-Chloroaniline	11.392	127	34168	20.957	ng	95
34) Hexachlorobutadiene	11.562	225	38230	39.493	ng	94
35) Caprolactam	12.155	113	18912m	45.215	ng	
36) 4-Chloro-3-methylphenol	12.484	107	61227	45.141	ng	99
37) 2-Methylnaphthalene	12.866	142	119801	41.815	ng	96
38) 1-Methylnaphthalene	13.083	142	113344	42.131	ng	99
40) 1,2,4,5-Tetrachloroben...	13.230	216	74947	46.604	ng	98
41) Hexachlorocyclopentadiene	13.201	237	84046	94.854	ng	97
43) 2,4,6-Trichlorophenol	13.459	196	49112	47.857	ng	96

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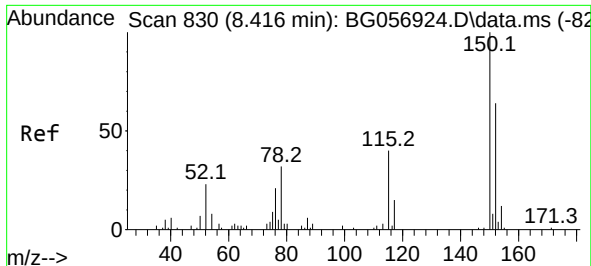
Quant Time: Apr 18 01:22:18 2023
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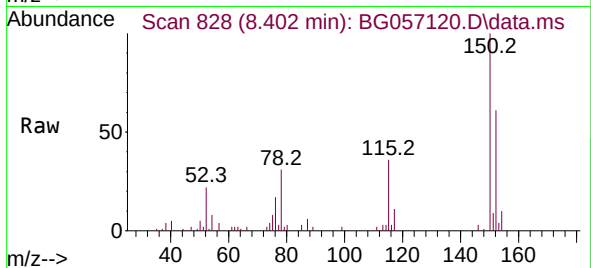
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	54518	44.844	ng	94
46) 1,1'-Biphenyl	13.847	154	168147	49.531	ng	99
47) 2-Chloronaphthalene	13.900	162	128058	51.004	ng	98
48) 2-Nitroaniline	14.094	65	42886	47.769	ng	97
49) Acenaphthylene	14.740	152	200920	48.705	ng	99
50) Dimethylphthalate	14.452	163	168167	46.022	ng	98
51) 2,6-Dinitrotoluene	14.576	165	36679	46.459	ng	91
52) Acenaphthene	15.075	154	153659m	54.009	ng	
53) 3-Nitroaniline	14.910	138	24027	30.747	ng	99
54) 2,4-Dinitrophenol	15.116	184	45189	101.691	ng	97
55) Dibenzofuran	15.410	168	200360	46.921	ng	98
56) 4-Nitrophenol	15.210	139	61321	106.118	ng	# 84
57) 2,4-Dinitrotoluene	15.363	165	53055	47.648	ng	# 94
58) Fluorene	16.056	166	164620	46.589	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.633	232	50847	45.936	ng	# 96
60) Diethylphthalate	15.797	149	170011	46.411	ng	99
61) 4-Chlorophenyl-phenyle...	16.032	204	93561	45.098	ng	94
62) 4-Nitroaniline	16.068	138	36863	45.530	ng	88
63) Azobenzene	16.326	77	172377	47.218	ng	96
65) 4,6-Dinitro-2-methylph...	16.126	198	34030	51.600	ng	96
66) n-Nitrosodiphenylamine	16.250	169	141266	48.327	ng	99
67) 4-Bromophenyl-phenylether	16.925	248	60572	44.957	ng	93
68) Hexachlorobenzene	17.060	284	66799	50.147	ng	98
69) Atrazine	17.178	200	59636	49.148	ng	97
70) Pentachlorophenol	17.401	266	75367	78.866	ng	97
71) Phenanthrene	17.795	178	273638	49.288	ng	99
72) Anthracene	17.889	178	268853	47.239	ng	99
73) Carbazole	18.153	167	231928	46.740	ng	93
74) Di-n-butylphthalate	18.670	149	280045	48.737	ng	99
75) Fluoranthene	19.780	202	281892	40.054	ng	98
77) Benzidine	19.951	184	107110	43.996	ng	99
78) Pyrene	20.145	202	245301	39.819	ng	98
80) Butylbenzylphthalate	20.996	149	80848	38.138	ng	96
81) Benzo(a)anthracene	22.048	228	308525	50.057	ng	100
82) 3,3'-Dichlorobenzidine	21.942	252	80893	38.867	ng	# 98
83) Chrysene	22.124	228	282147	48.891	ng	99
84) Bis(2-ethylhexyl)phtha...	21.901	149	166120	54.116	ng	96
85) Di-n-octyl phthalate	23.211	149	275933	53.341	ng	100
87) Indeno(1,2,3-cd)pyrene	29.696	276	355609	48.713	ng	99
88) Benzo(b)fluoranthene	24.474	252	311465m	50.425	ng	
89) Benzo(k)fluoranthene	24.550	252	302254	49.015	ng	# 98
90) Benzo(a)pyrene	25.443	252	279824	46.102	ng	# 98
91) Dibenzo(a,h)anthracene	29.755	278	294624	49.099	ng	96
92) Benzo(g,h,i)perylene	30.983	276	284003	48.335	ng	# 97

(#) = 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: BG057120.D
Acq: 17 Apr 2023 21:13

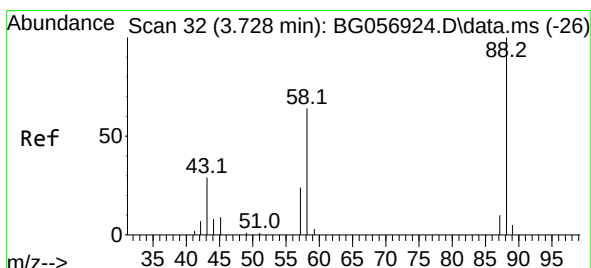
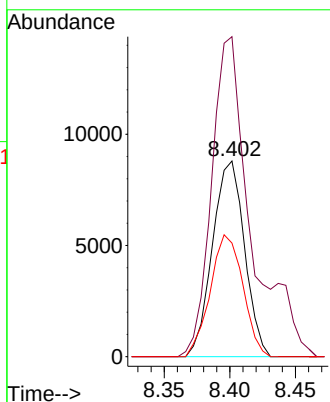
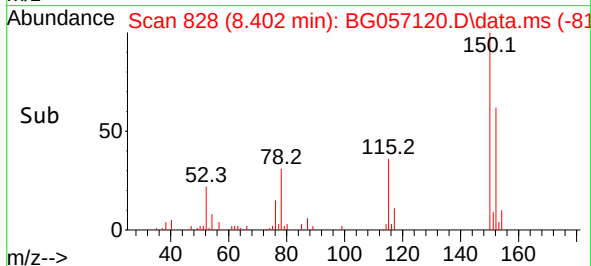
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



Tgt Ion:152 Resp: 1492
Ion Ratio Lower Upper
152 100
150 163.5 124.1 186.1
115 58.1 49.1 73.7

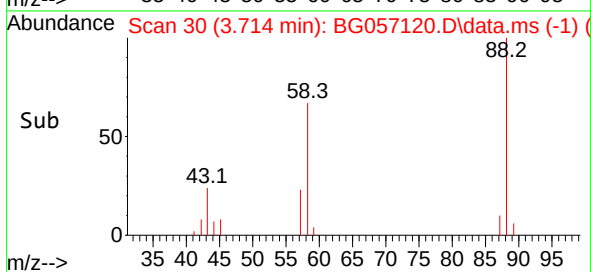
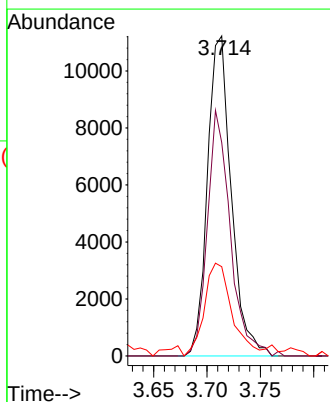
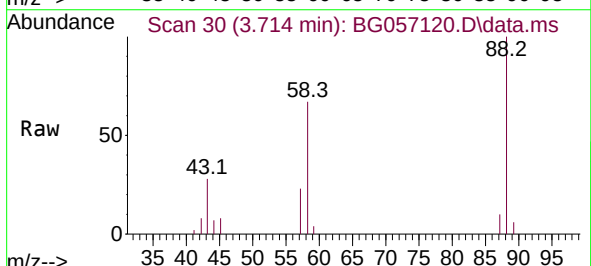
Manual Integrations
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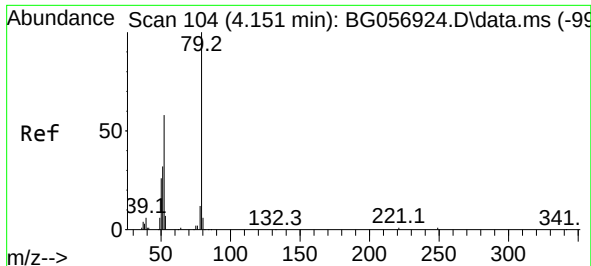
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#2
1,4-Dioxane
Concen: 42.635 ng
RT: 3.714 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion: 88 Resp: 17429
Ion Ratio Lower Upper
88 100
58 74.0 55.9 83.9
43 33.4 25.7 38.5





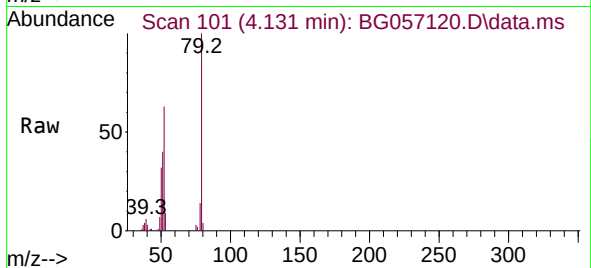
#3
Pyridine
Concen: 20.660 ng
RT: 4.131 min Scan# 104
Delta R.T. -0.016 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

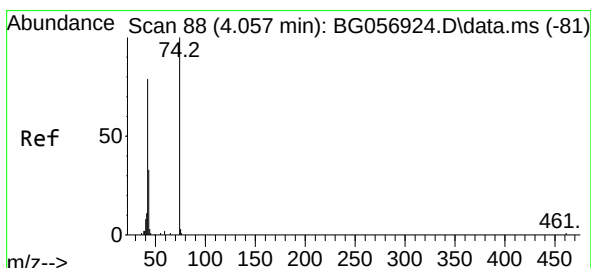
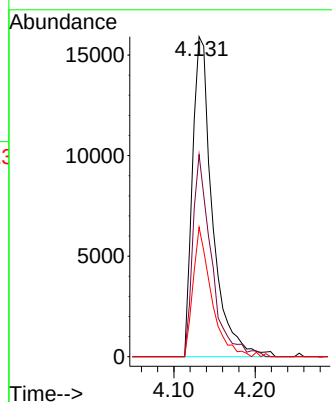
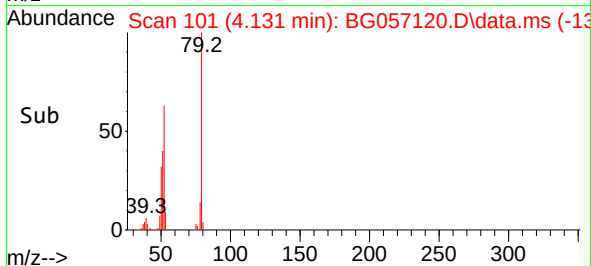


Tgt Ion: 79 Resp: 2720
Ion Ratio Lower Upper
79 100
52 63.2 46.1 69.1
51 40.5 26.1 39.1

Manual Integrations

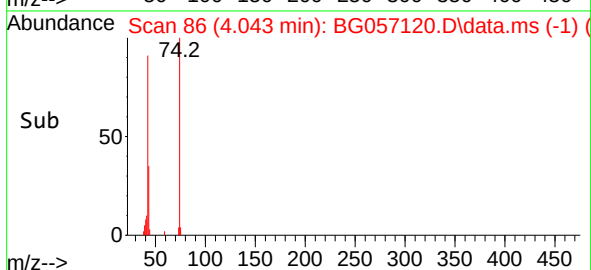
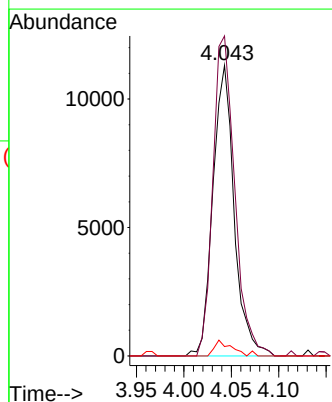
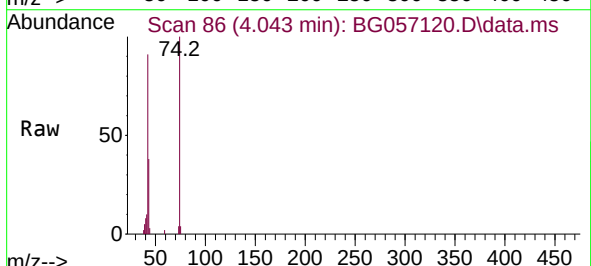
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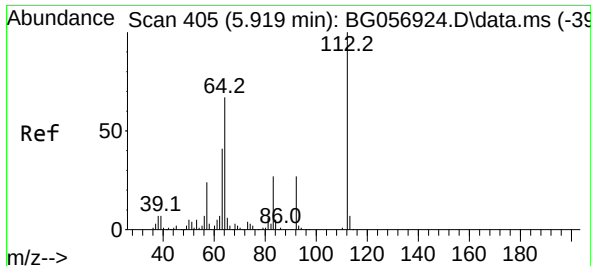
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#4
n-Nitrosodimethylamine
Concen: 29.212 ng
RT: 4.043 min Scan# 86
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion: 42 Resp: 17684
Ion Ratio Lower Upper
42 100
74 110.1 100.6 151.0
44 3.2 4.6 7.0





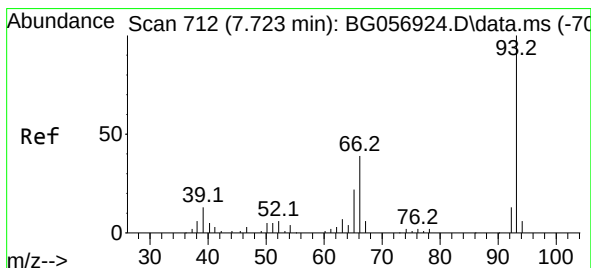
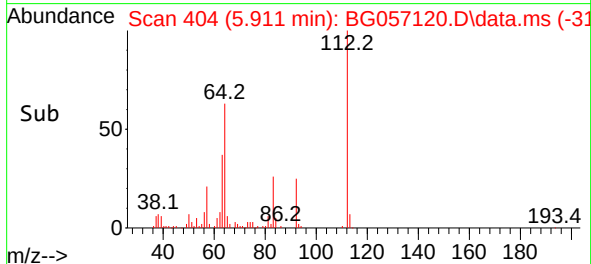
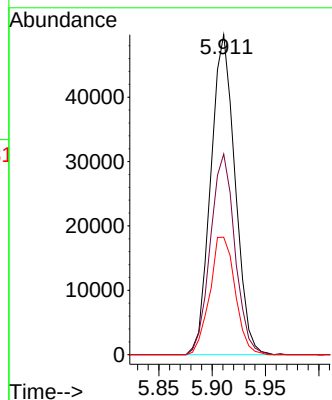
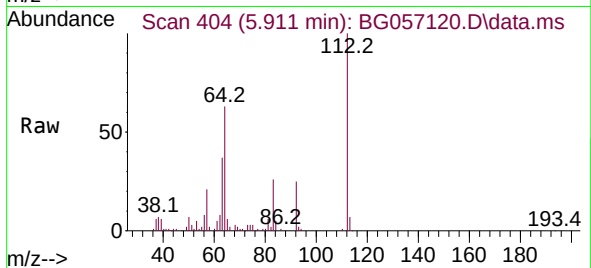
#5
2-Fluorophenol
Concen: 84.301 ng
RT: 5.911 min Scan# 40
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD

Tgt Ion:112 Resp: 7861
Ion Ratio Lower Upper
112 100
64 62.7 53.2 79.8
63 36.7 32.6 48.8

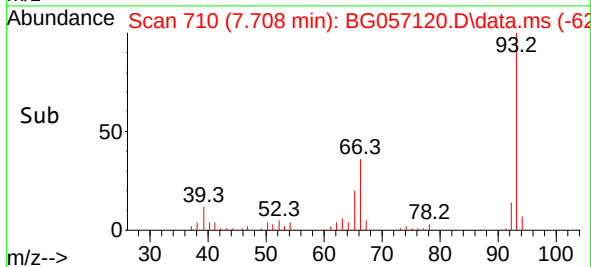
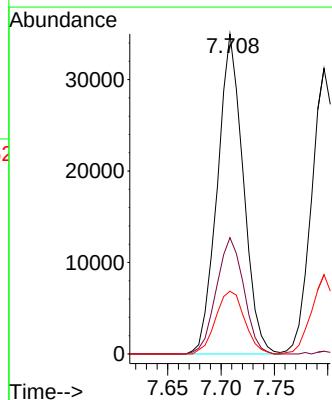
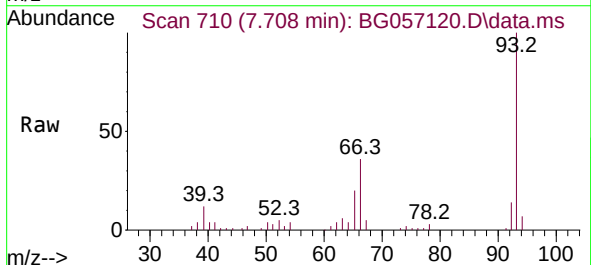
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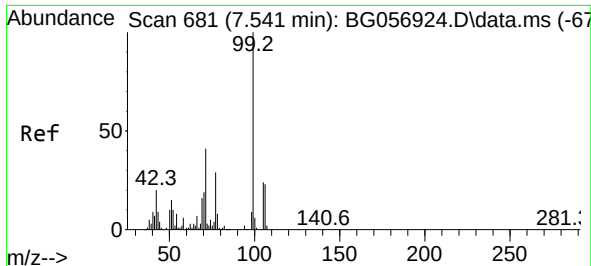
Reviewed By :Christian Giraldo 04/18/2023
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#6
Aniline
Concen: 33.073 ng
RT: 7.708 min Scan# 710
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

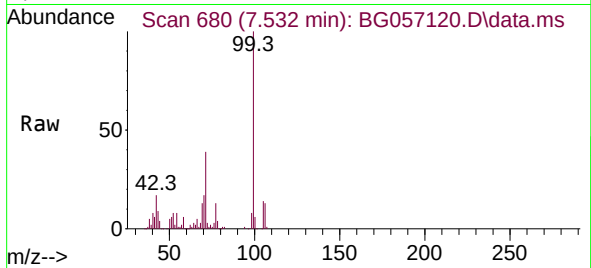
Tgt Ion: 93 Resp: 58971
Ion Ratio Lower Upper
93 100
66 36.4 31.4 47.0
65 19.6 17.3 25.9





#7
Phenol-d6
Concen: 118.397 ng
RT: 7.532 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

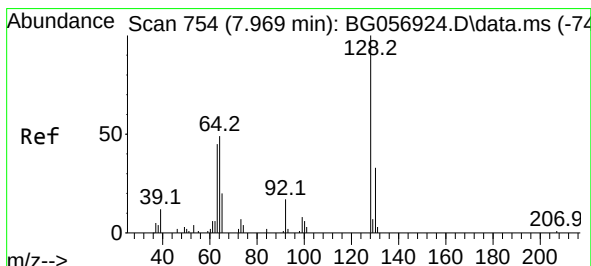
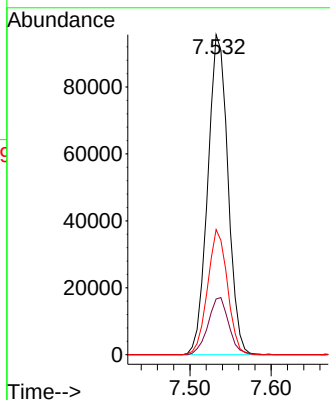
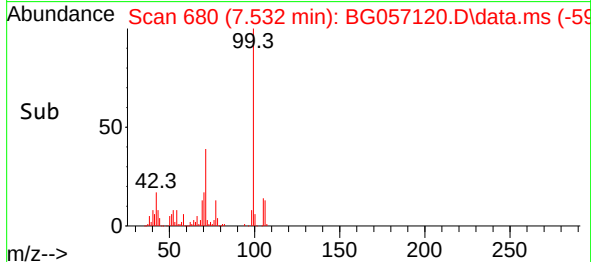
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Tgt Ion: 99 Resp: 165134
Ion Ratio Lower Upper
99 100
42 17.4 15.7 23.5
71 39.1 32.5 48.7

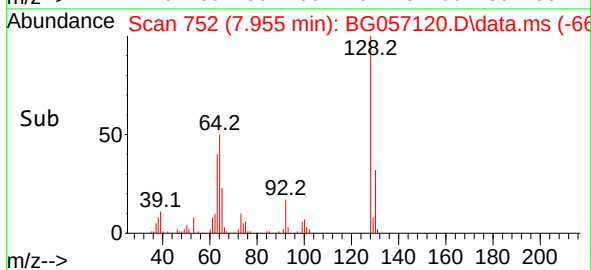
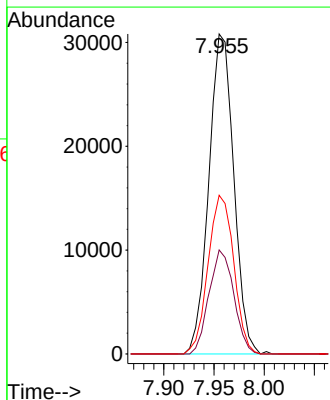
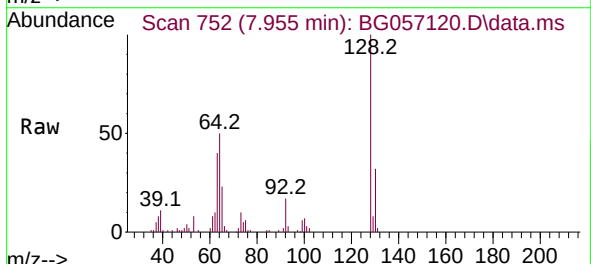
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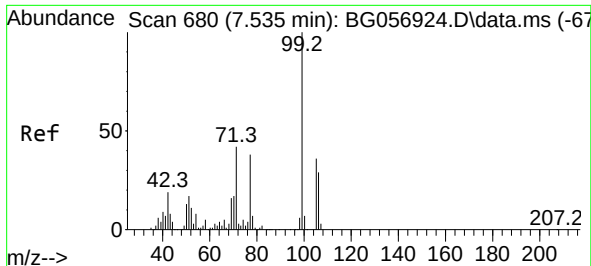
Reviewed By :Christian Giraldo 04/18/2023
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#8
2-Chlorophenol
Concen: 57.326 ng
RT: 7.955 min Scan# 752
Delta R.T. -0.010 min
Lab File: BG057120.D
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Tgt Ion:128 Resp: 53248
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 49.6 40.6 80.6





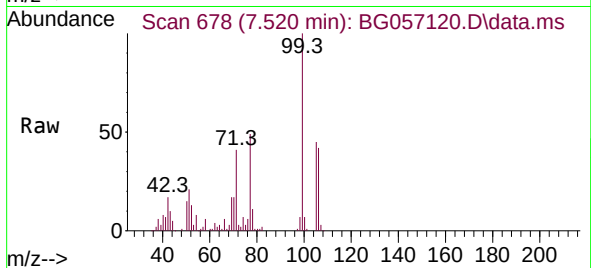
#9
Benzaldehyde
Concen: 42.671 ng
RT: 7.520 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

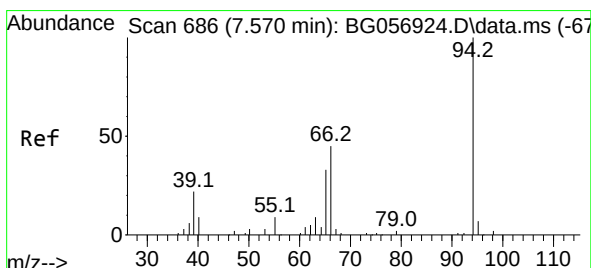
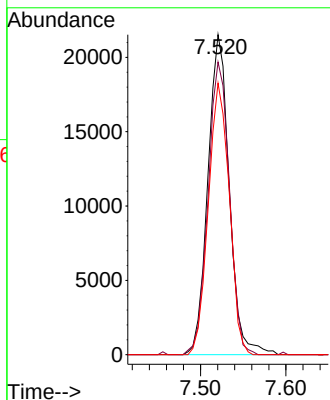
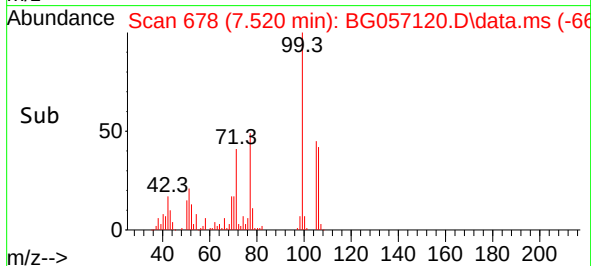


Tgt Ion: 77 Resp: 37329
Ion Ratio Lower Upper
77 100
105 91.5 73.6 113.6
106 84.8 56.7 96.7

Manual Integrations

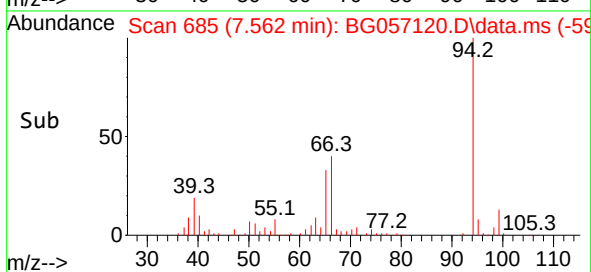
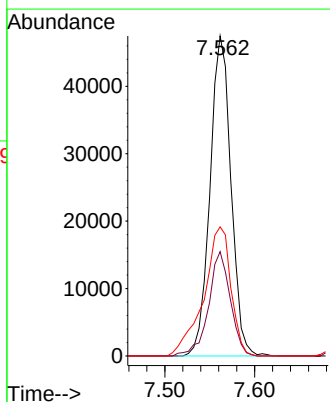
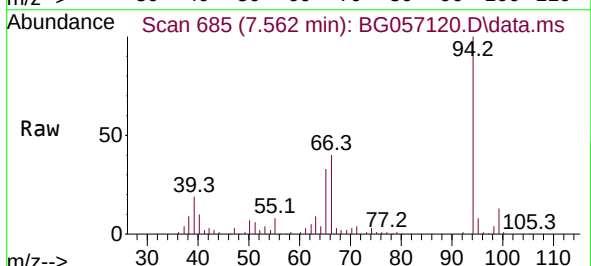
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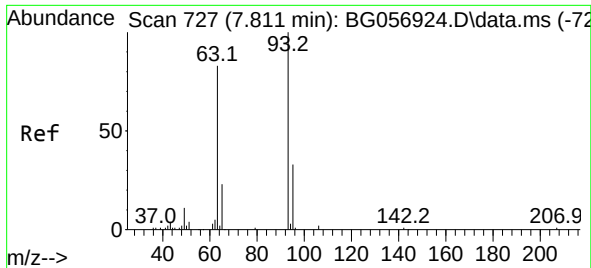
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#10
Phenol
Concen: 55.669 ng
RT: 7.562 min Scan# 685
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion: 94 Resp: 76935
Ion Ratio Lower Upper
94 100
65 32.6 13.3 53.3
66 40.3 26.7 66.7





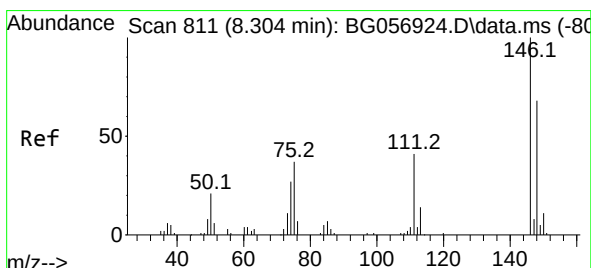
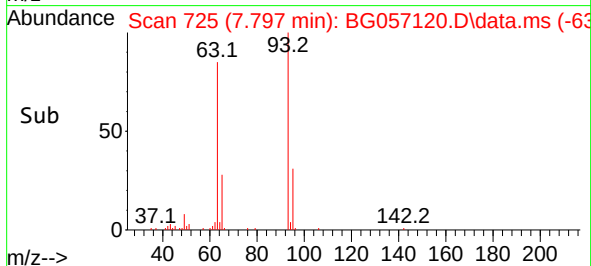
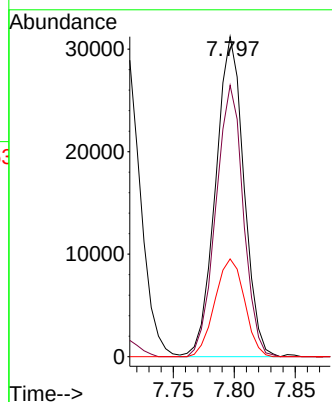
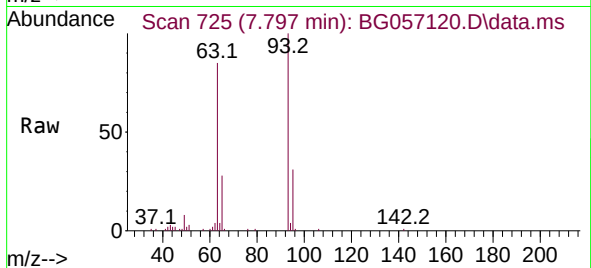
#11
bis(2-Chloroethyl)ether
Concen: 51.167 ng
RT: 7.797 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD

Tgt Ion: 93 Resp: 5037
Ion Ratio Lower Upper
93 100
63 84.8 62.7 102.7
95 30.5 12.3 52.3

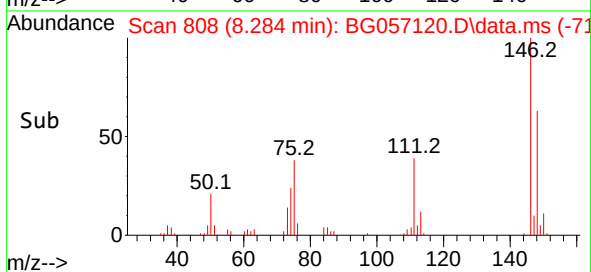
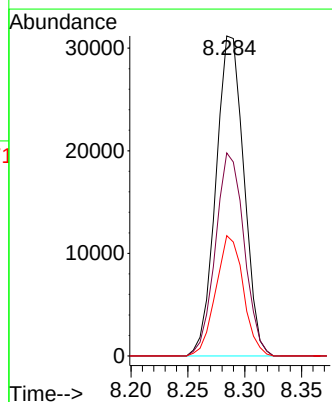
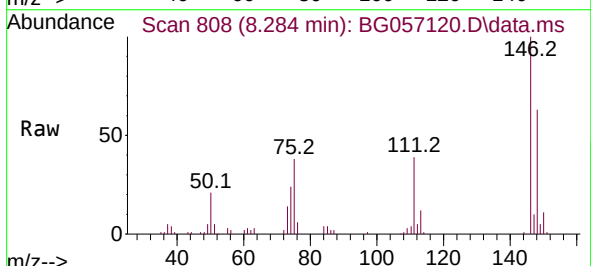
Manual Integrations
APPROVED

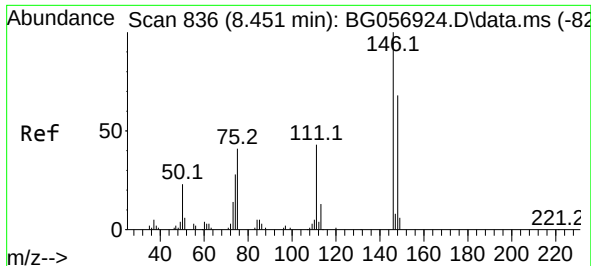
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#12
1,3-Dichlorobenzene
Concen: 52.014 ng
RT: 8.284 min Scan# 808
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

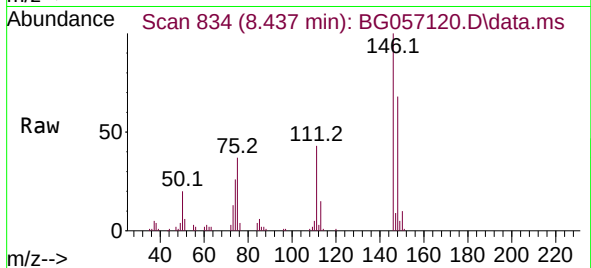
Tgt Ion:146 Resp: 53385
Ion Ratio Lower Upper
146 100
148 63.5 54.2 81.4
75 37.6 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 51.724 ng
RT: 8.437 min Scan# 811
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

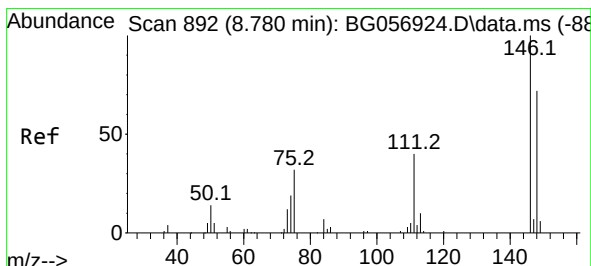
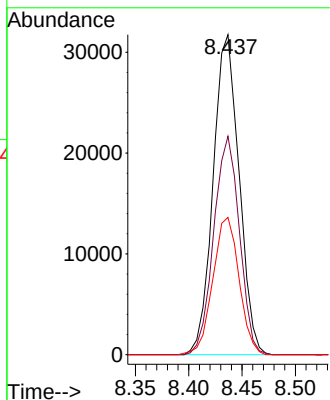
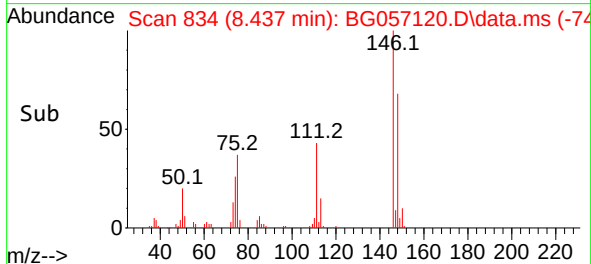
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



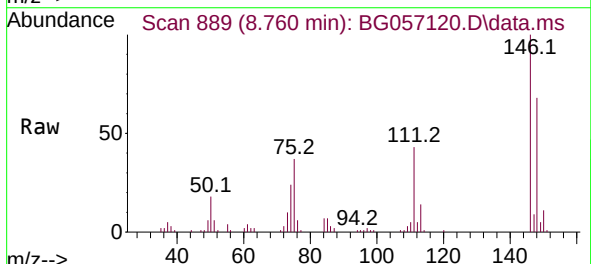
Tgt Ion:146 Resp: 53580
Ion Ratio Lower Upper
146 100
148 68.2 54.8 82.2
111 42.9 34.6 52.0

Manual Integrations
APPROVED

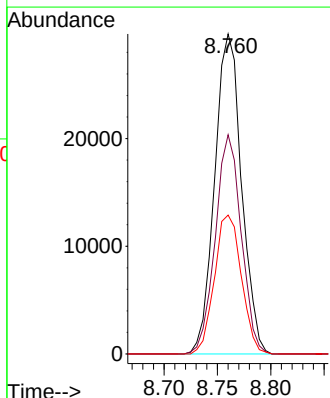
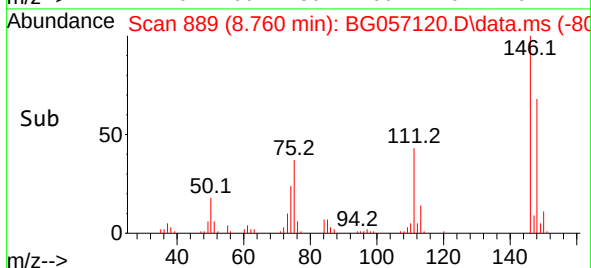
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

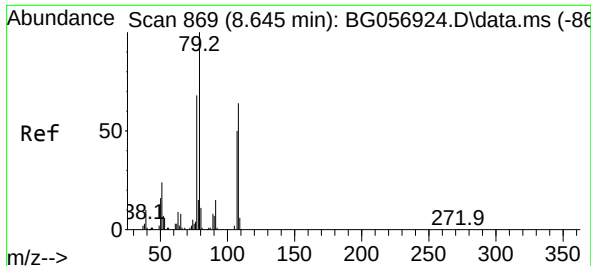


#14
1,2-Dichlorobenzene
Concen: 51.965 ng
RT: 8.760 min Scan# 889
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:146 Resp: 52006
Ion Ratio Lower Upper
146 100
148 68.5 57.4 86.0
111 43.4 33.2 49.8





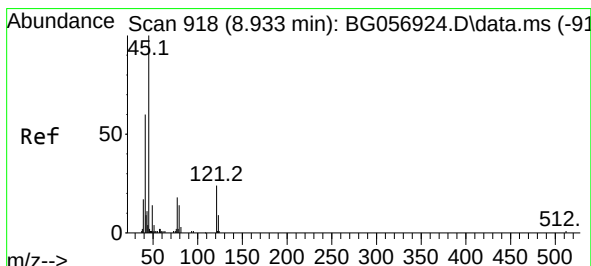
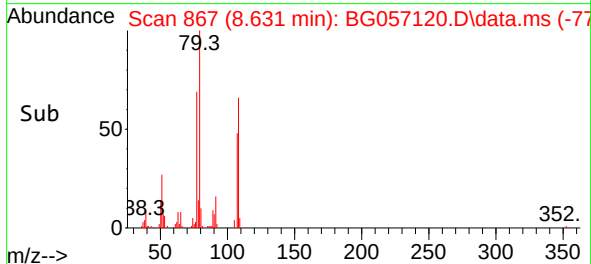
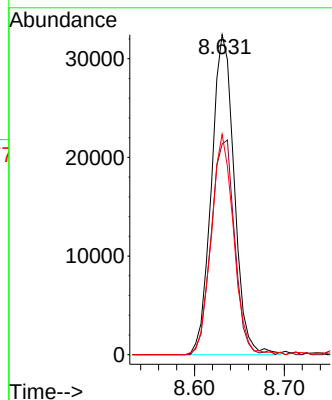
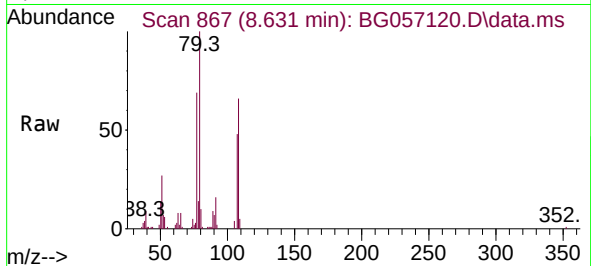
#15
Benzyl Alcohol
Concen: 49.104 ng
RT: 8.631 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD

Tgt Ion: 79 Resp: 56908
Ion Ratio Lower Upper
79 100
108 65.8 51.2 76.8
77 68.9 54.4 81.6

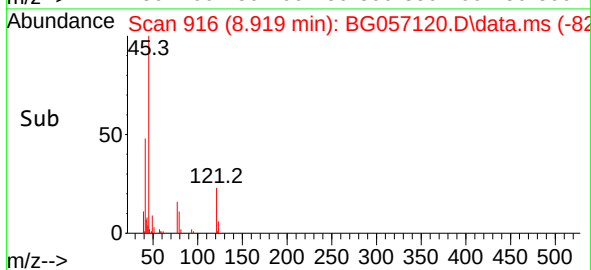
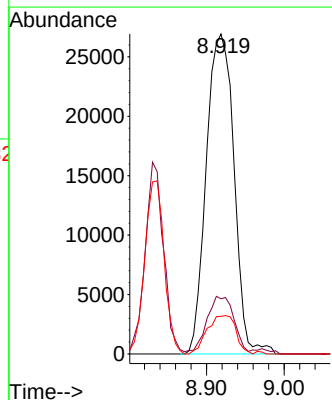
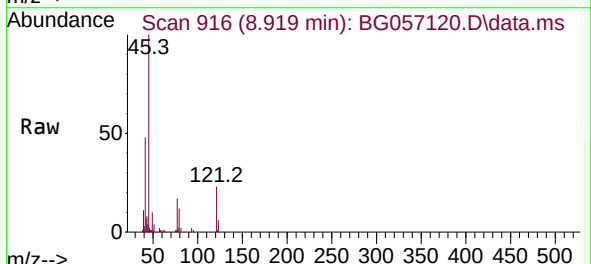
Manual Integrations
APPROVED

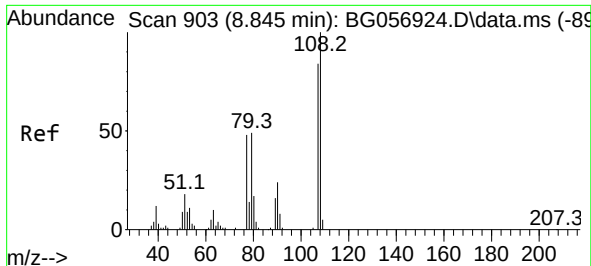
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.464 ng
RT: 8.919 min Scan# 916
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

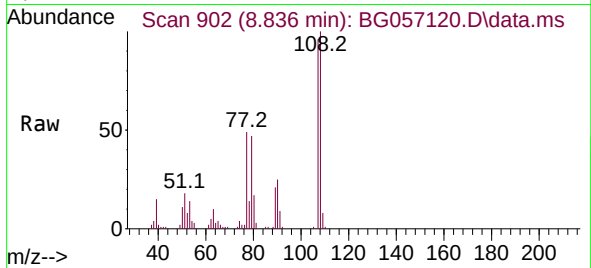
Tgt Ion: 45 Resp: 66990
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.7
79 11.8 0.0 35.1





#17
2-Methylphenol
Concen: 52.531 ng
RT: 8.836 min Scan# 903
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

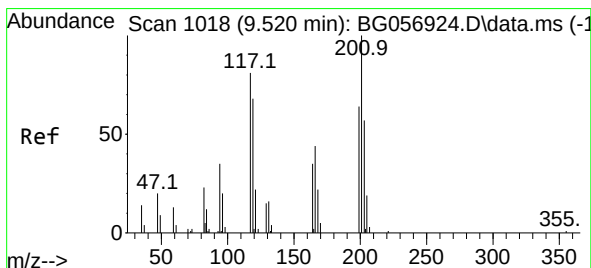
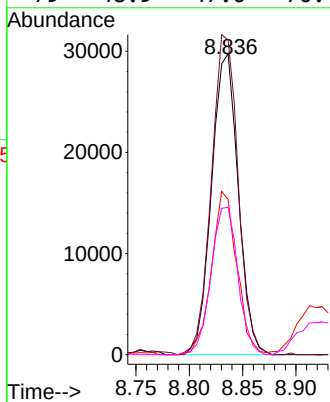
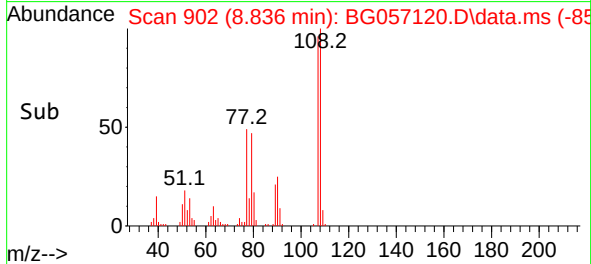
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



Tgt Ion:	107	Resp:	5179
Ion Ratio	Lower	Upper	
107	100		
108	104.5	96.0	144.0
77	51.5	45.6	68.4
79	48.9	47.0	70.4

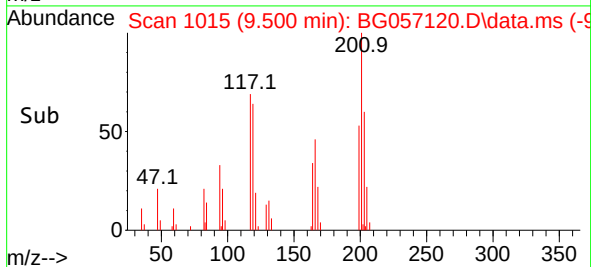
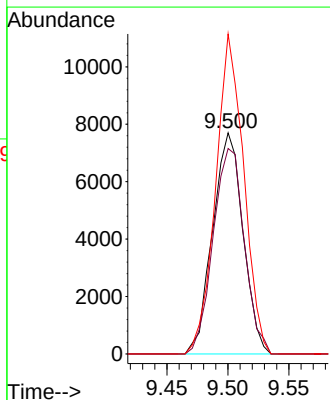
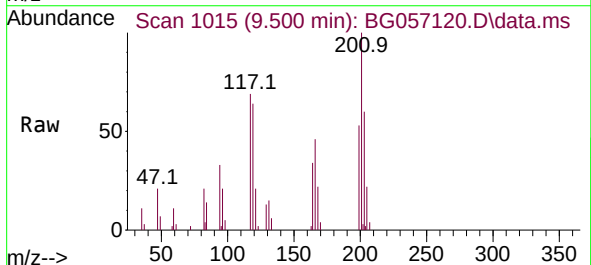
Manual Integrations
APPROVED

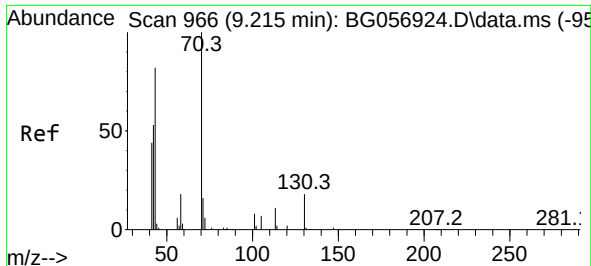
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#18
Hexachloroethane
Concen: 35.162 ng
RT: 9.500 min Scan# 1015
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

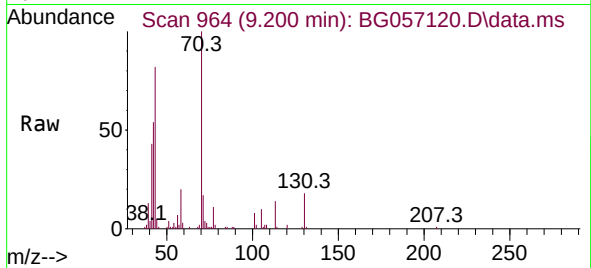
Tgt Ion:	117	Resp:	13313
Ion Ratio	Lower	Upper	
117	100		
119	92.9	67.0	100.6
201	144.7	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.731 ng
RT: 9.200 min Scan# 901
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

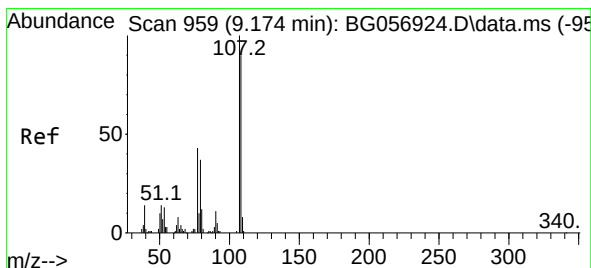
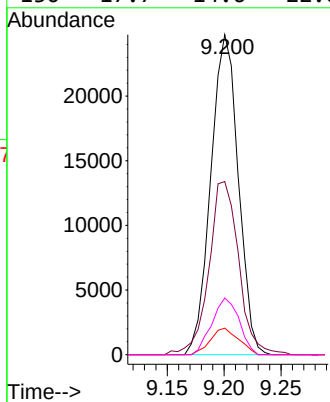
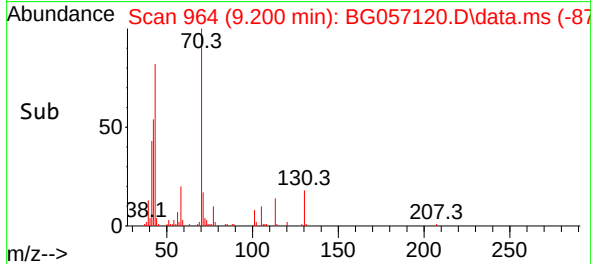
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



Tgt Ion: 70 Resp: 4163
Ion Ratio Lower Upper
70 100
42 54.1 43.4 65.0
101 8.3 6.2 9.2
130 17.7 14.6 22.0

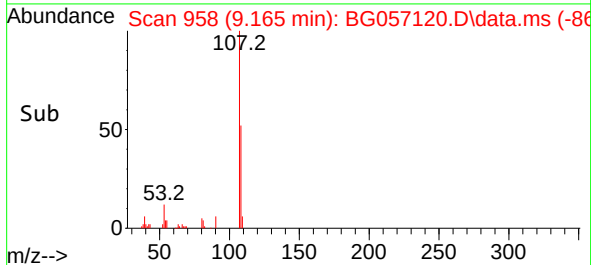
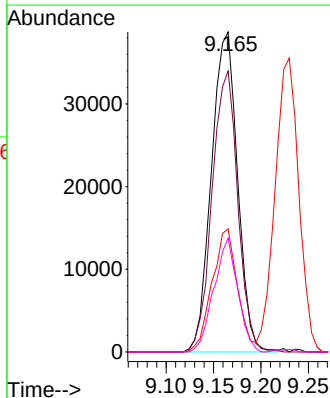
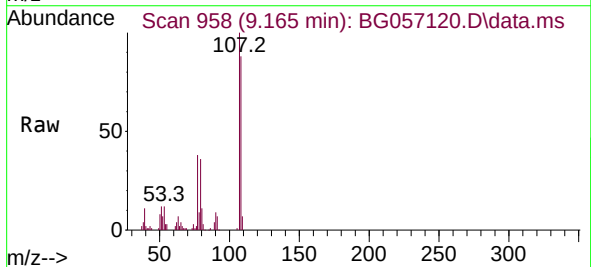
Manual Integrations
APPROVED

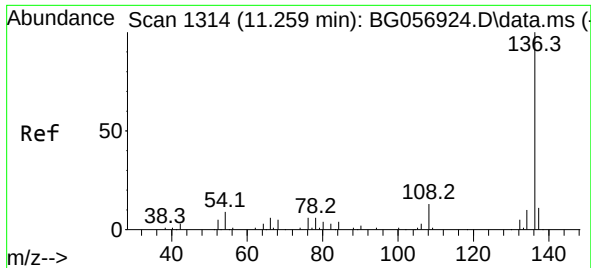
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#20
3+4-Methylphenols
Concen: 53.770 ng
RT: 9.165 min Scan# 958
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:107 Resp: 74135
Ion Ratio Lower Upper
107 100
108 87.8 69.9 109.9
77 38.5 22.7 62.7
79 35.5 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

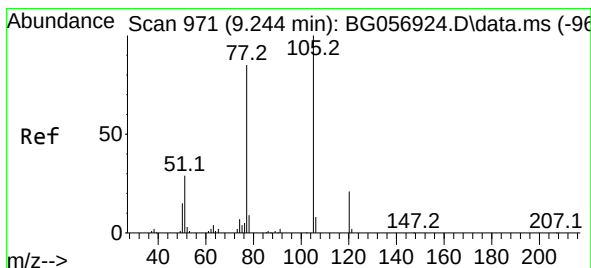
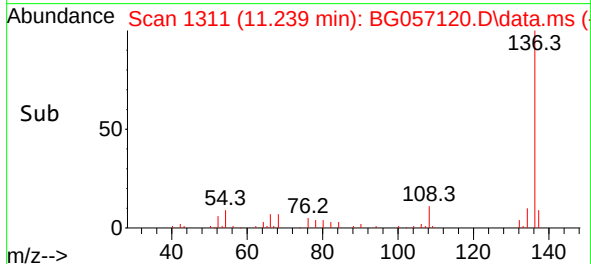
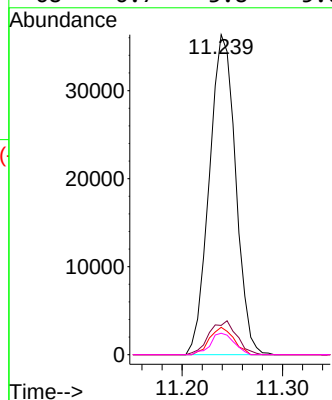
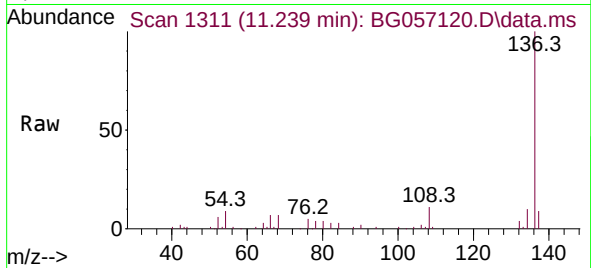
P2-S1-230413MSD

Tgt Ion:136 Resp: 66228
Ion Ratio Lower Upper
136 100
137 9.2 8.6 13.0
54 8.6 6.9 10.3
68 6.7 3.8 5.6#

Manual Integrations

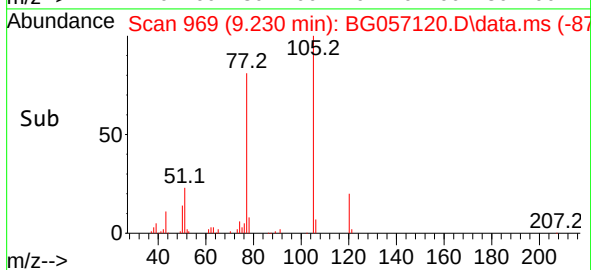
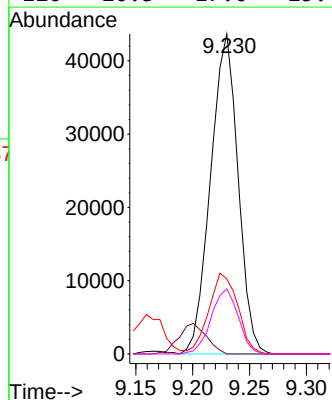
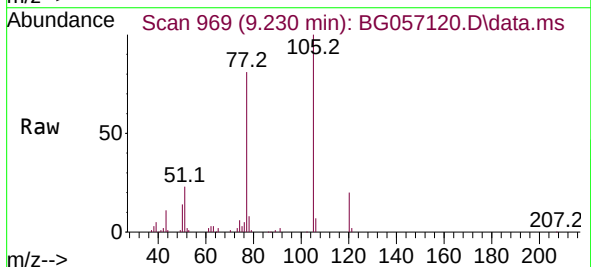
APPROVED

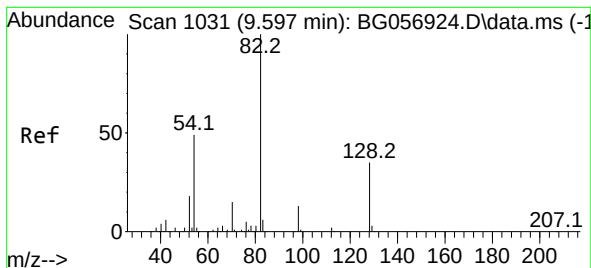
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#22
Acetophenone
Concen: 37.199 ng
RT: 9.230 min Scan# 969
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:105 Resp: 73308
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 23.5 23.8 35.8#
120 20.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 42.197 ng

RT: 9.576 min Scan# 1028

Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

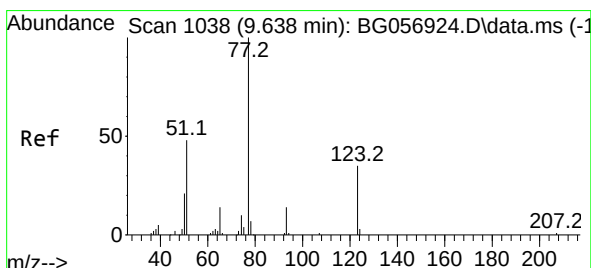
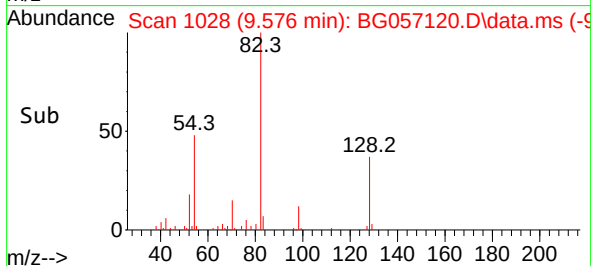
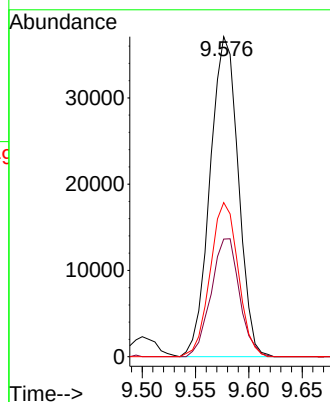
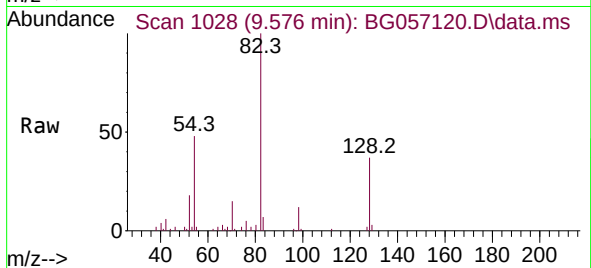
P2-S1-230413MSD

Tgt Ion: 82	Resp: 68298
Ion Ratio	Lower Upper
82 100	
128 36.8	27.9 41.9
54 48.2	39.4 59.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#24

Nitrobenzene

Concen: 29.461 ng

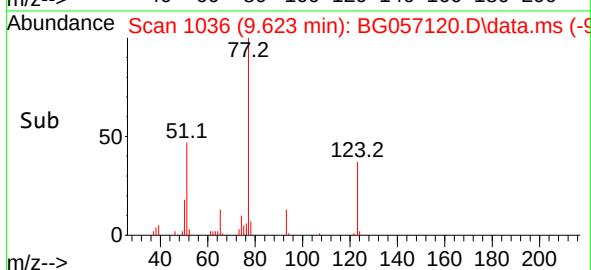
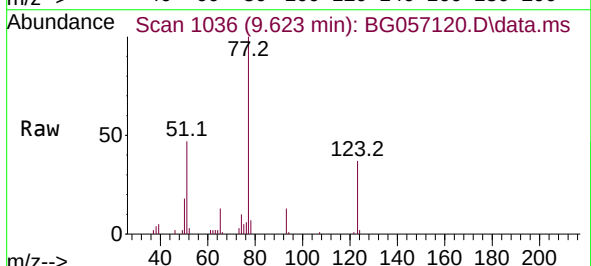
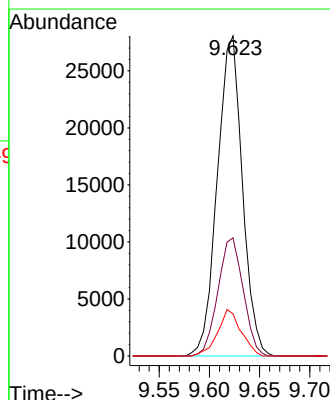
RT: 9.623 min Scan# 1036

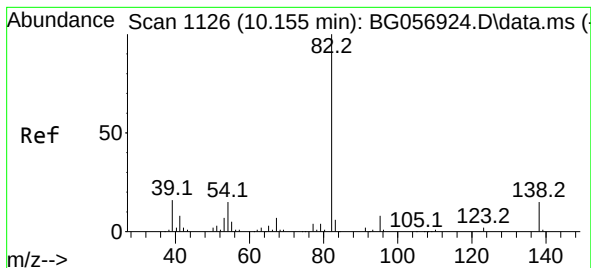
Delta R.T. -0.004 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Tgt Ion: 77	Resp: 48753
Ion Ratio	Lower Upper
77 100	
123 36.9	27.6 41.4
65 13.2	11.5 17.3





#25

Isophorone

Concen: 32.071 ng

RT: 10.140 min Scan# 1124

Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

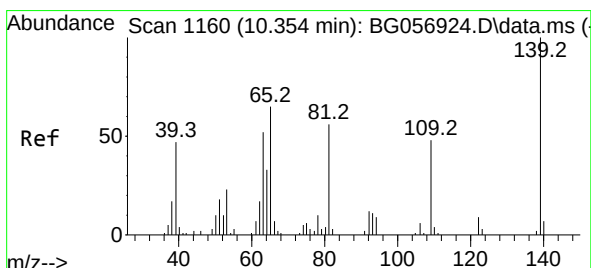
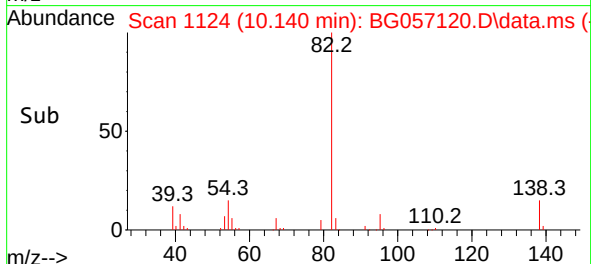
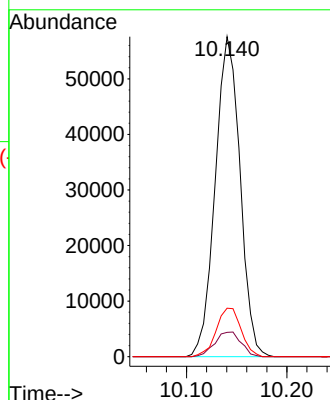
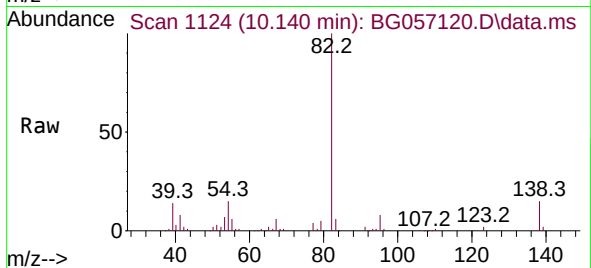
ClientSampleId :

P2-S1-230413MSD

Tgt Ion: 82 Resp: 98849
 Ion Ratio Lower Upper
 82 100
 95 7.6 6.3 9.5
 138 15.2 11.8 17.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023



#26

2-Nitrophenol

Concen: 47.629 ng

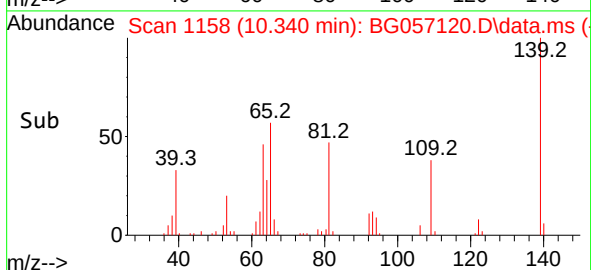
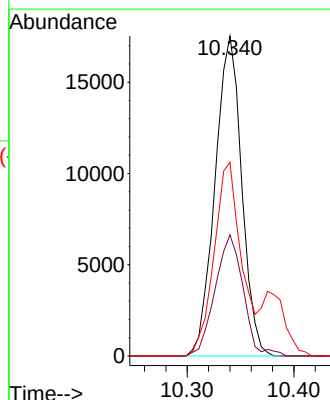
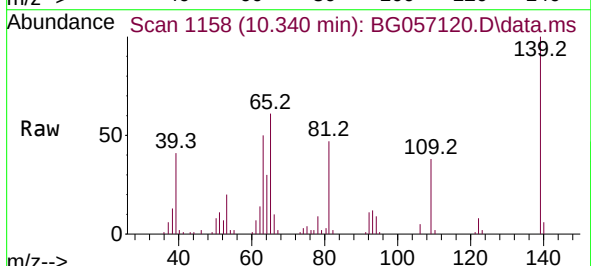
RT: 10.340 min Scan# 1158

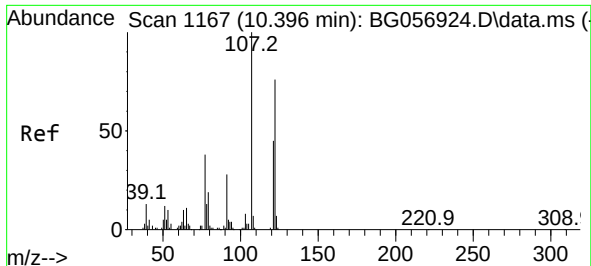
Delta R.T. -0.004 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Tgt Ion:139 Resp: 30422
 Ion Ratio Lower Upper
 139 100
 109 37.9 38.2 57.4#
 65 60.5 51.8 77.8





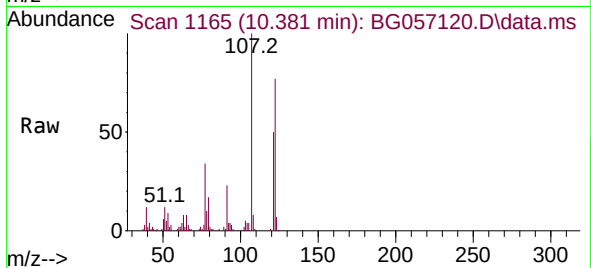
#27
2,4-Dimethylphenol
Concen: 49.429 ng
RT: 10.381 min Scan# 1165
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

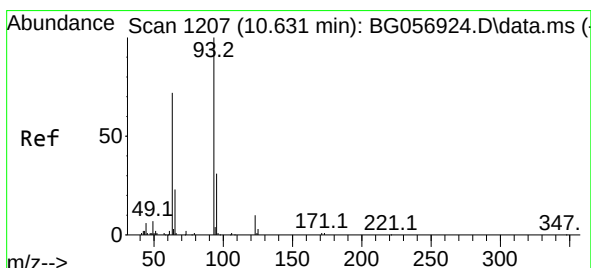
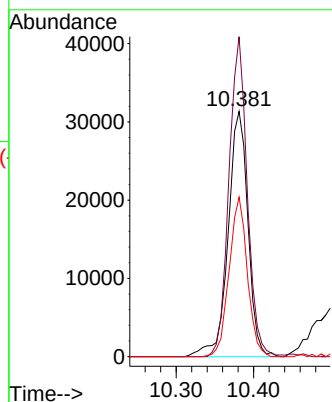
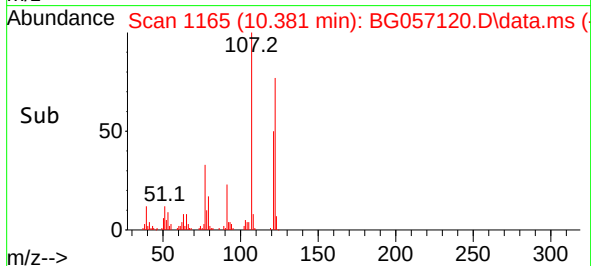


Tgt Ion:122 Resp: 55744
Ion Ratio Lower Upper
122 100
107 130.4 105.7 158.5
121 65.0 48.0 72.0

Manual Integrations

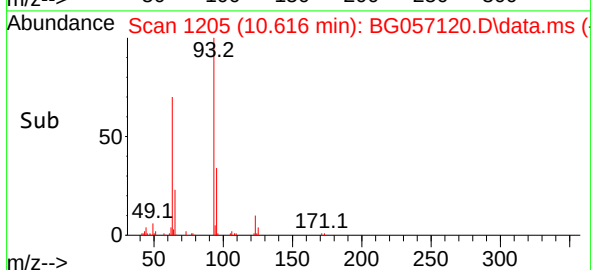
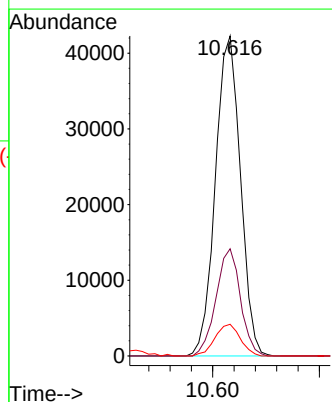
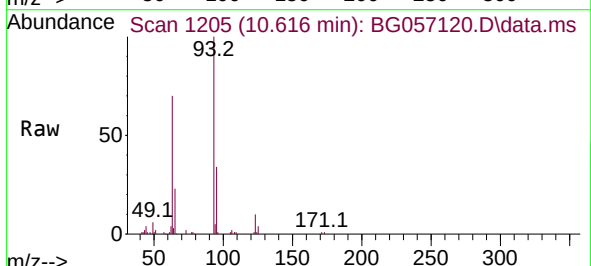
APPROVED

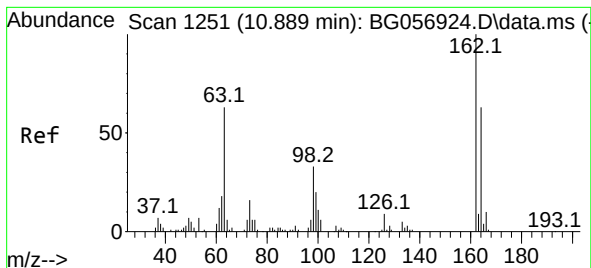
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.588 ng
RT: 10.616 min Scan# 1205
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion: 93 Resp: 68802
Ion Ratio Lower Upper
93 100
95 33.5 24.6 37.0
123 9.9 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 46.004 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

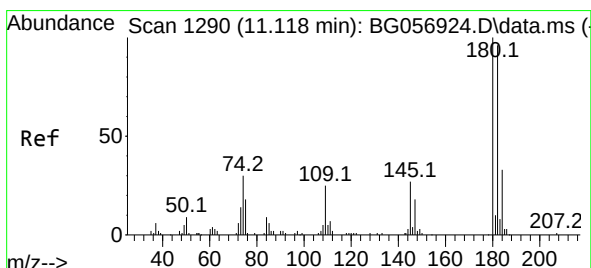
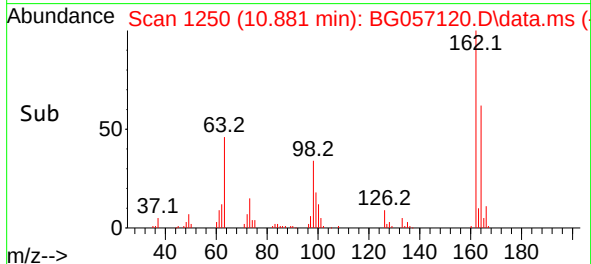
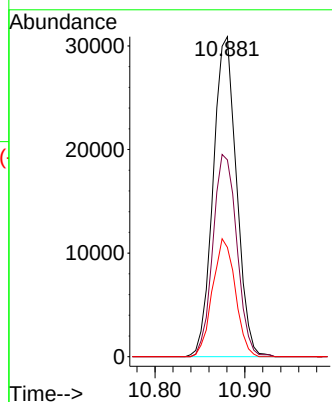
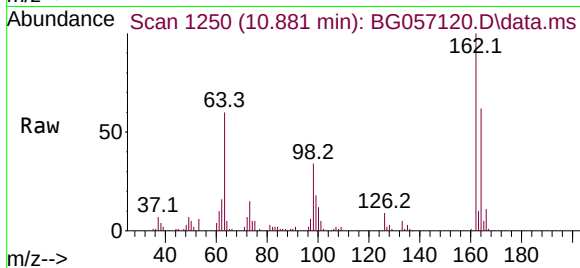
P2-S1-230413MSD

Tgt Ion:162 Resp: 55790
Ion Ratio Lower Upper
162 100
164 61.5 43.4 83.4
98 34.2 12.5 52.5

Manual Integrations

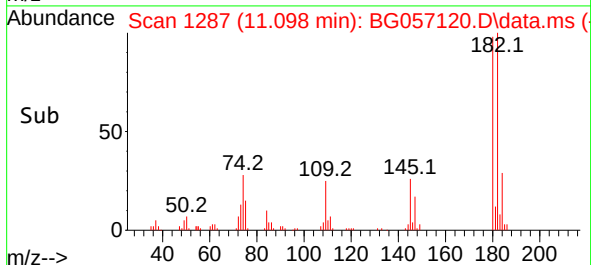
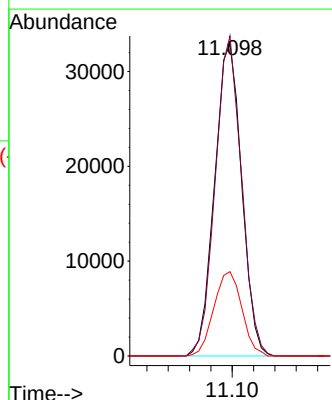
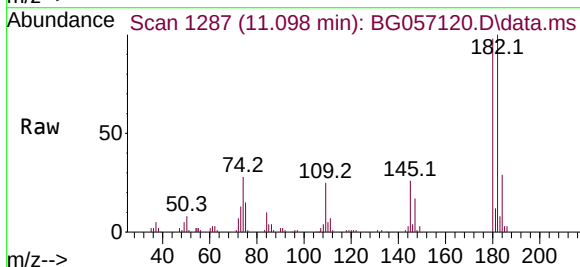
APPROVED

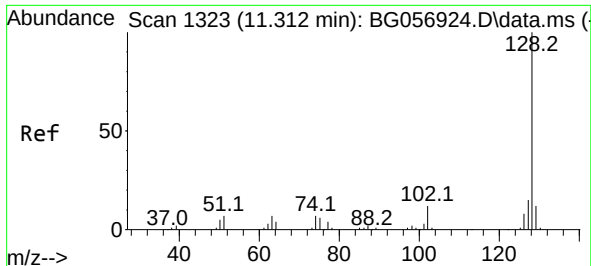
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.900 ng
RT: 11.098 min Scan# 1287
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

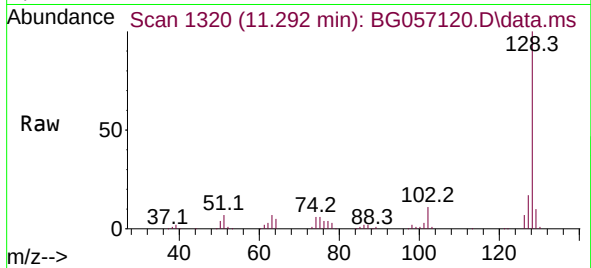
Tgt Ion:180 Resp: 57862
Ion Ratio Lower Upper
180 100
182 102.5 77.1 115.7
145 27.0 21.3 31.9





#31
Naphthalene
Concen: 45.434 ng
RT: 11.292 min Scan# 1190
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

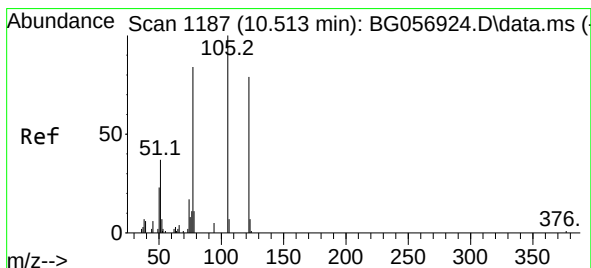
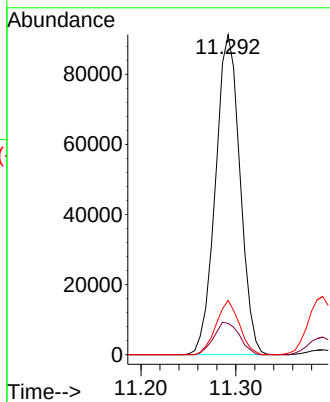
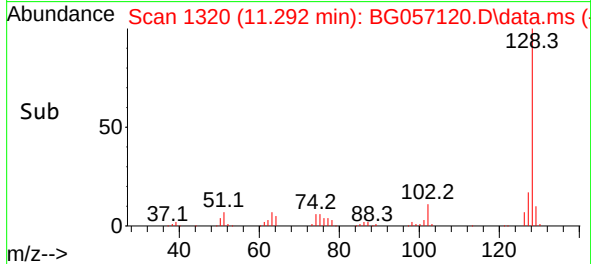
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



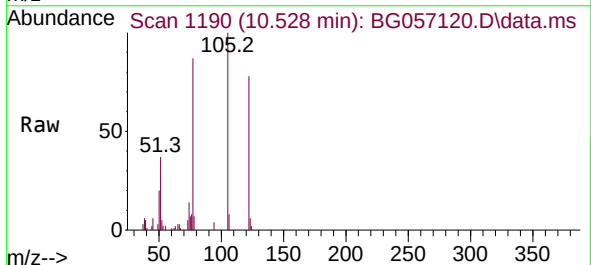
Tgt Ion:128 Resp: 164010
Ion Ratio Lower Upper
128 100
129 9.8 9.4 14.2
127 16.9 12.2 18.4

Manual Integrations
APPROVED

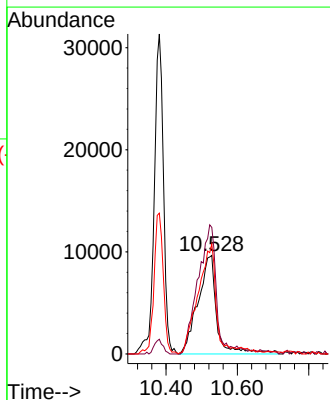
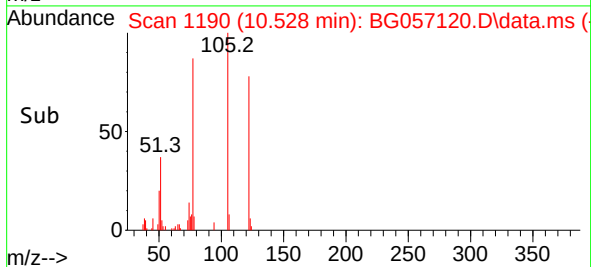
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

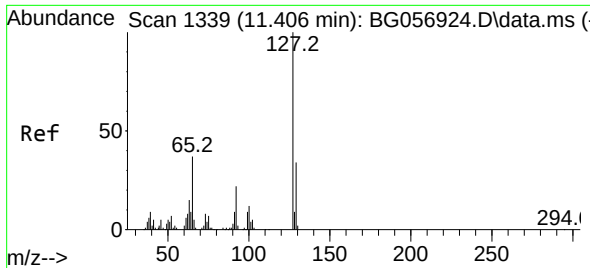


#32
Benzoic acid
Concen: 45.635 ng m
RT: 10.528 min Scan# 1190
Delta R.T. 0.020 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:122 Resp: 35352
Ion Ratio Lower Upper
122 100
105 128.5 105.4 145.4
77 111.8 87.4 127.4





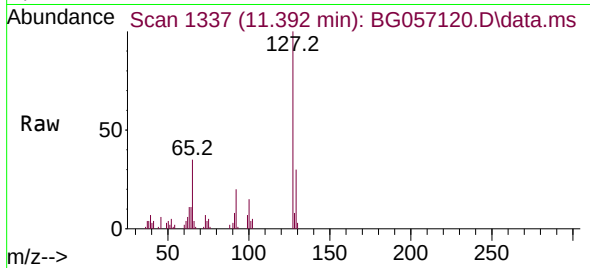
#33
4-Chloroaniline
Concen: 20.957 ng
RT: 11.392 min Scan# 1136
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

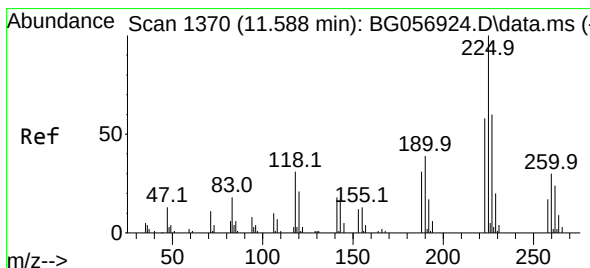
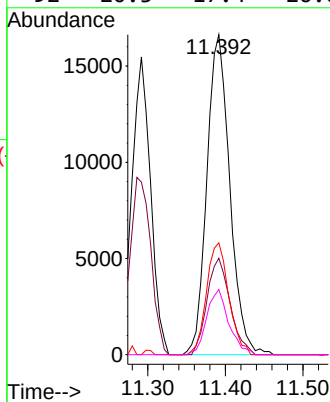
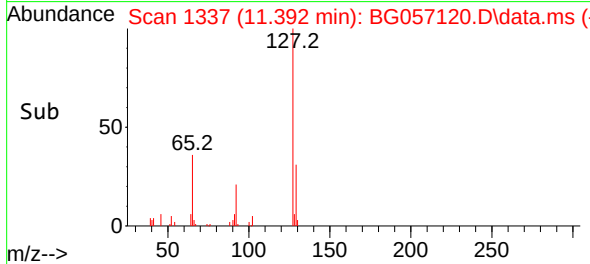


Tgt Ion:127 Resp: 3416
Ion Ratio Lower Upper
127 100
129 30.1 27.6 41.4
65 35.0 29.8 44.8
92 20.3 17.4 26.0

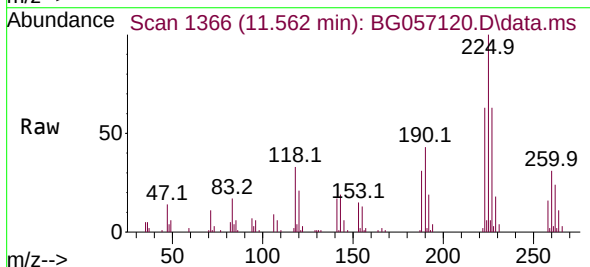
Manual Integrations

APPROVED

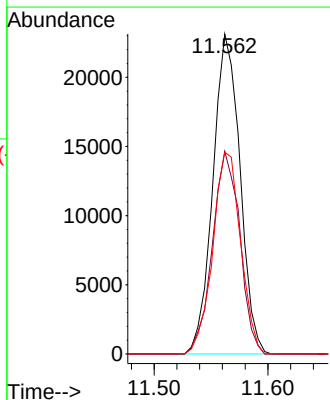
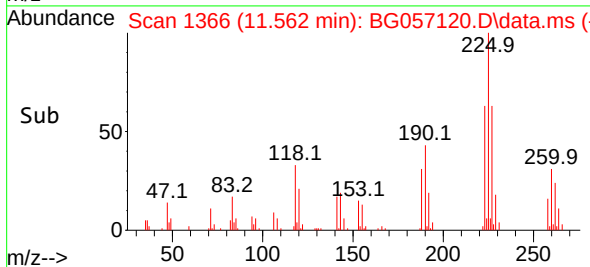
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

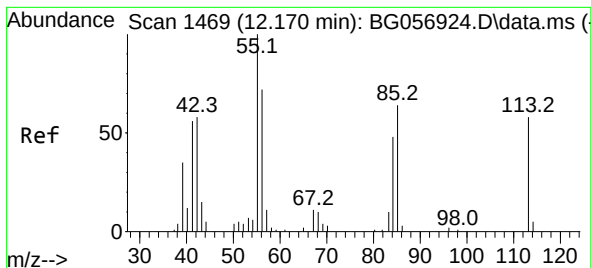


#34
Hexachlorobutadiene
Concen: 39.493 ng
RT: 11.562 min Scan# 1366
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



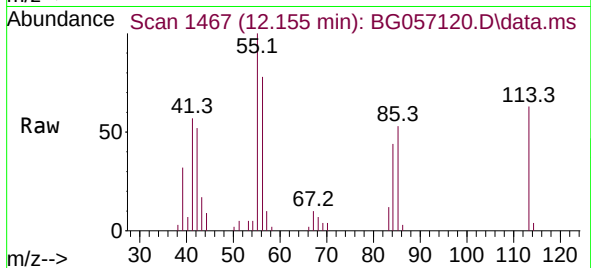
Tgt Ion:225 Resp: 38230
Ion Ratio Lower Upper
225 100
223 63.4 46.4 69.6
227 63.0 48.0 72.0





#35
Caprolactam
Concen: 45.215 ng m
RT: 12.155 min Scan# 1467
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

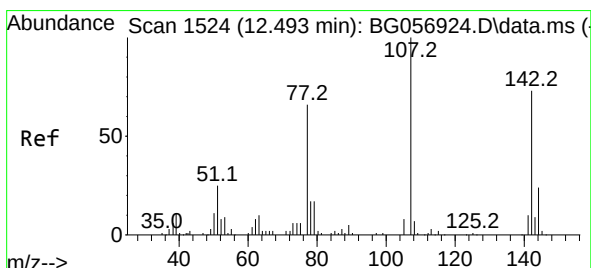
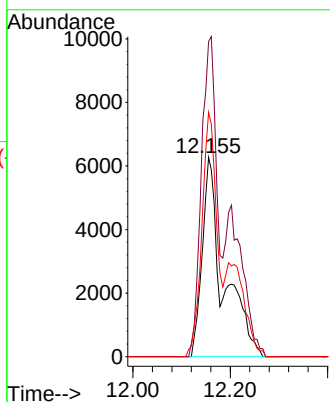
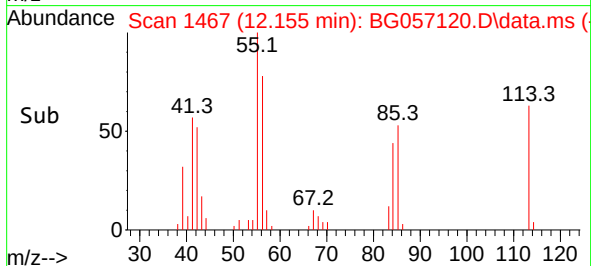
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



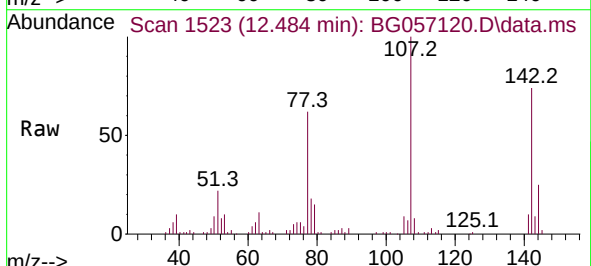
Tgt Ion:113 Resp: 1891
Ion Ratio Lower Upper
113 100
55 158.2 151.6 191.6
56 122.7 103.7 143.7

Manual Integrations
APPROVED

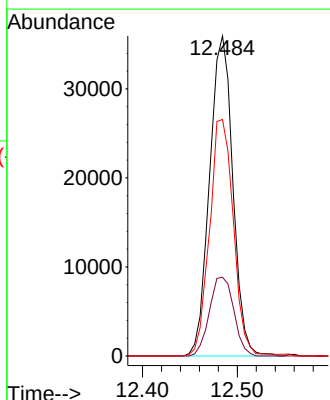
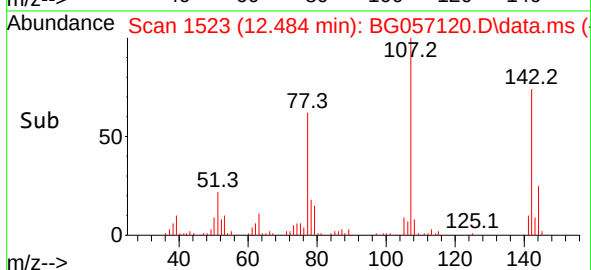
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

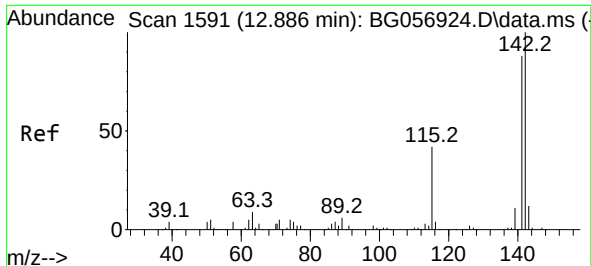


#36
4-Chloro-3-methylphenol
Concen: 45.141 ng
RT: 12.484 min Scan# 1523
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:107 Resp: 61227
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.4
142 73.9 58.6 88.0





#37

2-Methylnaphthalene

Concen: 41.815 ng

RT: 12.866 min Scan# 11980

Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

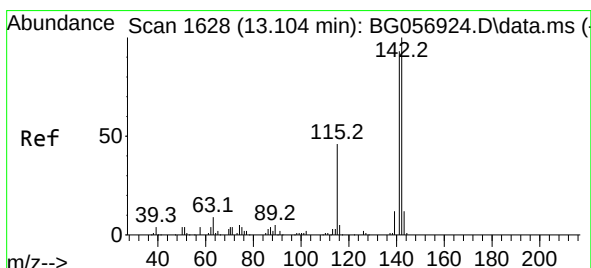
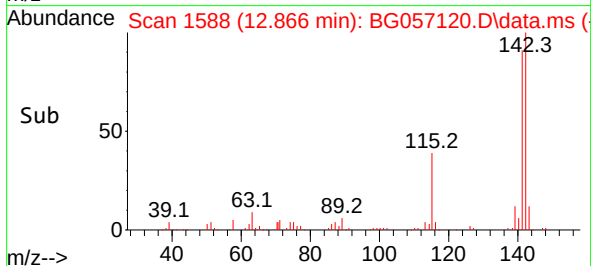
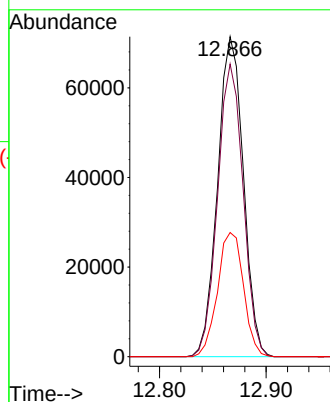
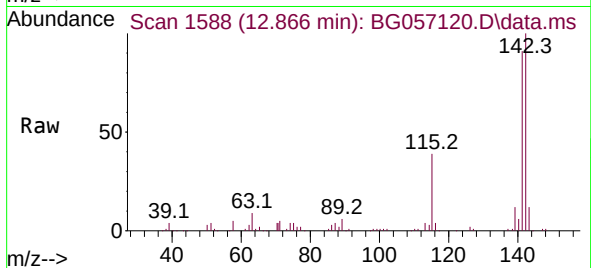
P2-S1-230413MSD

Tgt Ion:	142	Resp:	11980
Ion Ratio	Lower	Upper	
142	100		
141	91.5	70.3	105.5
115	38.8	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#38

1-Methylnaphthalene

Concen: 42.131 ng

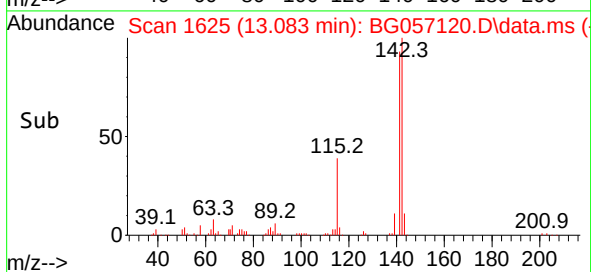
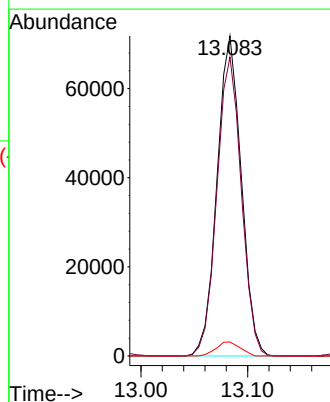
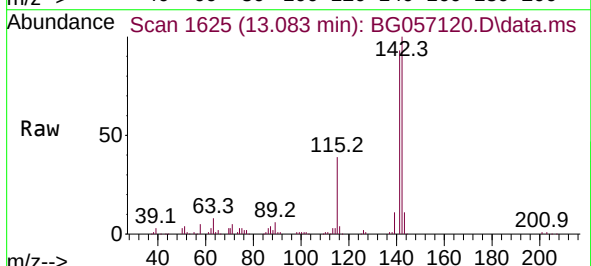
RT: 13.083 min Scan# 1625

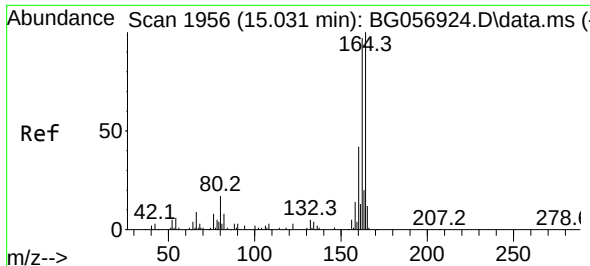
Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

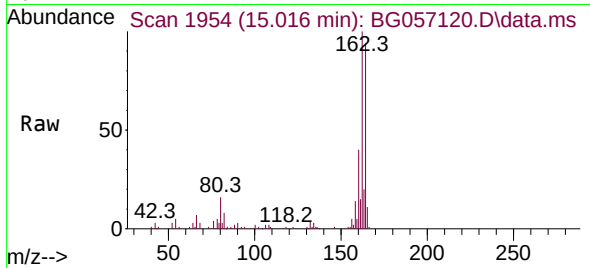
Tgt Ion:	142	Resp:	113344
Ion Ratio	Lower	Upper	
142	100		
141	93.4	74.0	111.0
116	4.3	3.7	5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

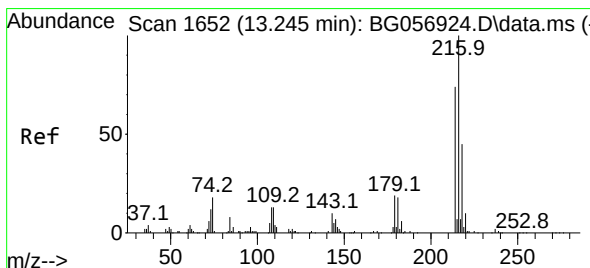
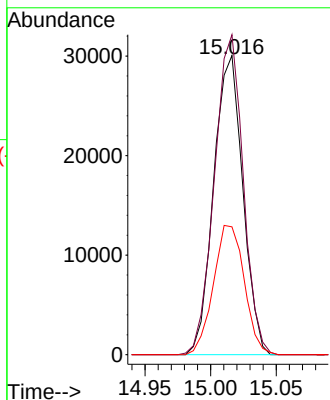
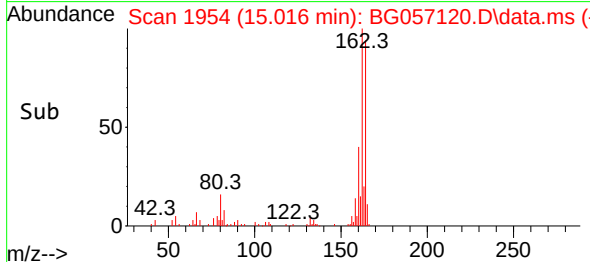
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



Tgt Ion:164 Resp: 46379
Ion Ratio Lower Upper
164 100
162 106.9 77.8 116.8
160 42.7 33.5 50.3

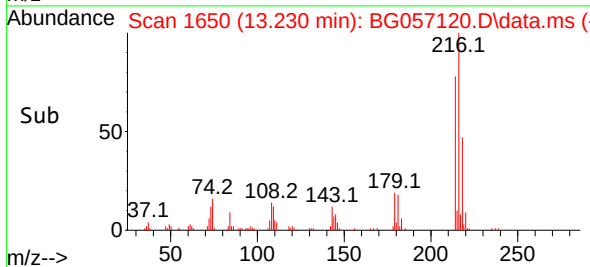
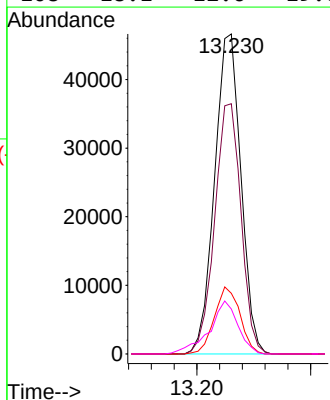
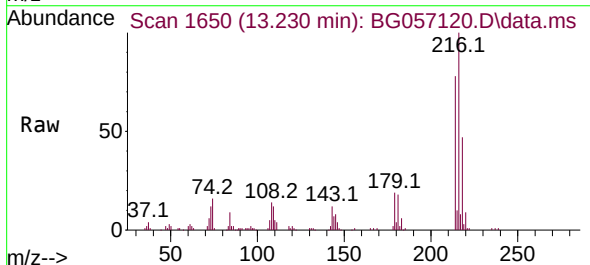
Manual Integrations
APPROVED

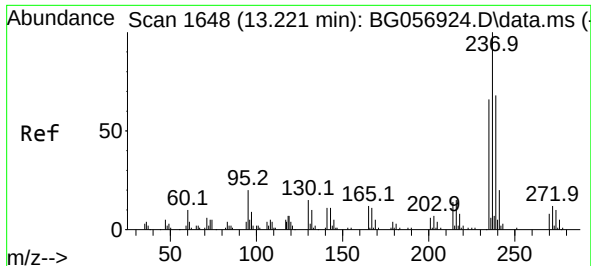
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.604 ng
RT: 13.230 min Scan# 1650
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

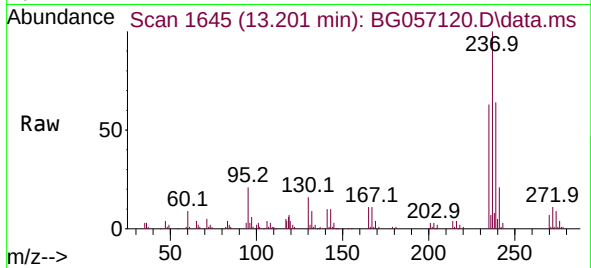
Tgt Ion:216 Resp: 74947
Ion Ratio Lower Upper
216 100
214 78.1 63.3 94.9
179 20.3 15.0 22.6
108 18.1 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 94.854 ng
RT: 13.201 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

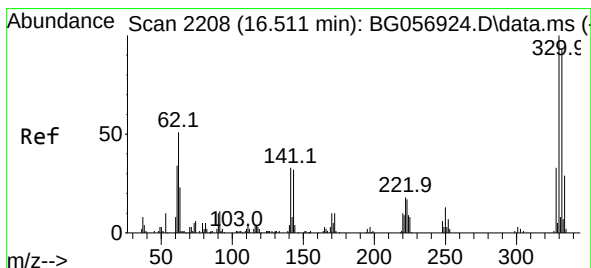
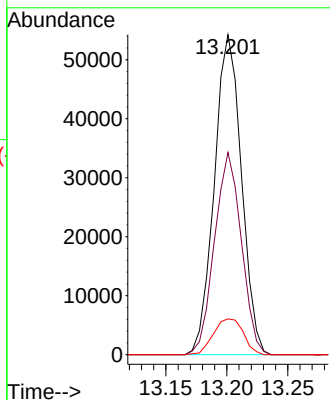
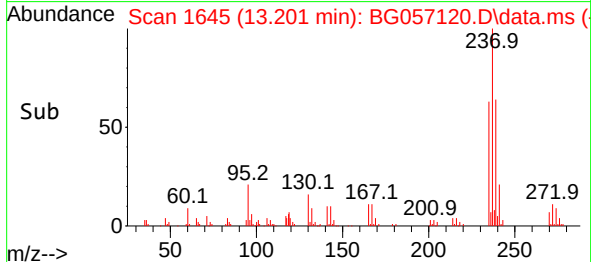
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



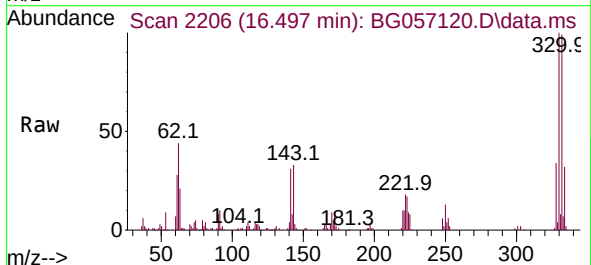
Tgt Ion:237 Resp: 8404
Ion Ratio Lower Upper
237 100
235 63.2 45.9 85.9
272 11.2 0.0 32.3

Manual Integrations
APPROVED

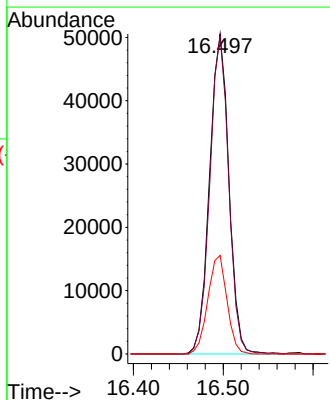
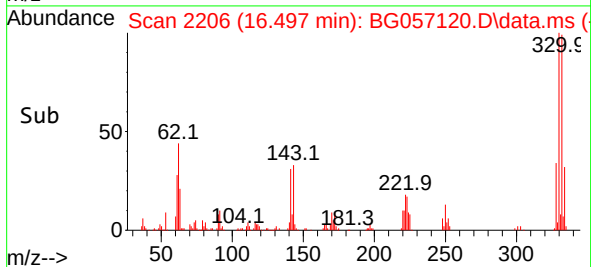
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

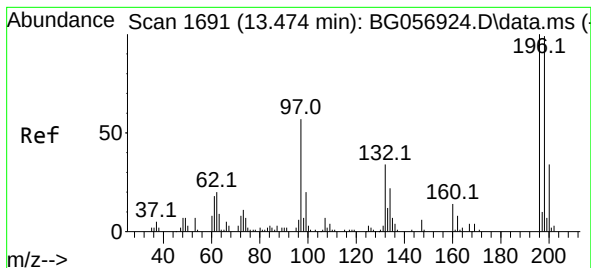


#42
2,4,6-Tribromophenol
Concen: 101.946 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



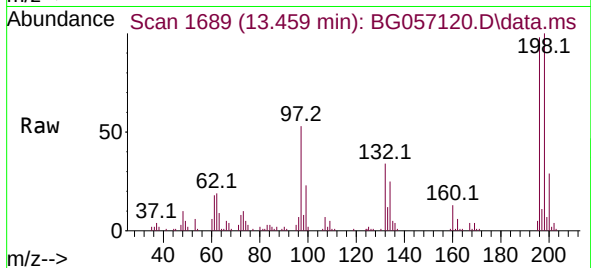
Tgt Ion:330 Resp: 75527
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 30.4 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 47.857 ng
RT: 13.459 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

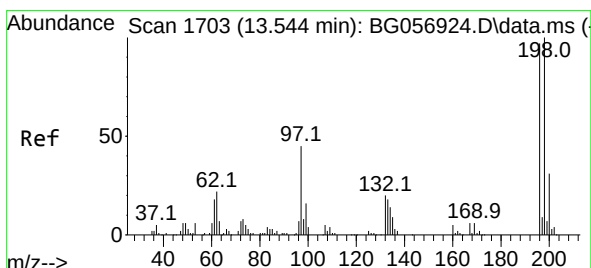
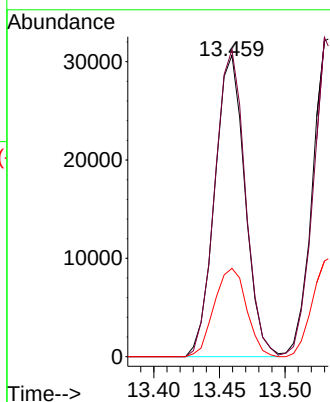
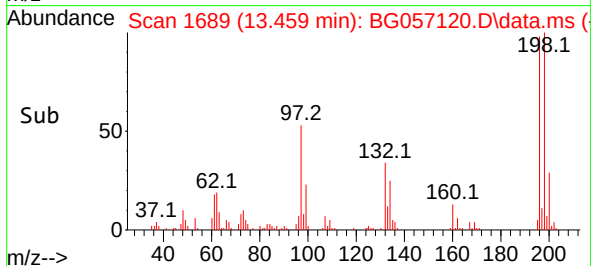
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



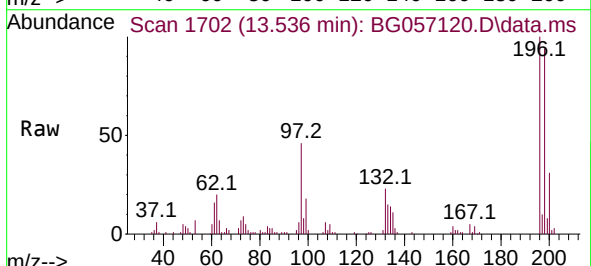
Tgt Ion:196 Resp: 4911
Ion Ratio Lower Upper
196 100
198 101.9 79.1 118.7
200 29.3 27.2 40.8

Manual Integrations
APPROVED

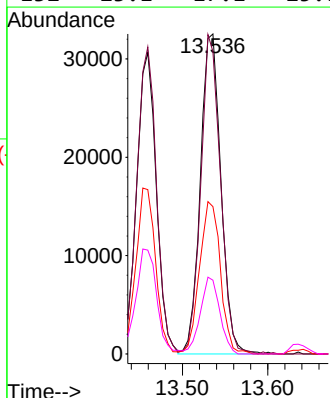
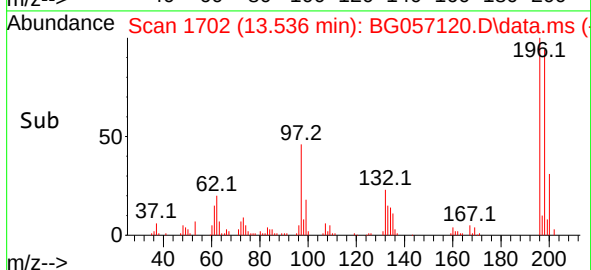
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

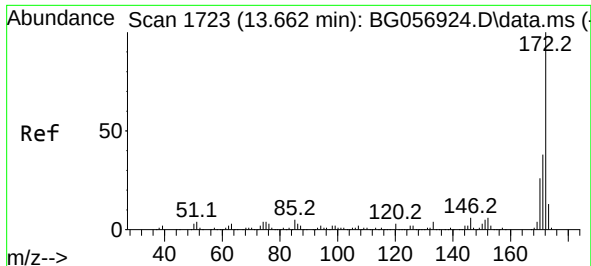


#44
2,4,5-Trichlorophenol
Concen: 44.844 ng
RT: 13.536 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:196 Resp: 54518
Ion Ratio Lower Upper
196 100
198 94.5 82.5 123.7
97 46.0 37.0 55.6
132 23.1 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 59.438 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

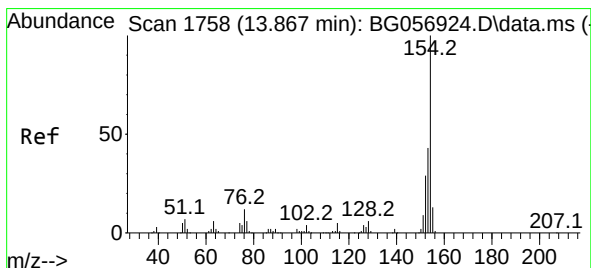
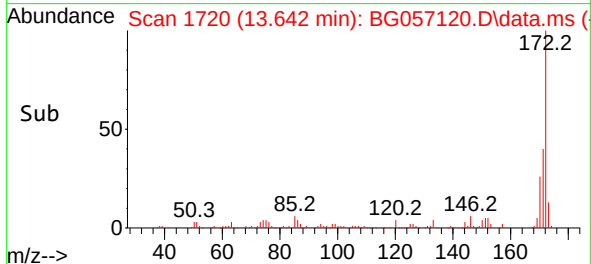
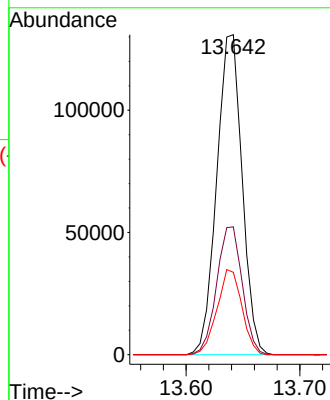
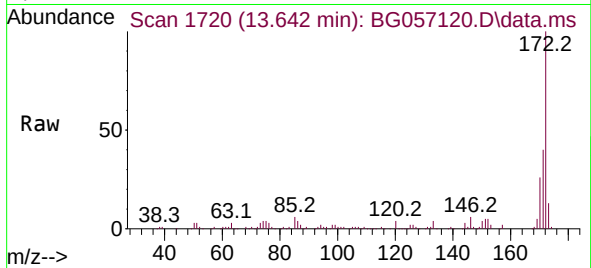
P2-S1-230413MSD

Tgt Ion:172 Resp: 20327
Ion Ratio Lower Upper
172 100
171 40.0 30.6 46.0
170 25.7 20.6 30.8

Manual Integrations

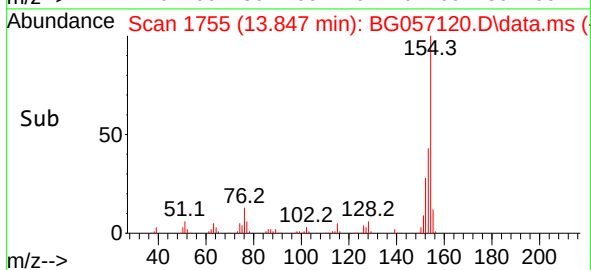
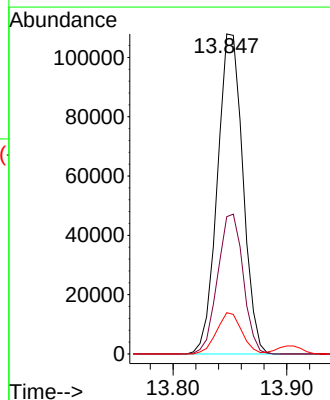
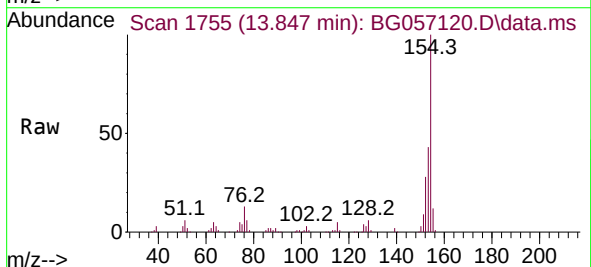
APPROVED

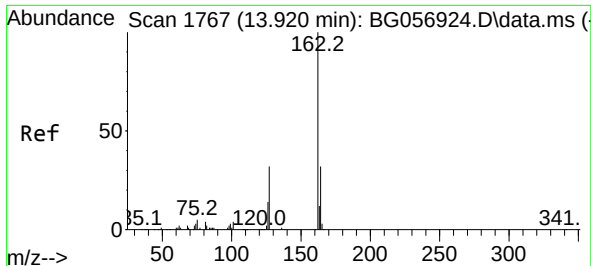
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#46
1,1'-Biphenyl
Concen: 49.531 ng
RT: 13.847 min Scan# 1755
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:154 Resp: 168147
Ion Ratio Lower Upper
154 100
153 42.9 23.4 63.4
76 12.9 0.0 31.6





#47
2-Chloronaphthalene
Concen: 51.004 ng
RT: 13.900 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

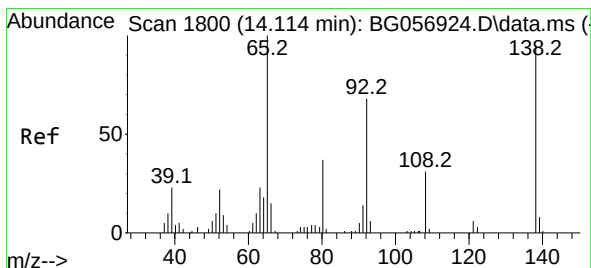
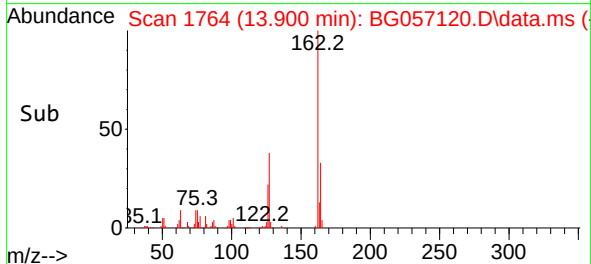
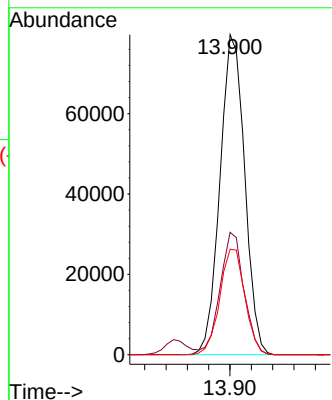
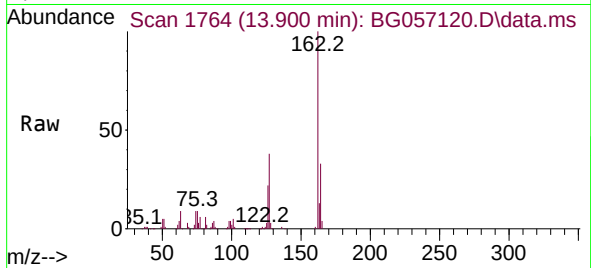
P2-S1-230413MSD

Tgt Ion:162 Resp: 128058
Ion Ratio Lower Upper
162 100
127 38.2 29.5 44.3
164 32.9 25.5 38.3

Manual Integrations

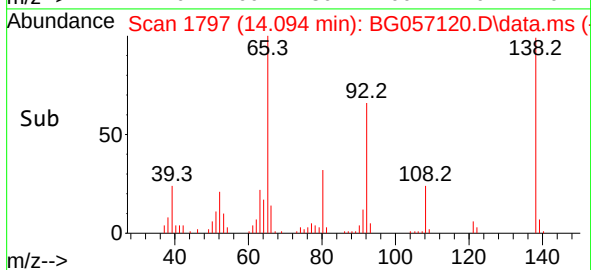
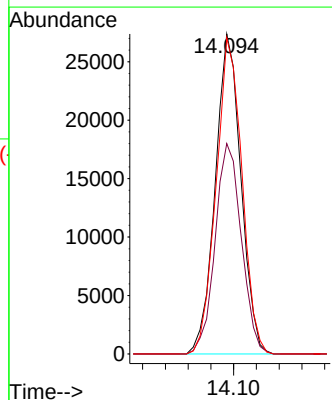
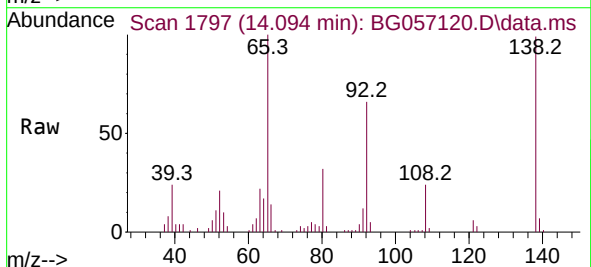
APPROVED

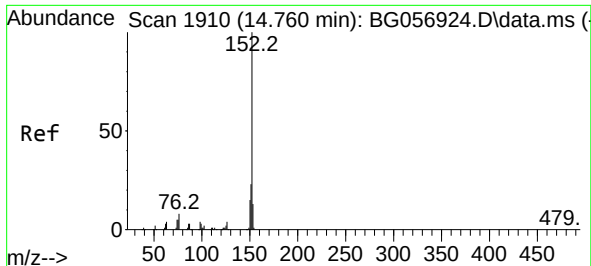
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#48
2-Nitroaniline
Concen: 47.769 ng
RT: 14.094 min Scan# 1797
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

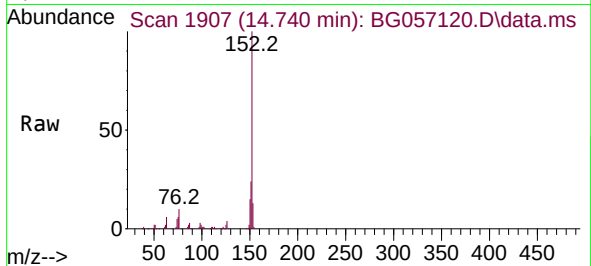
Tgt Ion: 65 Resp: 42886
Ion Ratio Lower Upper
65 100
92 65.8 54.3 81.5
138 98.9 76.0 114.0





#49
Acenaphthylene
Concen: 48.705 ng
RT: 14.740 min Scan# 1910
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

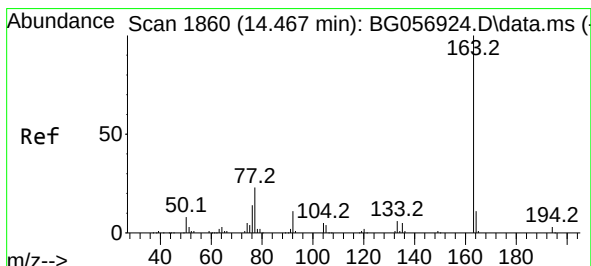
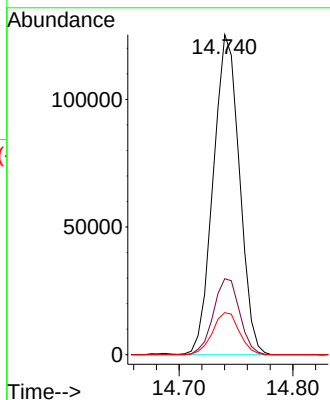
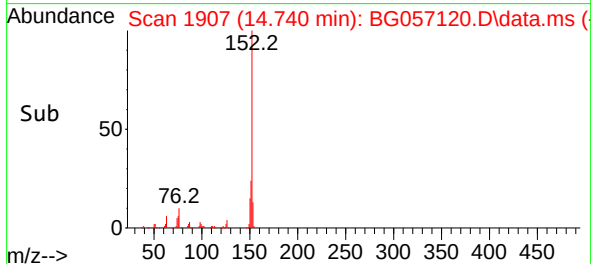
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



Tgt Ion:152 Resp: 200920
Ion Ratio Lower Upper
152 100
151 23.8 18.2 27.2
153 13.1 10.5 15.7

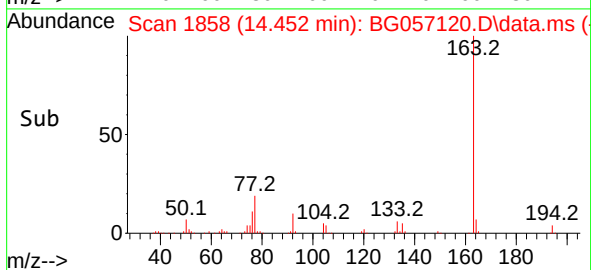
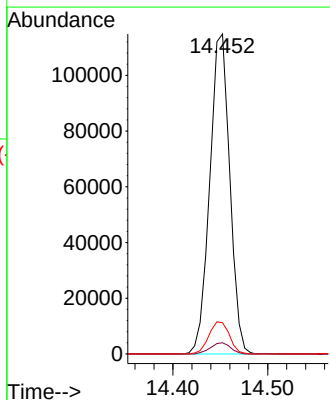
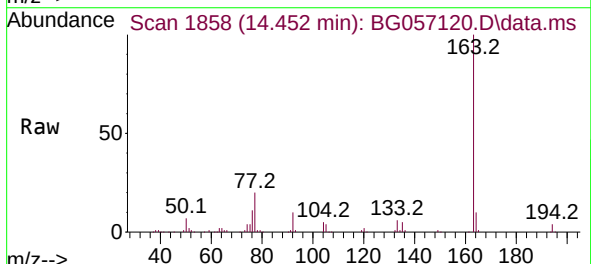
Manual Integrations
APPROVED

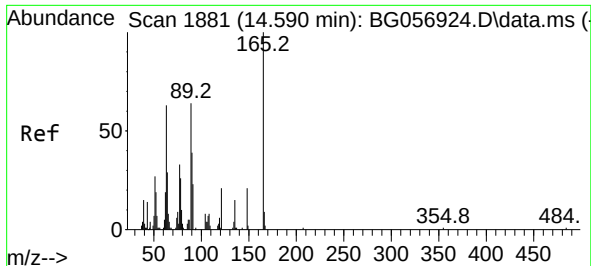
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#50
Dimethylphthalate
Concen: 46.022 ng
RT: 14.452 min Scan# 1858
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:163 Resp: 168167
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.8 8.8 13.2





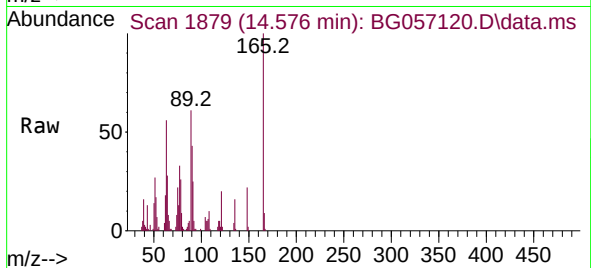
#51
2,6-Dinitrotoluene
Concen: 46.459 ng
RT: 14.576 min Scan# 1881
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

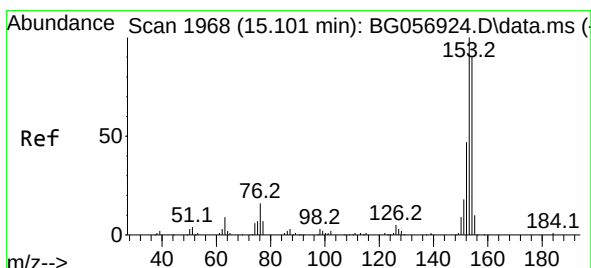
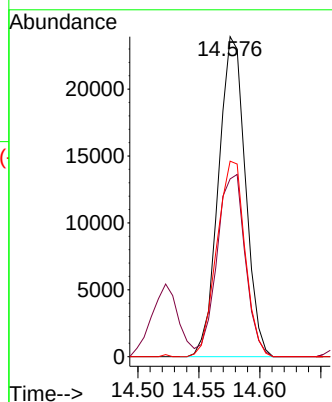
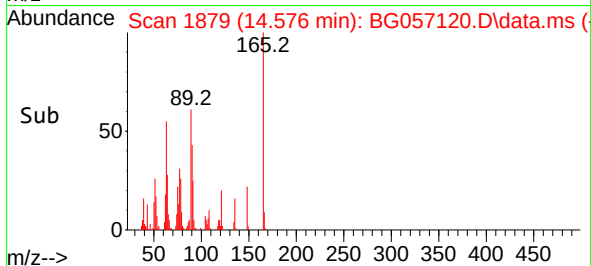


Tgt Ion:165 Resp: 36679
Ion Ratio Lower Upper
165 100
63 55.5 53.0 79.6
89 61.1 51.0 76.4

Manual Integrations

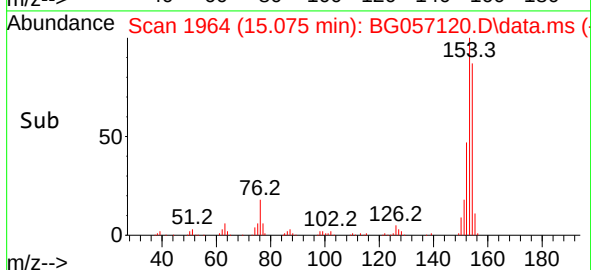
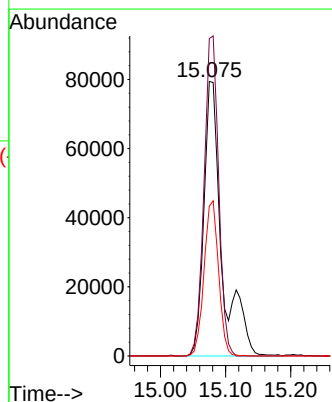
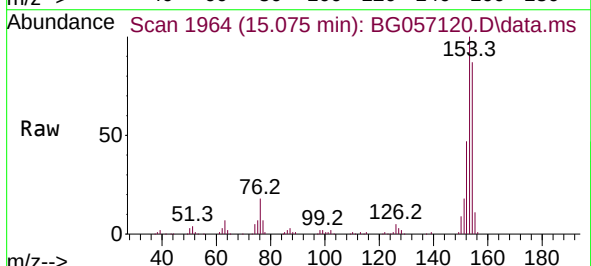
APPROVED

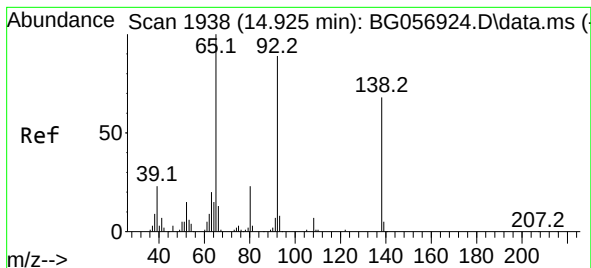
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#52
Acenaphthene
Concen: 54.009 ng m
RT: 15.075 min Scan# 1964
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

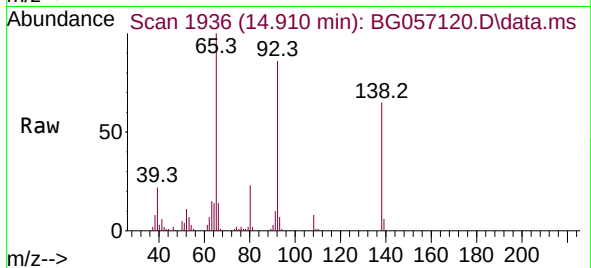
Tgt Ion:154 Resp: 153659
Ion Ratio Lower Upper
154 100
153 115.6 88.9 133.3
152 54.6 41.8 62.8





#53
3-Nitroaniline
Concen: 30.747 ng
RT: 14.910 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

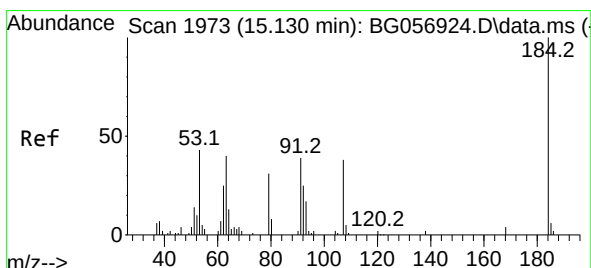
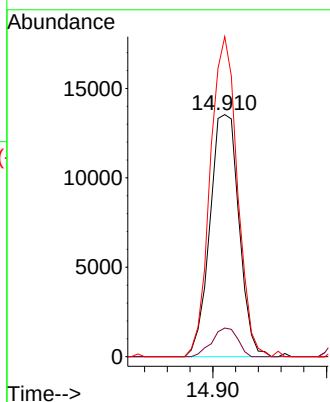
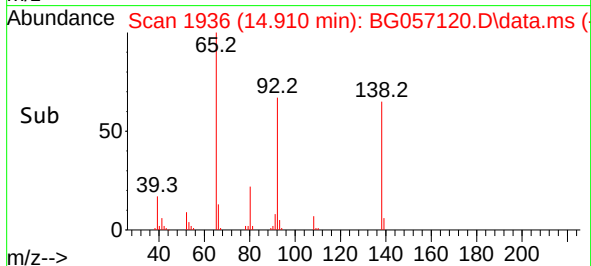
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



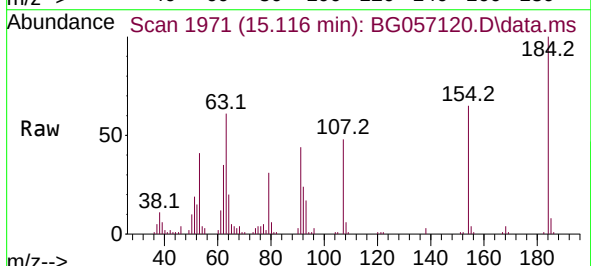
Tgt Ion:138 Resp: 2402
Ion Ratio Lower Upper
138 100
108 11.8 8.2 12.2
92 132.2 105.2 157.8

Manual Integrations
APPROVED

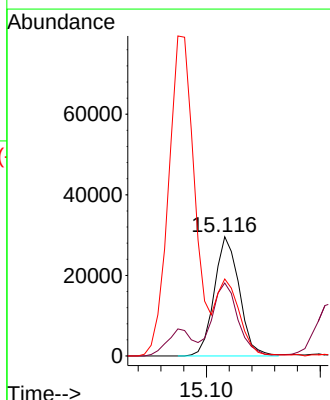
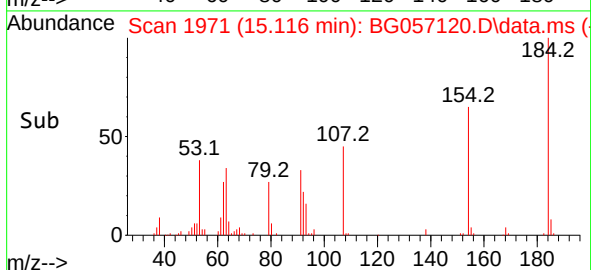
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

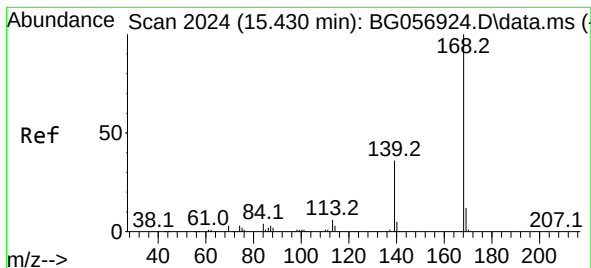


#54
2,4-Dinitrophenol
Concen: 101.691 ng
RT: 15.116 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:184 Resp: 45189
Ion Ratio Lower Upper
184 100
63 61.1 46.5 69.7
154 64.5 53.5 80.3





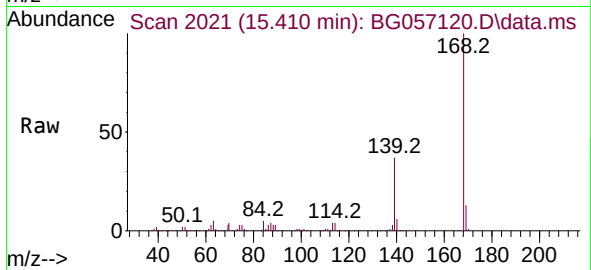
#55
Dibenzenofuran
Concen: 46.921 ng
RT: 15.410 min Scan# 2024
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

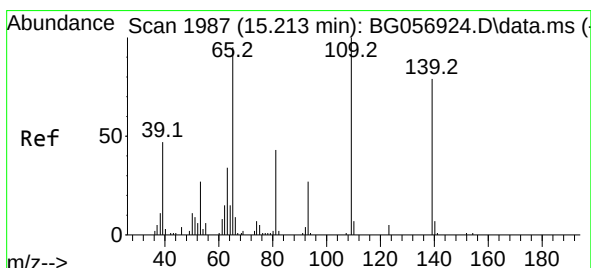
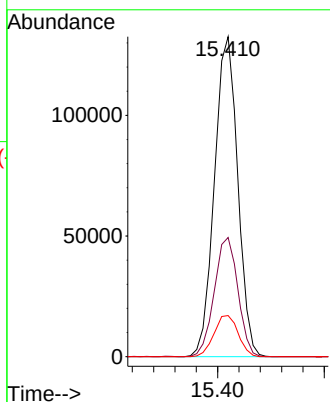
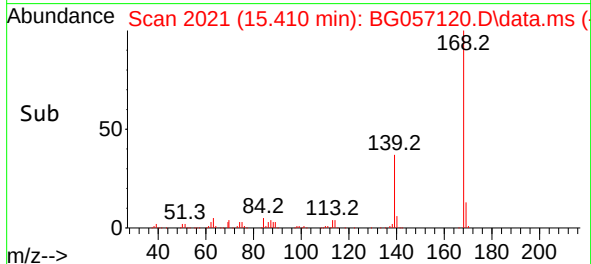


Tgt Ion:168 Resp: 200360
Ion Ratio Lower Upper
168 100
139 37.3 28.9 43.3
169 12.9 9.8 14.6

Manual Integrations

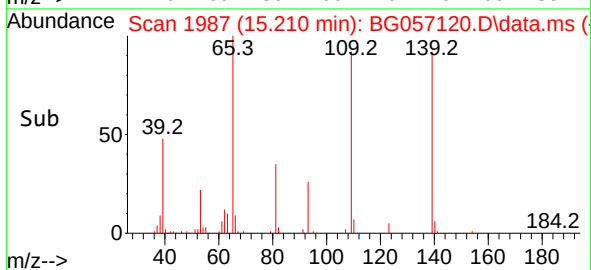
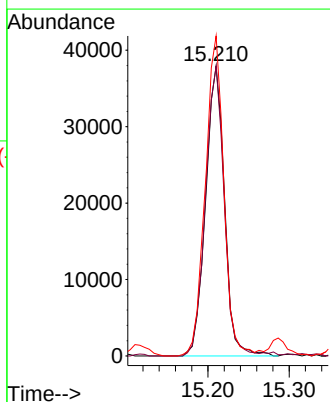
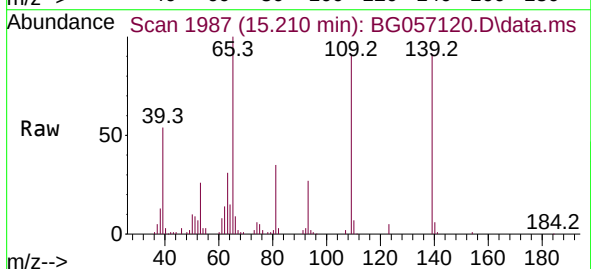
APPROVED

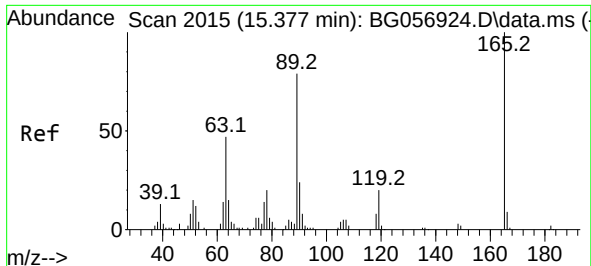
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#56
4-Nitrophenol
Concen: 106.118 ng
RT: 15.210 min Scan# 1987
Delta R.T. 0.002 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:139 Resp: 61321
Ion Ratio Lower Upper
139 100
109 100.1 106.7 146.7#
65 110.5 100.5 140.5





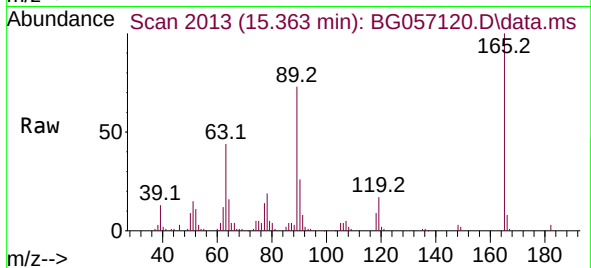
#57
2,4-Dinitrotoluene
Concen: 47.648 ng
RT: 15.363 min Scan# 2013
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

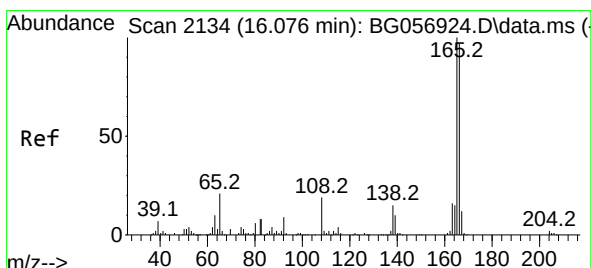
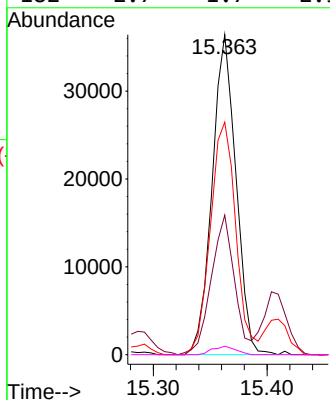
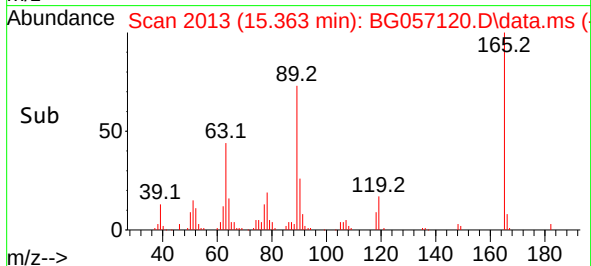


Tgt Ion:165 Resp: 5305
Ion Ratio Lower Upper
165 100
63 43.6 37.7 56.5
89 72.6 63.2 94.8
182 2.7 1.7 2.5#

Manual Integrations

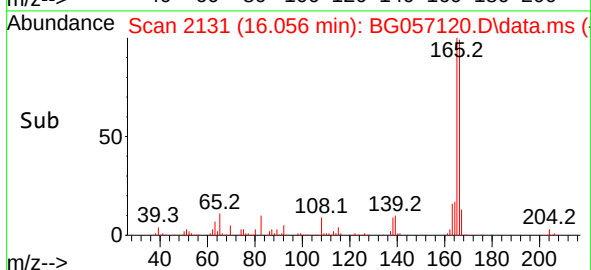
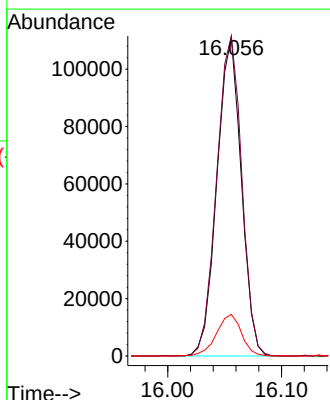
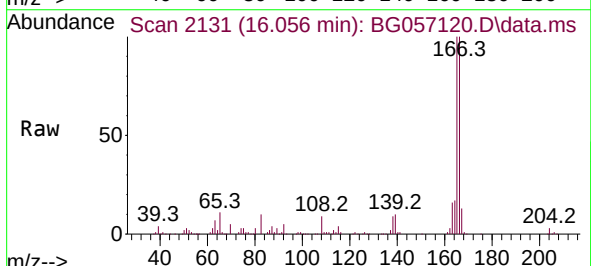
APPROVED

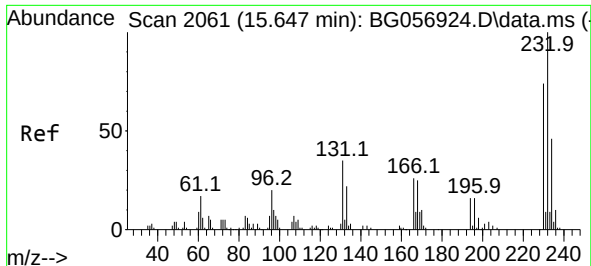
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#58
Fluorene
Concen: 46.589 ng
RT: 16.056 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

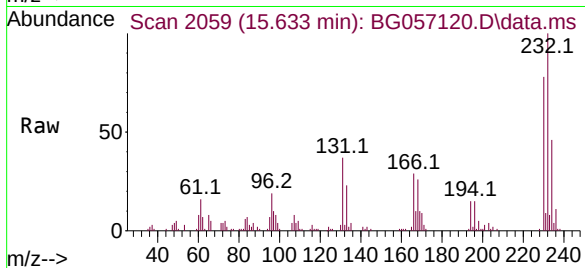
Tgt Ion:166 Resp: 164620
Ion Ratio Lower Upper
166 100
165 100.5 82.6 123.8
167 13.1 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.936 ng
RT: 15.633 min Scan# 2087
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

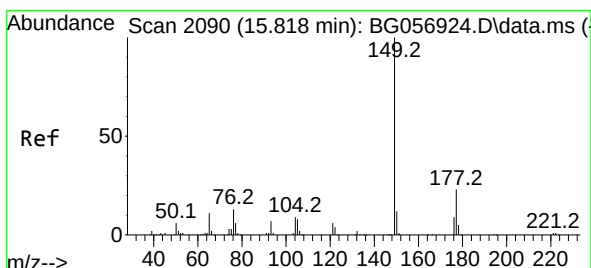
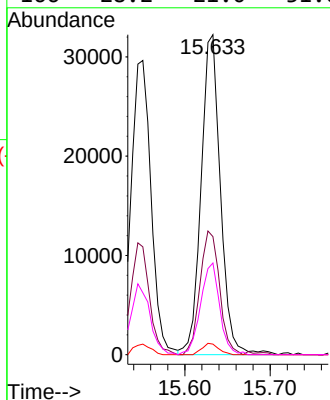
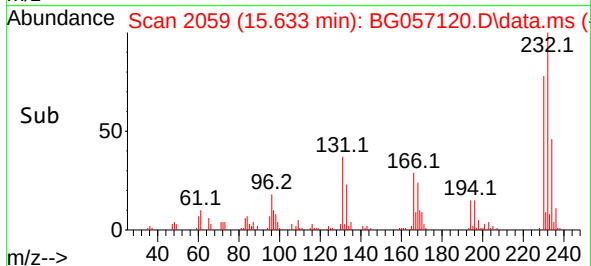
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



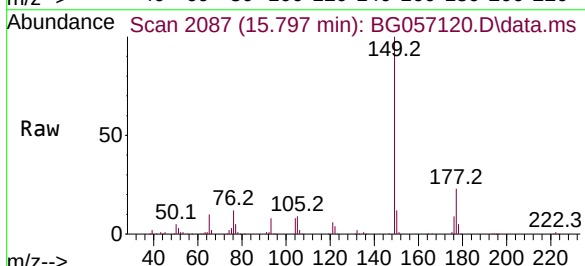
Tgt Ion:232 Resp: 5084
Ion Ratio Lower Upper
232 100
131 39.1 29.3 43.9
130 3.0 1.7 2.5
166 28.2 21.0 31.6

Manual Integrations
APPROVED

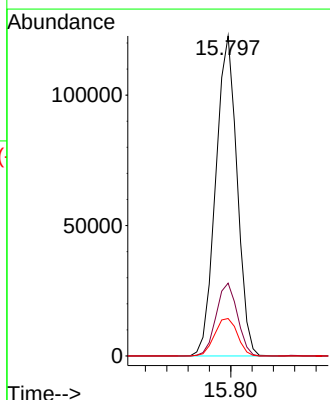
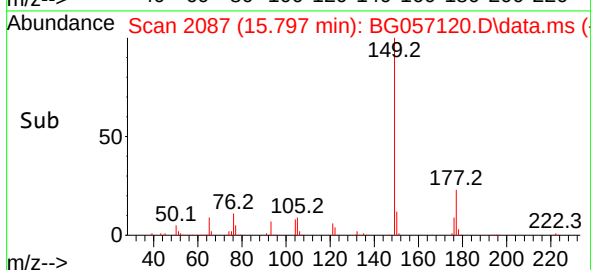
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

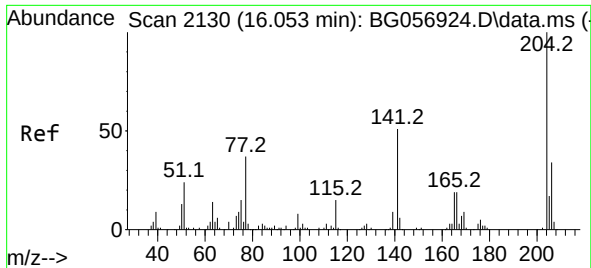


#60
Diethylphthalate
Concen: 46.411 ng
RT: 15.797 min Scan# 2087
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:149 Resp: 170011
Ion Ratio Lower Upper
149 100
177 22.8 18.8 28.2
150 11.7 9.4 14.2





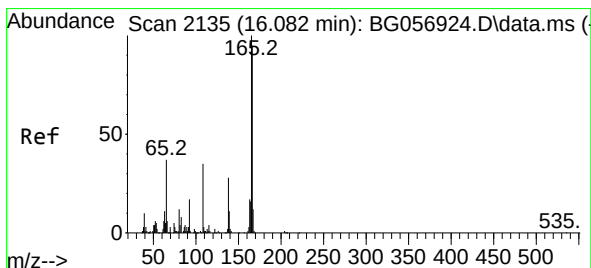
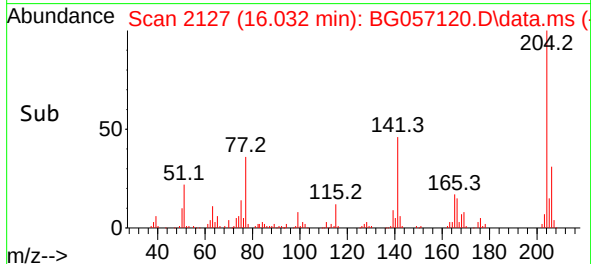
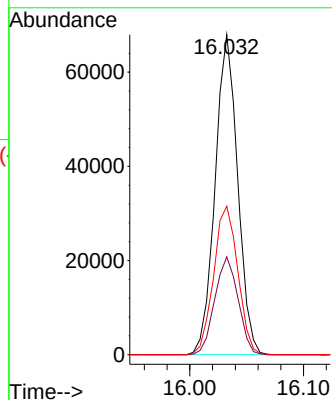
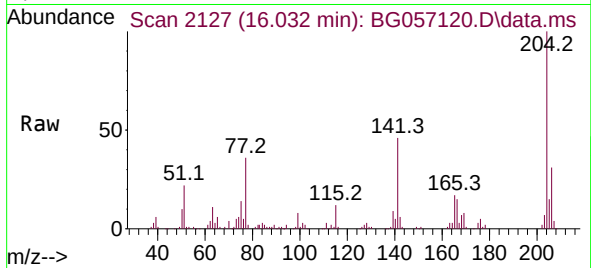
#61
4-Chlorophenyl-phenylether
Concen: 45.098 ng
RT: 16.032 min Scan# 2130
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD

Tgt Ion:204 Resp: 9356
Ion Ratio Lower Upper
204 100
206 30.6 27.2 40.8
141 46.4 40.7 61.1

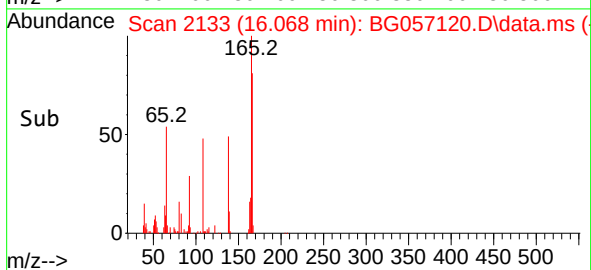
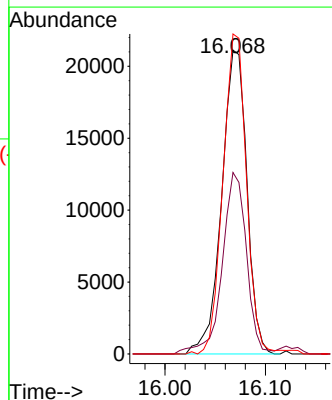
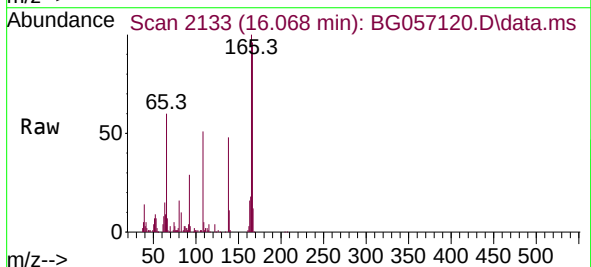
Manual Integrations
APPROVED

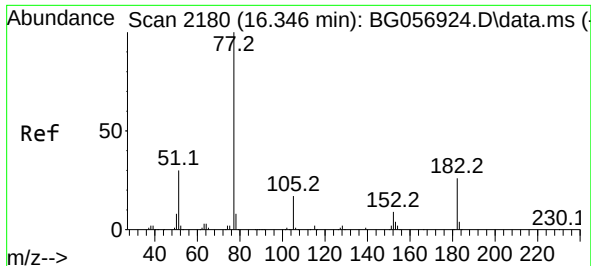
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#62
4-Nitroaniline
Concen: 45.530 ng
RT: 16.068 min Scan# 2133
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:138 Resp: 36863
Ion Ratio Lower Upper
138 100
92 59.7 40.9 80.9
108 105.3 104.3 144.3





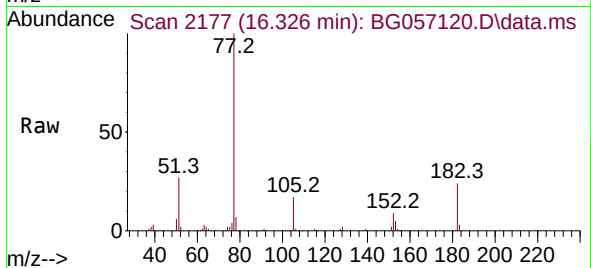
#63
Azobenzene
Concen: 47.218 ng
RT: 16.326 min Scan# 2180
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

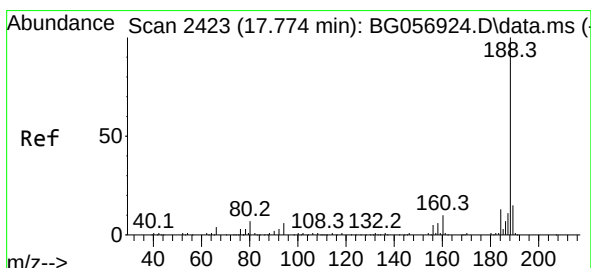
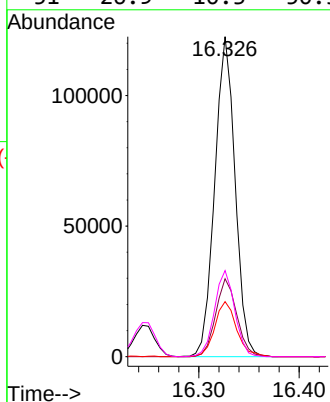
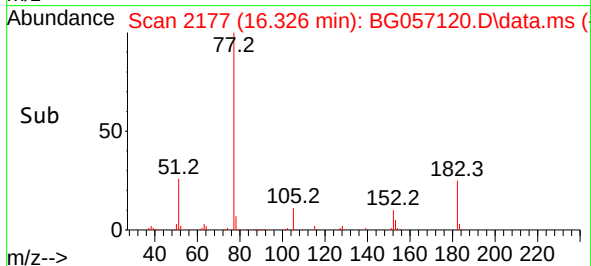


Tgt Ion: 77 Resp: 17237
Ion Ratio Lower Upper
77 100
182 24.3 5.9 45.9
105 17.2 0.0 36.8
51 26.9 10.3 50.3

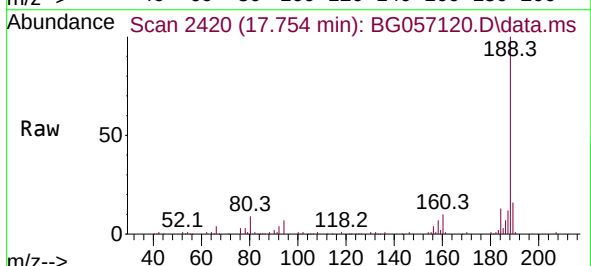
Manual Integrations

APPROVED

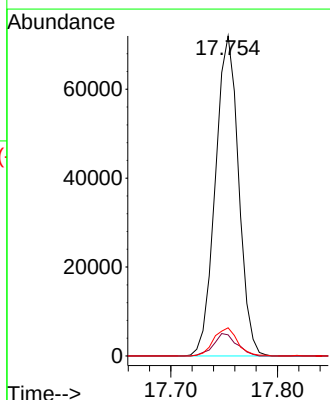
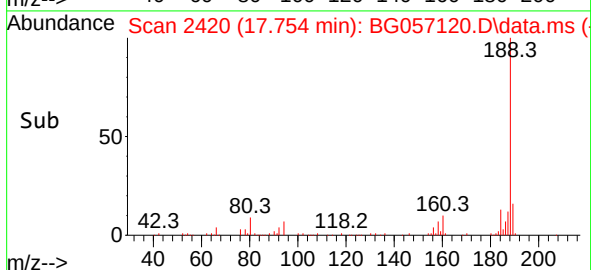
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

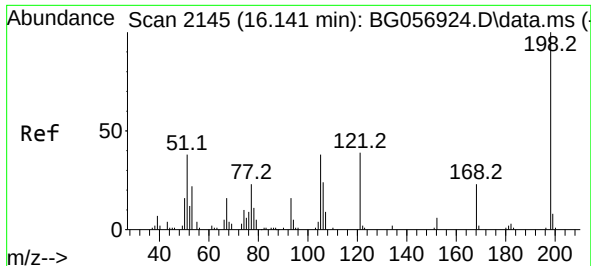


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:188 Resp: 108892
Ion Ratio Lower Upper
188 100
94 6.6 4.6 6.8
80 8.8 5.5 8.3#





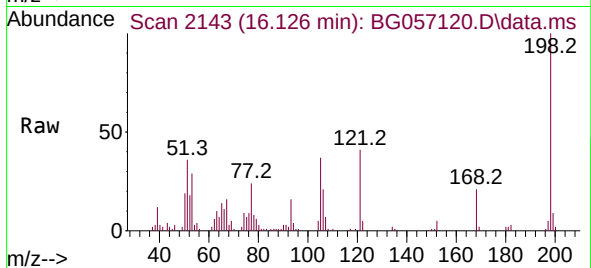
#65
4,6-Dinitro-2-methylphenol
Concen: 51.600 ng
RT: 16.126 min Scan# 2143
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

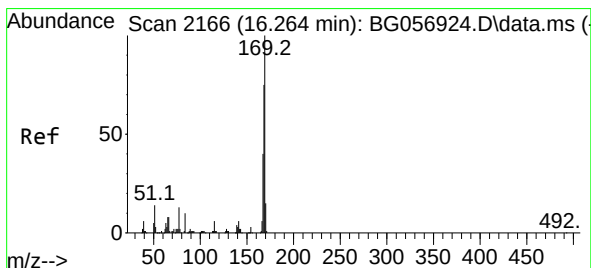
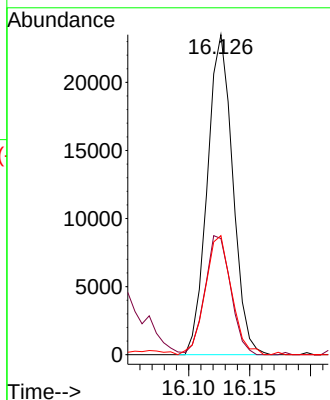
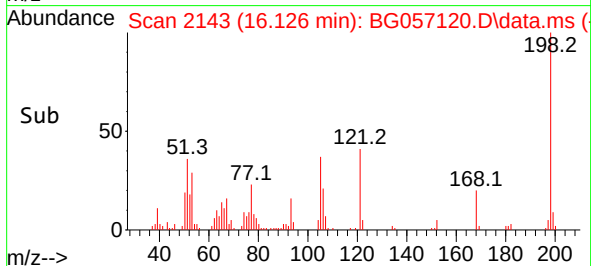


Tgt Ion:198 Resp: 34030
Ion Ratio Lower Upper
198 100
51 36.3 20.5 60.5
105 37.2 18.1 58.1

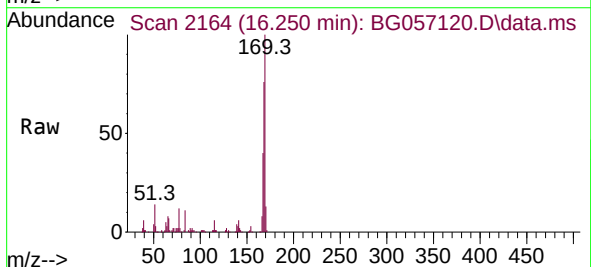
Manual Integrations

APPROVED

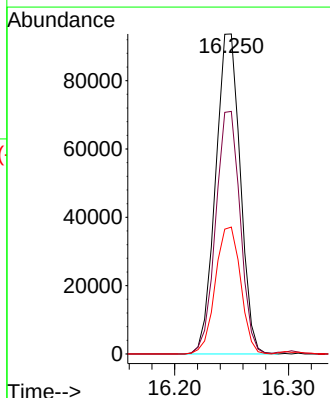
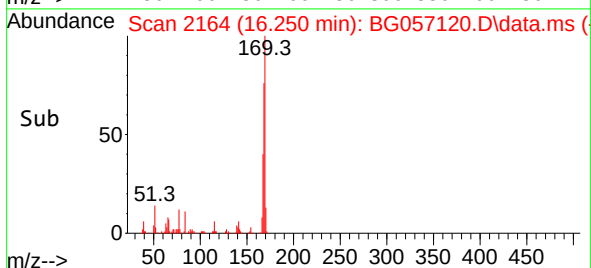
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

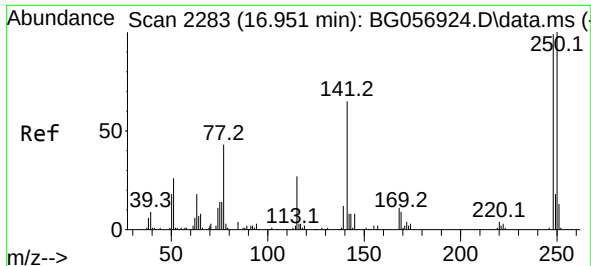


#66
n-Nitrosodiphenylamine
Concen: 48.327 ng
RT: 16.250 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:169 Resp: 141266
Ion Ratio Lower Upper
169 100
168 75.8 59.6 89.4
167 39.7 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 44.957 ng
RT: 16.925 min Scan# 211
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

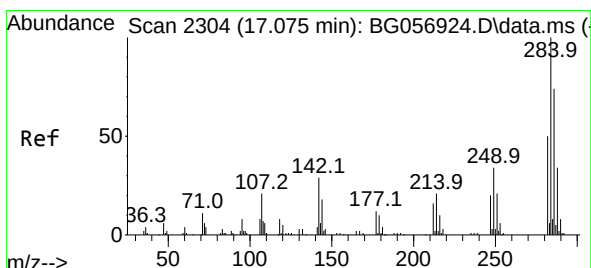
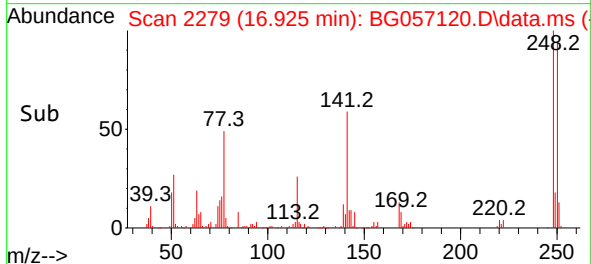
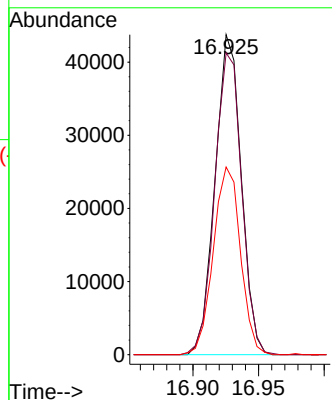
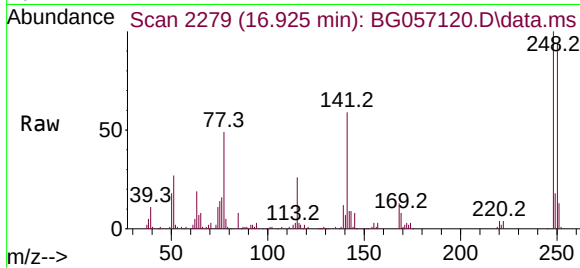
P2-S1-230413MSD

Tgt Ion:248 Resp: 60572
Ion Ratio Lower Upper
248 100
250 94.3 80.5 120.7
141 58.7 52.0 78.0

Manual Integrations

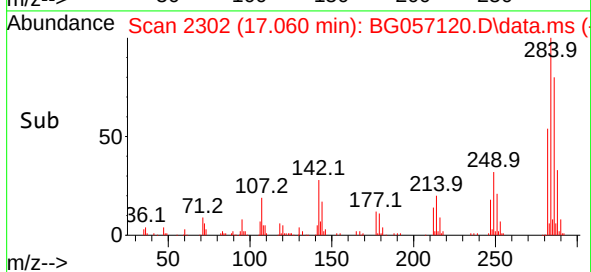
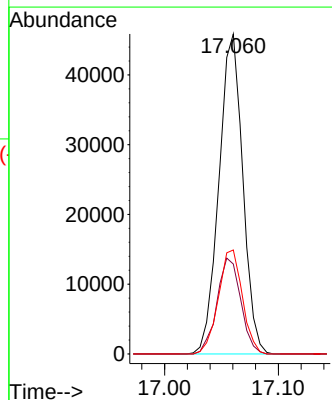
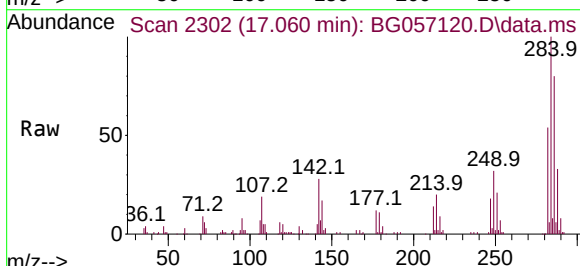
APPROVED

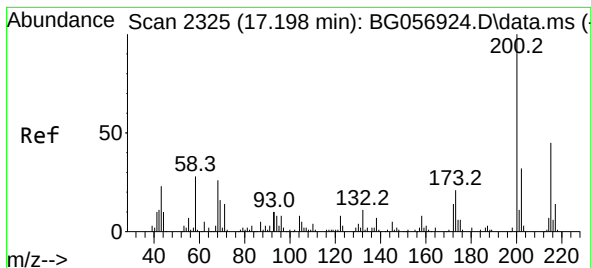
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#68
Hexachlorobenzene
Concen: 50.147 ng
RT: 17.060 min Scan# 2302
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:284 Resp: 66799
Ion Ratio Lower Upper
284 100
142 28.1 23.0 34.4
249 32.5 27.1 40.7





#69

Atrazine

Concen: 49.148 ng

RT: 17.178 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

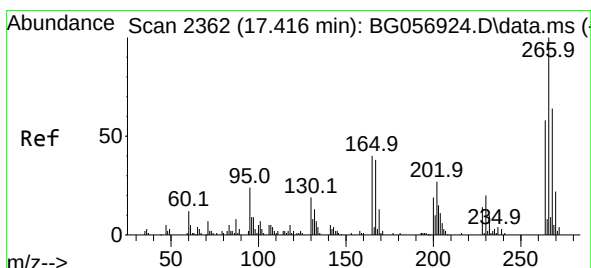
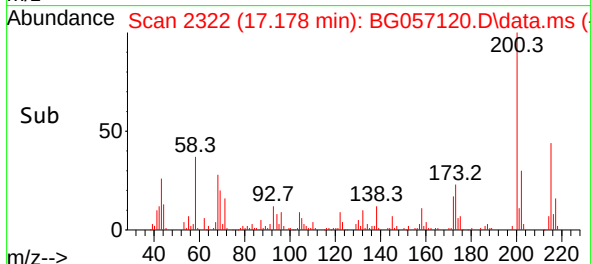
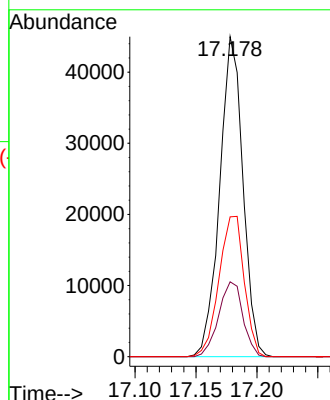
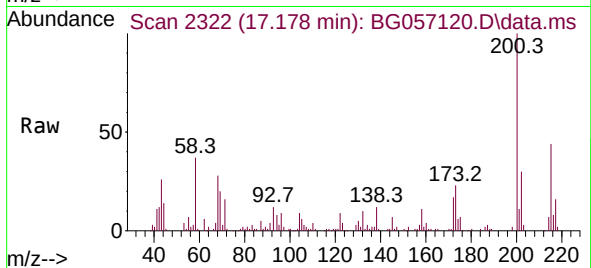
P2-S1-230413MSD

Tgt Ion:200 Resp: 59630
 Ion Ratio Lower Upper
 200 100
 173 23.4 1.0 41.0
 215 43.7 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023



#70

Pentachlorophenol

Concen: 78.866 ng

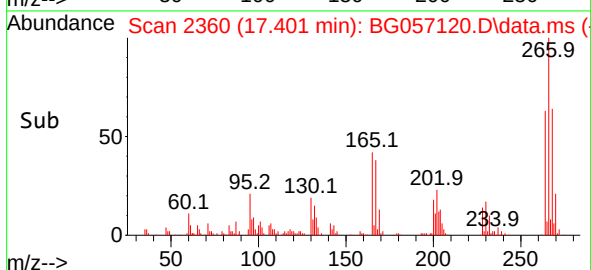
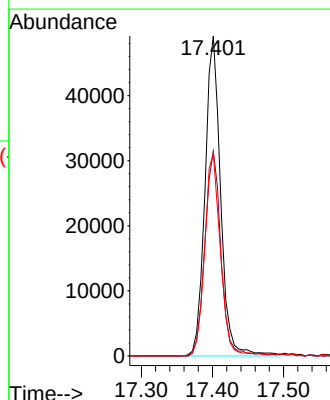
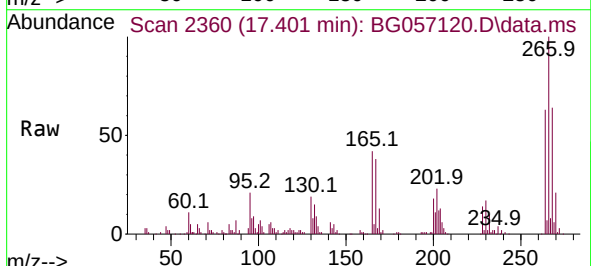
RT: 17.401 min Scan# 2360

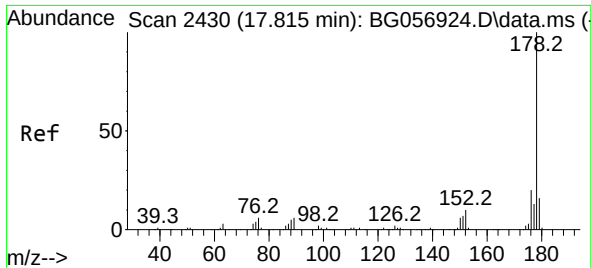
Delta R.T. -0.004 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

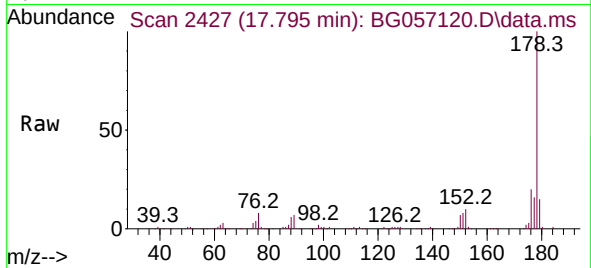
Tgt Ion:266 Resp: 75367
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 63.4 46.8 70.2





#71
Phenanthrene
Concen: 49.288 ng
RT: 17.795 min Scan# 2430
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

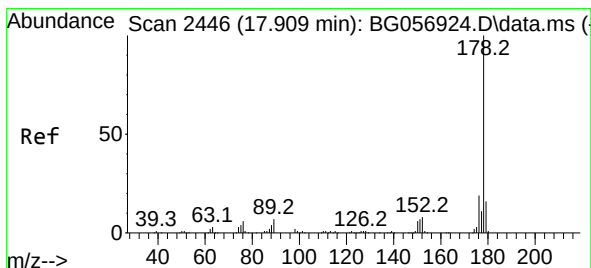
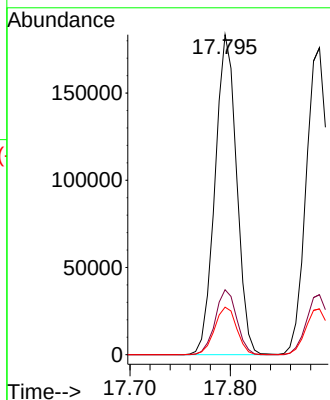
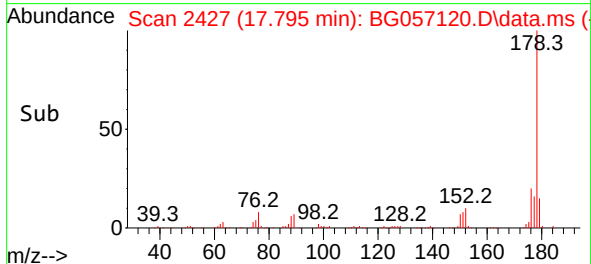
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



Tgt Ion:178 Resp: 273638
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 14.9 12.5 18.7

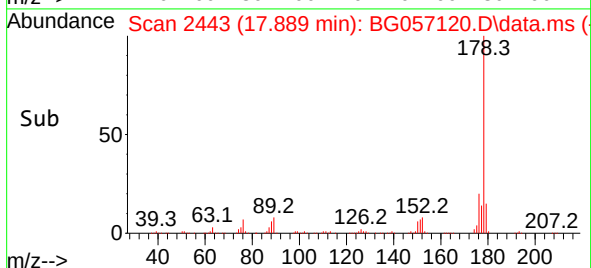
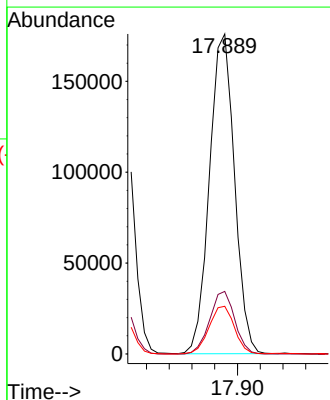
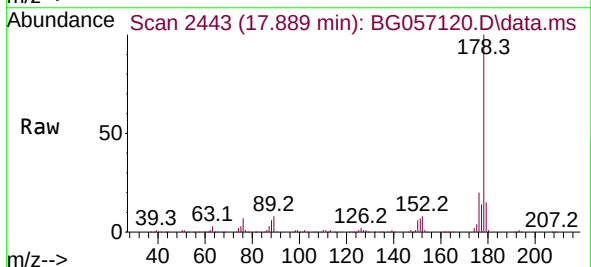
Manual Integrations
APPROVED

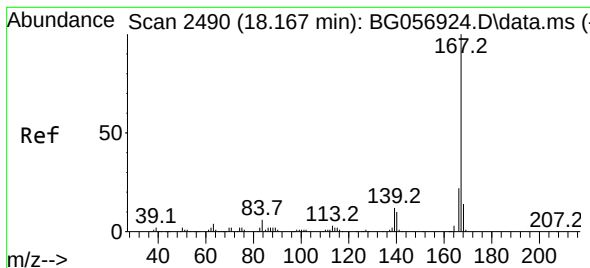
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#72
Anthracene
Concen: 47.239 ng
RT: 17.889 min Scan# 2443
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:178 Resp: 268853
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 14.9 12.4 18.6





#73

Carbazole

Concen: 46.740 ng

RT: 18.153 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

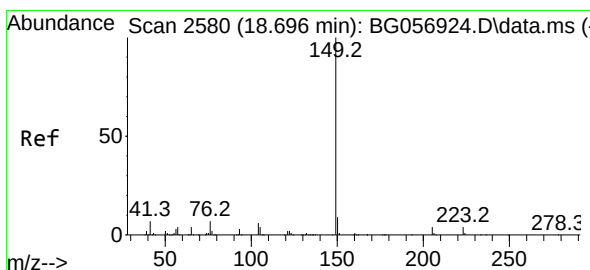
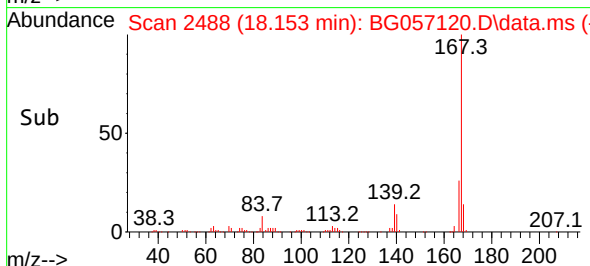
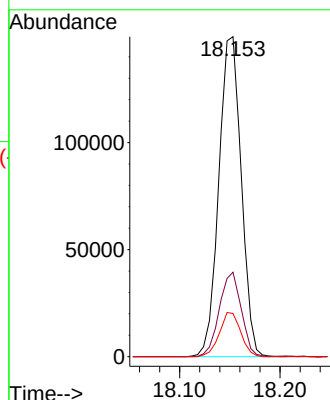
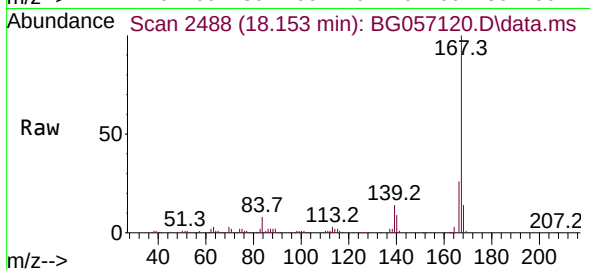
P2-S1-230413MSD

Tgt Ion:167	Resp: 231928
Ion Ratio	Lower Upper
167 100	
166 26.4	17.9 26.9
139 13.5	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#74

Di-n-butylphthalate

Concen: 48.737 ng

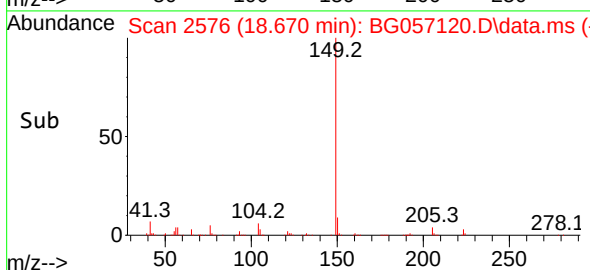
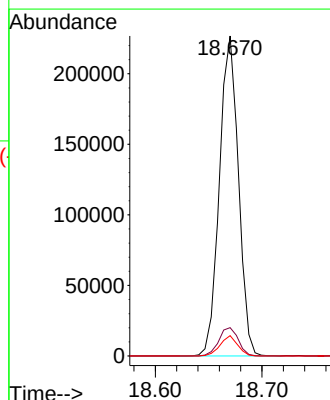
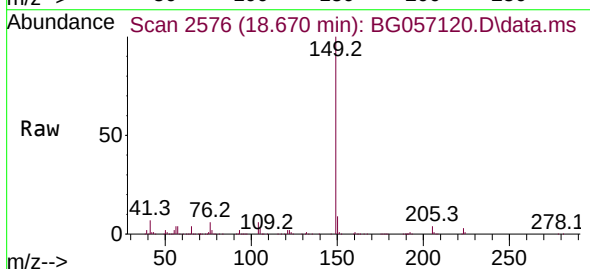
RT: 18.670 min Scan# 2576

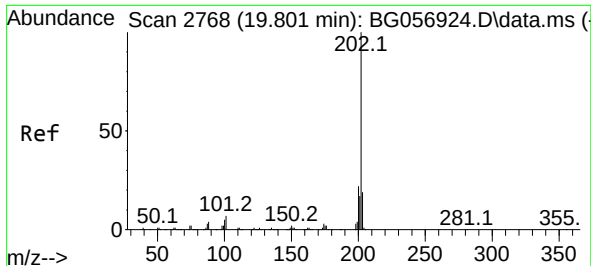
Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

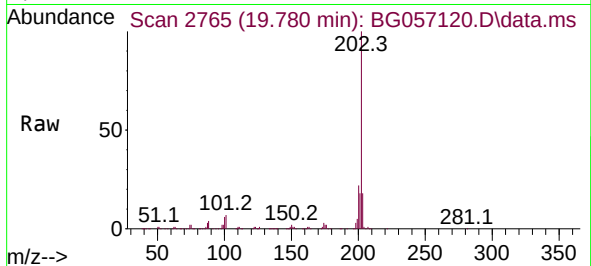
Tgt Ion:149	Resp: 280045
Ion Ratio	Lower Upper
149 100	
150 8.8	7.4 11.0
104 6.4	4.9 7.3





#75
Fluoranthene
Concen: 40.054 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

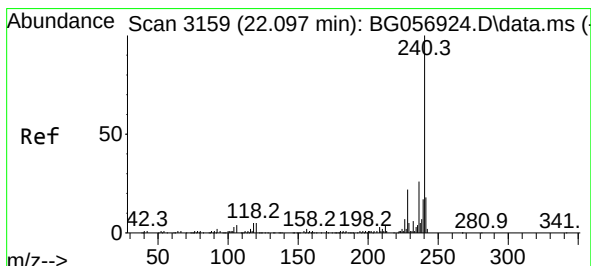
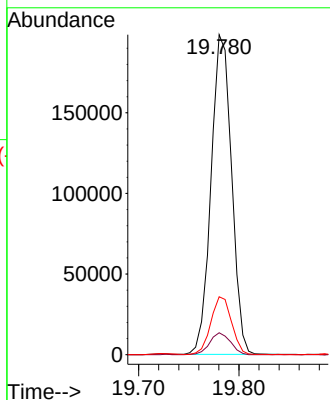
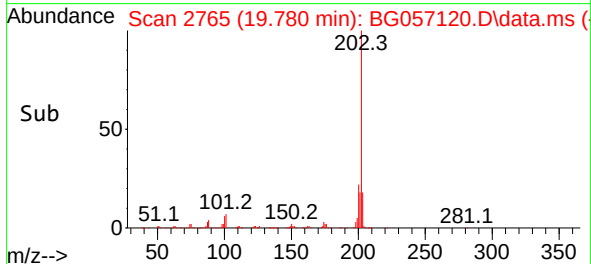
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



Tgt Ion:202 Resp: 28189
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.7
203 18.1 0.0 39.0

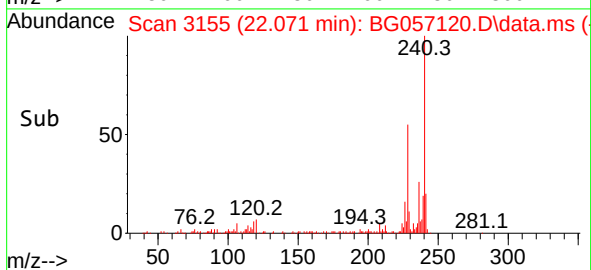
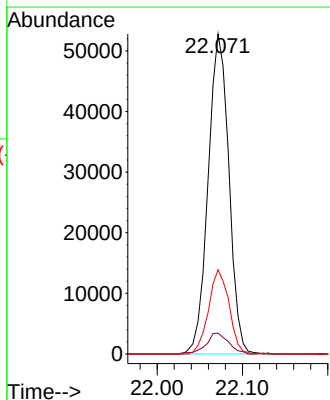
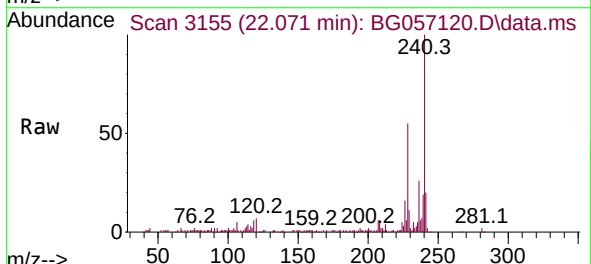
Manual Integrations
APPROVED

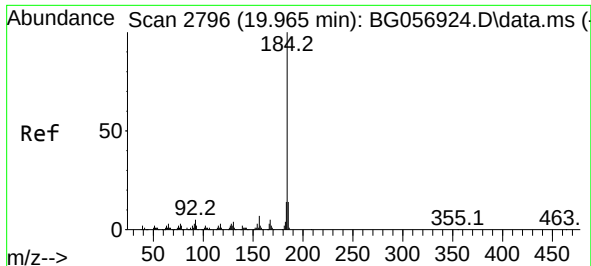
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

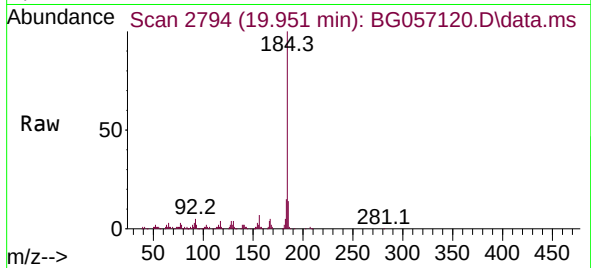
Tgt Ion:240 Resp: 89068
Ion Ratio Lower Upper
240 100
120 6.5 3.8 5.6#
236 26.3 21.0 31.6





#77
Benzidine
Concen: 43.996 ng
RT: 19.951 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

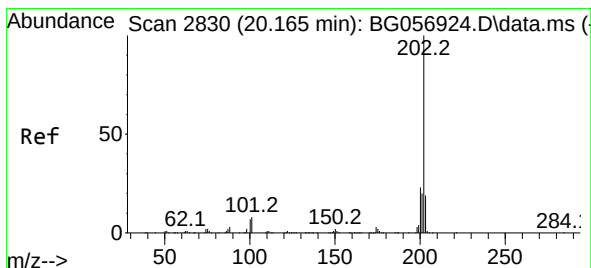
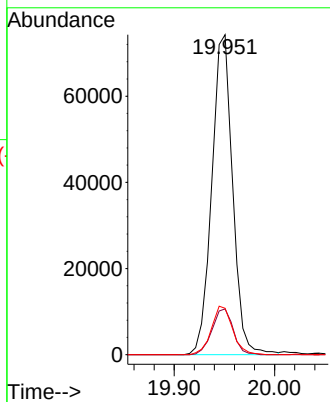
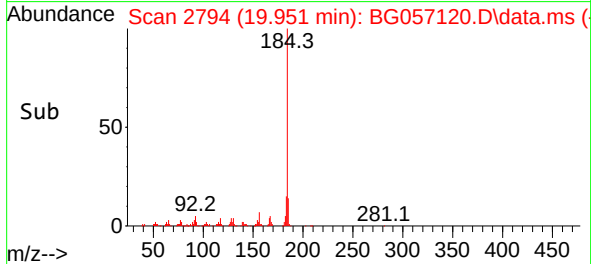
Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD



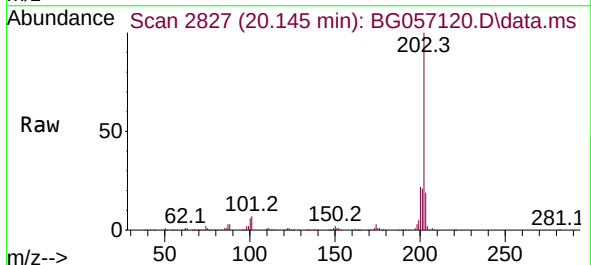
Tgt Ion:184 Resp: 107110
Ion Ratio Lower Upper
184 100
185 14.3 11.0 16.4
183 14.5 11.4 17.0

Manual Integrations
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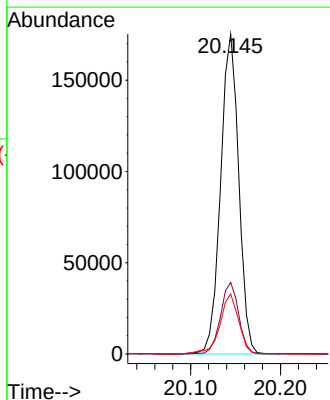
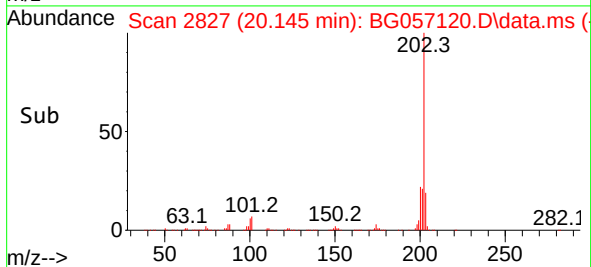
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

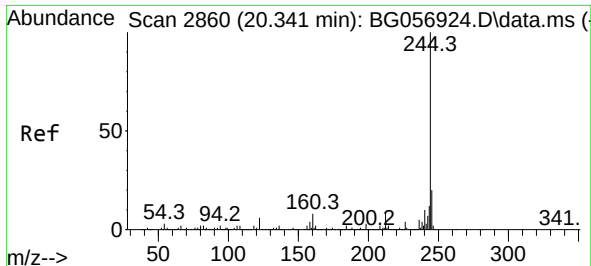


#78
Pyrene
Concen: 39.819 ng
RT: 20.145 min Scan# 2827
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13



Tgt Ion:202 Resp: 245301
Ion Ratio Lower Upper
202 100
200 22.3 18.7 28.1
203 18.8 15.4 23.2





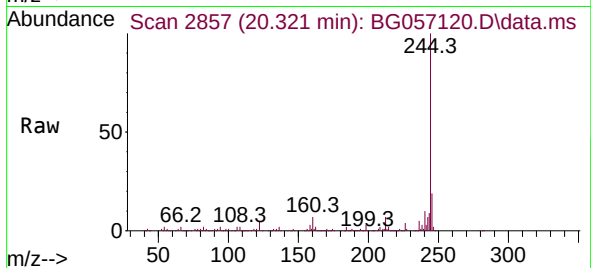
#79
Terphenyl-d14
Concen: 53.719 ng
RT: 20.321 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

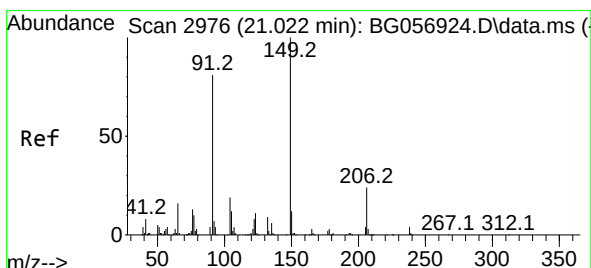
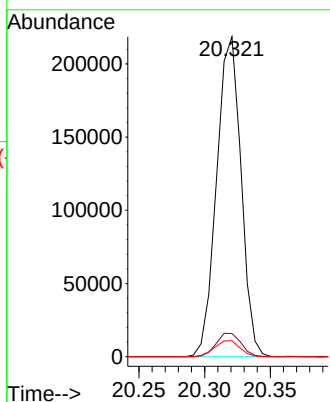
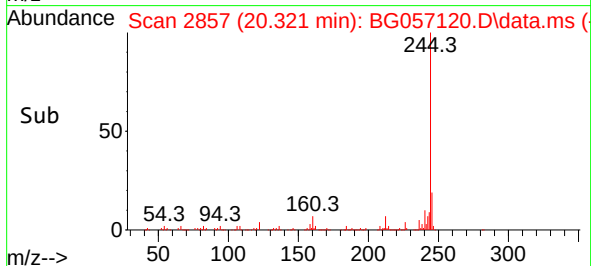


Tgt Ion:244 Resp: 282750
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 5.0 5.0 7.4

Manual Integrations

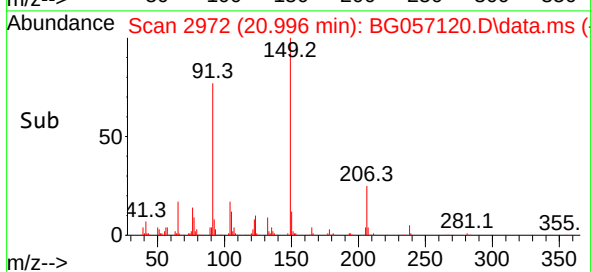
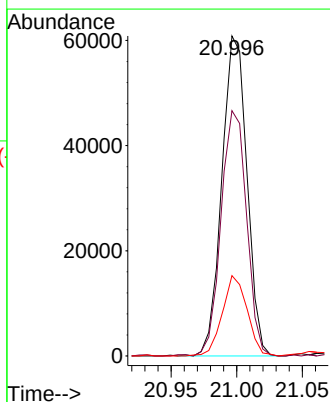
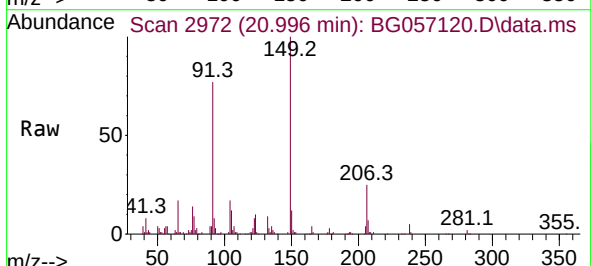
APPROVED

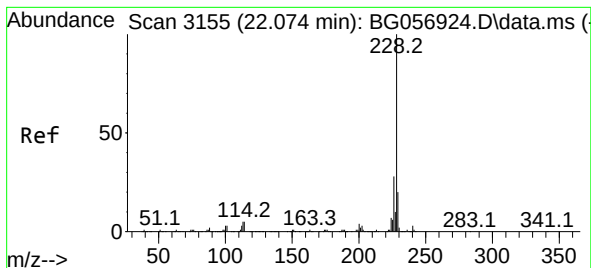
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#80
Butylbenzylphthalate
Concen: 38.138 ng
RT: 20.996 min Scan# 2972
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:149 Resp: 80848
Ion Ratio Lower Upper
149 100
91 76.7 64.4 96.6
206 25.1 18.9 28.3





#81

Benzo(a)anthracene

Concen: 50.057 ng

RT: 22.048 min Scan# 3151

Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

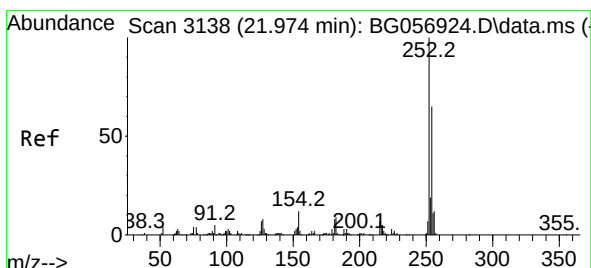
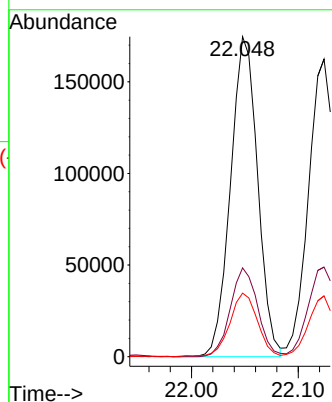
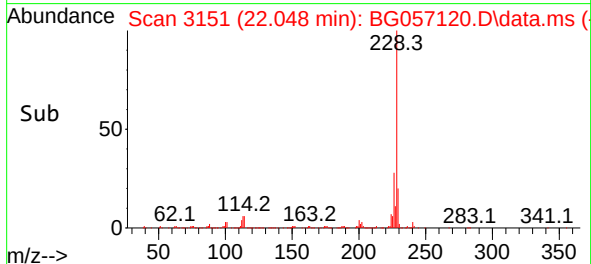
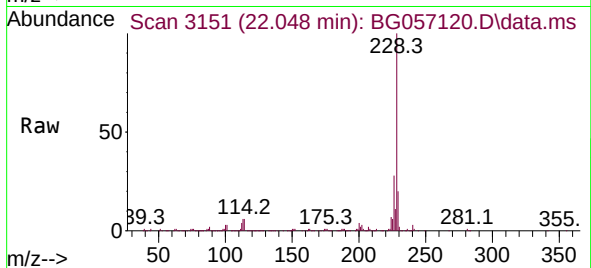
P2-S1-230413MSD

Tgt Ion:228 Resp: 308529
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.1 33.1
 229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023



#82

3,3'-Dichlorobenzidine

Concen: 38.867 ng

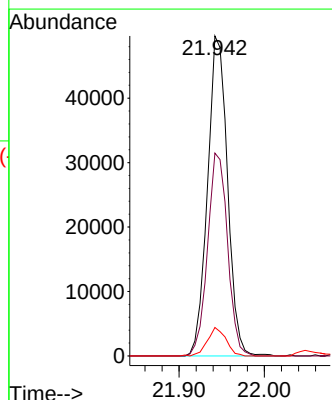
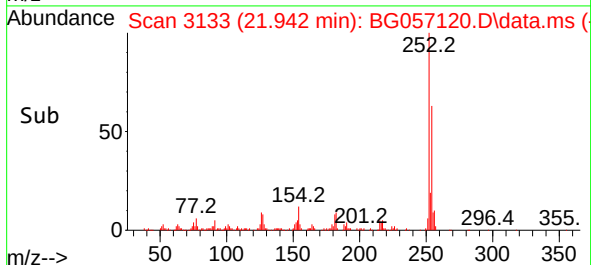
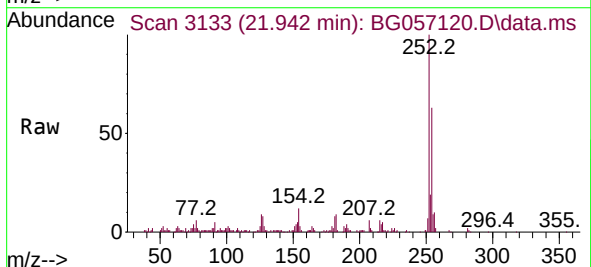
RT: 21.942 min Scan# 3133

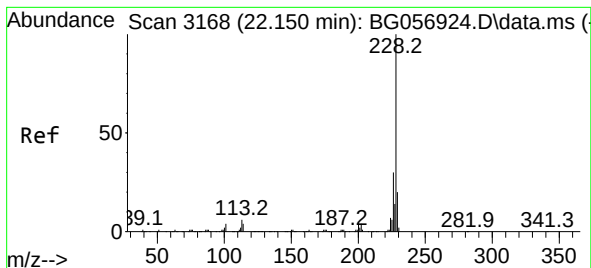
Delta R.T. -0.015 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Tgt Ion:252 Resp: 80893
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.7 77.5
 126 8.9 5.6 8.4#





#83

Chrysene

Concen: 48.891 ng

RT: 22.124 min Scan# 3164

Delta R.T. -0.004 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

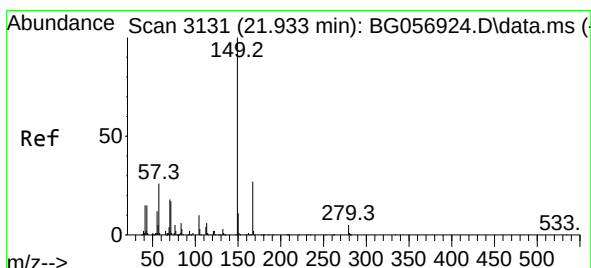
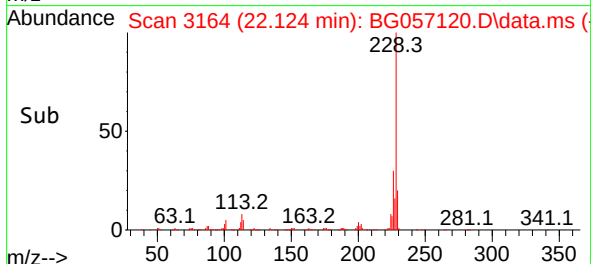
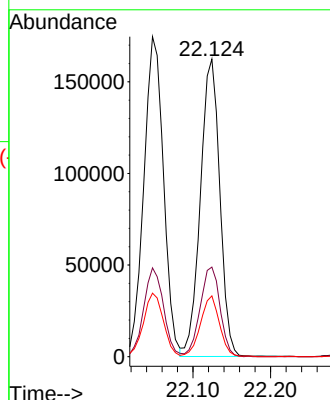
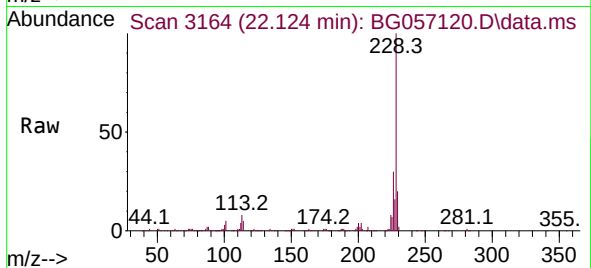
P2-S1-230413MSD

Tgt Ion:228 Resp: 28214
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 20.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023
 Supervised By :Jagrut Upadhyay 04/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.116 ng

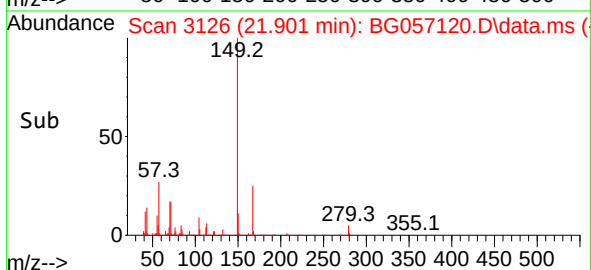
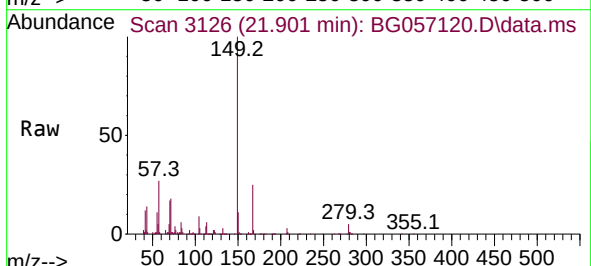
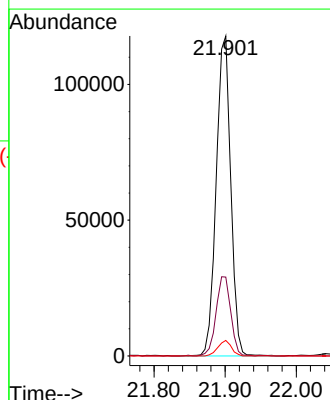
RT: 21.901 min Scan# 3126

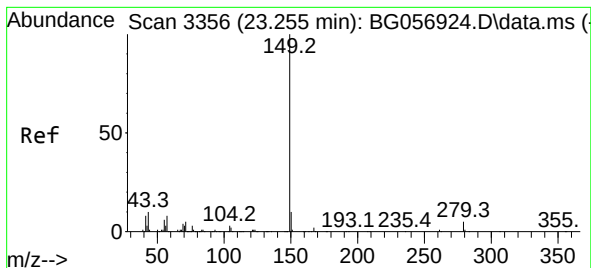
Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Tgt Ion:149 Resp: 166120
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.4 32.2
 279 4.9 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 53.341 ng

RT: 23.211 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

Tgt Ion:149 Resp: 27593

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

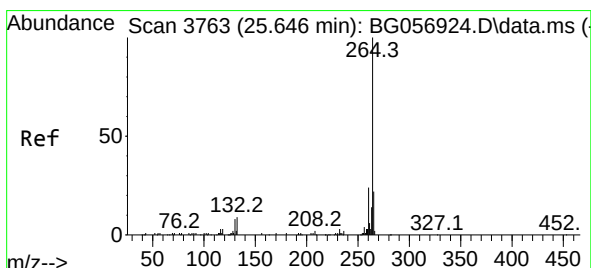
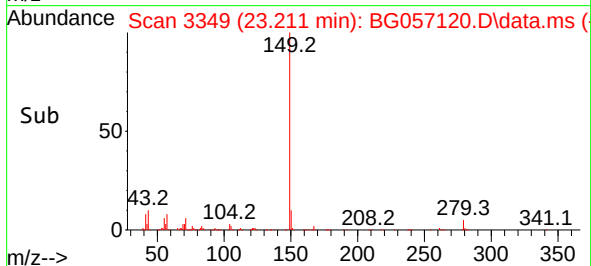
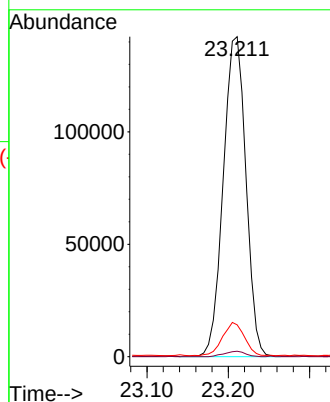
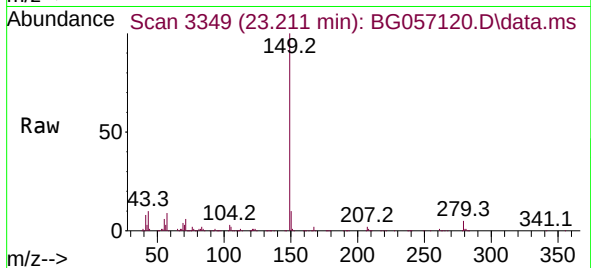
43 10.0 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.608 min Scan# 3757

Delta R.T. -0.004 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

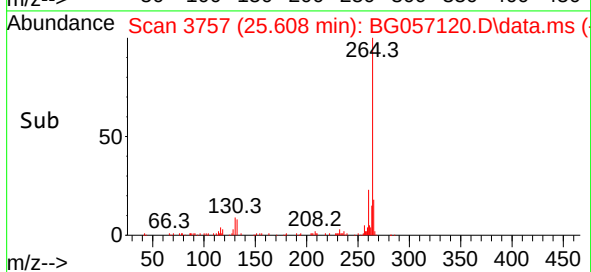
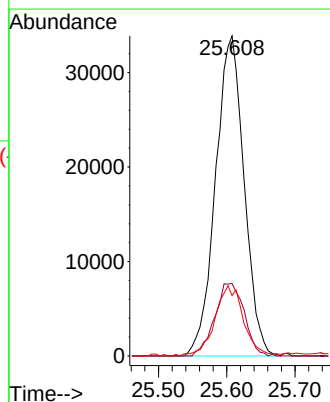
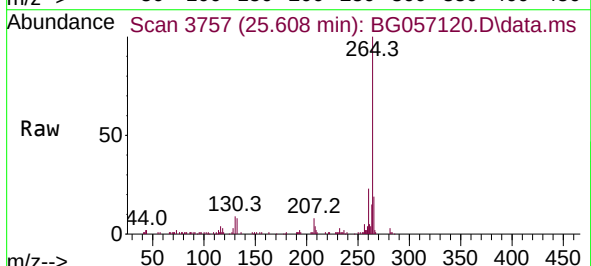
Tgt Ion:264 Resp: 98777

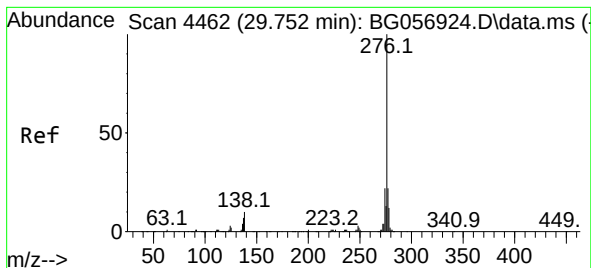
Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.4

265 18.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.713 ng

RT: 29.696 min Scan# 44

Delta R.T. -0.015 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

Tgt Ion:276 Resp: 355609

Ion Ratio Lower Upper

276 100

138 9.7 7.7 11.5

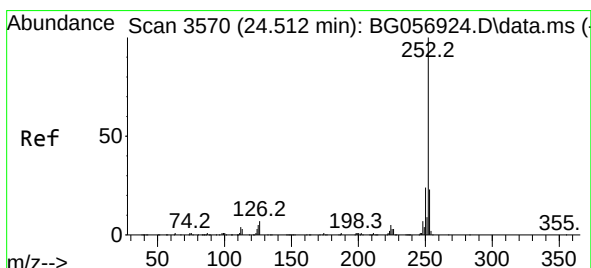
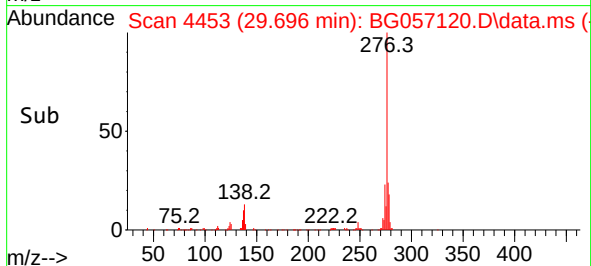
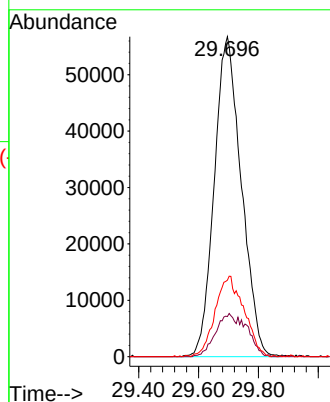
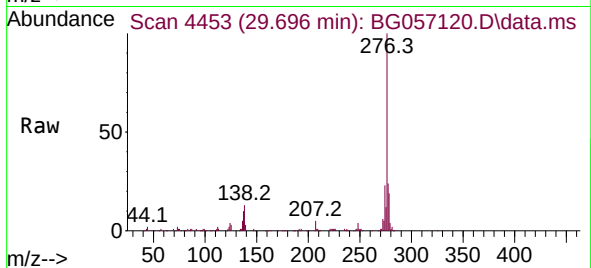
277 26.8 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#88

Benzo(b)fluoranthene

Concen: 50.425 ng m

RT: 24.474 min Scan# 3564

Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

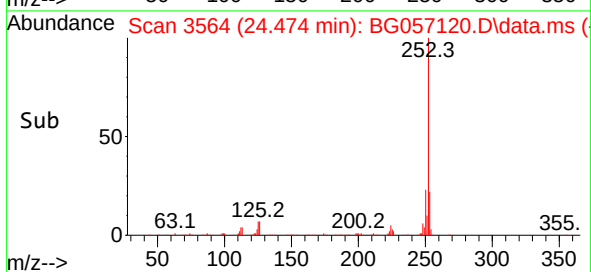
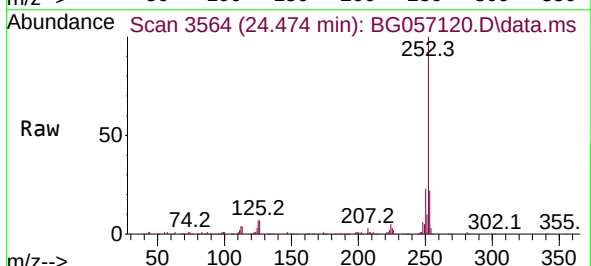
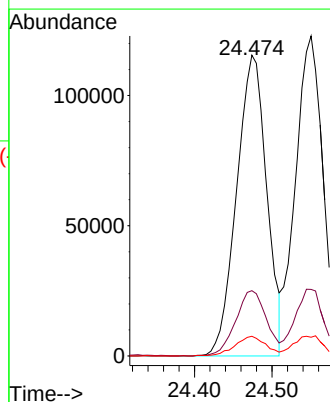
Tgt Ion:252 Resp: 311465

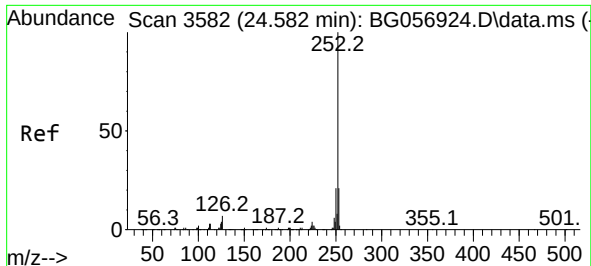
Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

125 6.5 4.2 6.4#





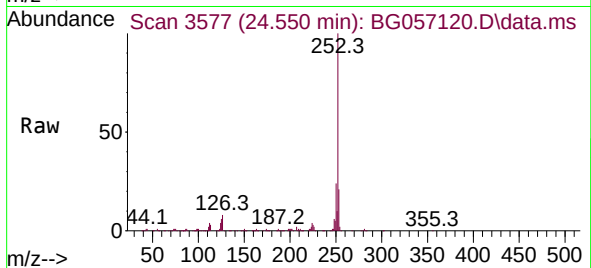
#89
Benzo(k)fluoranthene
Concen: 49.015 ng
RT: 24.550 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD

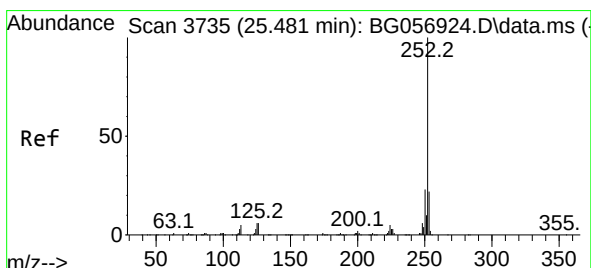
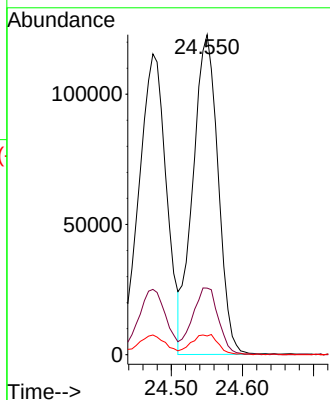
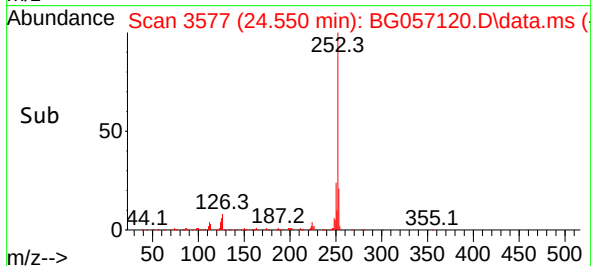


Tgt Ion:252 Resp: 302254
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 5.9 3.8 5.6

Manual Integrations

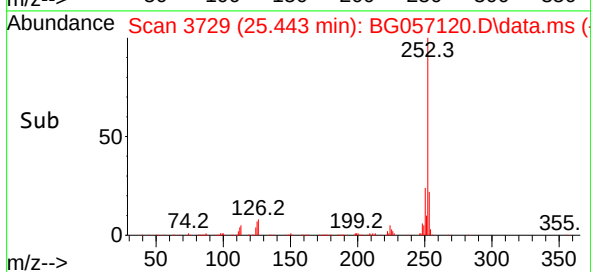
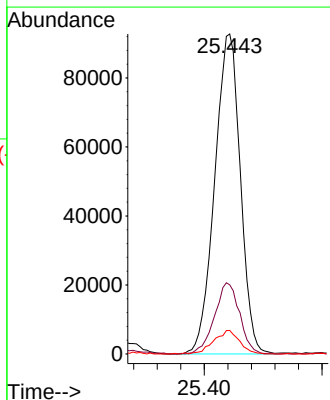
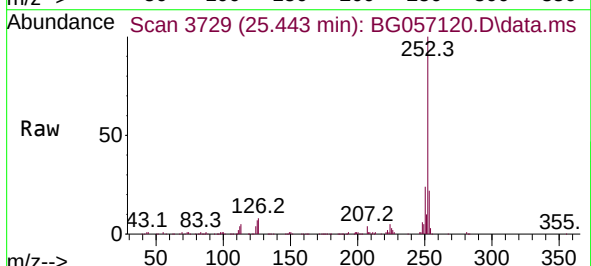
APPROVED

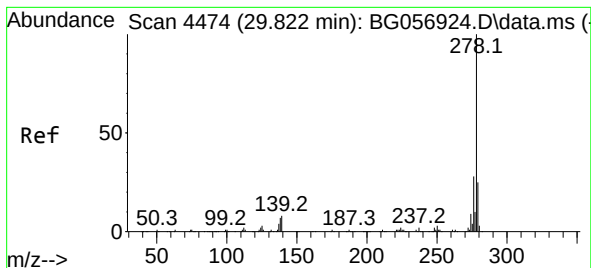
Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023



#90
Benzo(a)pyrene
Concen: 46.102 ng
RT: 25.443 min Scan# 3729
Delta R.T. -0.010 min
Lab File: BG057120.D
Acq: 17 Apr 2023 21:13

Tgt Ion:252 Resp: 279824
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 7.3 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 49.099 ng

RT: 29.755 min Scan# 44

Delta R.T. -0.010 min

Lab File: BG057120.D

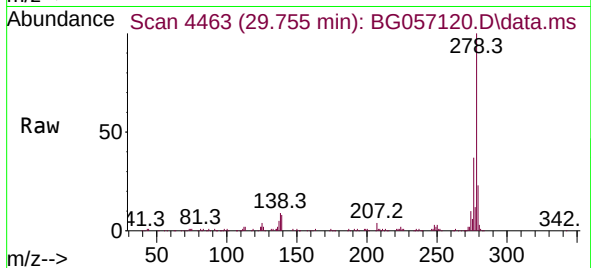
Acq: 17 Apr 2023 21:13

Instrument :

BNA_G

ClientSampleId :

P2-S1-230413MSD



Tgt Ion:278 Resp: 294624

Ion Ratio Lower Upper

278 100

139 7.9 6.4 9.6

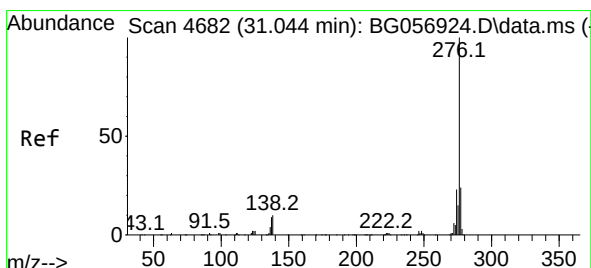
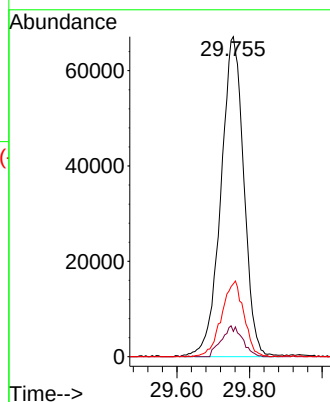
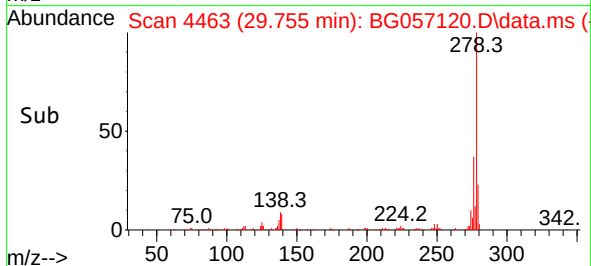
279 22.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2023

Supervised By :Jagrut Upadhyay 04/18/2023



#92

Benzo(g,h,i)perylene

Concen: 48.335 ng

RT: 30.983 min Scan# 4672

Delta R.T. -0.010 min

Lab File: BG057120.D

Acq: 17 Apr 2023 21:13

Tgt Ion:276 Resp: 284003

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 12.5 8.2 12.2#

