

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053807.D
 Acq On : 3 Jun 2022 10:57
 Operator : CG/JU
 Sample : PB145265BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB145265BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/06/2022
 Supervised By : Jagrut Upadhyay 06/06/2022

Quant Time: Jun 03 13:28:43 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 02 23:22:27 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	28430	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	119684	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	89466	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	227930	20.000	ng	0.00
76) Chrysene-d12	21.736	240	234232	20.000	ng	# 0.00
86) Perylene-d12	25.003	264	228659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	212080	136.987	ng	0.00
7) Phenol-d6	7.241	99	271150	129.293	ng	0.00
23) Nitrobenzene-d5	9.251	82	171851	94.291	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	150584	138.660	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	458215	76.621	ng	0.00
79) Terphenyl-d14	20.068	244	978517	83.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	20055	26.790	ng	89
3) Pyridine	3.945	79	50111	27.617	ng	# 86
4) n-Nitrosodimethylamine	3.857	42	36725	44.825	ng	99
6) Aniline	7.412	93	100969	39.558	ng	98
8) 2-Chlorophenol	7.653	128	74954	47.295	ng	97
9) Benzaldehyde	7.224	77	45788	32.743	ng	83
10) Phenol	7.271	94	98940	45.657	ng	95
11) bis(2-Chloroethyl)ether	7.506	93	72214	42.368	ng	96
12) 1,3-Dichlorobenzene	7.982	146	82083	40.701	ng	92
13) 1,4-Dichlorobenzene	8.129	146	82710	40.327	ng	99
14) 1,2-Dichlorobenzene	8.446	146	81114	41.282	ng	97
15) Benzyl Alcohol	8.323	79	72063	45.907	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.622	45	118529	39.636	ng	99
17) 2-Methylphenol	8.522	107	65867	44.466	ng	92
18) Hexachloroethane	9.180	117	28036	41.314	ng	# 86
19) n-Nitroso-di-n-propyla...	8.898	70	61604	41.475	ng	93
20) 3+4-Methylphenols	8.851	107	90574	45.005	ng	95
22) Acetophenone	8.910	105	116616	39.459	ng	# 97
24) Nitrobenzene	9.292	77	85401	42.520	ng	# 90
25) Isophorone	9.821	82	170192	41.663	ng	96
26) 2-Nitrophenol	10.009	139	33069	49.991	ng	# 87
27) 2,4-Dimethylphenol	10.062	122	72968	49.688	ng	91
28) bis(2-Chloroethoxy)met...	10.297	93	96936	43.669	ng	99
29) 2,4-Dichlorophenol	10.543	162	82694	46.884	ng	90
30) 1,2,4-Trichlorobenzene	10.761	180	88519	39.652	ng	95
31) Naphthalene	10.955	128	232696	37.988	ng	98
32) Benzoic acid	10.179	122	46882	49.875	ng	# 85
33) 4-Chloroaniline	11.049	127	76771	30.231	ng	93
34) Hexachlorobutadiene	11.249	225	62236	39.351	ng	94
35) Caprolactam	11.818	113	25393m	50.373	ng	
36) 4-Chloro-3-methylphenol	12.159	107	84843	45.196	ng	87
37) 2-Methylnaphthalene	12.547	142	170461	38.360	ng	95
38) 1-Methylnaphthalene	12.770	142	164117	37.767	ng	98
40) 1,2,4,5-Tetrachloroben...	12.917	216	115396	38.411	ng	97
41) Hexachlorocyclopentadiene	12.905	237	130517	85.466	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	74707	45.852	ng	99

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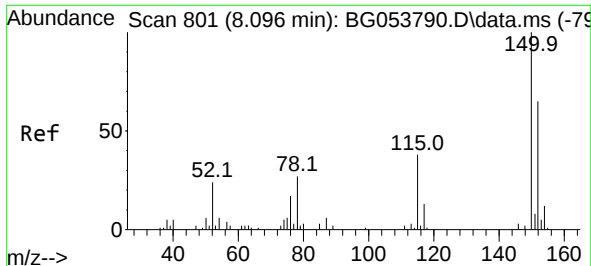
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 Response via : Initial Calibration

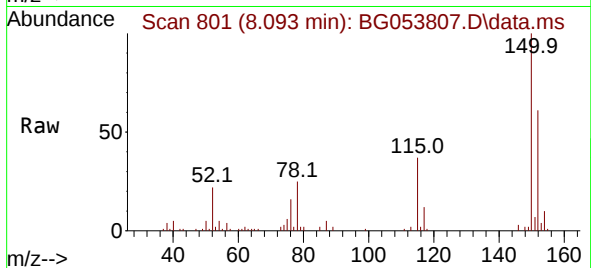
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	83183	45.885	ng	97
46) 1,1'-Biphenyl	13.552	154	241605	37.892	ng	99
47) 2-Chloronaphthalene	13.593	162	187368	37.772	ng	98
48) 2-Nitroaniline	13.787	65	56212	44.907	ng	91
49) Acenaphthylene	14.439	152	315935	39.701	ng	99
50) Dimethylphthalate	14.163	163	264157	40.289	ng	100
51) 2,6-Dinitrotoluene	14.280	165	53886	46.042	ng	# 81
52) Acenaphthene	14.780	154	209057	41.349	ng	99
53) 3-Nitroaniline	14.603	138	46840	37.576	ng	92
54) 2,4-Dinitrophenol	14.809	184	55149	94.036	ng	# 78
55) Dibenzofuran	15.115	168	305531	37.908	ng	95
56) 4-Nitrophenol	14.903	139	93281	88.688	ng	# 86
57) 2,4-Dinitrotoluene	15.062	165	76142	47.622	ng	# 96
58) Fluorene	15.761	166	249172	37.338	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.332	232	80645	41.181	ng	96
60) Diethylphthalate	15.526	149	268548	40.443	ng	97
61) 4-Chlorophenyl-phenyle...	15.749	204	143355	39.846	ng	94
62) 4-Nitroaniline	15.767	138	57076	41.759	ng	# 74
63) Azobenzene	16.043	77	231648	37.283	ng	93
65) 4,6-Dinitro-2-methylph...	15.825	198	37118	43.170	ng	89
66) n-Nitrosodiphenylamine	15.961	169	237910	39.252	ng	97
67) 4-Bromophenyl-phenylether	16.642	248	96416	38.932	ng	95
68) Hexachlorobenzene	16.766	284	108477	39.297	ng	97
69) Atrazine	16.907	200	104785	44.155	ng	94
70) Pentachlorophenol	17.106	266	138493	78.946	ng	98
71) Phenanthrene	17.500	178	450021	37.510	ng	98
72) Anthracene	17.588	178	453043	38.584	ng	99
73) Carbazole	17.853	167	413319	38.997	ng	99
74) Di-n-butylphthalate	18.417	149	493098	40.459	ng	# 98
75) Fluoranthene	19.504	202	582697	37.446	ng	95
77) Benzidine	19.680	184	222516	38.850	ng	98
78) Pyrene	19.868	202	588437	39.503	ng	98
80) Butylbenzylphthalate	20.755	149	208044	42.824	ng	92
81) Benzo(a)anthracene	21.713	228	600586	38.622	ng	98
82) 3,3'-Dichlorobenzidine	21.625	252	198998	45.403	ng	99
83) Chrysene	21.783	228	553722	37.724	ng	97
84) Bis(2-ethylhexyl)phtha...	21.630	149	304107	43.531	ng	95
85) Di-n-octyl phthalate	22.864	149	523047	45.022	ng	98
87) Indeno(1,2,3-cd)pyrene	28.734	276	679521	40.318	ng	# 97
88) Benzo(b)fluoranthene	23.963	252	616773m	43.447	ng	
89) Benzo(k)fluoranthene	24.039	252	594343	42.357	ng	99
90) Benzo(a)pyrene	24.850	252	593207	49.410	ng	# 99
91) Dibenzo(a,h)anthracene	28.804	278	594723	42.702	ng	98
92) Benzo(g,h,i)perylene	29.909	276	585584	42.656	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

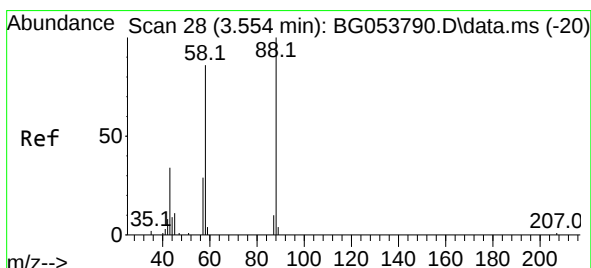
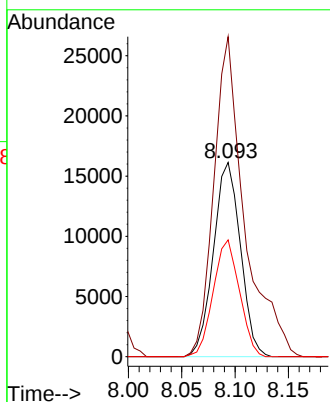
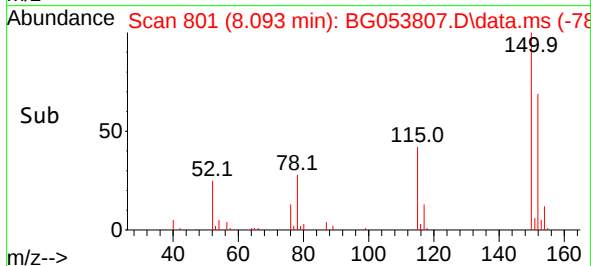
Instrument :
BNA_G
ClientSampleId :
PB145265BS



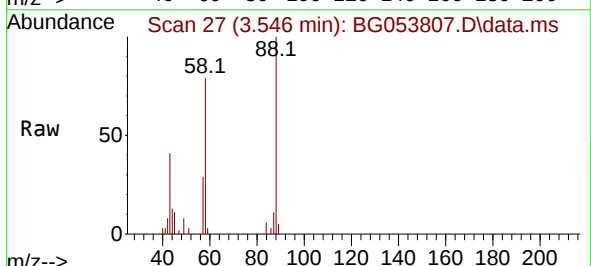
Tgt Ion:152 Resp: 28430
Ion Ratio Lower Upper
152 100
150 164.8 131.6 197.4
115 60.2 50.9 76.3

Manual Integrations
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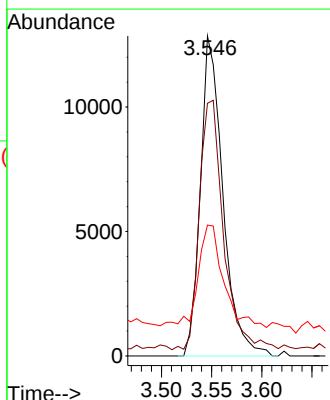
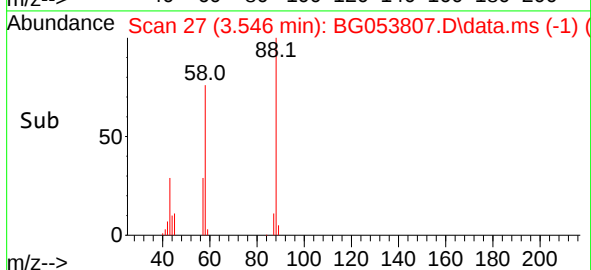
Reviewed By :Christian Giraldo 06/06/2022
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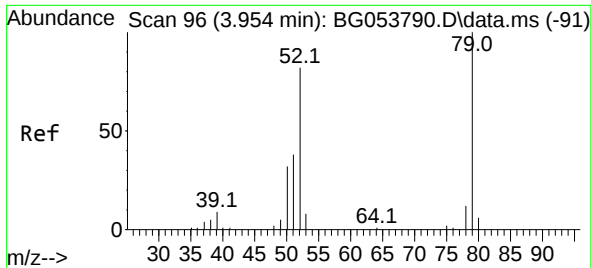


#2
1,4-Dioxane
Concen: 26.790 ng
RT: 3.546 min Scan# 27
Delta R.T. -0.008 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion: 88 Resp: 20055
Ion Ratio Lower Upper
88 100
58 83.4 59.2 88.8
43 36.2 24.3 36.5





#3
Pyridine
Concen: 27.617 ng
RT: 3.945 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

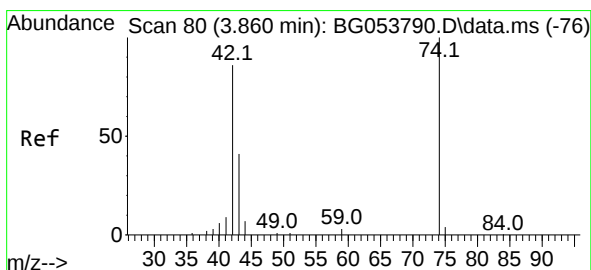
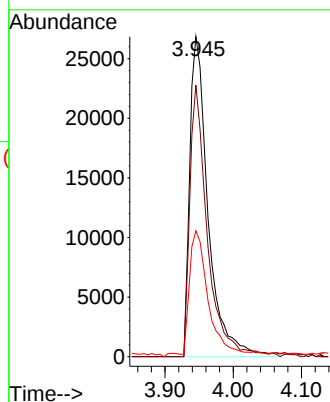
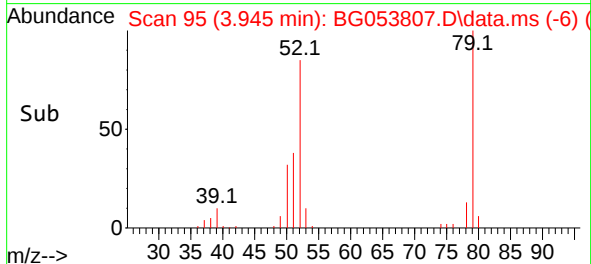
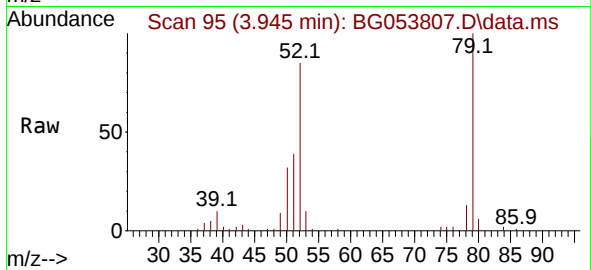
ClientSampleId :

PB145265BS

Tgt Ion: 79 Resp: 5011
Ion Ratio Lower Upper
79 100
52 84.9 54.6 81.8
51 39.4 32.5 48.7

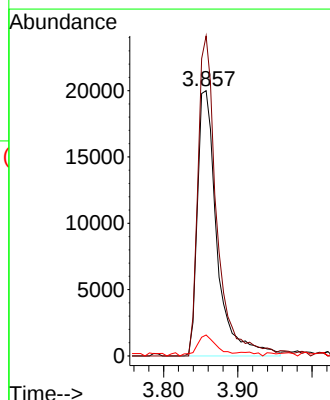
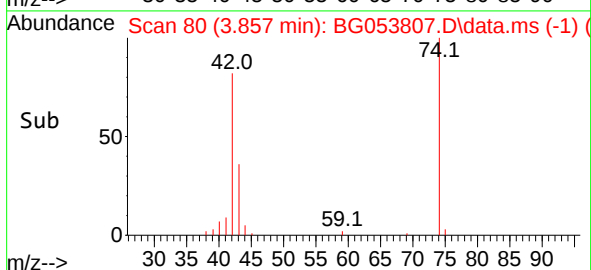
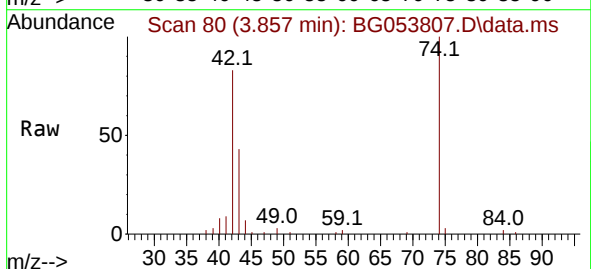
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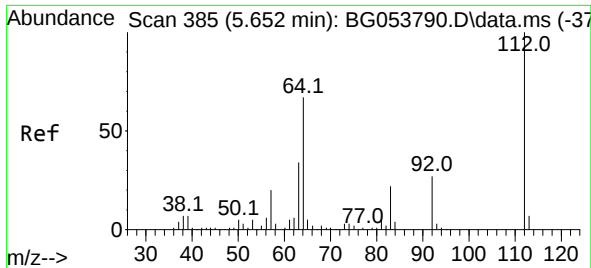
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#4
n-Nitrosodimethylamine
Concen: 44.825 ng
RT: 3.857 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion: 42 Resp: 36725
Ion Ratio Lower Upper
42 100
74 120.6 97.0 145.4
44 7.9 7.0 10.4





#5
2-Fluorophenol
Concen: 136.987 ng
RT: 5.655 min Scan# 385
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

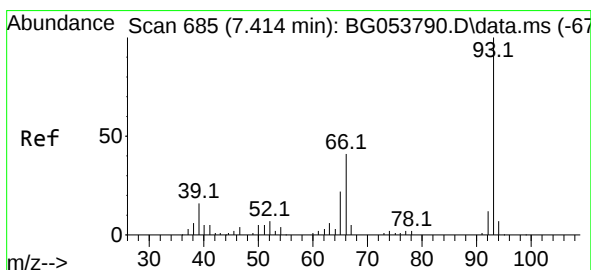
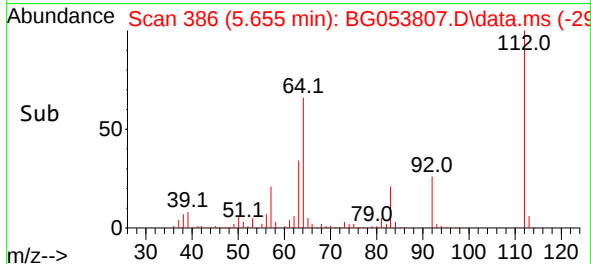
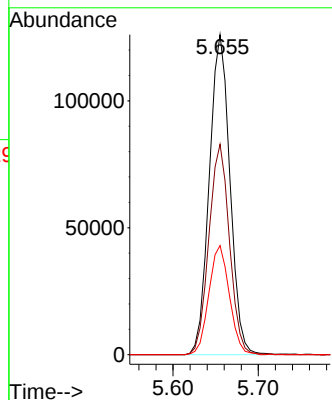
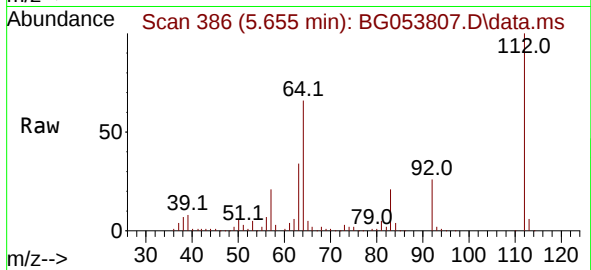
PB145265BS

Tgt Ion:112 Resp: 212080
Ion Ratio Lower Upper
112 100
64 65.7 55.1 82.7
63 34.1 30.4 45.6

Manual Integrations

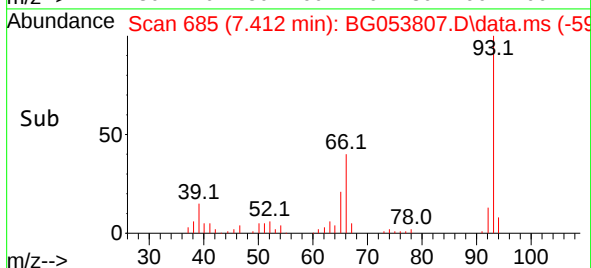
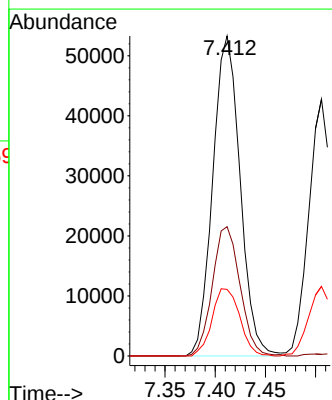
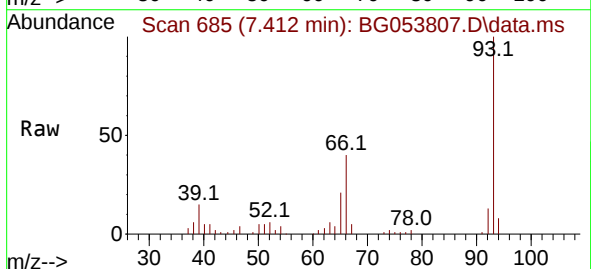
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#6
Aniline
Concen: 39.558 ng
RT: 7.412 min Scan# 685
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

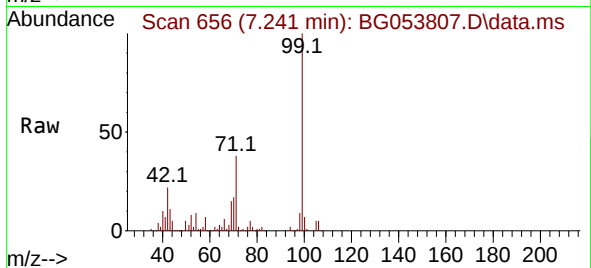
Tgt Ion: 93 Resp: 100969
Ion Ratio Lower Upper
93 100
66 40.4 32.9 49.3
65 20.8 17.8 26.8





#7
Phenol-d6
Concen: 129.293 ng
RT: 7.241 min Scan# 655
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

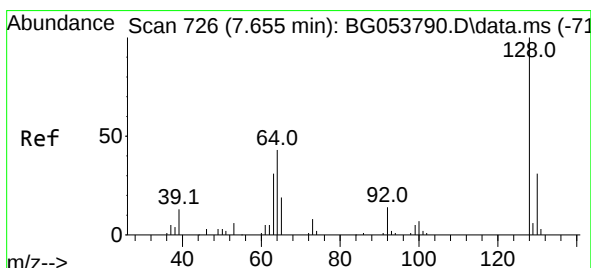
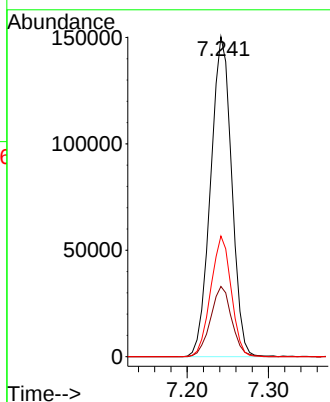
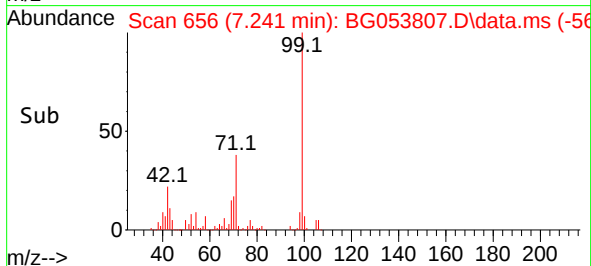
Instrument :
BNA_G
ClientSampleId :
PB145265BS



Tgt Ion: 99 Resp: 271150
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 37.7 33.8 50.8

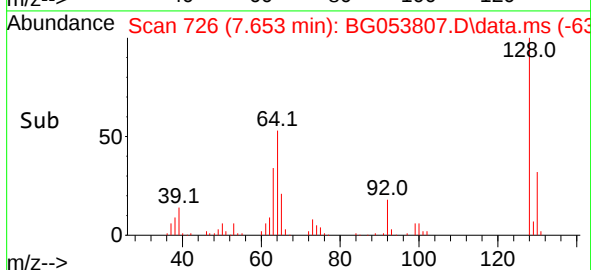
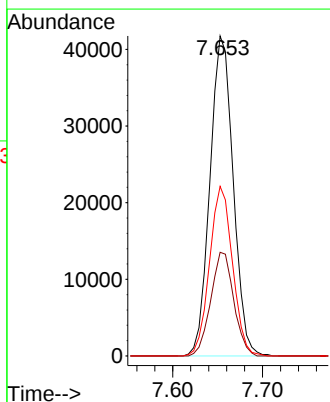
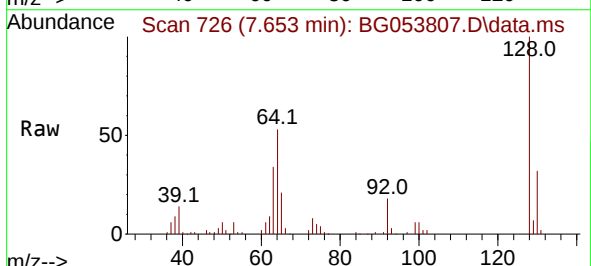
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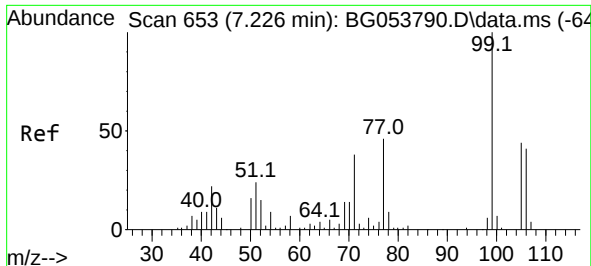
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#8
2-Chlorophenol
Concen: 47.295 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion:128 Resp: 74954
Ion Ratio Lower Upper
128 100
130 32.4 10.5 50.5
64 53.0 35.1 75.1





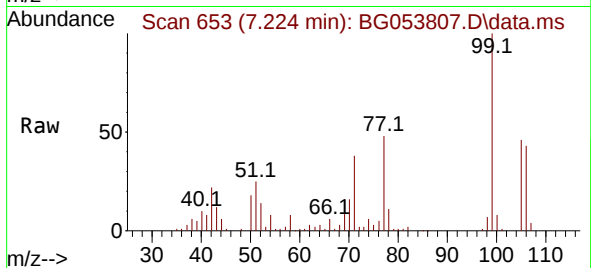
#9
Benzaldehyde
Concen: 32.743 ng
RT: 7.224 min Scan# 611
Delta R.T. -0.002 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

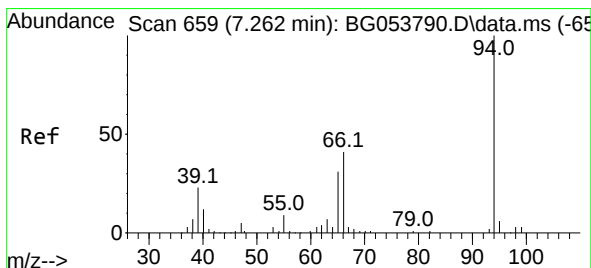
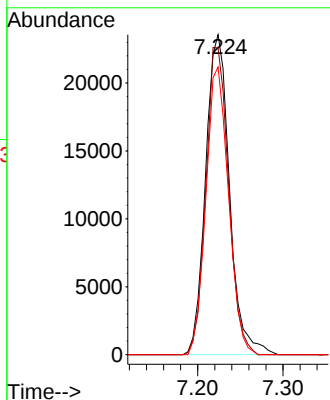
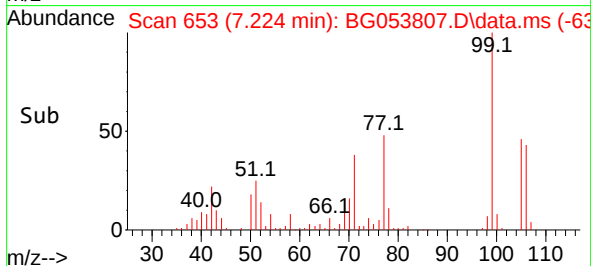


Tgt Ion: 77 Resp: 4578
Ion Ratio Lower Upper
77 100
105 95.9 59.6 99.6
106 89.9 56.8 96.8

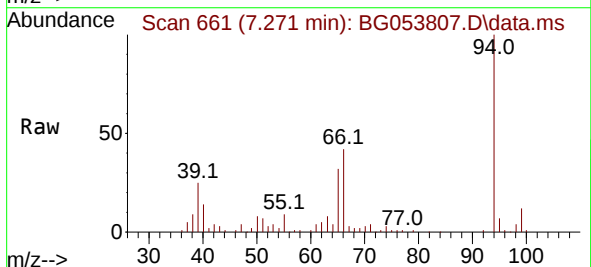
Manual Integrations

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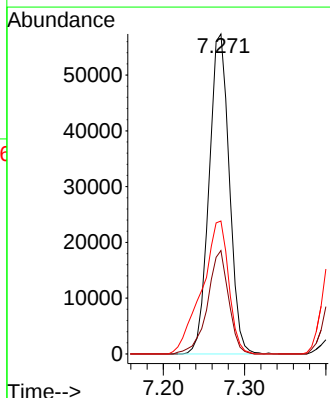
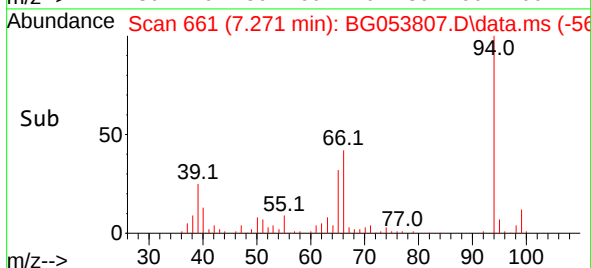
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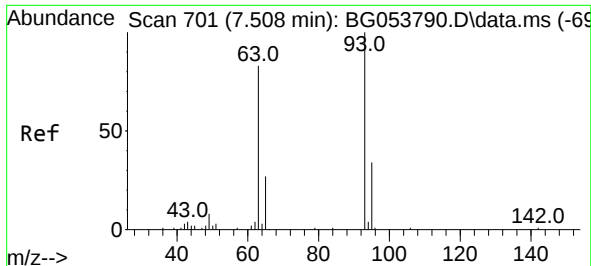


#10
Phenol
Concen: 45.657 ng
RT: 7.271 min Scan# 661
Delta R.T. 0.009 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion: 94 Resp: 98940
Ion Ratio Lower Upper
94 100
65 32.3 14.8 54.8
66 41.6 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 42.368 ng
RT: 7.506 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

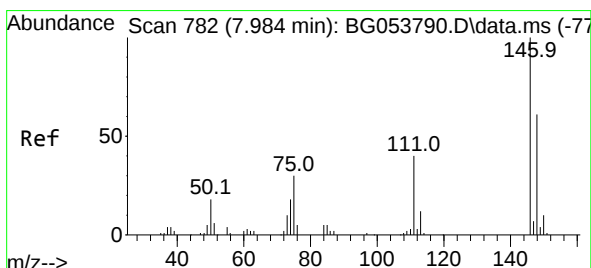
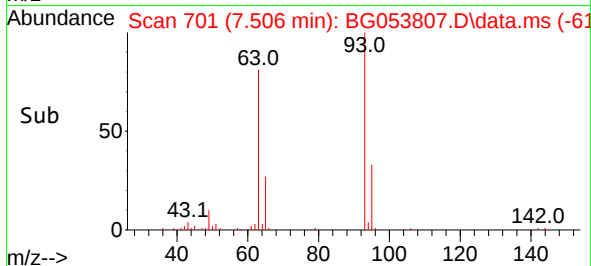
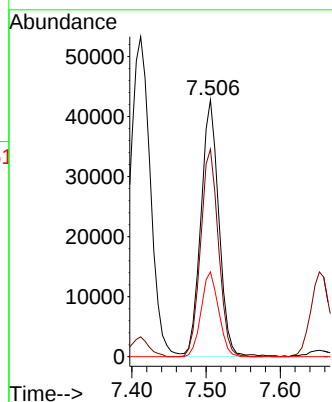
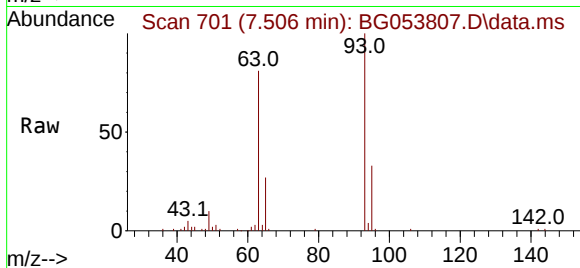
ClientSampleId :

PB145265BS

Tgt Ion: 93 Resp: 72214
Ion Ratio Lower Upper
93 100
63 80.8 63.6 103.6
95 33.0 10.1 50.1

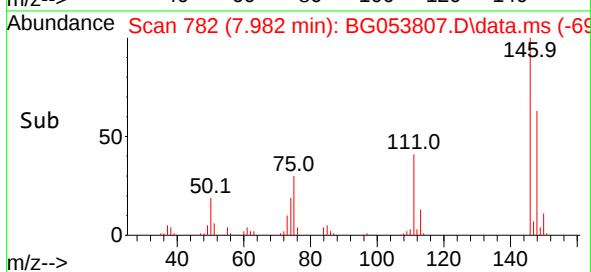
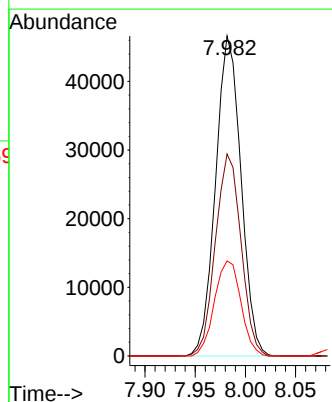
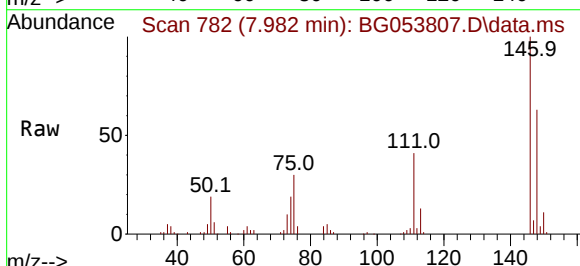
Manual Integrations
APPROVED

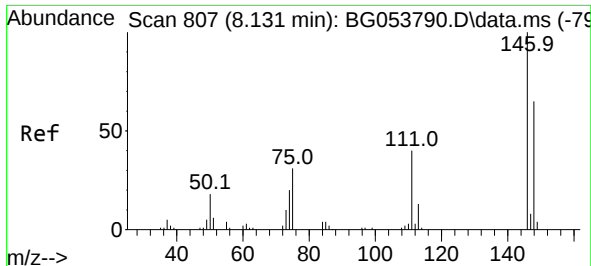
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#12
1,3-Dichlorobenzene
Concen: 40.701 ng
RT: 7.982 min Scan# 782
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

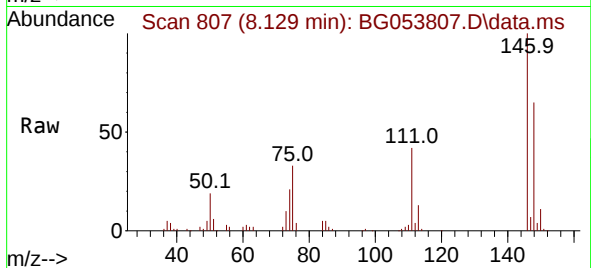
Tgt Ion:146 Resp: 82083
Ion Ratio Lower Upper
146 100
148 63.1 46.1 69.1
75 29.7 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 40.327 ng
RT: 8.129 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

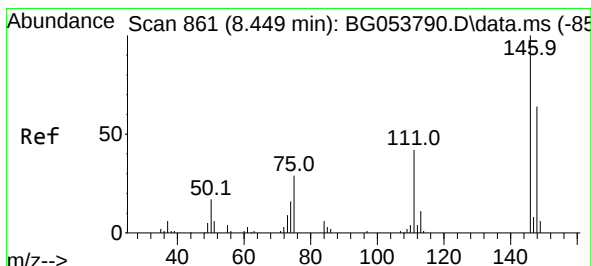
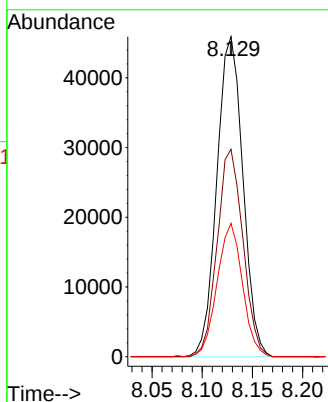
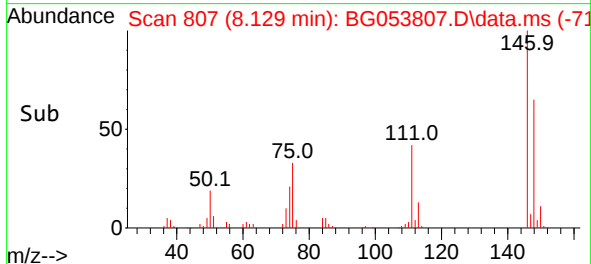
Instrument :
BNA_G
ClientSampleId :
PB145265BS



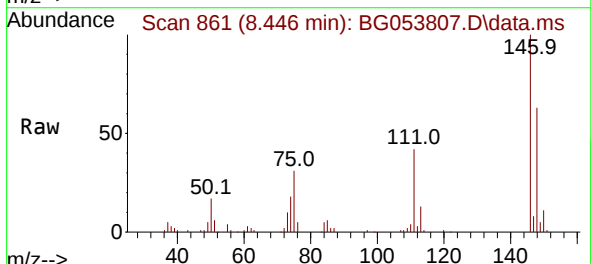
Tgt Ion:146 Resp: 82710
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 41.6 33.9 50.9

Manual Integrations
APPROVED

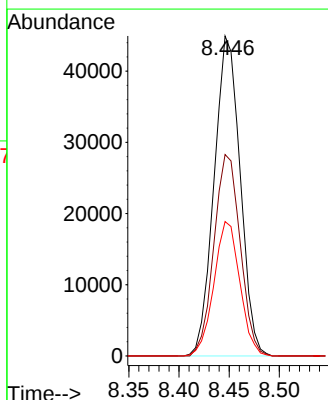
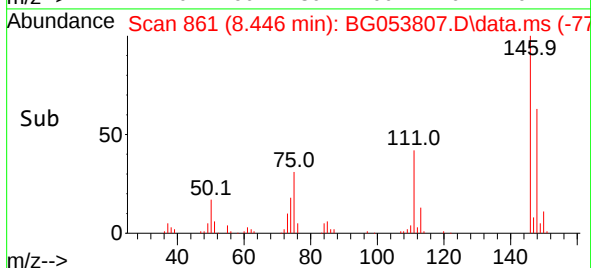
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

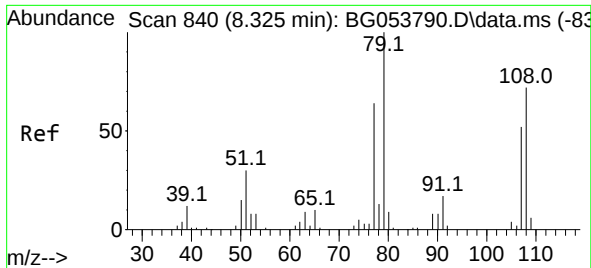


#14
1,2-Dichlorobenzene
Concen: 41.282 ng
RT: 8.446 min Scan# 861
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:146 Resp: 81114
Ion Ratio Lower Upper
146 100
148 63.0 52.6 78.8
111 42.0 34.5 51.7





#15
Benzyl Alcohol
Concen: 45.907 ng
RT: 8.323 min Scan# 840
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

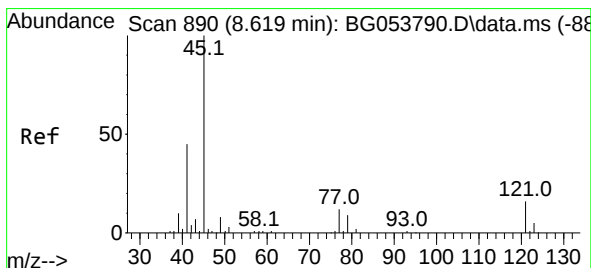
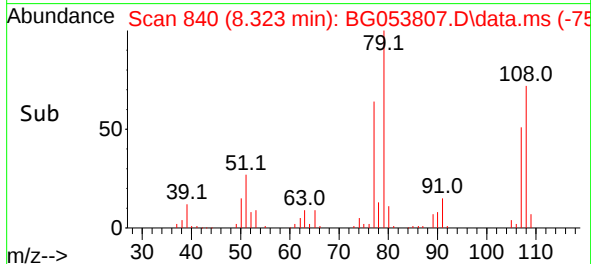
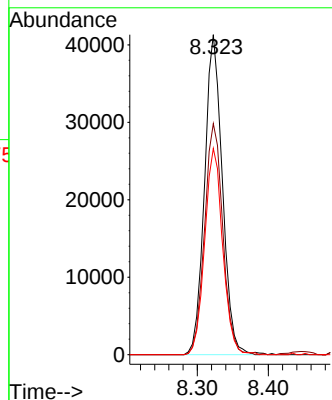
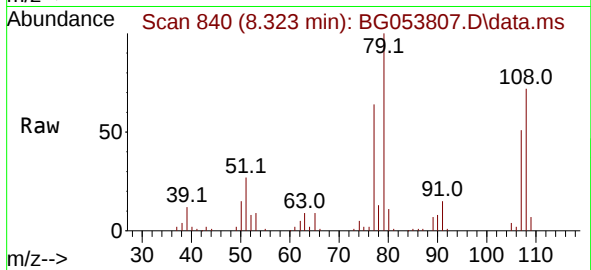
ClientSampleId :

PB145265BS

Tgt Ion: 79 Resp: 7206
Ion Ratio Lower Upper
79 100
108 72.2 53.7 80.5
77 64.5 52.2 78.4

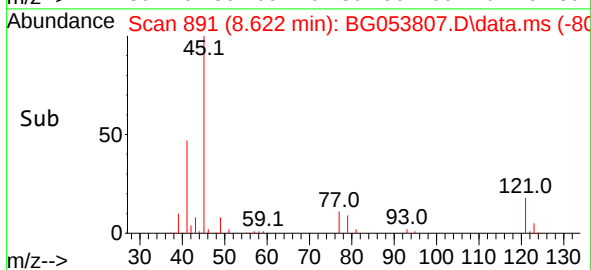
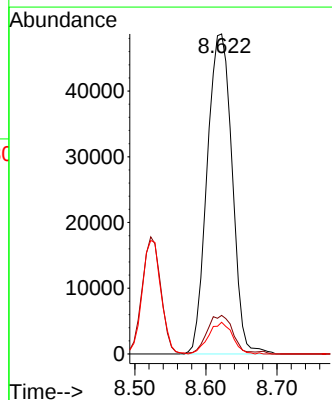
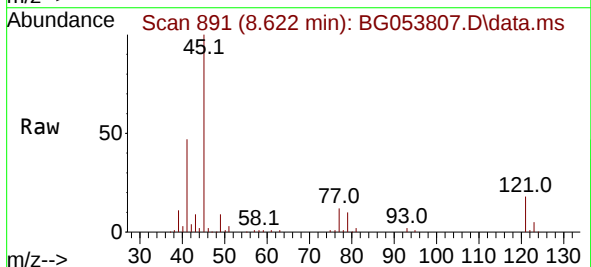
Manual Integrations
APPROVED

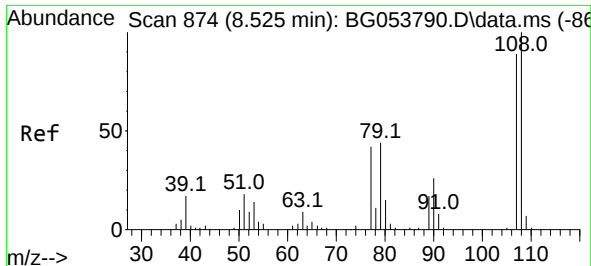
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.636 ng
RT: 8.622 min Scan# 891
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion: 45 Resp: 118529
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.7
79 9.9 0.0 29.7





#17

2-Methylphenol

Concen: 44.466 ng

RT: 8.522 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG053807.D

Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

Tgt Ion:107 Resp: 6586

Ion Ratio Lower Upper

107 100

108 111.5 85.4 128.0

77 49.5 46.2 69.2

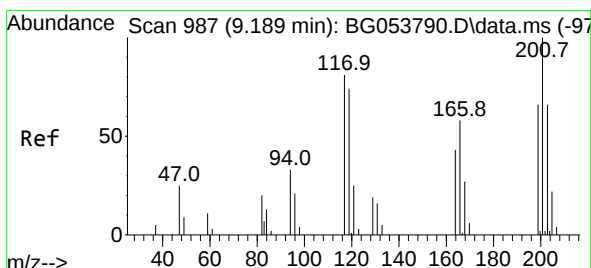
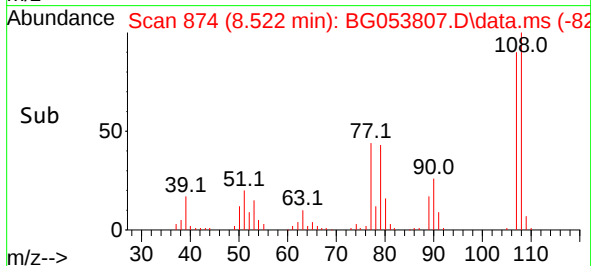
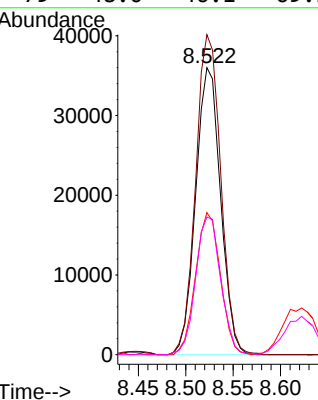
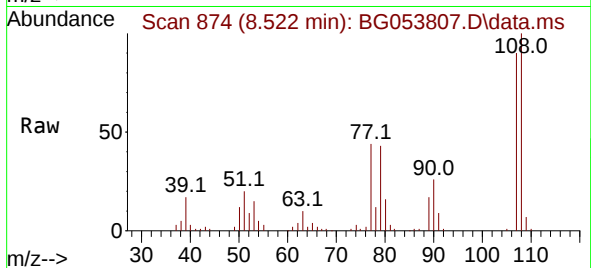
79 48.0 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#18

Hexachloroethane

Concen: 41.314 ng

RT: 9.180 min Scan# 986

Delta R.T. -0.008 min

Lab File: BG053807.D

Acq: 3 Jun 2022 10:57

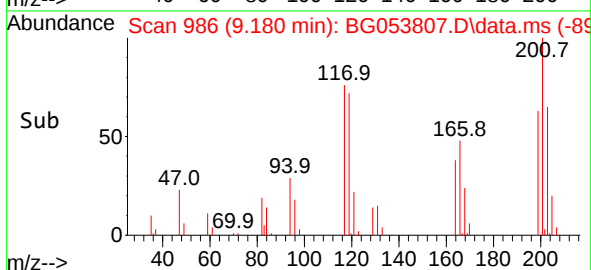
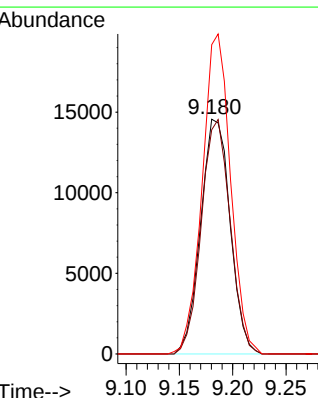
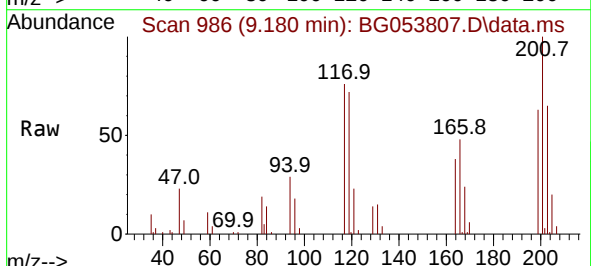
Tgt Ion:117 Resp: 28036

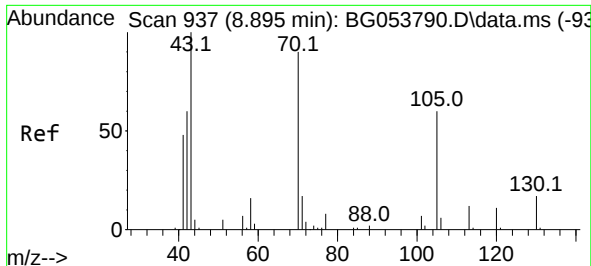
Ion Ratio Lower Upper

117 100

119 96.8 75.0 112.6

201 135.9 89.0 133.6#





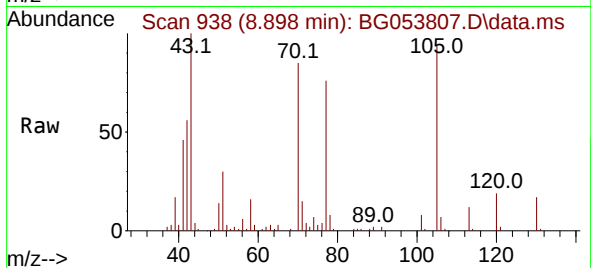
#19
n-Nitroso-di-n-propylamine
Concen: 41.475 ng
RT: 8.898 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

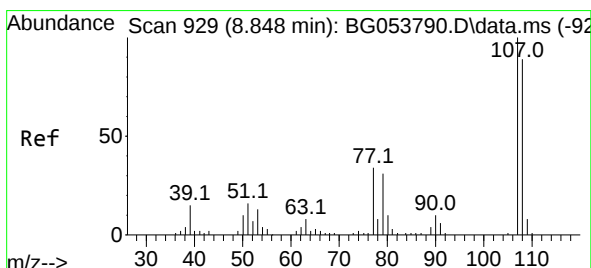
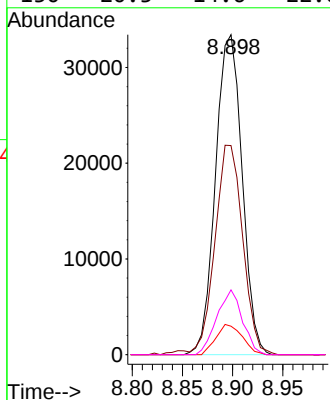
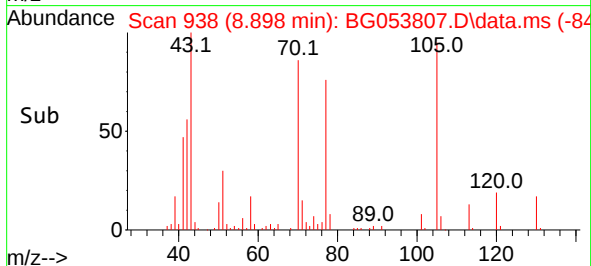


Tgt Ion: 70 Resp: 61604
Ion Ratio Lower Upper
70 100
42 65.3 47.3 70.9
101 8.9 7.0 10.4
130 20.3 14.6 22.0

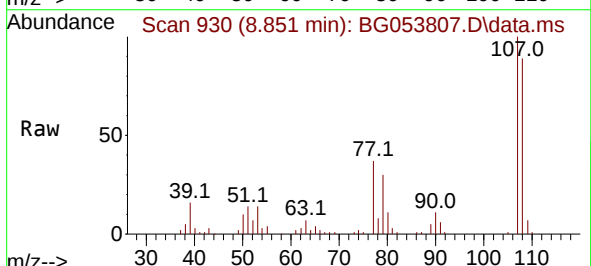
Manual Integrations

APPROVED

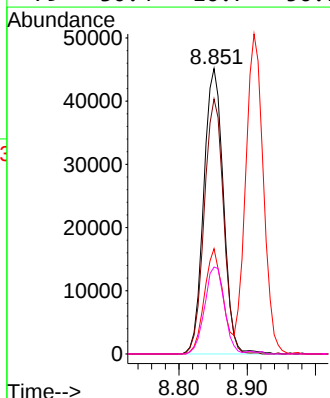
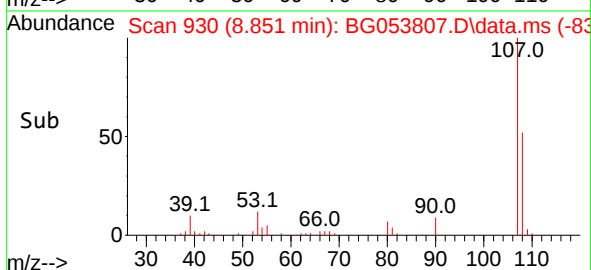
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

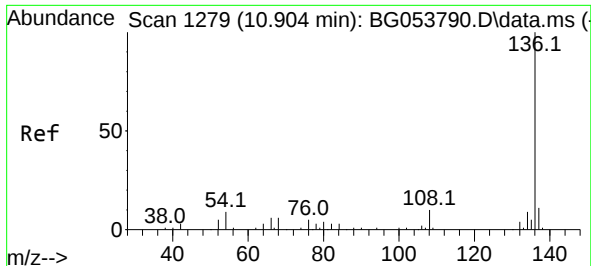


#20
3+4-Methylphenols
Concen: 45.005 ng
RT: 8.851 min Scan# 930
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:107 Resp: 90574
Ion Ratio Lower Upper
107 100
108 89.3 67.5 107.5
77 36.9 20.3 60.3
79 30.4 16.7 56.7





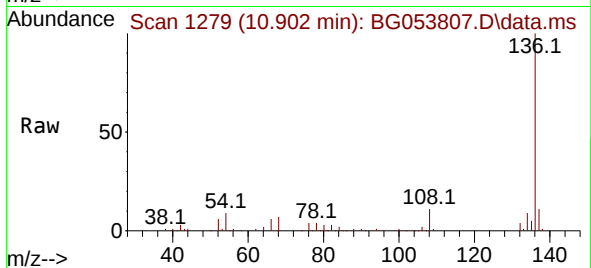
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 119684
Delta R.T. -0.002 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

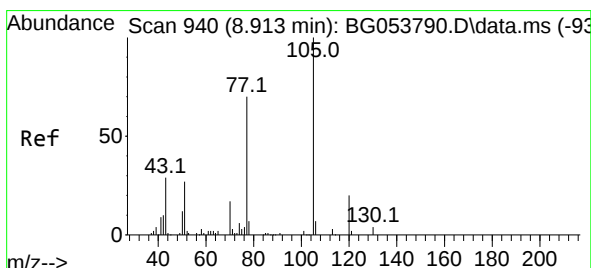
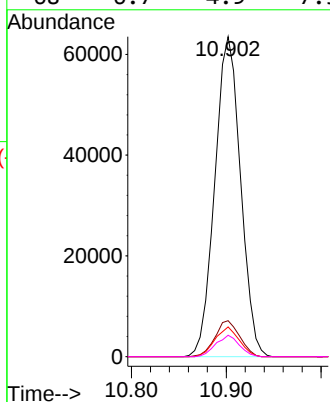
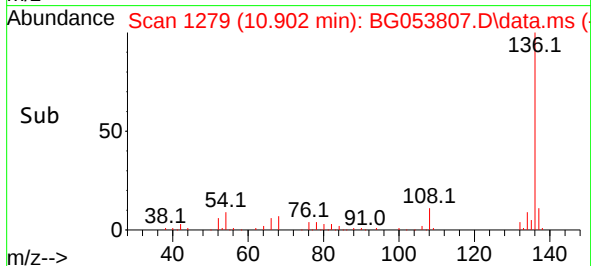


Tgt Ion:136 Resp: 119684
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.3 7.4 11.2
68 6.7 4.9 7.3

Manual Integrations

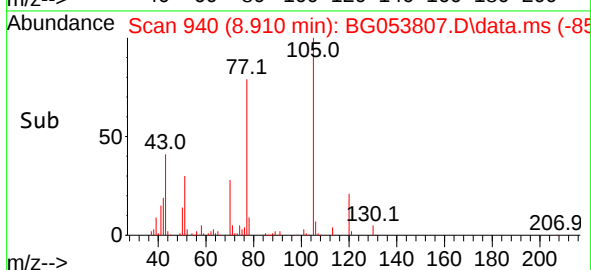
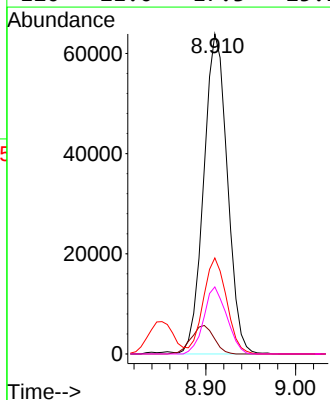
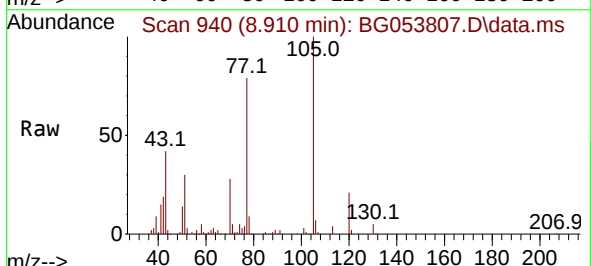
APPROVED

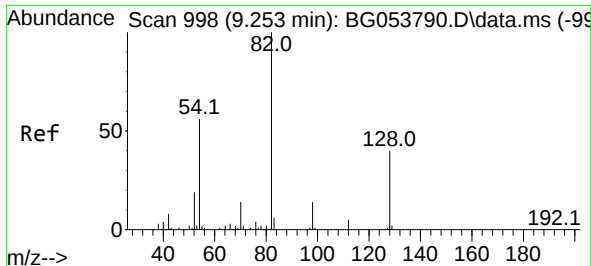
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#22
Acetophenone
Concen: 39.459 ng
RT: 8.910 min Scan# 940
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

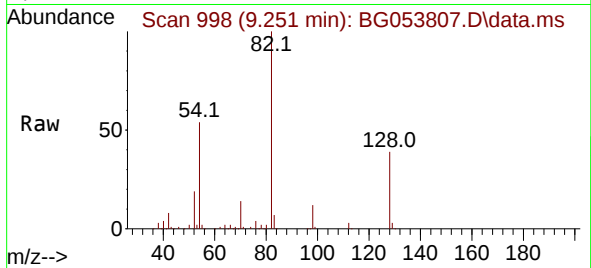
Tgt Ion:105 Resp: 116616
Ion Ratio Lower Upper
105 100
71 4.7 1.1 1.7#
51 30.0 25.4 38.0
120 21.0 17.3 25.9





#23
Nitrobenzene-d5
Concen: 94.291 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

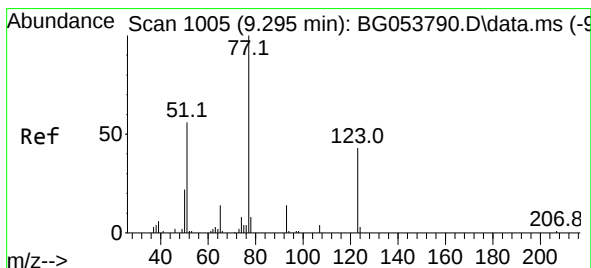
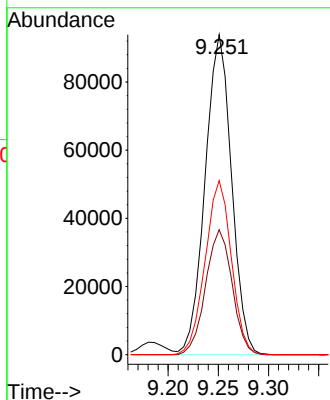
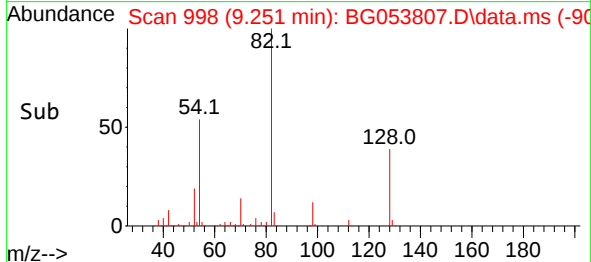
Instrument :
BNA_G
ClientSampleId :
PB145265BS



Tgt Ion: 82 Resp: 17185
Ion Ratio Lower Upper
82 100
128 39.0 27.9 41.9
54 54.4 41.2 61.8

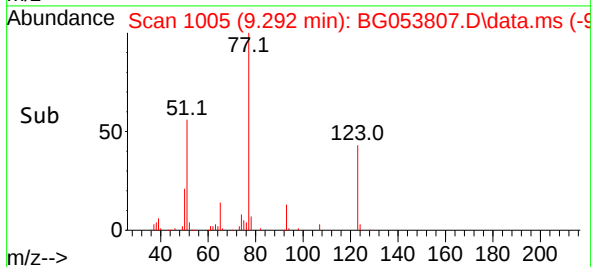
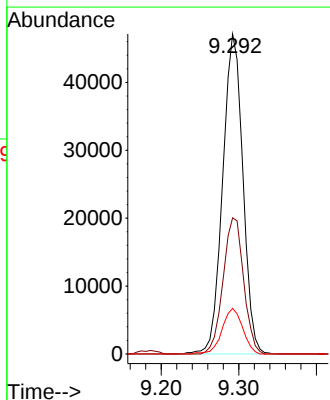
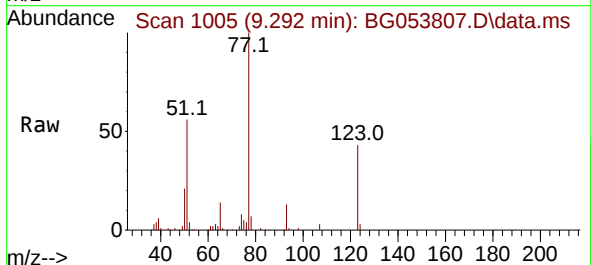
Manual Integrations
APPROVED

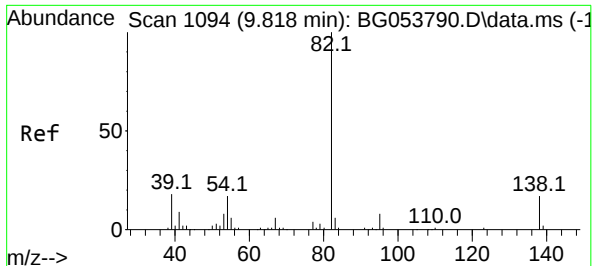
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#24
Nitrobenzene
Concen: 42.520 ng
RT: 9.292 min Scan# 1005
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

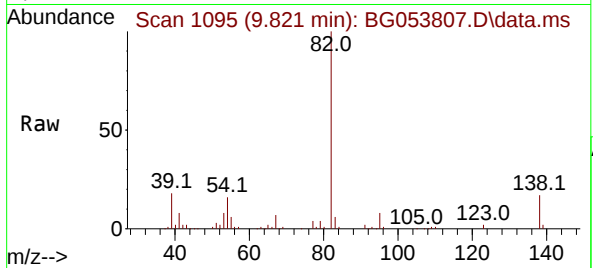
Tgt Ion: 77 Resp: 85401
Ion Ratio Lower Upper
77 100
123 42.6 27.4 41.0#
65 14.3 11.4 17.0





#25
Isophorone
Concen: 41.663 ng
RT: 9.821 min Scan# 1094
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

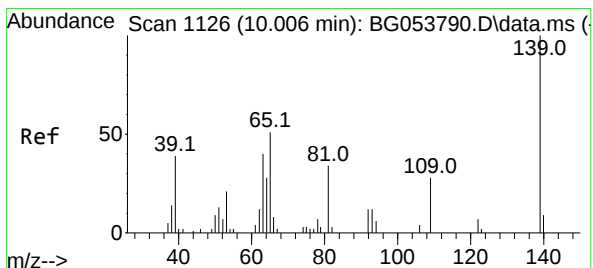
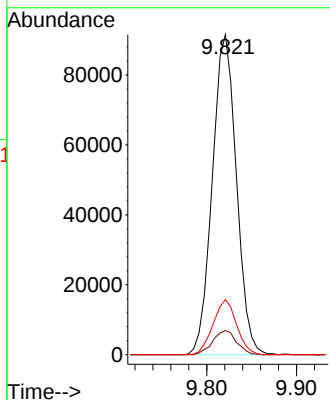
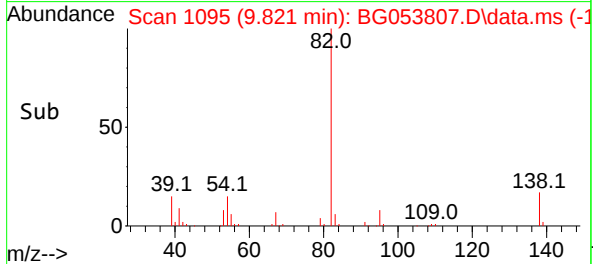
Instrument :
BNA_G
ClientSampleId :
PB145265BS



Tgt Ion: 82 Resp: 170192
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 17.2 11.6 17.4

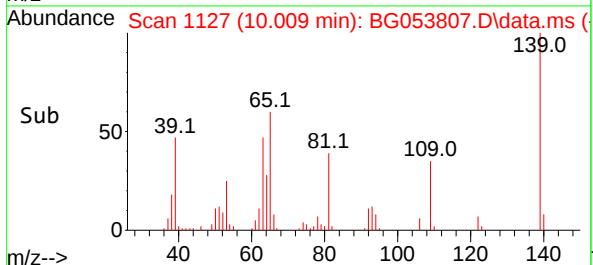
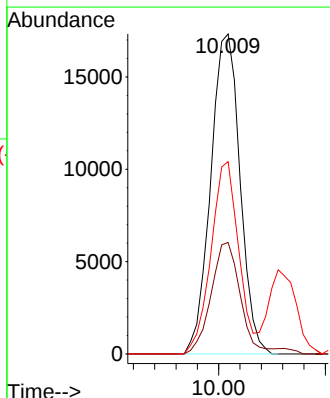
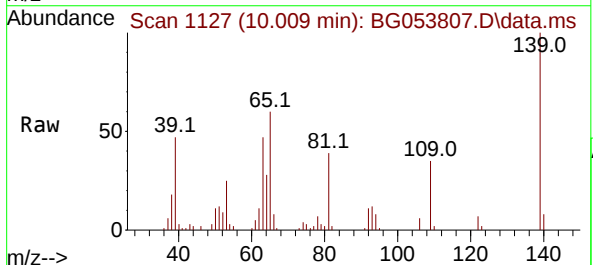
Manual Integrations
APPROVED

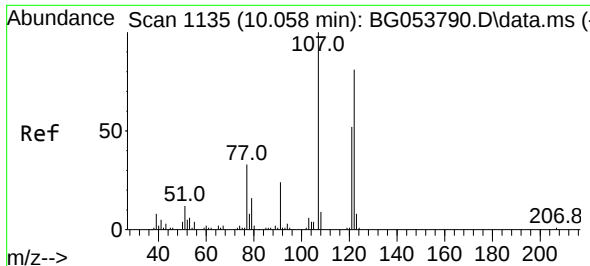
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#26
2-Nitrophenol
Concen: 49.991 ng
RT: 10.009 min Scan# 1127
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

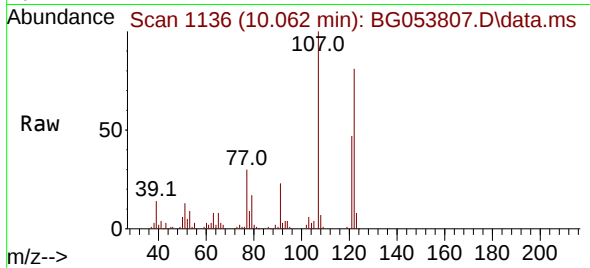
Tgt Ion:139 Resp: 33069
Ion Ratio Lower Upper
139 100
109 34.8 36.1 54.1#
65 60.1 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 49.688 ng
RT: 10.062 min Scan# 1136
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

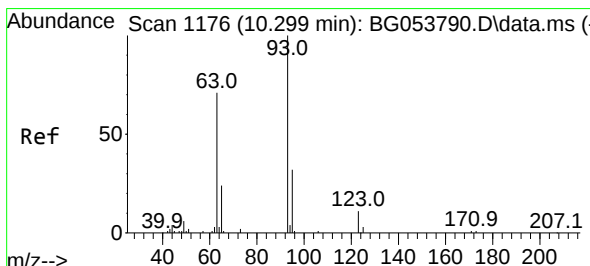
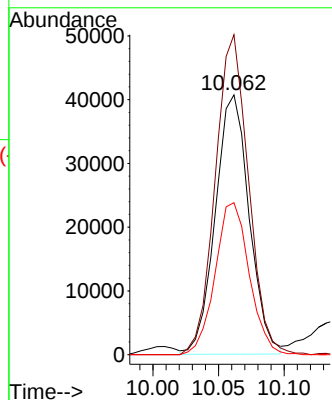
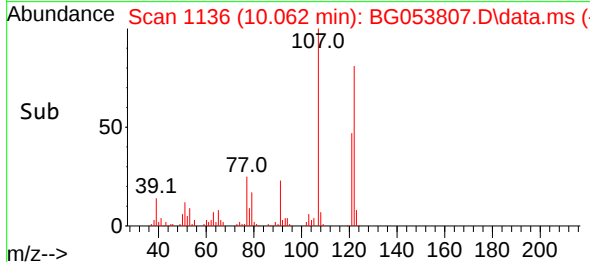
Instrument :
BNA_G
ClientSampleId :
PB145265BS



Tgt Ion:122 Resp: 72968
Ion Ratio Lower Upper
122 100
107 123.1 109.4 164.0
121 58.5 48.7 73.1

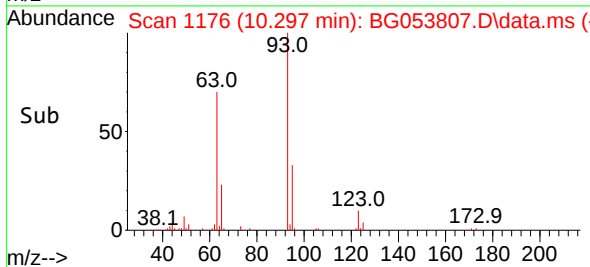
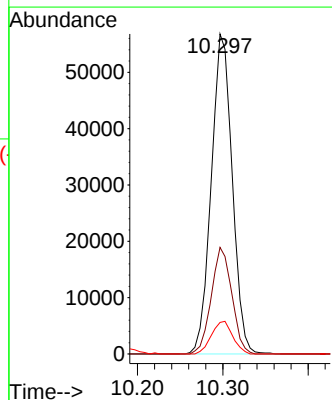
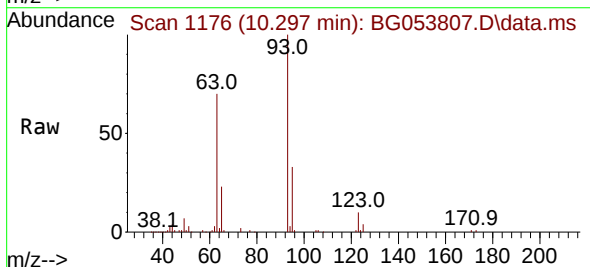
Manual Integrations
APPROVED

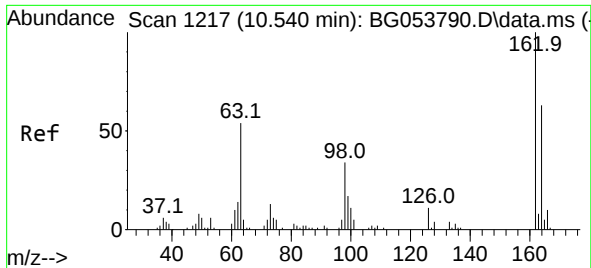
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.669 ng
RT: 10.297 min Scan# 1176
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion: 93 Resp: 96936
Ion Ratio Lower Upper
93 100
95 33.3 26.9 40.3
123 9.8 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 46.884 ng
RT: 10.543 min Scan# 1217
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

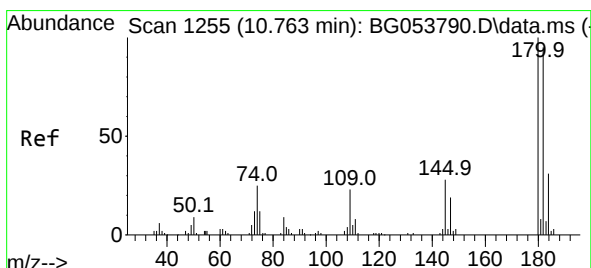
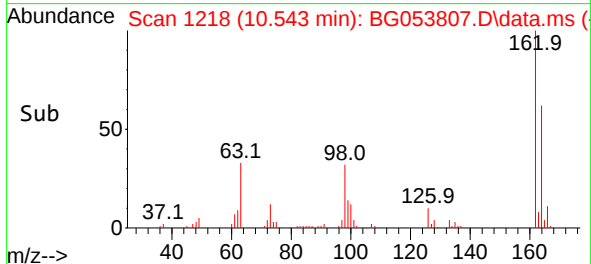
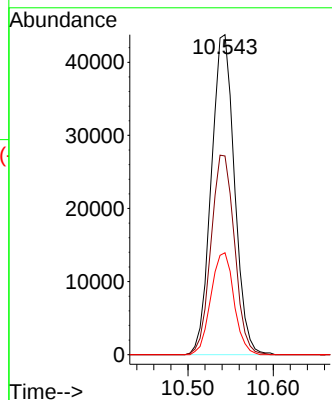
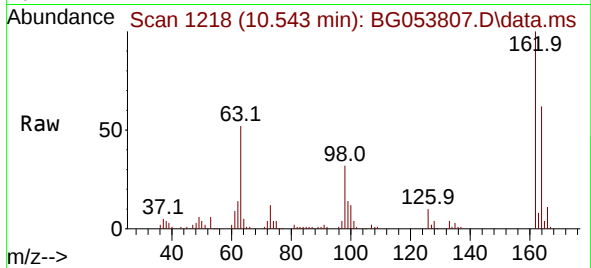
PB145265BS

Tgt Ion:162 Resp: 82694
Ion Ratio Lower Upper
162 100
164 62.1 46.6 86.6
98 31.9 22.8 62.8

Manual Integrations

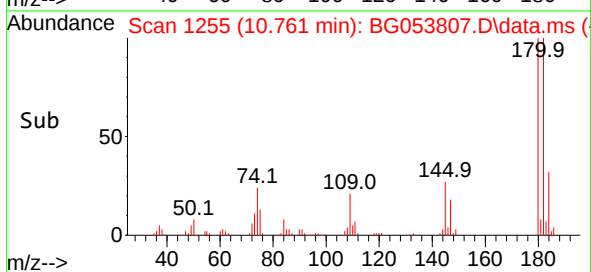
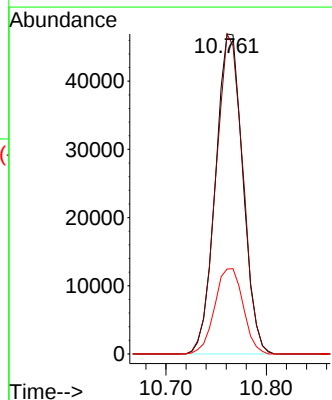
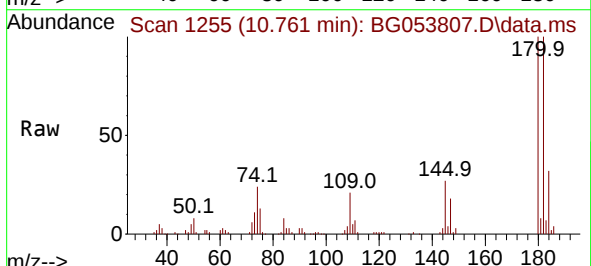
APPROVED

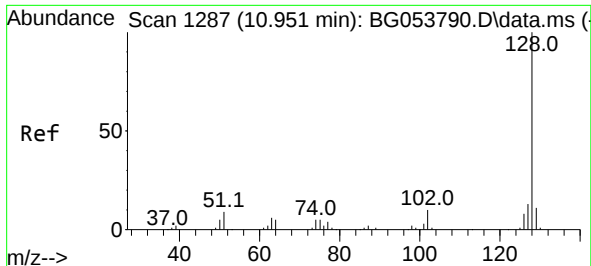
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#30
1,2,4-Trichlorobenzene
Concen: 39.652 ng
RT: 10.761 min Scan# 1255
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

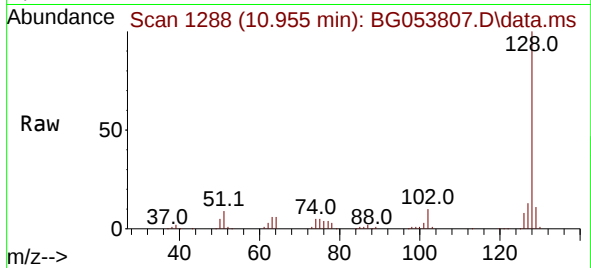
Tgt Ion:180 Resp: 88519
Ion Ratio Lower Upper
180 100
182 99.9 76.6 115.0
145 26.6 25.0 37.4





#31
Naphthalene
Concen: 37.988 ng
RT: 10.955 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

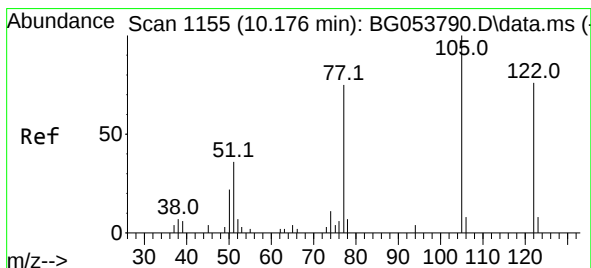
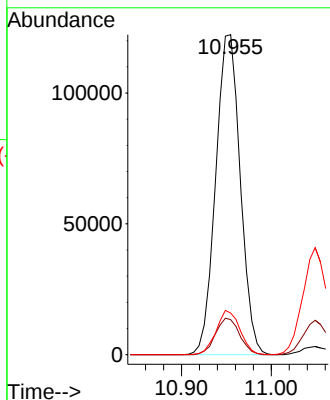
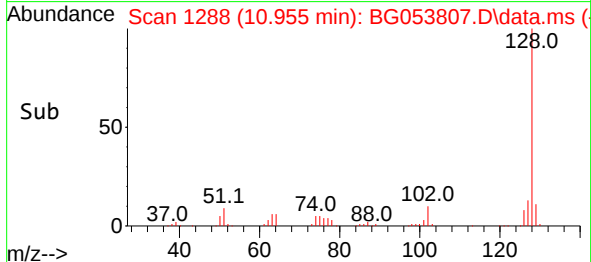
Instrument :
BNA_G
ClientSampleId :
PB145265BS



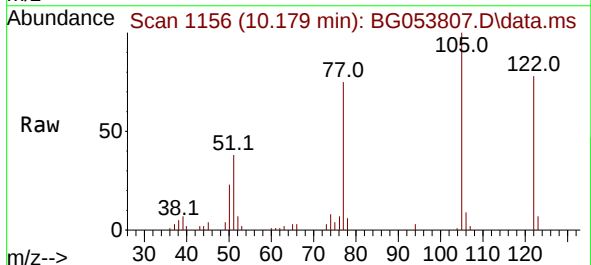
Tgt Ion:128 Resp: 232690
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 11.1 16.7

Manual Integrations
APPROVED

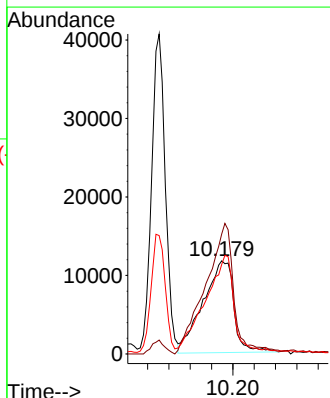
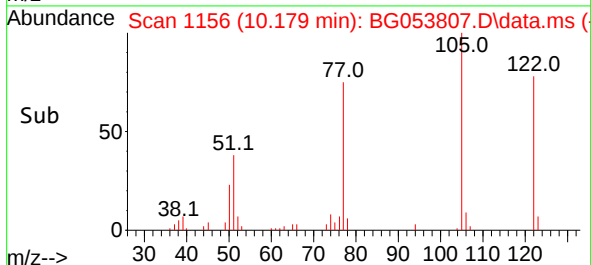
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

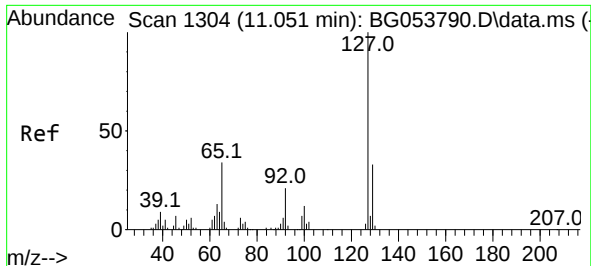


#32
Benzoic acid
Concen: 49.875 ng
RT: 10.179 min Scan# 1156
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:122 Resp: 46882
Ion Ratio Lower Upper
122 100
105 128.9 111.8 151.8
77 96.1 109.4 149.4#





#33
4-Chloroaniline
Concen: 30.231 ng
RT: 11.049 min Scan# 11049
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

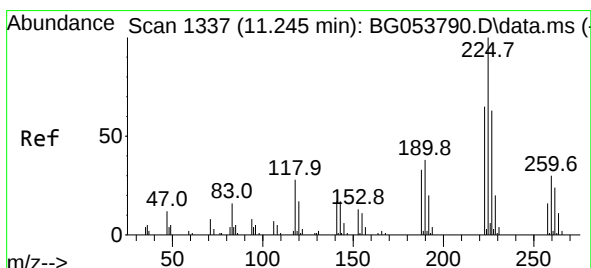
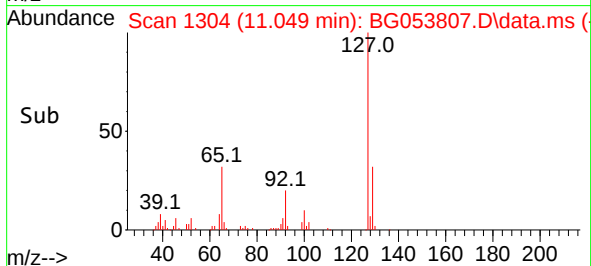
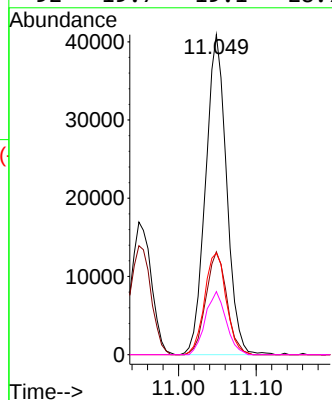
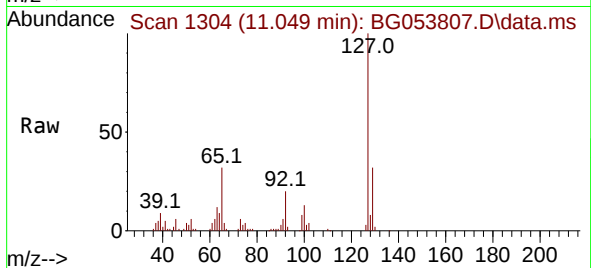
PB145265BS

Tgt Ion:127 Resp: 7677
Ion Ratio Lower Upper
127 100
129 32.2 26.3 39.5
65 31.7 31.1 46.7
92 19.7 19.1 28.7

Manual Integrations

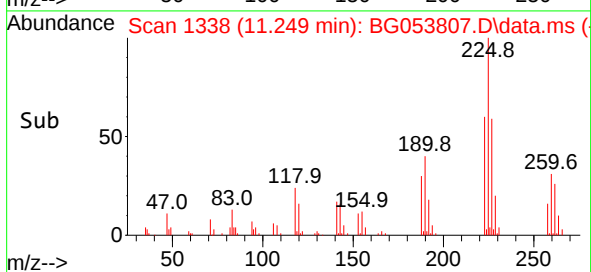
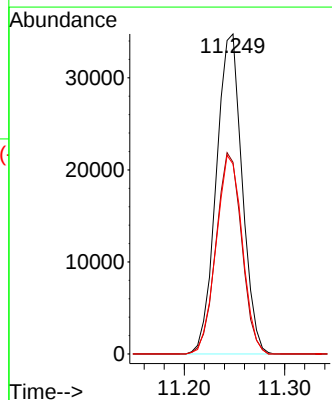
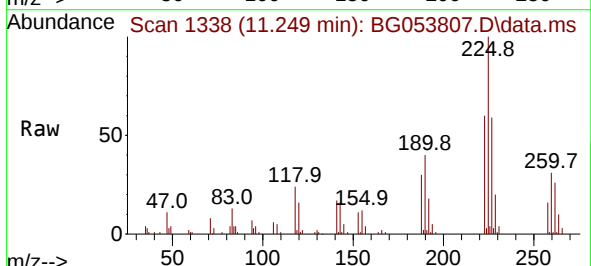
APPROVED

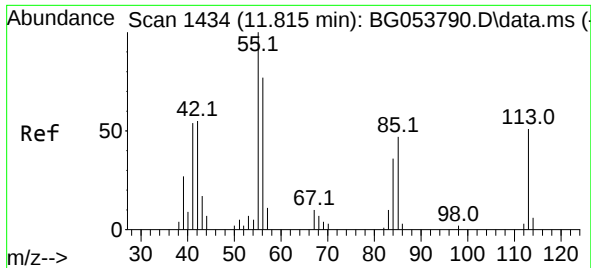
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#34
Hexachlorobutadiene
Concen: 39.351 ng
RT: 11.249 min Scan# 1338
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

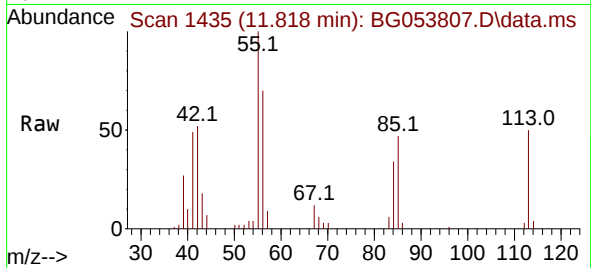
Tgt Ion:225 Resp: 62236
Ion Ratio Lower Upper
225 100
223 57.6 48.9 73.3
227 60.4 52.8 79.2





#35
Caprolactam
Concen: 50.373 ng m
RT: 11.818 min Scan# 1434
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

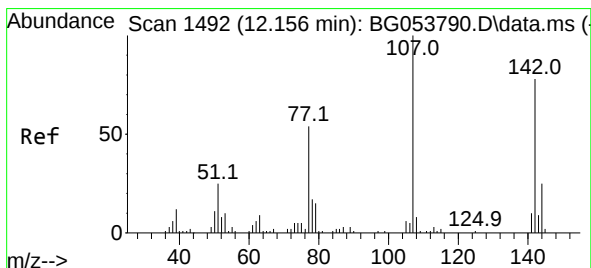
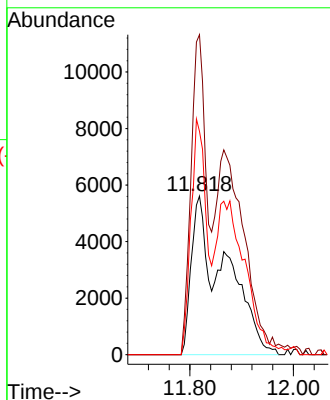
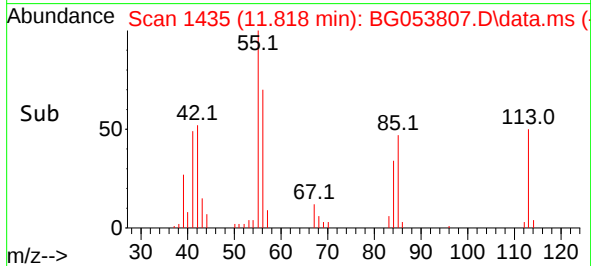
Instrument :
BNA_G
ClientSampleId :
PB145265BS



Tgt Ion:113 Resp: 2539
Ion Ratio Lower Upper
113 100
55 201.9 169.8 209.8
56 140.9 141.2 181.2

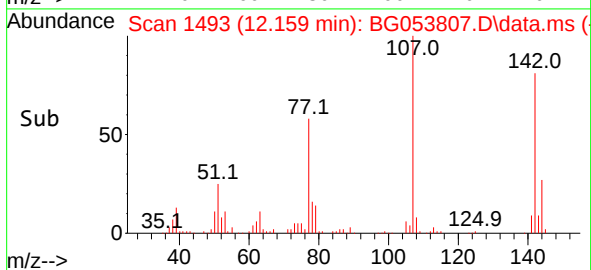
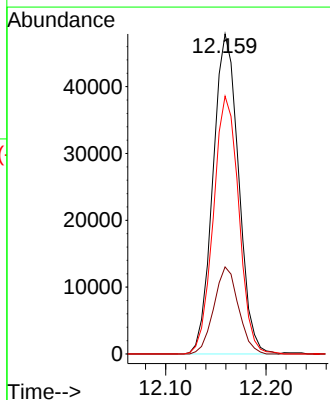
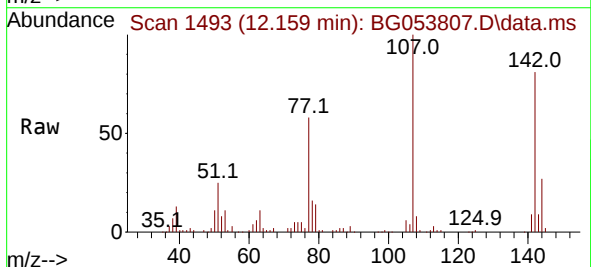
Manual Integrations
APPROVED

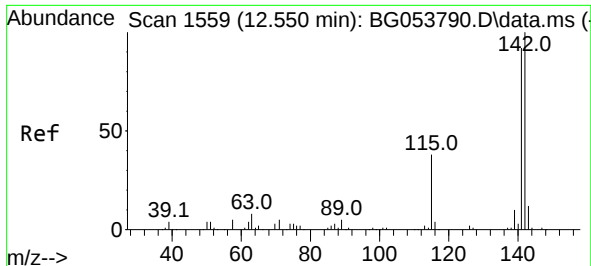
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#36
4-Chloro-3-methylphenol
Concen: 45.196 ng
RT: 12.159 min Scan# 1493
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion:107 Resp: 84843
Ion Ratio Lower Upper
107 100
144 27.2 18.5 27.7
142 80.6 55.0 82.4





#37

2-Methylnaphthalene

Concen: 38.360 ng

RT: 12.547 min Scan# 1559

Delta R.T. -0.003 min

Lab File: BG053807.D

Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

Tgt Ion:142 Resp: 17046

Ion Ratio Lower Upper

142 100

141 92.8 72.3 108.5

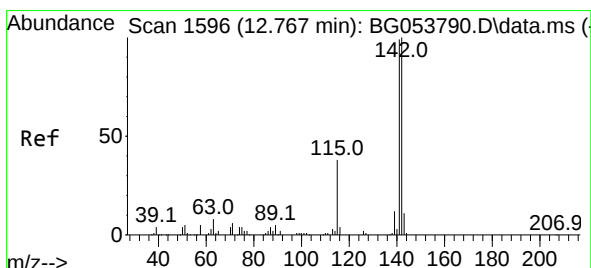
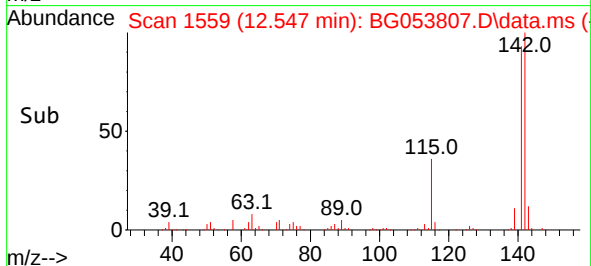
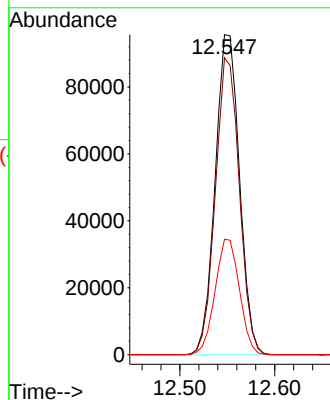
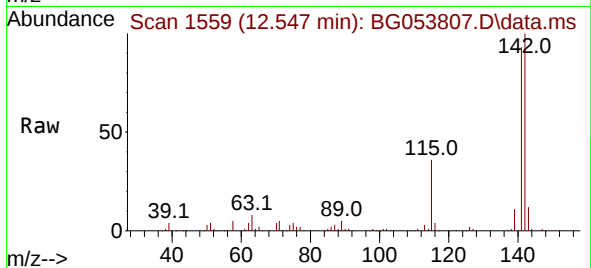
115 36.1 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#38

1-Methylnaphthalene

Concen: 37.767 ng

RT: 12.770 min Scan# 1597

Delta R.T. 0.003 min

Lab File: BG053807.D

Acq: 3 Jun 2022 10:57

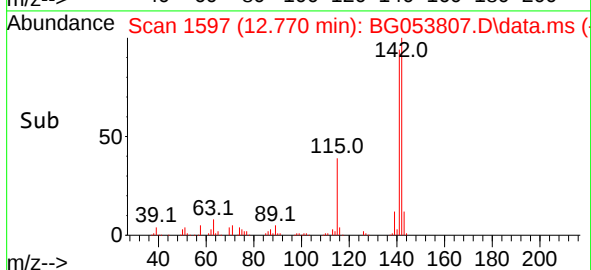
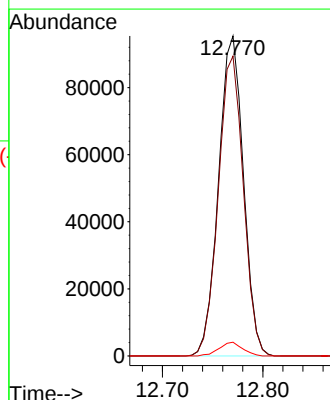
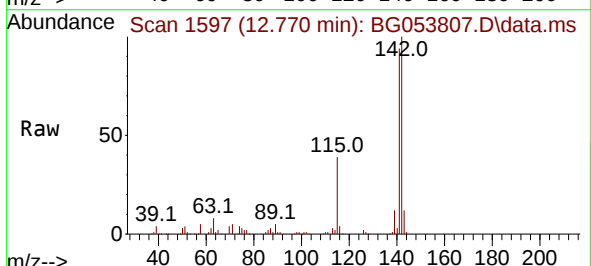
Tgt Ion:142 Resp: 164117

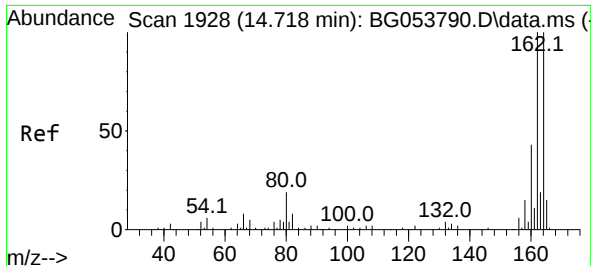
Ion Ratio Lower Upper

142 100

141 93.7 76.4 114.6

116 4.3 3.3 4.9





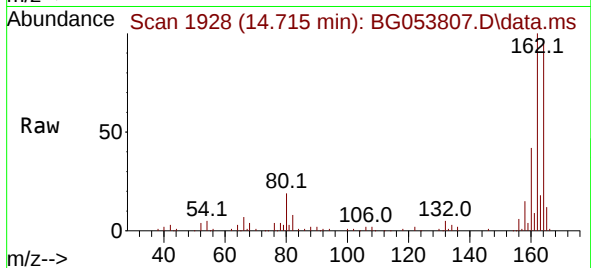
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

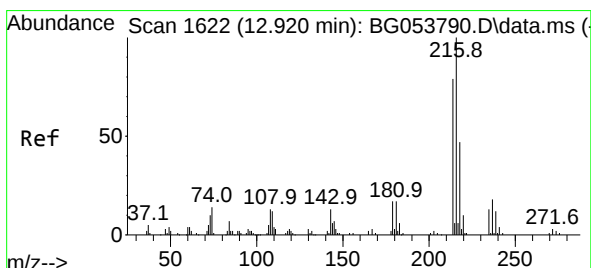
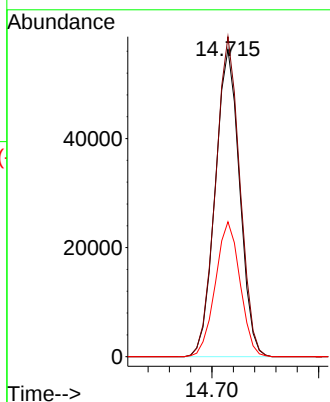
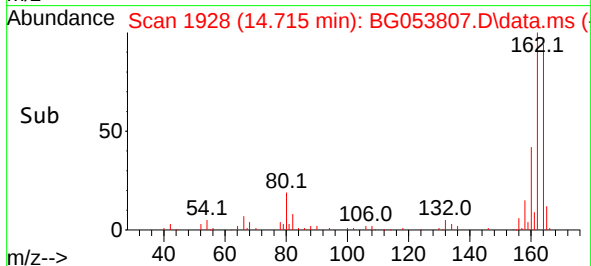


Tgt Ion:164 Resp: 89460
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 43.9 34.2 51.2

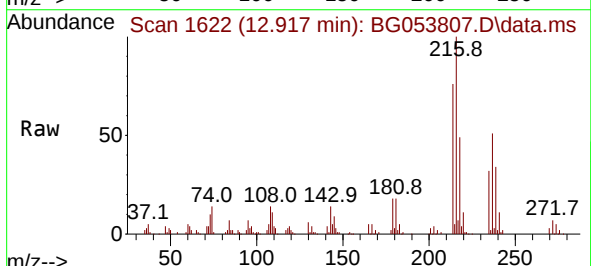
Manual Integrations

APPROVED

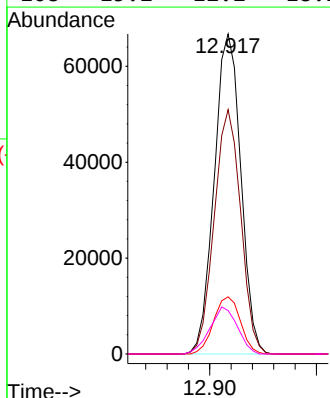
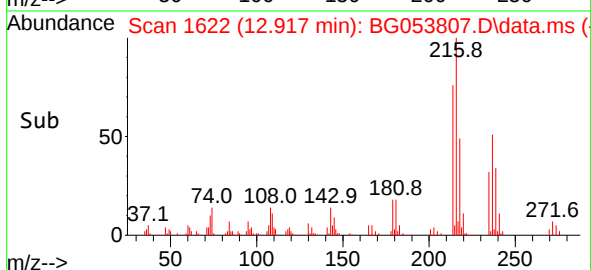
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

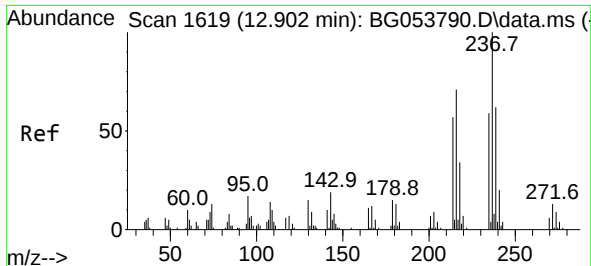


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.411 ng
RT: 12.917 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



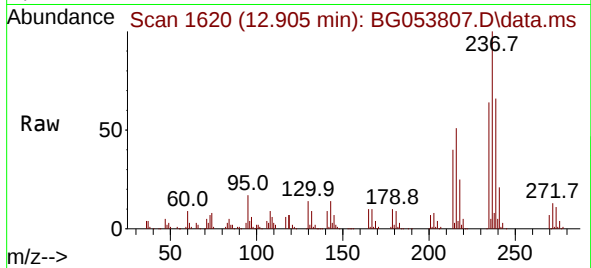
Tgt Ion:216 Resp: 115396
Ion Ratio Lower Upper
216 100
214 76.1 62.9 94.3
179 18.0 16.1 24.1
108 15.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 85.466 ng
RT: 12.905 min Scan# 1620
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

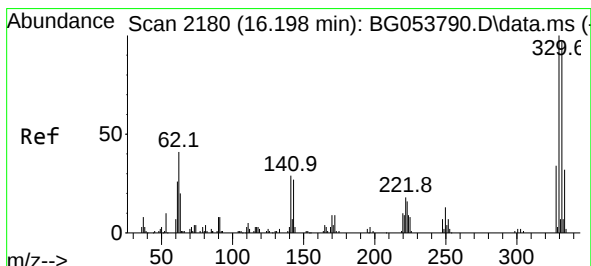
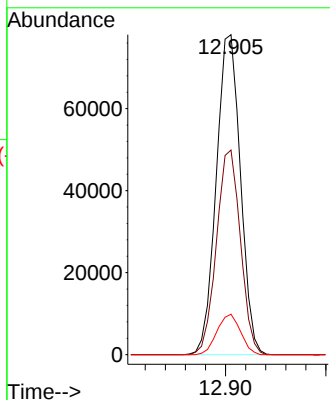
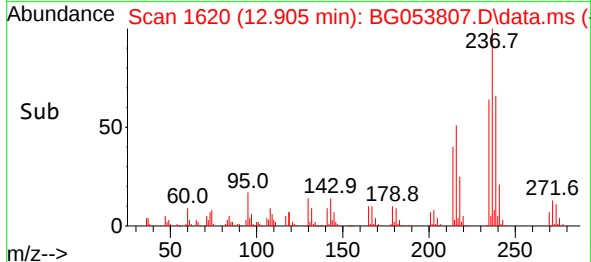
Instrument :
BNA_G
ClientSampleId :
PB145265BS



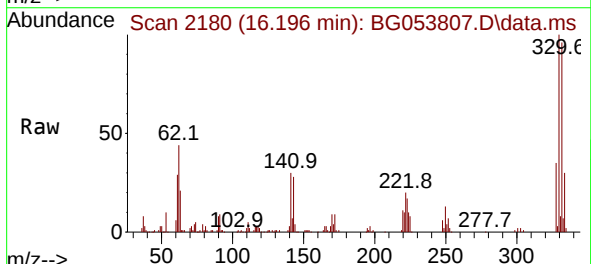
Tgt Ion:237 Resp: 13051
Ion Ratio Lower Upper
237 100
235 63.9 43.5 83.5
272 12.7 0.0 30.1

Manual Integrations
APPROVED

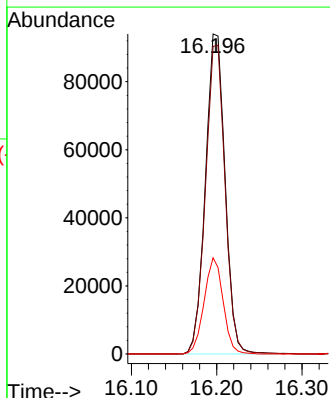
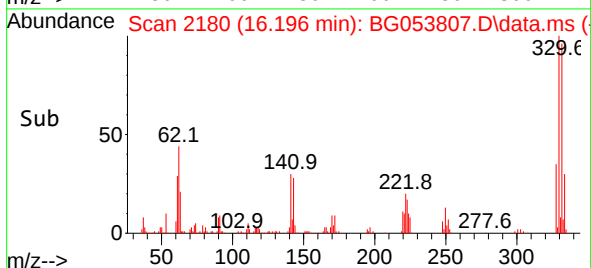
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

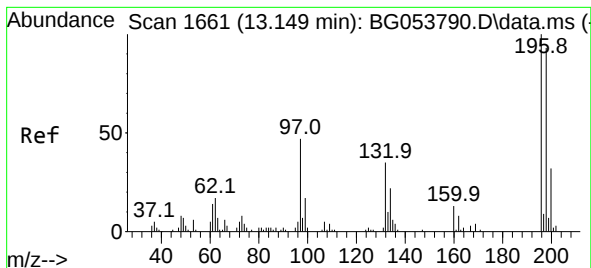


#42
2,4,6-Tribromophenol
Concen: 138.660 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



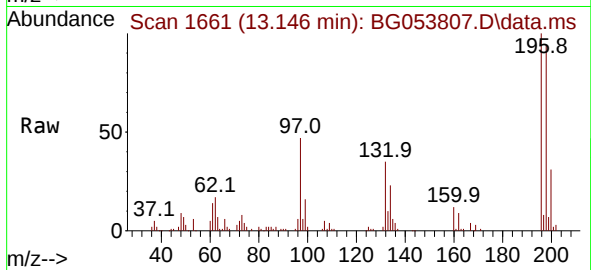
Tgt Ion:330 Resp: 150584
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 29.0 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 45.852 ng
RT: 13.146 min Scan# 1661
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

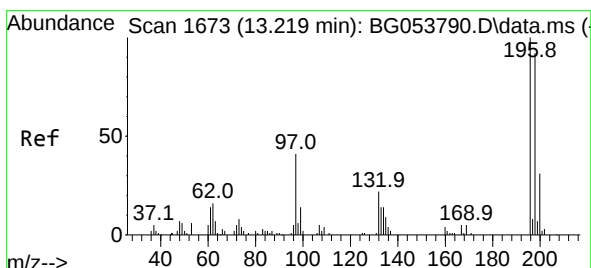
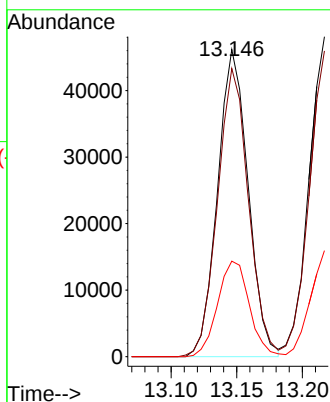
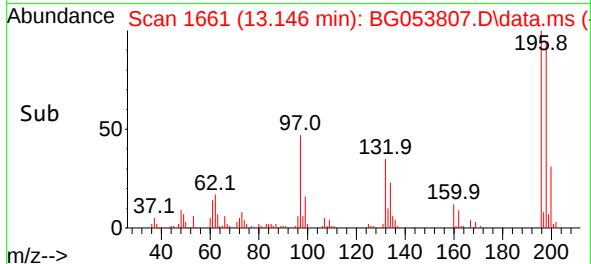
Instrument :
BNA_G
ClientSampleId :
PB145265BS



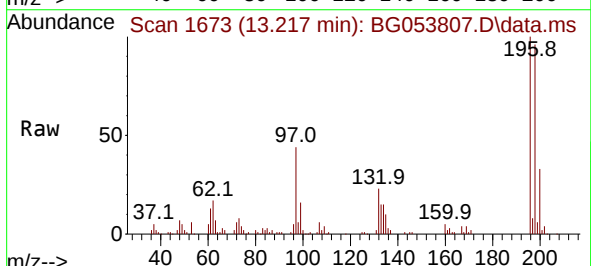
Tgt Ion:196 Resp: 7470
Ion Ratio Lower Upper
196 100
198 93.8 74.1 111.1
200 31.1 24.7 37.1

Manual Integrations
APPROVED

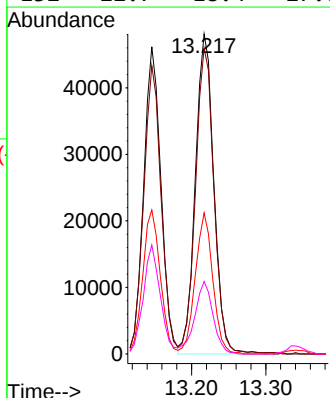
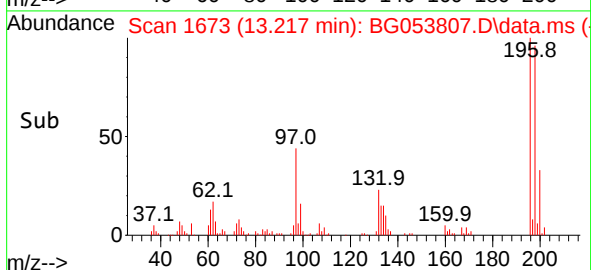
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

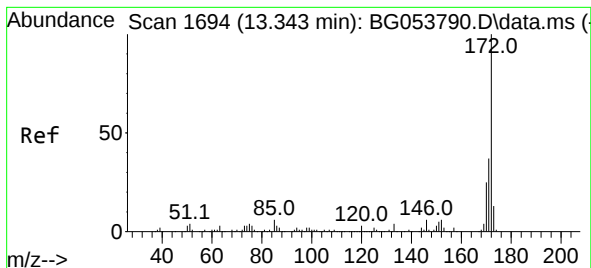


#44
2,4,5-Trichlorophenol
Concen: 45.885 ng
RT: 13.217 min Scan# 1673
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:196 Resp: 83183
Ion Ratio Lower Upper
196 100
198 95.5 76.8 115.2
97 44.1 39.8 59.6
132 22.7 18.4 27.6





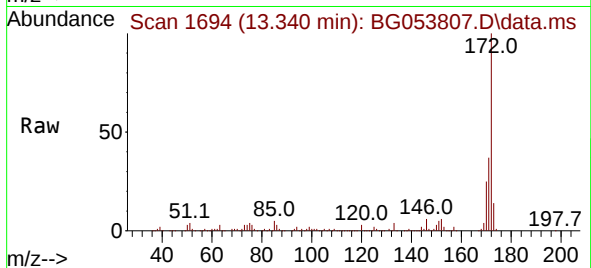
#45
2-Fluorobiphenyl
Concen: 76.621 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

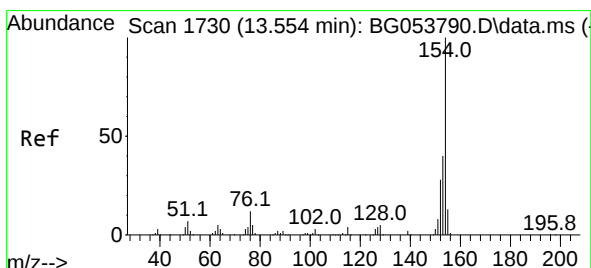
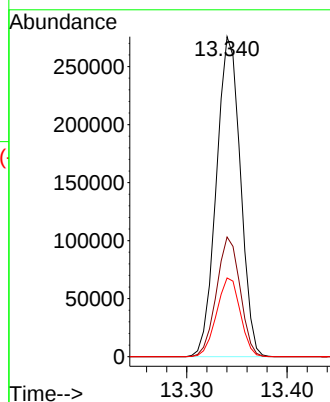
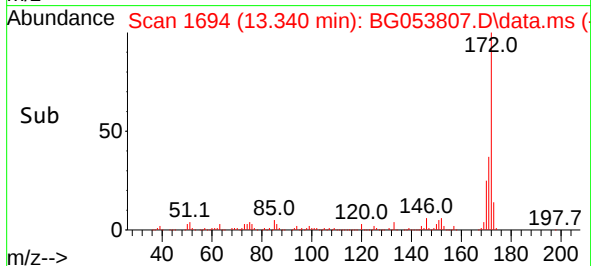


Tgt Ion:172 Resp: 458215
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 24.6 18.9 28.3

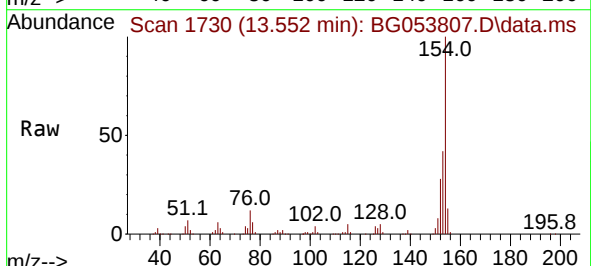
Manual Integrations

APPROVED

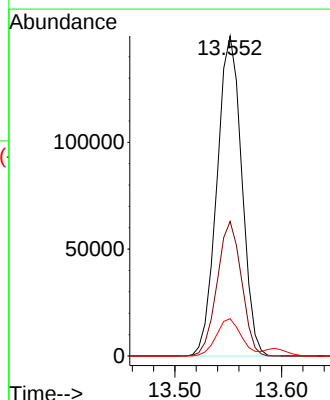
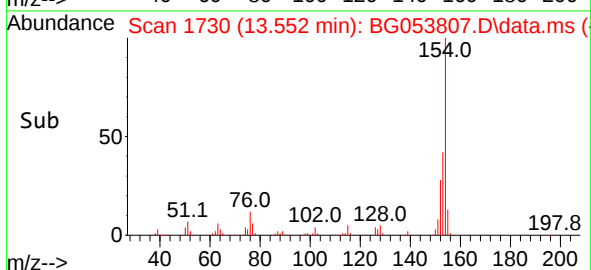
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

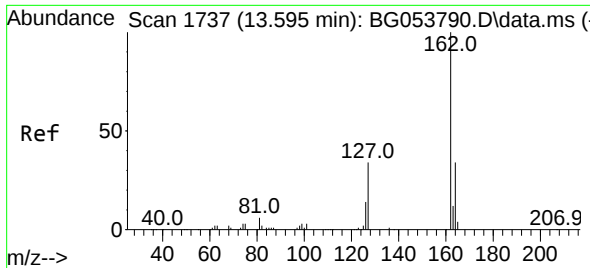


#46
1,1'-Biphenyl
Concen: 37.892 ng
RT: 13.552 min Scan# 1730
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:154 Resp: 241605
Ion Ratio Lower Upper
154 100
153 42.1 21.6 61.6
76 11.6 0.0 32.6





#47
2-Chloronaphthalene
Concen: 37.772 ng
RT: 13.593 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

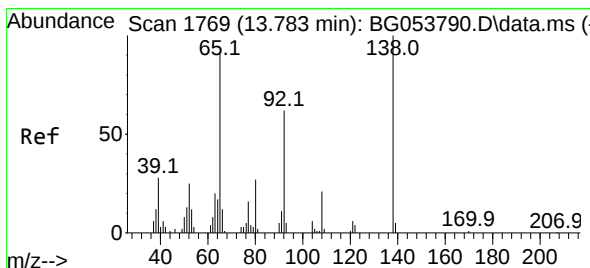
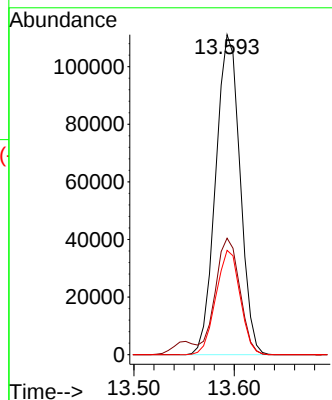
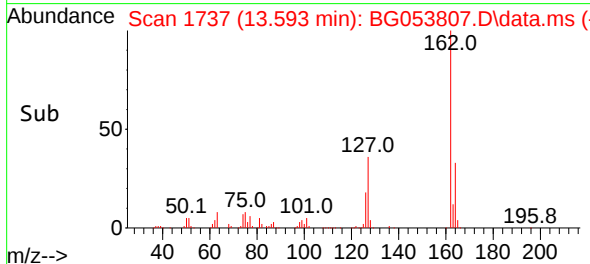
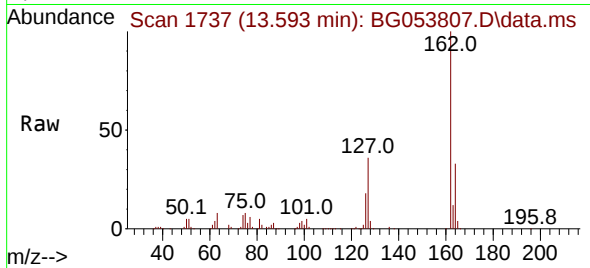
ClientSampleId :

PB145265BS

Tgt Ion:162 Resp: 18736
Ion Ratio Lower Upper
162 100
127 36.4 30.6 45.8
164 32.6 26.5 39.7

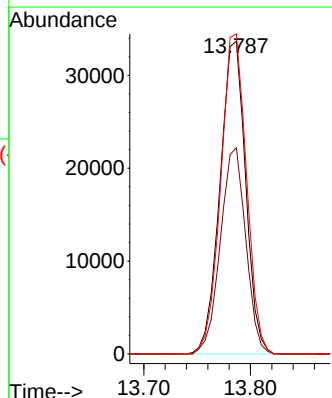
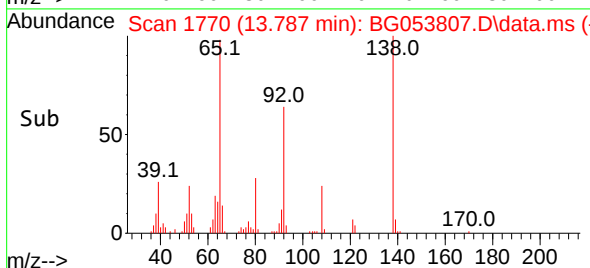
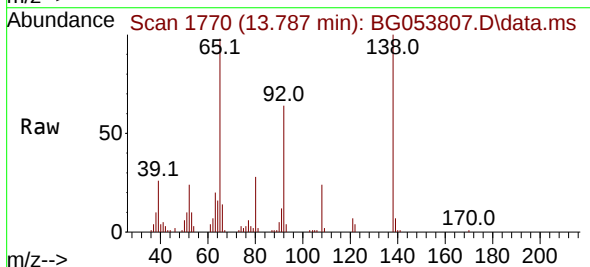
Manual Integrations
APPROVED

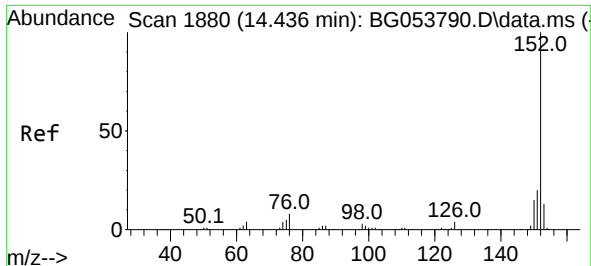
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#48
2-Nitroaniline
Concen: 44.907 ng
RT: 13.787 min Scan# 1770
Delta R.T. 0.004 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion: 65 Resp: 56212
Ion Ratio Lower Upper
65 100
92 65.9 51.5 77.3
138 102.3 71.3 106.9





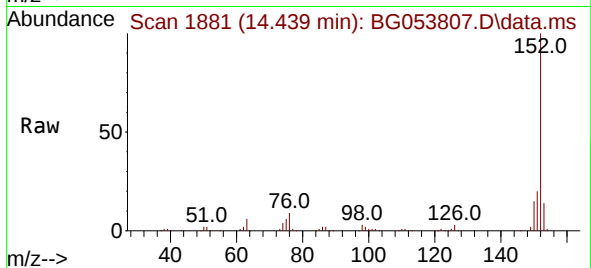
#49
Acenaphthylene
Concen: 39.701 ng
RT: 14.439 min Scan# 1880
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

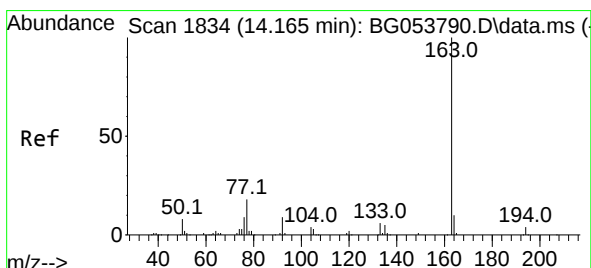
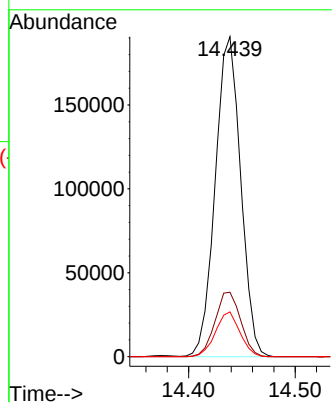
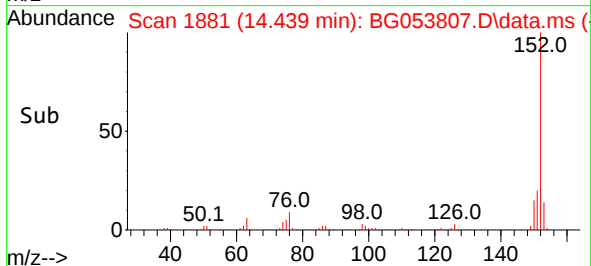


Tgt Ion:152 Resp: 31593
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.0 10.8 16.2

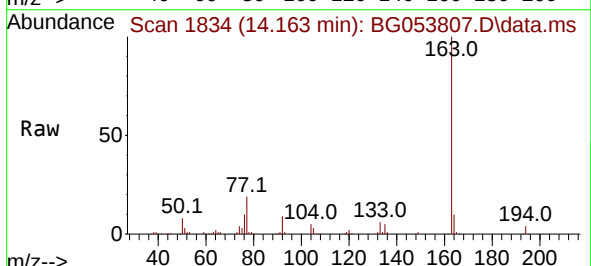
Manual Integrations

APPROVED

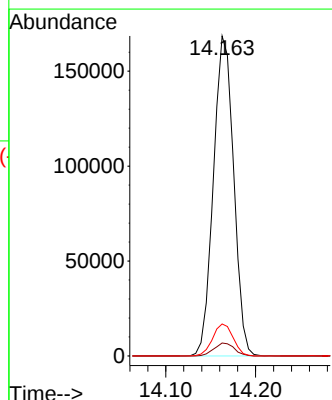
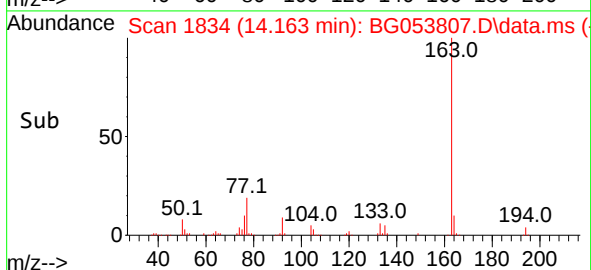
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

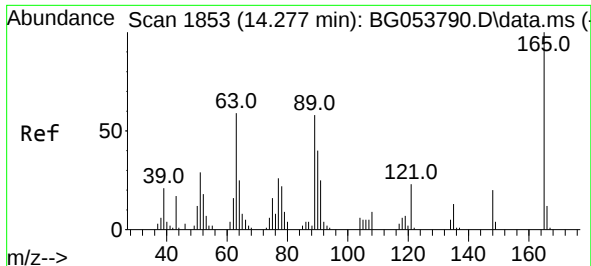


#50
Dimethylphthalate
Concen: 40.289 ng
RT: 14.163 min Scan# 1834
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:163 Resp: 264157
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.042 ng
RT: 14.280 min Scan# 1853
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

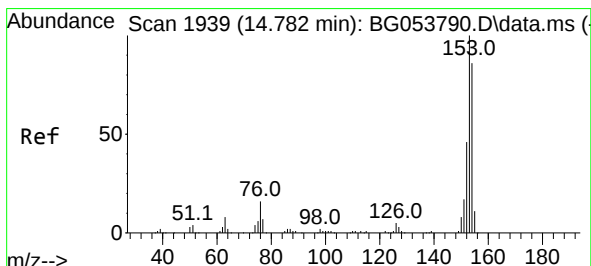
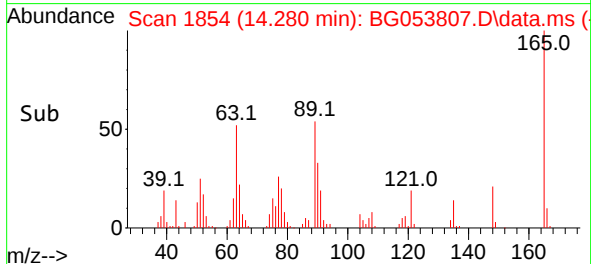
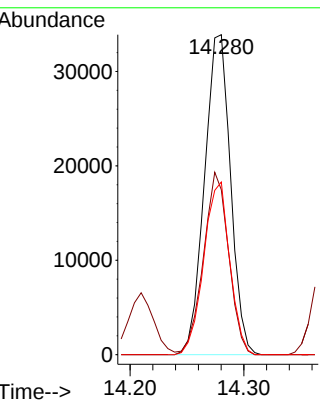
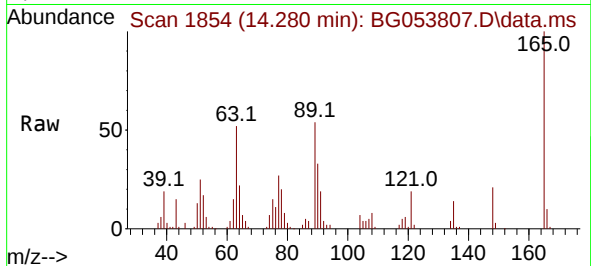
PB145265BS

Tgt Ion:165 Resp: 53880
Ion Ratio Lower Upper
165 100
63 51.6 54.1 81.1
89 54.0 54.8 82.2

Manual Integrations

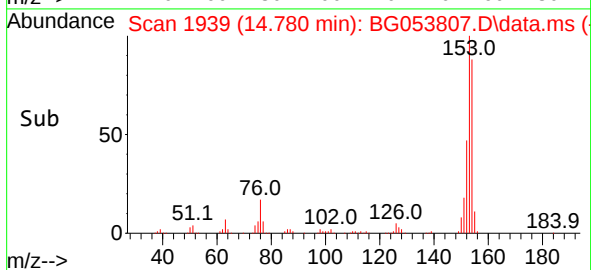
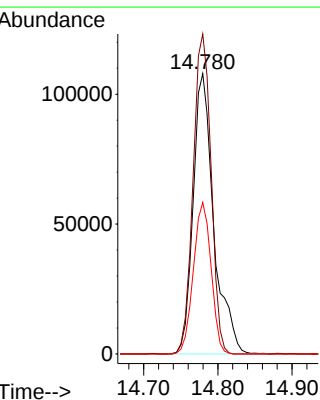
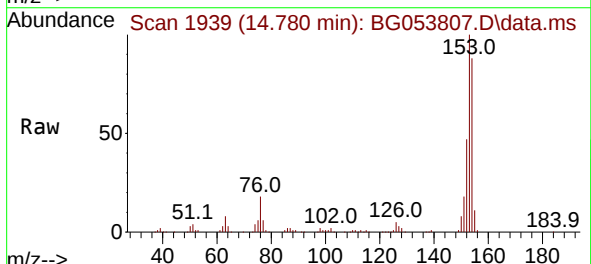
APPROVED

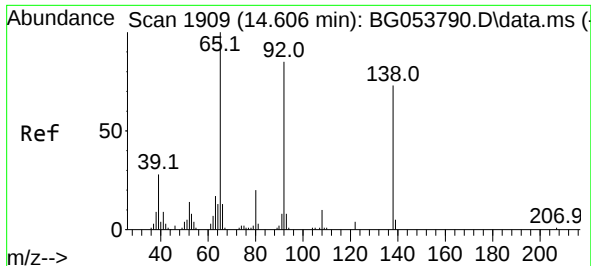
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#52
Acenaphthene
Concen: 41.349 ng
RT: 14.780 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion:154 Resp: 209057
Ion Ratio Lower Upper
154 100
153 114.2 92.7 139.1
152 54.1 42.6 64.0





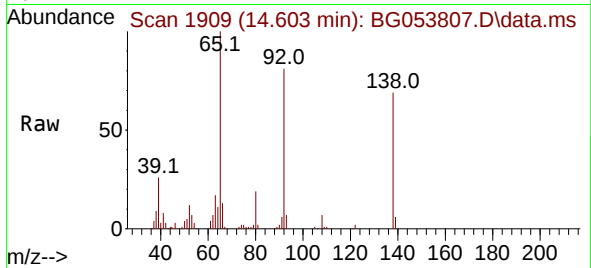
#53
3-Nitroaniline
Concen: 37.576 ng
RT: 14.603 min Scan# 1909
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

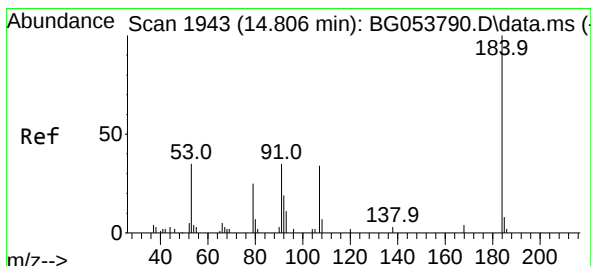
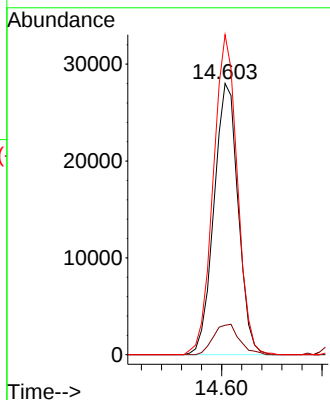
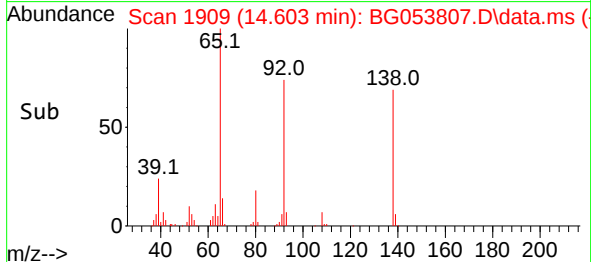


Tgt Ion:138 Resp: 46840
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 118.0 101.9 152.9

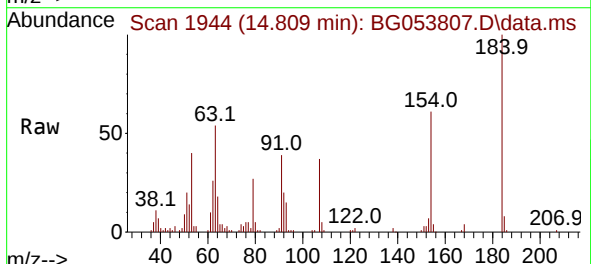
Manual Integrations

APPROVED

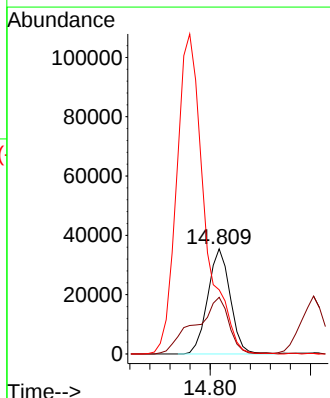
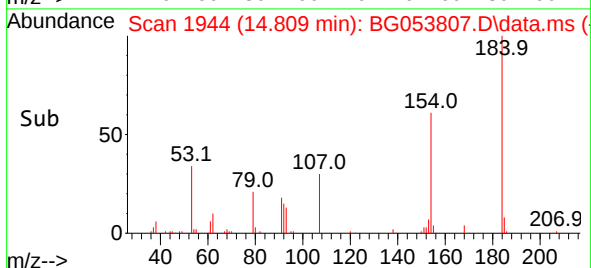
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

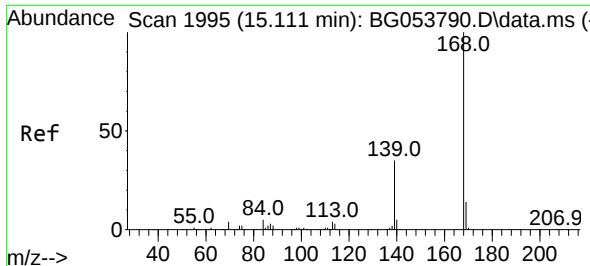


#54
2,4-Dinitrophenol
Concen: 94.036 ng
RT: 14.809 min Scan# 1944
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



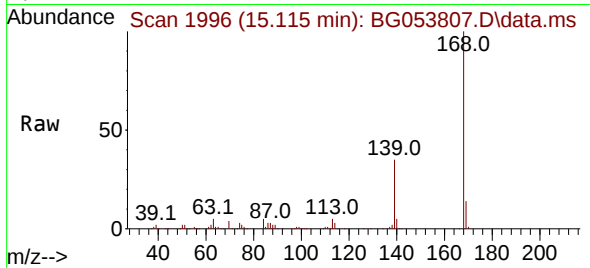
Tgt Ion:184 Resp: 55149
Ion Ratio Lower Upper
184 100
63 53.9 61.1 91.7#
154 61.0 60.6 91.0





#55
Dibenzofuran
Concen: 37.908 ng
RT: 15.115 min Scan# 1995
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

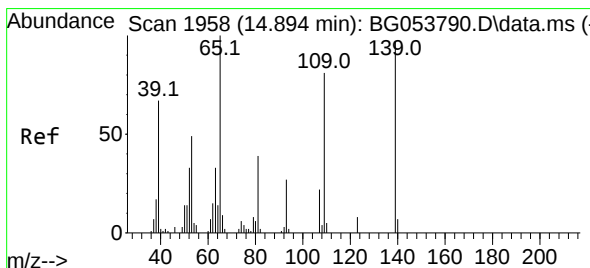
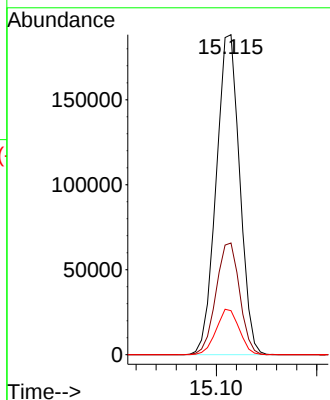
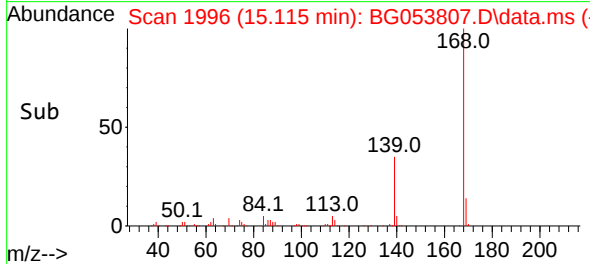
Instrument :
BNA_G
ClientSampleId :
PB145265BS



Tgt Ion:168 Resp: 30553
Ion Ratio Lower Upper
168 100
139 34.9 30.5 45.7
169 13.7 10.3 15.5

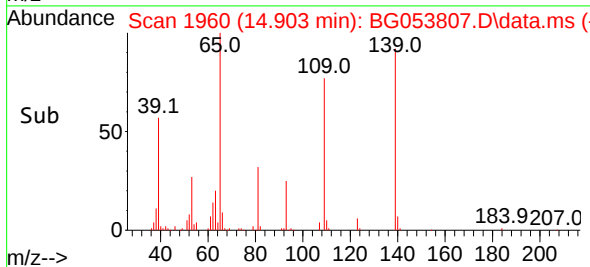
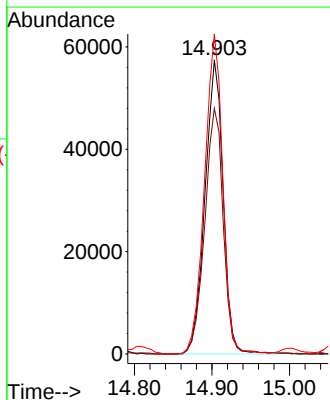
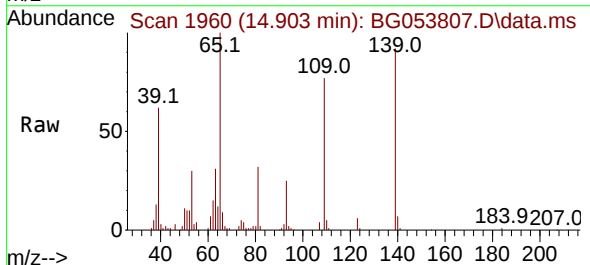
Manual Integrations
APPROVED

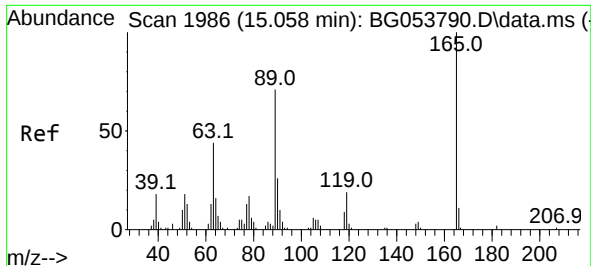
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#56
4-Nitrophenol
Concen: 88.688 ng
RT: 14.903 min Scan# 1960
Delta R.T. 0.009 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion:139 Resp: 93281
Ion Ratio Lower Upper
139 100
109 83.5 88.5 128.5#
65 108.8 93.9 133.9





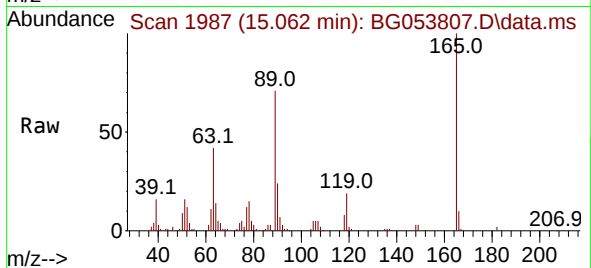
#57
2,4-Dinitrotoluene
Concen: 47.622 ng
RT: 15.062 min Scan# 1986
Delta R.T. 0.004 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

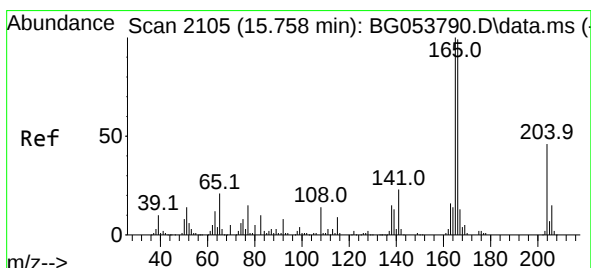
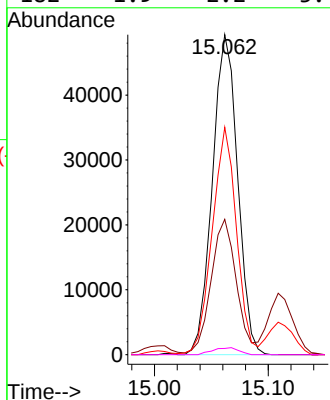
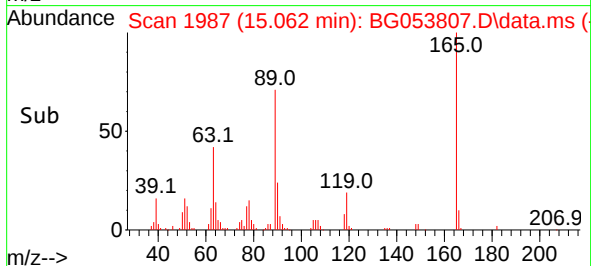


Tgt Ion:165 Resp: 7614
Ion Ratio Lower Upper
165 100
63 42.3 34.6 52.0
89 71.0 60.3 90.5
182 1.9 2.2 3.4#

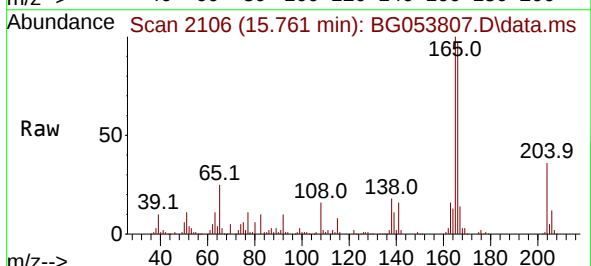
Manual Integrations

APPROVED

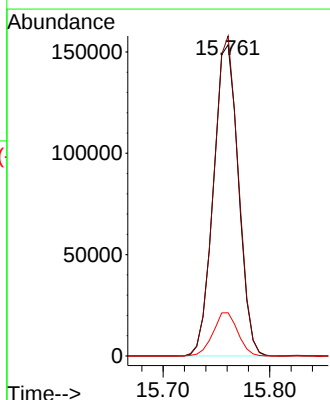
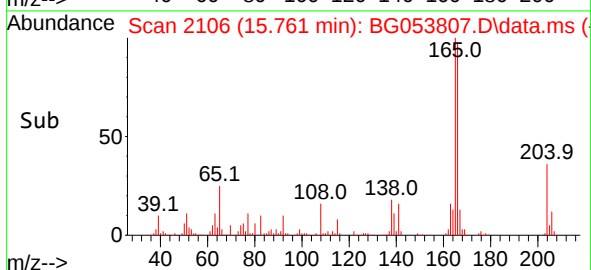
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

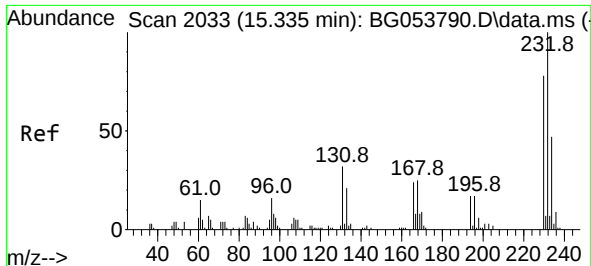


#58
Fluorene
Concen: 37.338 ng
RT: 15.761 min Scan# 2106
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:166 Resp: 249172
Ion Ratio Lower Upper
166 100
165 102.8 75.0 112.6
167 13.9 10.8 16.2





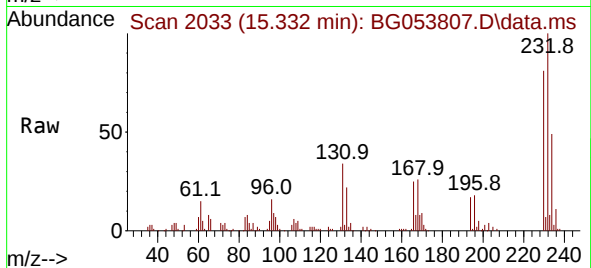
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.181 ng
RT: 15.332 min Scan# 2033
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

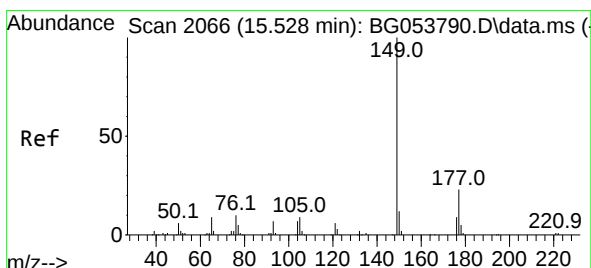
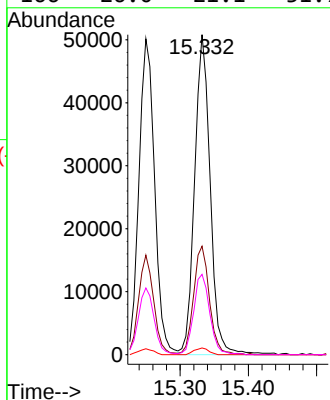
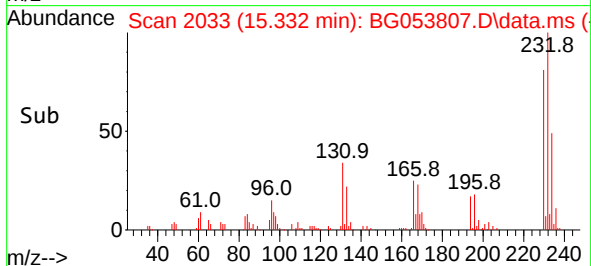


Tgt Ion:232 Resp: 8064
Ion Ratio Lower Upper
232 100
131 34.4 30.6 46.0
130 1.9 1.8 2.8
166 26.0 21.1 31.7

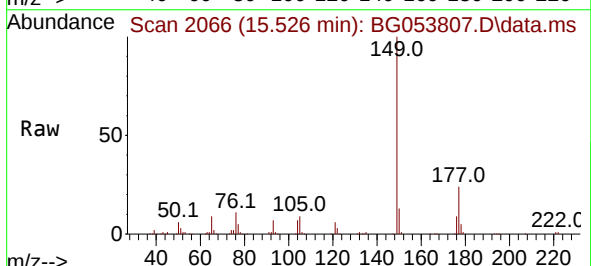
Manual Integrations

APPROVED

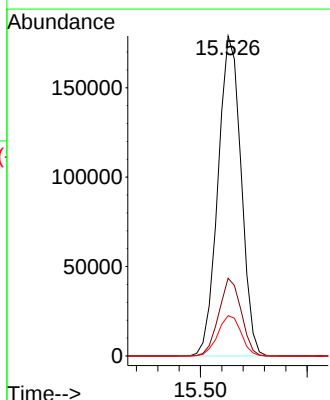
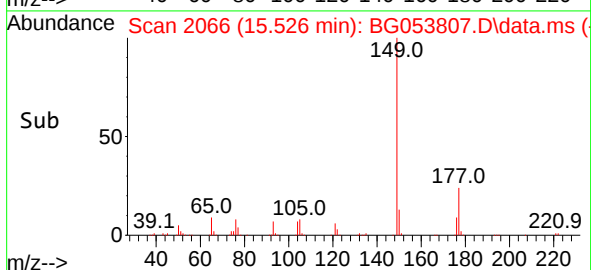
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

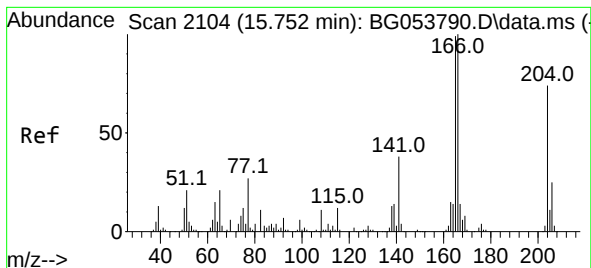


#60
Diethylphthalate
Concen: 40.443 ng
RT: 15.526 min Scan# 2066
Delta R.T. -0.002 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:149 Resp: 268548
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 12.6 11.2 16.8





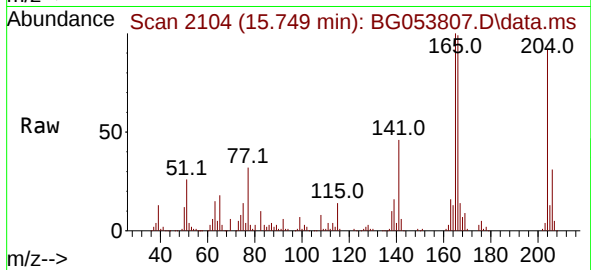
#61
4-Chlorophenyl-phenylether
Concen: 39.846 ng
RT: 15.749 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

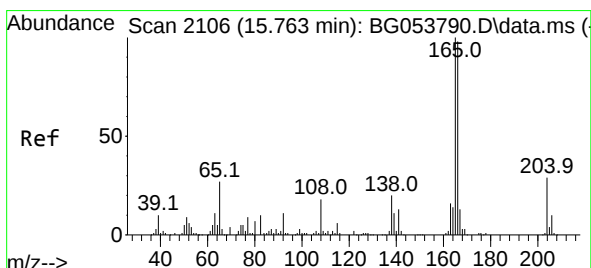
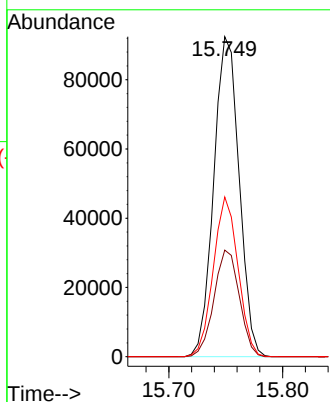
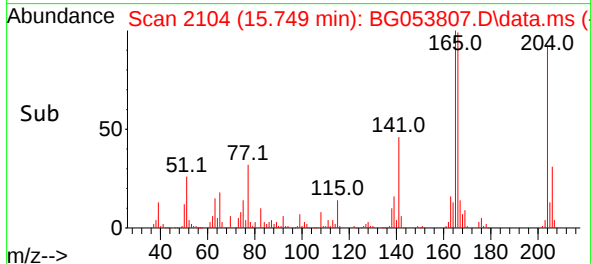
PB145265BS



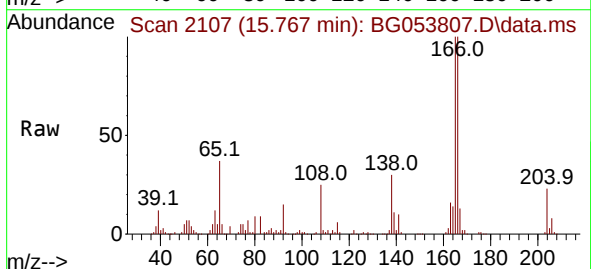
Tgt Ion:204 Resp: 14335
Ion Ratio Lower Upper
204 100
206 33.3 27.5 41.3
141 49.9 45.3 67.9

Manual Integrations
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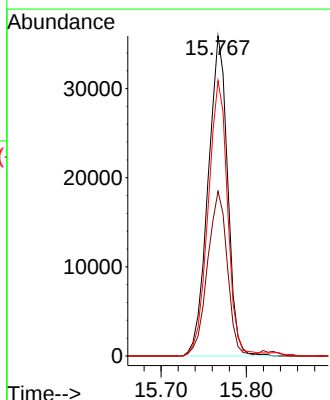
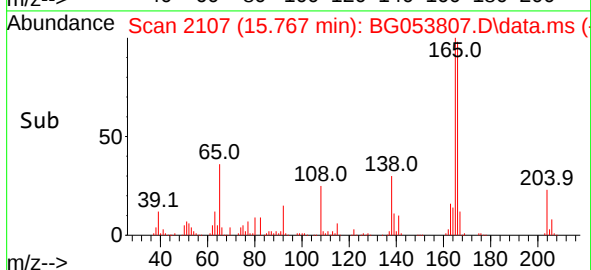
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#62
4-Nitroaniline
Concen: 41.759 ng
RT: 15.767 min Scan# 2107
Delta R.T. 0.004 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:138 Resp: 57076
Ion Ratio Lower Upper
138 100
92 51.4 40.5 80.5
108 86.1 103.7 143.7#





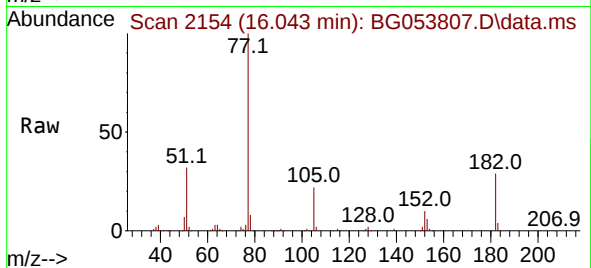
#63
Azobenzene
Concen: 37.283 ng
RT: 16.043 min Scan# 2154
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

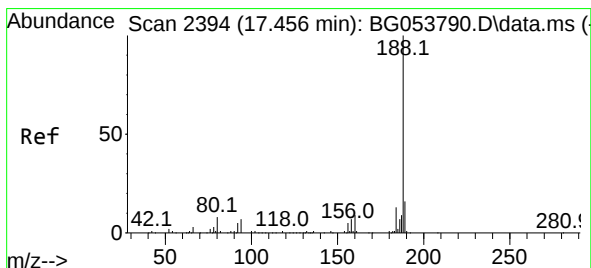
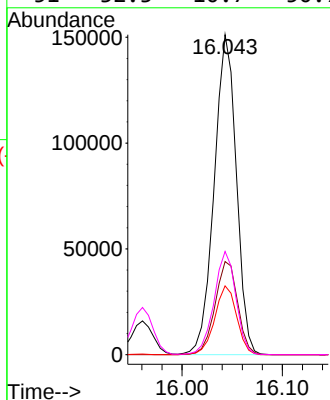
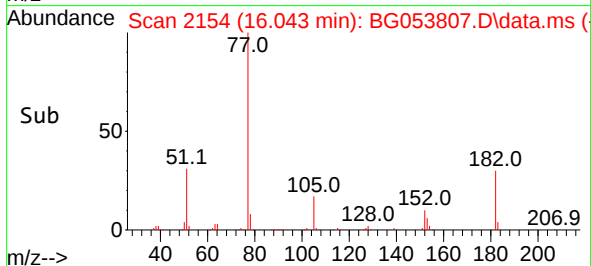


Tgt Ion: 77 Resp: 231648
Ion Ratio Lower Upper
77 100
182 29.1 3.8 43.8
105 21.5 0.0 37.8
51 32.3 10.7 50.7

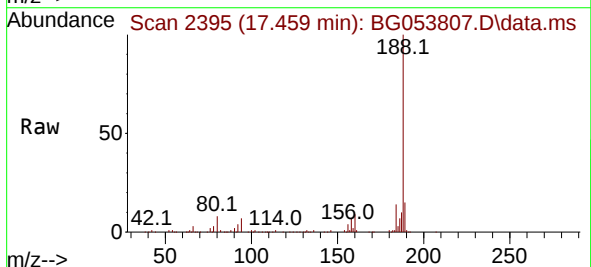
Manual Integrations

APPROVED

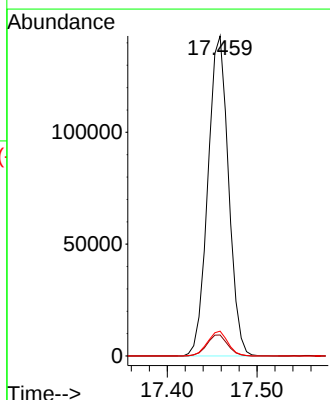
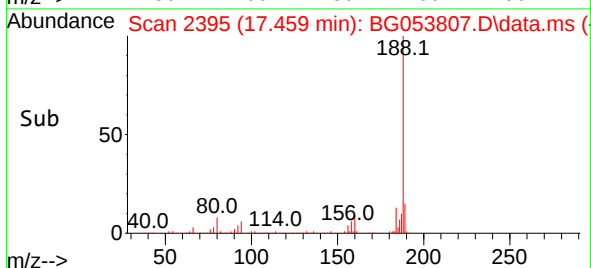
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

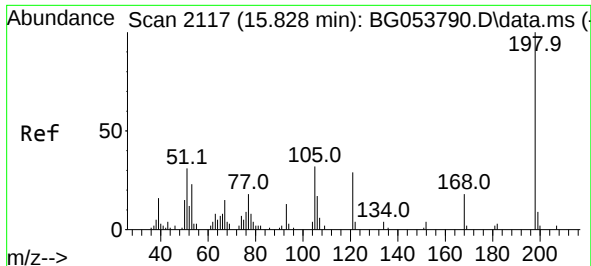


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2395
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:188 Resp: 227930
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.7 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 43.170 ng
RT: 15.825 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

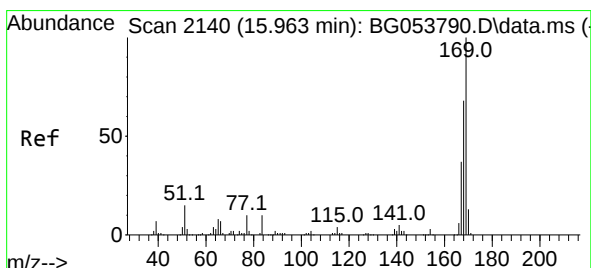
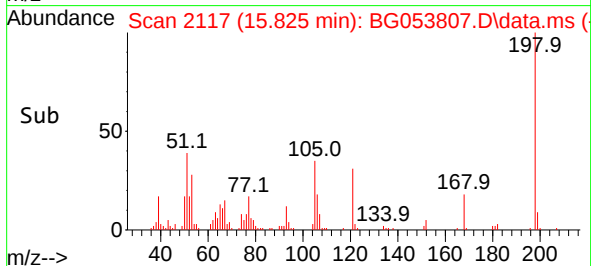
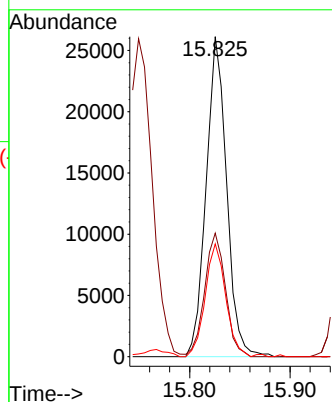
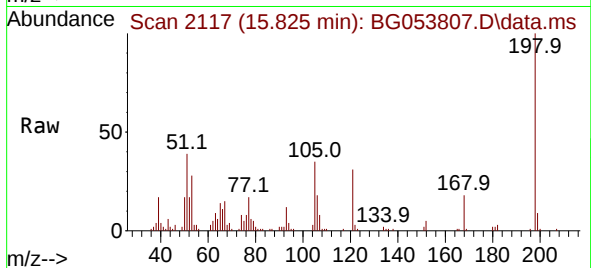
PB145265BS

Tgt Ion:198 Resp: 37118
Ion Ratio Lower Upper
198 100
51 38.6 28.1 68.1
105 35.2 20.3 60.3

Manual Integrations

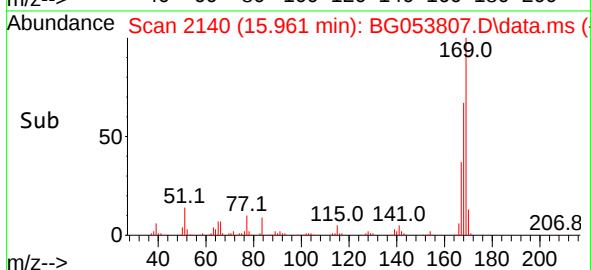
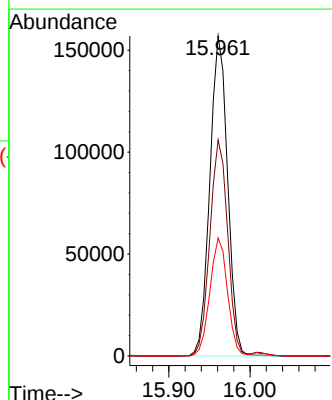
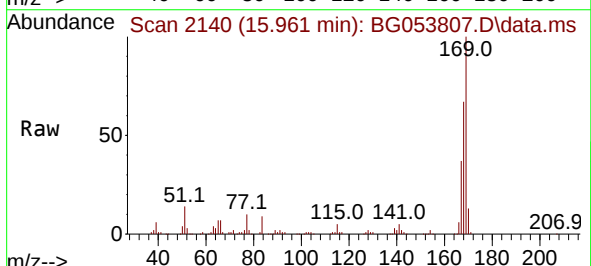
APPROVED

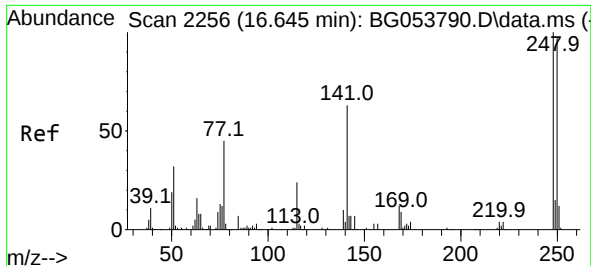
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#66
n-Nitrosodiphenylamine
Concen: 39.252 ng
RT: 15.961 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion:169 Resp: 237910
Ion Ratio Lower Upper
169 100
168 67.5 55.9 83.9
167 36.8 30.6 46.0





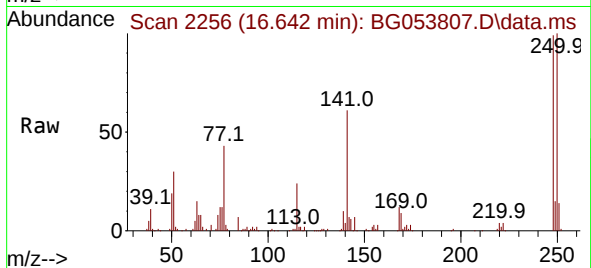
#67
4-Bromophenyl-phenylether
Concen: 38.932 ng
RT: 16.642 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

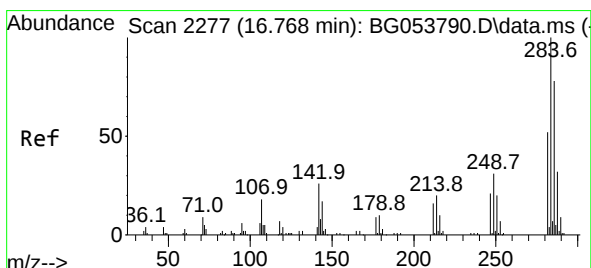
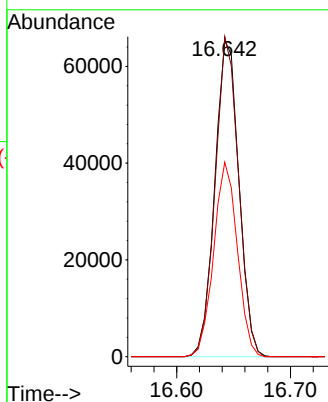
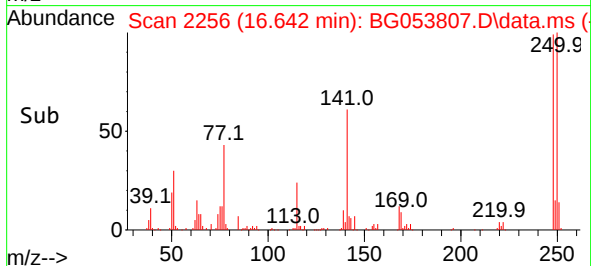


Tgt Ion:248 Resp: 96410
Ion Ratio Lower Upper
248 100
250 101.1 75.2 112.8
141 61.4 50.0 75.0

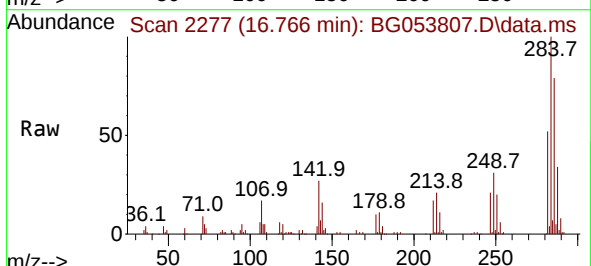
Manual Integrations

APPROVED

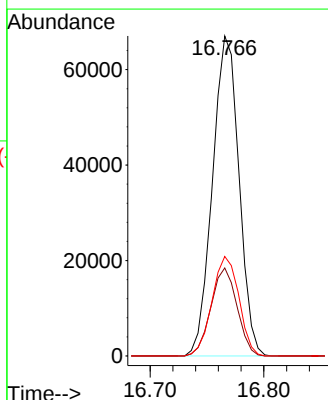
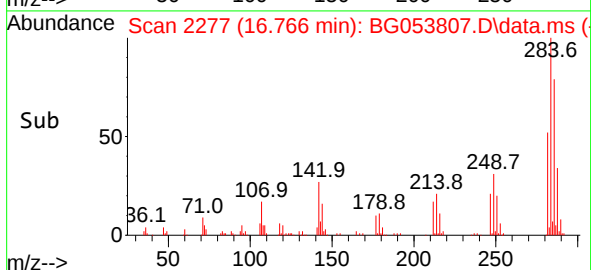
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

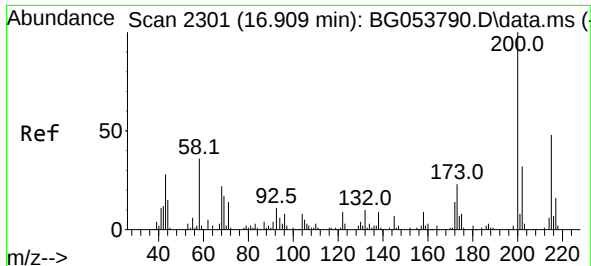


#68
Hexachlorobenzene
Concen: 39.297 ng
RT: 16.766 min Scan# 2277
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:284 Resp: 108477
Ion Ratio Lower Upper
284 100
142 27.5 23.6 35.4
249 33.3 25.8 38.6





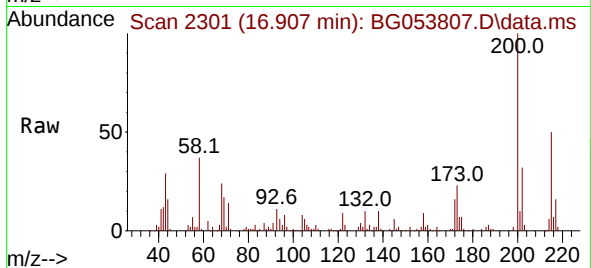
#69
 Atrazine
 Concen: 44.155 ng
 RT: 16.907 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053807.D
 Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

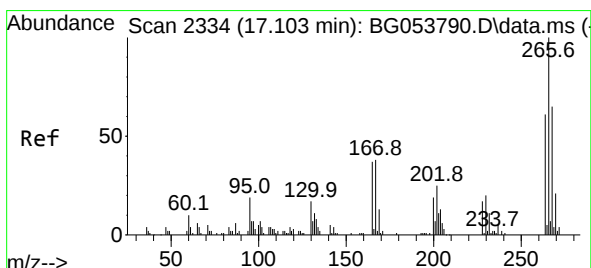
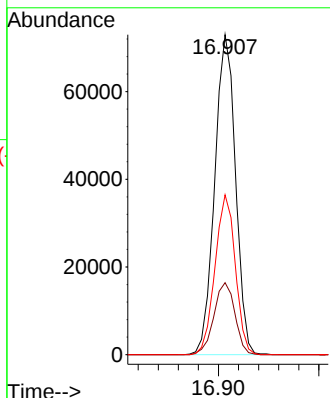
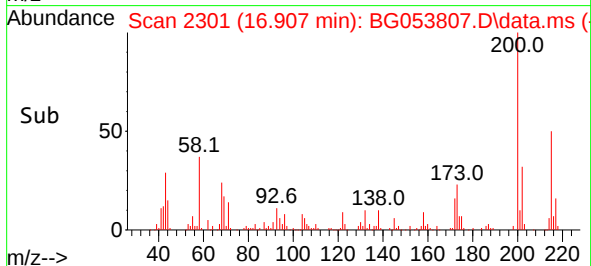


Tgt Ion:200 Resp: 104785
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.7 43.7
 215 49.9 25.2 65.2

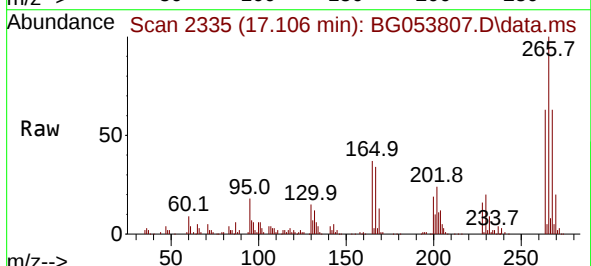
Manual Integrations

APPROVED

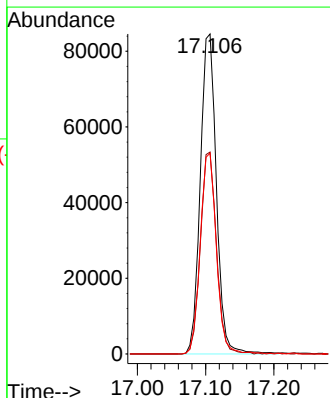
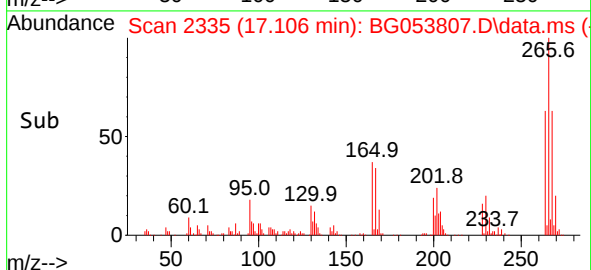
Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

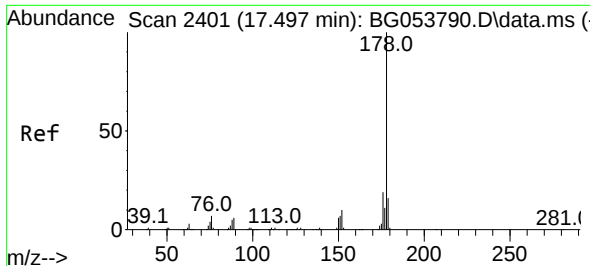


#70
 Pentachlorophenol
 Concen: 78.946 ng
 RT: 17.106 min Scan# 2335
 Delta R.T. 0.003 min
 Lab File: BG053807.D
 Acq: 3 Jun 2022 10:57



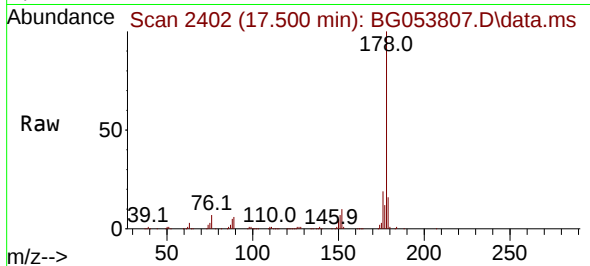
Tgt Ion:266 Resp: 138493
 Ion Ratio Lower Upper
 266 100
 268 68.0 56.2 84.2
 264 67.8 53.0 79.4





#71
Phenanthrene
Concen: 37.510 ng
RT: 17.500 min Scan# 2401
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

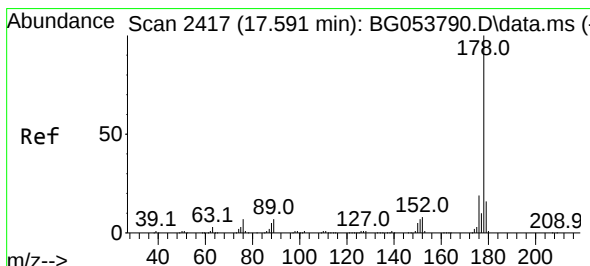
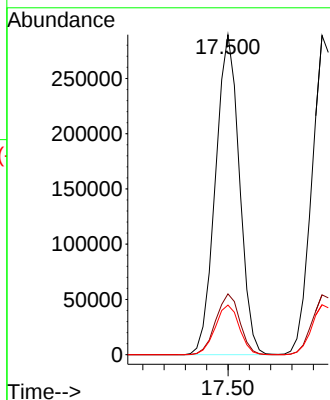
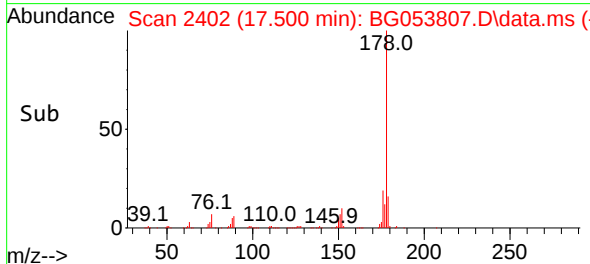
Instrument :
BNA_G
ClientSampleId :
PB145265BS



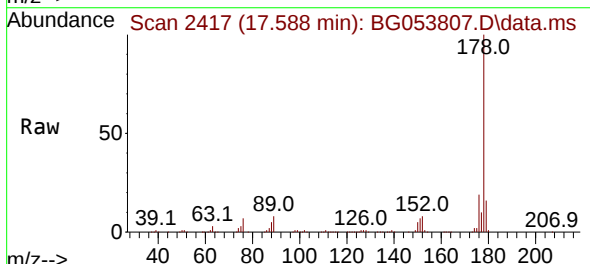
Tgt Ion:178 Resp: 450021
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 15.5 12.1 18.1

Manual Integrations
APPROVED

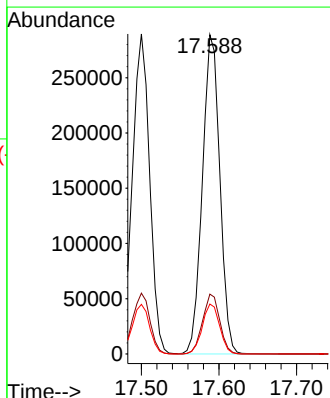
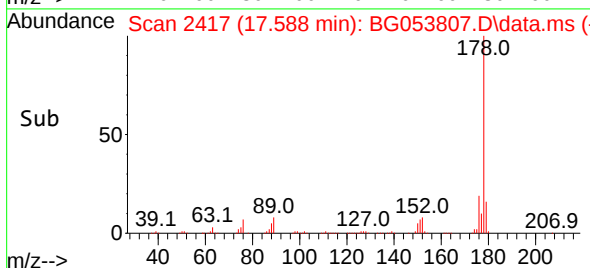
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

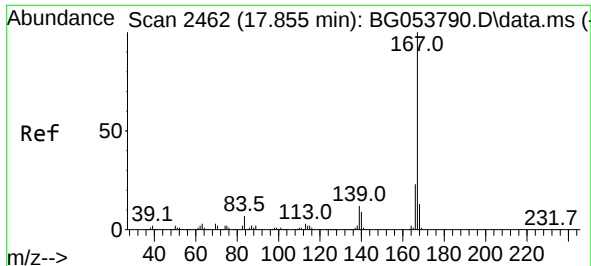


#72
Anthracene
Concen: 38.584 ng
RT: 17.588 min Scan# 2417
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:178 Resp: 453043
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.7 13.0 19.4





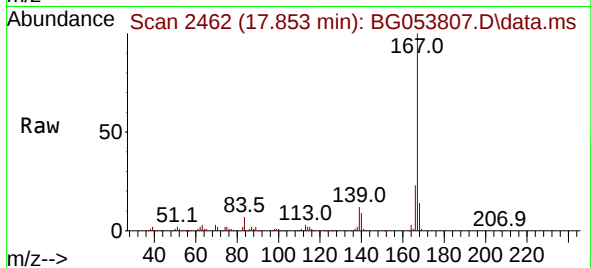
#73
 Carbazole
 Concen: 38.997 ng
 RT: 17.853 min Scan# 2462
 Delta R.T. -0.003 min
 Lab File: BG053807.D
 Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

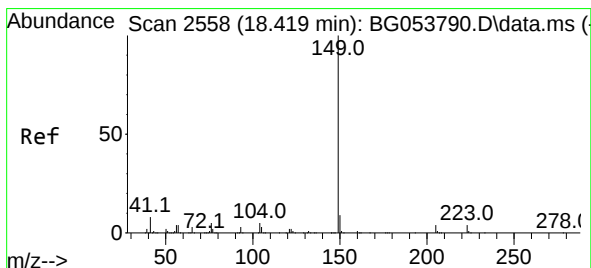
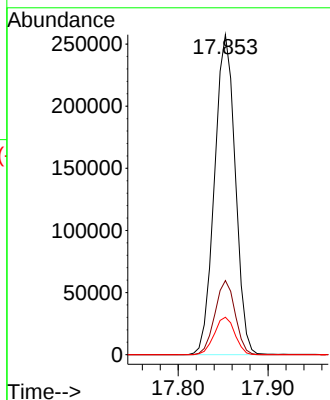
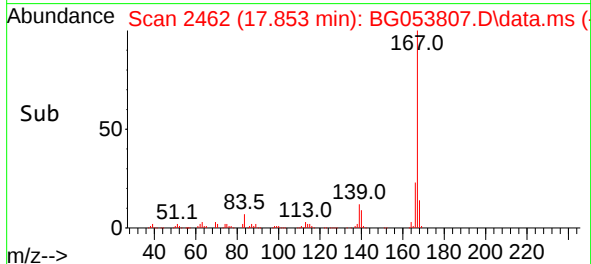


Tgt Ion:167 Resp: 413319
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 11.7 10.1 15.1

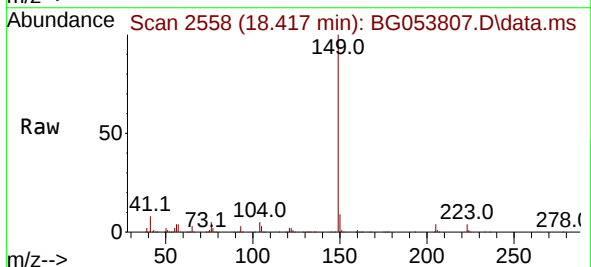
Manual Integrations

APPROVED

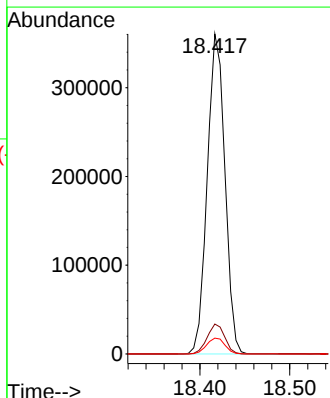
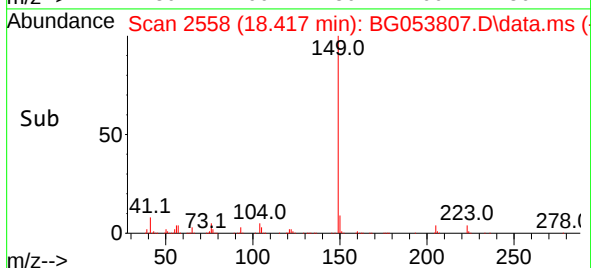
Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

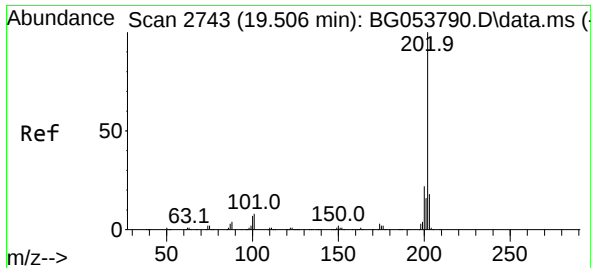


#74
 Di-n-butylphthalate
 Concen: 40.459 ng
 RT: 18.417 min Scan# 2558
 Delta R.T. -0.003 min
 Lab File: BG053807.D
 Acq: 3 Jun 2022 10:57



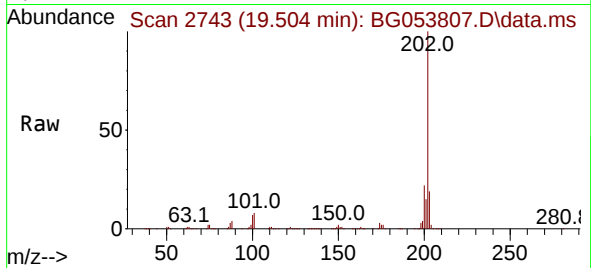
Tgt Ion:149 Resp: 493098
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 5.4 8.0#





#75
Fluoranthene
Concen: 37.446 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

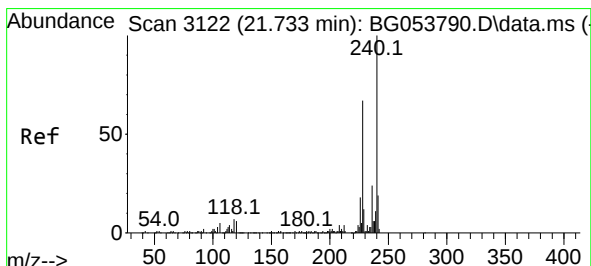
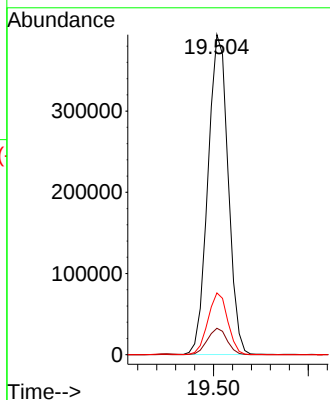
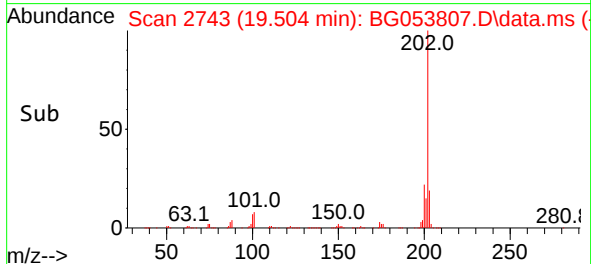
Instrument :
BNA_G
ClientSampleId :
PB145265BS



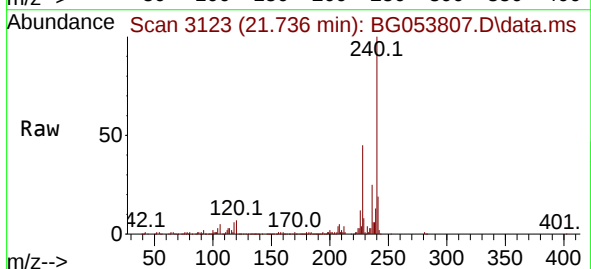
Tgt Ion:202 Resp: 58269
Ion Ratio Lower Upper
202 100
101 8.2 0.0 26.9
203 19.3 0.0 37.2

Manual Integrations
APPROVED

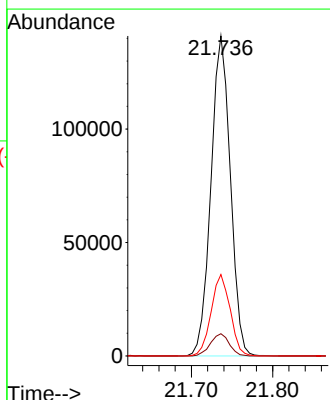
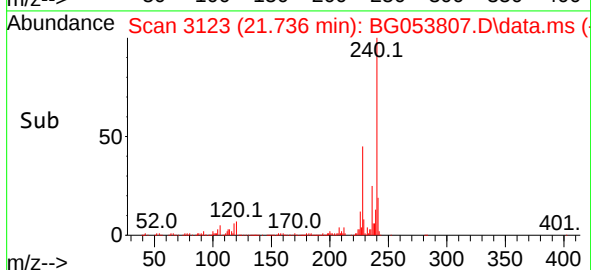
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

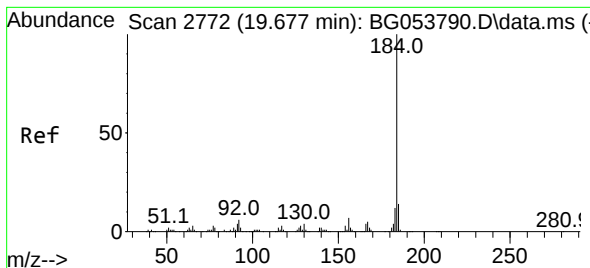


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:240 Resp: 234232
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 25.4 20.2 30.4





#77

Benzidine

Concen: 38.850 ng

RT: 19.680 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG053807.D

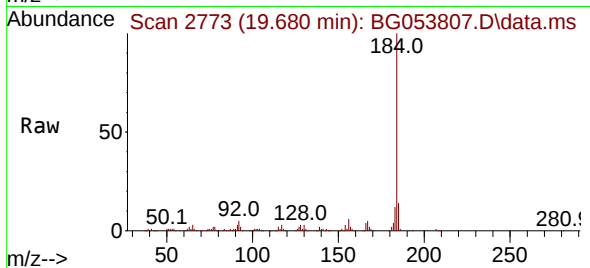
Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS



Tgt Ion:184 Resp: 222510

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

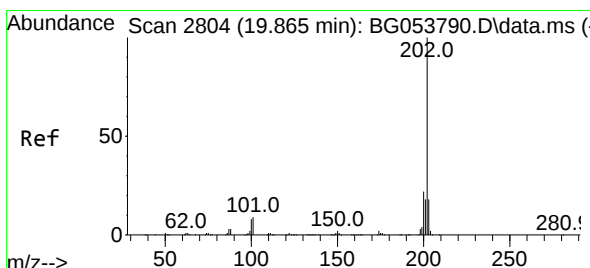
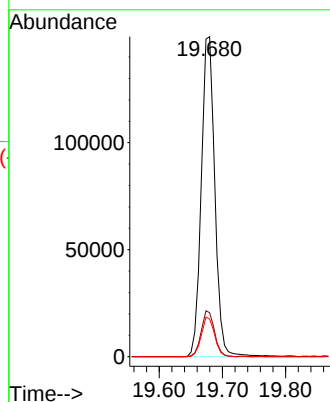
183 11.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#78

Pyrene

Concen: 39.503 ng

RT: 19.868 min Scan# 2805

Delta R.T. 0.003 min

Lab File: BG053807.D

Acq: 3 Jun 2022 10:57

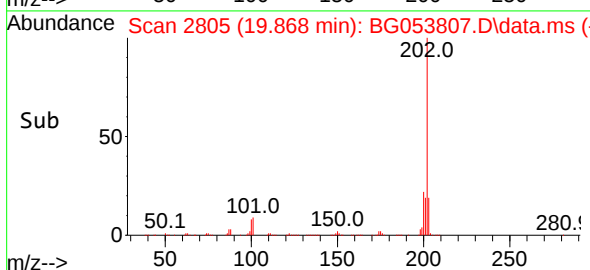
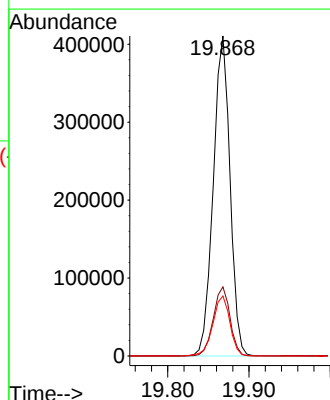
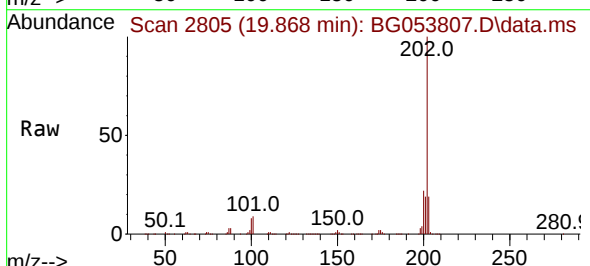
Tgt Ion:202 Resp: 588437

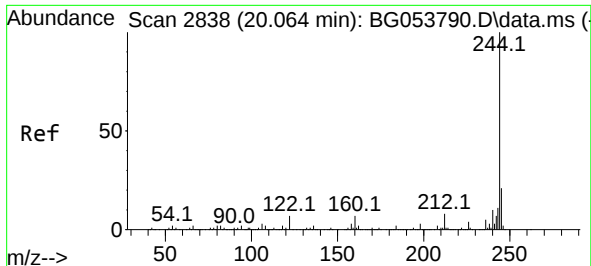
Ion Ratio Lower Upper

202 100

200 21.6 16.6 24.8

203 18.8 14.6 21.8





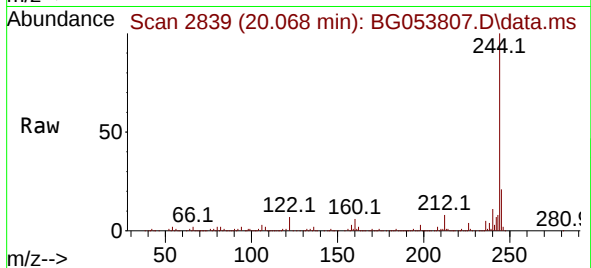
#79
 Terphenyl-d14
 Concen: 83.109 ng
 RT: 20.068 min Scan# 2839
 Delta R.T. 0.004 min
 Lab File: BG053807.D
 Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB145265BS

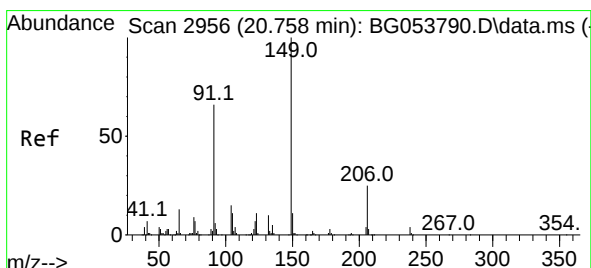
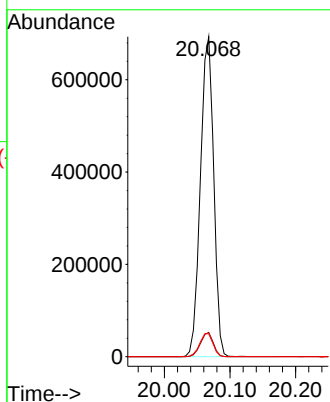
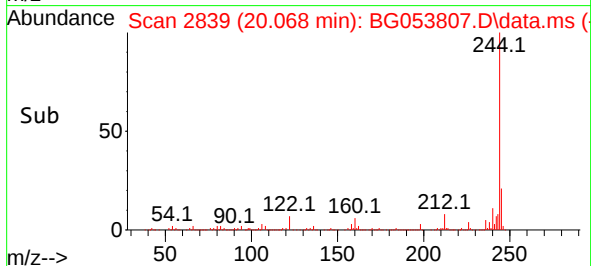


Tgt Ion:244 Resp: 97851
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.2 5.0 7.4

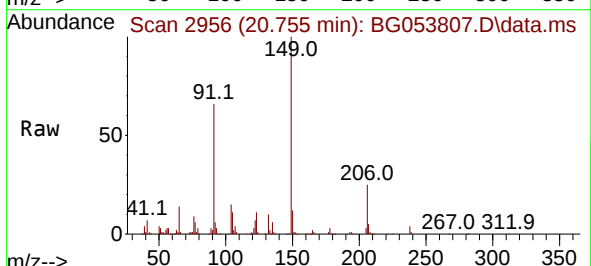
Manual Integrations

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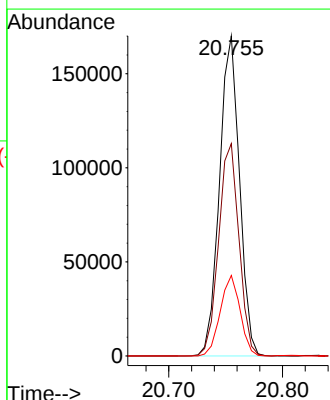
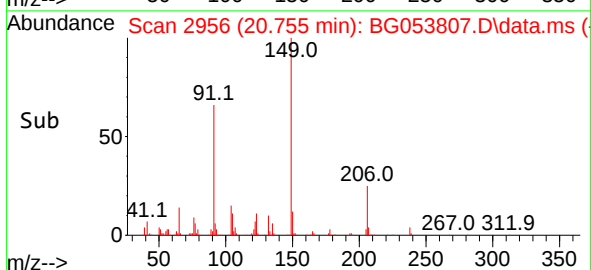
Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

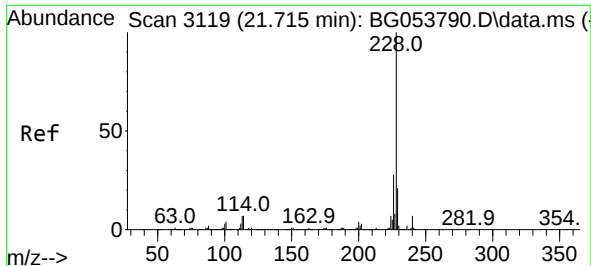


#80
 Butylbenzylphthalate
 Concen: 42.824 ng
 RT: 20.755 min Scan# 2956
 Delta R.T. -0.003 min
 Lab File: BG053807.D
 Acq: 3 Jun 2022 10:57



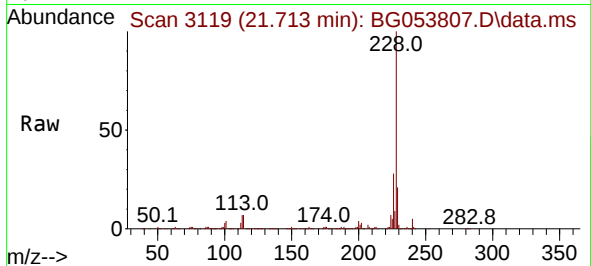
Tgt Ion:149 Resp: 208044
 Ion Ratio Lower Upper
 149 100
 91 66.4 59.6 89.4
 206 25.2 18.6 28.0





#81
Benzo(a)anthracene
Concen: 38.622 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

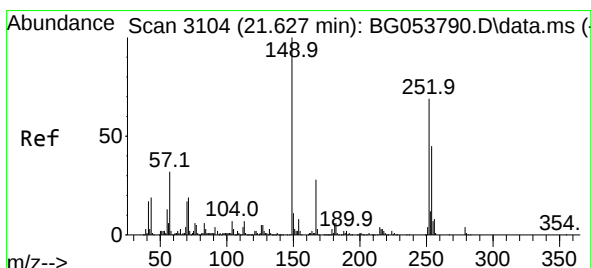
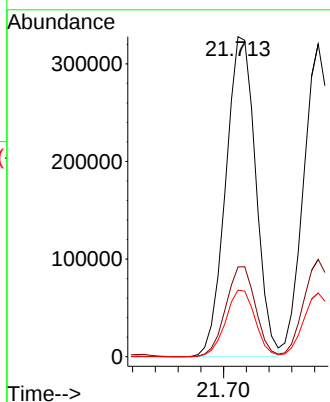
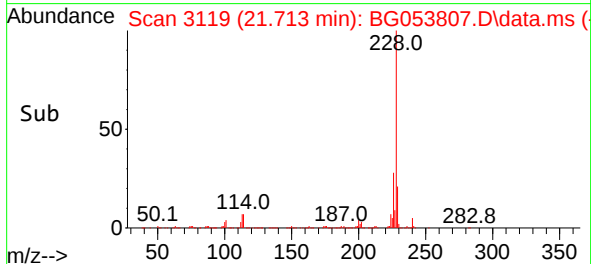
Instrument :
BNA_G
ClientSampleId :
PB145265BS



Tgt Ion:228 Resp: 600580
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.8 16.2 24.2

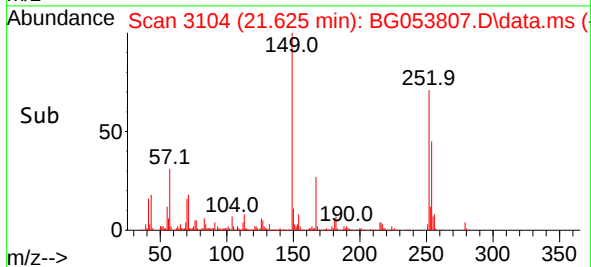
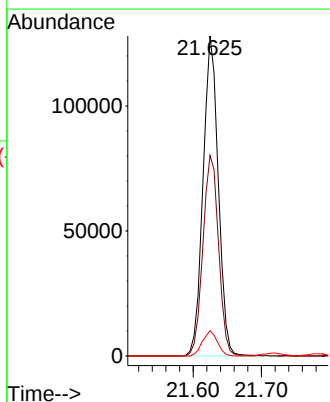
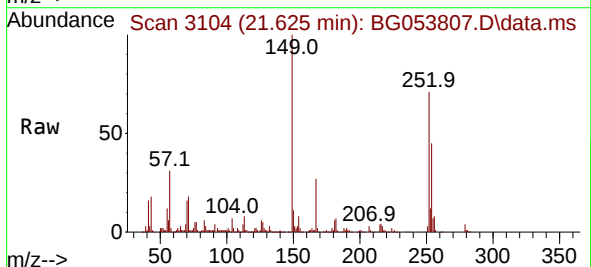
Manual Integrations
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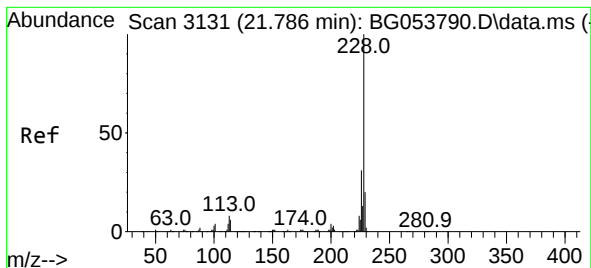
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#82
3,3'-Dichlorobenzidine
Concen: 45.403 ng
RT: 21.625 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

Tgt Ion:252 Resp: 198998
Ion Ratio Lower Upper
252 100
254 62.6 49.8 74.8
126 7.9 6.0 9.0





#83

Chrysene

Concen: 37.724 ng

RT: 21.783 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053807.D

Acq: 3 Jun 2022 10:57

Instrument :

BNA_G

ClientSampleId :

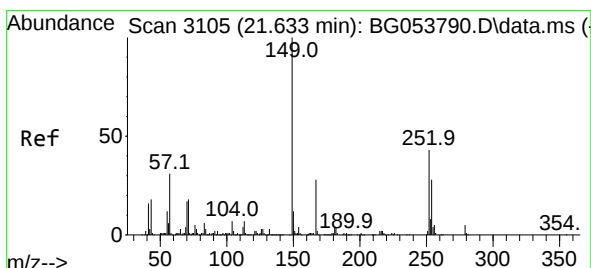
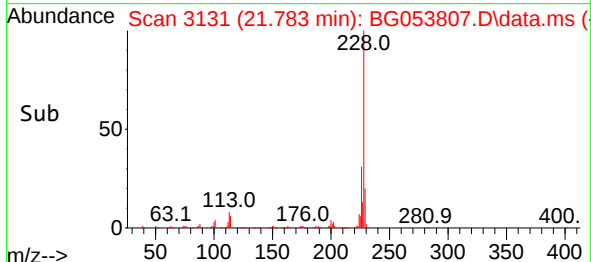
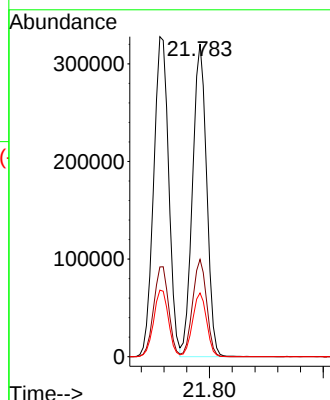
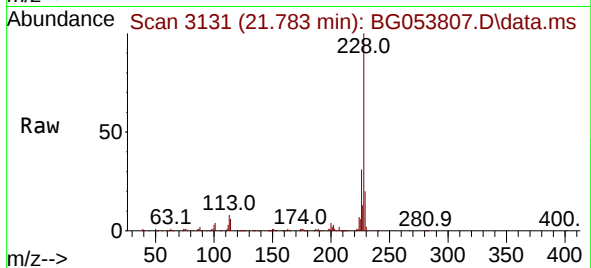
PB145265BS

Tgt Ion:228 Resp: 55372
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.4 35.2
 229 20.4 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.531 ng

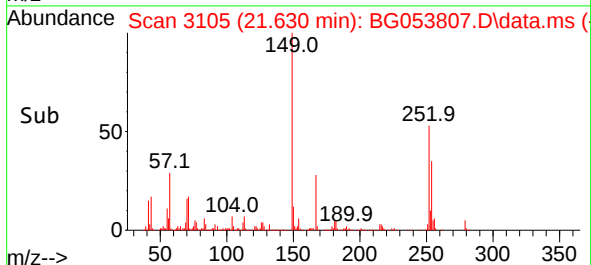
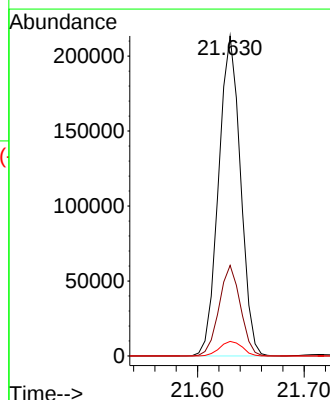
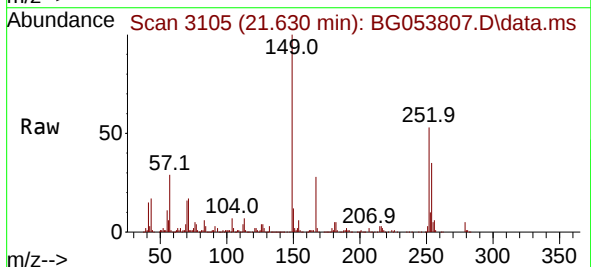
RT: 21.630 min Scan# 3105

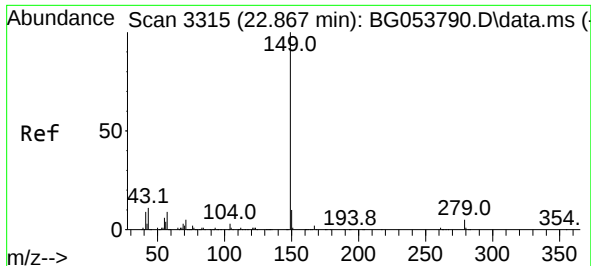
Delta R.T. -0.003 min

Lab File: BG053807.D

Acq: 3 Jun 2022 10:57

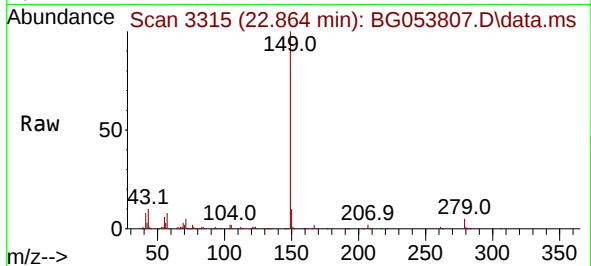
Tgt Ion:149 Resp: 304107
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.2 30.4
 279 4.5 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 45.022 ng
RT: 22.864 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

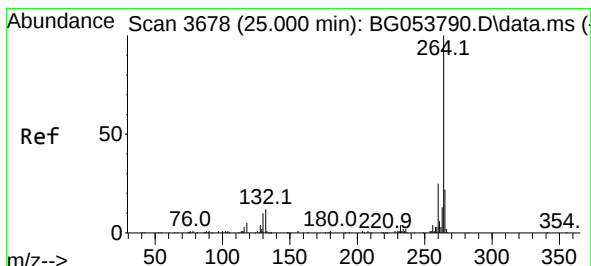
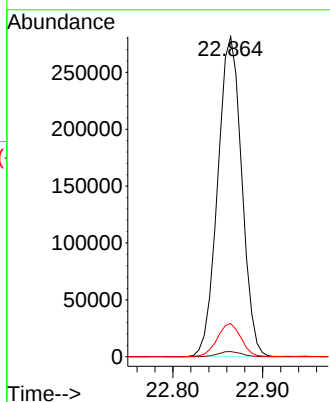
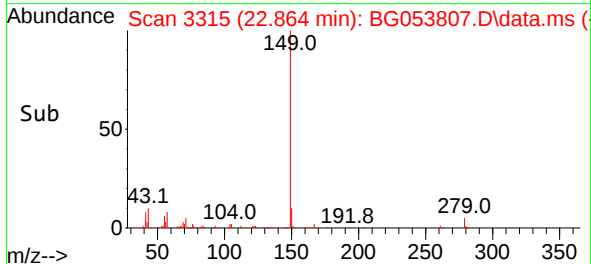
Instrument :
BNA_G
ClientSampleId :
PB145265BS



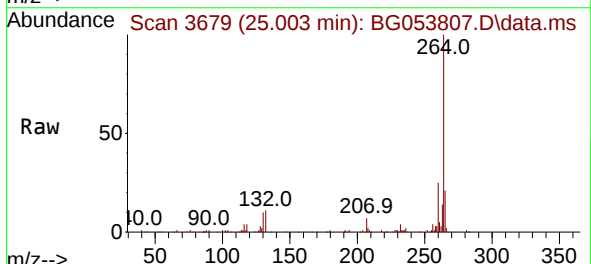
Tgt Ion:149 Resp: 52304
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 9.0 13.4

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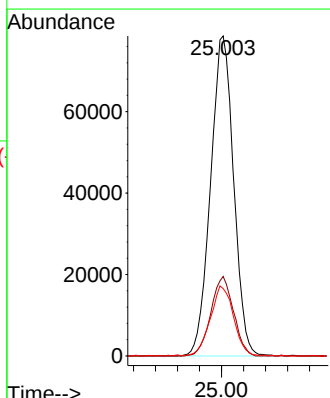
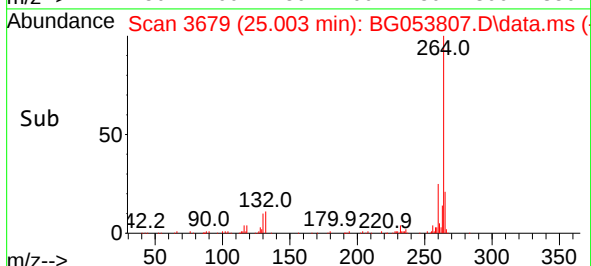
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

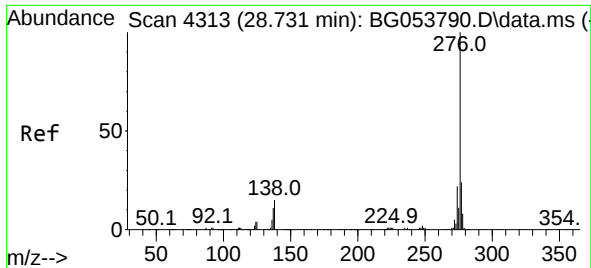


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3679
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



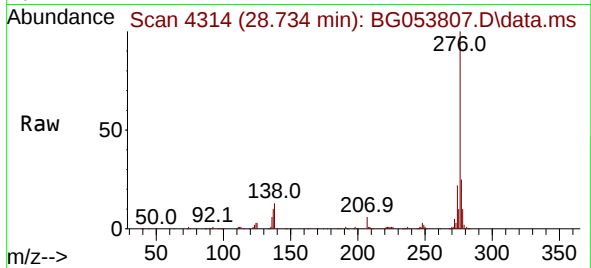
Tgt Ion:264 Resp: 228659
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.6
265 21.0 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.318 ng
RT: 28.734 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

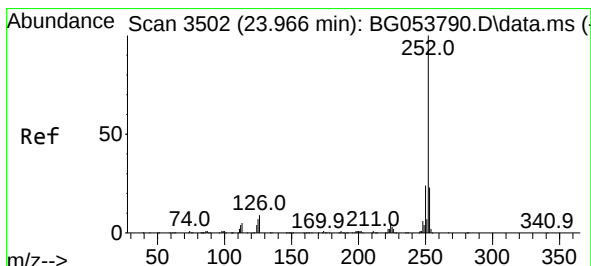
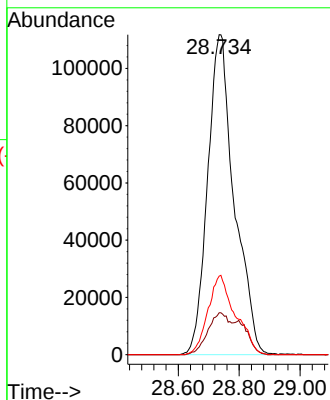
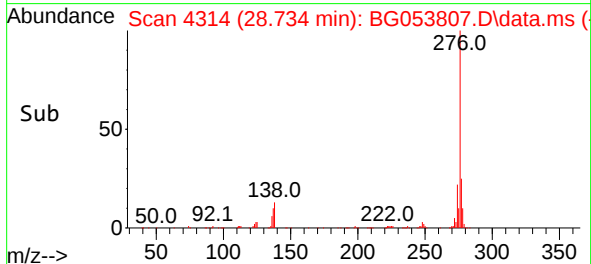
Instrument :
BNA_G
ClientSampleId :
PB145265BS



Tgt Ion:276 Resp: 67952
Ion Ratio Lower Upper
276 100
138 11.2 5.0 7.4
277 25.5 20.3 30.5

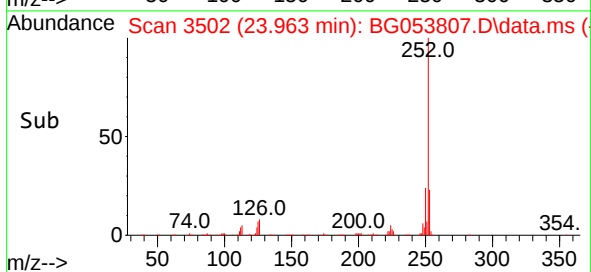
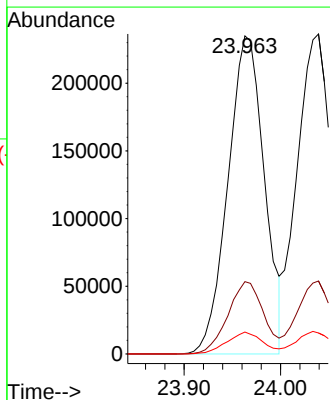
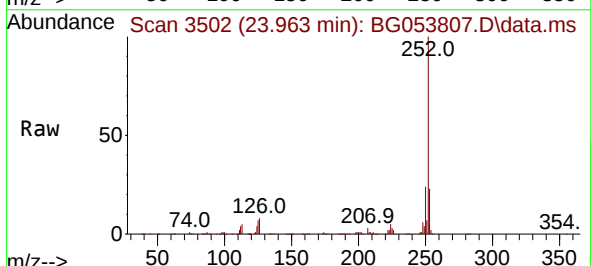
Manual Integrations
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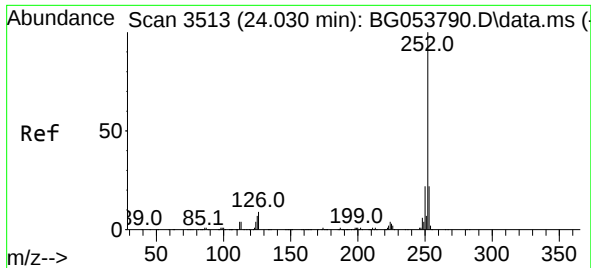
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#88
Benzo(b)fluoranthene
Concen: 43.447 ng m
RT: 23.963 min Scan# 3502
Delta R.T. -0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

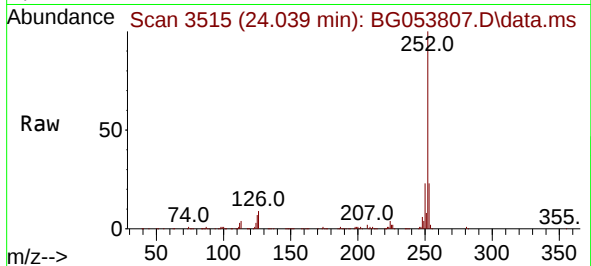
Tgt Ion:252 Resp: 616773
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 6.9 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 42.357 ng
RT: 24.039 min Scan# 3513
Delta R.T. 0.009 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

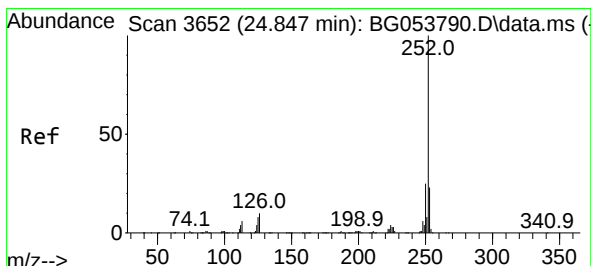
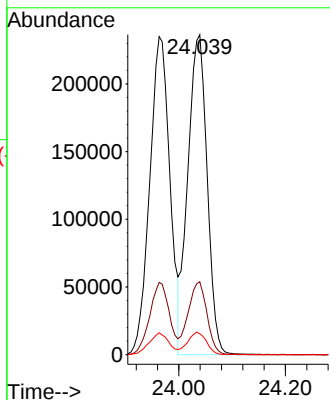
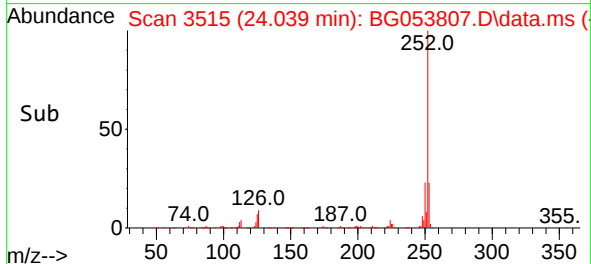
Instrument :
BNA_G
ClientSampleId :
PB145265BS



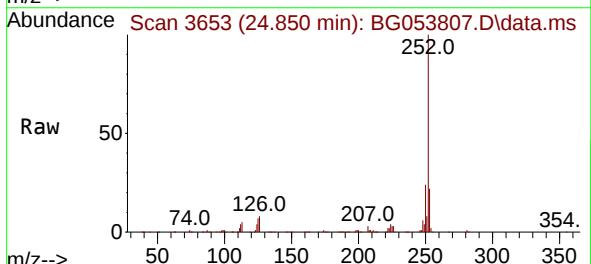
Tgt Ion:252 Resp: 59434
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 6.6 4.8 7.2

Manual Integrations
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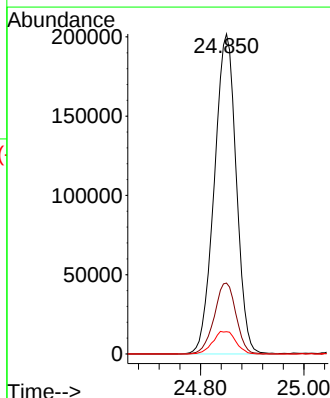
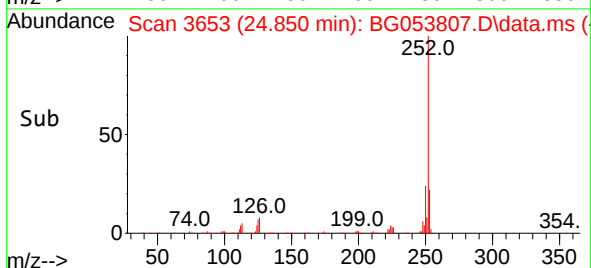
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

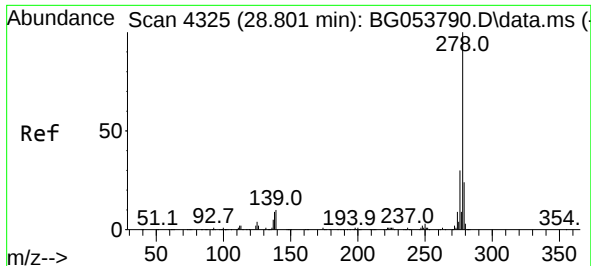


#90
Benzo(a)pyrene
Concen: 49.410 ng
RT: 24.850 min Scan# 3653
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



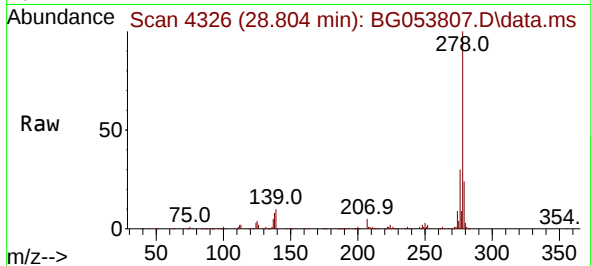
Tgt Ion:252 Resp: 593207
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.0 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 42.702 ng
RT: 28.804 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57

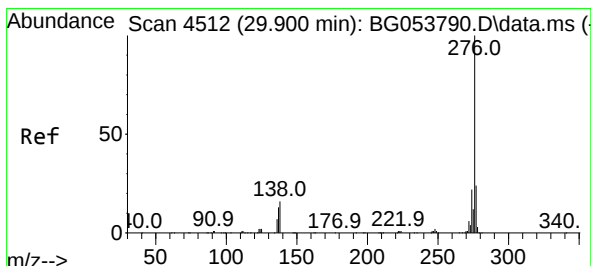
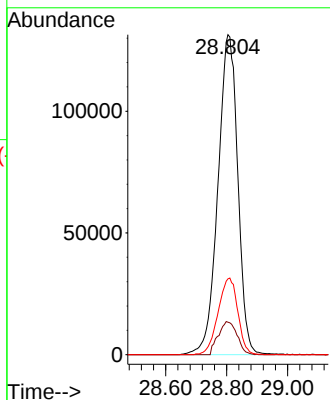
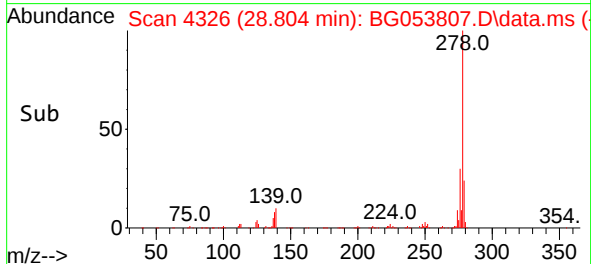
Instrument :
BNA_G
ClientSampleId :
PB145265BS



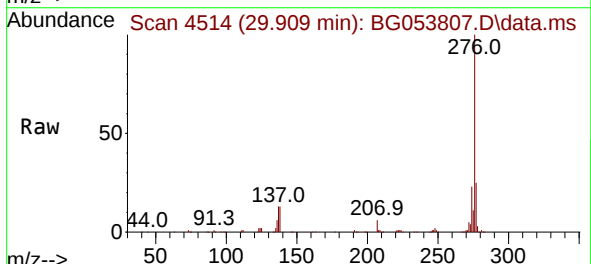
Tgt Ion:278 Resp: 59472
Ion Ratio Lower Upper
278 100
139 10.2 7.2 10.8
279 23.7 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#92
Benzo(g,h,i)perylene
Concen: 42.656 ng
RT: 29.909 min Scan# 4514
Delta R.T. 0.009 min
Lab File: BG053807.D
Acq: 3 Jun 2022 10:57



Tgt Ion:276 Resp: 585584
Ion Ratio Lower Upper
276 100
277 24.9 17.3 25.9
138 12.9 9.6 14.4

