

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053827.D
 Acq On : 6 Jun 2022 13:23
 Operator : CG/JU
 Sample : PB145261BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145261BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/07/2022
 Supervised By : Jagrut Upadhyay 06/07/2022

Quant Time: Jun 07 04:18:28 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	8.095	152	30375	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	126281	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	88224	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	210928	20.000	ng	0.00
76) Chrysene-d12	21.737	240	224668	20.000	ng	0.00
86) Perylene-d12	25.004	264	225540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	214806	129.863	ng	0.00
7) Phenol-d6	7.243	99	276017	123.187	ng	0.00
23) Nitrobenzene-d5	9.252	82	167650	87.181	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	140647	131.333	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	455321	77.208	ng	0.00
79) Terphenyl-d14	20.063	244	902408	79.907	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.547	88	23367	29.215	ng	91
3) Pyridine	3.946	79	59367	30.623	ng	93
4) n-Nitrosodimethylamine	3.858	42	38604	44.102	ng	94
6) Aniline	7.413	93	94332	34.591	ng	99
8) 2-Chlorophenol	7.654	128	79121	46.728	ng	96
9) Benzaldehyde	7.225	77	11123	7.445	ng	# 73
10) Phenol	7.272	94	104086	44.956	ng	95
11) bis(2-Chloroethyl)ether	7.507	93	74389	40.849	ng	96
12) 1,3-Dichlorobenzene	7.983	146	88318	40.988	ng	93
13) 1,4-Dichlorobenzene	8.130	146	87451	39.908	ng	97
14) 1,2-Dichlorobenzene	8.447	146	86965	41.426	ng	95
15) Benzyl Alcohol	8.324	79	73814	44.012	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.617	45	119343	37.353	ng	100
17) 2-Methylphenol	8.523	107	69476	43.900	ng	89
18) Hexachloroethane	9.181	117	29515	40.709	ng	# 85
19) n-Nitroso-di-n-propyla...	8.894	70	64424	40.596	ng	97
20) 3+4-Methylphenols	8.852	107	93779	43.614	ng	95
22) Acetophenone	8.911	105	120987	38.800	ng	# 96
24) Nitrobenzene	9.293	77	88345	41.747	ng	# 88
25) Isophorone	9.816	82	172099	39.929	ng	97
26) 2-Nitrophenol	10.004	139	33227	47.741	ng	# 78
27) 2,4-Dimethylphenol	10.063	122	76957	49.666	ng	89
28) bis(2-Chloroethoxy)met...	10.298	93	101926	43.518	ng	100
29) 2,4-Dichlorophenol	10.545	162	85855	46.134	ng	91
30) 1,2,4-Trichlorobenzene	10.762	180	94998	40.332	ng	97
31) Naphthalene	10.950	128	240779	37.255	ng	100
32) Benzoic acid	10.198	122	30894	34.753	ng	# 80
33) 4-Chloroaniline	11.050	127	65555	24.465	ng	# 94
34) Hexachlorobutadiene	11.244	225	66540	39.875	ng	97
35) Caprolactam	11.820	113	23785m	44.718	ng	
36) 4-Chloro-3-methylphenol	12.160	107	87449	44.151	ng	88
37) 2-Methylnaphthalene	12.548	142	175555	37.443	ng	95
38) 1-Methylnaphthalene	12.766	142	169123	36.886	ng	98
40) 1,2,4,5-Tetrachloroben...	12.918	216	121528	41.021	ng	97
41) Hexachlorocyclopentadiene	12.901	237	132530	88.006	ng	97
43) 2,4,6-Trichlorophenol	13.147	196	74826	46.571	ng	99

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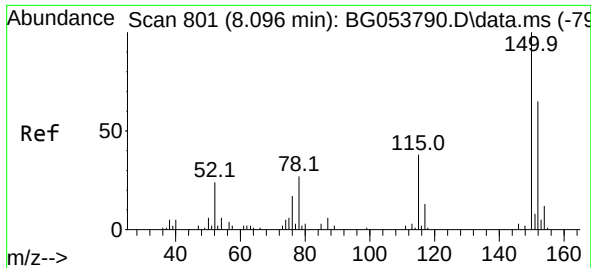
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.218	196	82759	46.294	ng	93
46) 1,1'-Biphenyl	13.553	154	246655	39.228	ng	99
47) 2-Chloronaphthalene	13.594	162	195178	39.900	ng	97
48) 2-Nitroaniline	13.782	65	54551	44.274	ng	95
49) Acenaphthylene	14.440	152	322219	41.060	ng	100
50) Dimethylphthalate	14.164	163	260345	40.267	ng	99
51) 2,6-Dinitrotoluene	14.276	165	52874	45.833	ng	85
52) Acenaphthene	14.781	154	206196	41.357	ng	98
53) 3-Nitroaniline	14.605	138	40614	33.497	ng	89
54) 2,4-Dinitrophenol	14.810	184	44038	76.986	ng	# 74
55) Dibenzofuran	15.110	168	312320	39.296	ng	96
56) 4-Nitrophenol	14.910	139	86747	83.900	ng	# 81
57) 2,4-Dinitrotoluene	15.063	165	72664	46.228	ng	# 92
58) Fluorene	15.762	166	251145	38.164	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.333	232	76232	39.562	ng	# 94
60) Diethylphthalate	15.527	149	260379	39.764	ng	97
61) 4-Chlorophenyl-phenyle...	15.750	204	144770	40.806	ng	92
62) 4-Nitroaniline	15.768	138	53495	39.804	ng	# 74
63) Azobenzene	16.044	77	224551	36.649	ng	92
65) 4,6-Dinitro-2-methylph...	15.827	198	32911	41.597	ng	87
66) n-Nitrosodiphenylamine	15.962	169	232609	41.471	ng	99
67) 4-Bromophenyl-phenylether	16.643	248	99872	43.578	ng	95
68) Hexachlorobenzene	16.767	284	108992	42.666	ng	95
69) Atrazine	16.908	200	98882	45.027	ng	96
70) Pentachlorophenol	17.108	266	121285	74.968	ng	99
71) Phenanthrene	17.501	178	437659	39.420	ng	97
72) Anthracene	17.589	178	437004	40.218	ng	100
73) Carbazole	17.854	167	396665	40.443	ng	99
74) Di-n-butylphthalate	18.418	149	460853	40.861	ng	# 98
75) Fluoranthene	19.505	202	561866	39.018	ng	97
77) Benzidine	19.675	184	197646	35.976	ng	99
78) Pyrene	19.869	202	560374	39.220	ng	98
80) Butylbenzylphthalate	20.750	149	195285	41.909	ng	93
81) Benzo(a)anthracene	21.714	228	584061	39.158	ng	99
82) 3,3'-Dichlorobenzidine	21.626	252	168120	39.990	ng	99
83) Chrysene	21.784	228	536929	38.137	ng	97
84) Bis(2-ethylhexyl)phtha...	21.626	149	293274	43.768	ng	95
85) Di-n-octyl phthalate	22.860	149	501161	44.974	ng	97
87) Indeno(1,2,3-cd)pyrene	28.741	276	663727	39.925	ng	# 97
88) Benzo(b)fluoranthene	23.964	252	601050	42.925	ng	99
89) Benzo(k)fluoranthene	24.035	252	579048	41.837	ng	98
90) Benzo(a)pyrene	24.845	252	581404	49.097	ng	# 98
91) Dibenzo(a,h)anthracene	28.806	278	580018	42.222	ng	97
92) Benzo(g,h,i)perylene	29.910	276	572861	42.306	ng	94

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.095 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BG053827.D
 Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

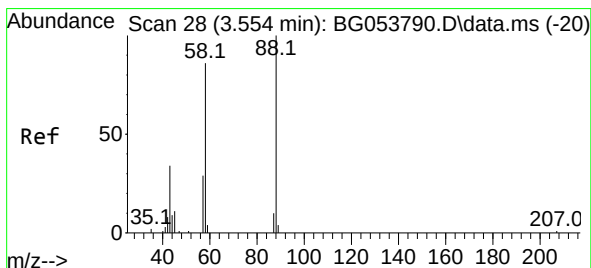
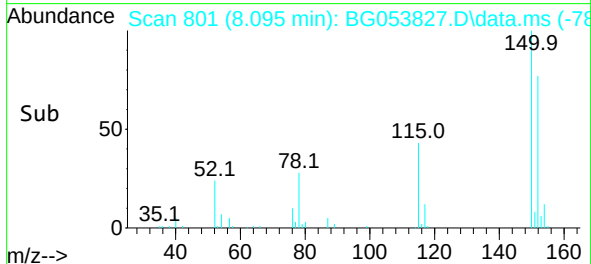
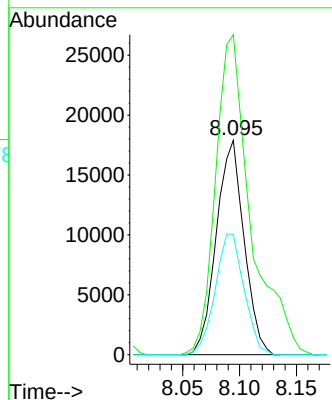
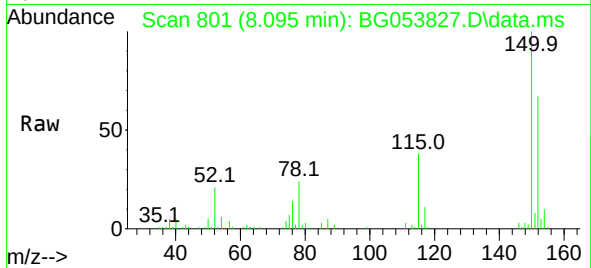
PB145261BS

Tgt Ion:152 Resp: 3037
 Ion Ratio Lower Upper
 152 100
 150 149.3 131.6 197.4
 115 56.1 50.9 76.3

Manual Integrations

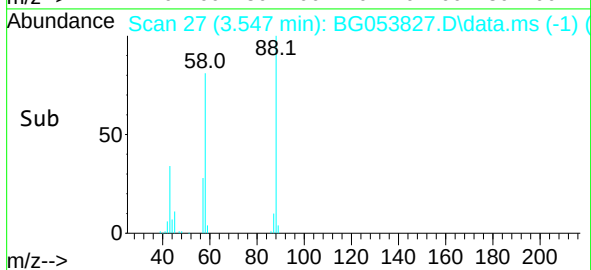
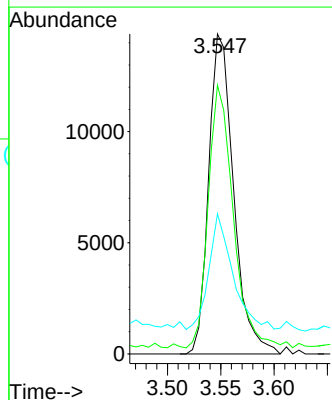
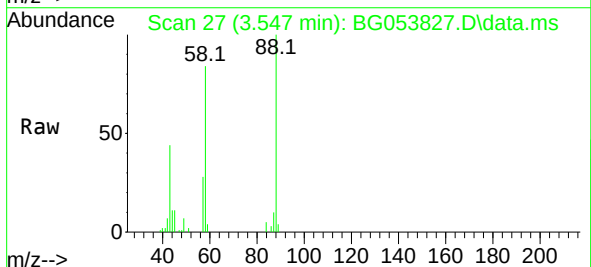
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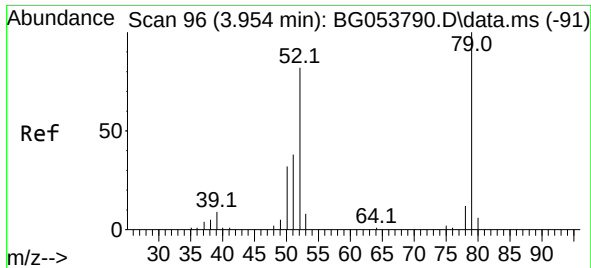
Reviewed By :Christian Giraldo 06/07/2022
 Supervised By :Jagrut Upadhyay 06/07/2022



#2
 1,4-Dioxane
 Concen: 29.215 ng
 RT: 3.547 min Scan# 27
 Delta R.T. -0.007 min
 Lab File: BG053827.D
 Acq: 6 Jun 2022 13:23

Tgt Ion: 88 Resp: 23367
 Ion Ratio Lower Upper
 88 100
 58 82.6 59.2 88.8
 43 34.5 24.3 36.5





#3
Pyridine
Concen: 30.623 ng
RT: 3.946 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

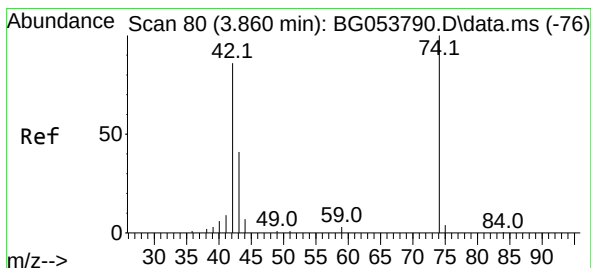
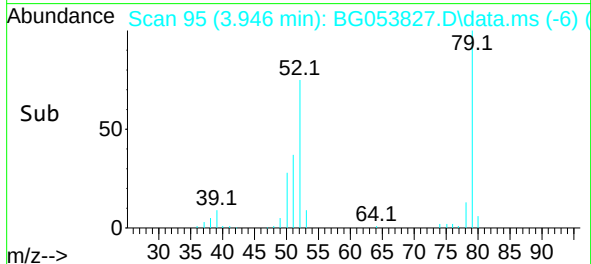
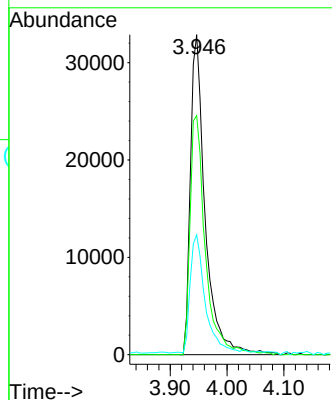
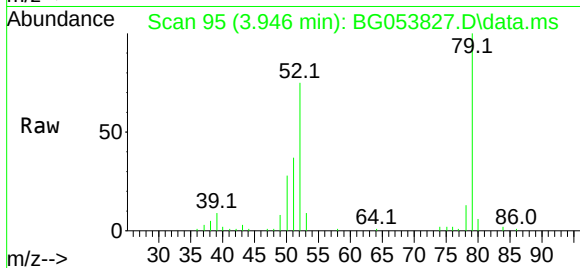
ClientSampleId :

PB145261BS

Tgt Ion: 79 Resp: 5936
Ion Ratio Lower Upper
79 100
52 74.7 54.6 81.8
51 37.5 32.5 48.7

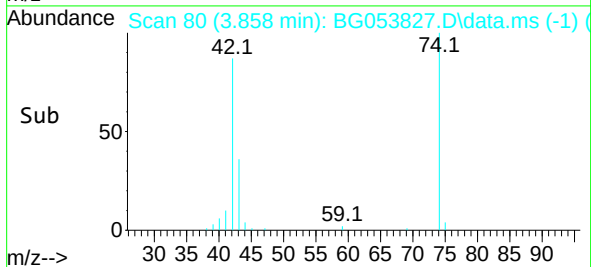
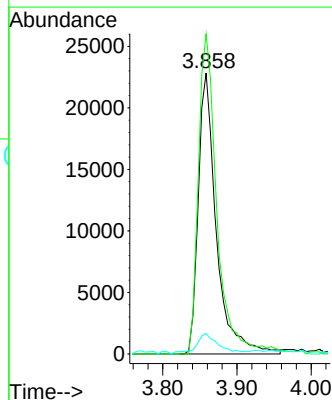
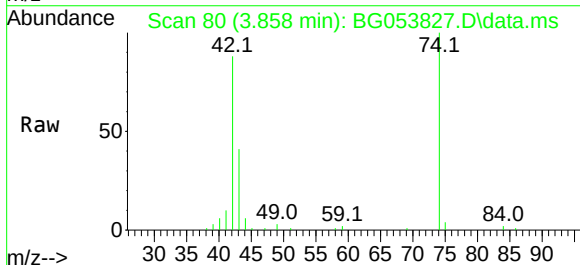
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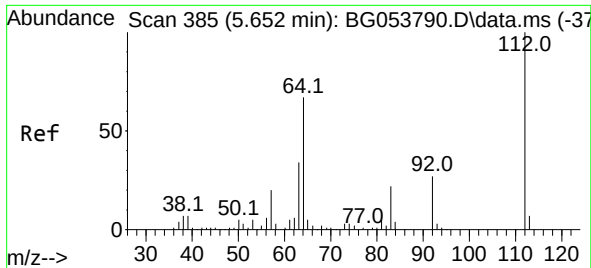
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#4
n-Nitrosodimethylamine
Concen: 44.102 ng
RT: 3.858 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Tgt Ion: 42 Resp: 38604
Ion Ratio Lower Upper
42 100
74 113.9 97.0 145.4
44 7.3 7.0 10.4





#5
2-Fluorophenol
Concen: 129.863 ng
RT: 5.656 min Scan# 385
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

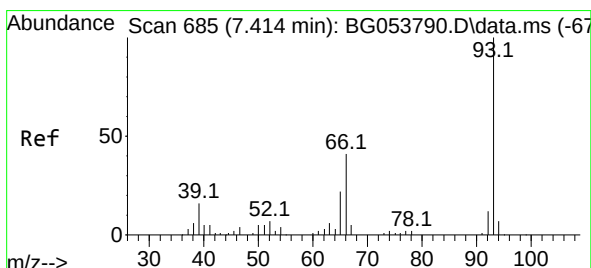
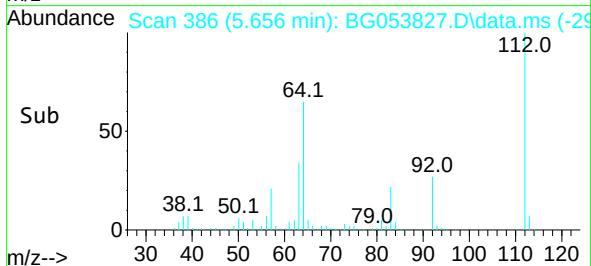
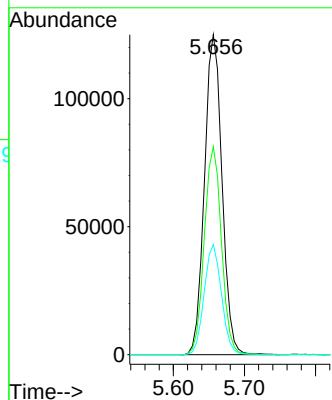
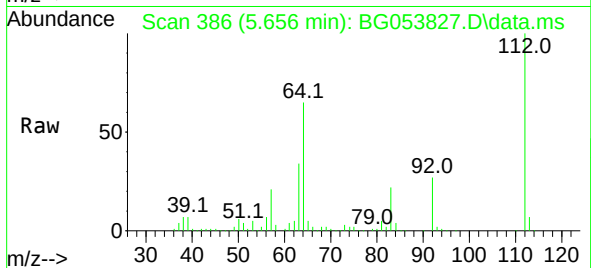
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Tgt Ion:112 Resp: 214800
Ion Ratio Lower Upper
112 100
64 65.0 55.1 82.7
63 34.5 30.4 45.6

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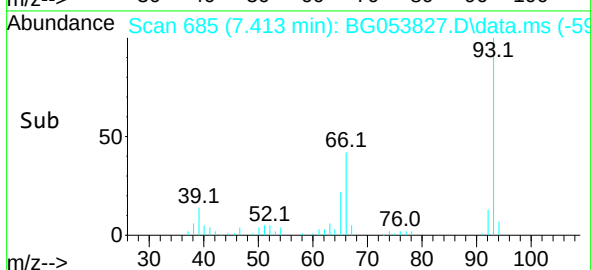
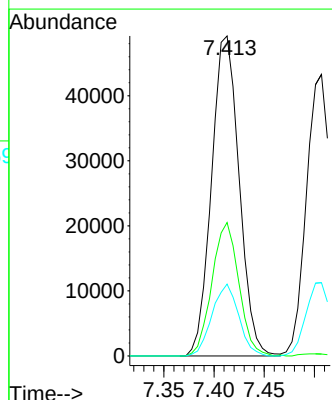
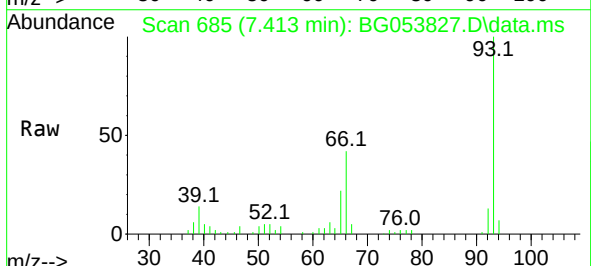
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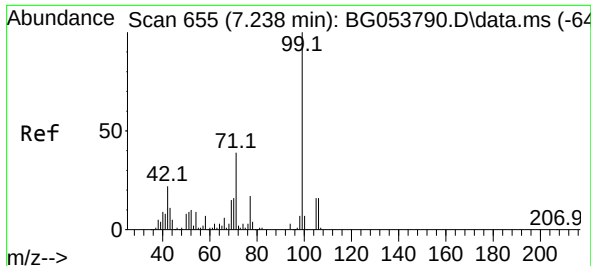
Reviewed By :Christian Giraldo 06/07/2022
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#6
Aniline
Concen: 34.591 ng
RT: 7.413 min Scan# 685
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

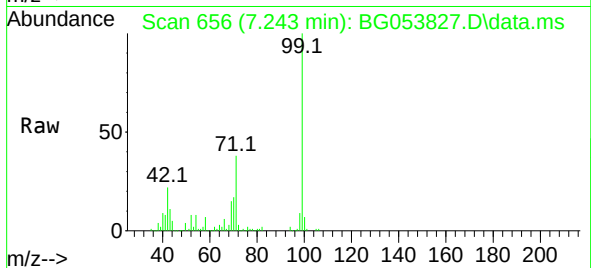
Tgt Ion: 93 Resp: 94332
Ion Ratio Lower Upper
93 100
66 41.7 32.9 49.3
65 22.5 17.8 26.8





#7
Phenol-d6
Concen: 123.187 ng
RT: 7.243 min Scan# 655
Delta R.T. 0.005 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

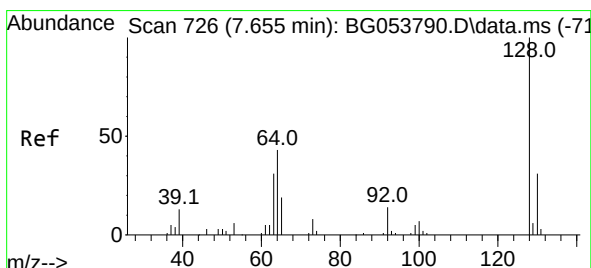
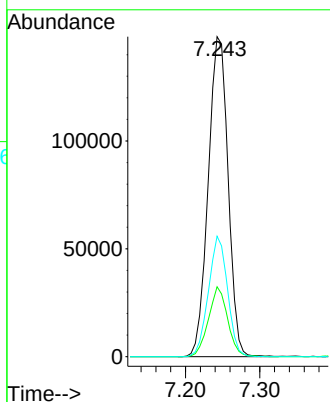
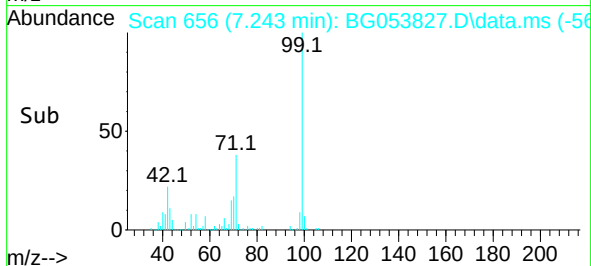
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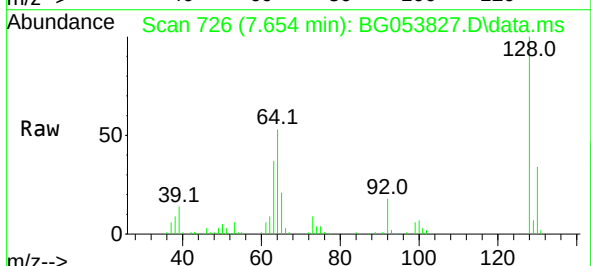
Tgt Ion: 99 Resp: 27601
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 37.6 33.8 50.8

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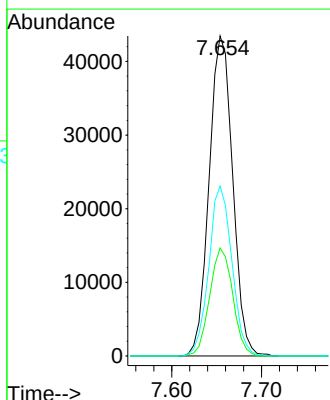
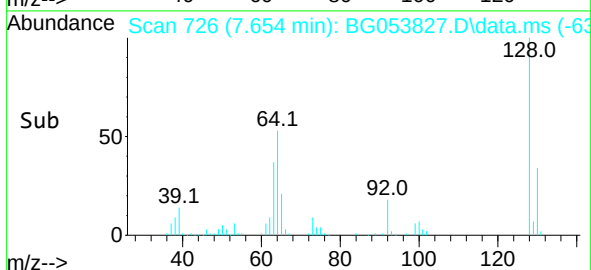
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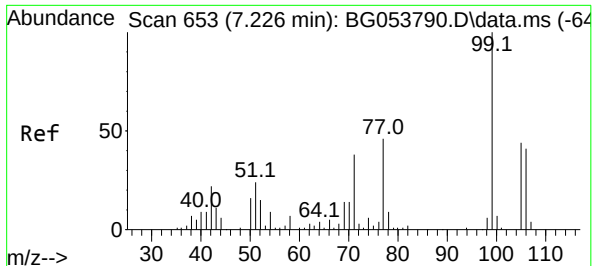


#8
2-Chlorophenol
Concen: 46.728 ng
RT: 7.654 min Scan# 726
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:128 Resp: 79121
Ion Ratio Lower Upper
128 100
130 33.7 10.5 50.5
64 53.0 35.1 75.1





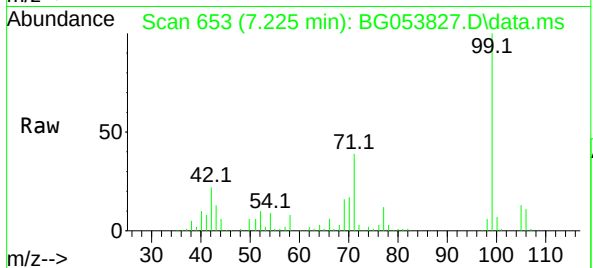
#9
Benzaldehyde
Concen: 7.445 ng
RT: 7.225 min Scan# 611
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

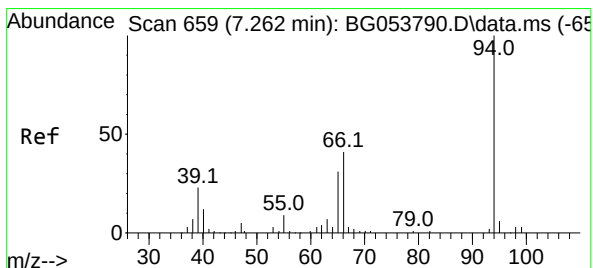
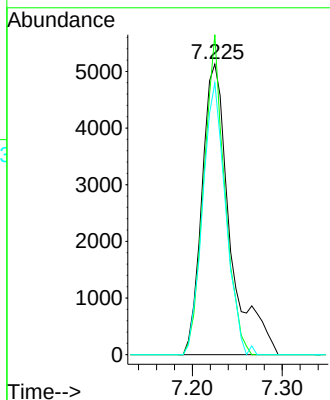
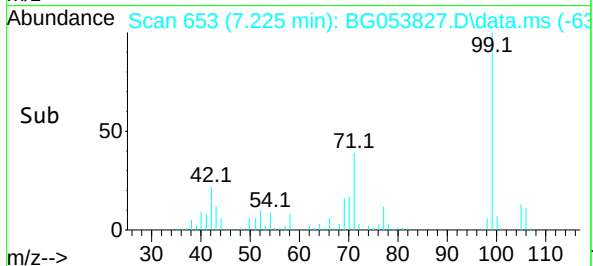


Tgt Ion: 77 Resp: 1112
Ion Ratio Lower Upper
77 100
105 110.1 59.6 99.6
106 93.5 56.8 96.8

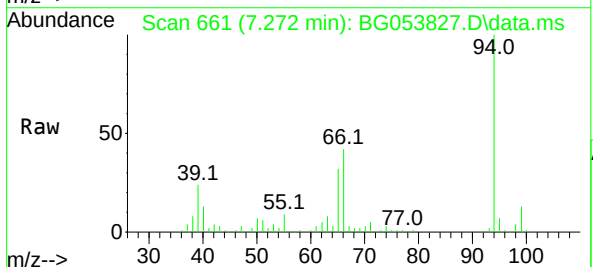
Manual Integrations

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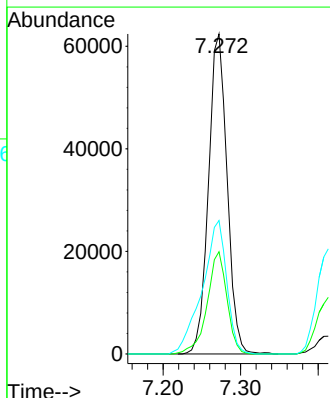
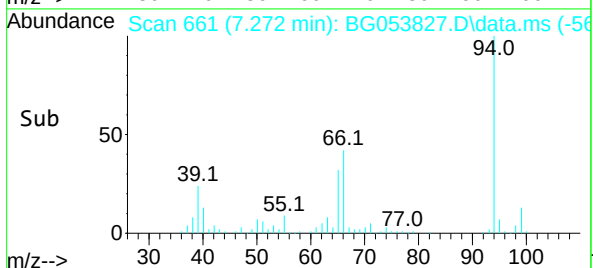
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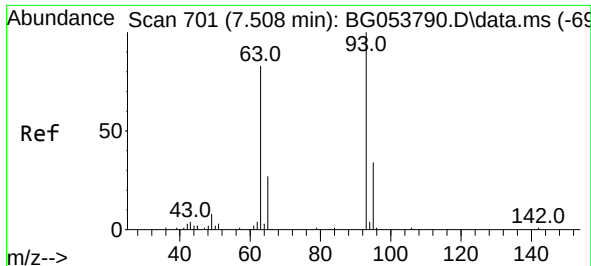


#10
Phenol
Concen: 44.956 ng
RT: 7.272 min Scan# 661
Delta R.T. 0.010 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion: 94 Resp: 104086
Ion Ratio Lower Upper
94 100
65 32.0 14.8 54.8
66 41.7 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 40.849 ng
RT: 7.507 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

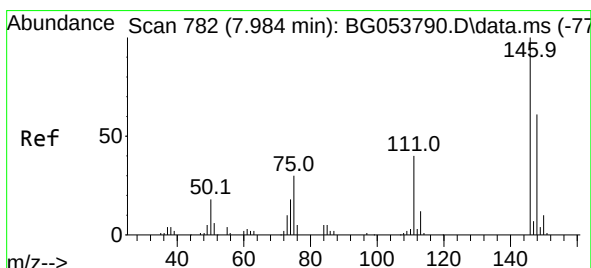
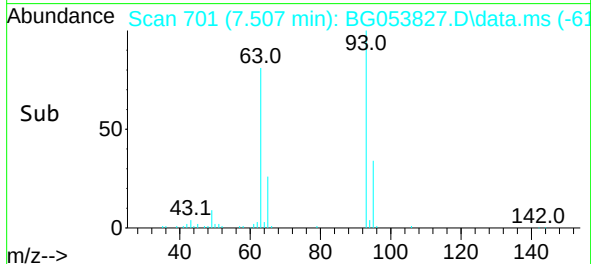
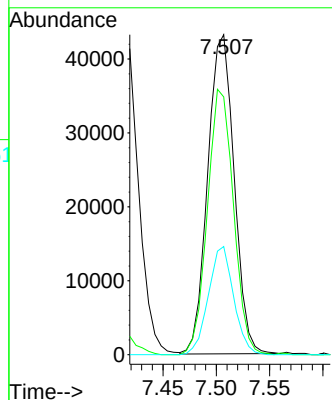
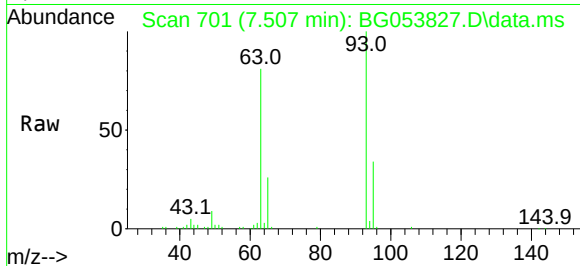
ClientSampleId :

PB145261BS

Tgt Ion: 93 Resp: 74389
Ion Ratio Lower Upper
93 100
63 80.6 63.6 103.6
95 33.8 10.1 50.1

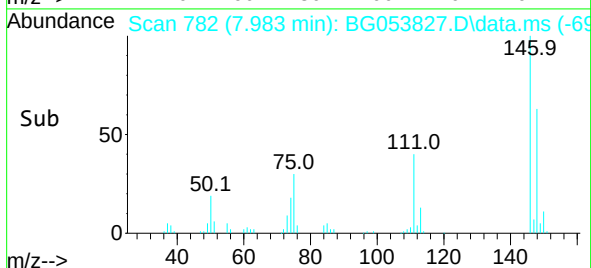
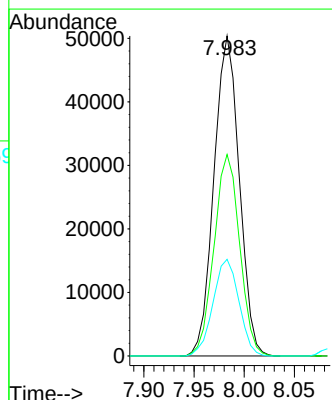
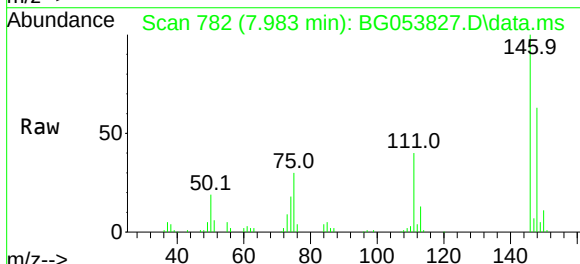
Manual Integrations
APPROVED

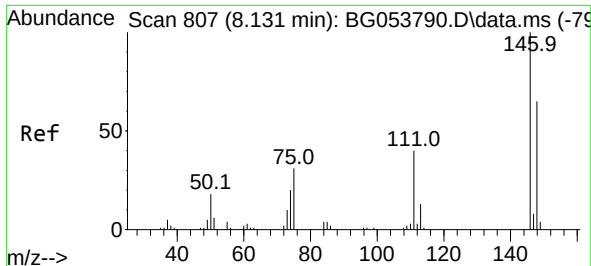
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#12
1,3-Dichlorobenzene
Concen: 40.988 ng
RT: 7.983 min Scan# 782
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Tgt Ion:146 Resp: 88318
Ion Ratio Lower Upper
146 100
148 63.0 46.1 69.1
75 30.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 39.908 ng

RT: 8.130 min Scan# 807

Delta R.T. -0.001 min

Lab File: BG053827.D

Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

Tgt Ion:146 Resp: 8745

Ion Ratio Lower Upper

146 100

148 64.5 51.5 77.3

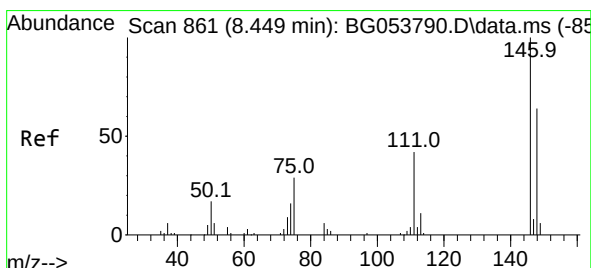
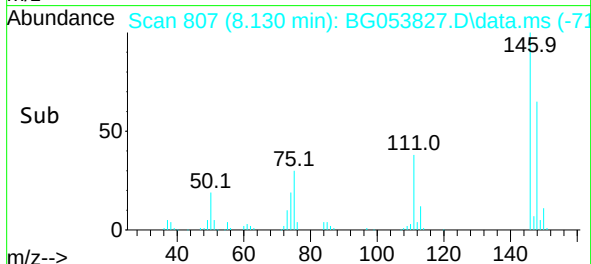
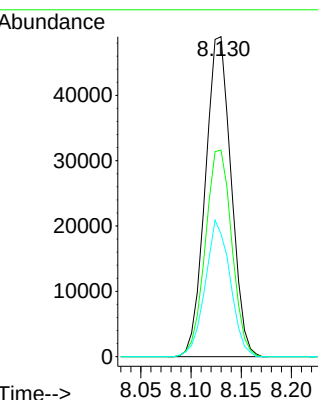
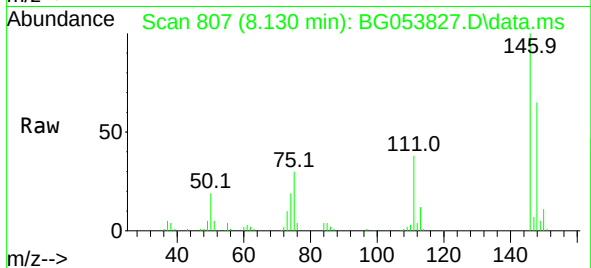
111 38.3 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/07/2022

Supervised By :Jagrut Upadhyay 06/07/2022



#14

1,2-Dichlorobenzene

Concen: 41.426 ng

RT: 8.447 min Scan# 861

Delta R.T. -0.001 min

Lab File: BG053827.D

Acq: 6 Jun 2022 13:23

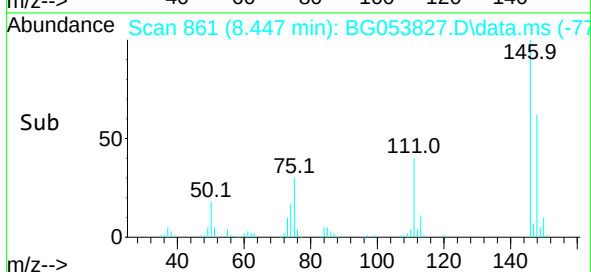
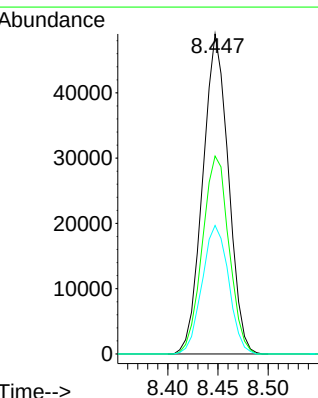
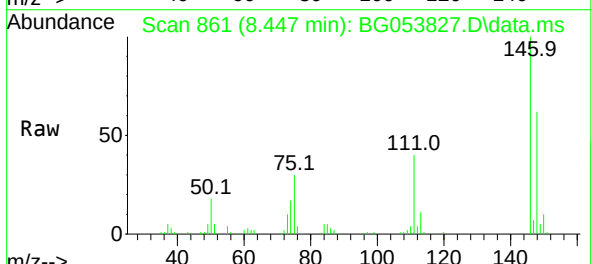
Tgt Ion:146 Resp: 86965

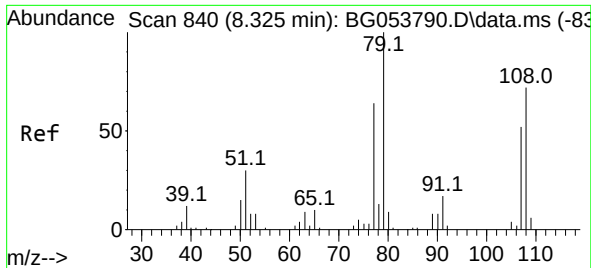
Ion Ratio Lower Upper

146 100

148 61.8 52.6 78.8

111 40.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 44.012 ng
RT: 8.324 min Scan# 840
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

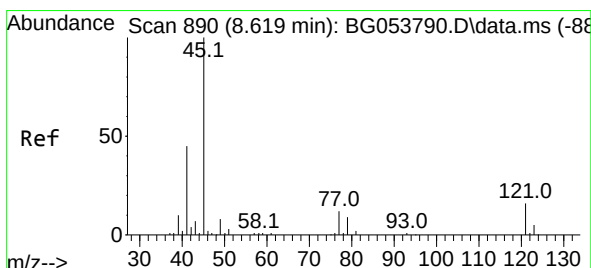
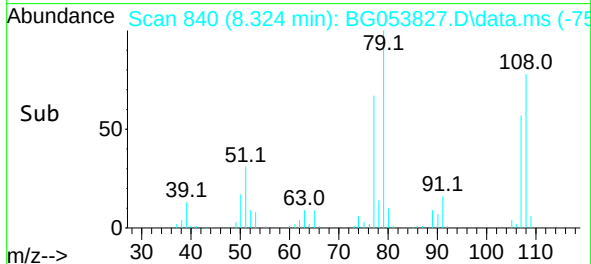
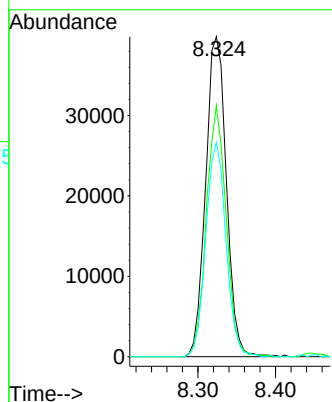
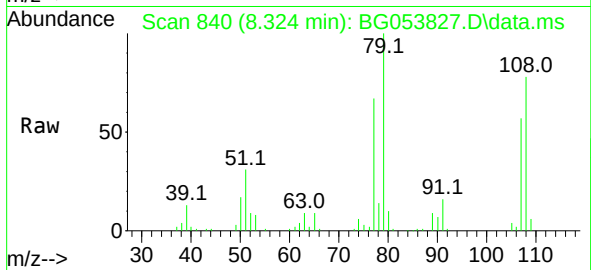
PB145261BS

Tgt Ion: 79 Resp: 73814
Ion Ratio Lower Upper
79 100
108 78.5 53.7 80.5
77 67.0 52.2 78.4

Manual Integrations

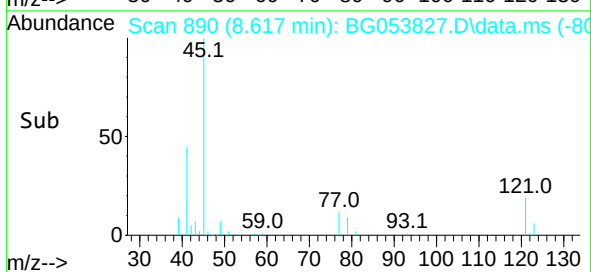
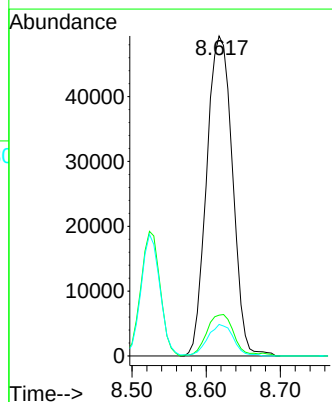
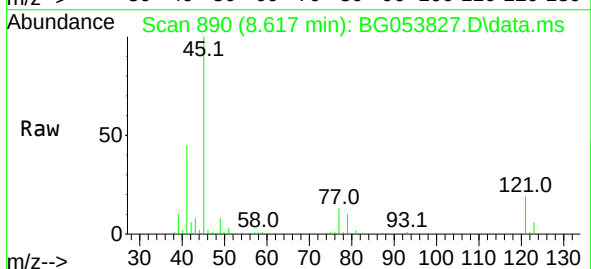
APPROVED

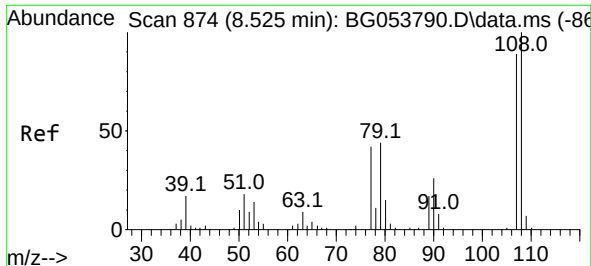
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.353 ng
RT: 8.617 min Scan# 890
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Tgt Ion: 45 Resp: 119343
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.7
79 9.9 0.0 29.7





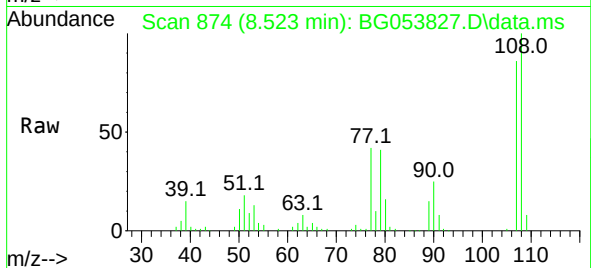
#17
2-Methylphenol
Concen: 43.900 ng
RT: 8.523 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

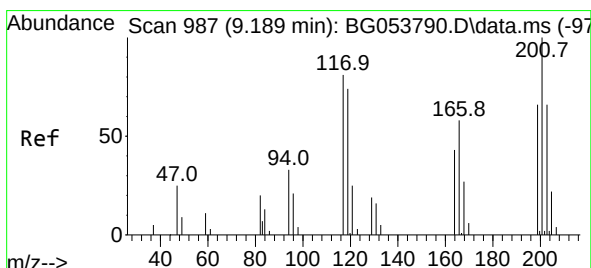
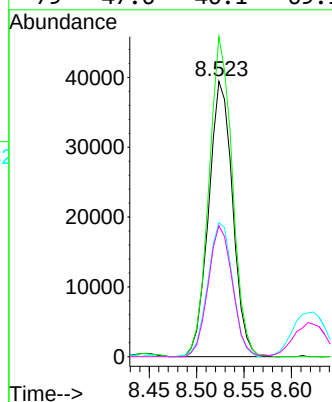


Tgt Ion:107 Resp: 69470
Ion Ratio Lower Upper
107 100
108 116.2 85.4 128.0
77 48.7 46.2 69.2
79 47.6 46.1 69.1

Manual Integrations

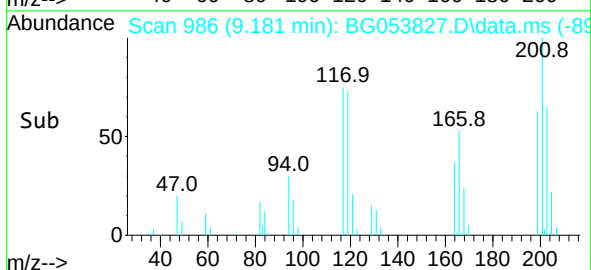
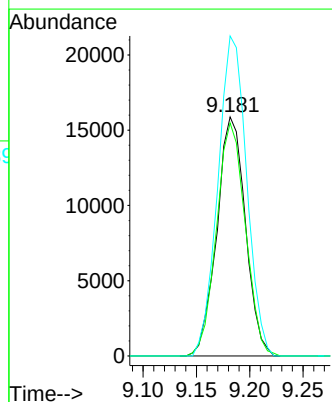
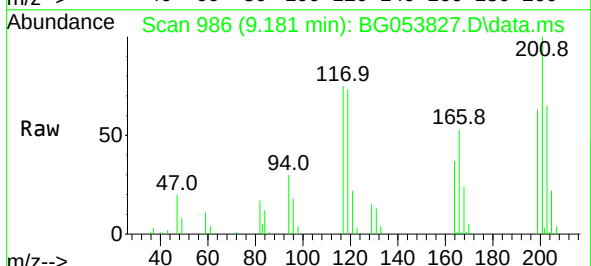
APPROVED

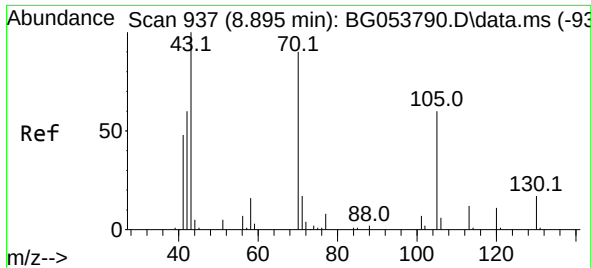
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#18
Hexachloroethane
Concen: 40.709 ng
RT: 9.181 min Scan# 986
Delta R.T. -0.007 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Tgt Ion:117 Resp: 29515
Ion Ratio Lower Upper
117 100
119 97.5 75.0 112.6
201 137.6 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 40.596 ng
RT: 8.894 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

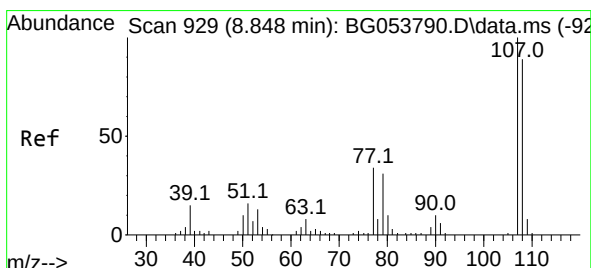
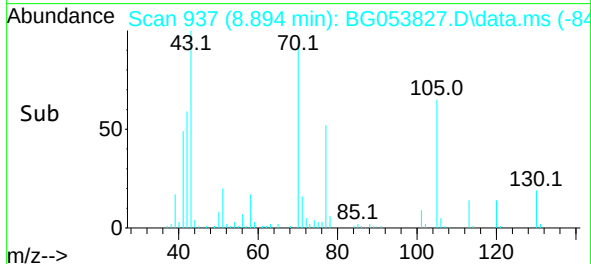
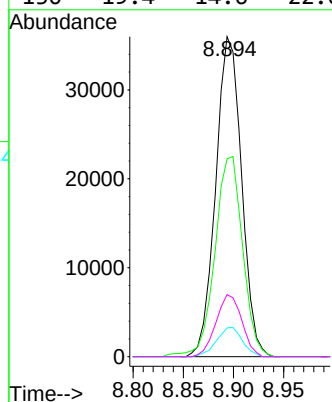
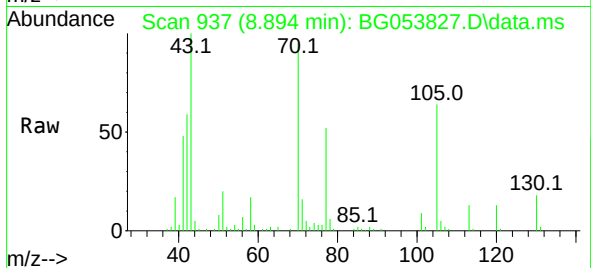
PB145261BS

Tgt Ion: 70 Resp: 64424
Ion Ratio Lower Upper
70 100
42 61.8 47.3 70.9
101 9.0 7.0 10.4
130 19.4 14.6 22.0

Manual Integrations

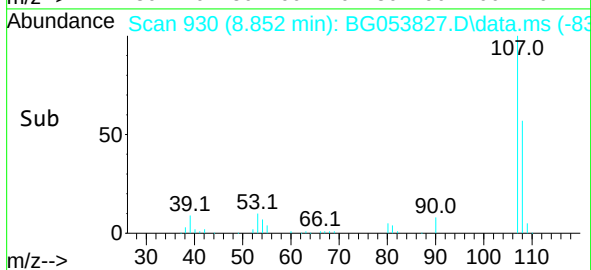
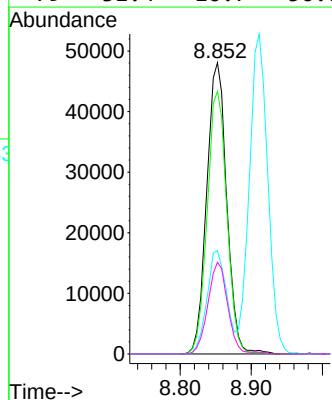
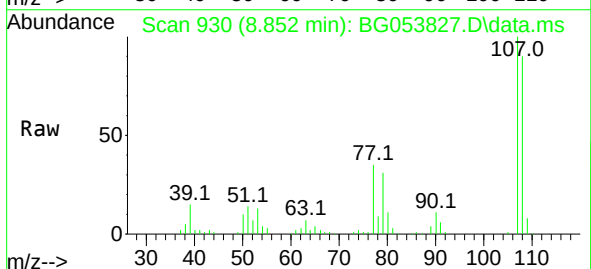
APPROVED

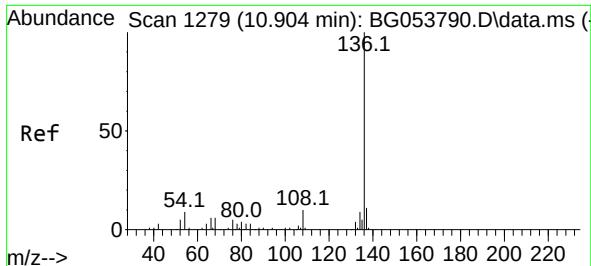
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#20
3+4-Methylphenols
Concen: 43.614 ng
RT: 8.852 min Scan# 930
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Tgt Ion:107 Resp: 93779
Ion Ratio Lower Upper
107 100
108 90.1 67.5 107.5
77 35.5 20.3 60.3
79 31.4 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

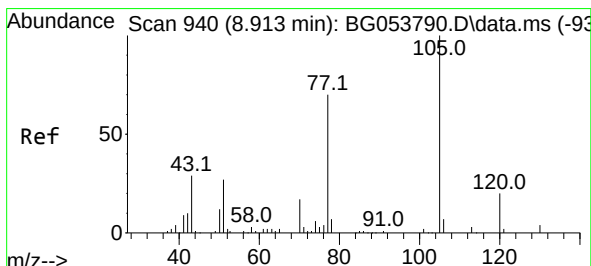
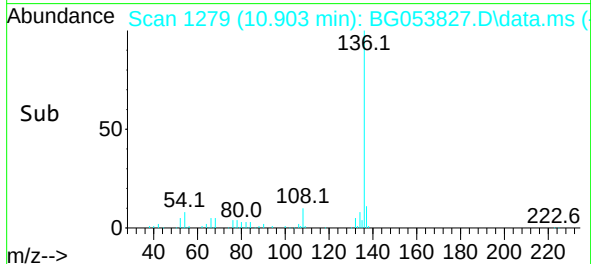
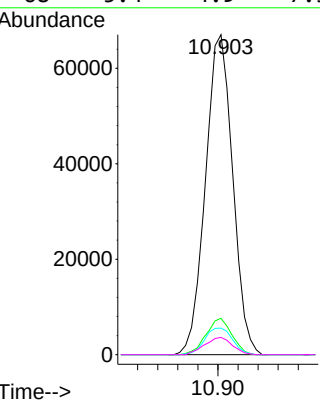
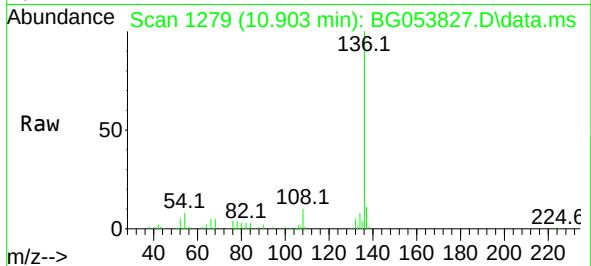
ClientSampleId :

PB145261BS

Tgt Ion:136 Resp: 12628
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 8.3 7.4 11.2
68 5.4 4.9 7.3

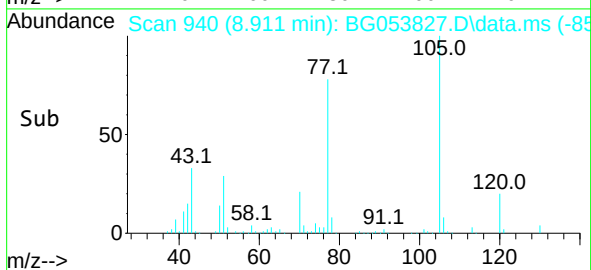
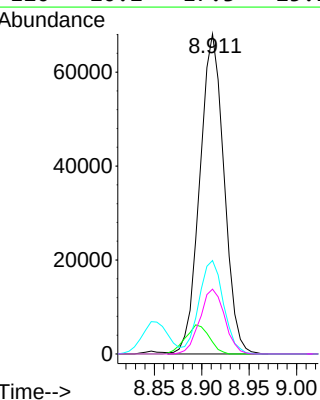
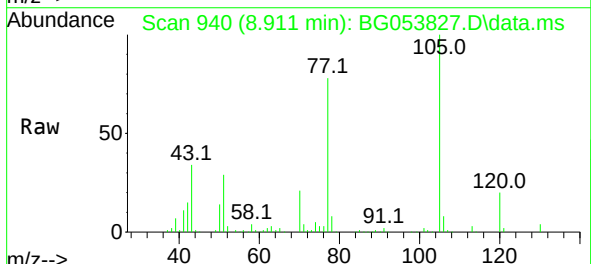
Manual Integrations
APPROVED

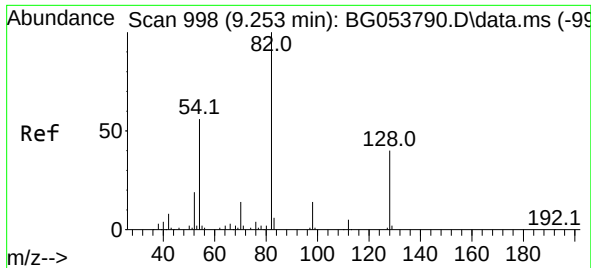
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#22
Acetophenone
Concen: 38.800 ng
RT: 8.911 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

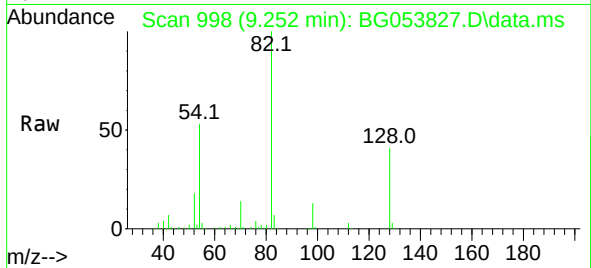
Tgt Ion:105 Resp: 120987
Ion Ratio Lower Upper
105 100
71 3.7 1.1 1.7#
51 29.2 25.4 38.0
120 20.2 17.3 25.9





#23
Nitrobenzene-d5
Concen: 87.181 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

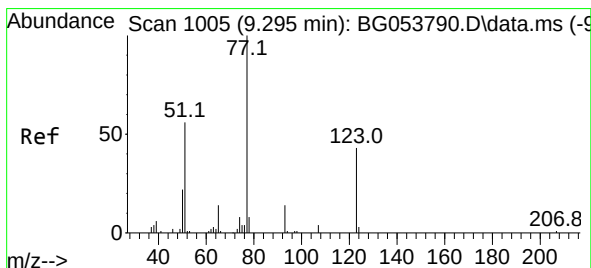
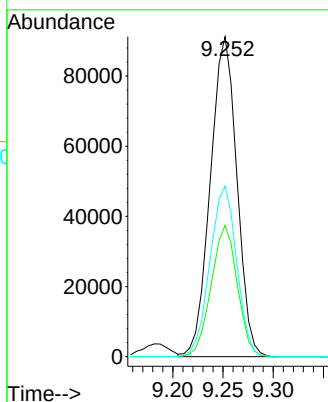
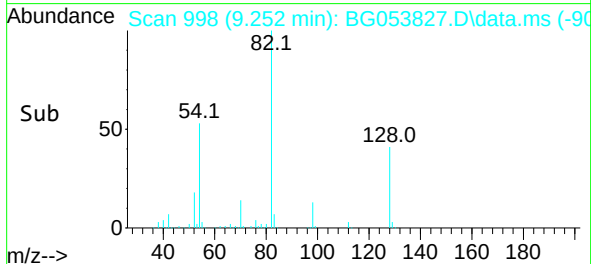
Instrument :
BNA_G
ClientSampleId :
PB145261BS



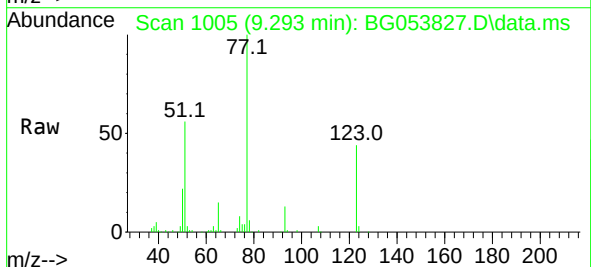
Tgt Ion: 82 Resp: 167650
Ion Ratio Lower Upper
82 100
128 41.0 27.9 41.9
54 53.3 41.2 61.8

Manual Integrations
APPROVED

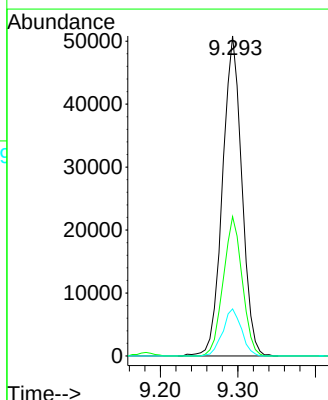
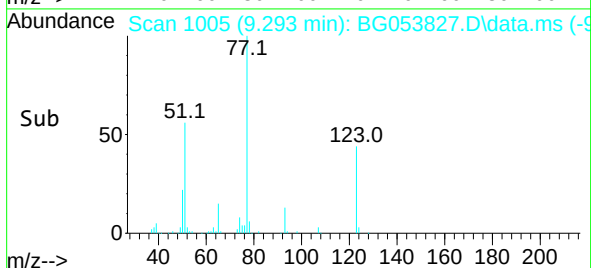
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

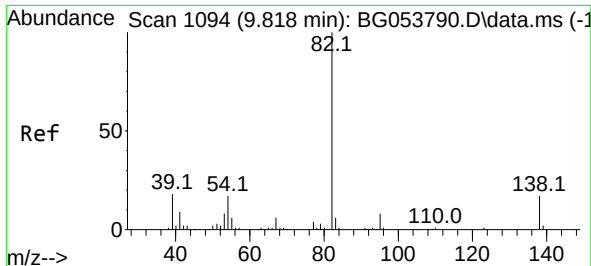


#24
Nitrobenzene
Concen: 41.747 ng
RT: 9.293 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion: 77 Resp: 88345
Ion Ratio Lower Upper
77 100
123 43.6 27.4 41.0#
65 14.7 11.4 17.0





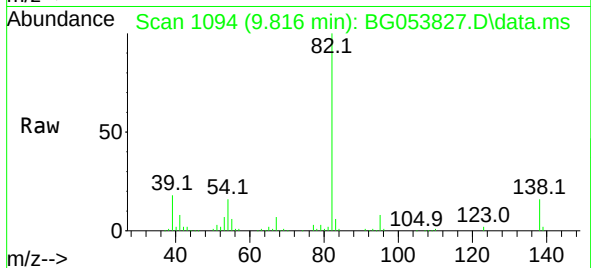
#25
Isophorone
Concen: 39.929 ng
RT: 9.816 min Scan# 1094
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

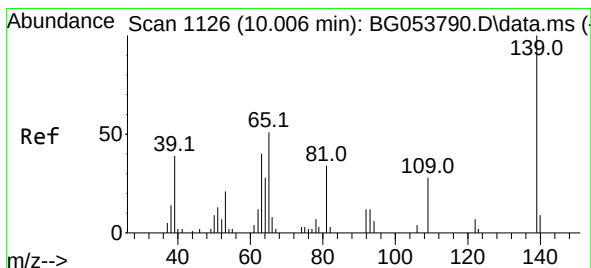
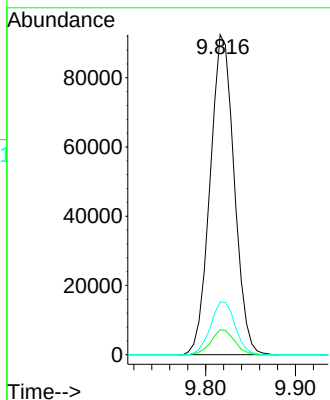
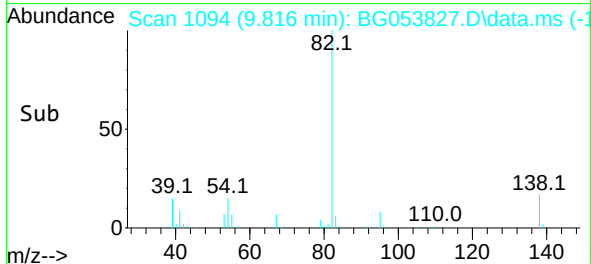
PB145261BS



Tgt Ion: 82 Resp: 172099
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 16.4 11.6 17.4

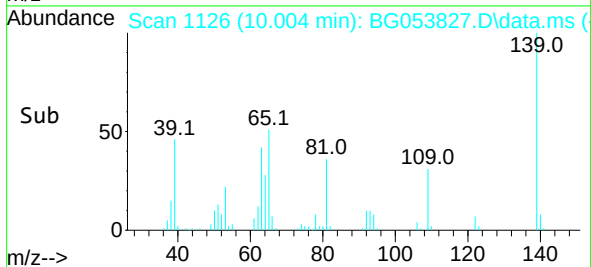
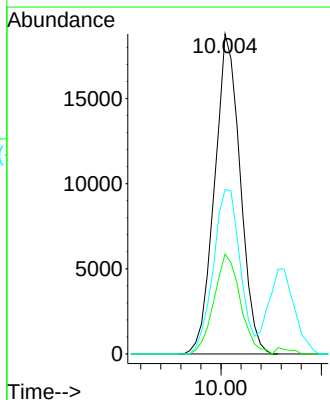
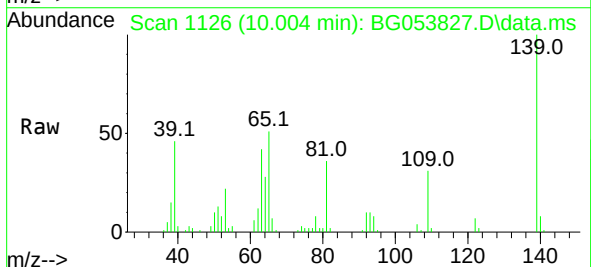
Manual Integrations
APPROVED

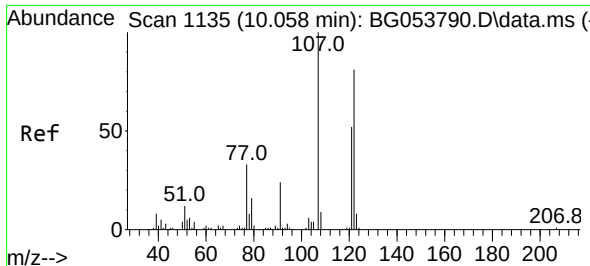
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#26
2-Nitrophenol
Concen: 47.741 ng
RT: 10.004 min Scan# 1126
Delta R.T. -0.002 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Tgt Ion:139 Resp: 33227
Ion Ratio Lower Upper
139 100
109 31.3 36.1 54.1#
65 51.4 55.8 83.6#





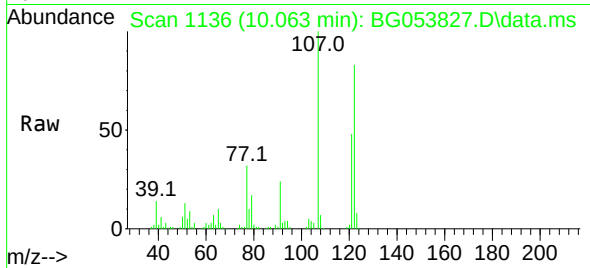
#27
2,4-Dimethylphenol
Concen: 49.666 ng
RT: 10.063 min Scan# 1135
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

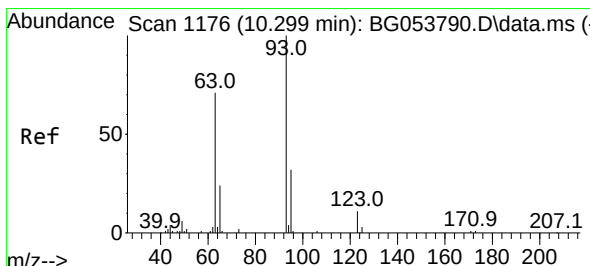
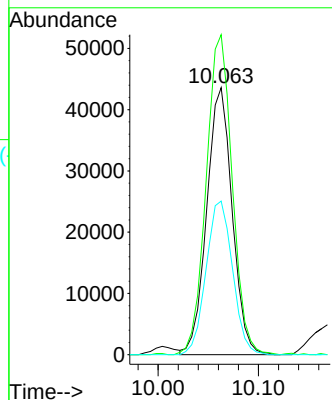
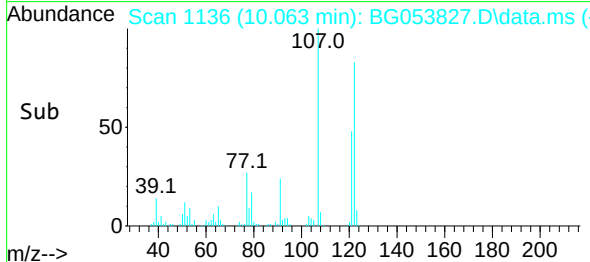


Tgt Ion:122 Resp: 7695
Ion Ratio Lower Upper
122 100
107 119.8 109.4 164.0
121 57.5 48.7 73.1

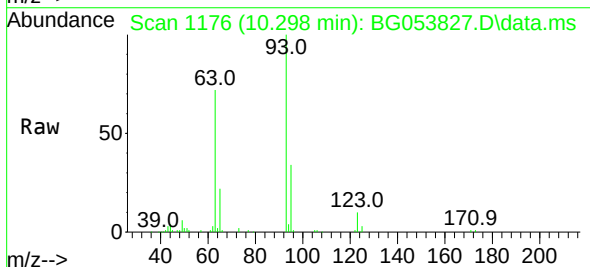
Manual Integrations

APPROVED

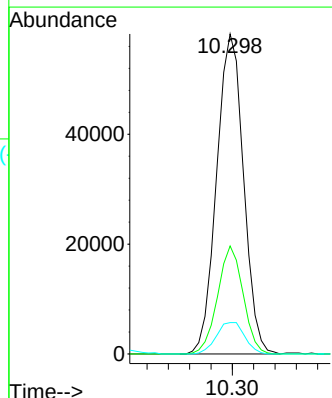
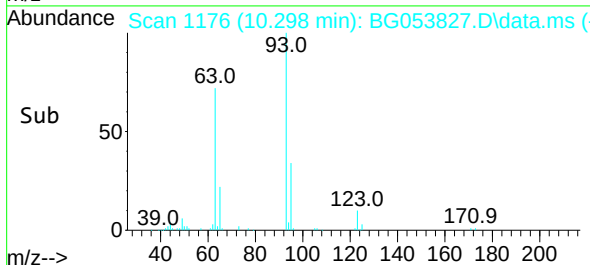
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

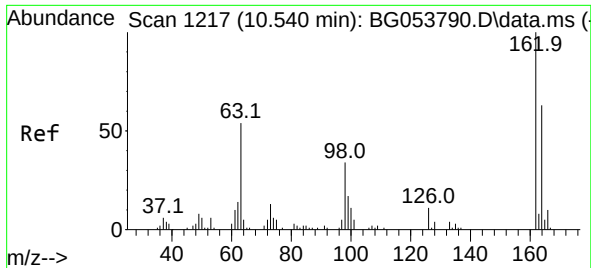


#28
bis(2-Chloroethoxy)methane
Concen: 43.518 ng
RT: 10.298 min Scan# 1176
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion: 93 Resp: 101926
Ion Ratio Lower Upper
93 100
95 33.8 26.9 40.3
123 9.8 7.7 11.5





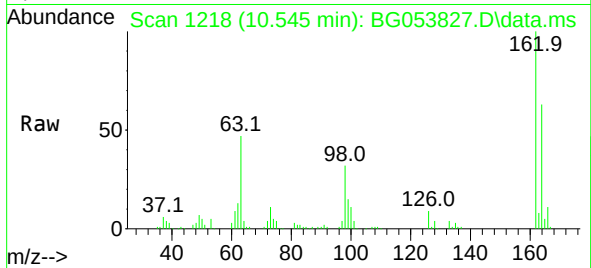
#29
2,4-Dichlorophenol
Concen: 46.134 ng
RT: 10.545 min Scan# 1217
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

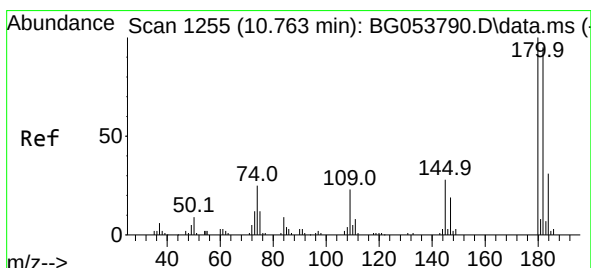
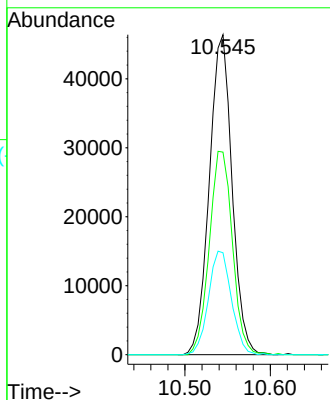
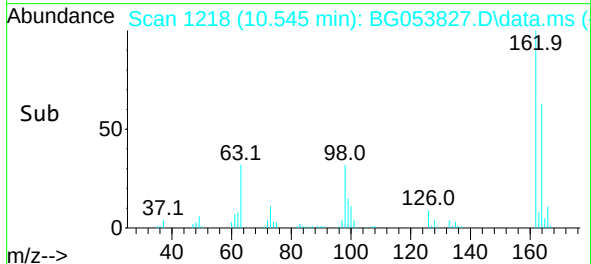


Tgt Ion:162 Resp: 8585
Ion Ratio Lower Upper
162 100
164 63.3 46.6 86.6
98 31.8 22.8 62.8

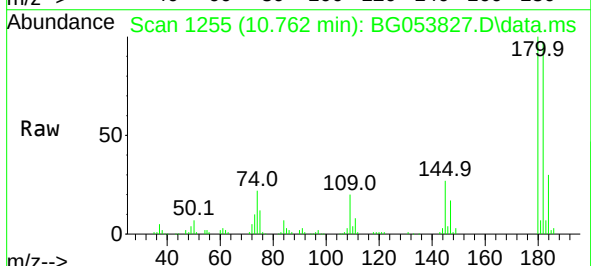
Manual Integrations

APPROVED

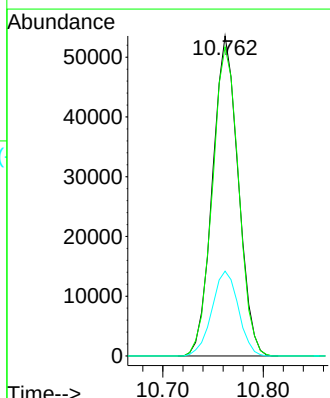
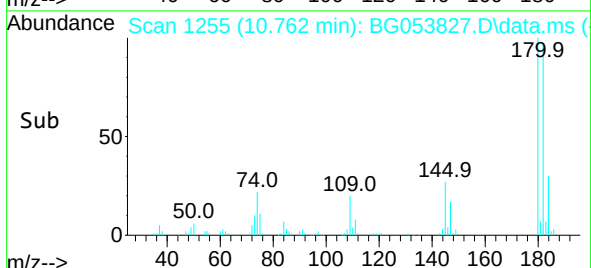
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

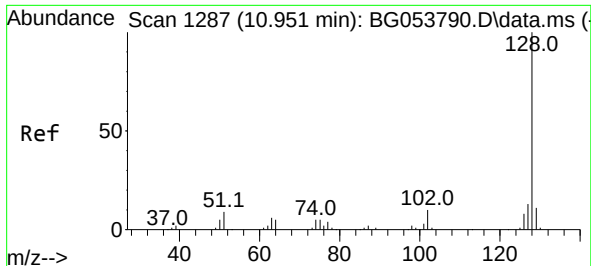


#30
1,2,4-Trichlorobenzene
Concen: 40.332 ng
RT: 10.762 min Scan# 1255
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



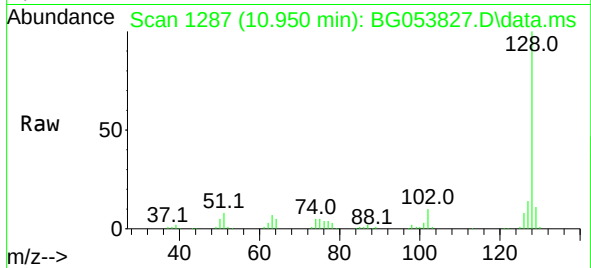
Tgt Ion:180 Resp: 94998
Ion Ratio Lower Upper
180 100
182 96.6 76.6 115.0
145 26.5 25.0 37.4





#31
Naphthalene
Concen: 37.255 ng
RT: 10.950 min Scan# 1159
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

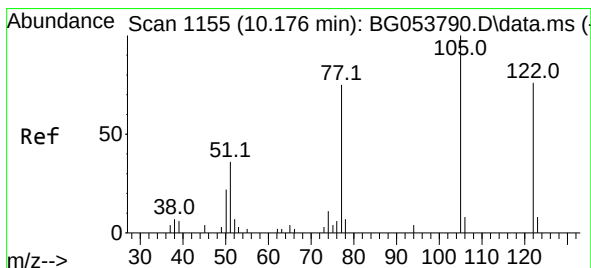
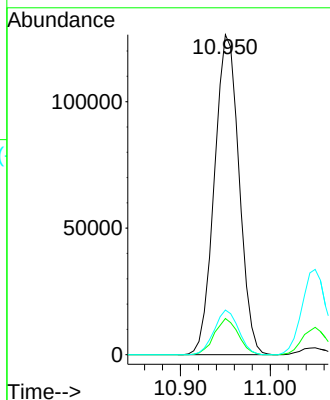
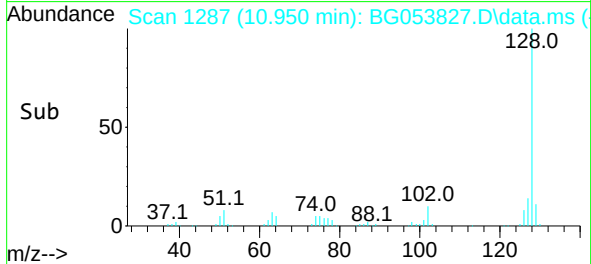
Instrument :
BNA_G
ClientSampleId :
PB145261BS



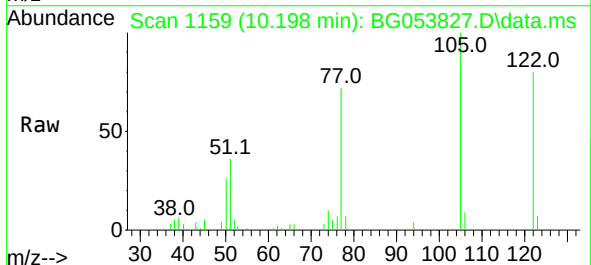
Tgt Ion:128 Resp: 240779
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.0 11.1 16.7

Manual Integrations
APPROVED

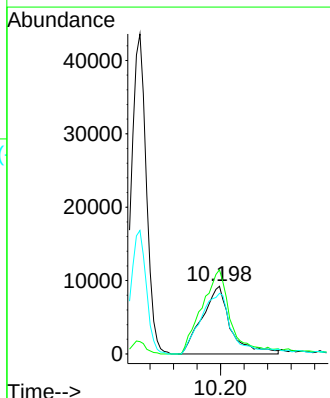
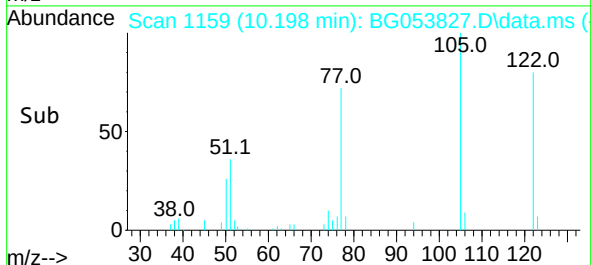
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

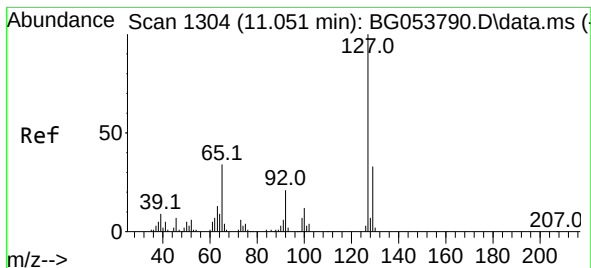


#32
Benzoic acid
Concen: 34.753 ng
RT: 10.198 min Scan# 1159
Delta R.T. 0.022 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:122 Resp: 30894
Ion Ratio Lower Upper
122 100
105 124.5 111.8 151.8
77 89.8 109.4 149.4#





#33
4-Chloroaniline
Concen: 24.465 ng
RT: 11.050 min Scan# 11050
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

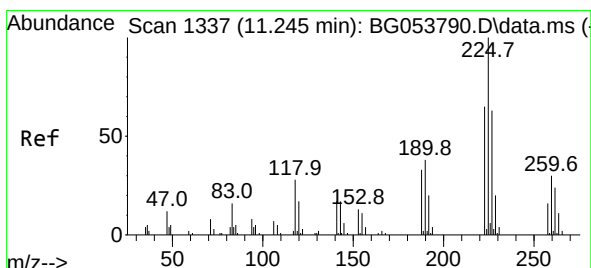
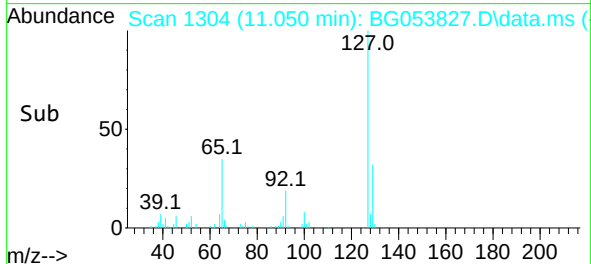
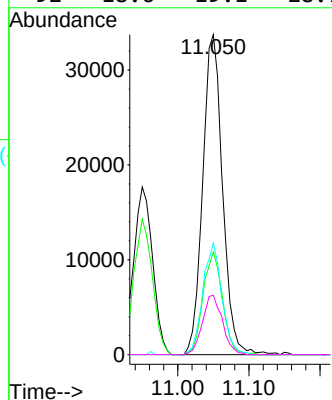
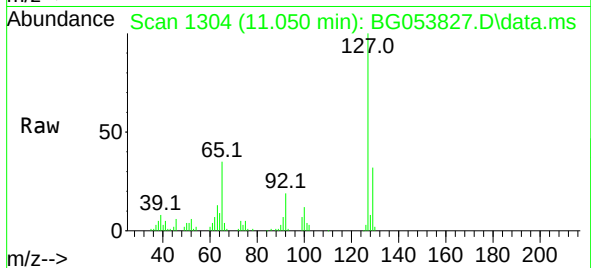
PB145261BS

Tgt Ion:127 Resp: 6555
Ion Ratio Lower Upper
127 100
129 32.1 26.3 39.5
65 34.8 31.1 46.7
92 18.6 19.1 28.7#

Manual Integrations

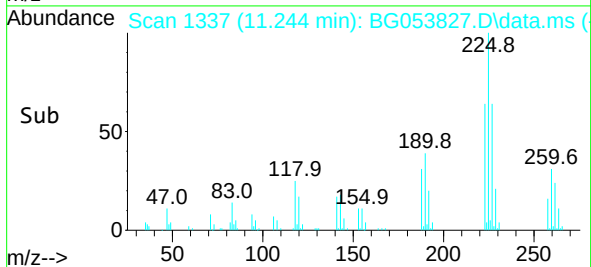
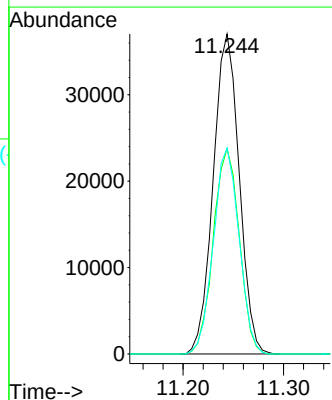
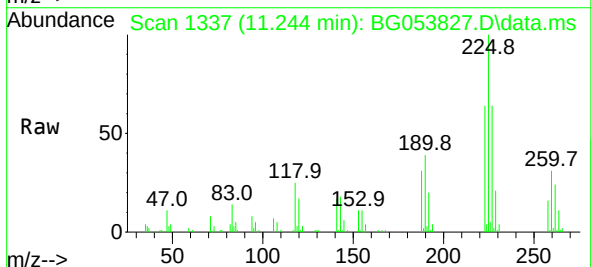
APPROVED

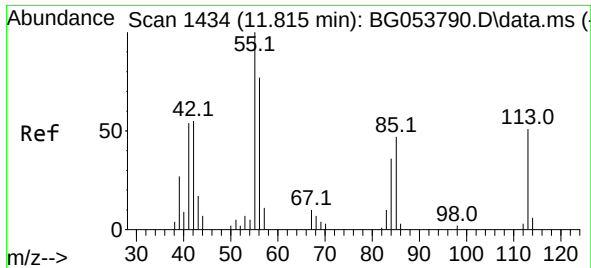
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#34
Hexachlorobutadiene
Concen: 39.875 ng
RT: 11.244 min Scan# 1337
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

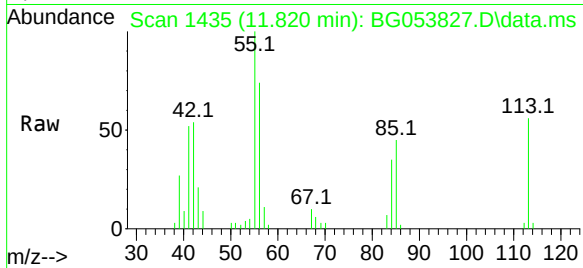
Tgt Ion:225 Resp: 66540
Ion Ratio Lower Upper
225 100
223 64.1 48.9 73.3
227 64.4 52.8 79.2





#35
Caprolactam
Concen: 44.718 ng m
RT: 11.820 min Scan# 1434
Delta R.T. 0.005 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

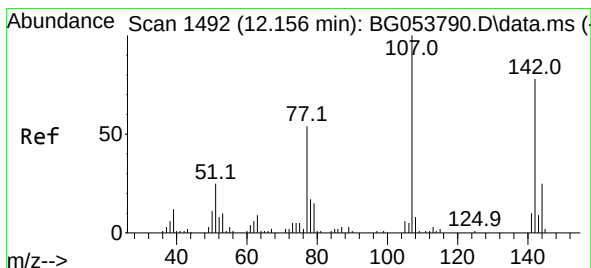
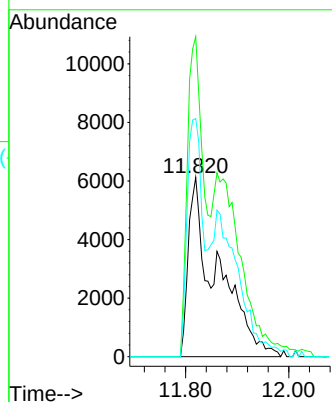
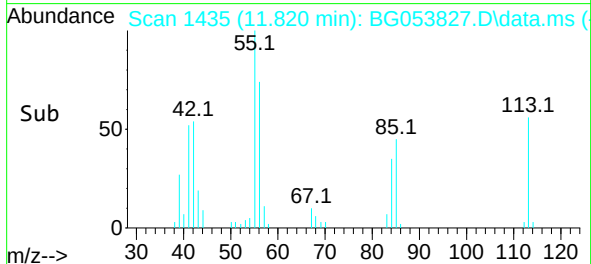
Instrument :
BNA_G
ClientSampleId :
PB145261BS



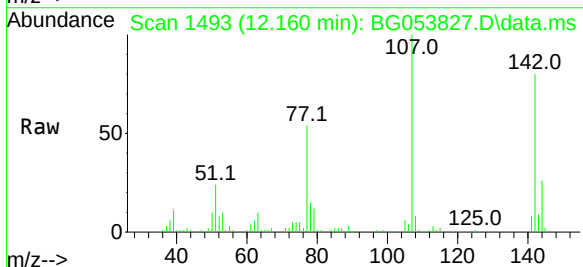
Tgt Ion:113 Resp: 2378
Ion Ratio Lower Upper
113 100
55 178.5 169.8 209.8
56 132.8 141.2 181.2

Manual Integrations
APPROVED

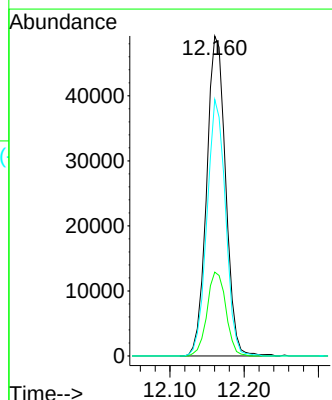
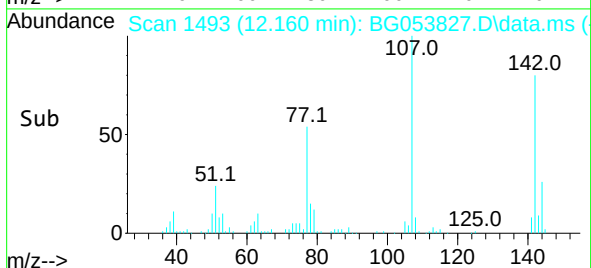
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

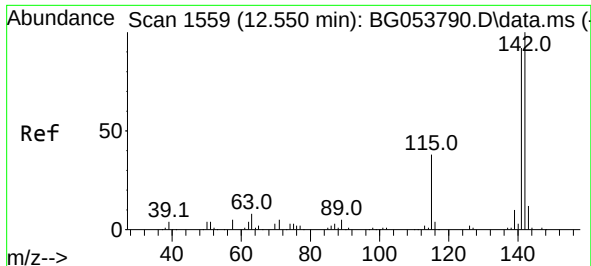


#36
4-Chloro-3-methylphenol
Concen: 44.151 ng
RT: 12.160 min Scan# 1493
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:107 Resp: 87449
Ion Ratio Lower Upper
107 100
144 26.2 18.5 27.7
142 80.1 55.0 82.4





#37

2-Methylnaphthalene

Concen: 37.443 ng

RT: 12.548 min Scan# 1559

Delta R.T. -0.001 min

Lab File: BG053827.D

Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

Tgt Ion:142 Resp: 17555

Ion Ratio Lower Upper

142 100

141 93.7 72.3 108.5

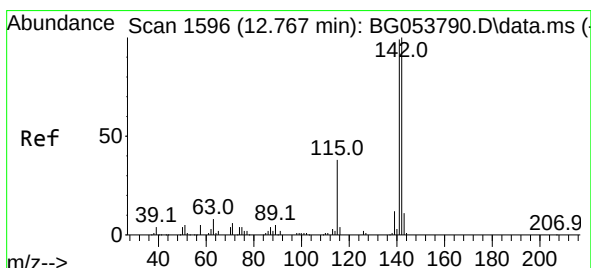
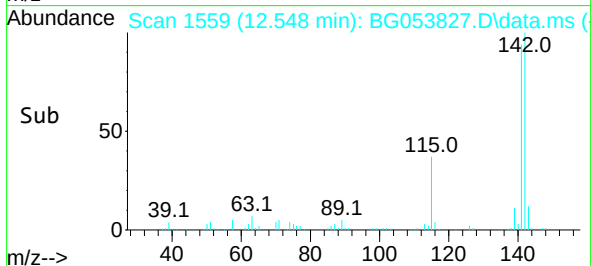
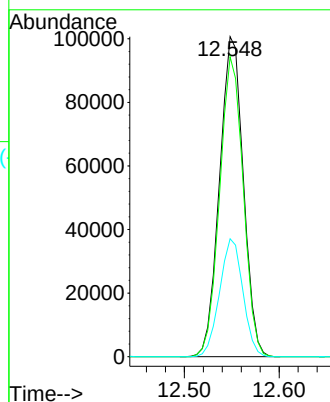
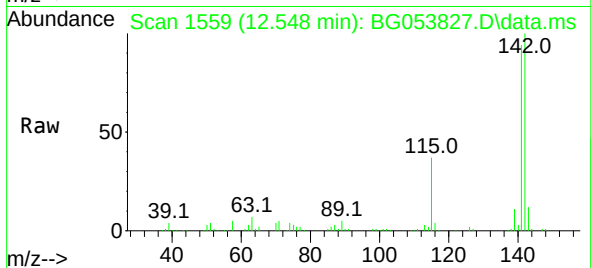
115 36.9 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/07/2022

Supervised By :Jagrut Upadhyay 06/07/2022



#38

1-Methylnaphthalene

Concen: 36.886 ng

RT: 12.766 min Scan# 1596

Delta R.T. -0.001 min

Lab File: BG053827.D

Acq: 6 Jun 2022 13:23

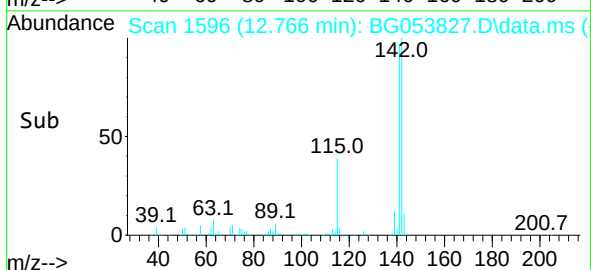
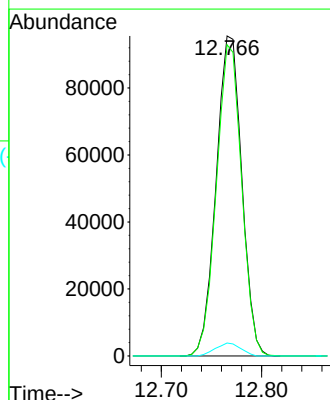
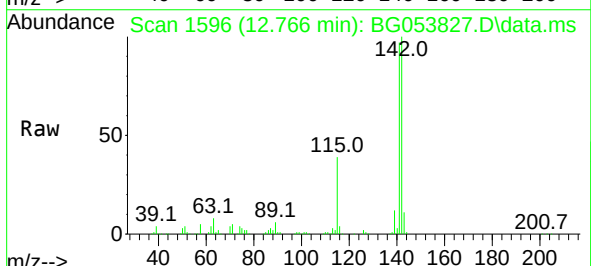
Tgt Ion:142 Resp: 169123

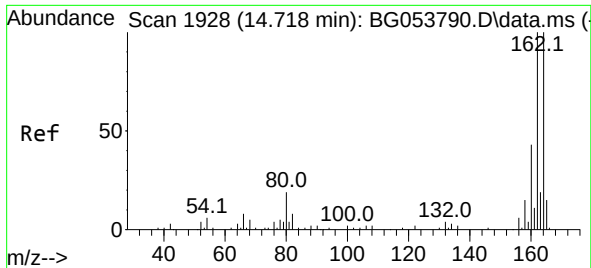
Ion Ratio Lower Upper

142 100

141 97.2 76.4 114.6

116 4.0 3.3 4.9





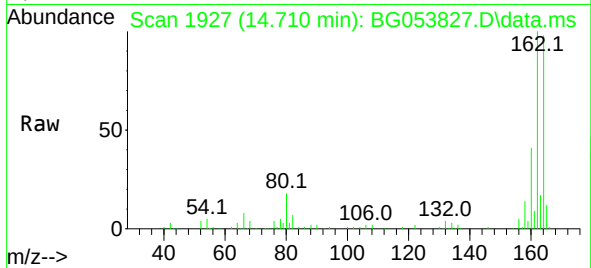
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1928
Delta R.T. -0.008 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

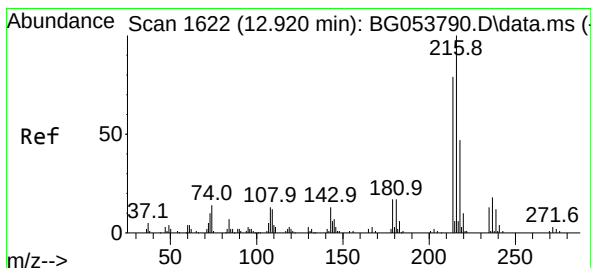
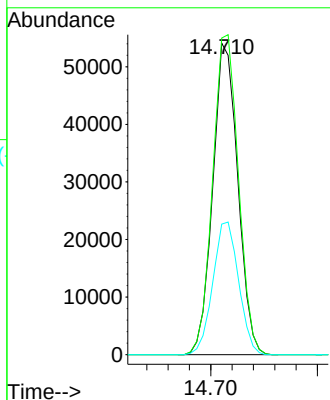
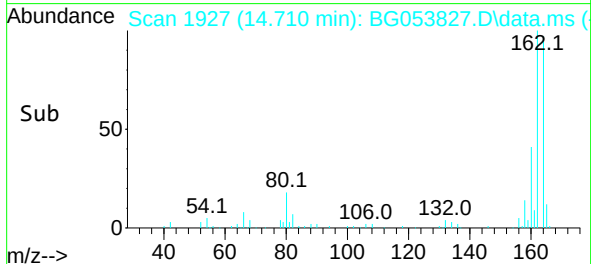


Tgt Ion:164 Resp: 88224
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 41.9 34.2 51.2

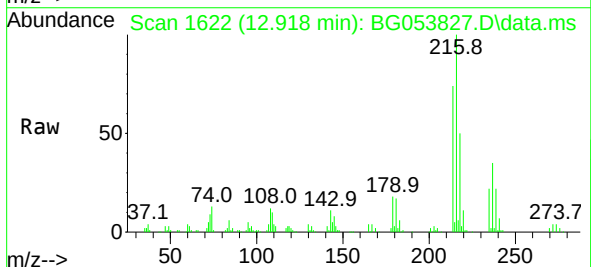
Manual Integrations

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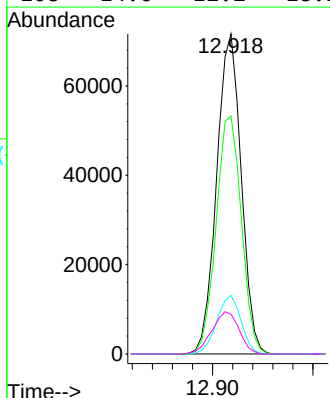
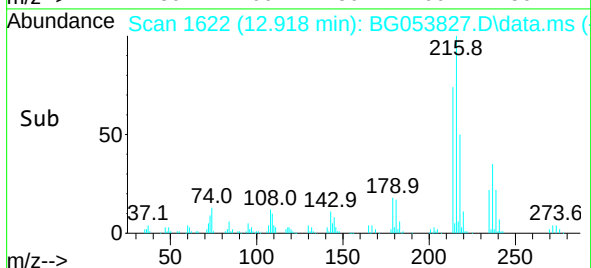
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

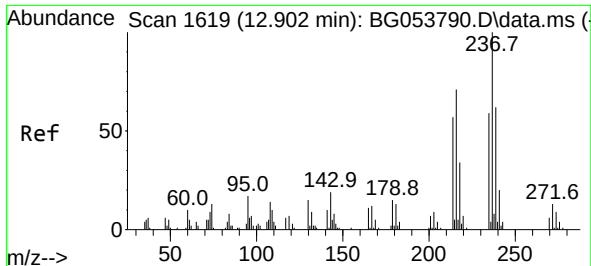


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.021 ng
RT: 12.918 min Scan# 1622
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



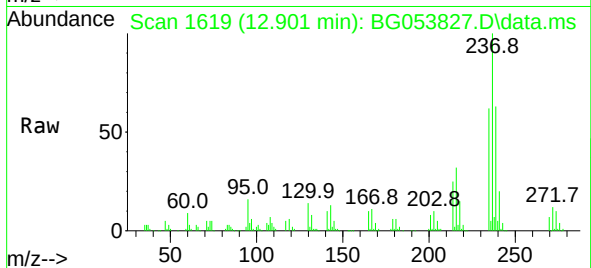
Tgt Ion:216 Resp: 121528
Ion Ratio Lower Upper
216 100
214 76.5 62.9 94.3
179 18.1 16.1 24.1
108 14.6 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 88.006 ng
RT: 12.901 min Scan# 1619
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

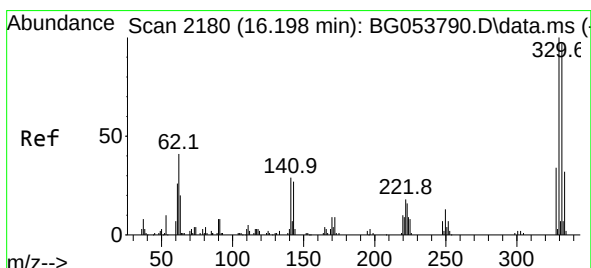
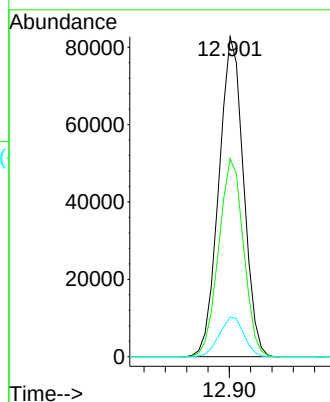
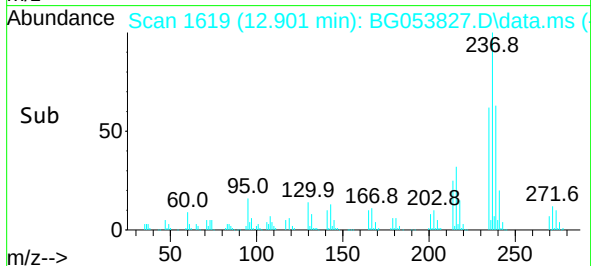
Instrument :
BNA_G
ClientSampleId :
PB145261BS



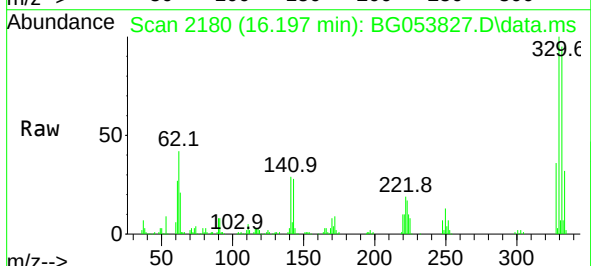
Tgt Ion:237 Resp: 132530
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 12.4 0.0 30.1

Manual Integrations
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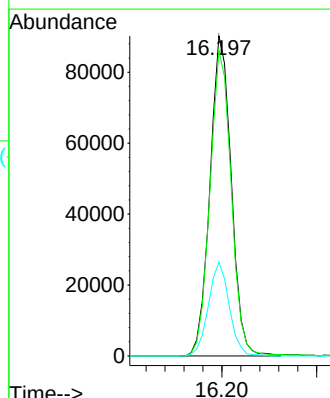
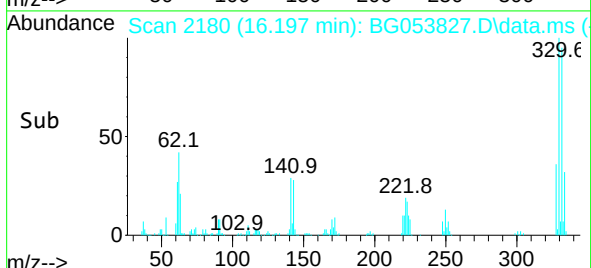
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

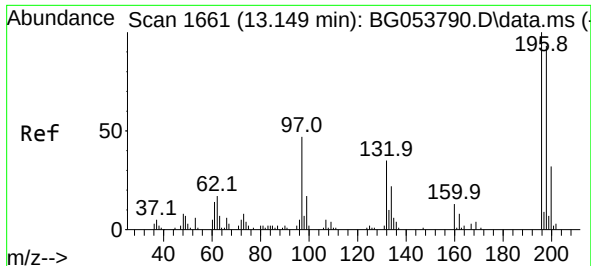


#42
2,4,6-Tribromophenol
Concen: 131.333 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:330 Resp: 140647
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 28.6 27.1 40.7





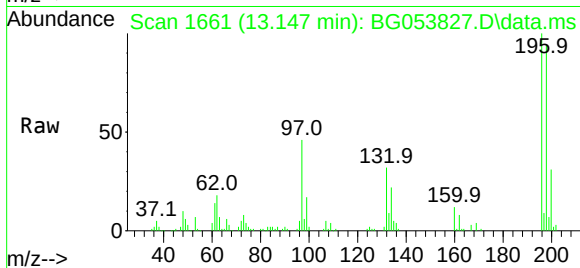
#43
2,4,6-Trichlorophenol
Concen: 46.571 ng
RT: 13.147 min Scan# 1661
Delta R.T. -0.002 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

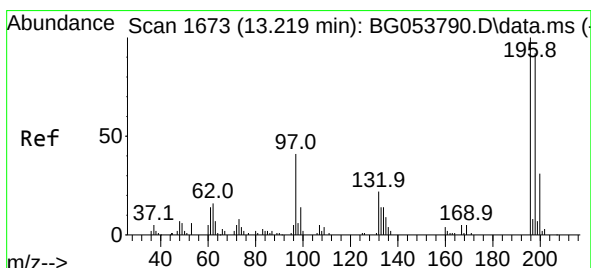
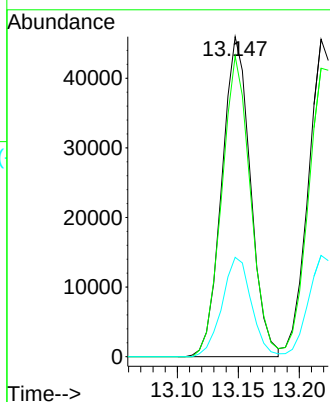
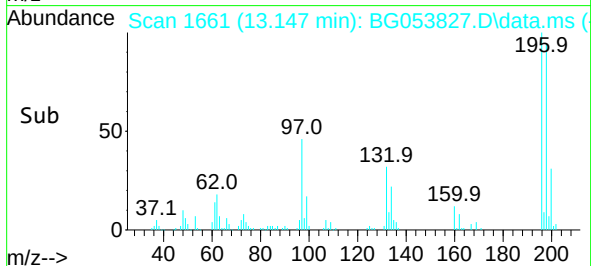


Tgt Ion:196 Resp: 74820
Ion Ratio Lower Upper
196 100
198 93.9 74.1 111.1
200 31.0 24.7 37.1

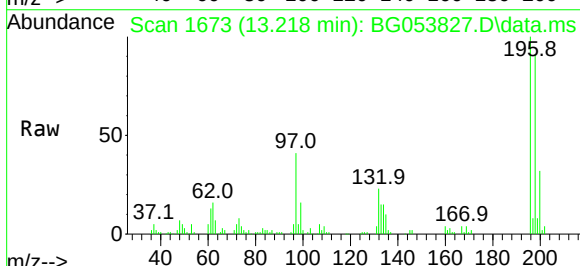
Manual Integrations

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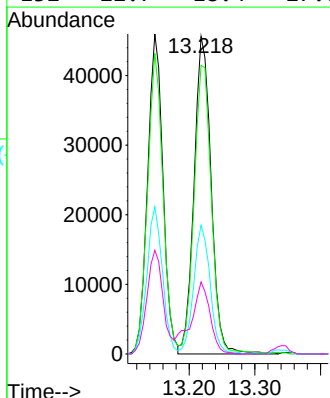
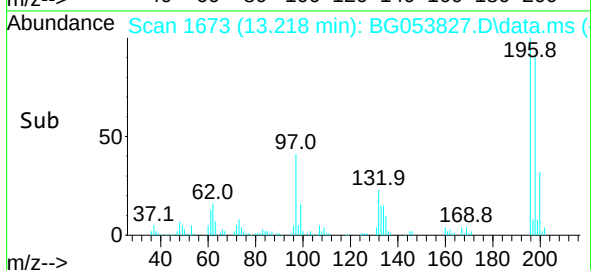
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

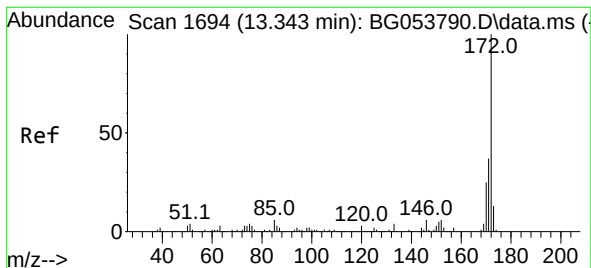


#44
2,4,5-Trichlorophenol
Concen: 46.294 ng
RT: 13.218 min Scan# 1673
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



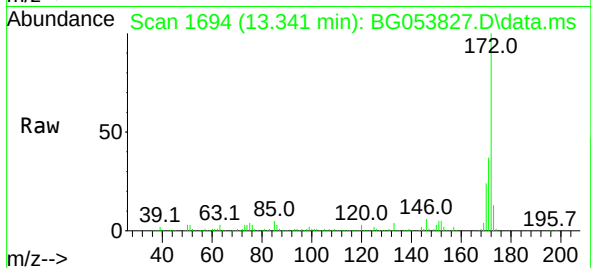
Tgt Ion:196 Resp: 82759
Ion Ratio Lower Upper
196 100
198 90.9 76.8 115.2
97 40.5 39.8 59.6
132 22.7 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 77.208 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

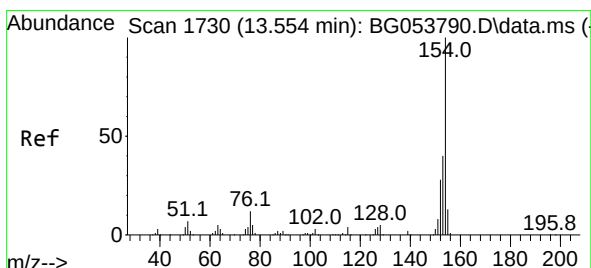
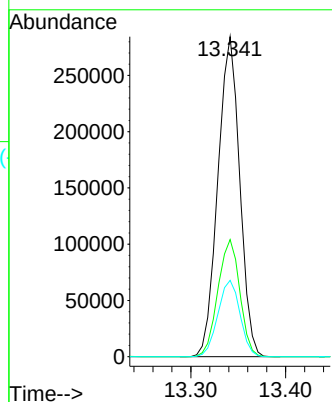
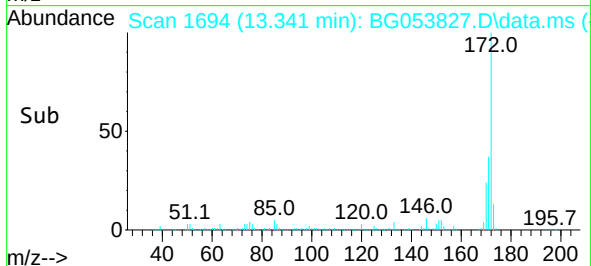
Instrument :
BNA_G
ClientSampleId :
PB145261BS



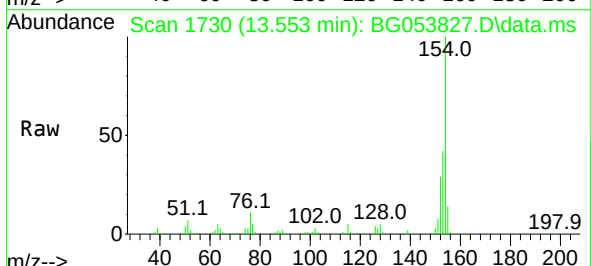
Tgt Ion:172 Resp: 45532
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 23.9 18.9 28.3

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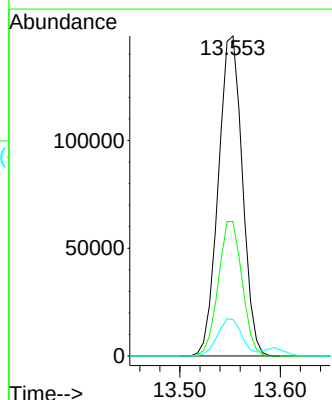
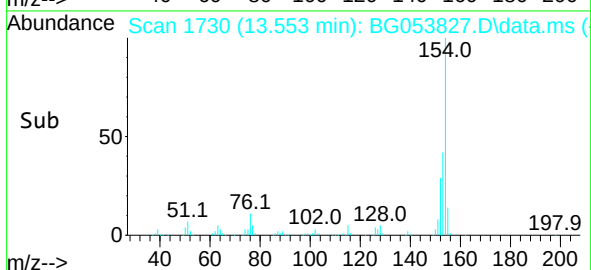
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

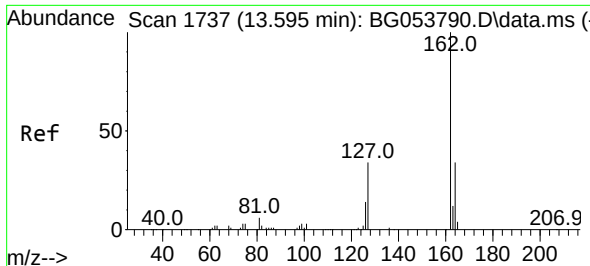


#46
1,1'-Biphenyl
Concen: 39.228 ng
RT: 13.553 min Scan# 1730
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:154 Resp: 246655
Ion Ratio Lower Upper
154 100
153 42.0 21.6 61.6
76 11.4 0.0 32.6





#47
2-Chloronaphthalene
Concen: 39.900 ng
RT: 13.594 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

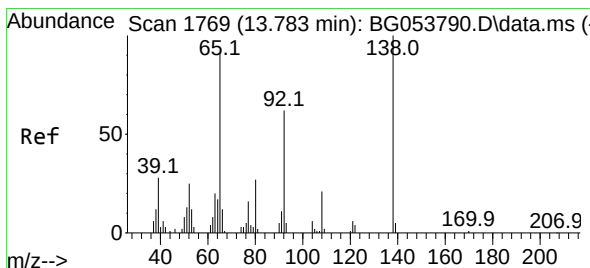
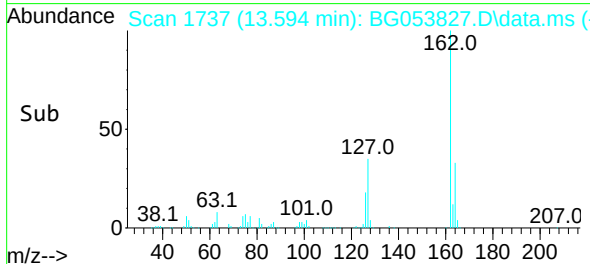
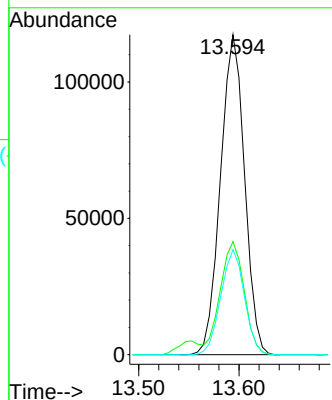
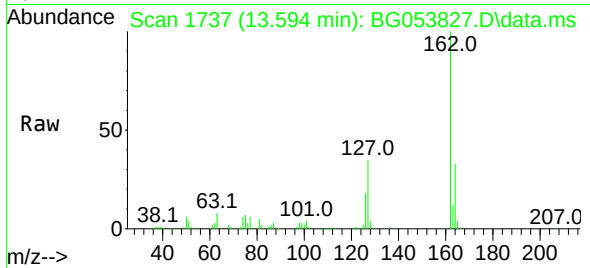
ClientSampleId :

PB145261BS

Tgt Ion:162 Resp: 195178
Ion Ratio Lower Upper
162 100
127 35.3 30.6 45.8
164 32.8 26.5 39.7

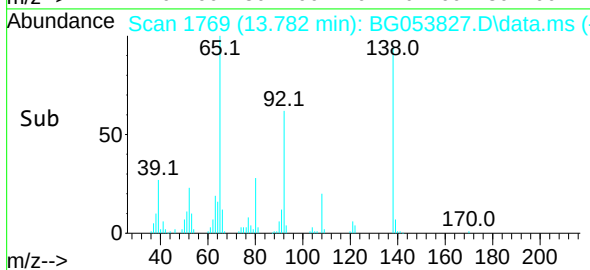
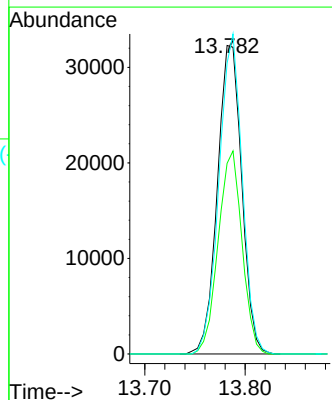
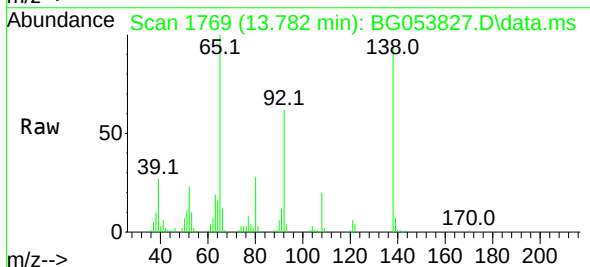
Manual Integrations
APPROVED

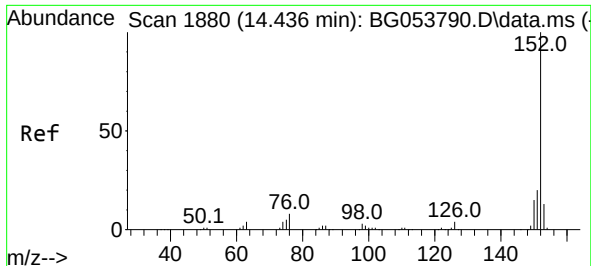
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#48
2-Nitroaniline
Concen: 44.274 ng
RT: 13.782 min Scan# 1769
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

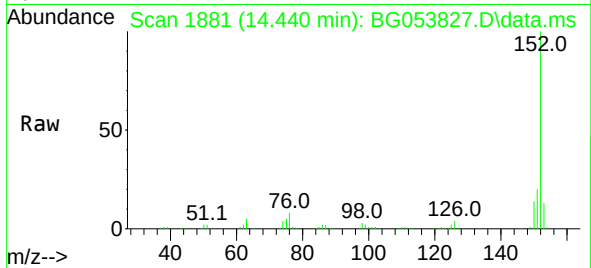
Tgt Ion: 65 Resp: 54551
Ion Ratio Lower Upper
65 100
92 61.8 51.5 77.3
138 94.3 71.3 106.9





#49
Acenaphthylene
Concen: 41.060 ng
RT: 14.440 min Scan# 1880
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

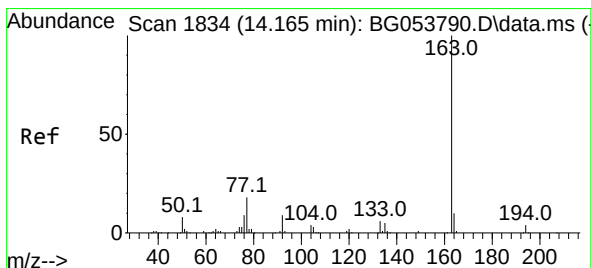
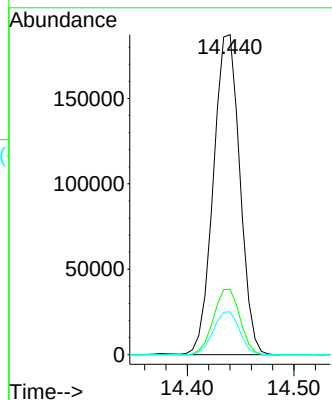
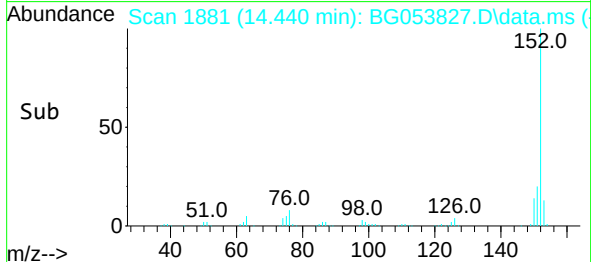
Instrument :
BNA_G
ClientSampleId :
PB145261BS



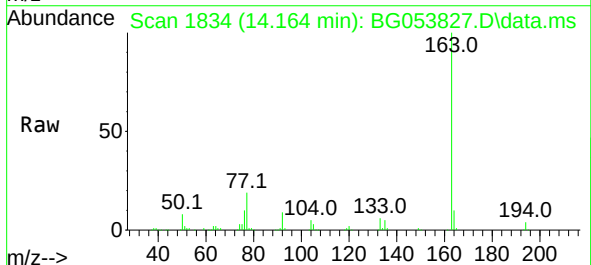
Tgt Ion:152 Resp: 322219
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.4 10.8 16.2

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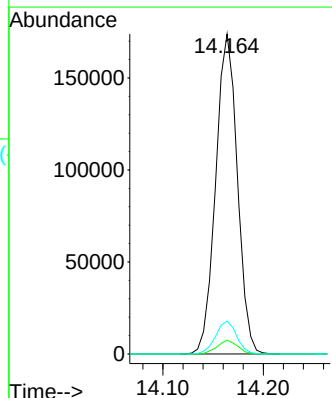
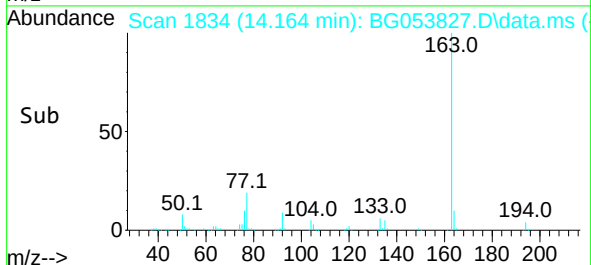
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

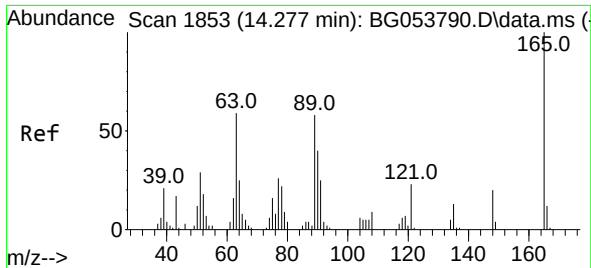


#50
Dimethylphthalate
Concen: 40.267 ng
RT: 14.164 min Scan# 1834
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:163 Resp: 260345
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.833 ng
RT: 14.276 min Scan# 1853
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

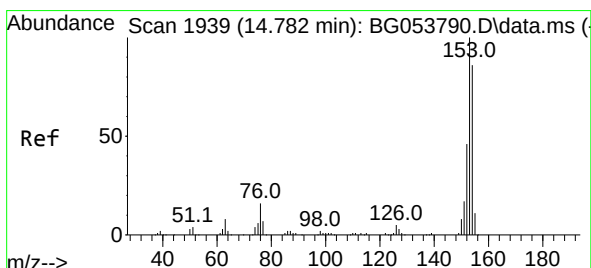
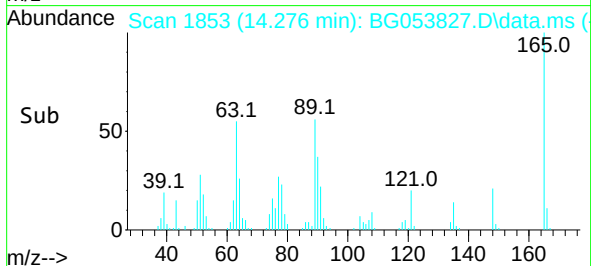
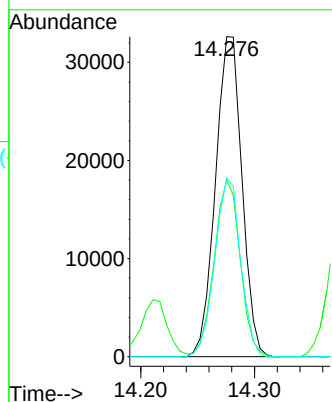
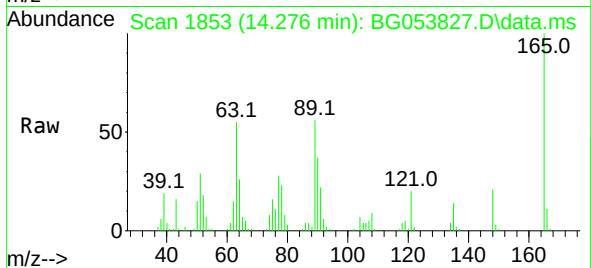
ClientSampleId :

PB145261BS

Tgt Ion:165 Resp: 52874
Ion Ratio Lower Upper
165 100
63 55.2 54.1 81.1
89 55.9 54.8 82.2

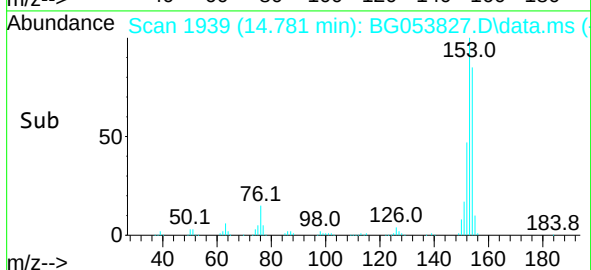
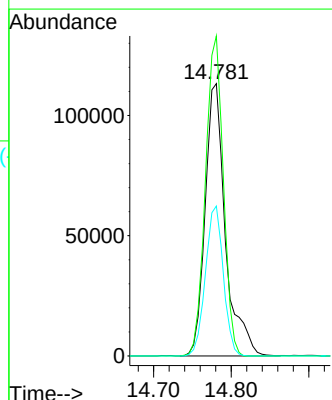
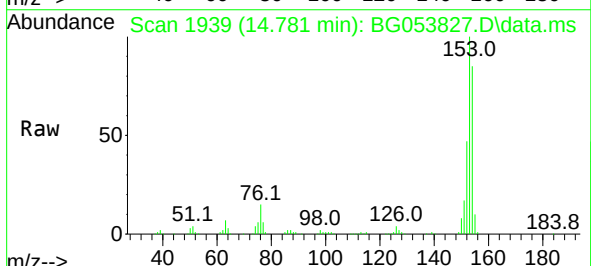
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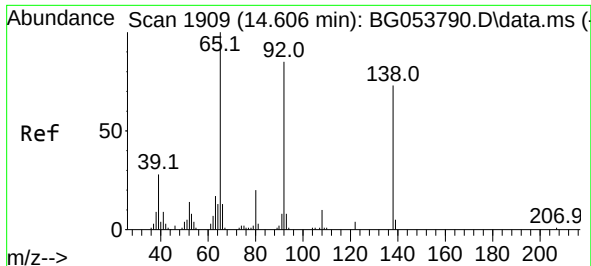
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#52
Acenaphthene
Concen: 41.357 ng
RT: 14.781 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Tgt Ion:154 Resp: 206196
Ion Ratio Lower Upper
154 100
153 117.5 92.7 139.1
152 55.1 42.6 64.0





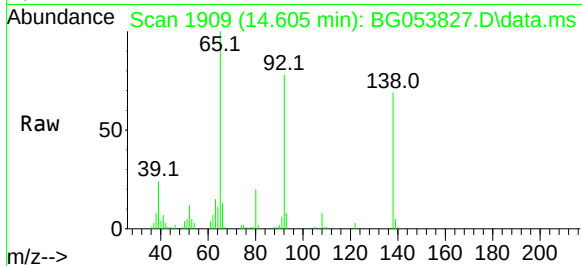
#53
3-Nitroaniline
Concen: 33.497 ng
RT: 14.605 min Scan# 1909
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

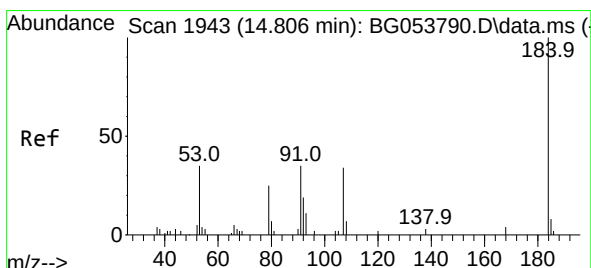
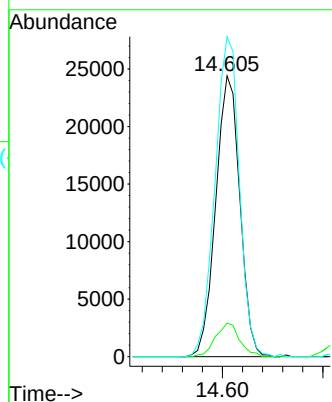
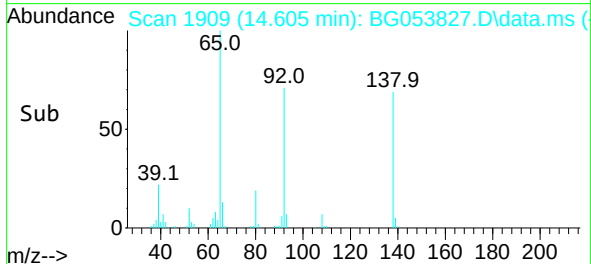


Tgt Ion:138 Resp: 40614
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 113.9 101.9 152.9

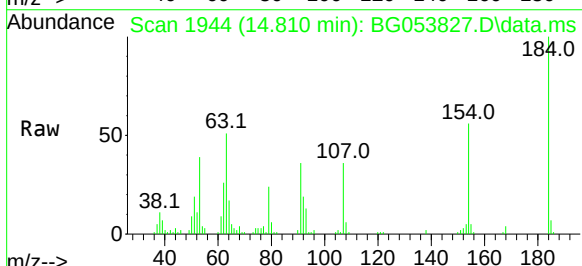
Manual Integrations

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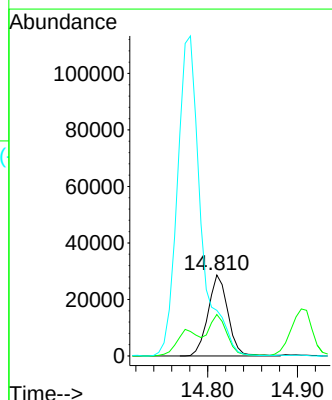
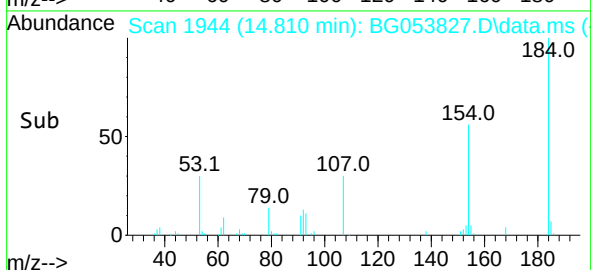
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

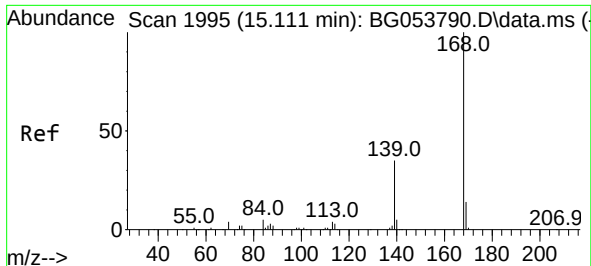


#54
2,4-Dinitrophenol
Concen: 76.986 ng
RT: 14.810 min Scan# 1944
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



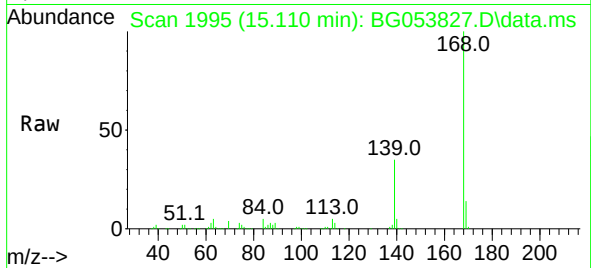
Tgt Ion:184 Resp: 44038
Ion Ratio Lower Upper
184 100
63 51.2 61.1 91.7#
154 56.2 60.6 91.0#





#55
Dibenzofuran
Concen: 39.296 ng
RT: 15.110 min Scan# 1995
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

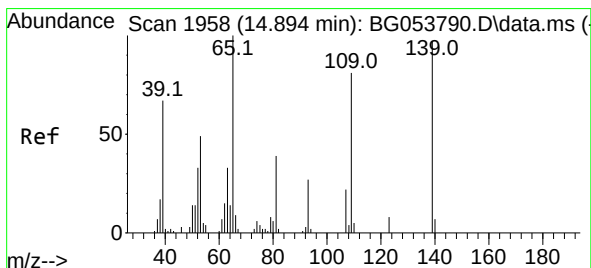
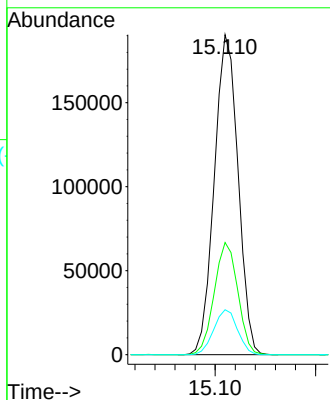
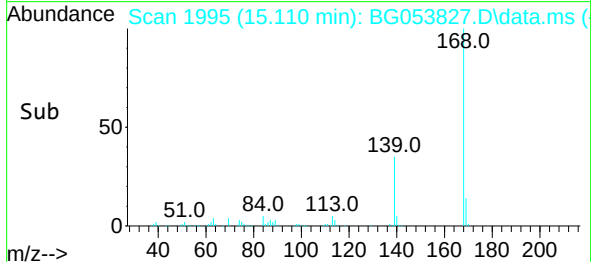
Instrument :
BNA_G
ClientSampleId :
PB145261BS



Tgt Ion:168 Resp: 312320
Ion Ratio Lower Upper
168 100
139 35.1 30.5 45.7
169 14.0 10.3 15.5

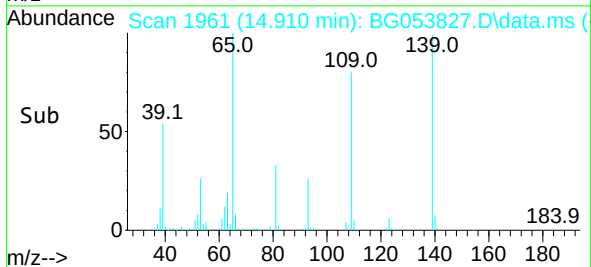
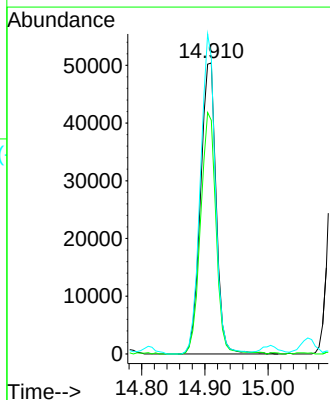
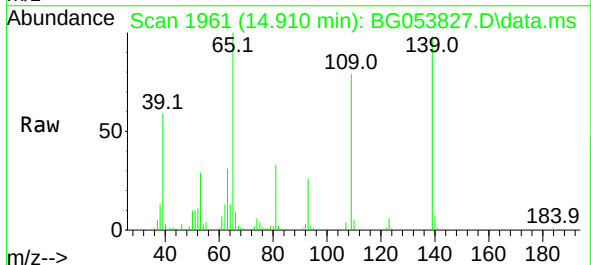
Manual Integrations
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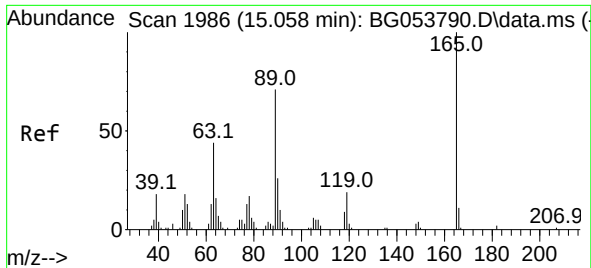
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#56
4-Nitrophenol
Concen: 83.900 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.016 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Tgt Ion:139 Resp: 86747
Ion Ratio Lower Upper
139 100
109 80.2 88.5 128.5#
65 101.8 93.9 133.9





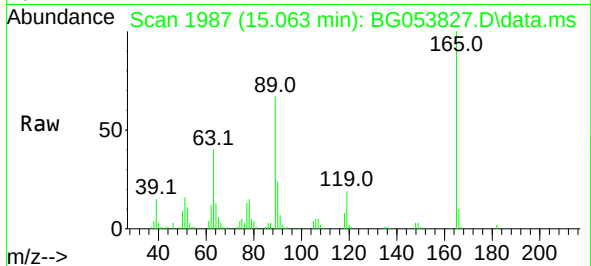
#57
2,4-Dinitrotoluene
Concen: 46.228 ng
RT: 15.063 min Scan# 1986
Delta R.T. 0.005 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

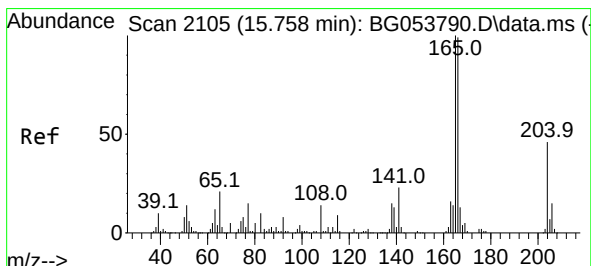
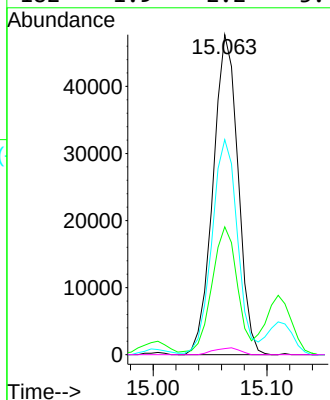
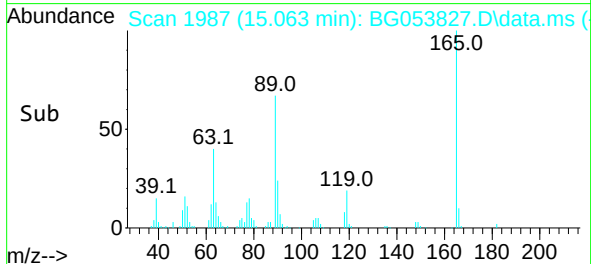


Tgt Ion:165 Resp: 72664
Ion Ratio Lower Upper
165 100
63 40.0 34.6 52.0
89 67.2 60.3 90.5
182 1.9 2.2 3.4#

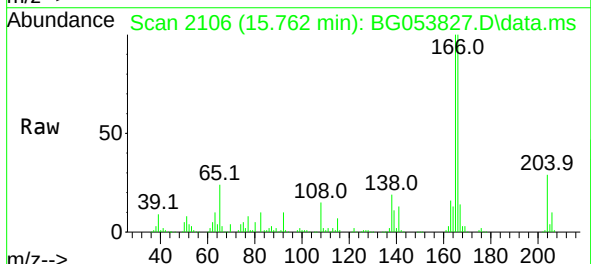
Manual Integrations

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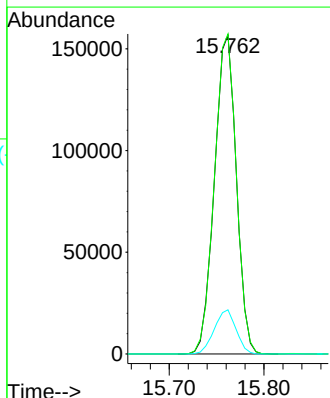
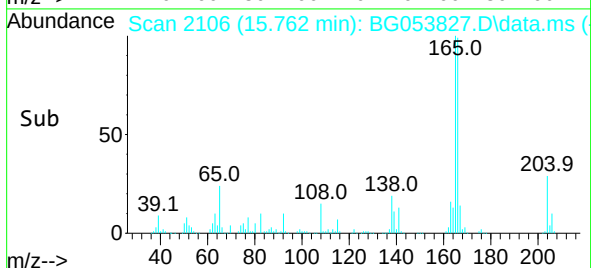
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

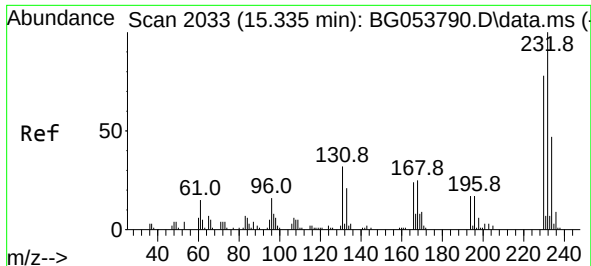


#58
Fluorene
Concen: 38.164 ng
RT: 15.762 min Scan# 2106
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:166 Resp: 251145
Ion Ratio Lower Upper
166 100
165 100.4 75.0 112.6
167 13.8 10.8 16.2





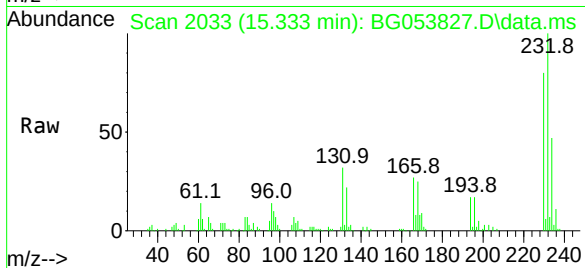
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.562 ng
RT: 15.333 min Scan# 2033
Delta R.T. -0.002 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

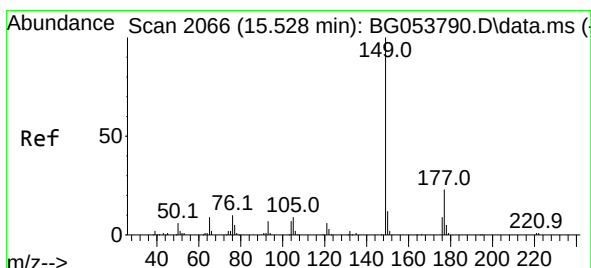
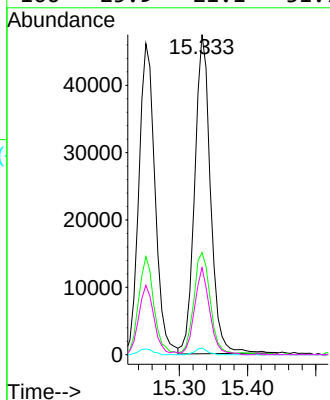
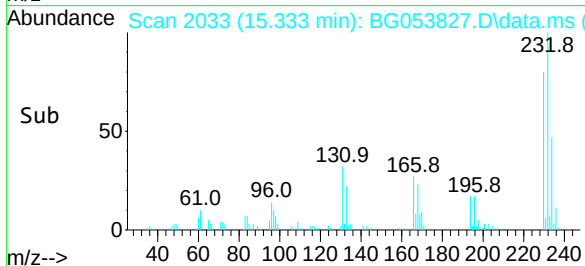


Tgt Ion:232 Resp: 7623
Ion Ratio Lower Upper
232 100
131 32.1 30.6 46.0
130 1.6 1.8 2.8
166 25.9 21.1 31.7

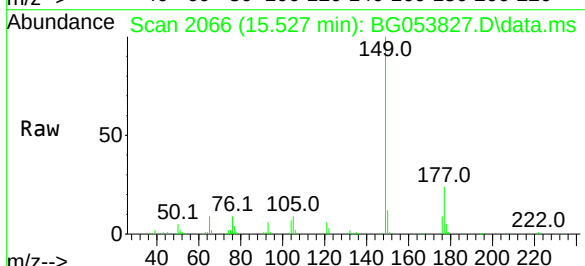
Manual Integrations

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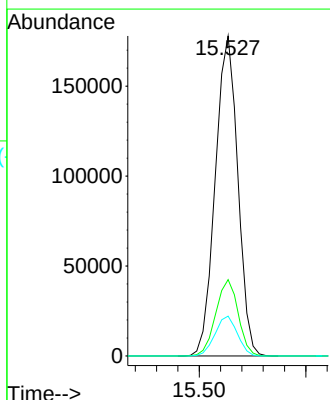
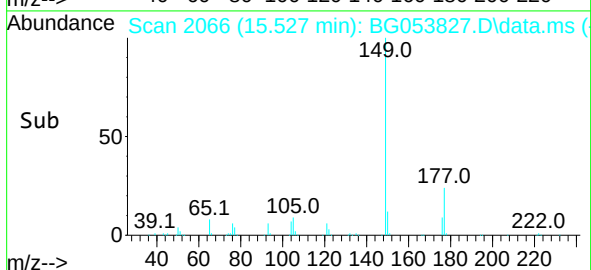
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

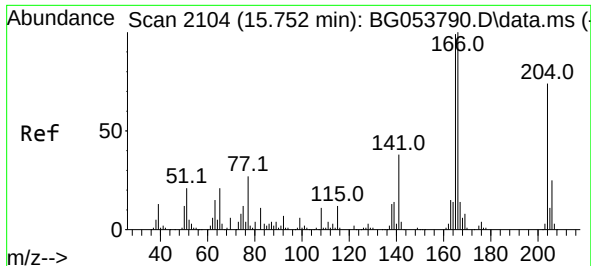


#60
Diethylphthalate
Concen: 39.764 ng
RT: 15.527 min Scan# 2066
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:149 Resp: 260379
Ion Ratio Lower Upper
149 100
177 23.9 18.4 27.6
150 12.4 11.2 16.8





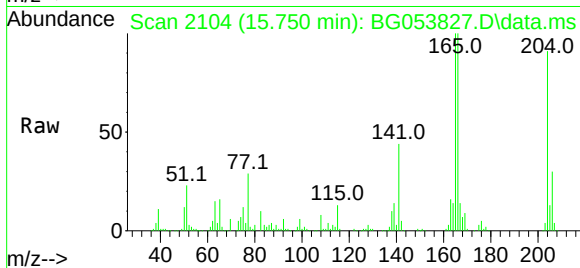
#61
4-Chlorophenyl-phenylether
Concen: 40.806 ng
RT: 15.750 min Scan# 2104
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

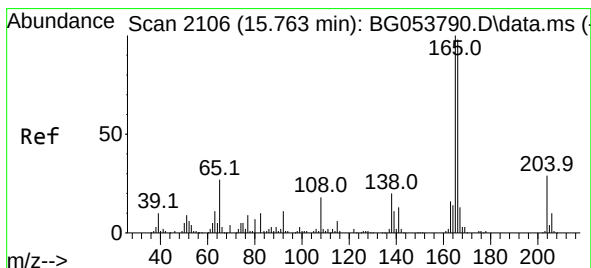
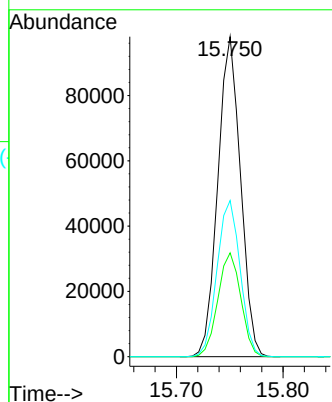


Tgt Ion:204 Resp: 144770
Ion Ratio Lower Upper
204 100
206 32.5 27.5 41.3
141 48.8 45.3 67.9

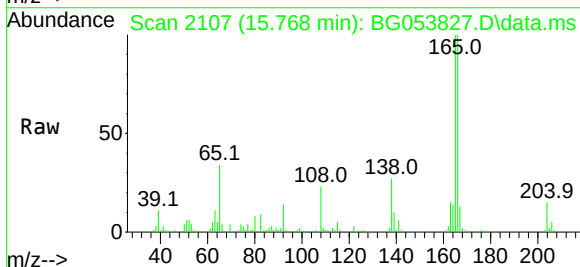
Manual Integrations

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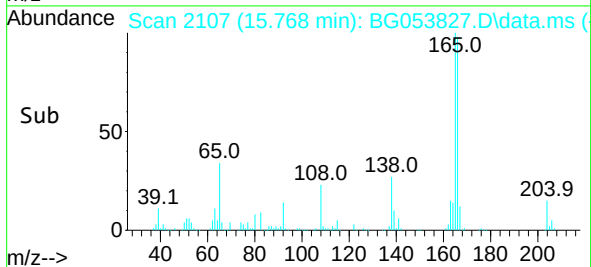
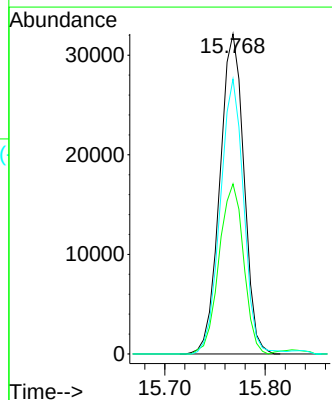
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

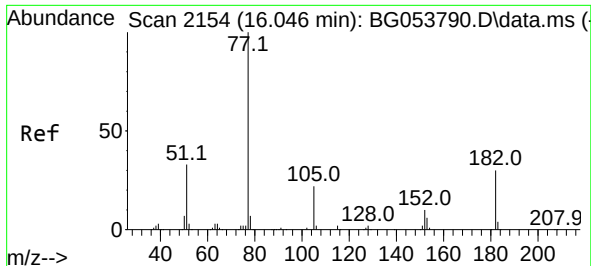


#62
4-Nitroaniline
Concen: 39.804 ng
RT: 15.768 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:138 Resp: 53495
Ion Ratio Lower Upper
138 100
92 53.2 40.5 80.5
108 85.9 103.7 143.7#





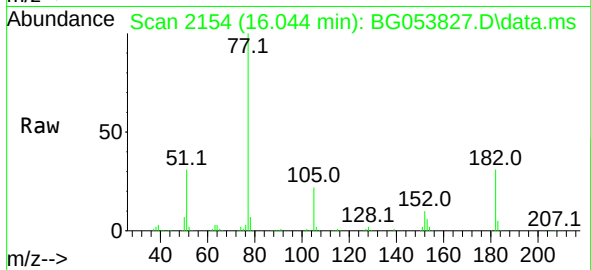
#63
Azobenzene
Concen: 36.649 ng
RT: 16.044 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

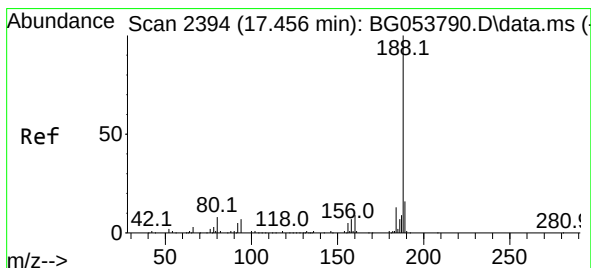
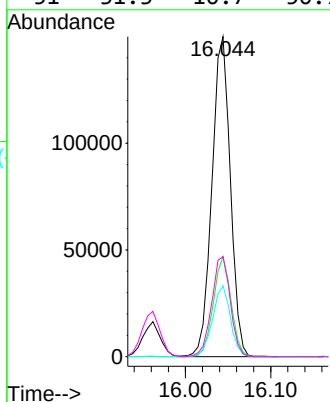
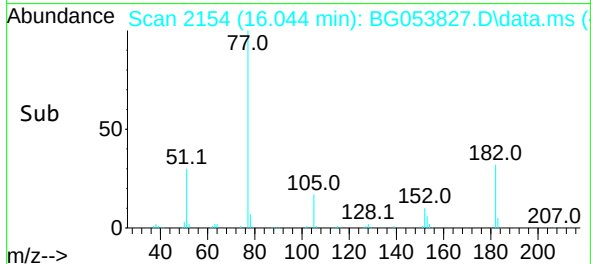


Tgt Ion: 77 Resp: 22455
Ion Ratio Lower Upper
77 100
182 31.3 3.8 43.8
105 22.2 0.0 37.8
51 31.3 10.7 50.7

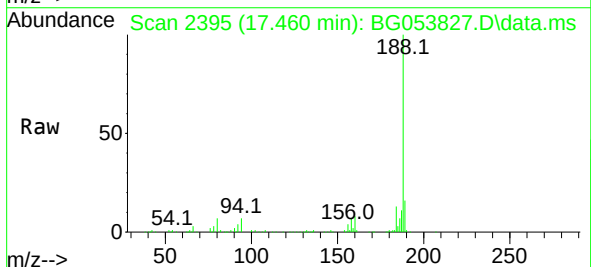
Manual Integrations

APPROVED

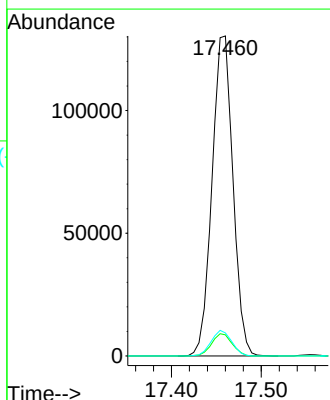
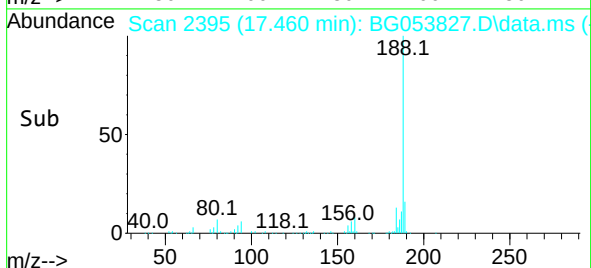
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

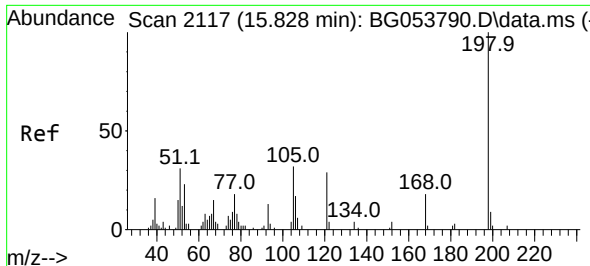


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:188 Resp: 210928
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 41.597 ng
RT: 15.827 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

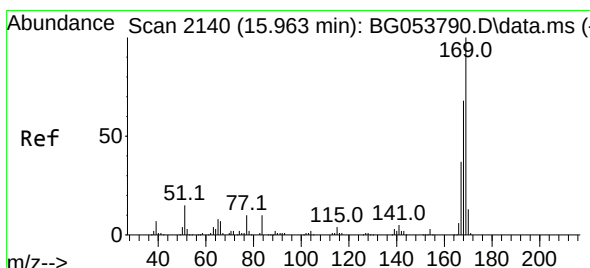
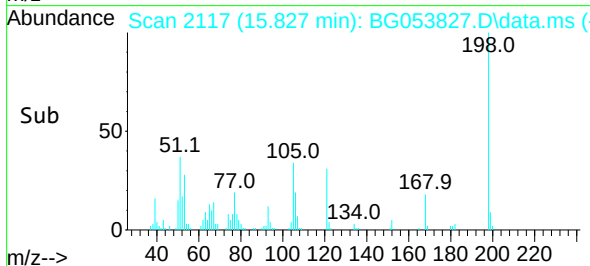
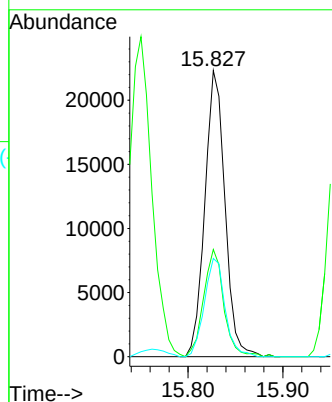
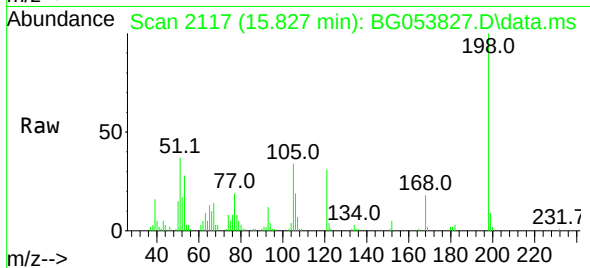
PB145261BS

Tgt Ion:198 Resp: 3291
Ion Ratio Lower Upper
198 100
51 37.5 28.1 68.1
105 34.3 20.3 60.3

Manual Integrations

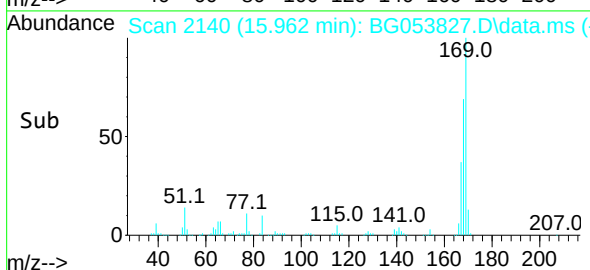
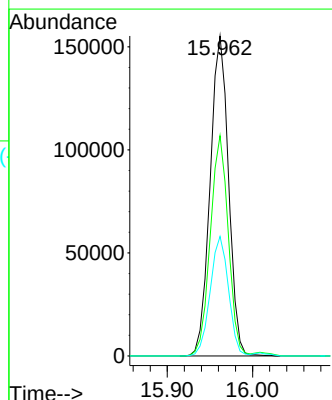
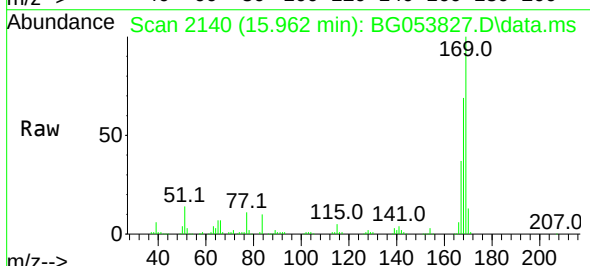
APPROVED

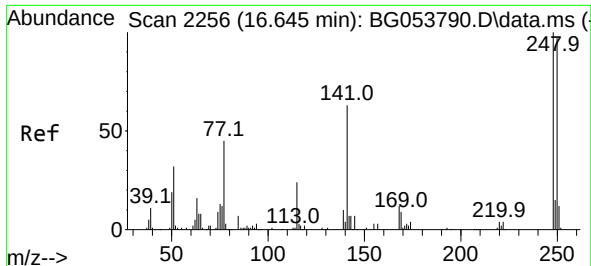
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#66
n-Nitrosodiphenylamine
Concen: 41.471 ng
RT: 15.962 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

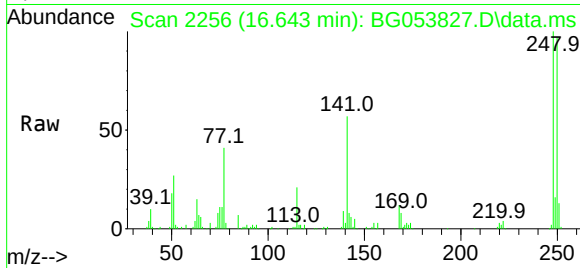
Tgt Ion:169 Resp: 232609
Ion Ratio Lower Upper
169 100
168 68.9 55.9 83.9
167 37.4 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 43.578 ng
RT: 16.643 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

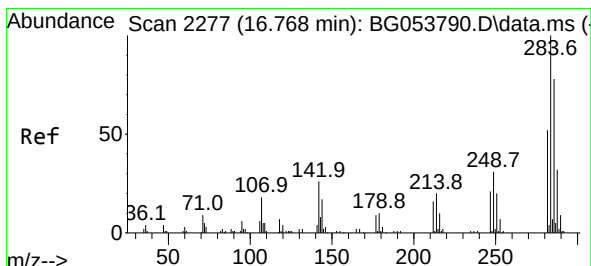
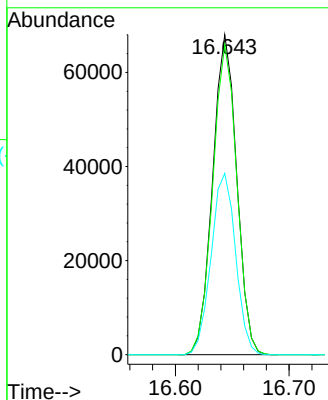
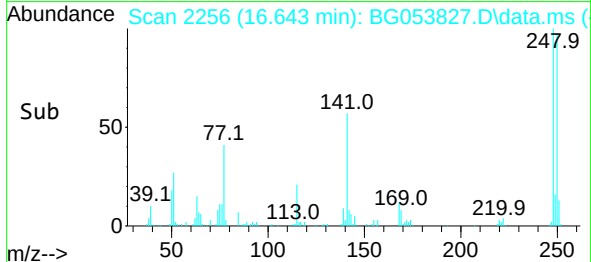
Instrument :
BNA_G
ClientSampleId :
PB145261BS



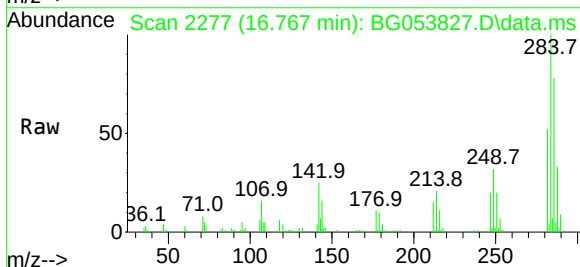
Tgt Ion:248 Resp: 99872
Ion Ratio Lower Upper
248 100
250 96.8 75.2 112.8
141 56.6 50.0 75.0

Manual Integrations
APPROVED

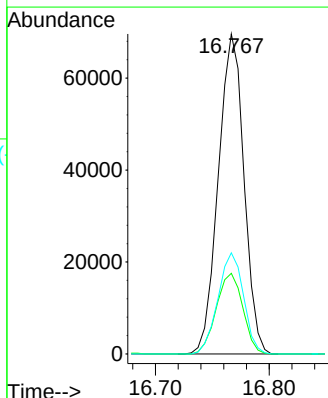
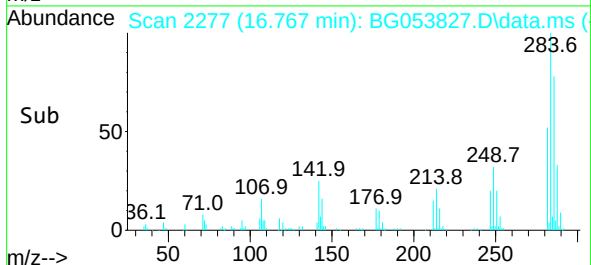
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

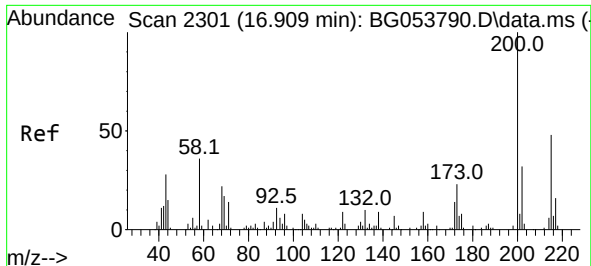


#68
Hexachlorobenzene
Concen: 42.666 ng
RT: 16.767 min Scan# 2277
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:284 Resp: 108992
Ion Ratio Lower Upper
284 100
142 25.2 23.6 35.4
249 33.8 25.8 38.6





#69
 Atrazine
 Concen: 45.027 ng
 RT: 16.908 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053827.D
 Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

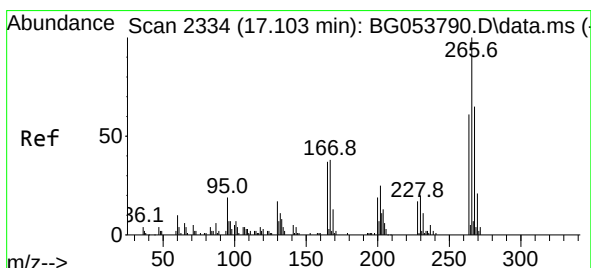
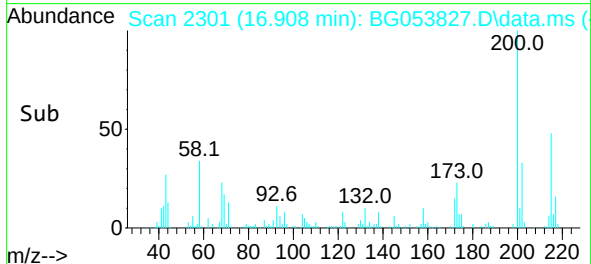
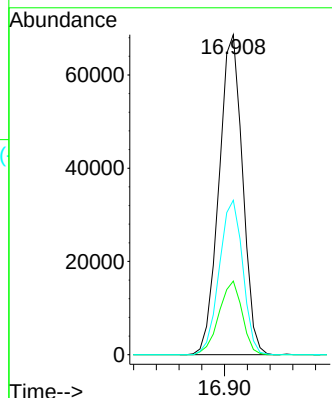
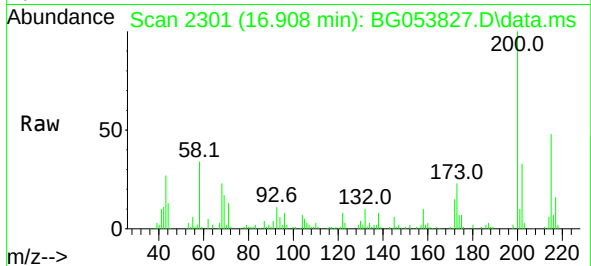
ClientSampleId :

PB145261BS

Tgt Ion:200 Resp: 9888
 Ion Ratio Lower Upper
 200 100
 173 23.0 3.7 43.7
 215 48.2 25.2 65.2

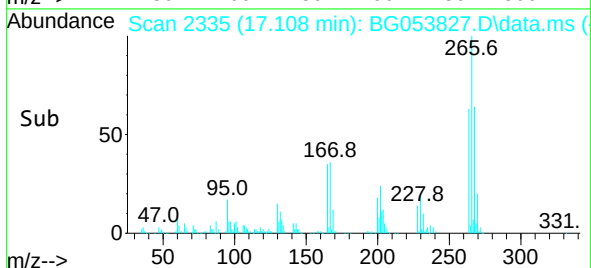
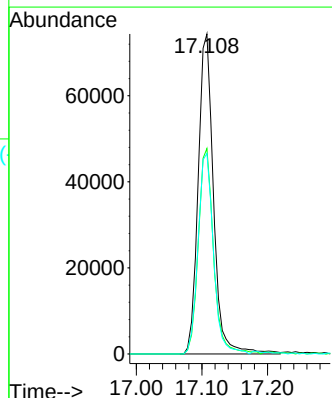
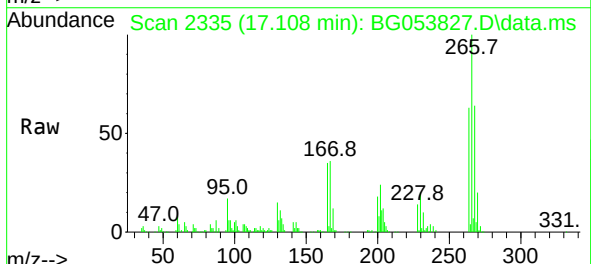
Manual Integrations
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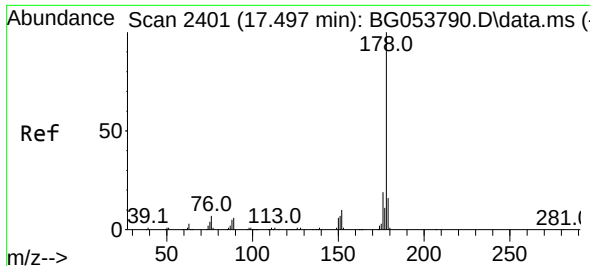
Reviewed By :Christian Giraldo 06/07/2022
 Supervised By :Jagrut Upadhyay 06/07/2022



#70
 Pentachlorophenol
 Concen: 74.968 ng
 RT: 17.108 min Scan# 2335
 Delta R.T. 0.005 min
 Lab File: BG053827.D
 Acq: 6 Jun 2022 13:23

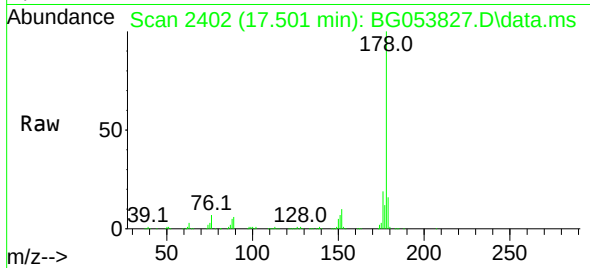
Tgt Ion:266 Resp: 121285
 Ion Ratio Lower Upper
 266 100
 268 69.3 56.2 84.2
 264 67.1 53.0 79.4





#71
Phenanthrene
Concen: 39.420 ng
RT: 17.501 min Scan# 2401
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

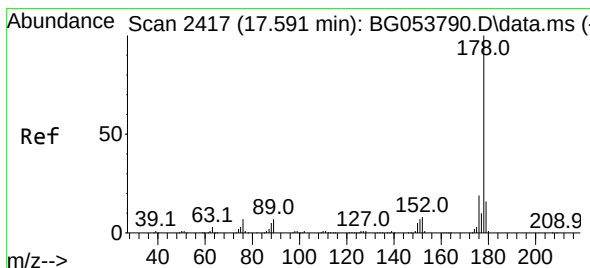
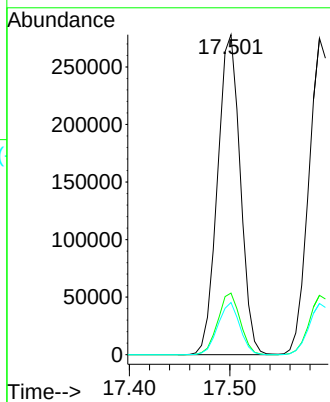
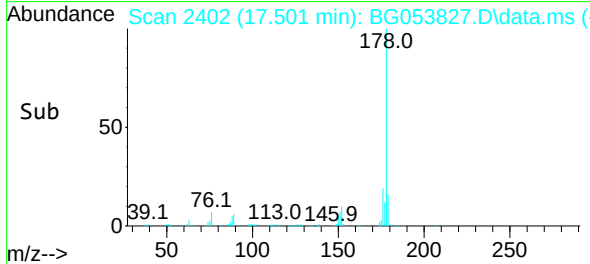
Instrument :
BNA_G
ClientSampleId :
PB145261BS



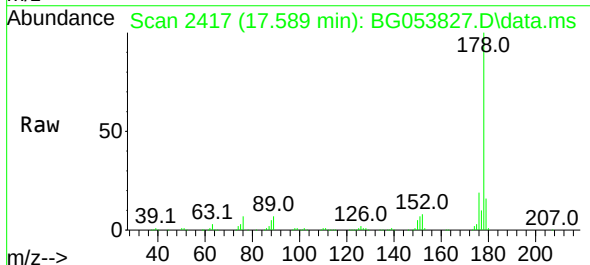
Tgt Ion:178 Resp: 437659
Ion Ratio Lower Upper
178 100
176 19.3 14.1 21.1
179 16.3 12.1 18.1

Manual Integrations
APPROVED

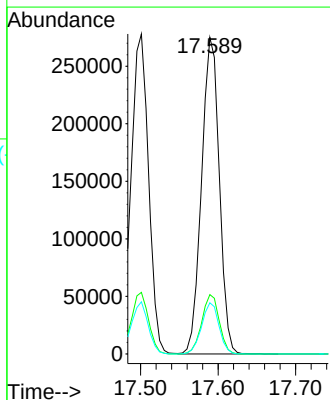
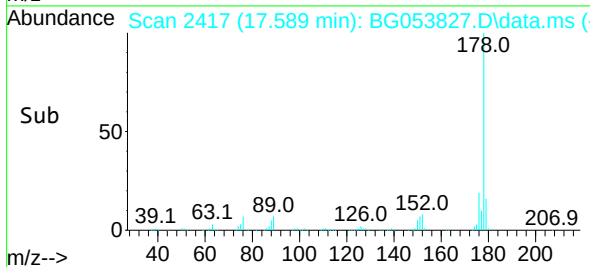
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

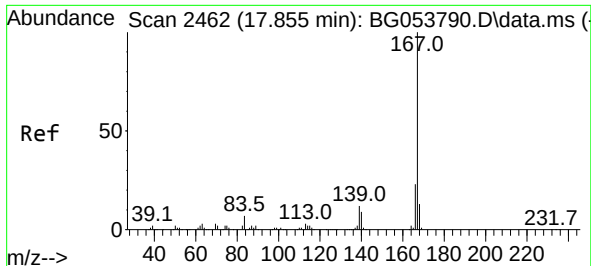


#72
Anthracene
Concen: 40.218 ng
RT: 17.589 min Scan# 2417
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:178 Resp: 437004
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 16.2 13.0 19.4





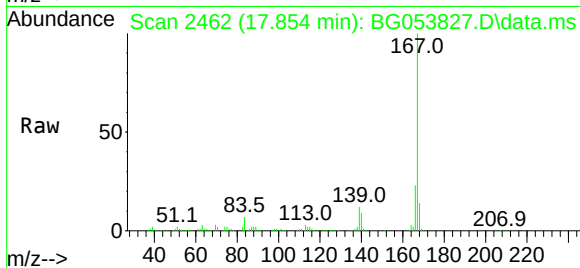
#73
 Carbazole
 Concen: 40.443 ng
 RT: 17.854 min Scan# 2462
 Delta R.T. -0.001 min
 Lab File: BG053827.D
 Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

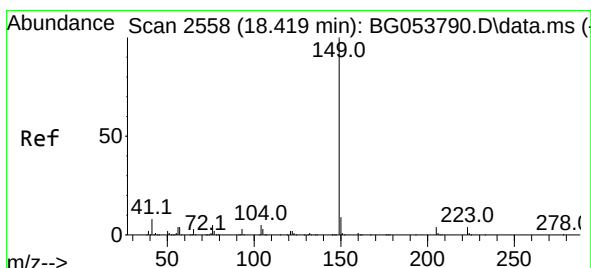
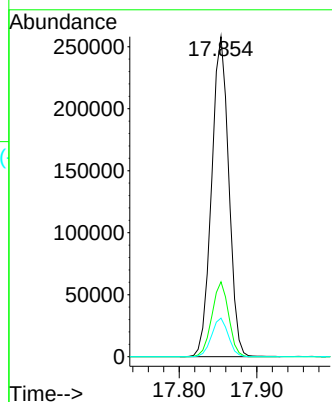
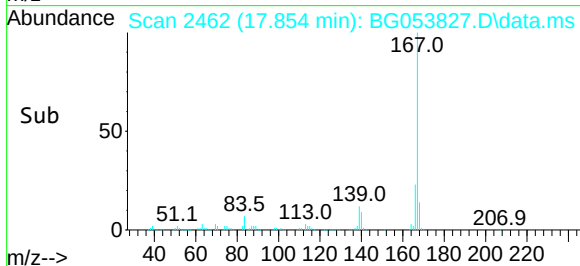


Tgt Ion:167 Resp: 396668
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.2
 139 12.1 10.1 15.1

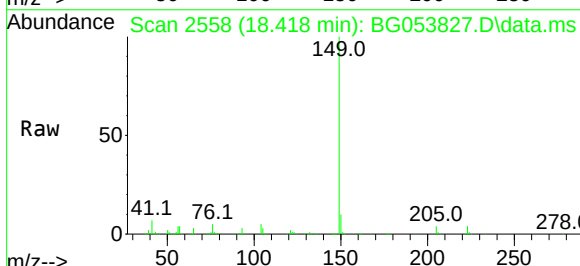
Manual Integrations

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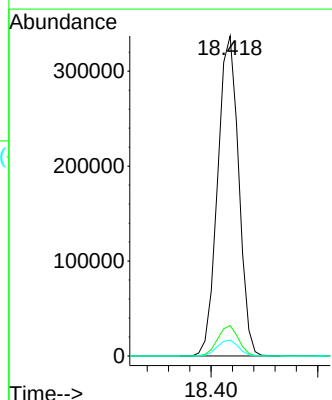
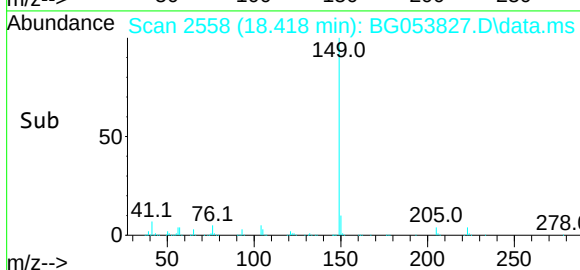
Reviewed By :Christian Giraldo 06/07/2022
 Supervised By :Jagrut Upadhyay 06/07/2022

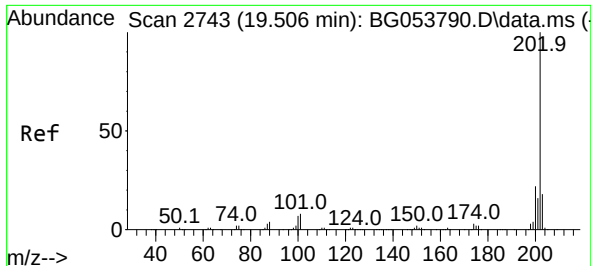


#74
 Di-n-butylphthalate
 Concen: 40.861 ng
 RT: 18.418 min Scan# 2558
 Delta R.T. -0.001 min
 Lab File: BG053827.D
 Acq: 6 Jun 2022 13:23



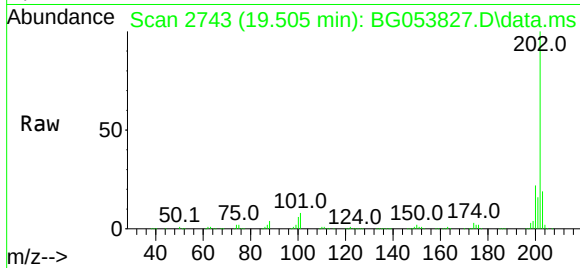
Tgt Ion:149 Resp: 460853
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.9 5.4 8.0#





#75
Fluoranthene
Concen: 39.018 ng
RT: 19.505 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

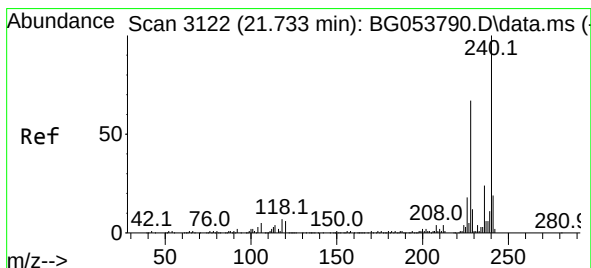
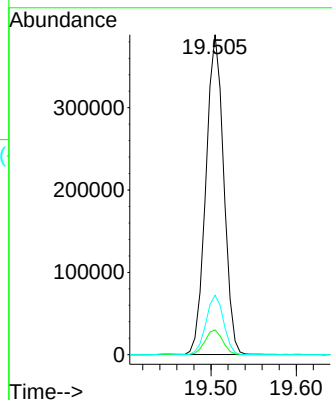
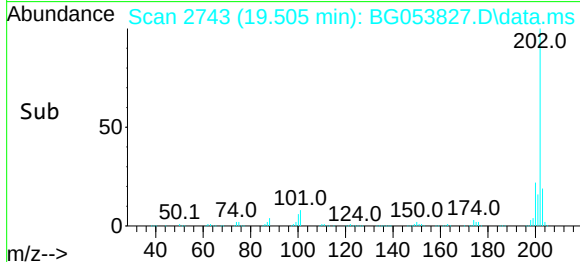
Instrument :
BNA_G
ClientSampleId :
PB145261BS



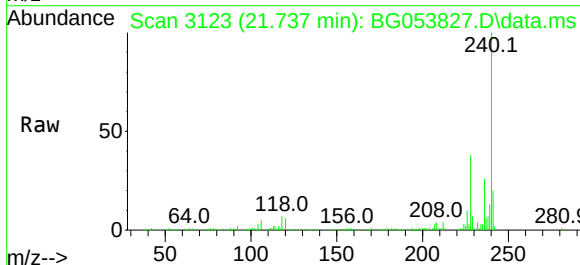
Tgt Ion:202 Resp: 561860
Ion Ratio Lower Upper
202 100
101 7.7 0.0 26.9
203 18.6 0.0 37.2

Manual Integrations
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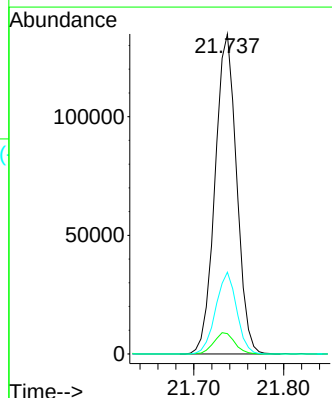
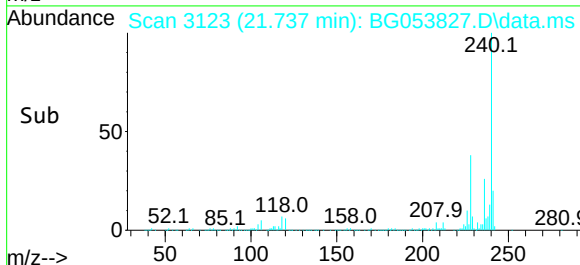
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

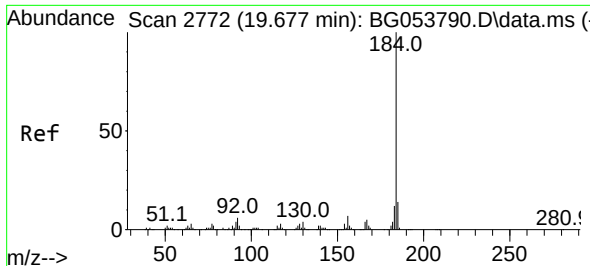


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



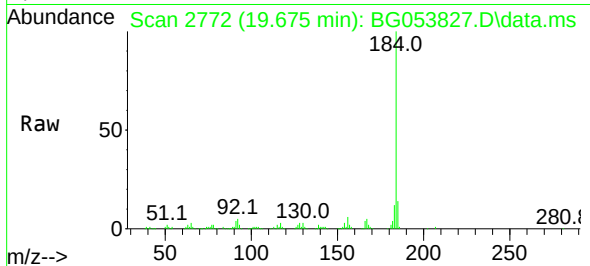
Tgt Ion:240 Resp: 224668
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 25.6 20.2 30.4





#77
Benzidine
Concen: 35.976 ng
RT: 19.675 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

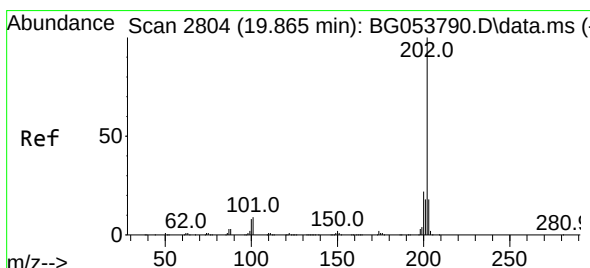
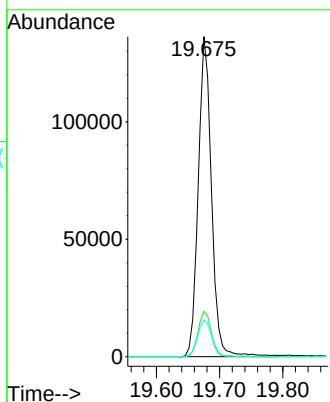
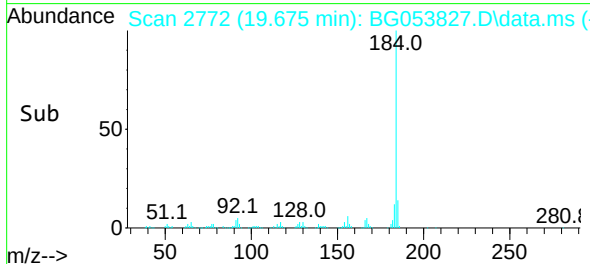
Instrument :
BNA_G
ClientSampleId :
PB145261BS



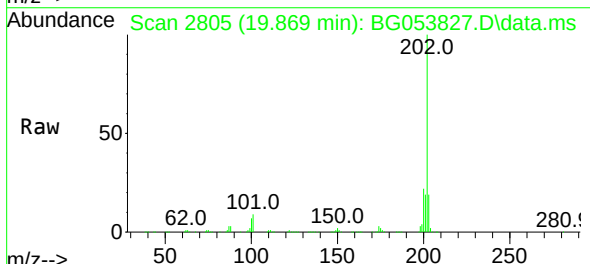
Tgt Ion:184 Resp: 197640
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 11.5 8.9 13.3

Manual Integrations
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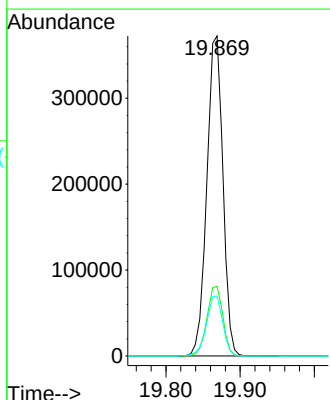
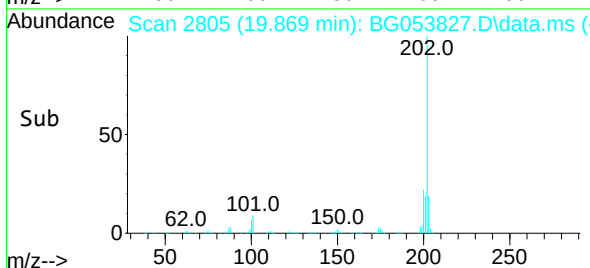
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

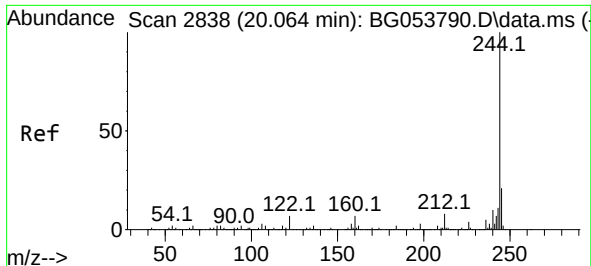


#78
Pyrene
Concen: 39.220 ng
RT: 19.869 min Scan# 2805
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:202 Resp: 560374
Ion Ratio Lower Upper
202 100
200 21.8 16.6 24.8
203 18.7 14.6 21.8





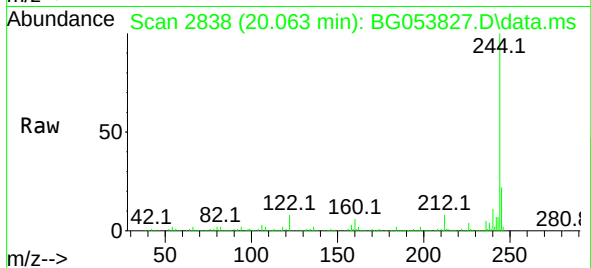
#79
 Terphenyl-d14
 Concen: 79.907 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053827.D
 Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

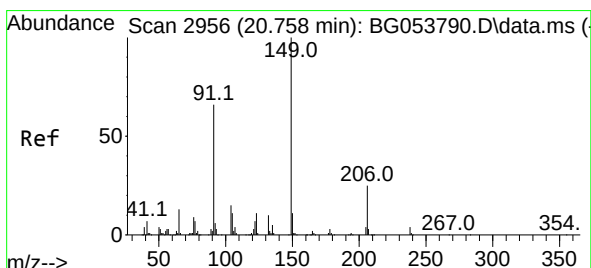
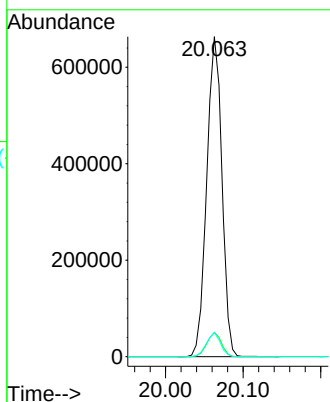
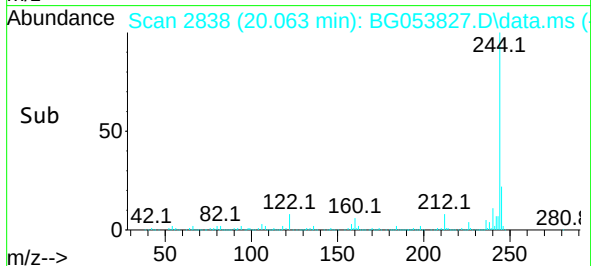


Tgt Ion:244 Resp: 902408
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.5 5.0 7.4

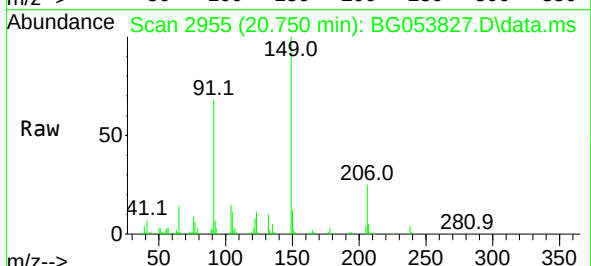
Manual Integrations

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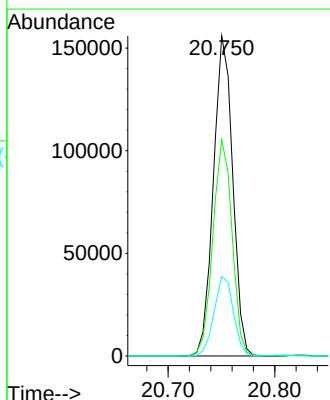
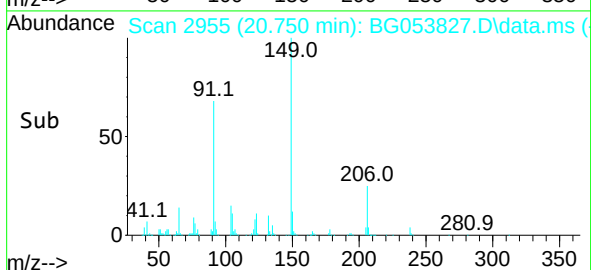
Reviewed By :Christian Giraldo 06/07/2022
 Supervised By :Jagrut Upadhyay 06/07/2022

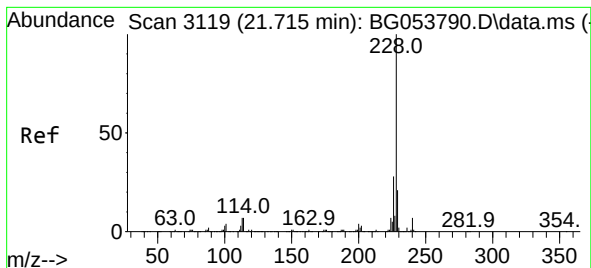


#80
 Butylbenzylphthalate
 Concen: 41.909 ng
 RT: 20.750 min Scan# 2955
 Delta R.T. -0.007 min
 Lab File: BG053827.D
 Acq: 6 Jun 2022 13:23



Tgt Ion:149 Resp: 195285
 Ion Ratio Lower Upper
 149 100
 91 67.6 59.6 89.4
 206 24.9 18.6 28.0





#81

Benzo(a)anthracene

Concen: 39.158 ng

RT: 21.714 min Scan# 3119

Delta R.T. -0.001 min

Lab File: BG053827.D

Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

Tgt Ion:228 Resp: 58406

Ion Ratio Lower Upper

228 100

226 28.1 21.6 32.4

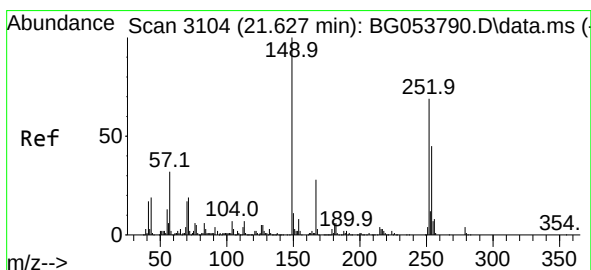
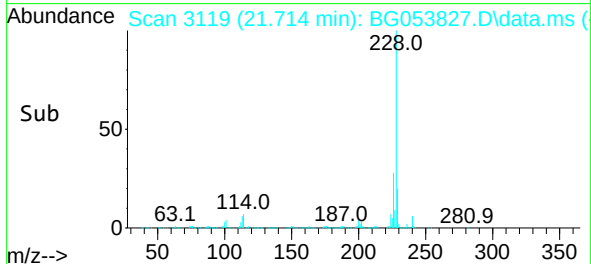
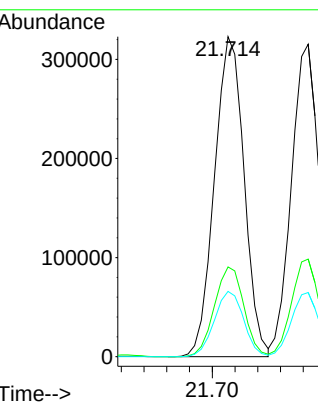
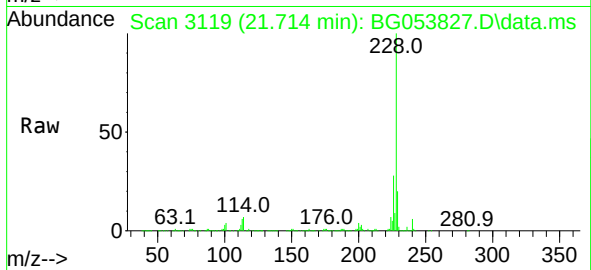
229 20.4 16.2 24.2

Manual Integrations

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Reviewed By :Christian Giraldo 06/07/2022

Supervised By :Jagrut Upadhyay 06/07/2022



#82

3,3'-Dichlorobenzidine

Concen: 39.990 ng

RT: 21.626 min Scan# 3104

Delta R.T. -0.001 min

Lab File: BG053827.D

Acq: 6 Jun 2022 13:23

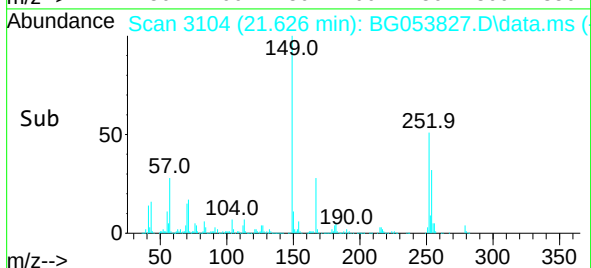
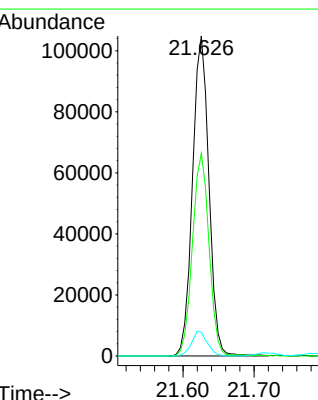
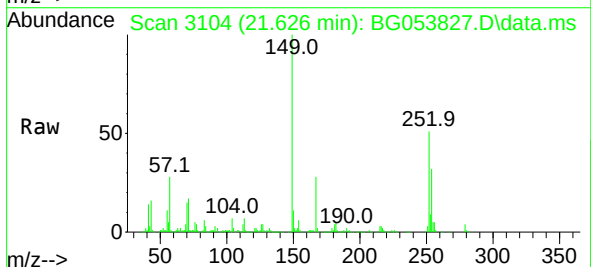
Tgt Ion:252 Resp: 168120

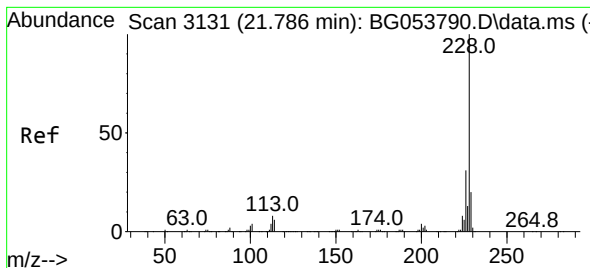
Ion Ratio Lower Upper

252 100

254 63.3 49.8 74.8

126 7.4 6.0 9.0





#83

Chrysene

Concen: 38.137 ng

RT: 21.784 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG053827.D

Acq: 6 Jun 2022 13:23

Instrument :

BNA_G

ClientSampleId :

PB145261BS

Tgt Ion:228 Resp: 536929

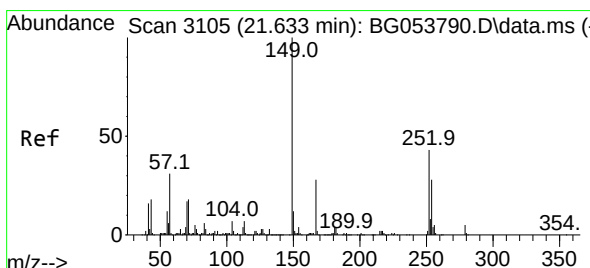
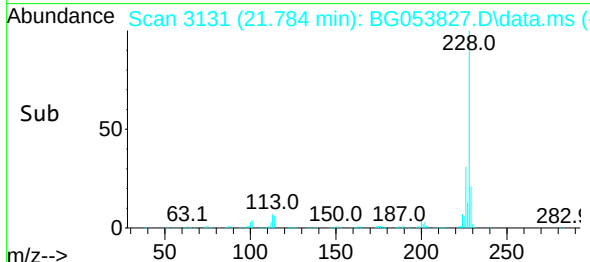
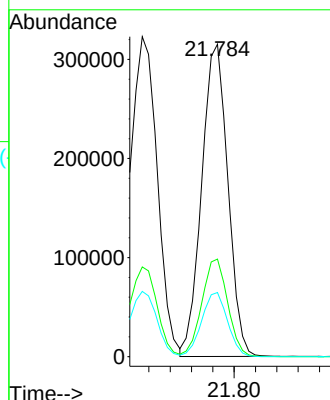
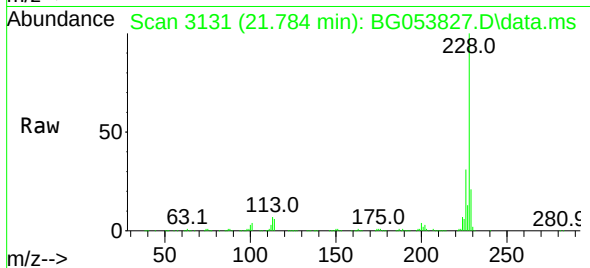
Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	20.5	15.5	23.3

Manual Integrations

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Reviewed By :Christian Giraldo 06/07/2022

Supervised By :Jagrut Upadhyay 06/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.768 ng

RT: 21.626 min Scan# 3104

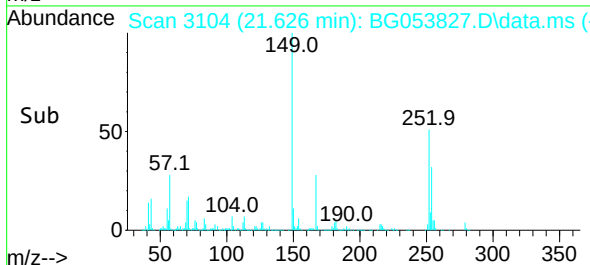
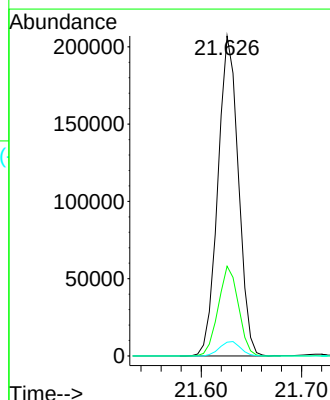
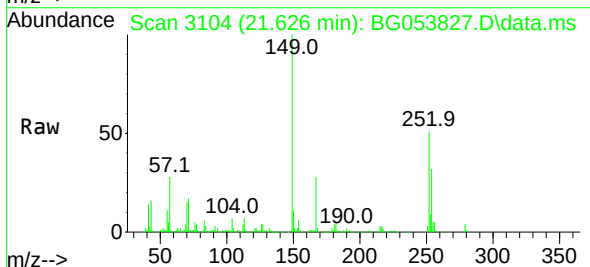
Delta R.T. -0.007 min

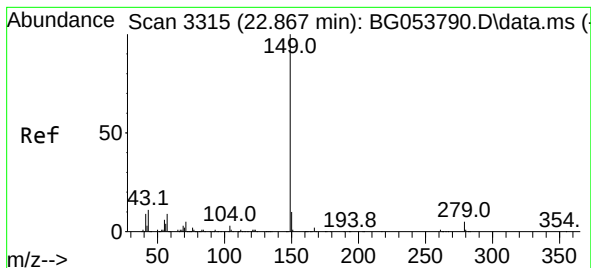
Lab File: BG053827.D

Acq: 6 Jun 2022 13:23

Tgt Ion:149 Resp: 293274

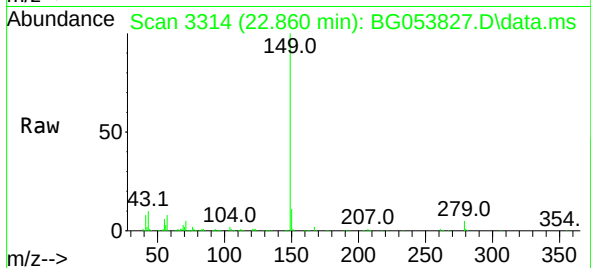
Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.2	30.4
279	4.3	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 44.974 ng
RT: 22.860 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

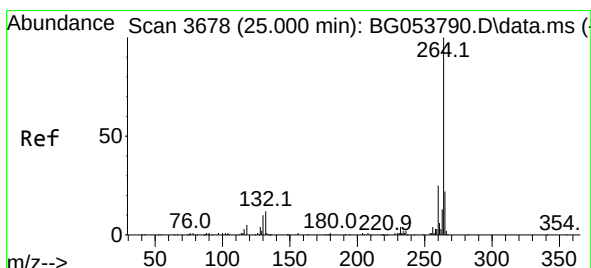
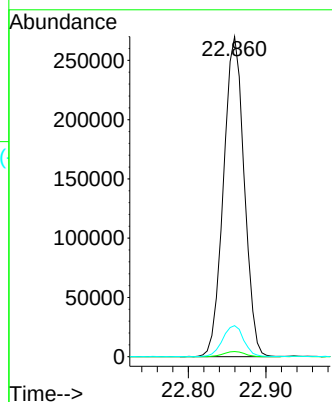
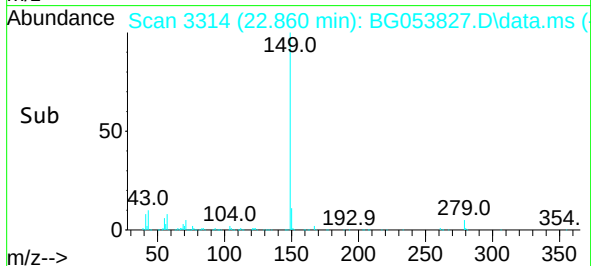
Instrument :
BNA_G
ClientSampleId :
PB145261BS



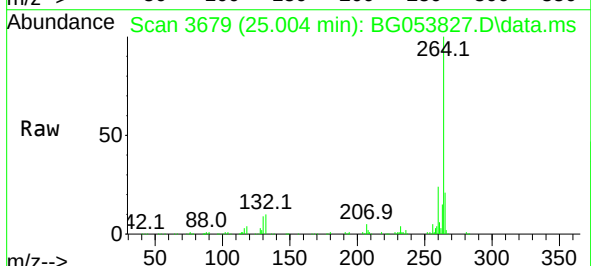
Tgt Ion:149 Resp: 50116
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 9.0 13.4

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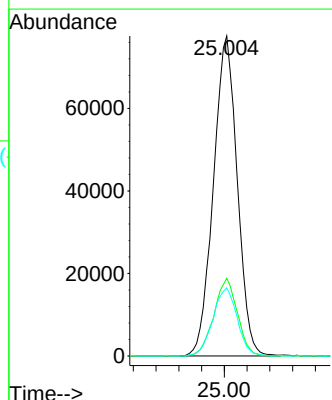
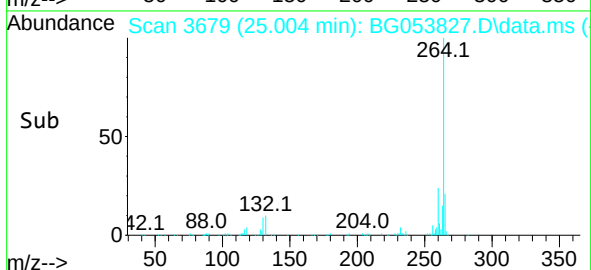
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

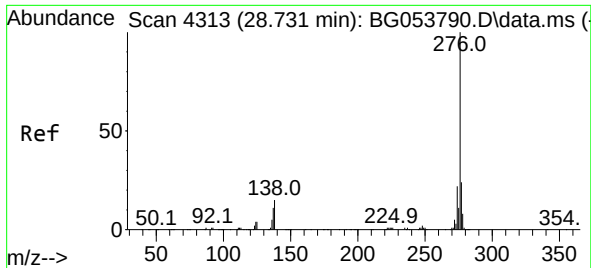


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3679
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



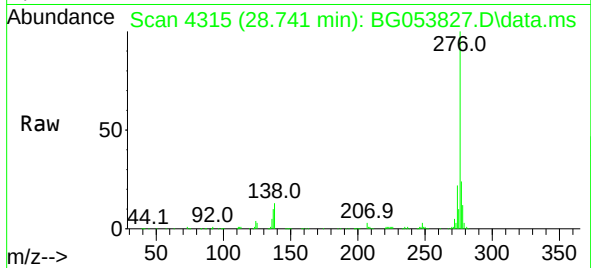
Tgt Ion:264 Resp: 225540
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.925 ng
RT: 28.741 min Scan# 4313
Delta R.T. 0.010 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

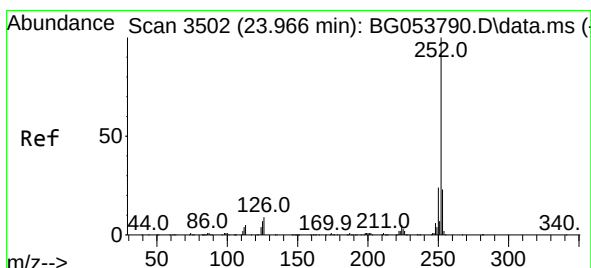
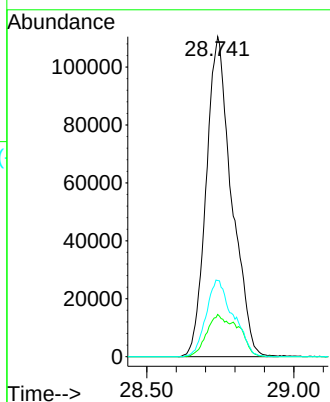
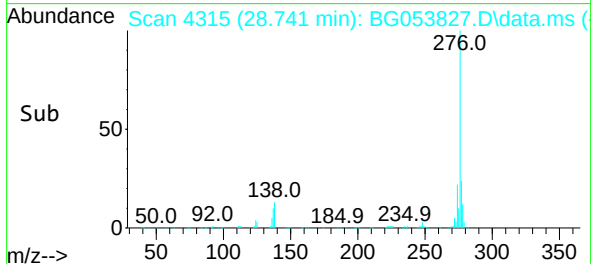
Instrument :
BNA_G
ClientSampleId :
PB145261BS



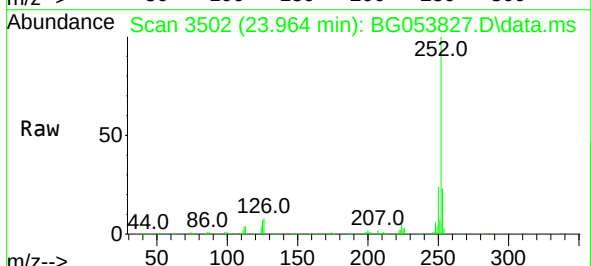
Tgt Ion:276 Resp: 66372
Ion Ratio Lower Upper
276 100
138 10.7 5.0 7.4
277 25.6 20.3 30.5

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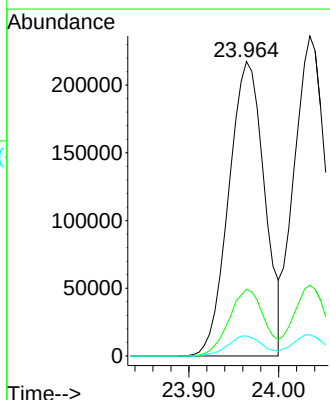
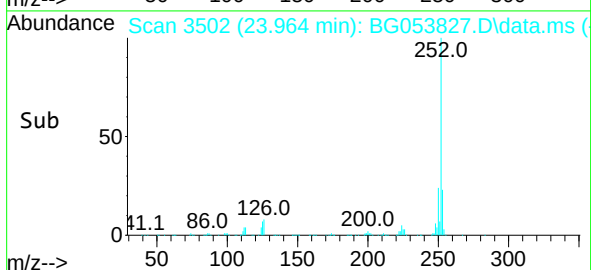
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

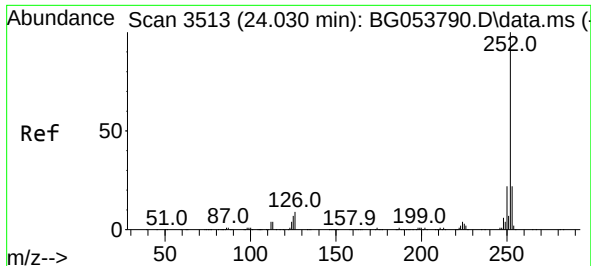


#88
Benzo(b)fluoranthene
Concen: 42.925 ng
RT: 23.964 min Scan# 3502
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



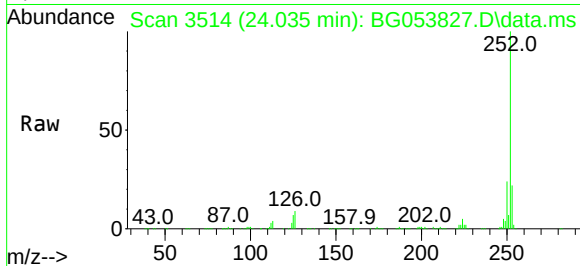
Tgt Ion:252 Resp: 601050
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 6.8 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 41.837 ng
RT: 24.035 min Scan# 3513
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

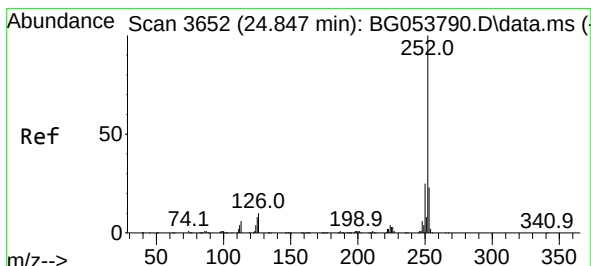
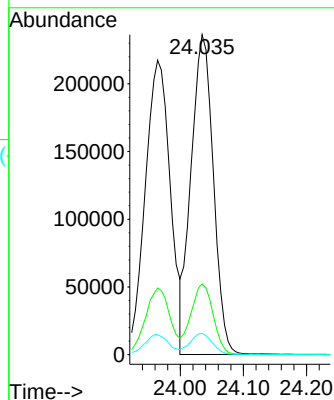
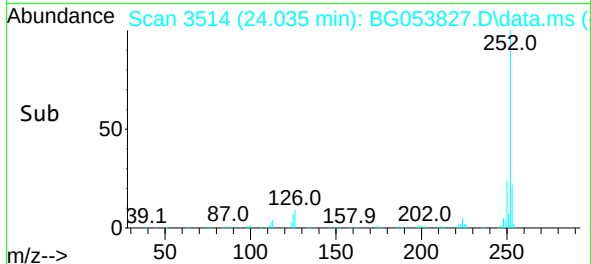
Instrument :
BNA_G
ClientSampleId :
PB145261BS



Tgt Ion:252 Resp: 57904
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 6.7 4.8 7.2

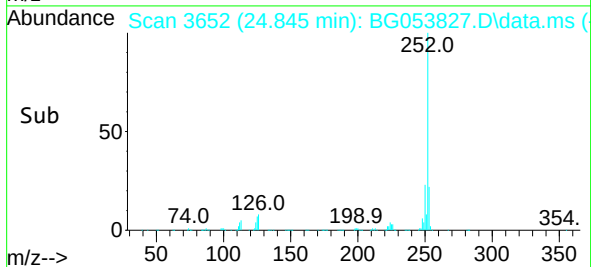
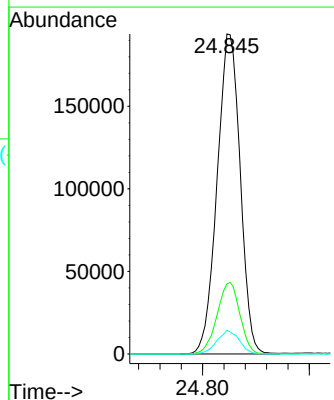
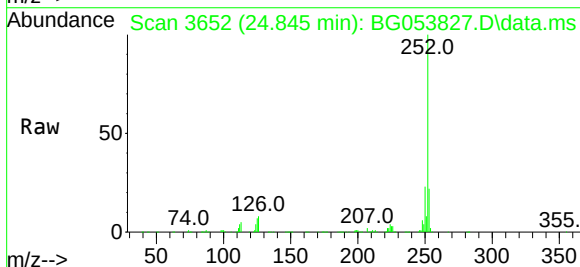
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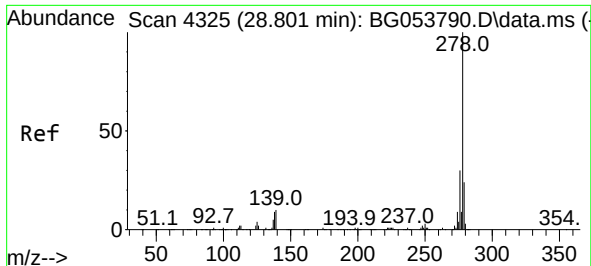
Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#90
Benzo(a)pyrene
Concen: 49.097 ng
RT: 24.845 min Scan# 3652
Delta R.T. -0.001 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

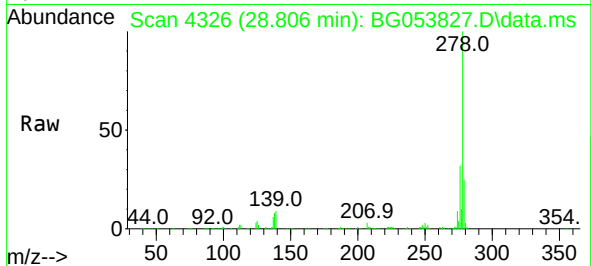
Tgt Ion:252 Resp: 581404
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 7.4 4.3 6.5#





#91
Dibenzo(a,h)anthracene
Concen: 42.222 ng
RT: 28.806 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23

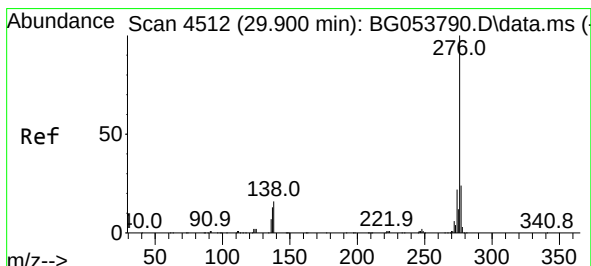
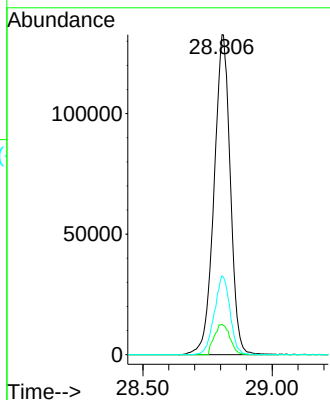
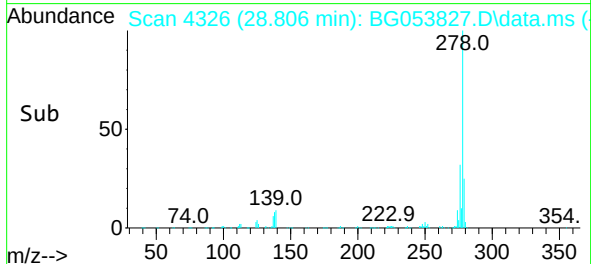
Instrument :
BNA_G
ClientSampleId :
PB145261BS



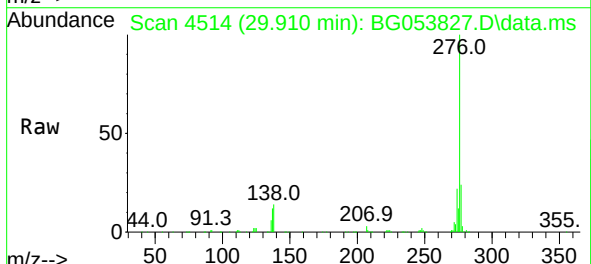
Tgt Ion:278 Resp: 580018
Ion Ratio Lower Upper
278 100
139 9.4 7.2 10.8
279 24.7 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022



#92
Benzo(g,h,i)perylene
Concen: 42.306 ng
RT: 29.910 min Scan# 4514
Delta R.T. 0.010 min
Lab File: BG053827.D
Acq: 6 Jun 2022 13:23



Tgt Ion:276 Resp: 572861
Ion Ratio Lower Upper
276 100
277 24.5 17.3 25.9
138 13.9 9.6 14.4

