

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056522.D
 Acq On : 2 Feb 2023 20:15
 Operator : CG/JU
 Sample : 01348-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 05:58:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	31863	20.000	ng	0.00
21) Naphthalene-d8	11.109	136	122854	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	98657	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	251900	20.000	ng	0.00
76) Chrysene-d12	21.925	240	252535	20.000	ng	0.00
86) Perylene-d12	25.339	264	278731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	200194	115.580	ng	0.00
7) Phenol-d6	7.419	99	288057	112.243	ng	0.00
23) Nitrobenzene-d5	9.452	82	150828	69.715	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	105064	80.105	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	504466	70.893	ng	0.00
79) Terphenyl-d14	20.210	244	1047528	72.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.594	88	31046	43.046	ng	97
3) Pyridine	4.017	79	81666	37.985	ng	96
4) n-Nitrosodimethylamine	3.929	42	20090	43.941	ng	# 96
6) Aniline	7.589	93	54994	16.367	ng	98
8) 2-Chlorophenol	7.836	128	93114	48.936	ng	97
9) Benzaldehyde	7.401	77	57283	55.544	ng	98
10) Phenol	7.448	94	131365	50.362	ng	99
11) bis(2-Chloroethyl)ether	7.677	93	82803	46.184	ng	97
12) 1,3-Dichlorobenzene	8.165	146	104118	47.525	ng	98
13) 1,4-Dichlorobenzene	8.312	146	107005	48.230	ng	96
14) 1,2-Dichlorobenzene	8.635	146	103870	48.253	ng	98
15) Benzyl Alcohol	8.512	79	79615m	45.215	ng	
16) 2,2'-oxybis(1-Chloropr...	8.794	45	16057	42.268	ng	91
17) 2-Methylphenol	8.711	107	88969	44.835	ng	99
18) Hexachloroethane	9.369	117	31556	47.025	ng	96
19) n-Nitroso-di-n-propyla...	9.076	70	60398	40.838	ng	98
20) 3+4-Methylphenols	9.046	107	123244	44.317	ng	98
22) Acetophenone	9.105	105	144068	44.135	ng	# 99
24) Nitrobenzene	9.493	77	93896	44.994	ng	98
25) Isophorone	10.016	82	185811	41.630	ng	99
26) 2-Nitrophenol	10.210	139	57420	45.350	ng	97
27) 2,4-Dimethylphenol	10.257	122	95348	44.997	ng	94
28) bis(2-Chloroethoxy)met...	10.492	93	111202	45.100	ng	96
29) 2,4-Dichlorophenol	10.750	162	114636	48.061	ng	96
30) 1,2,4-Trichlorobenzene	10.968	180	125553	47.369	ng	99
31) Naphthalene	11.156	128	290375	44.781	ng	100
32) Benzoic acid	10.398	122	49864m	42.060	ng	
33) 4-Chloroaniline	11.267	127	32989	10.899	ng	97
34) Hexachlorobutadiene	11.432	225	87264	46.903	ng	98
35) Caprolactam	12.037	113	33131m	41.186	ng	
36) 4-Chloro-3-methylphenol	12.366	107	107233	46.553	ng	97
37) 2-Methylnaphthalene	12.742	142	223732	41.852	ng	98
38) 1-Methylnaphthalene	12.959	142	210077	42.078	ng	98
40) 1,2,4,5-Tetrachloroben...	13.106	216	167943	46.595	ng	99
41) Hexachlorocyclopentadiene	13.077	237	171027	88.755	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	108724	46.810	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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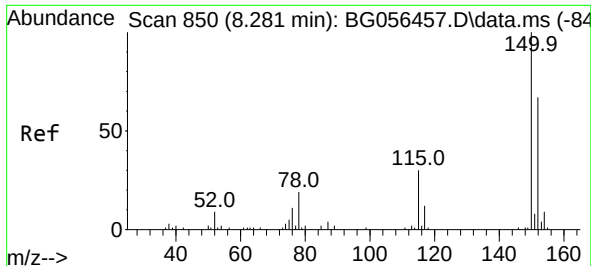
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	119640	43.994	ng	98
46) 1,1'-Biphenyl	13.729	154	329125	45.994	ng	100
47) 2-Chloronaphthalene	13.782	162	262723	46.971	ng	99
48) 2-Nitroaniline	13.982	65	52638	45.525	ng	91
49) Acenaphthylene	14.622	152	405544	44.565	ng	100
50) Dimethylphthalate	14.334	163	347185	43.498	ng	100
51) 2,6-Dinitrotoluene	14.464	165	76587	44.000	ng	98
52) Acenaphthene	14.957	154	245059	45.411	ng	98
53) 3-Nitroaniline	14.798	138	26221	15.539	ng	# 98
54) 2,4-Dinitrophenol	15.004	184	106907	97.970	ng	96
55) Dibenzofuran	15.292	168	429131	44.341	ng	99
56) 4-Nitrophenol	15.104	139	112648	97.696	ng	99
57) 2,4-Dinitrotoluene	15.251	165	108732	44.348	ng	99
58) Fluorene	15.938	166	347215	45.088	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.515	232	114163	47.215	ng	# 99
60) Diethylphthalate	15.686	149	323983	43.227	ng	100
61) 4-Chlorophenyl-phenyle...	15.915	204	212096	45.136	ng	97
62) 4-Nitroaniline	15.956	138	70461	41.729	ng	98
63) Azobenzene	16.209	77	238962	46.337	ng	97
65) 4,6-Dinitro-2-methylph...	16.015	198	79390	44.828	ng	99
66) n-Nitrosodiphenylamine	16.132	169	316533	44.382	ng	98
67) 4-Bromophenyl-phenylether	16.814	248	145090	44.992	ng	99
68) Hexachlorobenzene	16.943	284	149956	47.478	ng	98
69) Atrazine	17.066	200	138988	50.514	ng	97
70) Pentachlorophenol	17.284	266	156279	81.774	ng	96
71) Phenanthrene	17.677	178	606456	45.999	ng	98
72) Anthracene	17.766	178	614679	45.418	ng	99
73) Carbazole	18.030	167	535827	46.486	ng	99
74) Di-n-butylphthalate	18.559	149	558747	46.167	ng	100
75) Fluoranthene	19.669	202	774092	46.521	ng	99
77) Benzidine	19.834	184	197193	28.855	ng	97
78) Pyrene	20.028	202	780240	43.441	ng	99
80) Butylbenzylphthalate	20.885	149	236107	43.044	ng	99
81) Benzo(a)anthracene	21.902	228	785314	44.481	ng	99
82) 3,3'-Dichlorobenzidine	21.802	252	119384	18.777	ng	98
83) Chrysene	21.972	228	730730	44.055	ng	100
84) Bis(2-ethylhexyl)phtha...	21.761	149	347571	44.196	ng	100
85) Di-n-octyl phthalate	23.036	149	594646	45.403	ng	100
87) Indeno(1,2,3-cd)pyrene	29.287	276	954474	46.780	ng	# 95
88) Benzo(b)fluoranthene	24.252	252	833015	48.149	ng	99
89) Benzo(k)fluoranthene	24.323	252	815346	46.679	ng	100
90) Benzo(a)pyrene	25.186	252	736679	43.227	ng	98
91) Dibenzo(a,h)anthracene	29.346	278	795095	46.425	ng	99
92) Benzo(g,h,i)perylene	30.533	276	768844	46.525	ng	100

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

Manual Integrations

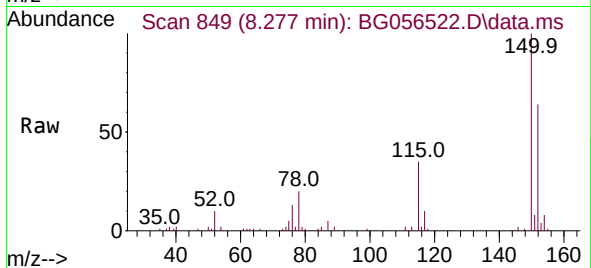
Quant Time: Feb 03 05:58:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

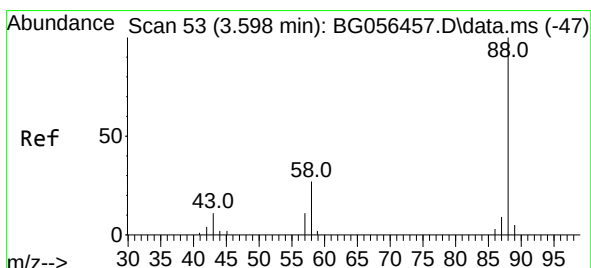
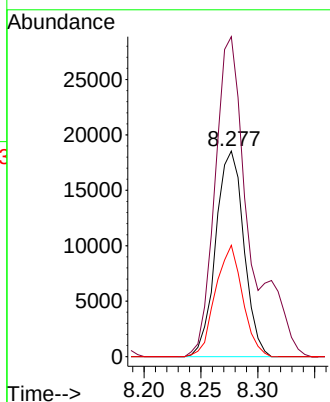
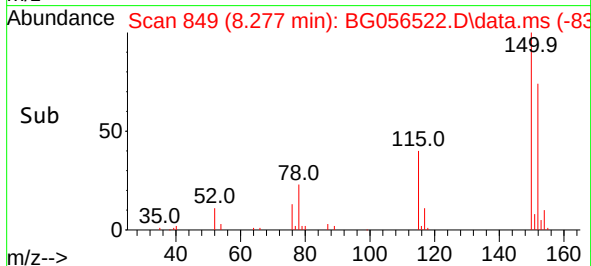
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:152 Resp: 31863
Ion Ratio Lower Upper
152 100
150 155.7 120.2 180.4
115 54.2 36.3 54.5

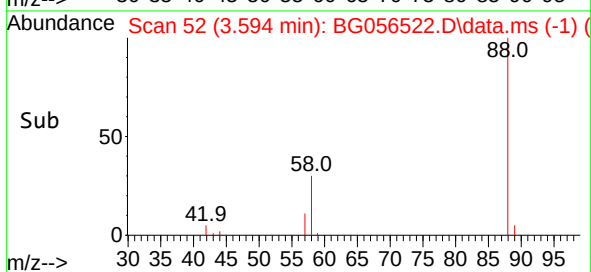
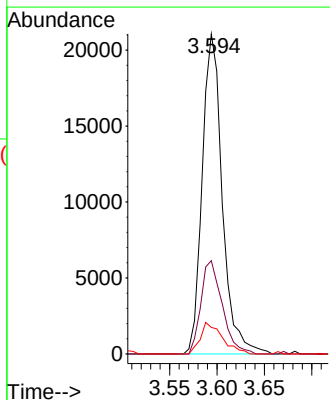
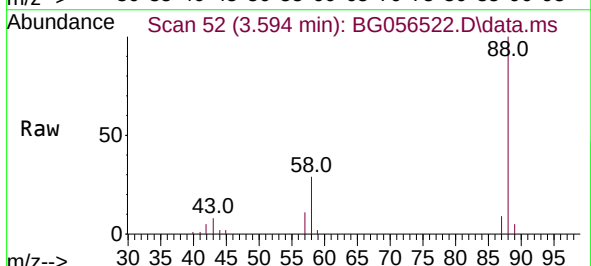
Manual Integrations
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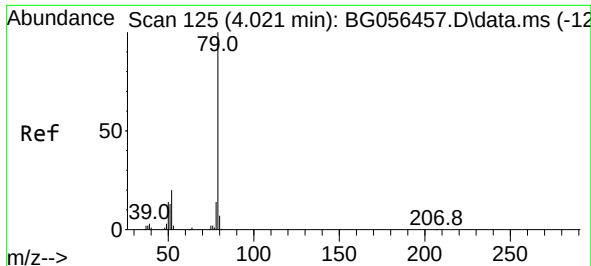
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#2
1,4-Dioxane
Concen: 43.046 ng
RT: 3.594 min Scan# 52
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

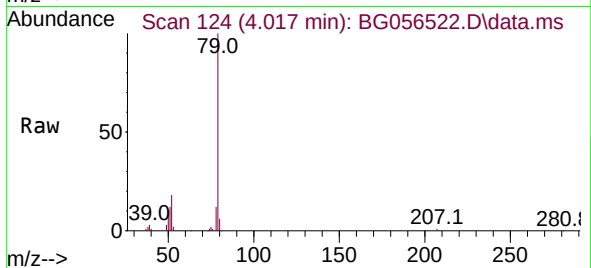
Tgt Ion: 88 Resp: 31046
Ion Ratio Lower Upper
88 100
58 30.8 23.0 34.4
43 10.7 8.0 12.0





#3
Pyridine
Concen: 37.985 ng
RT: 4.017 min Scan# 110
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

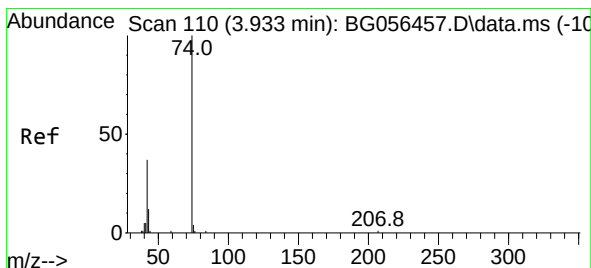
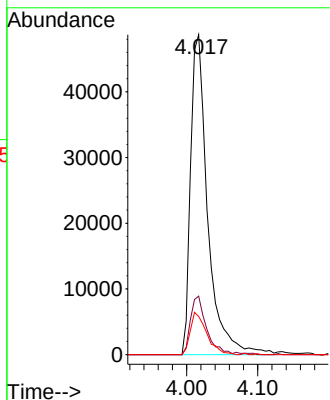
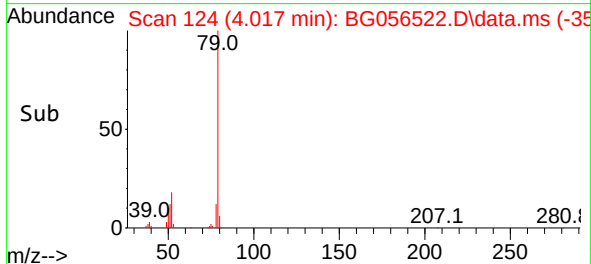
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



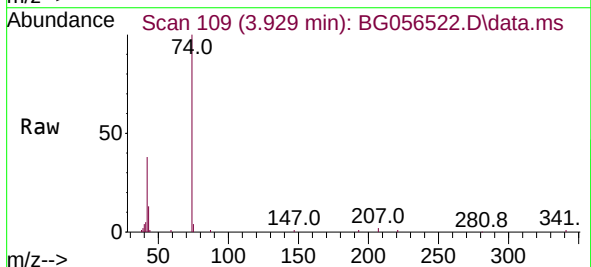
Tgt Ion: 79 Resp: 81666
Ion Ratio Lower Upper
79 100
52 18.3 16.1 24.1
51 11.9 10.7 16.1

Manual Integrations
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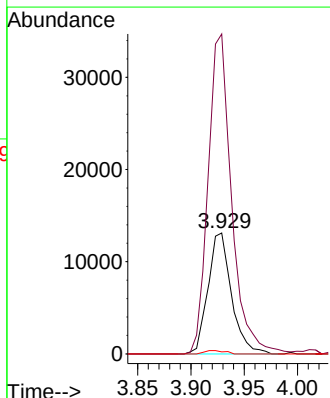
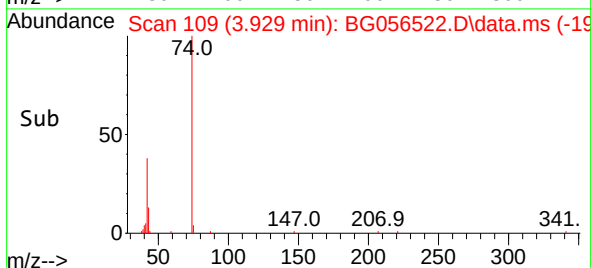
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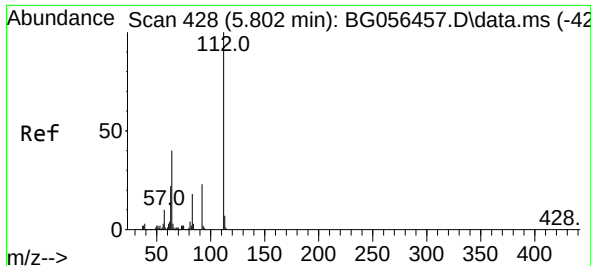


#4
n-Nitrosodimethylamine
Concen: 43.941 ng
RT: 3.929 min Scan# 109
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



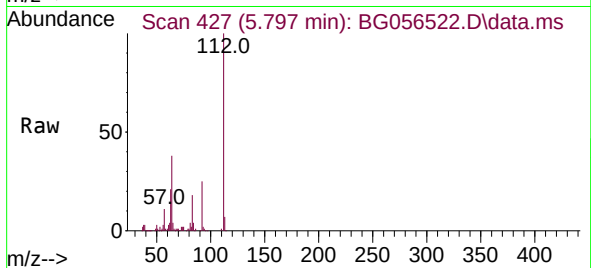
Tgt Ion: 42 Resp: 20090
Ion Ratio Lower Upper
42 100
74 264.5 217.9 326.9
44 1.7 3.0 4.6





#5
2-Fluorophenol
Concen: 115.580 ng
RT: 5.797 min Scan# 428
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

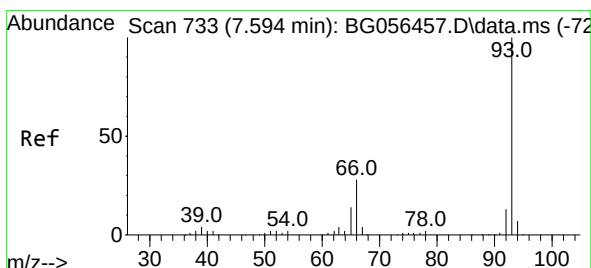
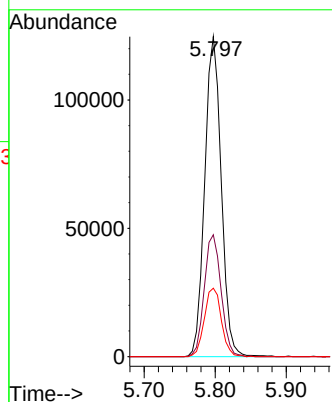
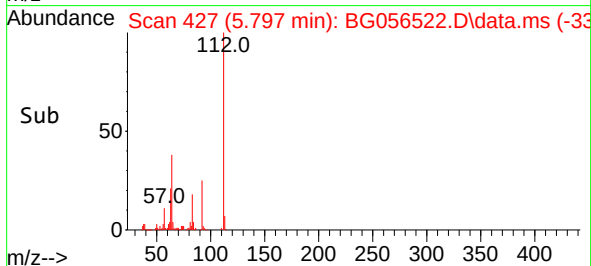
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion: 112 Resp: 200194
Ion Ratio Lower Upper
112 100
64 38.1 31.9 47.9
63 21.4 17.4 26.0

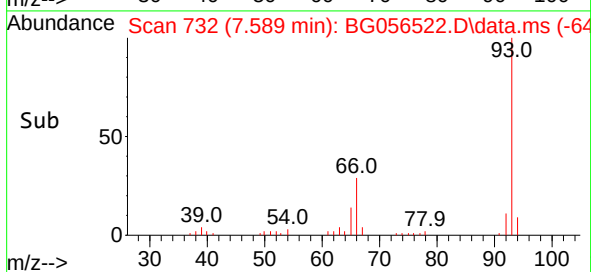
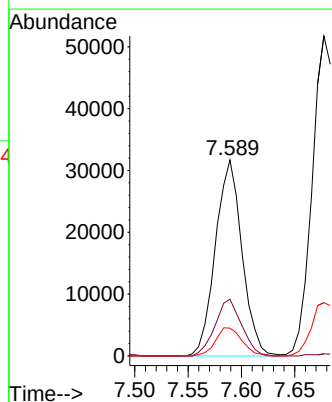
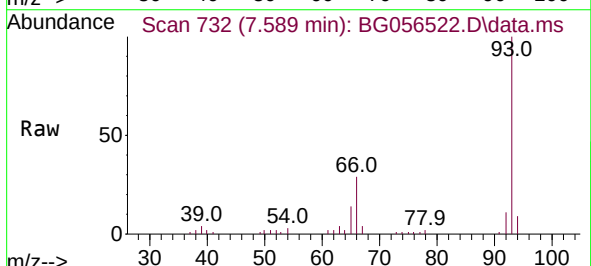
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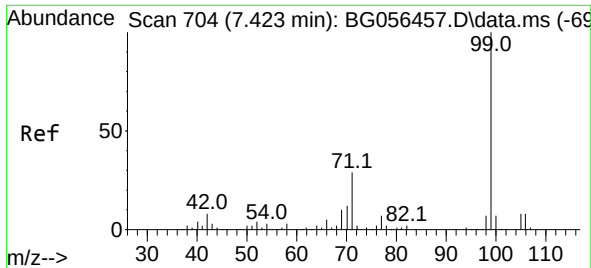
Reviewed By :Christian Giraldo 02/03/2023
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#6
Aniline
Concen: 16.367 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Tgt Ion: 93 Resp: 54994
Ion Ratio Lower Upper
93 100
66 28.9 22.2 33.2
65 14.2 11.3 16.9





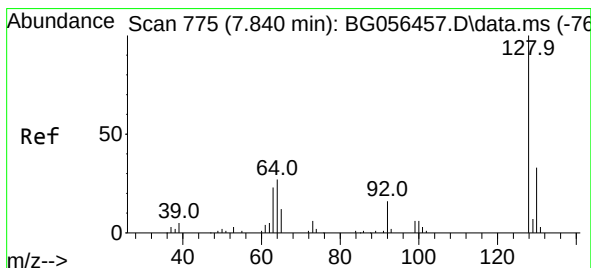
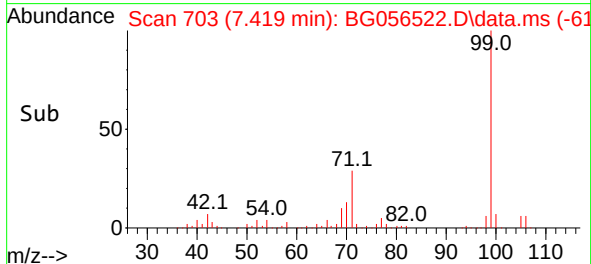
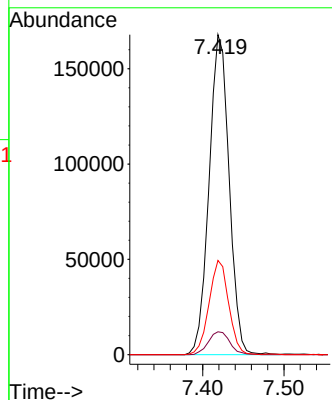
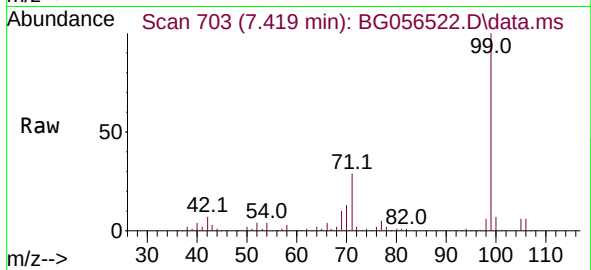
#7
Phenol-d6
Concen: 112.243 ng
RT: 7.419 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

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ClientSampleId :
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Tgt Ion: 99 Resp: 28805
Ion Ratio Lower Upper
99 100
42 7.1 6.6 10.0
71 29.4 23.4 35.0

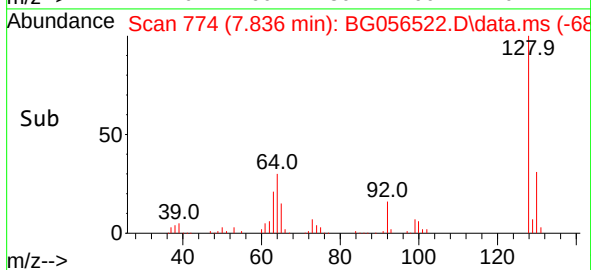
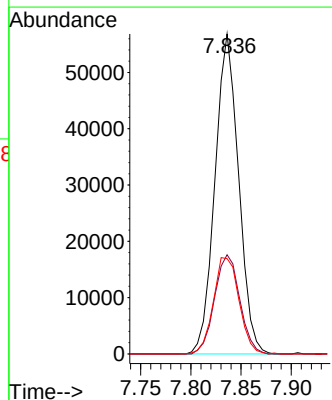
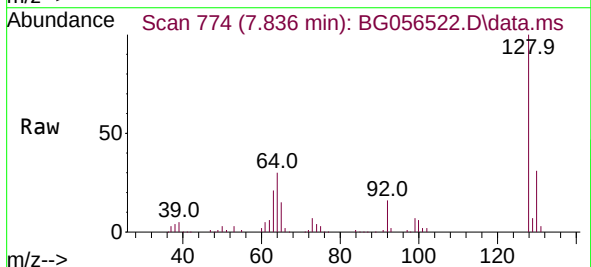
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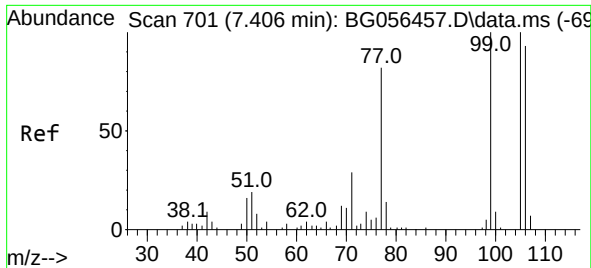
Reviewed By :Christian Giraldo 02/03/2023
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#8
2-Chlorophenol
Concen: 48.936 ng
RT: 7.836 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Tgt Ion:128 Resp: 93114
Ion Ratio Lower Upper
128 100
130 31.0 12.8 52.8
64 29.8 11.3 51.3





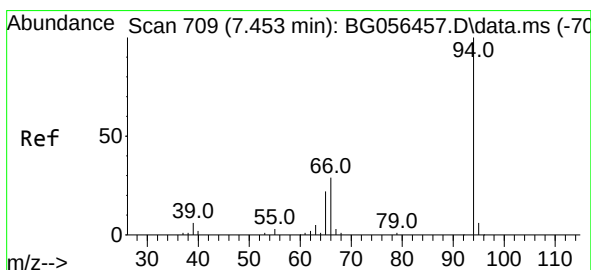
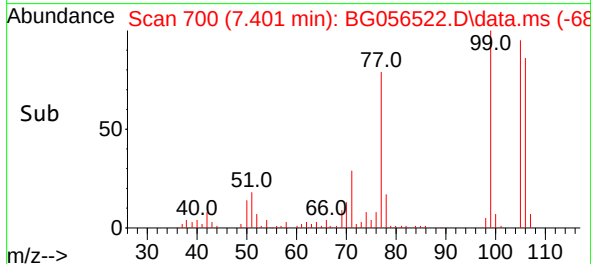
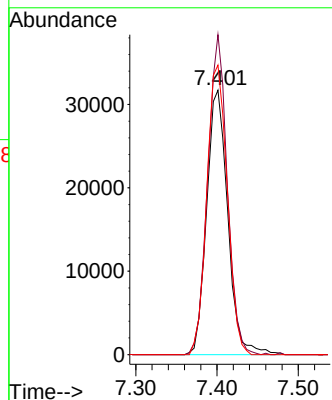
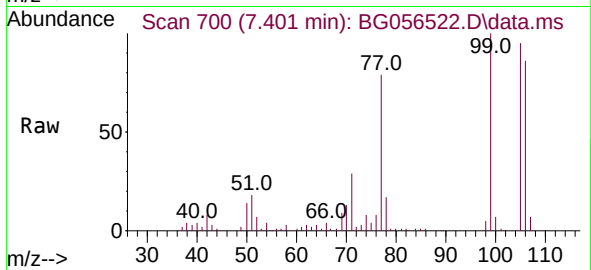
#9
Benzaldehyde
Concen: 55.544 ng
RT: 7.401 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD

Tgt Ion: 77 Resp: 57283
Ion Ratio Lower Upper
77 100
105 121.0 101.8 141.8
106 109.5 93.0 133.0

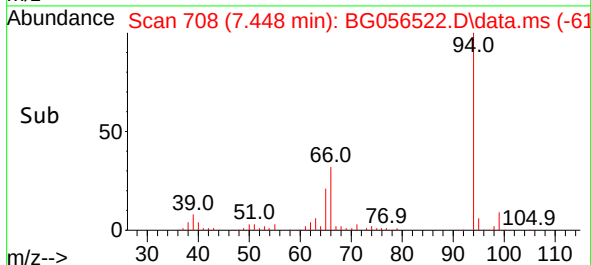
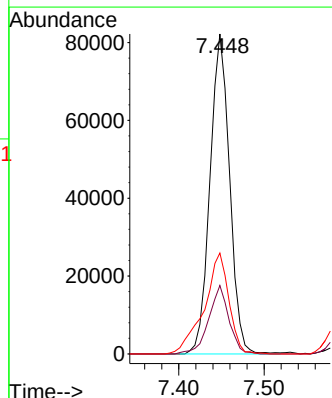
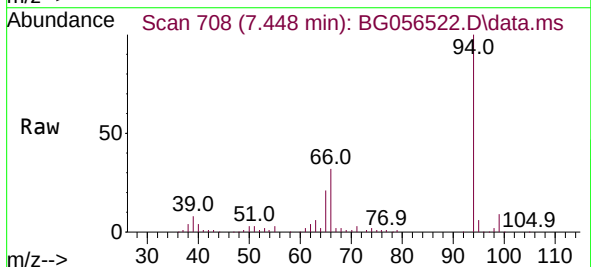
Manual Integrations
APPROVED

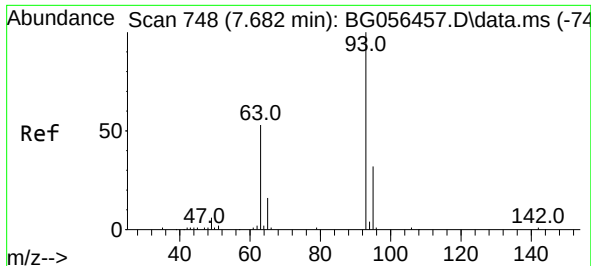
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#10
Phenol
Concen: 50.362 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Tgt Ion: 94 Resp: 131365
Ion Ratio Lower Upper
94 100
65 21.4 2.3 42.3
66 31.5 11.2 51.2





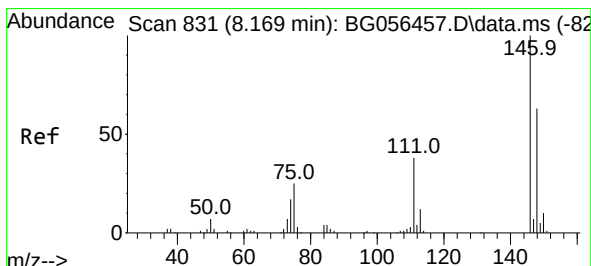
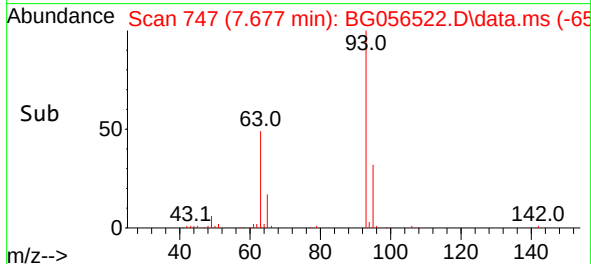
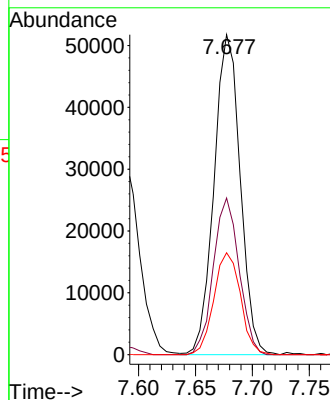
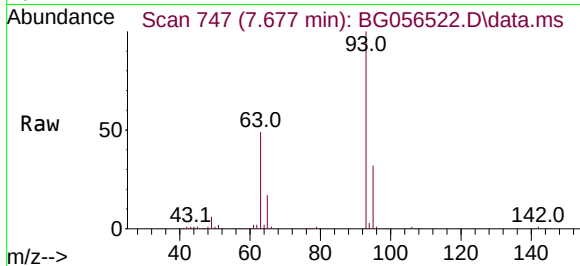
#11
bis(2-Chloroethyl)ether
Concen: 46.184 ng
RT: 7.677 min Scan# 74
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD

Tgt Ion: 93 Resp: 82803
Ion Ratio Lower Upper
93 100
63 48.9 32.4 72.4
95 31.8 11.8 51.8

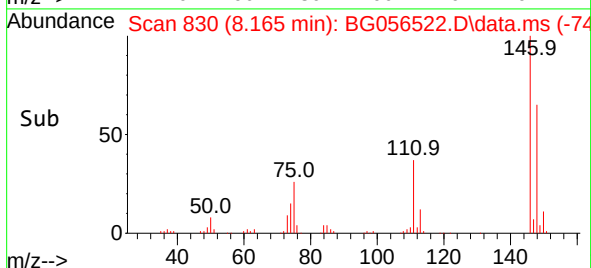
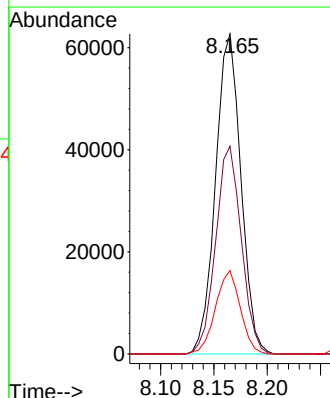
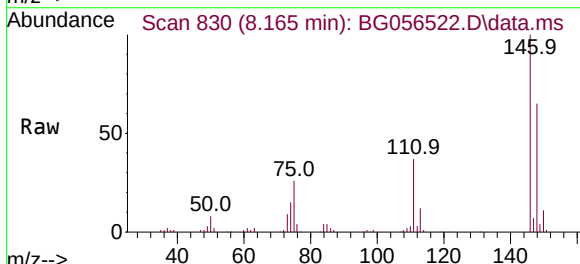
Manual Integrations
APPROVED

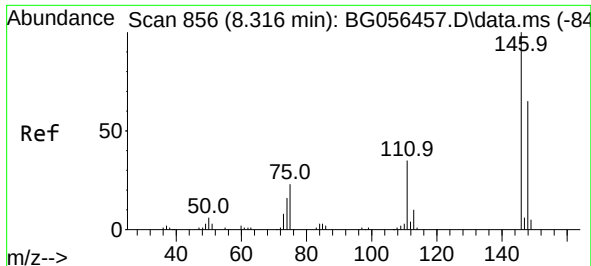
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#12
1,3-Dichlorobenzene
Concen: 47.525 ng
RT: 8.165 min Scan# 830
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Tgt Ion:146 Resp: 104118
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 26.0 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 48.230 ng

RT: 8.312 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MSD

Tgt Ion:146 Resp: 107005

Ion Ratio Lower Upper

146 100

148 61.0 51.8 77.6

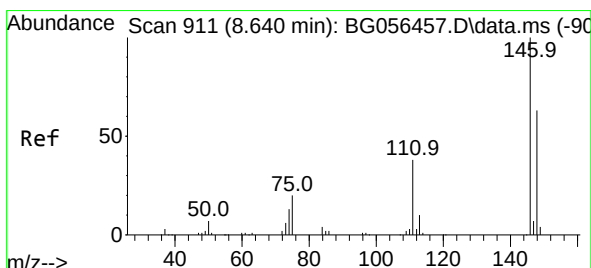
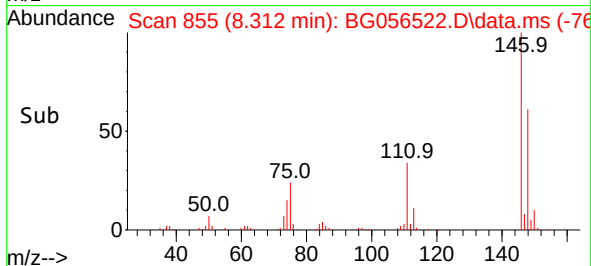
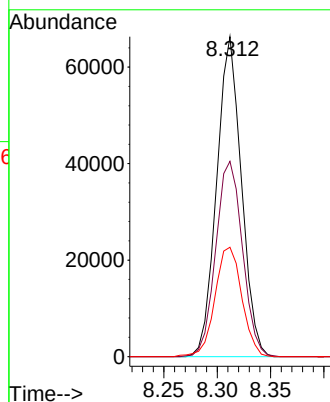
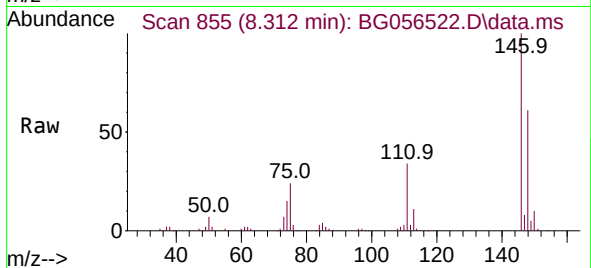
111 34.2 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#14

1,2-Dichlorobenzene

Concen: 48.253 ng

RT: 8.635 min Scan# 910

Delta R.T. 0.001 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

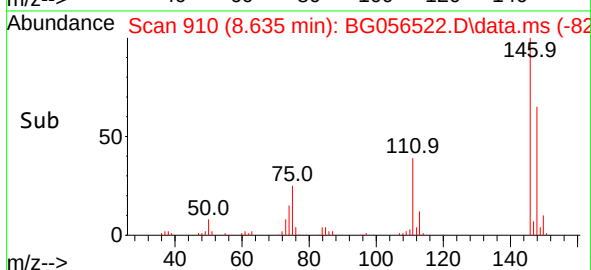
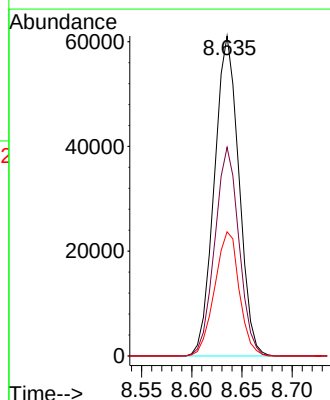
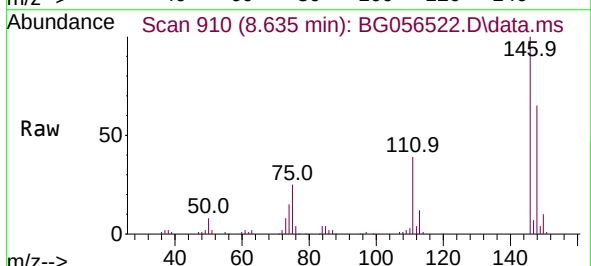
Tgt Ion:146 Resp: 103870

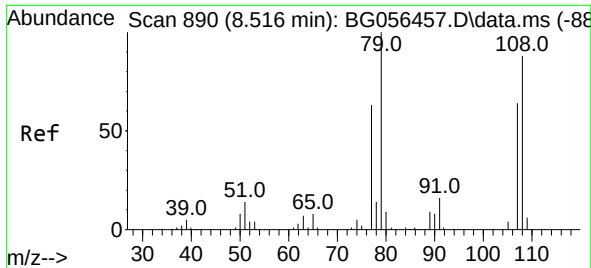
Ion Ratio Lower Upper

146 100

148 65.2 50.1 75.1

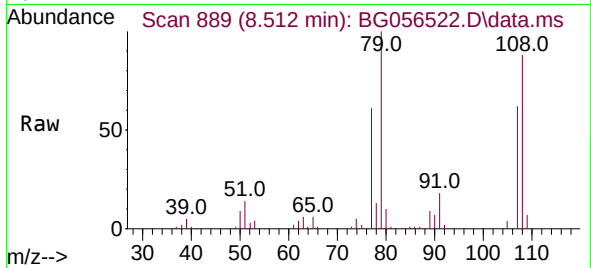
111 38.8 30.9 46.3





#15
Benzyl Alcohol
Concen: 45.215 ng m
RT: 8.512 min Scan# 889
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

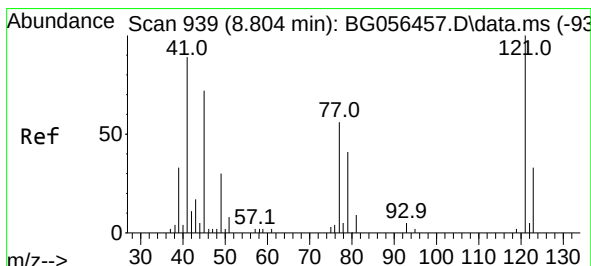
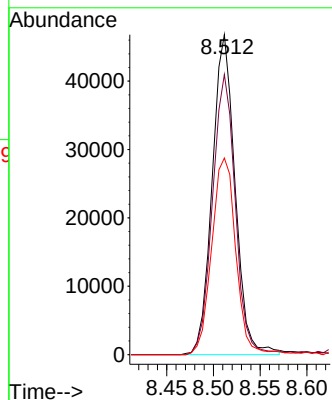
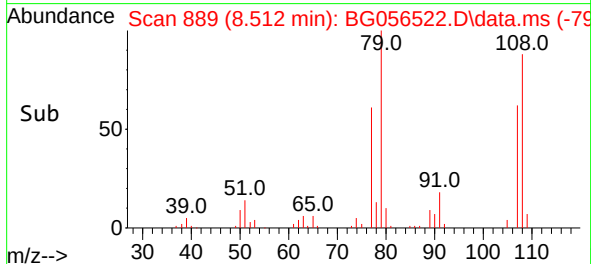
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion: 79 Resp: 79615
Ion Ratio Lower Upper
79 100
108 87.5 70.1 105.1
77 61.4 50.3 75.5

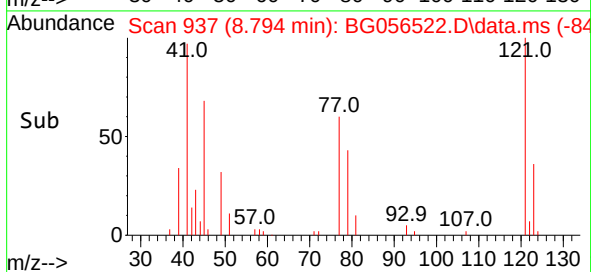
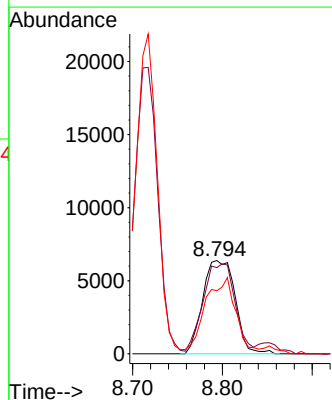
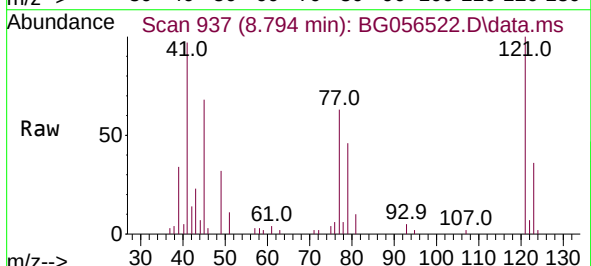
Manual Integrations
APPROVED

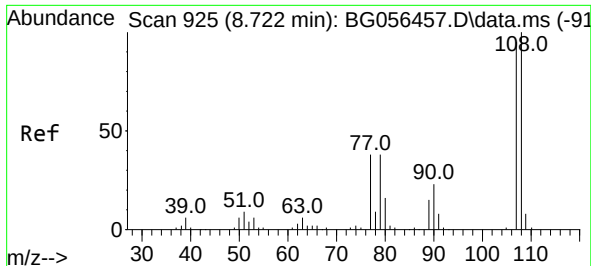
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.268 ng
RT: 8.794 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

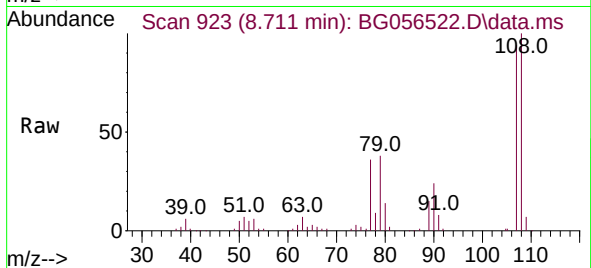
Tgt Ion: 45 Resp: 16057
Ion Ratio Lower Upper
45 100
77 92.5 62.1 102.1
79 67.5 42.7 82.7





#17
2-Methylphenol
Concen: 44.835 ng
RT: 8.711 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

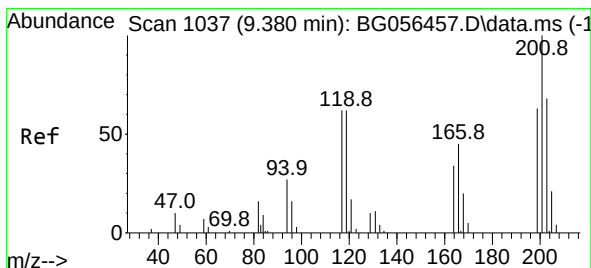
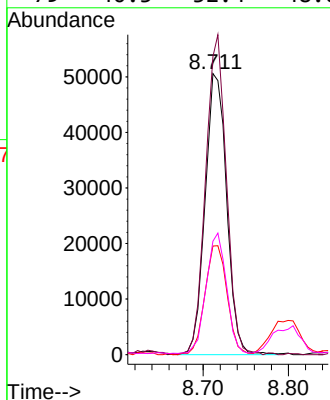
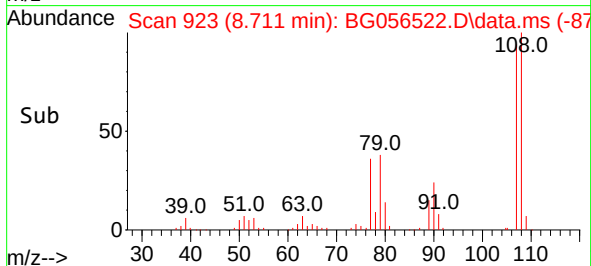
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



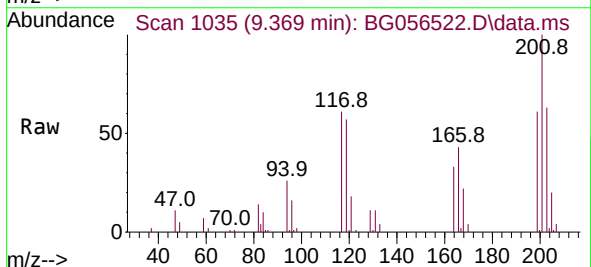
Tgt Ion:107 Resp: 88969
Ion Ratio Lower Upper
107 100
108 106.0 83.9 125.9
77 38.7 31.6 47.4
79 40.3 32.4 48.6

Manual Integrations
APPROVED

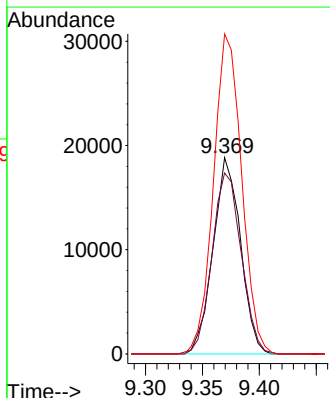
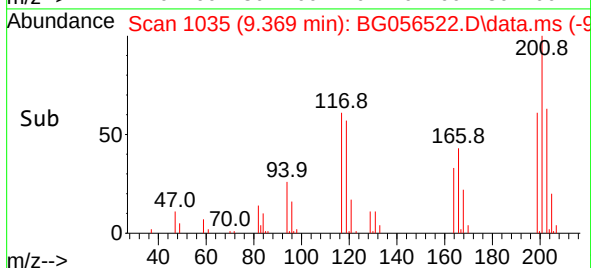
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

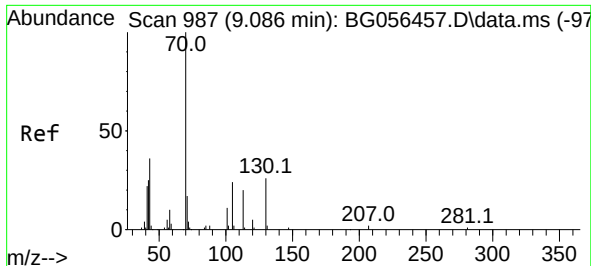


#18
Hexachloroethane
Concen: 47.025 ng
RT: 9.369 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



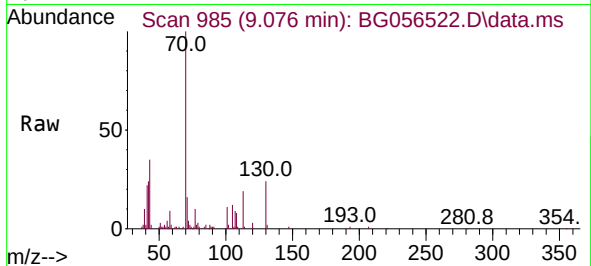
Tgt Ion:117 Resp: 31556
Ion Ratio Lower Upper
117 100
119 92.2 79.4 119.0
201 163.1 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.838 ng
RT: 9.076 min Scan# 985
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

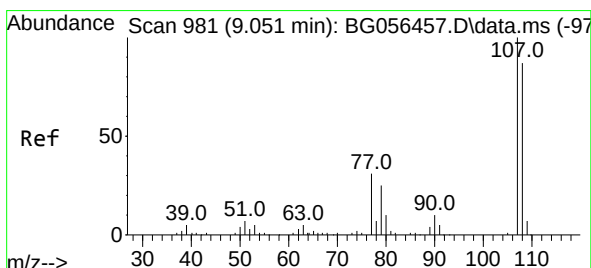
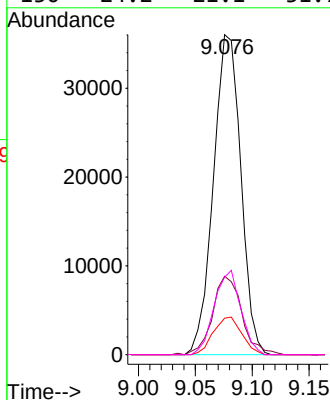
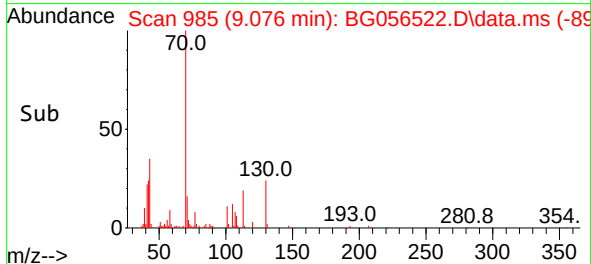
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion: 70 Resp: 60398
Ion Ratio Lower Upper
70 100
42 24.5 20.2 30.4
101 11.4 9.1 13.7
130 24.2 21.1 31.7

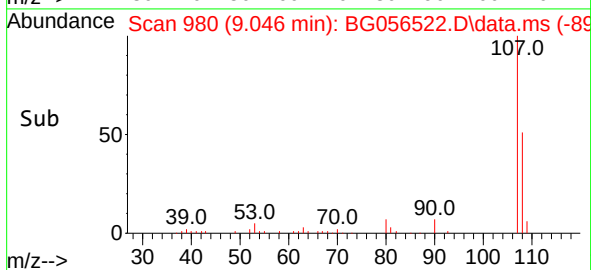
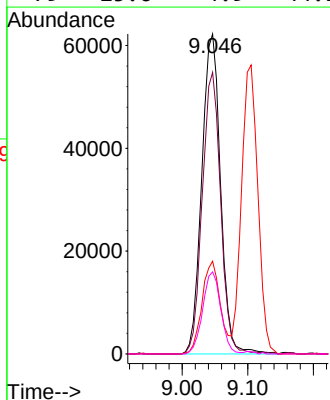
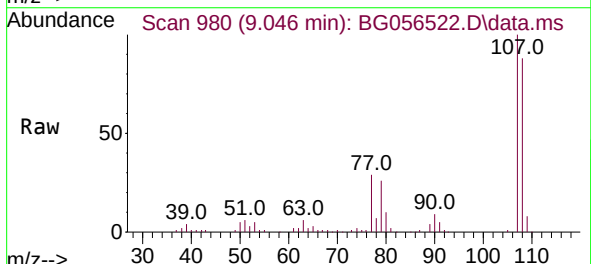
Manual Integrations
APPROVED

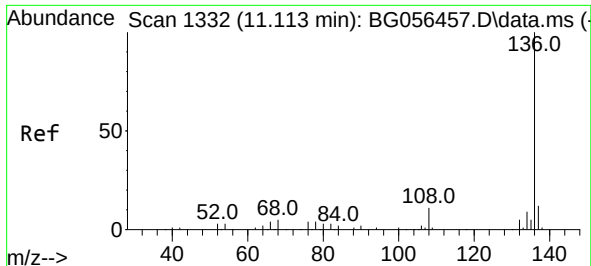
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#20
3+4-Methylphenols
Concen: 44.317 ng
RT: 9.046 min Scan# 980
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

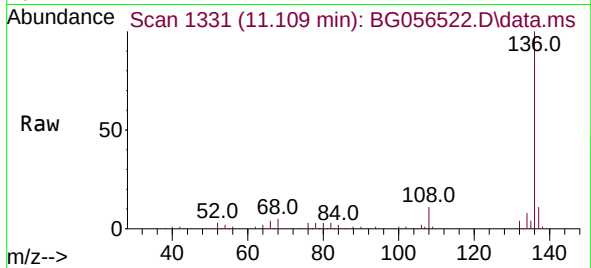
Tgt Ion:107 Resp: 123244
Ion Ratio Lower Upper
107 100
108 88.0 66.7 106.7
77 29.0 10.6 50.6
79 25.6 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.109 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

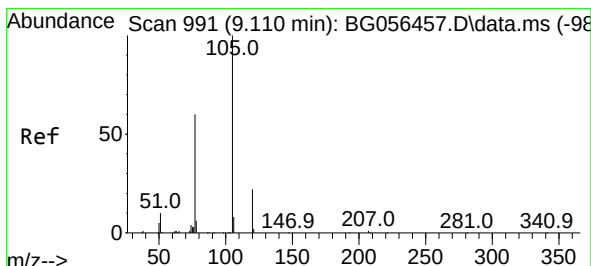
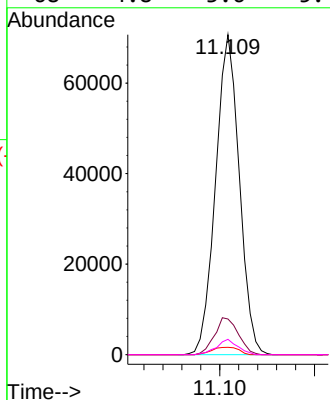
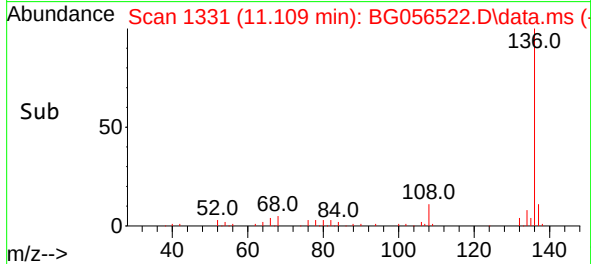
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:136 Resp: 122854
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.3 2.2 3.4
68 4.8 3.6 5.4

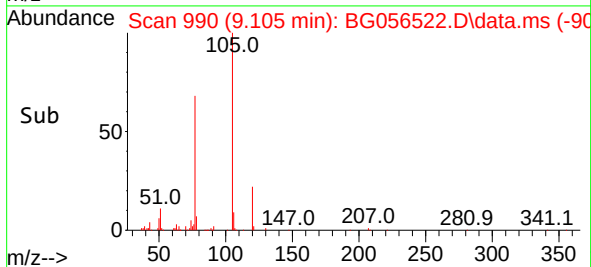
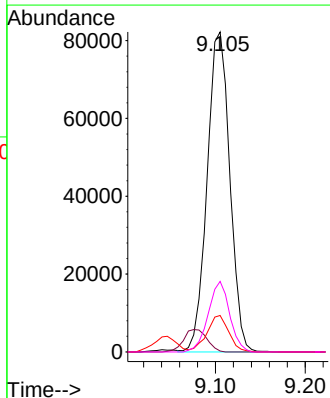
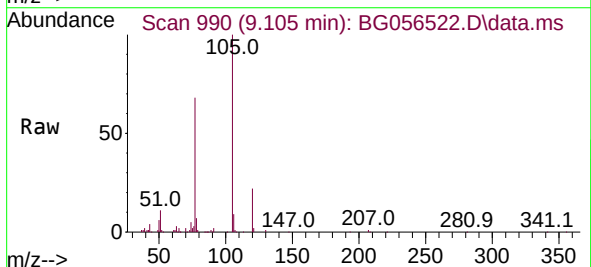
Manual Integrations
APPROVED

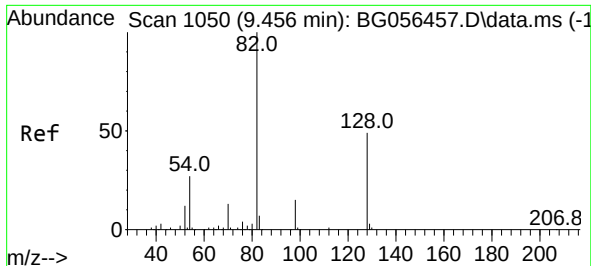
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#22
Acetophenone
Concen: 44.135 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Tgt Ion:105 Resp: 144068
Ion Ratio Lower Upper
105 100
71 0.3 0.6 0.8
51 11.4 9.2 13.8
120 22.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 69.715 ng

RT: 9.452 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

Instrument :

BNA_G

ClientSampleId :

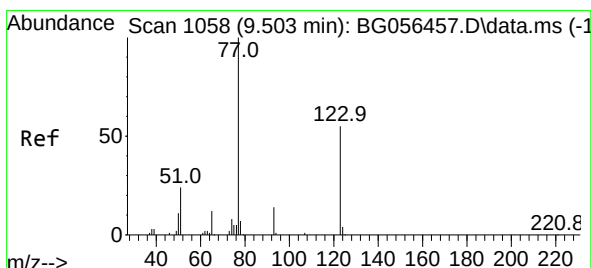
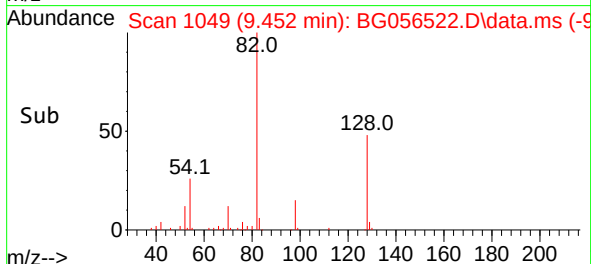
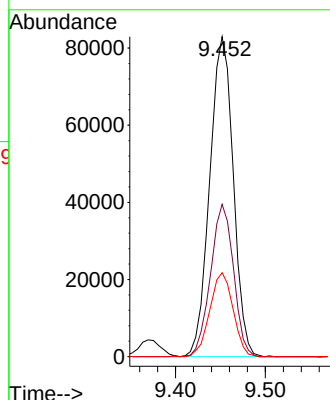
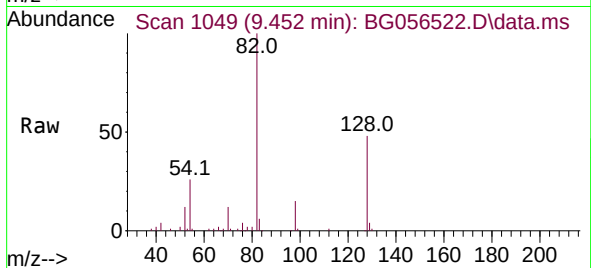
E-H5(31.5-33.5)MSD

Tgt Ion: 82 Resp: 150828

Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.4	59.2
54	26.2	21.4	32.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#24

Nitrobenzene

Concen: 44.994 ng

RT: 9.493 min Scan# 1056

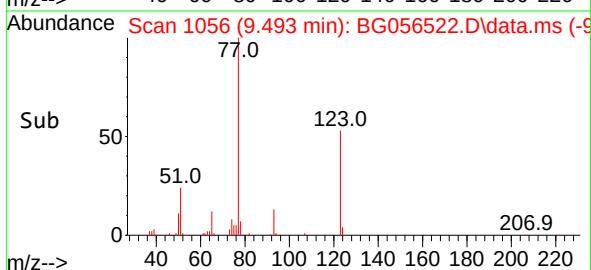
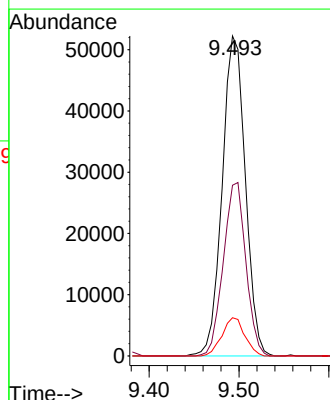
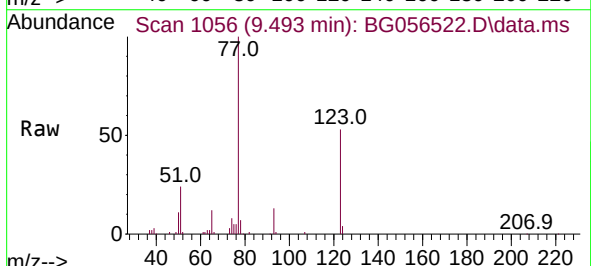
Delta R.T. -0.005 min

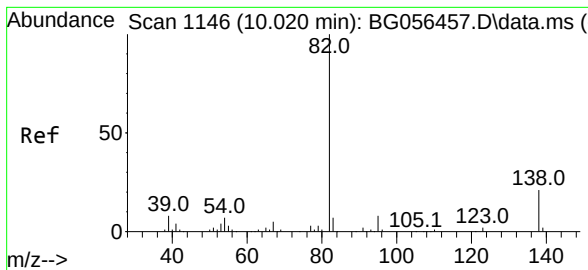
Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

Tgt Ion: 77 Resp: 93896

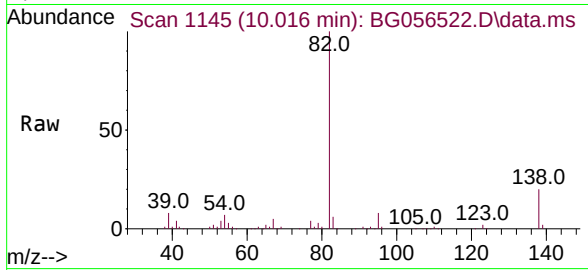
Ion	Ratio	Lower	Upper
77	100		
123	53.3	44.0	66.0
65	11.9	9.7	14.5





#25
Isophorone
Concen: 41.630 ng
RT: 10.016 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

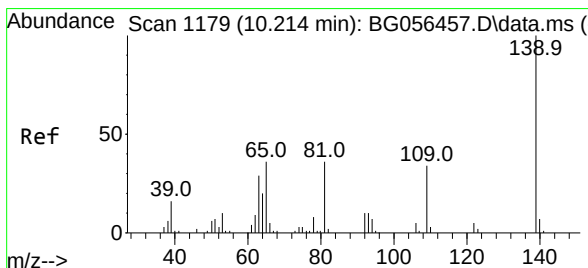
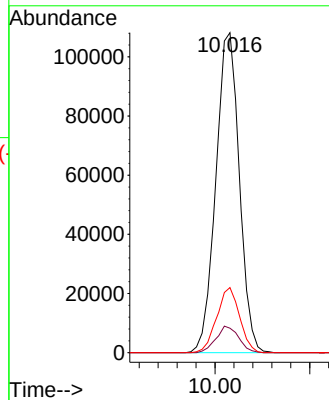
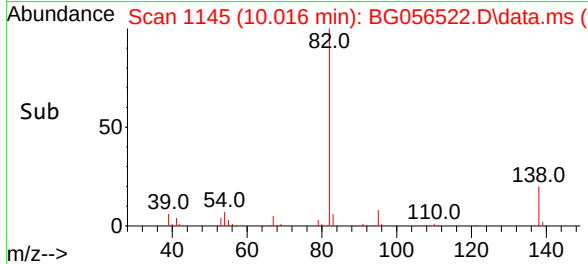
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion: 82 Resp: 18581
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 20.3 16.6 25.0

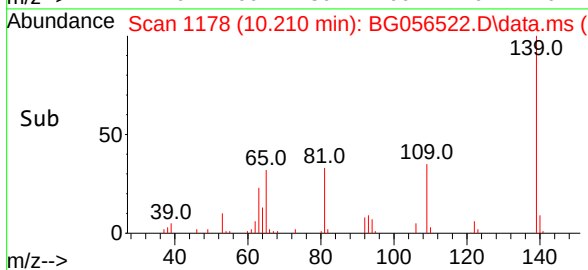
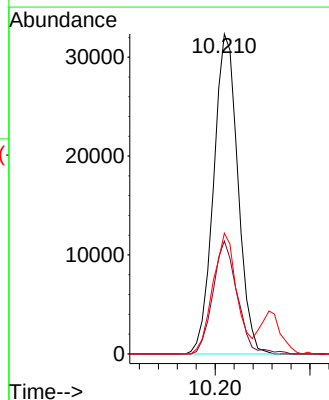
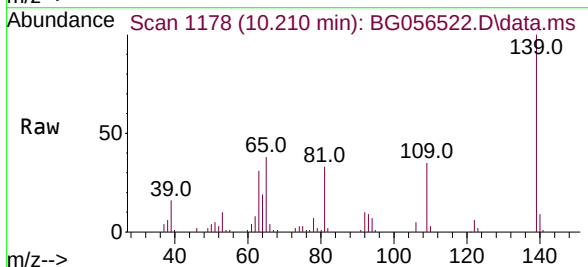
Manual Integrations
APPROVED

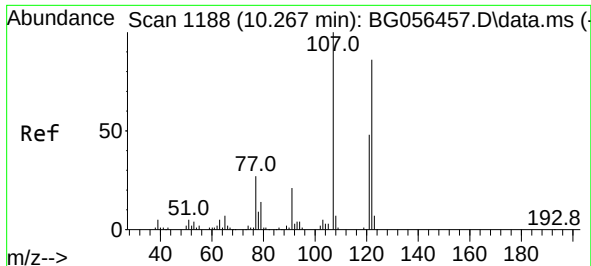
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#26
2-Nitrophenol
Concen: 45.350 ng
RT: 10.210 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

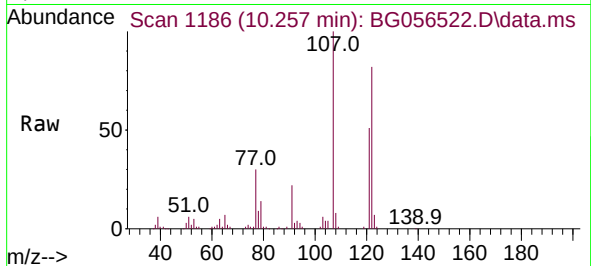
Tgt Ion:139 Resp: 57420
Ion Ratio Lower Upper
139 100
109 35.3 26.9 40.3
65 37.7 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 44.997 ng
RT: 10.257 min Scan# 1186
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

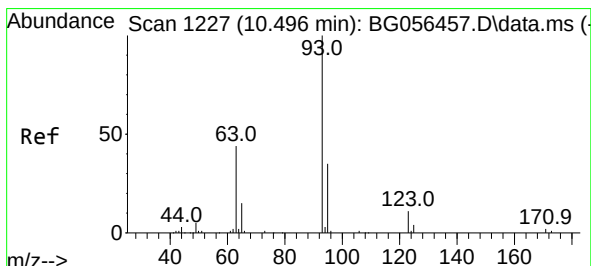
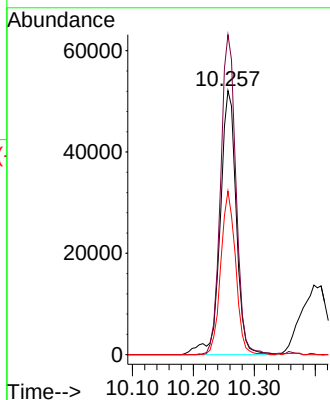
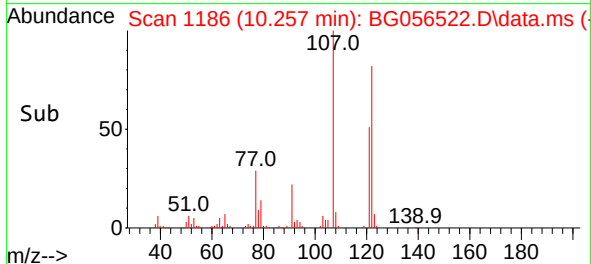
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:122 Resp: 95348
Ion Ratio Lower Upper
122 100
107 121.2 92.9 139.3
121 61.9 45.0 67.4

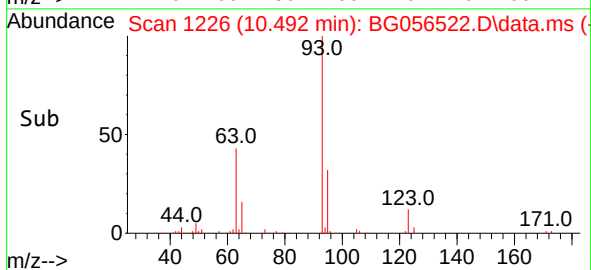
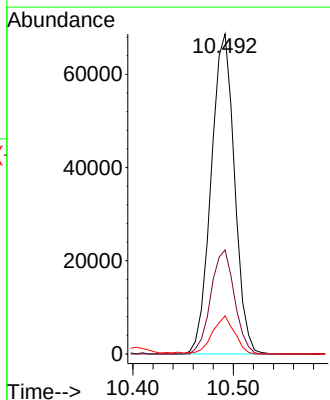
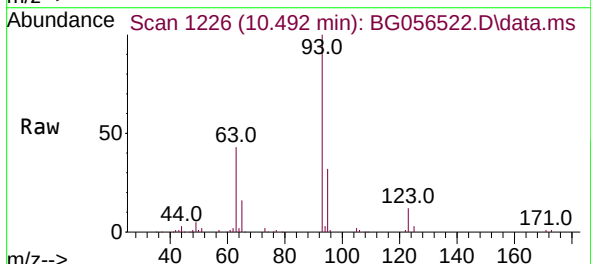
Manual Integrations
APPROVED

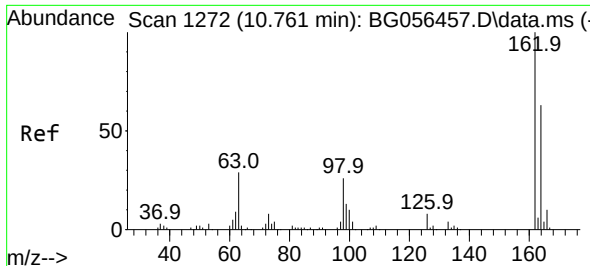
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.100 ng
RT: 10.492 min Scan# 1226
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Tgt Ion: 93 Resp: 111202
Ion Ratio Lower Upper
93 100
95 32.5 27.9 41.9
123 11.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 48.061 ng

RT: 10.750 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MSD

Tgt Ion:162 Resp: 114636

Ion Ratio Lower Upper

162 100

164 66.6 42.8 82.8

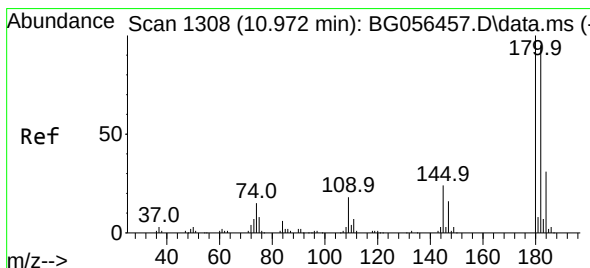
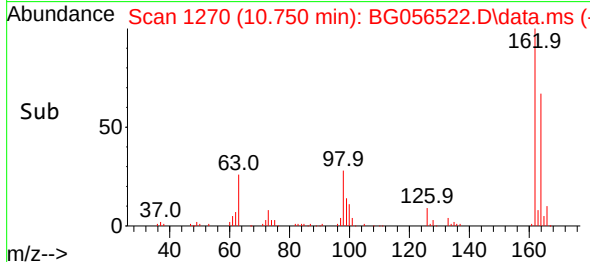
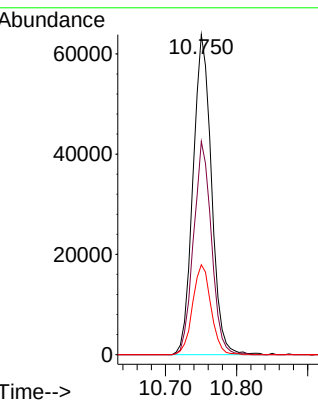
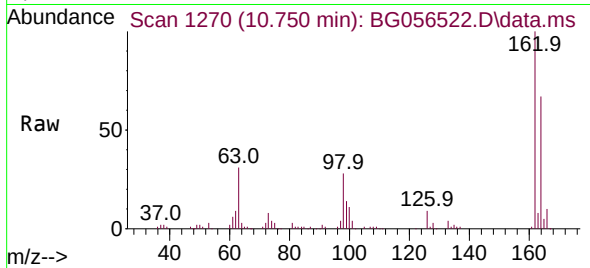
98 28.1 6.5 46.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.369 ng

RT: 10.968 min Scan# 1307

Delta R.T. 0.001 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

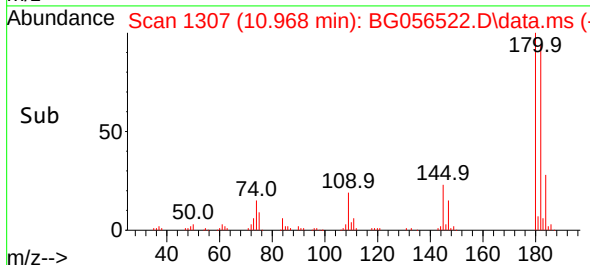
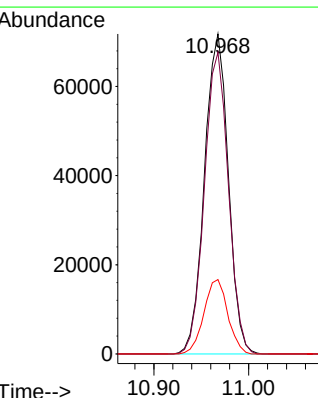
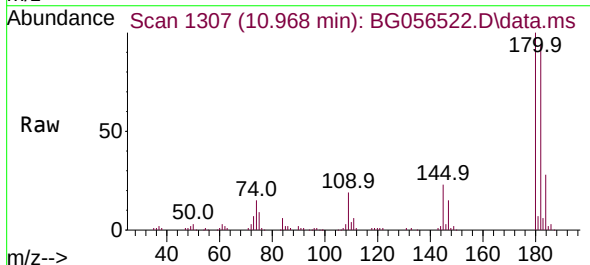
Tgt Ion:180 Resp: 125553

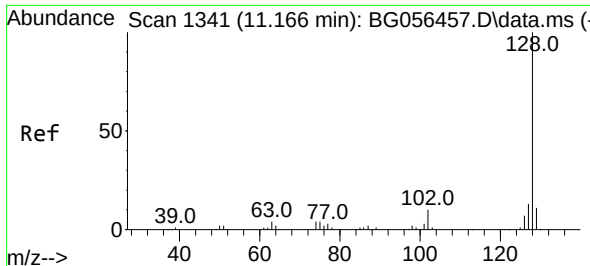
Ion Ratio Lower Upper

180 100

182 94.2 75.9 113.9

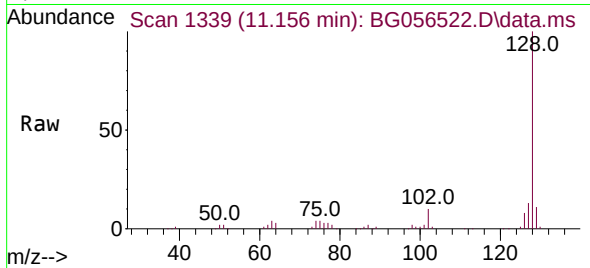
145 23.2 19.4 29.0





#31
Naphthalene
Concen: 44.781 ng
RT: 11.156 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

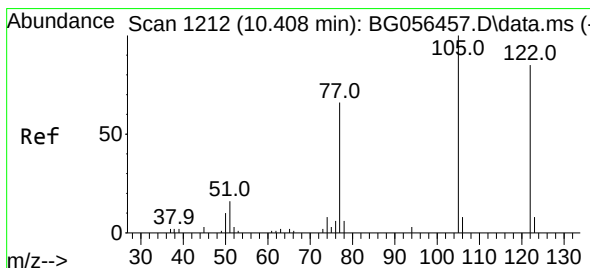
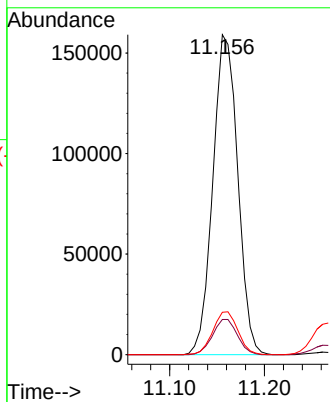
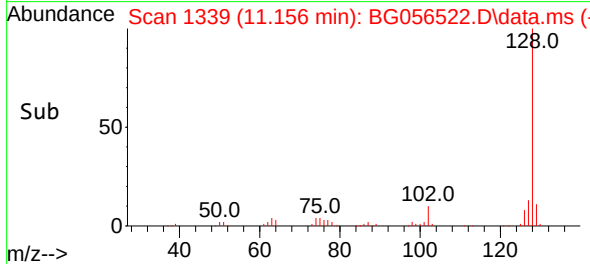
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:128 Resp: 290375
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.4 15.6

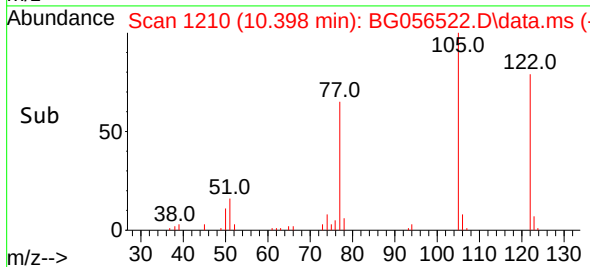
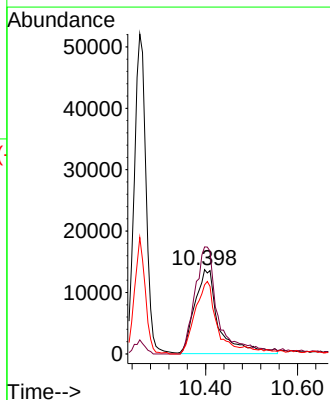
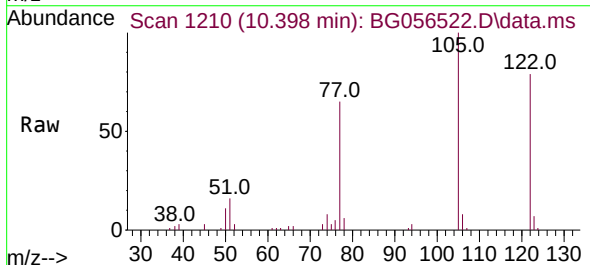
Manual Integrations
APPROVED

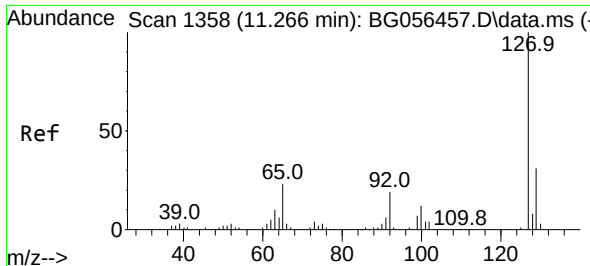
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#32
Benzoic acid
Concen: 42.060 ng m
RT: 10.398 min Scan# 1210
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

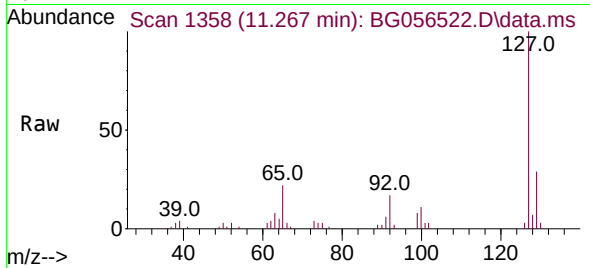
Tgt Ion:122 Resp: 49864
Ion Ratio Lower Upper
122 100
105 126.9 96.5 136.5
77 81.9 57.3 97.3





#33
4-Chloroaniline
Concen: 10.899 ng
RT: 11.267 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

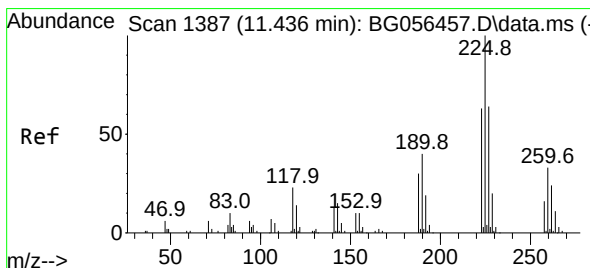
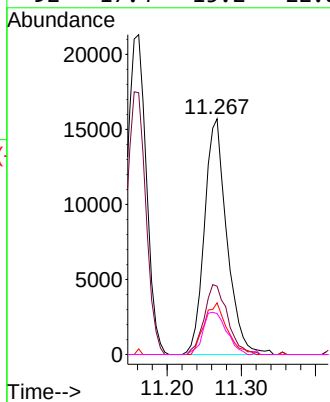
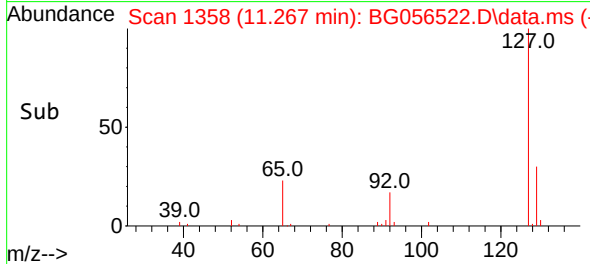
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



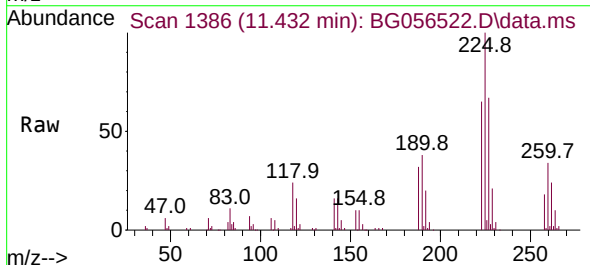
Tgt Ion:	127	Resp:	32989
Ion Ratio	Lower	Upper	
127	100		
129	29.0	25.0	37.6
65	22.0	18.5	27.7
92	17.4	15.2	22.8

Manual Integrations
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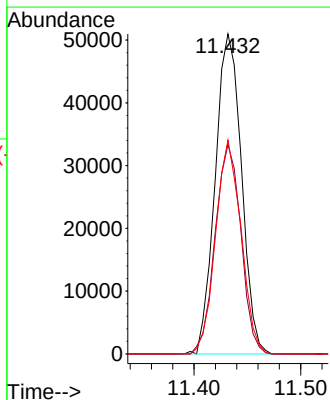
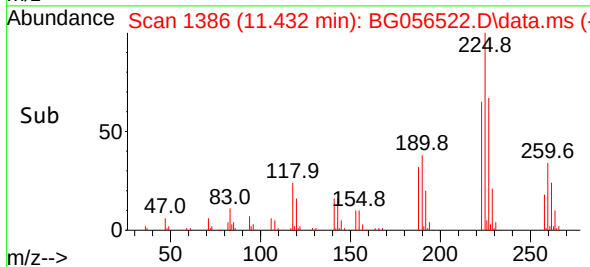
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

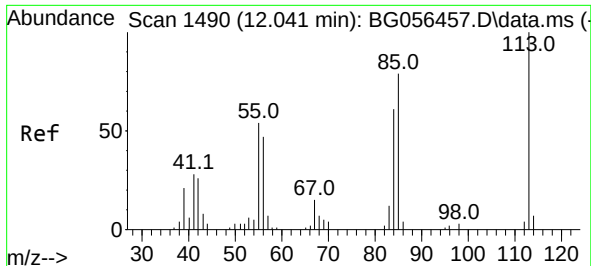


#34
Hexachlorobutadiene
Concen: 46.903 ng
RT: 11.432 min Scan# 1386
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



Tgt Ion:	225	Resp:	87264
Ion Ratio	Lower	Upper	
225	100		
223	65.4	50.6	75.8
227	66.8	53.7	80.5





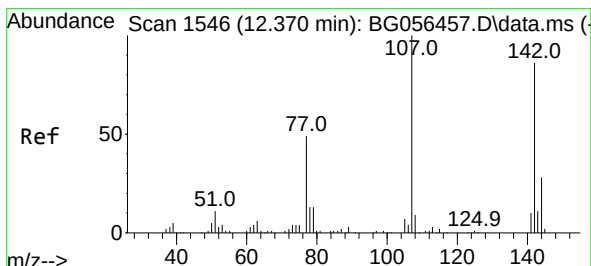
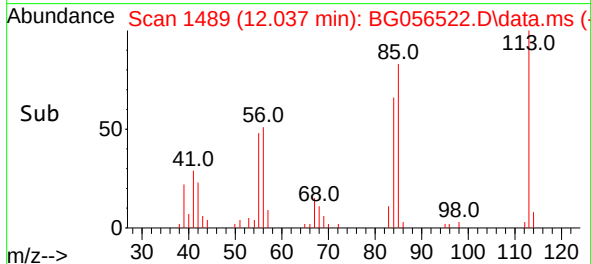
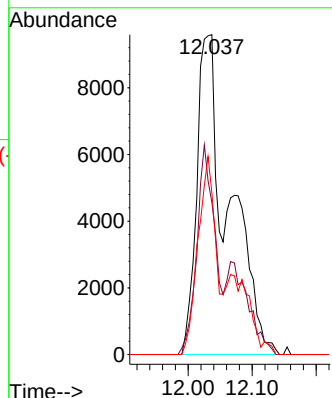
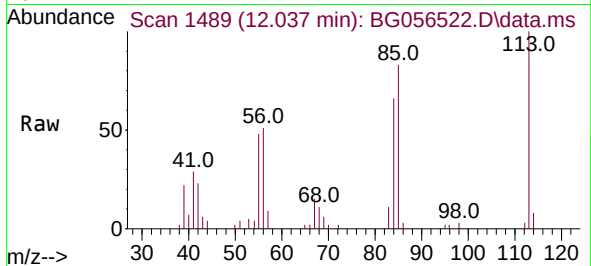
#35
Caprolactam
Concen: 41.186 ng m
RT: 12.037 min Scan# 1490
Delta R.T. 0.007 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD

Tgt Ion:113 Resp: 3313
Ion Ratio Lower Upper
113 100
55 47.6 33.7 73.7
56 50.6 27.1 67.1

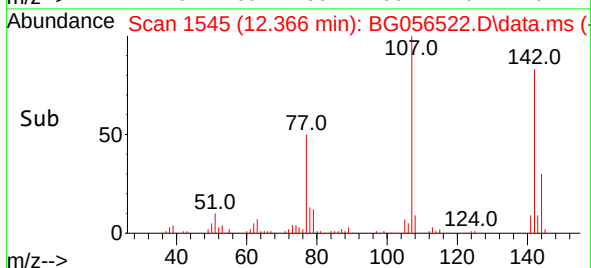
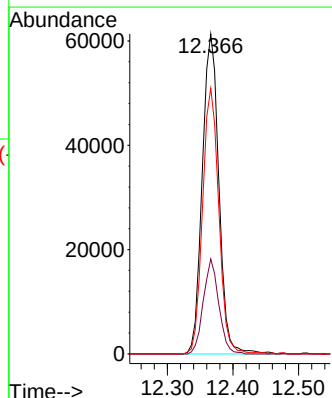
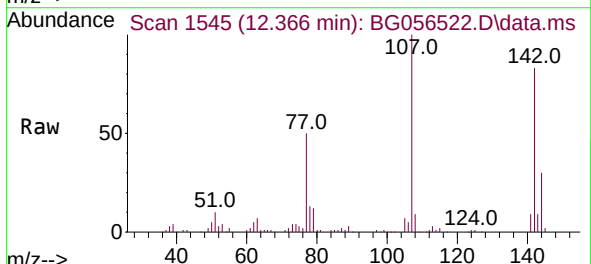
Manual Integrations
APPROVED

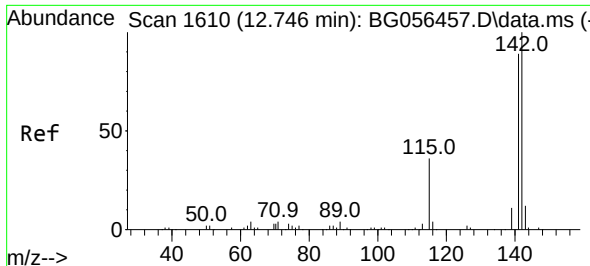
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#36
4-Chloro-3-methylphenol
Concen: 46.553 ng
RT: 12.366 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Tgt Ion:107 Resp: 107233
Ion Ratio Lower Upper
107 100
144 29.7 22.3 33.5
142 83.0 68.9 103.3





#37

2-Methylnaphthalene

Concen: 41.852 ng

RT: 12.742 min Scan# 1609

Delta R.T. -0.005 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MSD

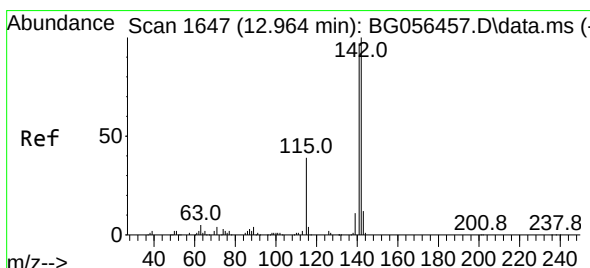
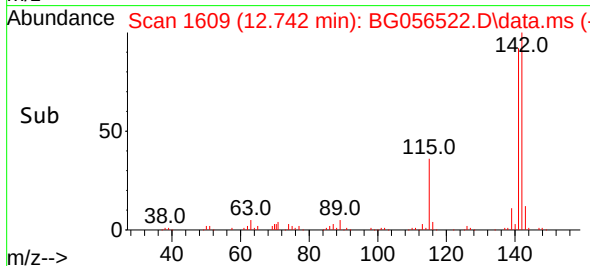
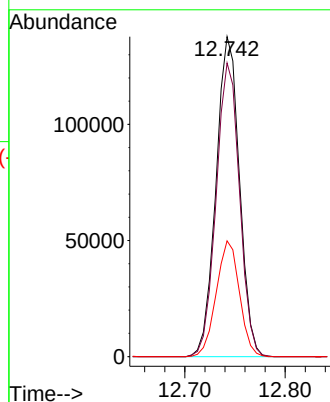
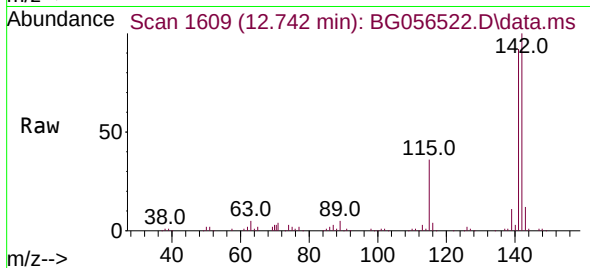
Tgt Ion:142 Resp: 223732

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.4	107.0
115	36.2	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#38

1-Methylnaphthalene

Concen: 42.078 ng

RT: 12.959 min Scan# 1646

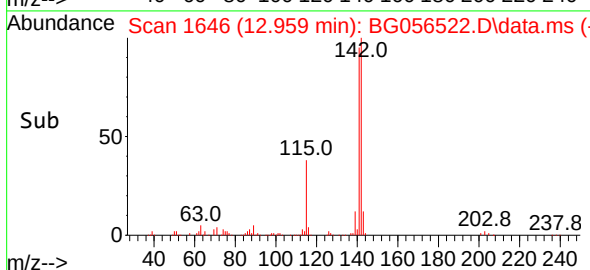
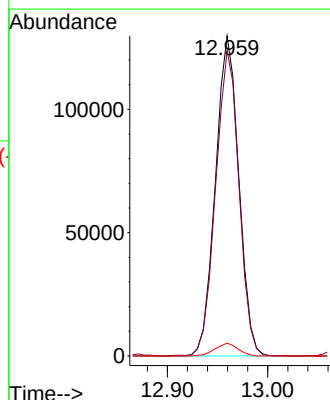
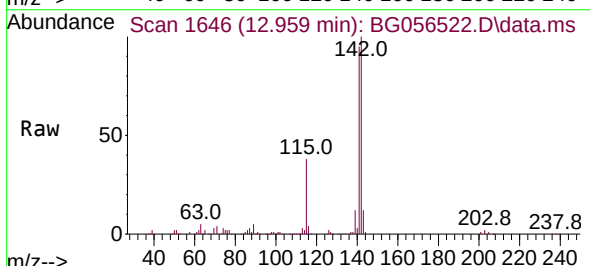
Delta R.T. -0.005 min

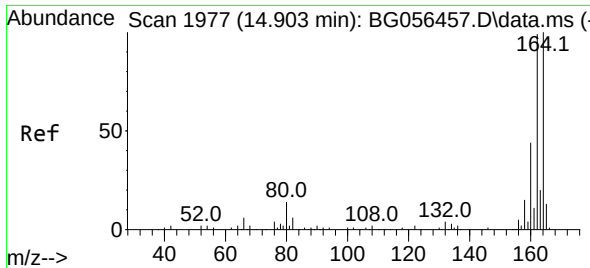
Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

Tgt Ion:142 Resp: 210077

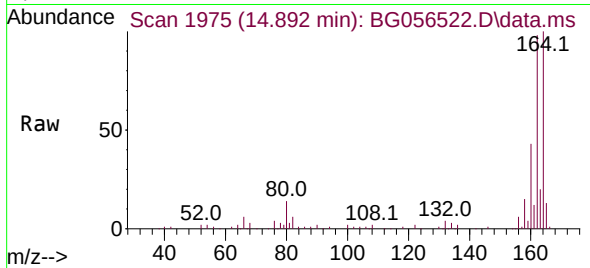
Ion	Ratio	Lower	Upper
142	100		
141	95.4	77.7	116.5
116	4.0	3.4	5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

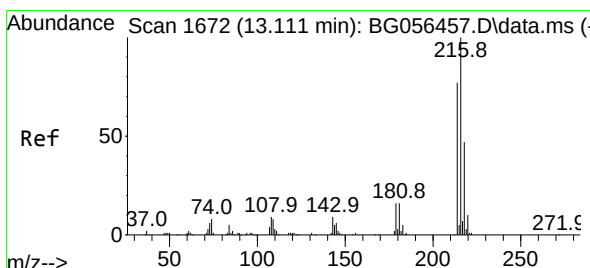
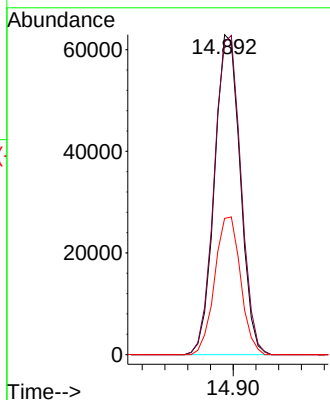
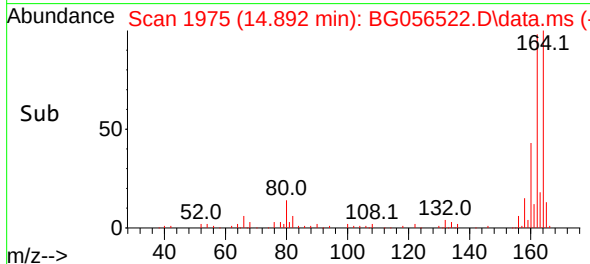
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



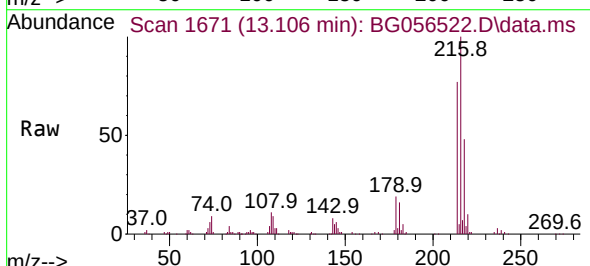
Tgt Ion:164 Resp: 98652
Ion Ratio Lower Upper
164 100
162 97.7 79.6 119.4
160 42.6 34.9 52.3

Manual Integrations
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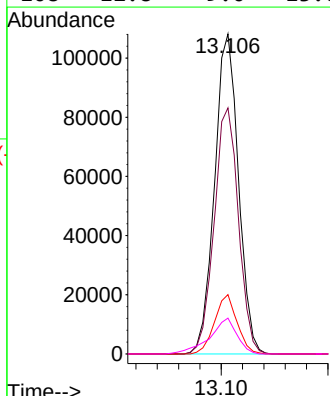
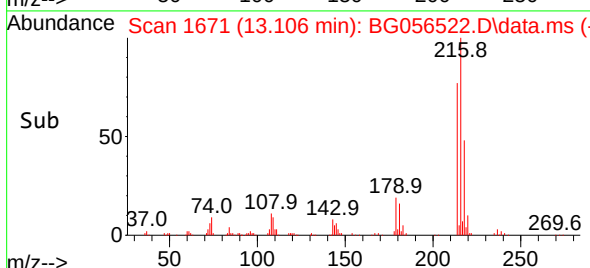
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

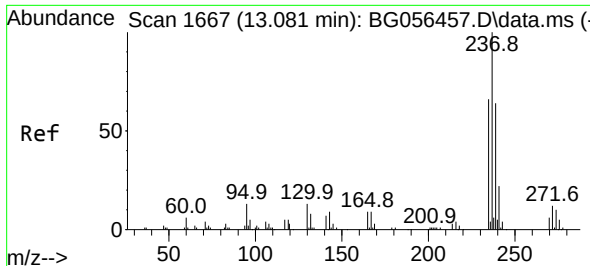


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.595 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



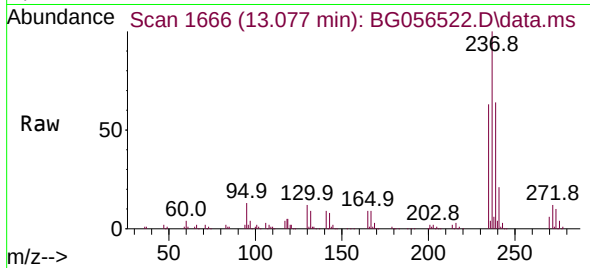
Tgt Ion:216 Resp: 167943
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.6
179 17.5 14.1 21.1
108 12.8 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 88.755 ng
RT: 13.077 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

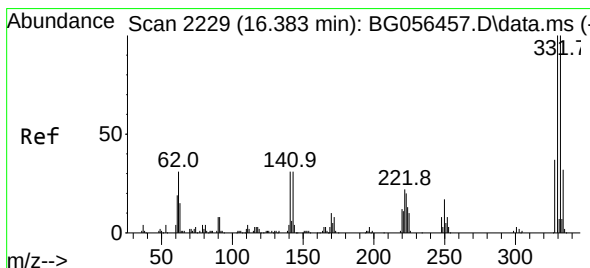
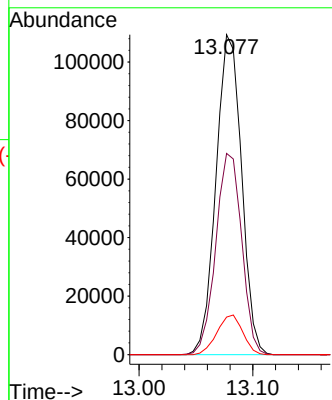
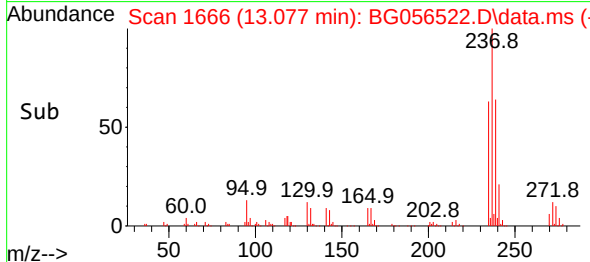
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



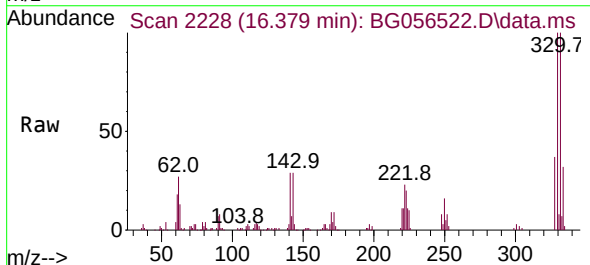
Tgt Ion:237 Resp: 171027
Ion Ratio Lower Upper
237 100
235 62.9 45.6 85.6
272 11.7 0.0 32.3

Manual Integrations
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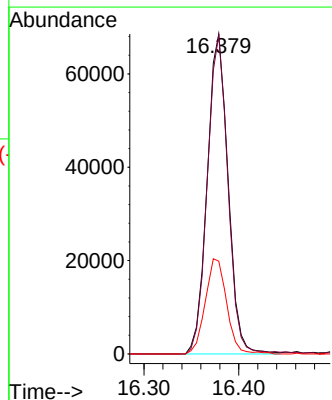
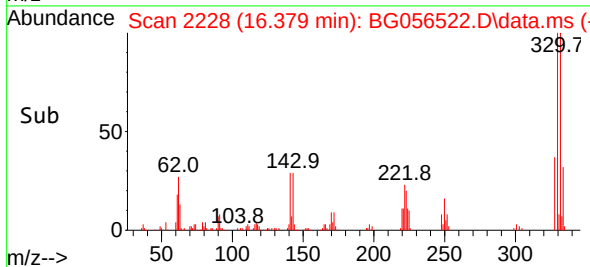
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

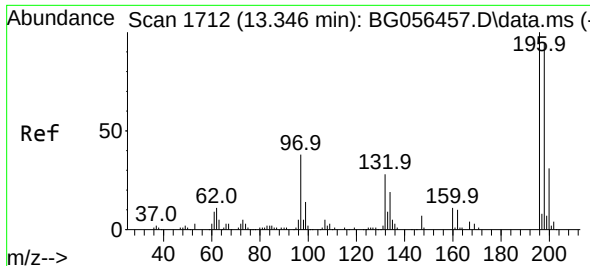


#42
2,4,6-Tribromophenol
Concen: 80.105 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



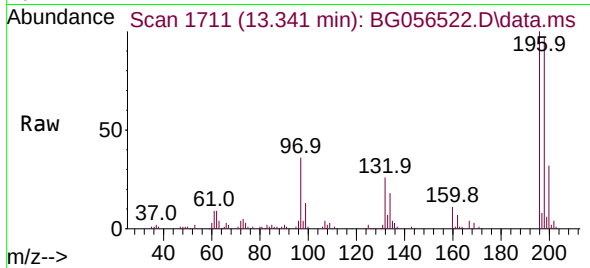
Tgt Ion:330 Resp: 105064
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.6
141 30.5 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 46.810 ng
RT: 13.341 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

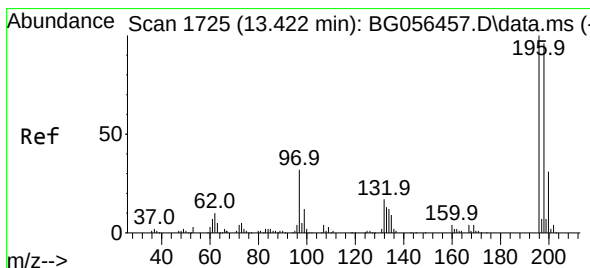
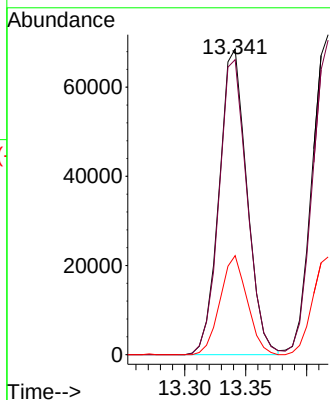
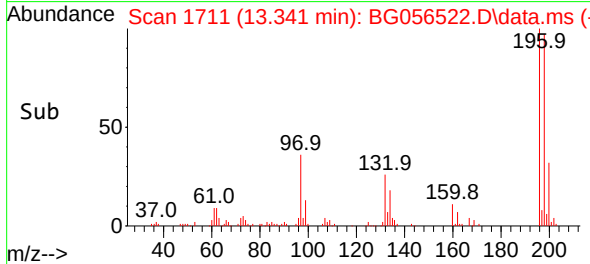
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



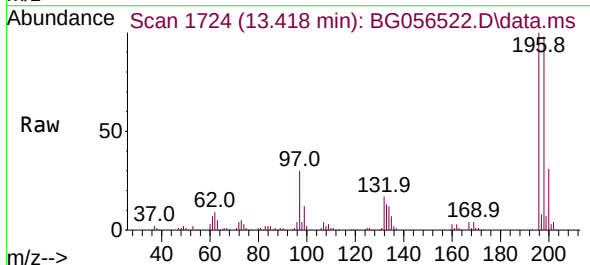
Tgt Ion:196 Resp: 108724
Ion Ratio Lower Upper
196 100
198 96.5 75.4 113.0
200 32.4 25.0 37.6

Manual Integrations
APPROVED

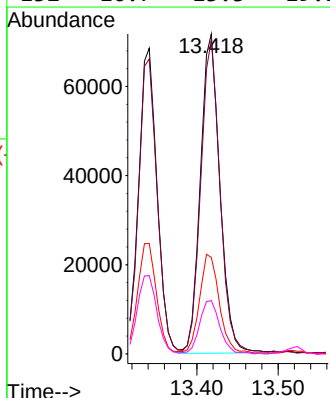
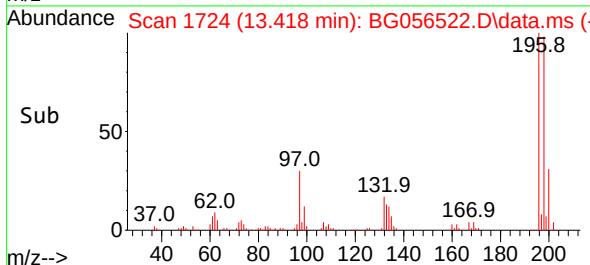
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

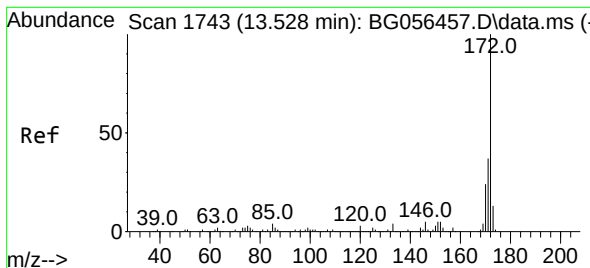


#44
2,4,5-Trichlorophenol
Concen: 43.994 ng
RT: 13.418 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



Tgt Ion:196 Resp: 119640
Ion Ratio Lower Upper
196 100
198 98.3 76.9 115.3
97 30.1 25.8 38.6
132 16.7 13.3 19.9





#45

2-Fluorobiphenyl

Concen: 70.893 ng

RT: 13.518 min Scan# 1741

Delta R.T. -0.005 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MSD

Tgt Ion:172 Resp: 504466

Ion Ratio Lower Upper

172 100

171 35.1 29.5 44.3

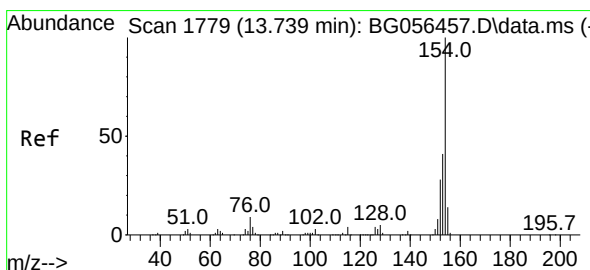
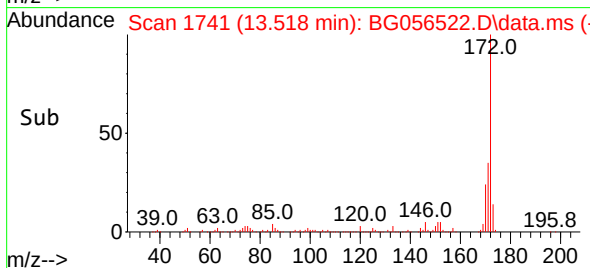
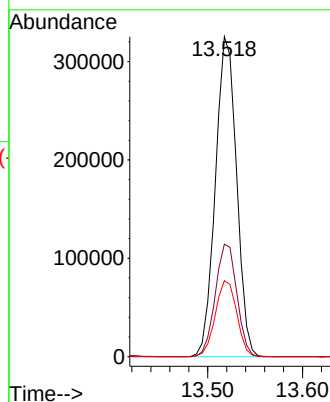
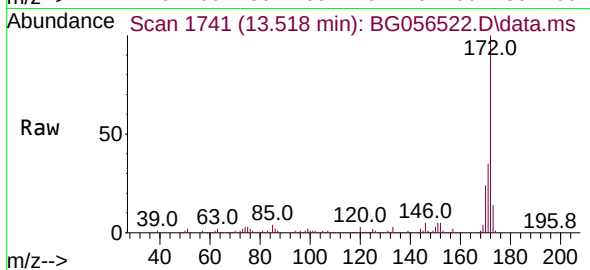
170 23.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#46

1,1'-Biphenyl

Concen: 45.994 ng

RT: 13.729 min Scan# 1777

Delta R.T. -0.005 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

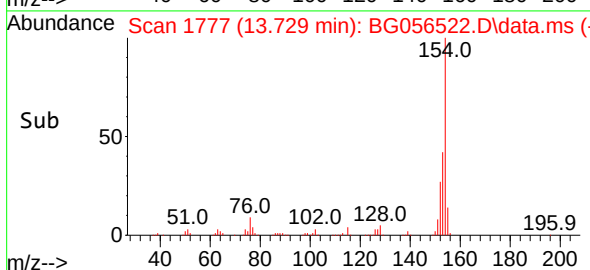
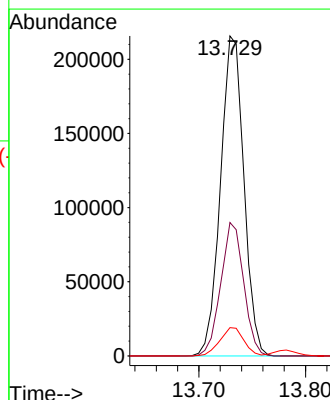
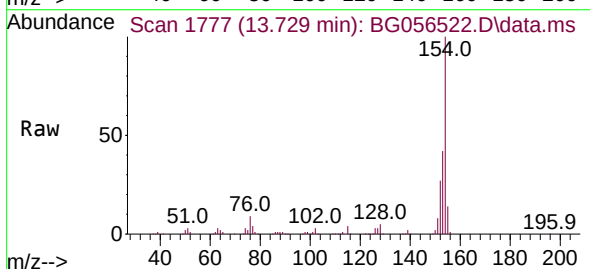
Tgt Ion:154 Resp: 329125

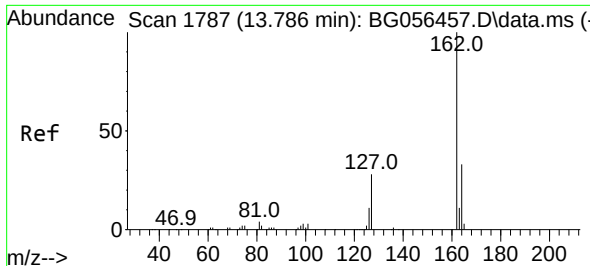
Ion Ratio Lower Upper

154 100

153 41.7 21.5 61.5

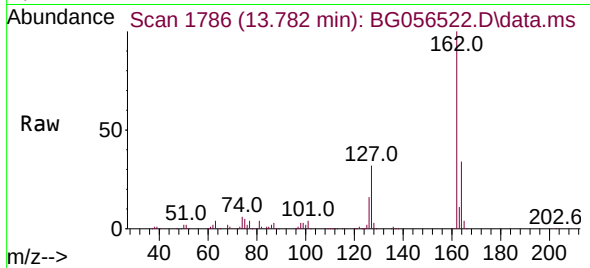
76 8.8 0.0 28.8





#47
2-Chloronaphthalene
Concen: 46.971 ng
RT: 13.782 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

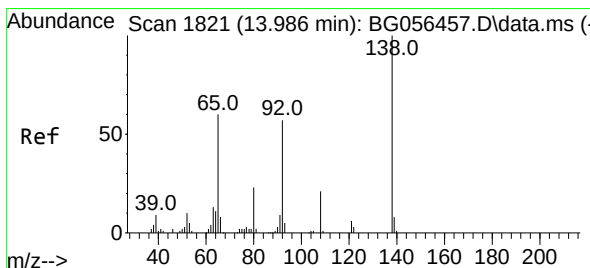
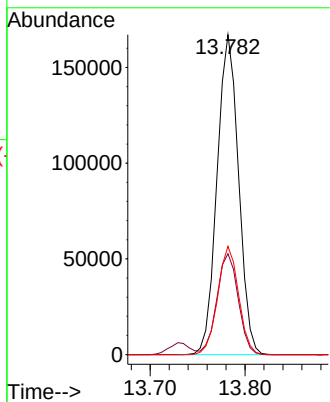
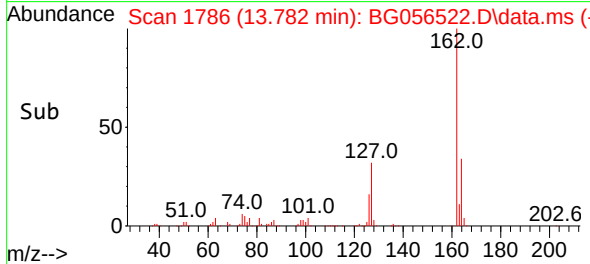
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:162 Resp: 262723
Ion Ratio Lower Upper
162 100
127 31.5 25.2 37.8
164 33.8 26.2 39.2

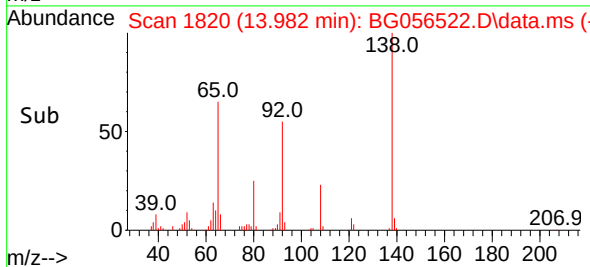
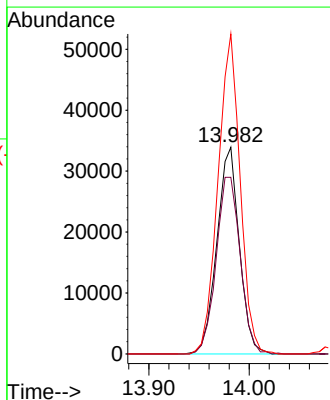
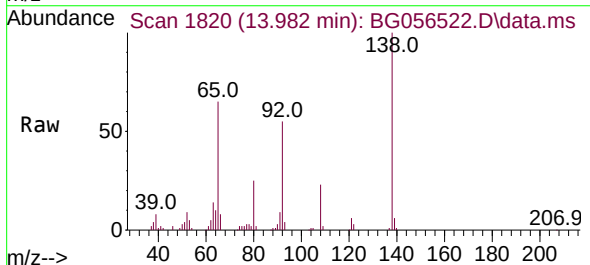
Manual Integrations
APPROVED

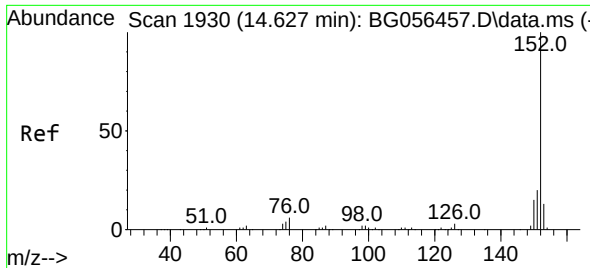
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#48
2-Nitroaniline
Concen: 45.525 ng
RT: 13.982 min Scan# 1820
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

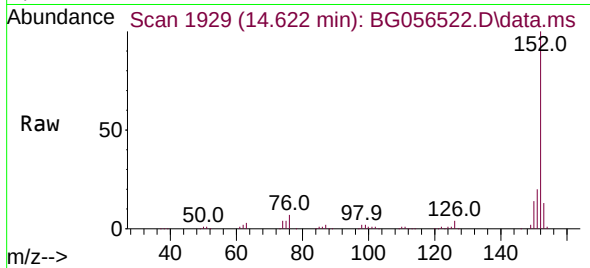
Tgt Ion: 65 Resp: 52638
Ion Ratio Lower Upper
65 100
92 85.4 75.8 113.6
138 154.9 133.2 199.8





#49
Acenaphthylene
Concen: 44.565 ng
RT: 14.622 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

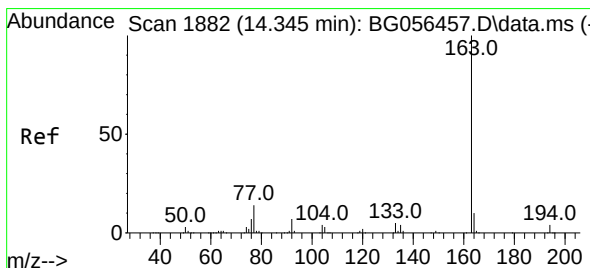
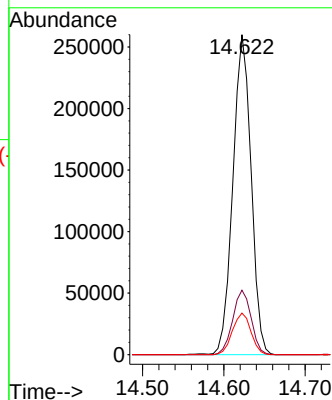
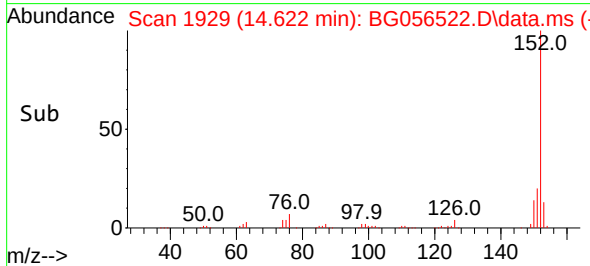
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



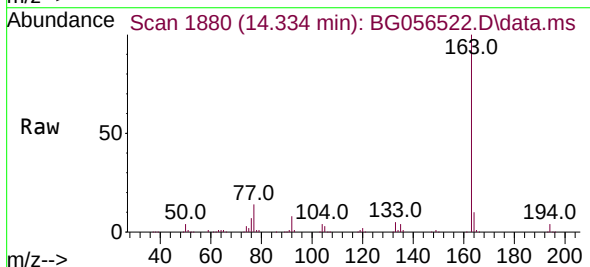
Tgt Ion:152 Resp: 405544
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.0 10.5 15.7

Manual Integrations
APPROVED

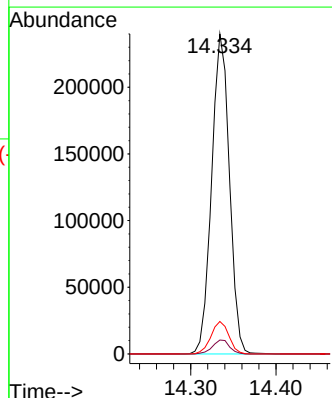
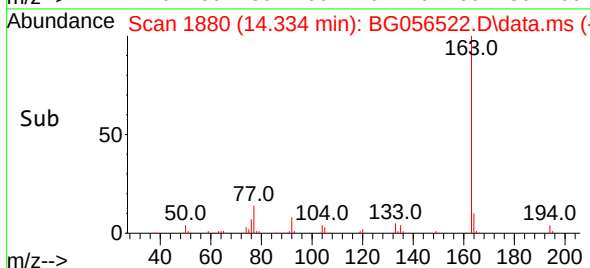
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

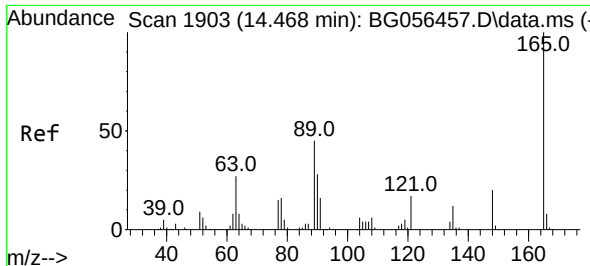


#50
Dimethylphthalate
Concen: 43.498 ng
RT: 14.334 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



Tgt Ion:163 Resp: 347185
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.1 8.1 12.1





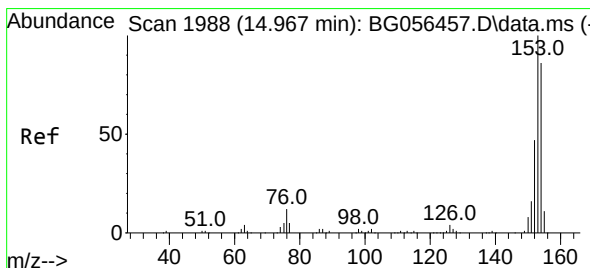
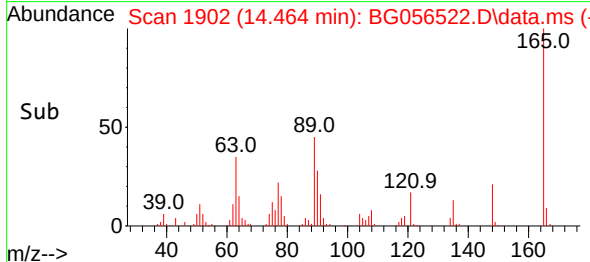
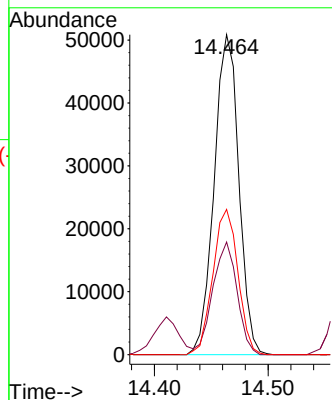
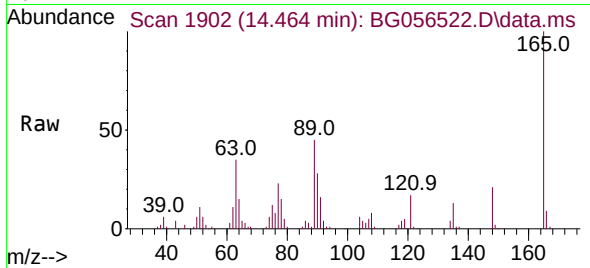
#51
2,6-Dinitrotoluene
Concen: 44.000 ng
RT: 14.464 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD

Tgt Ion:165 Resp: 76587
Ion Ratio Lower Upper
165 100
63 35.2 26.9 40.3
89 45.4 35.6 53.4

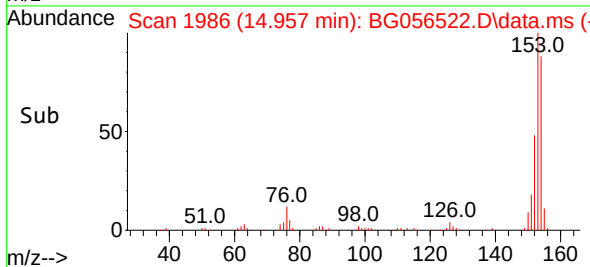
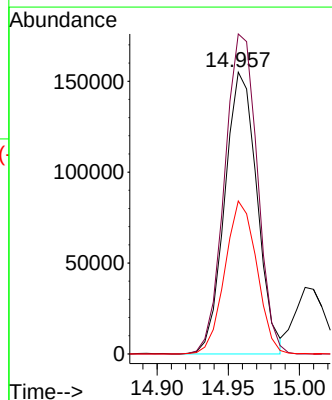
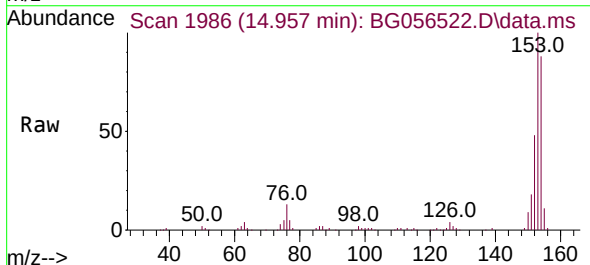
Manual Integrations
APPROVED

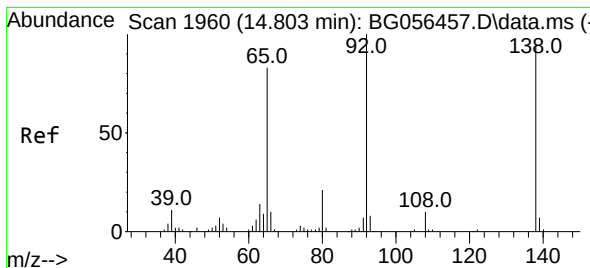
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#52
Acenaphthene
Concen: 45.411 ng
RT: 14.957 min Scan# 1986
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

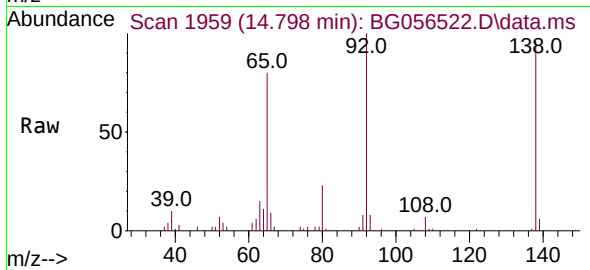
Tgt Ion:154 Resp: 245059
Ion Ratio Lower Upper
154 100
153 113.6 93.4 140.0
152 54.3 43.4 65.2





#53
3-Nitroaniline
Concen: 15.539 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

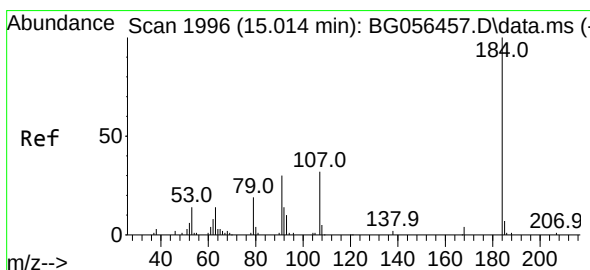
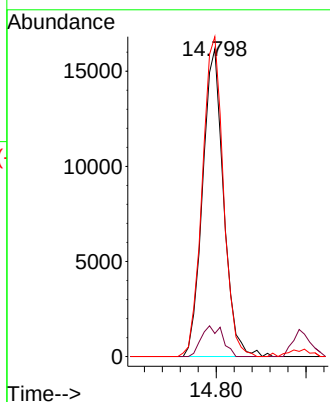
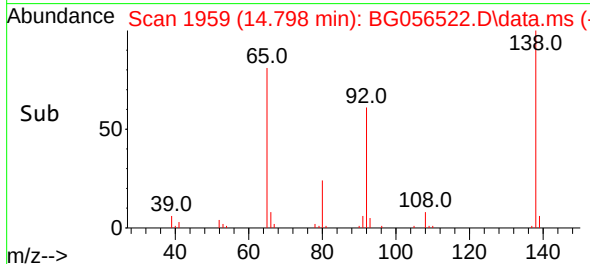
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



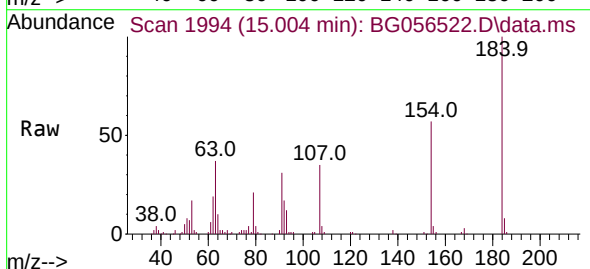
Tgt Ion:138 Resp: 2622
Ion Ratio Lower Upper
138 100
108 7.5 8.0 12.0
92 104.0 84.1 126.1

Manual Integrations
APPROVED

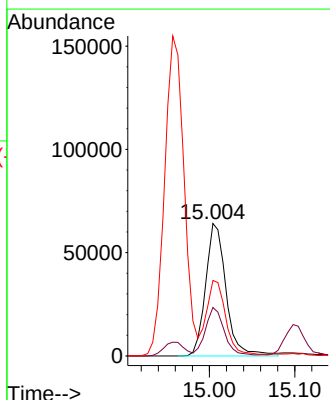
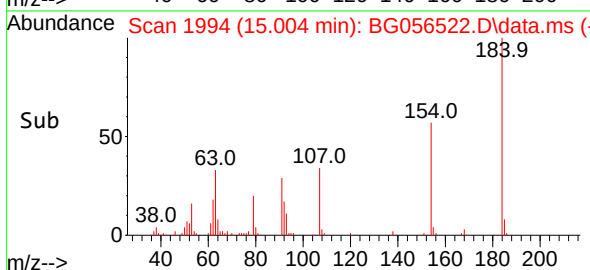
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

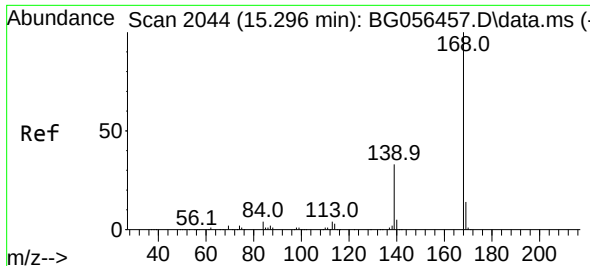


#54
2,4-Dinitrophenol
Concen: 97.970 ng
RT: 15.004 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



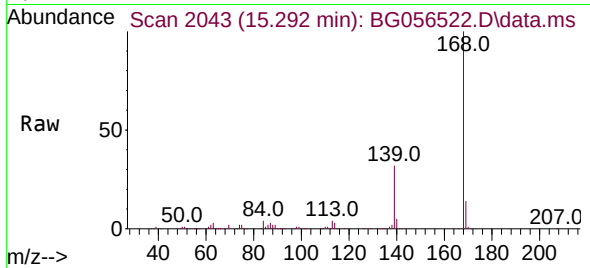
Tgt Ion:184 Resp: 106907
Ion Ratio Lower Upper
184 100
63 36.6 25.1 37.7
154 57.1 44.8 67.2





#55
Dibenzofuran
Concen: 44.341 ng
RT: 15.292 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

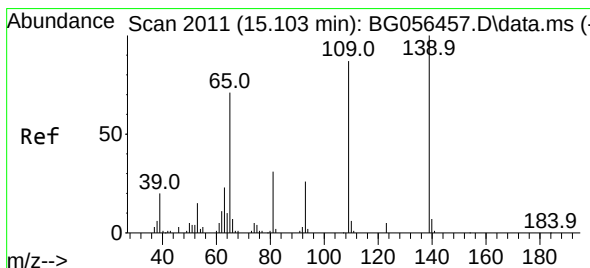
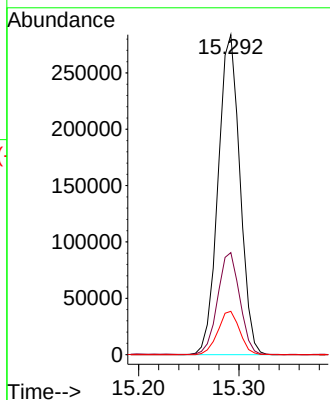
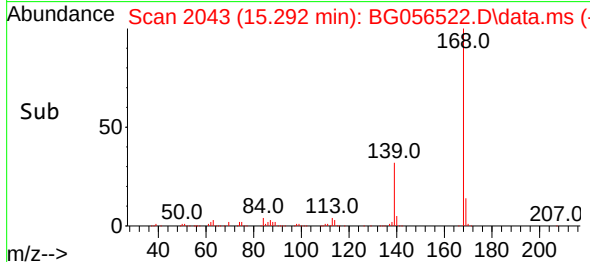
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



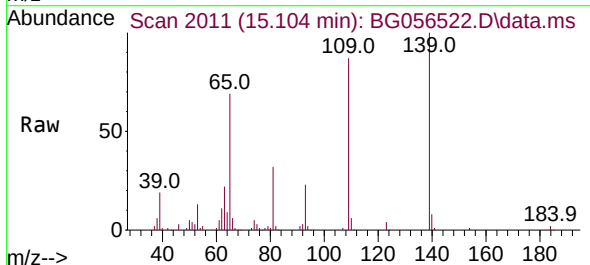
Tgt Ion:168 Resp: 429131
Ion Ratio Lower Upper
168 100
139 31.9 26.2 39.2
169 13.6 11.0 16.6

Manual Integrations
APPROVED

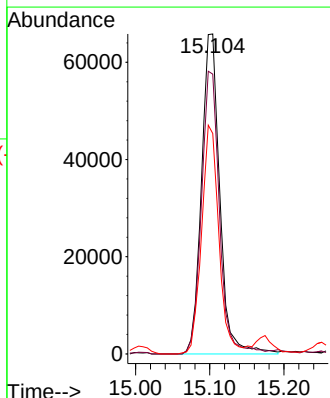
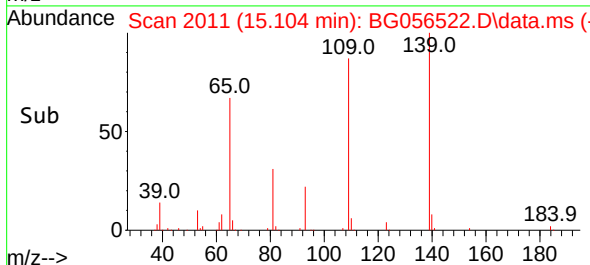
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

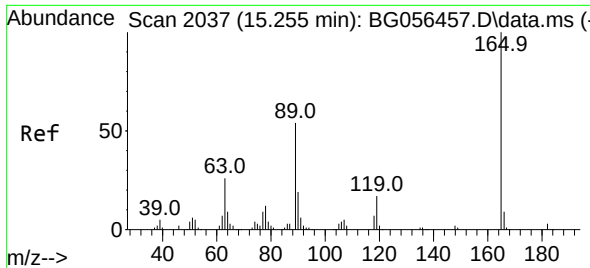


#56
4-Nitrophenol
Concen: 97.696 ng
RT: 15.104 min Scan# 2011
Delta R.T. 0.007 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



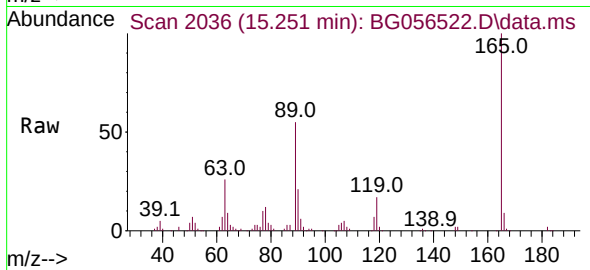
Tgt Ion:139 Resp: 112648
Ion Ratio Lower Upper
139 100
109 87.4 67.5 107.5
65 68.9 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 44.348 ng
RT: 15.251 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

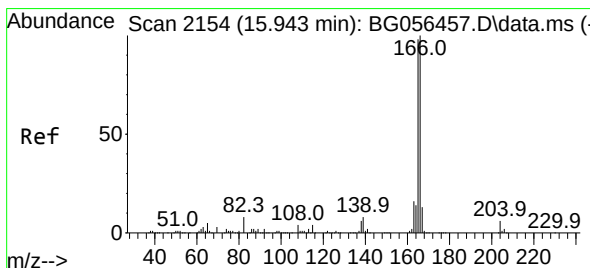
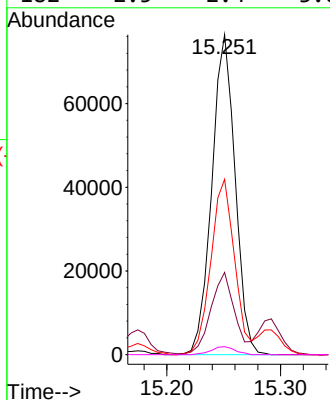
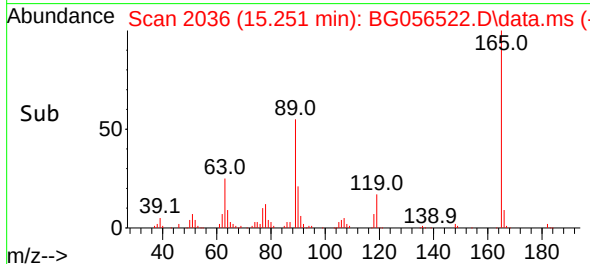
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



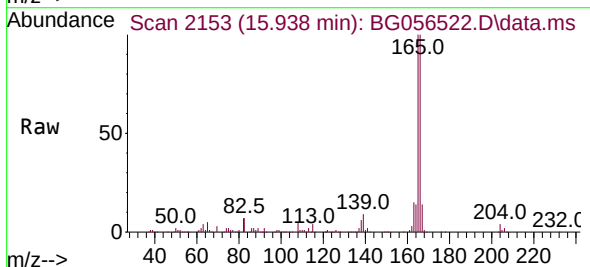
Tgt Ion:165 Resp: 108732
Ion Ratio Lower Upper
165 100
63 25.7 20.6 31.0
89 54.8 43.1 64.7
182 2.5 2.4 3.6

Manual Integrations
APPROVED

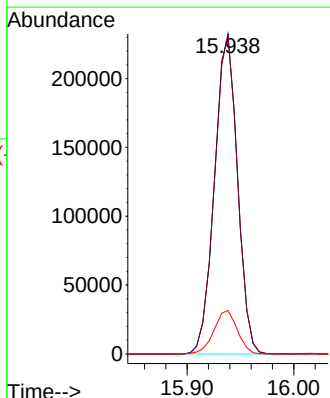
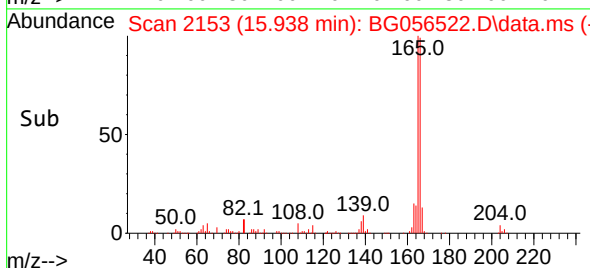
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

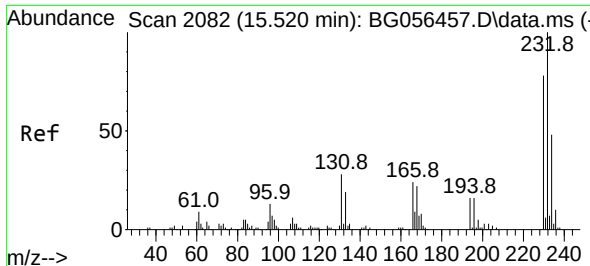


#58
Fluorene
Concen: 45.088 ng
RT: 15.938 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



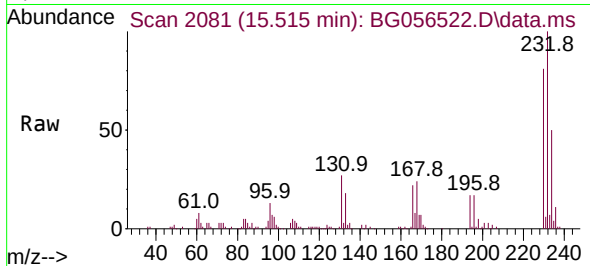
Tgt Ion:166 Resp: 347215
Ion Ratio Lower Upper
166 100
165 100.5 78.8 118.2
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.215 ng
RT: 15.515 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

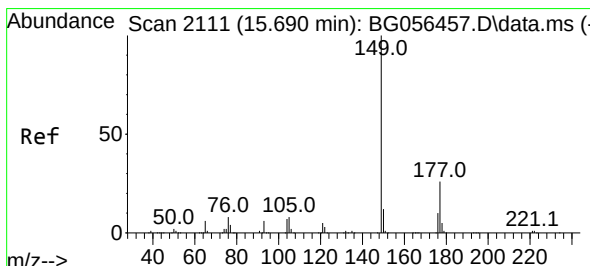
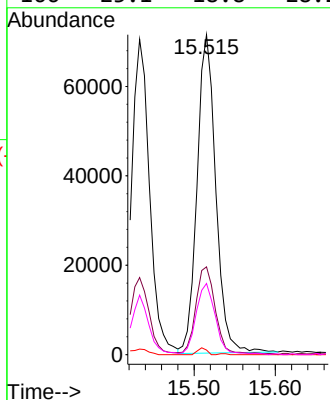
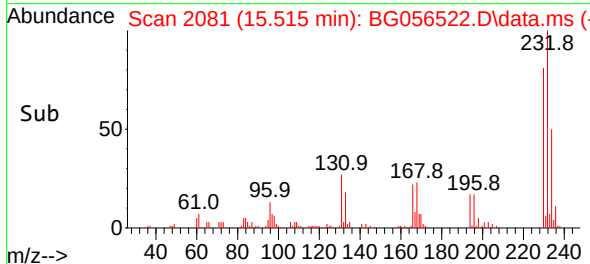
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:232 Resp: 114163
Ion Ratio Lower Upper
232 100
131 29.2 22.8 34.2
130 1.0 1.4 2.0
166 23.1 18.8 28.2

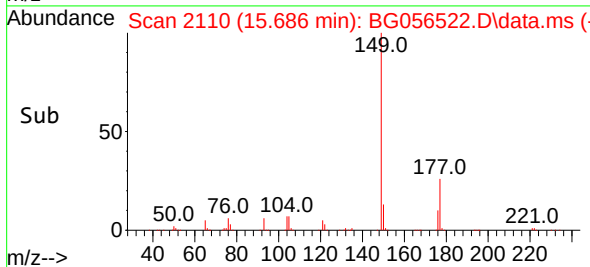
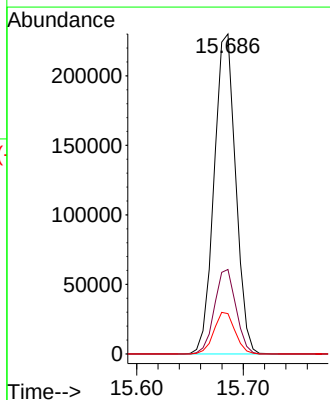
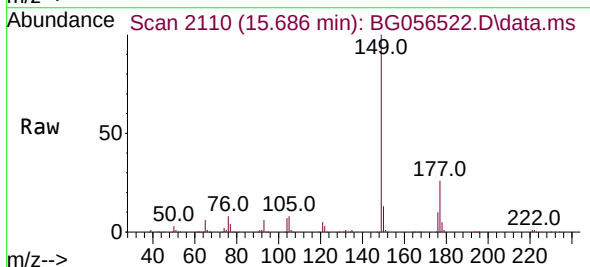
Manual Integrations
APPROVED

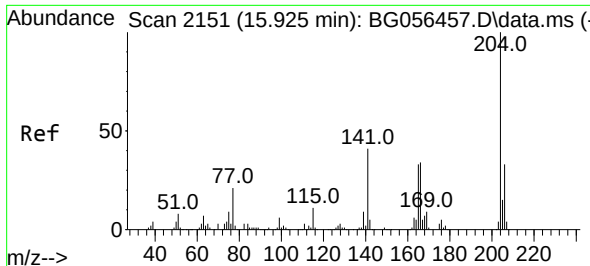
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#60
Diethylphthalate
Concen: 43.227 ng
RT: 15.686 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

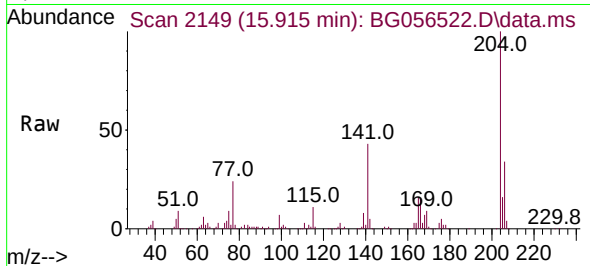
Tgt Ion:149 Resp: 323983
Ion Ratio Lower Upper
149 100
177 26.4 21.0 31.4
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.136 ng
RT: 15.915 min Scan# 2151
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

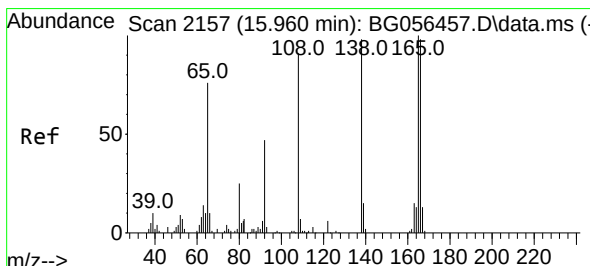
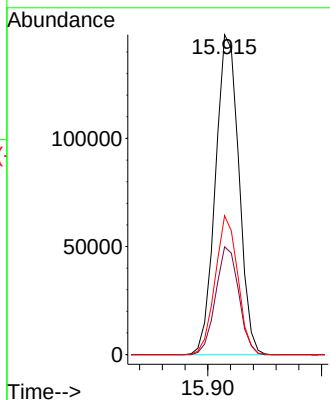
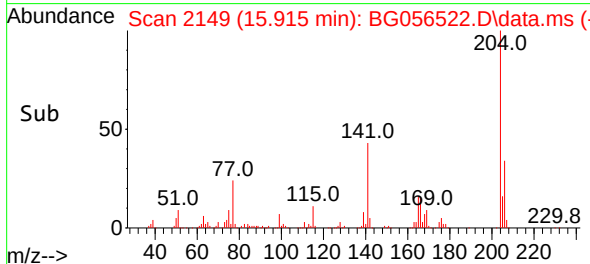
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:204 Resp: 212096
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.4
141 43.4 32.7 49.1

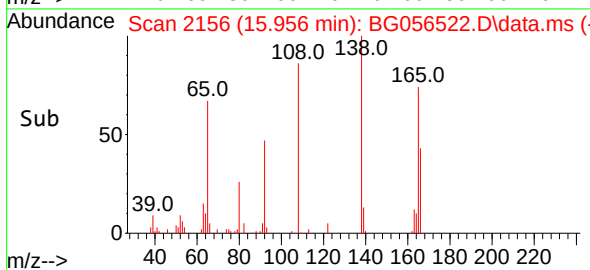
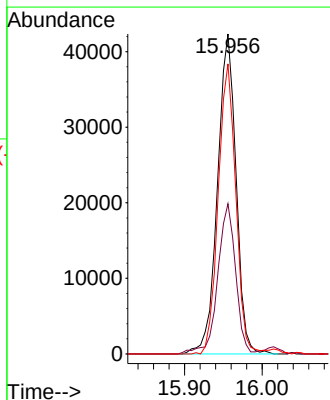
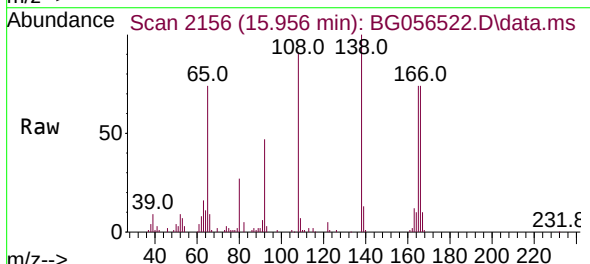
Manual Integrations
APPROVED

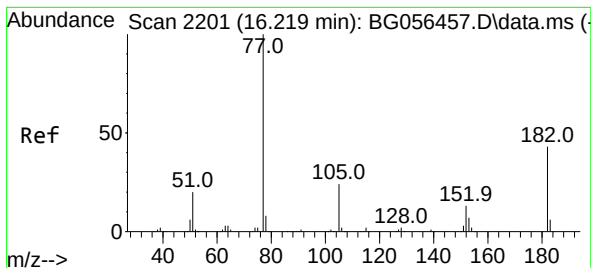
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#62
4-Nitroaniline
Concen: 41.729 ng
RT: 15.956 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

Tgt Ion:138 Resp: 70461
Ion Ratio Lower Upper
138 100
92 46.9 27.8 67.8
108 90.6 72.6 112.6





#63

Azobenzene

Concen: 46.337 ng

RT: 16.209 min Scan# 2199

Delta R.T. -0.005 min

Lab File: BG056522.D

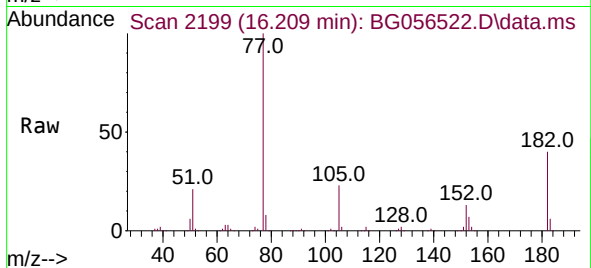
Acq: 2 Feb 2023 20:15

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)MSD



Tgt Ion: 77 Resp: 238962

Ion Ratio Lower Upper

77 100

182 40.4 23.1 63.1

105 22.5 4.2 44.2

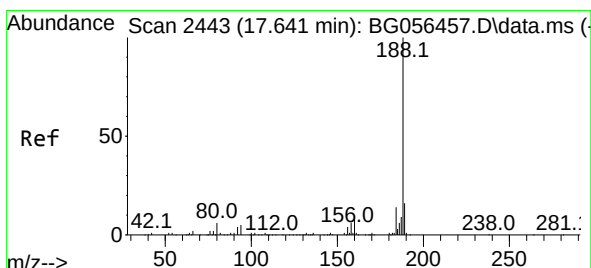
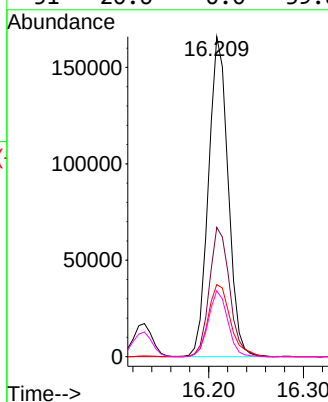
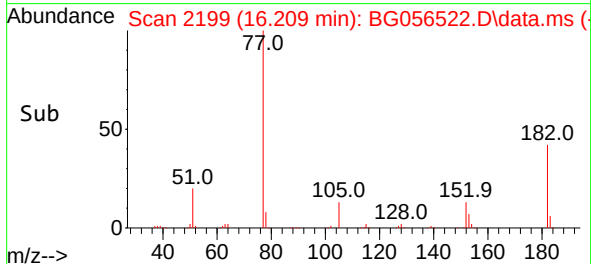
51 20.6 0.0 39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BG056522.D

Acq: 2 Feb 2023 20:15

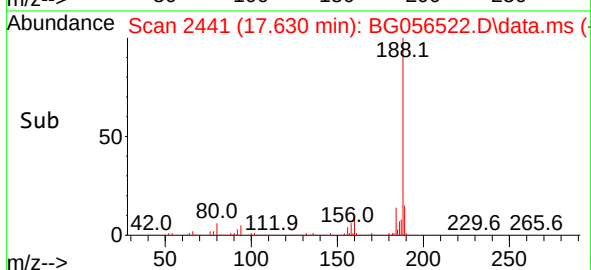
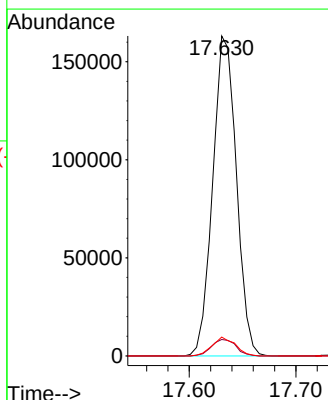
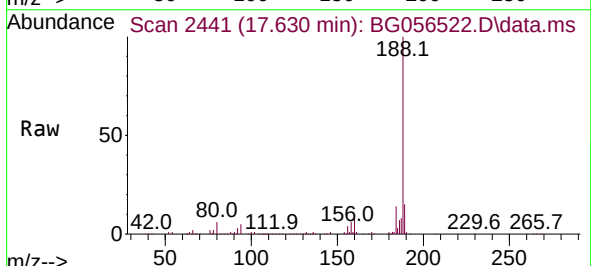
Tgt Ion:188 Resp: 251900

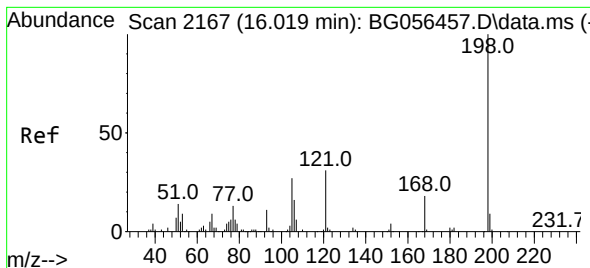
Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

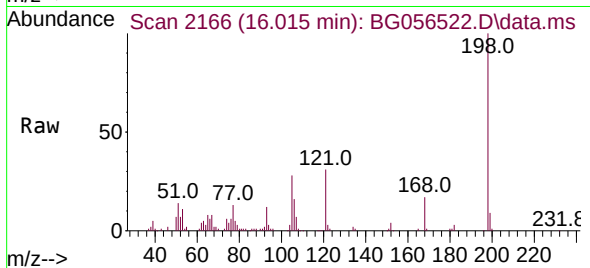
80 5.9 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 44.828 ng
RT: 16.015 min Scan# 2167
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

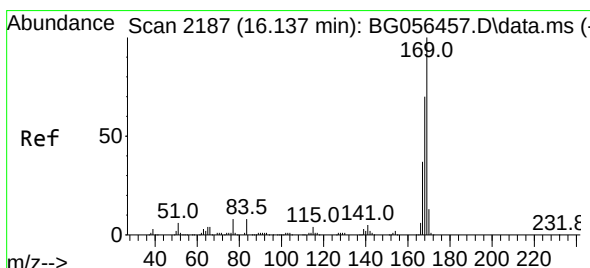
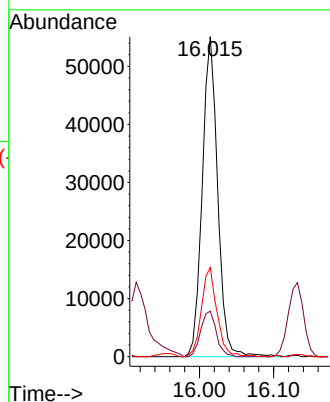
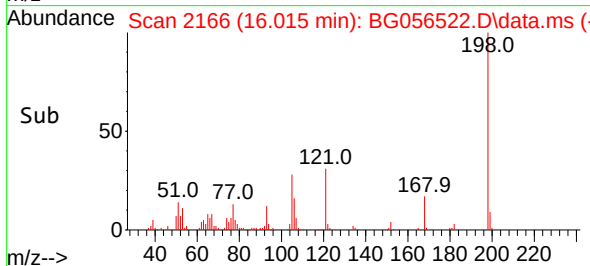
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



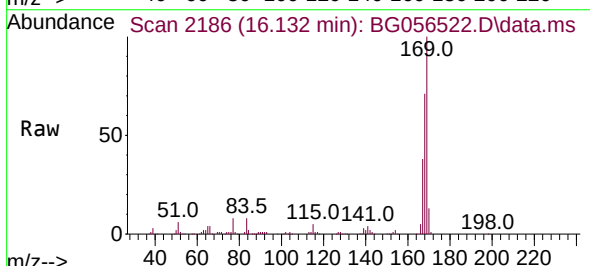
Tgt Ion:198 Resp: 79390
Ion Ratio Lower Upper
198 100
51 14.2 0.0 35.0
105 27.8 7.4 47.4

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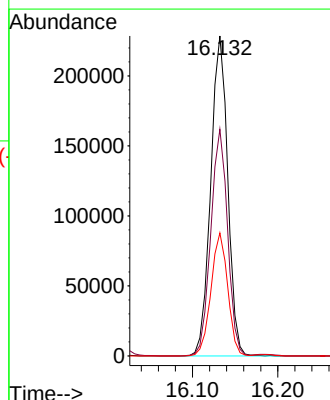
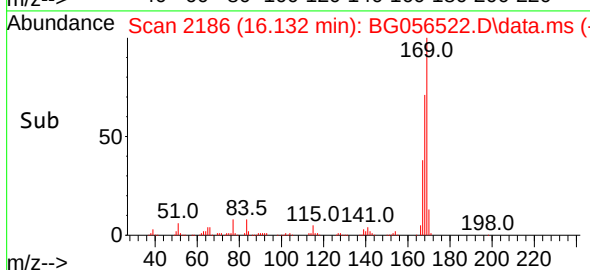
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

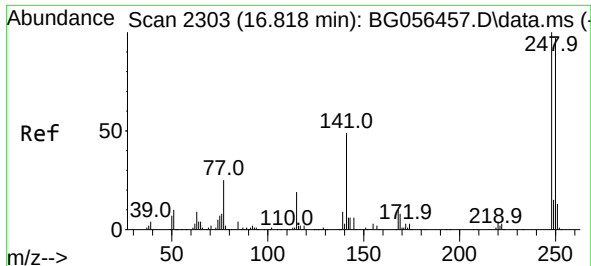


#66
n-Nitrosodiphenylamine
Concen: 44.382 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



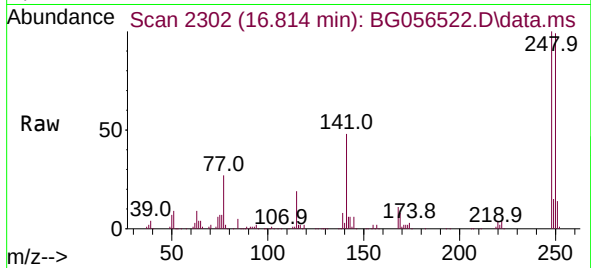
Tgt Ion:169 Resp: 316533
Ion Ratio Lower Upper
169 100
168 70.8 55.8 83.6
167 38.4 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 44.992 ng
RT: 16.814 min Scan# 2303
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

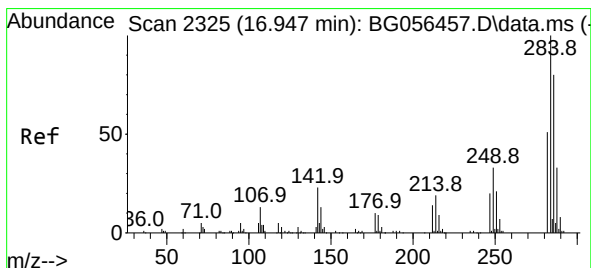
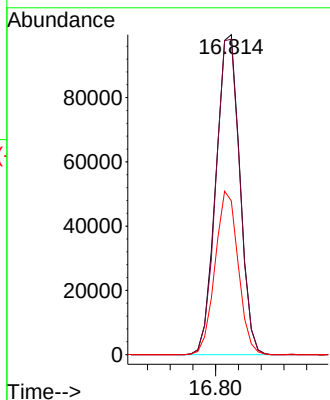
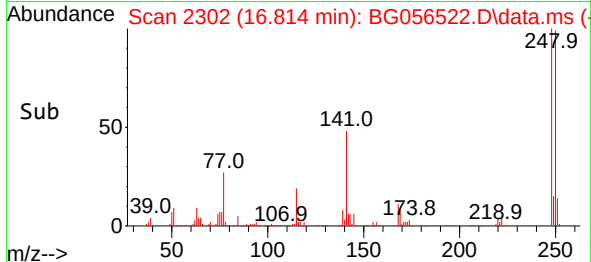
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:248 Resp: 145090
Ion Ratio Lower Upper
248 100
250 98.6 77.6 116.4
141 48.0 39.0 58.4

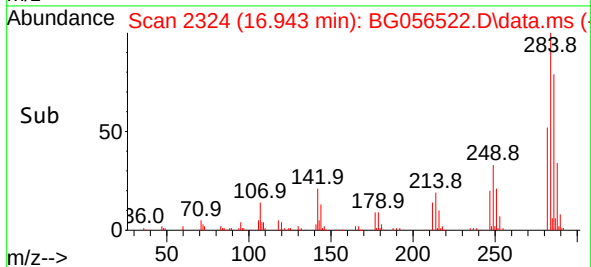
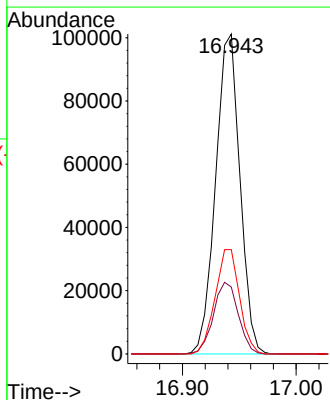
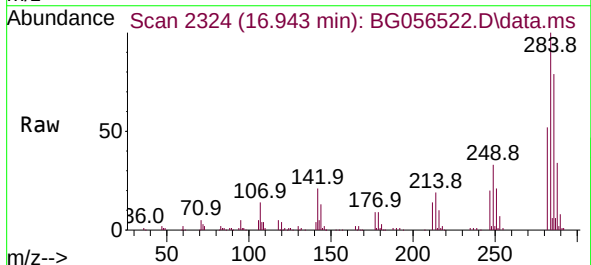
Manual Integrations
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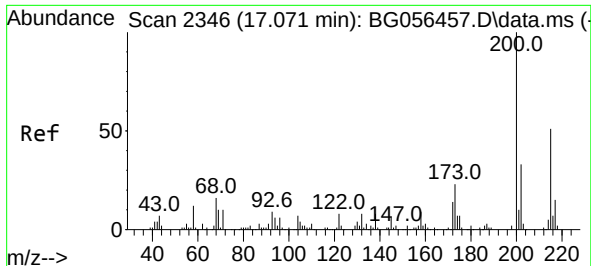
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#68
Hexachlorobenzene
Concen: 47.478 ng
RT: 16.943 min Scan# 2324
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

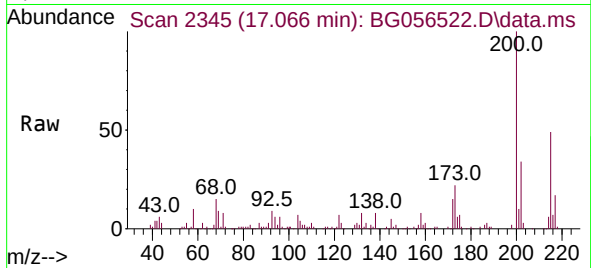
Tgt Ion:284 Resp: 149956
Ion Ratio Lower Upper
284 100
142 20.9 18.0 27.0
249 32.6 26.7 40.1





#69
 Atrazine
 Concen: 50.514 ng
 RT: 17.066 min Scan# 2345
 Delta R.T. -0.005 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15

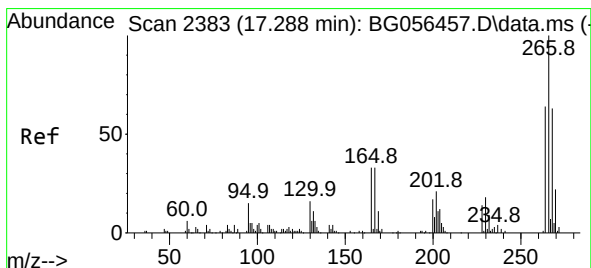
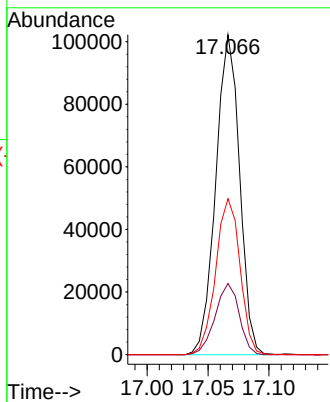
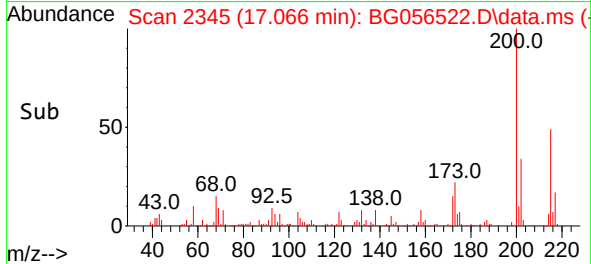
Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MSD



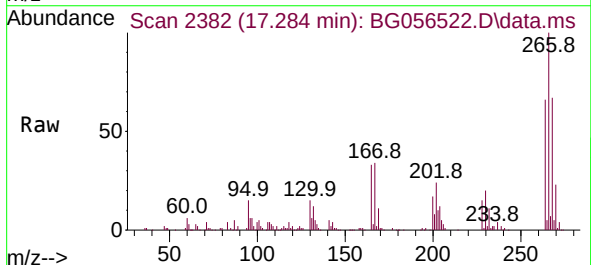
Tgt Ion:200 Resp: 138988
 Ion Ratio Lower Upper
 200 100
 173 22.2 3.2 43.2
 215 48.7 30.7 70.7

Manual Integrations
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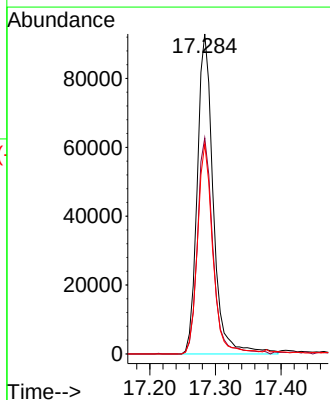
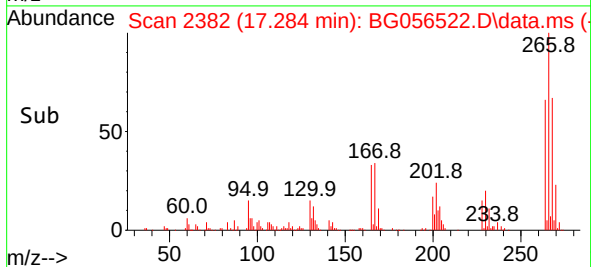
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

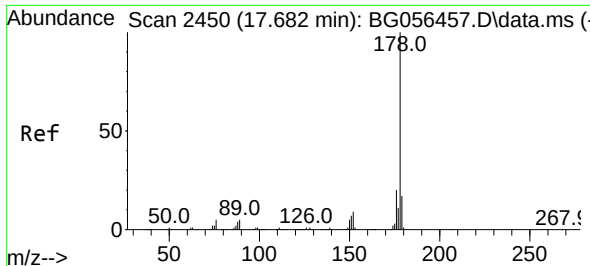


#70
 Pentachlorophenol
 Concen: 81.774 ng
 RT: 17.284 min Scan# 2382
 Delta R.T. 0.001 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15



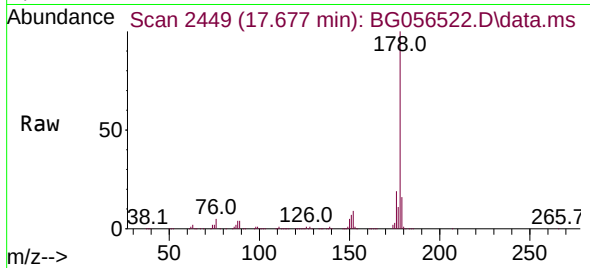
Tgt Ion:266 Resp: 156279
 Ion Ratio Lower Upper
 266 100
 268 67.5 50.2 75.4
 264 65.6 51.4 77.0





#71
Phenanthrene
Concen: 45.999 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

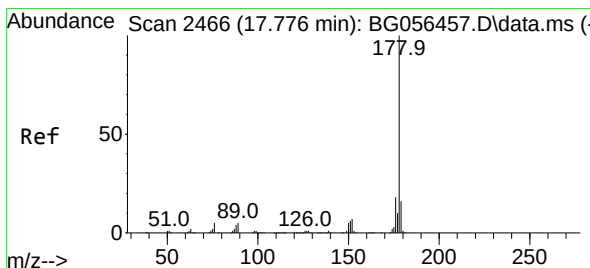
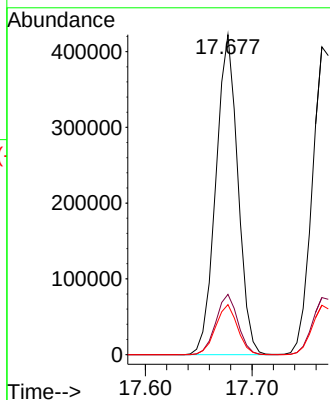
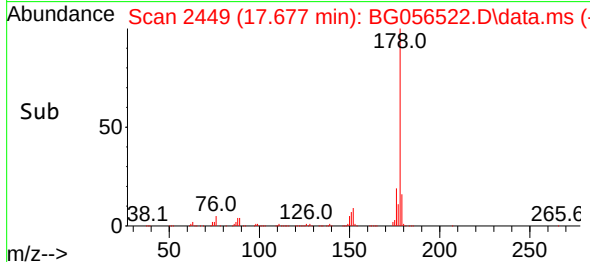
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:178 Resp: 606456
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.6 13.3 19.9

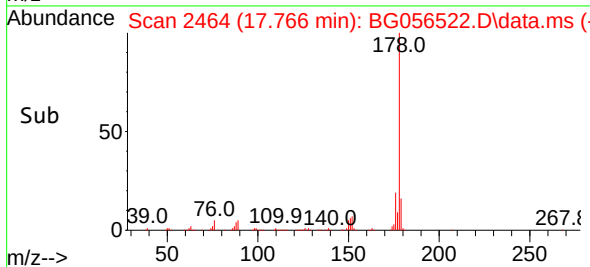
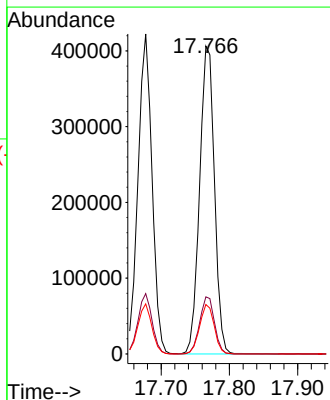
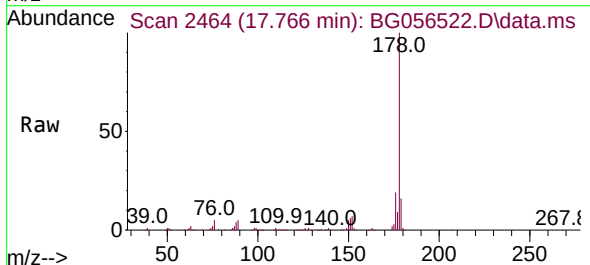
Manual Integrations
APPROVED

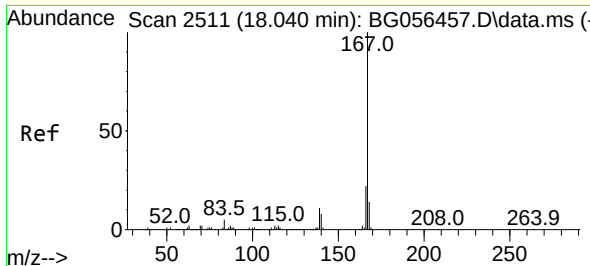
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#72
Anthracene
Concen: 45.418 ng
RT: 17.766 min Scan# 2464
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

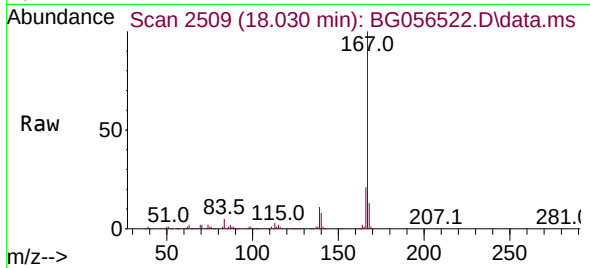
Tgt Ion:178 Resp: 614679
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 46.486 ng
 RT: 18.030 min Scan# 2509
 Delta R.T. -0.005 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15

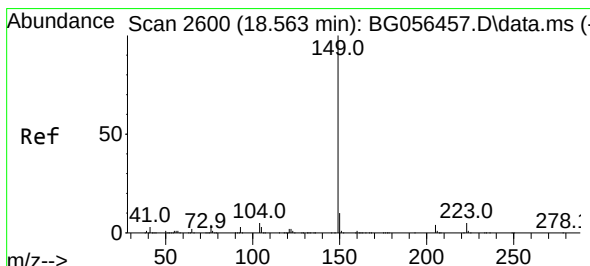
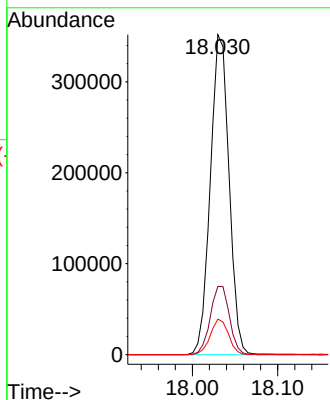
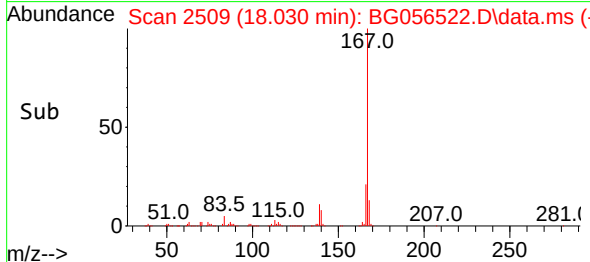
Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MSD



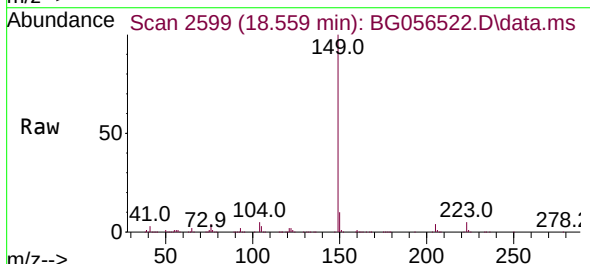
Tgt Ion:167 Resp: 535827
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.6
 139 11.1 8.9 13.3

Manual Integrations
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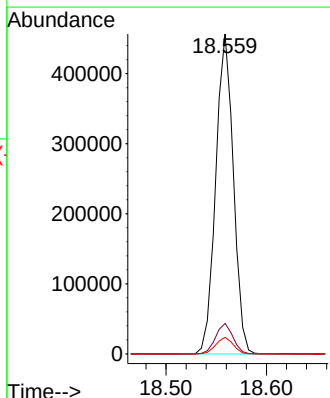
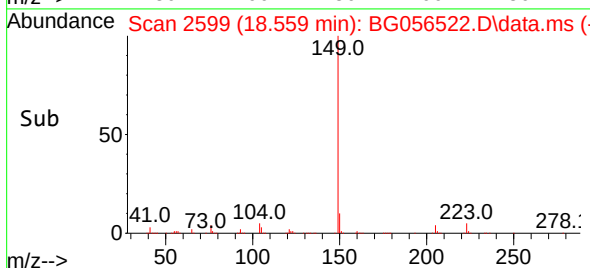
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

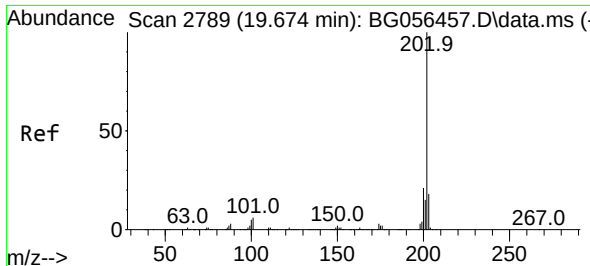


#74
 Di-n-butylphthalate
 Concen: 46.167 ng
 RT: 18.559 min Scan# 2599
 Delta R.T. -0.005 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15



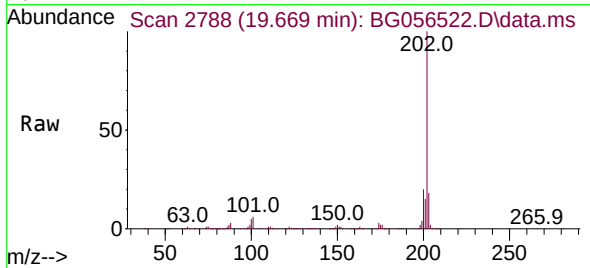
Tgt Ion:149 Resp: 558747
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 46.521 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

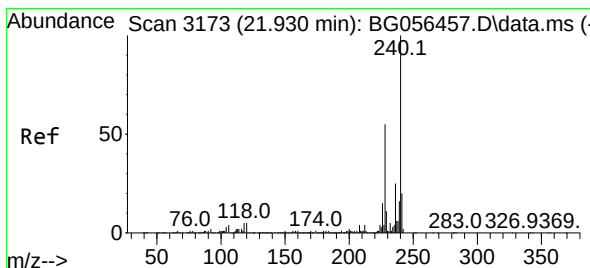
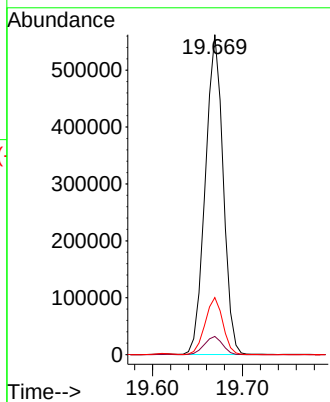
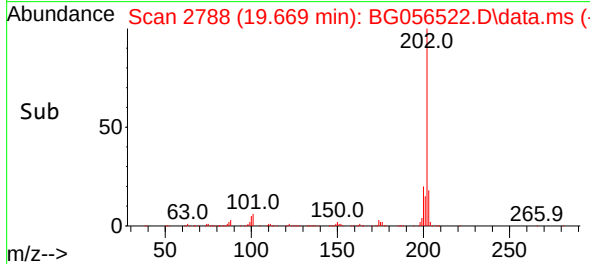
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:202 Resp: 774092
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.6
203 17.8 0.0 38.1

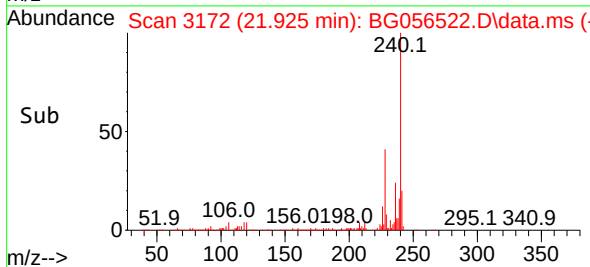
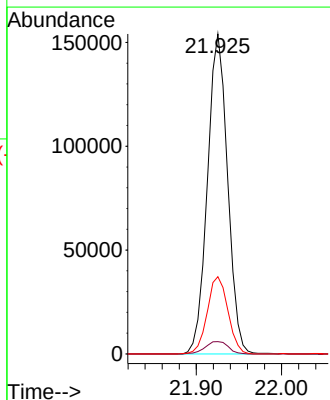
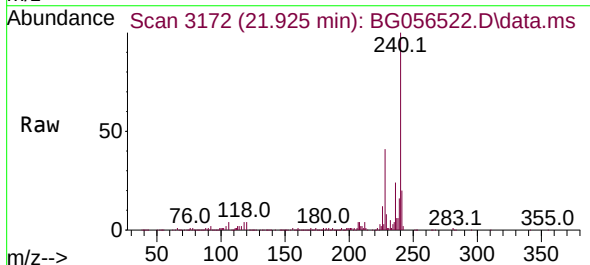
Manual Integrations
APPROVED

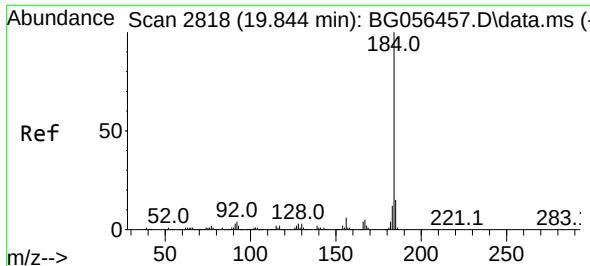
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

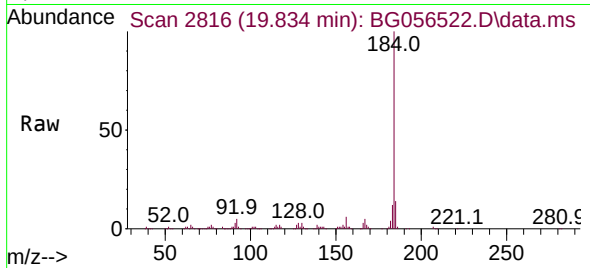
Tgt Ion:240 Resp: 252535
Ion Ratio Lower Upper
240 100
120 3.8 3.8 5.8
236 24.1 20.2 30.2





#77
Benzidine
Concen: 28.855 ng
RT: 19.834 min Scan# 2816
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

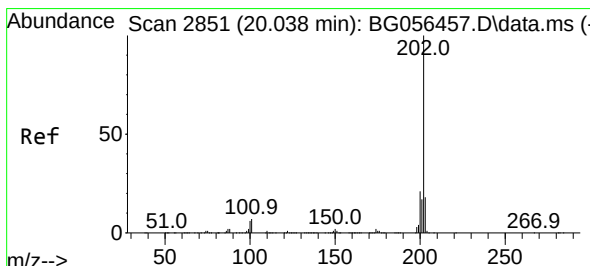
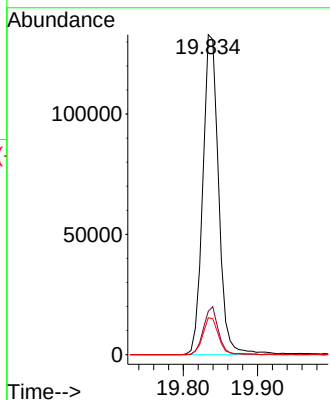
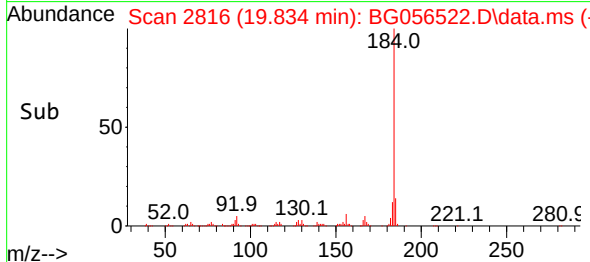
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



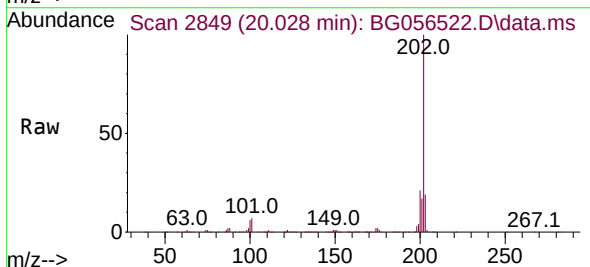
Tgt Ion:184 Resp: 197193
Ion Ratio Lower Upper
184 100
185 13.5 12.3 18.5
183 11.5 9.8 14.8

Manual Integrations
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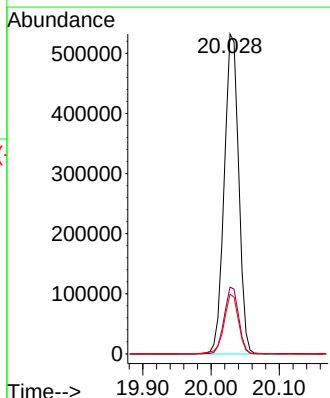
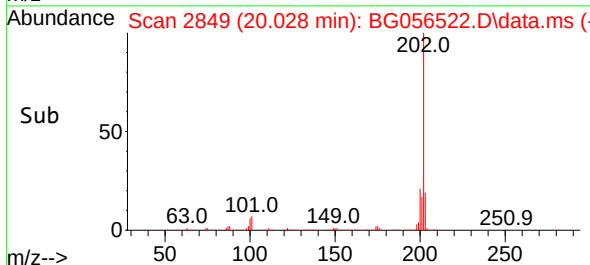
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

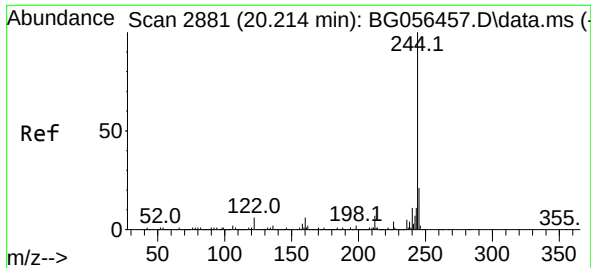


#78
Pyrene
Concen: 43.441 ng
RT: 20.028 min Scan# 2849
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15



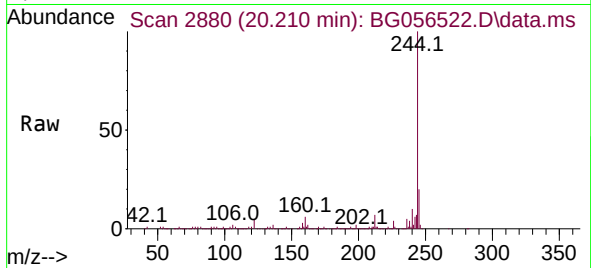
Tgt Ion:202 Resp: 780240
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 18.7 14.4 21.6





#79
 Terphenyl-d14
 Concen: 72.855 ng
 RT: 20.210 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15

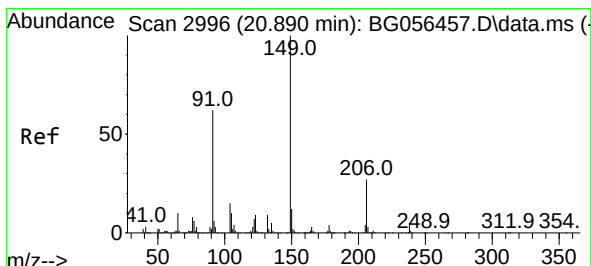
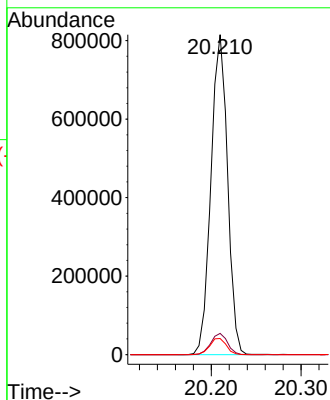
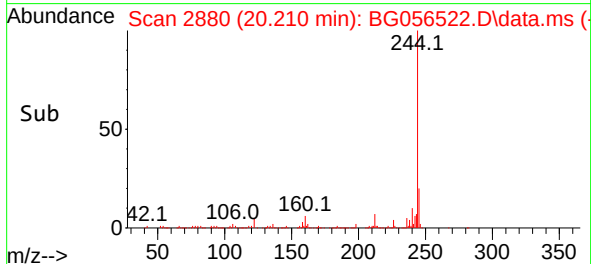
Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MSD



Tgt Ion:244 Resp: 1047528
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 5.0 4.4 6.6

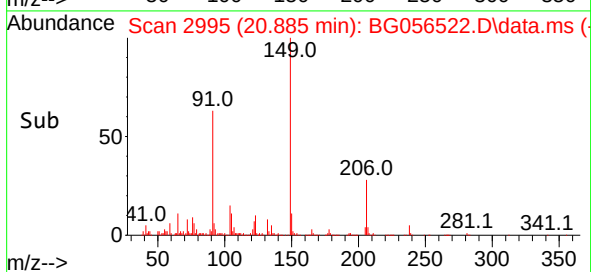
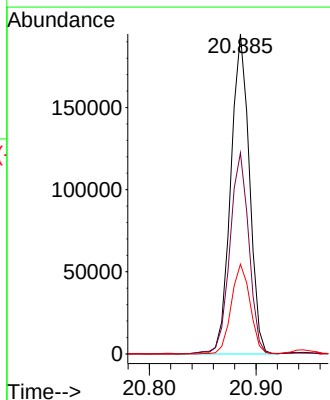
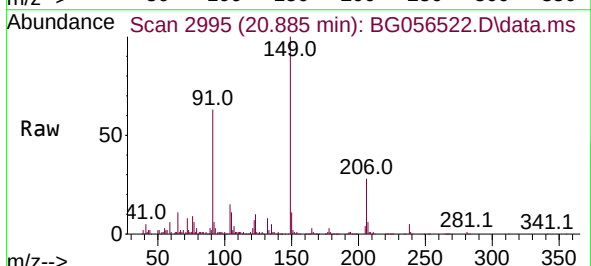
Manual Integrations
 APPROVED

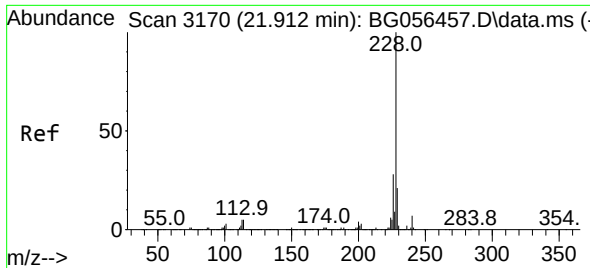
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023



#80
 Butylbenzylphthalate
 Concen: 43.044 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15

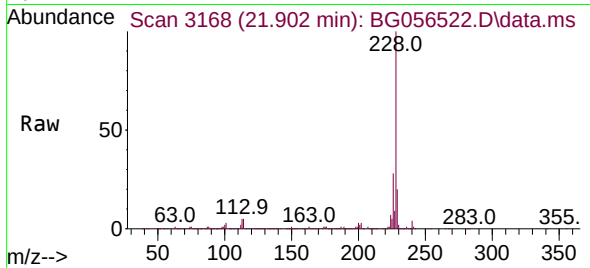
Tgt Ion:149 Resp: 236107
 Ion Ratio Lower Upper
 149 100
 91 62.8 49.4 74.0
 206 28.1 22.0 33.0





#81
Benzo(a)anthracene
Concen: 44.481 ng
RT: 21.902 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

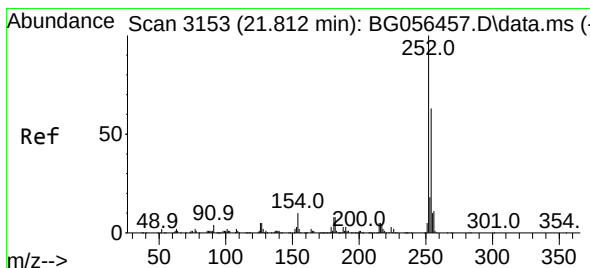
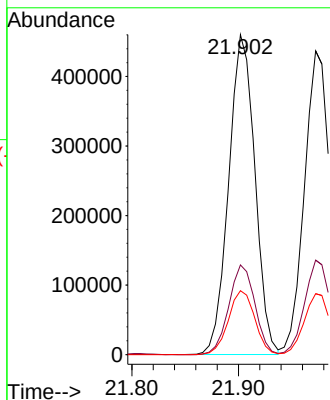
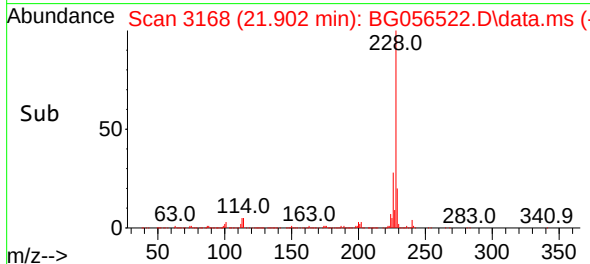
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:228 Resp: 785314
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.0 16.5 24.7

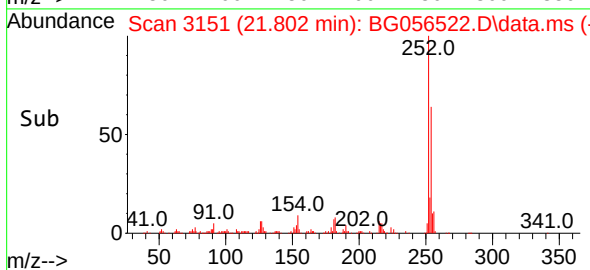
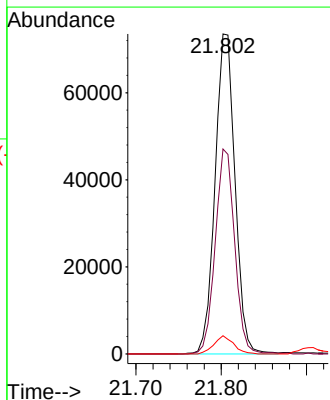
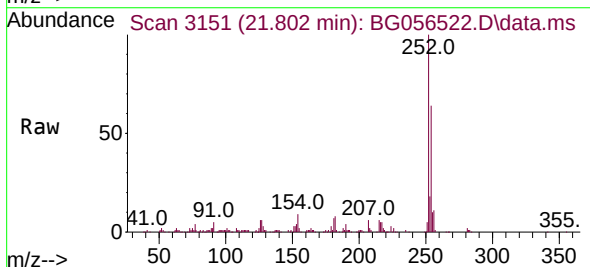
Manual Integrations
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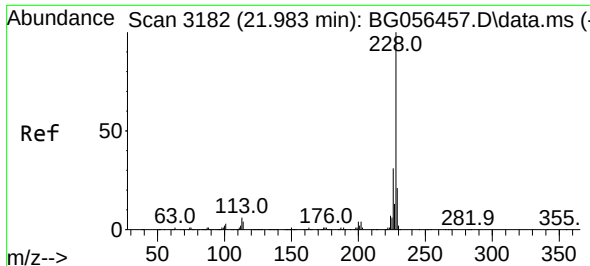
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 18.777 ng
RT: 21.802 min Scan# 3151
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

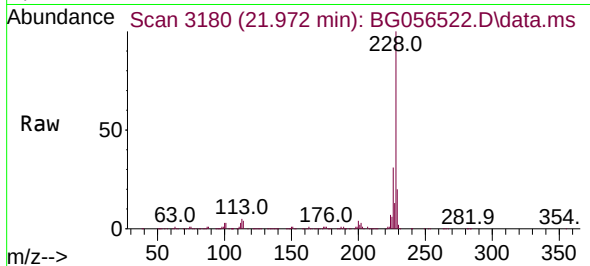
Tgt Ion:252 Resp: 119384
Ion Ratio Lower Upper
252 100
254 64.0 50.0 75.0
126 5.7 4.3 6.5





#83
Chrysene
Concen: 44.055 ng
RT: 21.972 min Scan# 3182
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

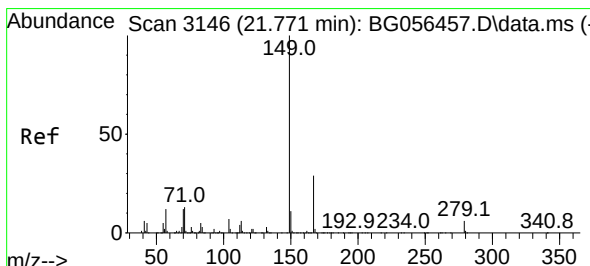
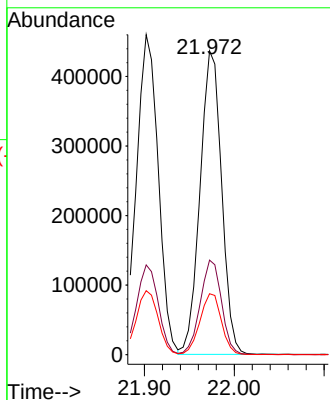
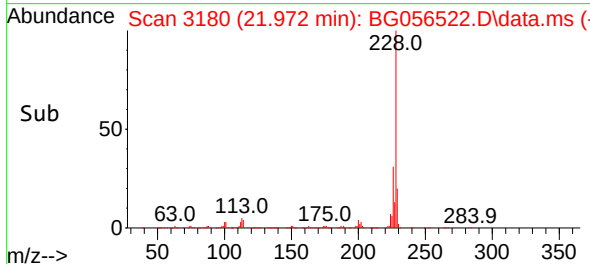
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:228 Resp: 730730
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.4
229 20.1 16.4 24.6

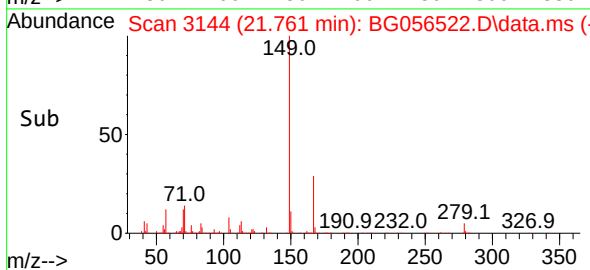
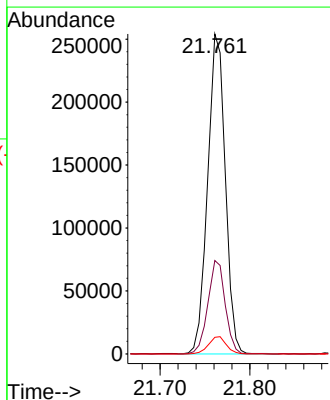
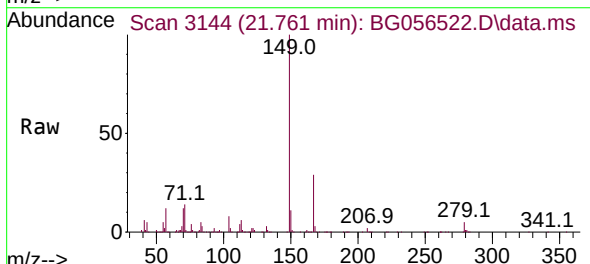
Manual Integrations
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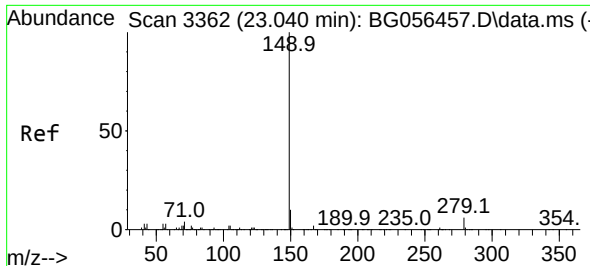
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.196 ng
RT: 21.761 min Scan# 3144
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

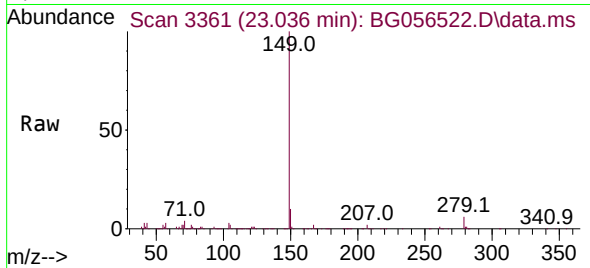
Tgt Ion:149 Resp: 347571
Ion Ratio Lower Upper
149 100
167 29.2 23.4 35.2
279 5.2 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 45.403 ng
RT: 23.036 min Scan# 3361
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

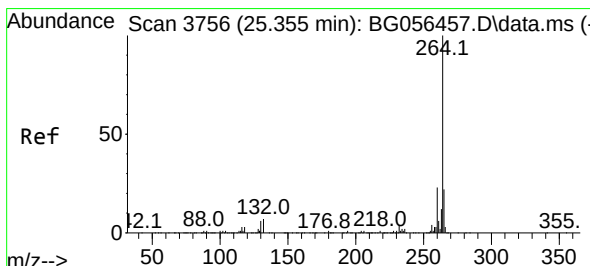
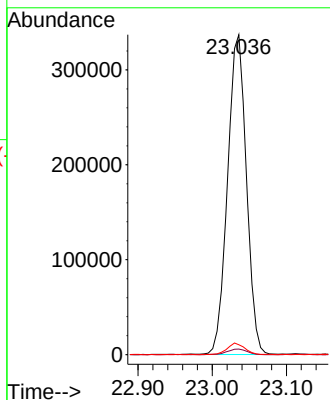
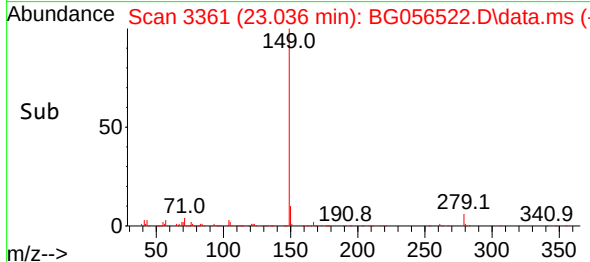
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:149 Resp: 594646
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 3.4 2.7 4.1

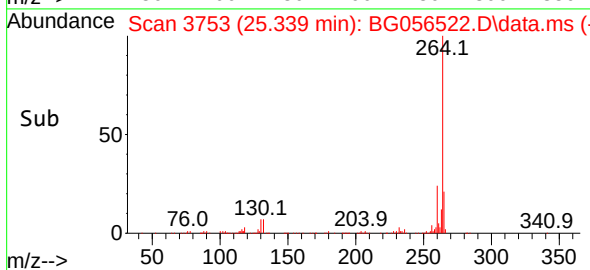
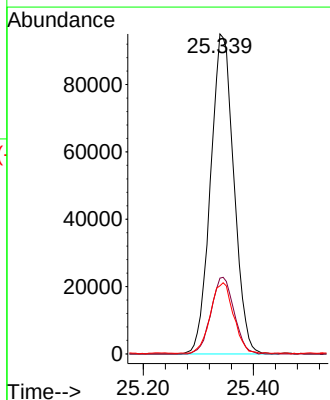
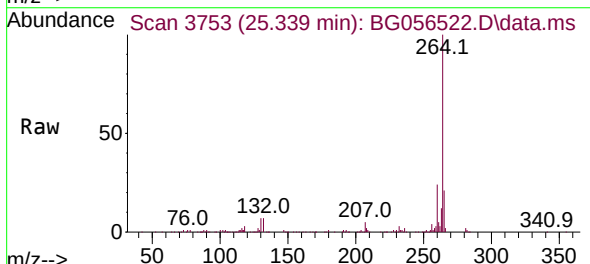
Manual Integrations
APPROVED

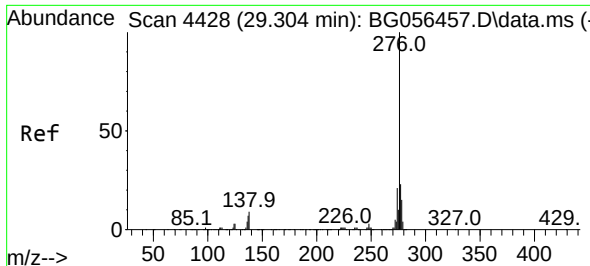
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 3753
Delta R.T. -0.005 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

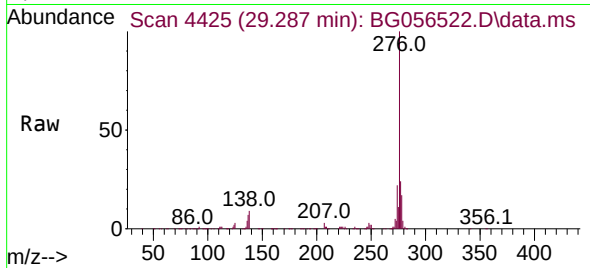
Tgt Ion:264 Resp: 278731
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 21.3 18.1 27.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.780 ng
 RT: 29.287 min Scan# 4428
 Delta R.T. 0.007 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15

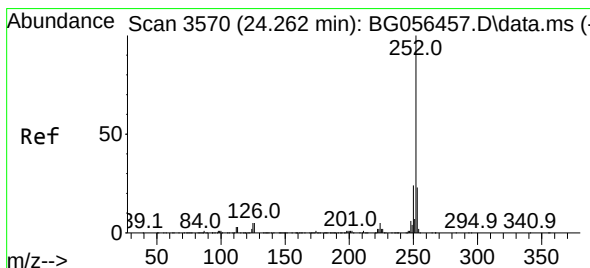
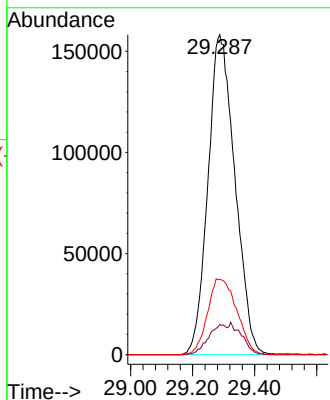
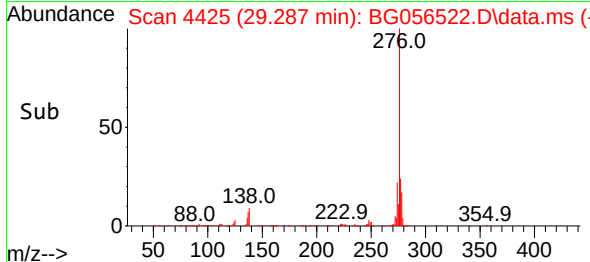
Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MSD



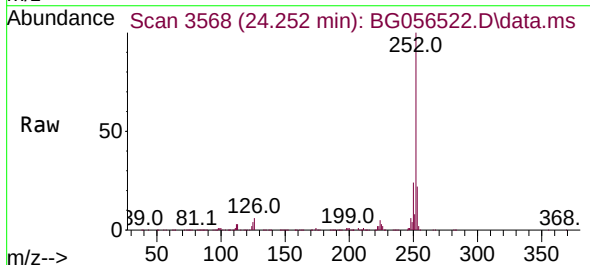
Tgt Ion:276 Resp: 954474
 Ion Ratio Lower Upper
 276 100
 138 6.4 9.4 14.2
 277 25.6 20.3 30.5

Manual Integrations
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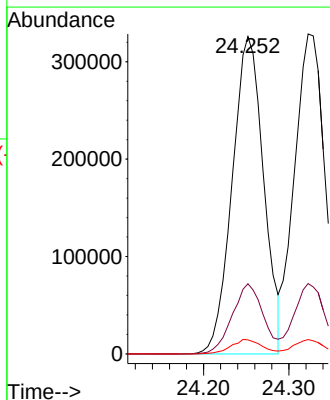
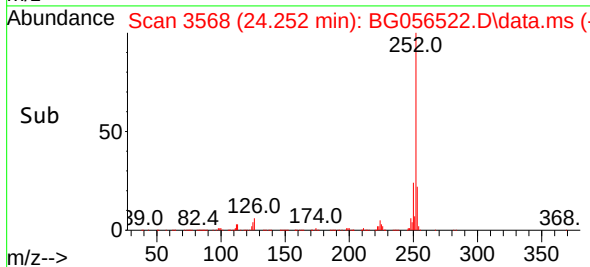
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

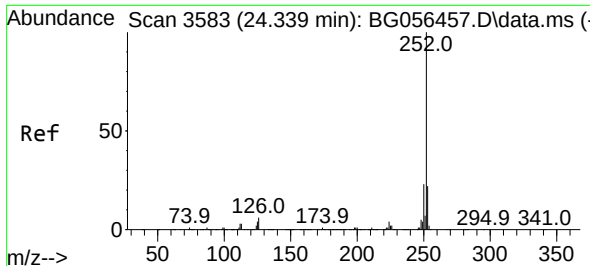


#88
 Benzo(b)fluoranthene
 Concen: 48.149 ng
 RT: 24.252 min Scan# 3568
 Delta R.T. 0.001 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15



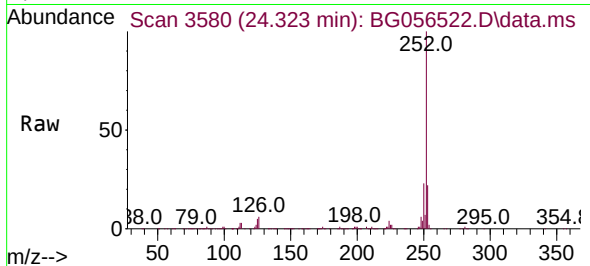
Tgt Ion:252 Resp: 833015
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.1 27.1
 125 4.4 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 46.679 ng
RT: 24.323 min Scan# 3580
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

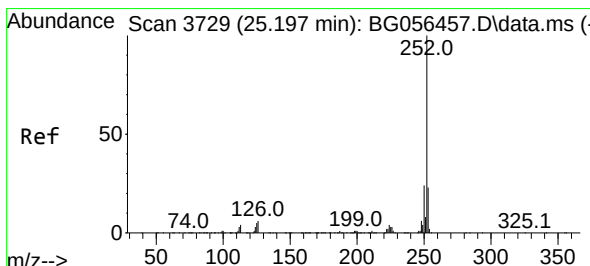
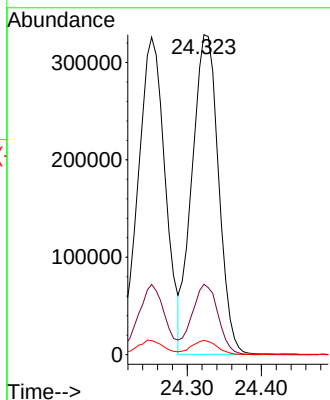
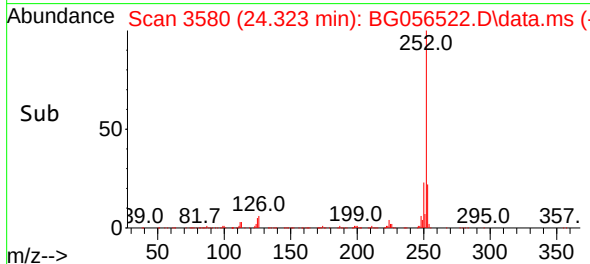
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MSD



Tgt Ion:252 Resp: 815346
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 4.5 3.4 5.0

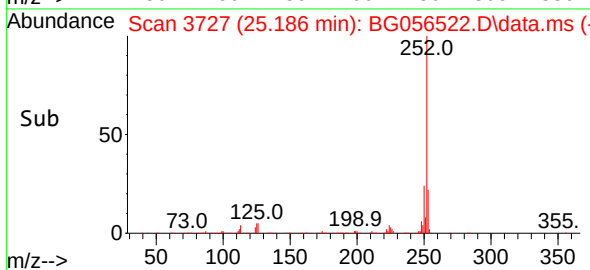
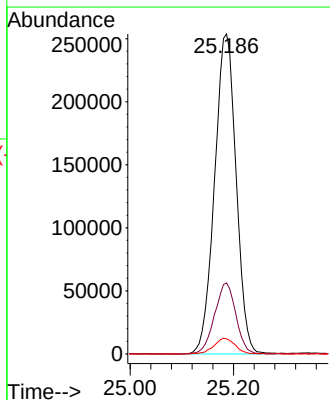
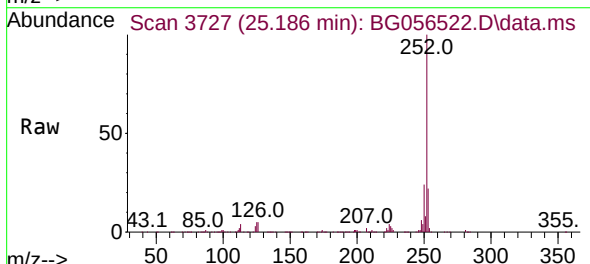
Manual Integrations
APPROVED

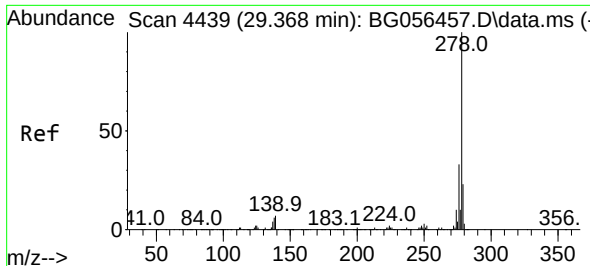
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#90
Benzo(a)pyrene
Concen: 43.227 ng
RT: 25.186 min Scan# 3727
Delta R.T. 0.001 min
Lab File: BG056522.D
Acq: 2 Feb 2023 20:15

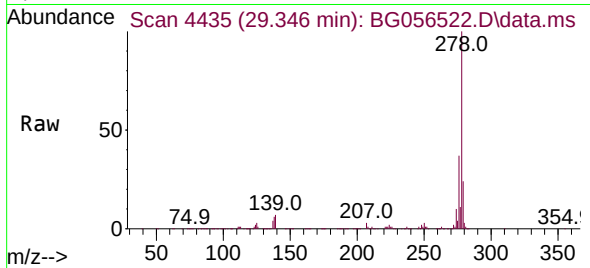
Tgt Ion:252 Resp: 736679
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 4.7 4.1 6.1





#91
 Dibenzo(a,h)anthracene
 Concen: 46.425 ng
 RT: 29.346 min Scan# 4439
 Delta R.T. 0.001 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15

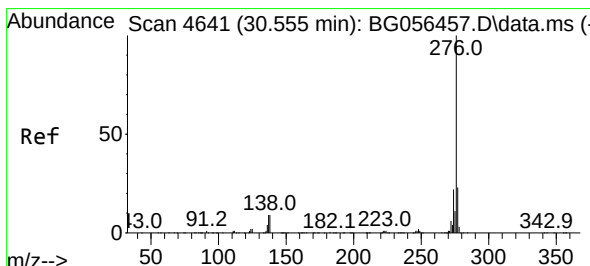
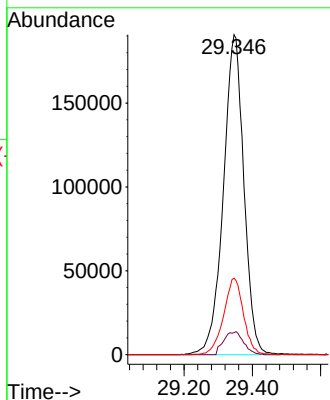
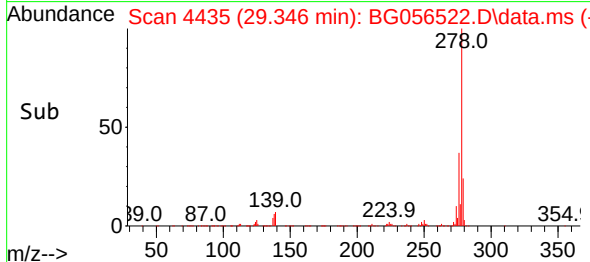
Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)MSD



Tgt Ion:278 Resp: 795095
 Ion Ratio Lower Upper
 278 100
 139 6.9 5.5 8.3
 279 23.9 18.8 28.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023



#92
 Benzo(g,h,i)perylene
 Concen: 46.525 ng
 RT: 30.533 min Scan# 4637
 Delta R.T. 0.007 min
 Lab File: BG056522.D
 Acq: 2 Feb 2023 20:15

Tgt Ion:276 Resp: 768844
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.5 27.7
 138 9.3 7.4 11.0

