

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056519.D
 Acq On : 2 Feb 2023 18:12
 Operator : CG/JU
 Sample : PB150385BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB150385BS

Manual Integrations

APPROVED

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

Supervised By :Jagrut
 Upadhyay
 02/03/2023

Quant Time: Feb 03 05:57:20 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	8.276	152	29868	20.000	ng	# 0.00
21) Naphthalene-d8	11.108	136	109827	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	89419	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	237993	20.000	ng	0.00
76) Chrysene-d12	21.925	240	255452	20.000	ng	0.00
86) Perylene-d12	25.350	264	283171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	198958	122.539	ng	0.00
7) Phenol-d6	7.424	99	275409	114.482	ng	0.00
23) Nitrobenzene-d5	9.451	82	142503	73.680	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	129174	108.662	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	466274	72.295	ng	0.00
79) Terphenyl-d14	20.209	244	1001153	68.834	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	33637	49.754	ng	96
3) Pyridine	4.011	79	83784	41.574	ng	93
4) n-Nitrosodimethylamine	3.923	42	19079	44.517	ng	92
6) Aniline	7.589	93	107413	34.103	ng	99
8) 2-Chlorophenol	7.836	128	86165	48.308	ng	94
9) Benzaldehyde	7.401	77	53738	55.628	ng	95
10) Phenol	7.448	94	121851	49.835	ng	98
11) bis(2-Chloroethyl)ether	7.677	93	76998	45.815	ng	97
12) 1,3-Dichlorobenzene	8.165	146	100560	48.967	ng	99
13) 1,4-Dichlorobenzene	8.312	146	102615	49.340	ng	97
14) 1,2-Dichlorobenzene	8.635	146	96788	47.967	ng	99
15) Benzyl Alcohol	8.511	79	75514	45.751	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.799	45	15067	42.312	ng	88
17) 2-Methylphenol	8.717	107	83948	45.130	ng	99
18) Hexachloroethane	9.375	117	30179	47.977	ng	92
19) n-Nitroso-di-n-propyla...	9.081	70	58560	42.240	ng	96
20) 3+4-Methylphenols	9.046	107	117018	44.889	ng	98
22) Acetophenone	9.105	105	134118	45.961	ng	# 98
24) Nitrobenzene	9.498	77	90691	48.613	ng	95
25) Isophorone	10.015	82	174843	43.820	ng	99
26) 2-Nitrophenol	10.209	139	53754	47.490	ng	96
27) 2,4-Dimethylphenol	10.256	122	96313m	50.843	ng	
28) bis(2-Chloroethoxy)met...	10.491	93	104165	47.257	ng	97
29) 2,4-Dichlorophenol	10.750	162	109117	51.174	ng	97
30) 1,2,4-Trichlorobenzene	10.967	180	116237	49.055	ng	98
31) Naphthalene	11.161	128	267493	46.146	ng	97
32) Benzoic acid	10.409	122	47388m	44.713	ng	
33) 4-Chloroaniline	11.267	127	76802	28.384	ng	97
34) Hexachlorobutadiene	11.431	225	83402	50.144	ng	95
35) Caprolactam	12.025	113	30932m	43.013	ng	
36) 4-Chloro-3-methylphenol	12.366	107	98677	47.920	ng	97
37) 2-Methylnaphthalene	12.742	142	208655	43.662	ng	98
38) 1-Methylnaphthalene	12.959	142	193338	43.318	ng	98
40) 1,2,4,5-Tetrachloroben...	13.106	216	156646	47.951	ng	98
41) Hexachlorocyclopentadiene	13.082	237	191628	108.215	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	106113	50.405	ng	98

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Manual Integrations

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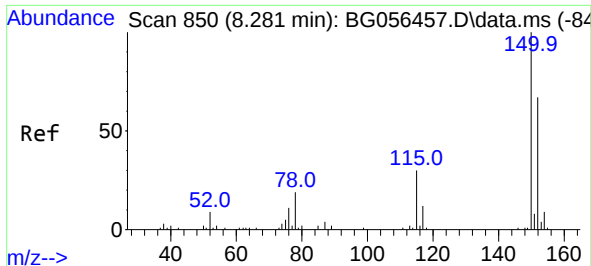
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 Supervised By :Jagrut Upadhyay 02/03/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.417	196	110793	44.950	ng	98
46) 1,1'-Biphenyl	13.735	154	303328	46.768	ng	98
47) 2-Chloronaphthalene	13.782	162	241120	47.563	ng	99
48) 2-Nitroaniline	13.981	65	50389	48.082	ng	96
49) Acenaphthylene	14.622	152	374974	45.463	ng	99
50) Dimethylphthalate	14.334	163	319814	44.208	ng	100
51) 2,6-Dinitrotoluene	14.463	165	70798	44.876	ng	97
52) Acenaphthene	14.963	154	221843	45.356	ng	98
53) 3-Nitroaniline	14.798	138	47981	31.371	ng	97
54) 2,4-Dinitrophenol	15.010	184	103915	105.066	ng	99
55) Dibenzofuran	15.292	168	395250	45.060	ng	99
56) 4-Nitrophenol	15.104	139	107815	103.165	ng	97
57) 2,4-Dinitrotoluene	15.250	165	102163	45.974	ng	97
58) Fluorene	15.938	166	323359	46.328	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.515	232	107719	49.153	ng	99
60) Diethylphthalate	15.685	149	300711	44.267	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	198103	46.514	ng	99
62) 4-Nitroaniline	15.956	138	71517	46.730	ng	96
63) Azobenzene	16.214	77	224175	47.960	ng	98
65) 4,6-Dinitro-2-methylph...	16.014	198	75325	45.018	ng	99
66) n-Nitrosodiphenylamine	16.132	169	297262	44.115	ng	99
67) 4-Bromophenyl-phenylether	16.813	248	135226	44.384	ng	96
68) Hexachlorobenzene	16.943	284	137446	46.060	ng	98
69) Atrazine	17.066	200	136332	52.444	ng	95
70) Pentachlorophenol	17.283	266	158309	87.677	ng	97
71) Phenanthrene	17.677	178	580327	46.590	ng	98
72) Anthracene	17.771	178	585371	45.780	ng	99
73) Carbazole	18.035	167	527045	48.396	ng	99
74) Di-n-butylphthalate	18.558	149	545811	47.733	ng	100
75) Fluoranthene	19.669	202	772939	49.166	ng	99
77) Benzidine	19.839	184	453018	65.533	ng	98
78) Pyrene	20.033	202	790648	43.518	ng	99
80) Butylbenzylphthalate	20.885	149	246640	44.450	ng	100
81) Benzo(a)anthracene	21.902	228	817037	45.749	ng	100
82) 3,3'-Dichlorobenzidine	21.808	252	178820	27.805	ng	99
83) Chrysene	21.978	228	757390	45.141	ng	99
84) Bis(2-ethylhexyl)phtha...	21.766	149	363277	45.665	ng	99
85) Di-n-octyl phthalate	23.035	149	616319	46.521	ng	100
87) Indeno(1,2,3-cd)pyrene	29.293	276	987625	47.646	ng	# 95
88) Benzo(b)fluoranthene	24.258	252	866638	49.307	ng	98
89) Benzo(k)fluoranthene	24.328	252	848597	47.820	ng	100
90) Benzo(a)pyrene	25.186	252	764655	44.165	ng	97
91) Dibenzo(a,h)anthracene	29.352	278	824377	47.380	ng	99
92) Benzo(g,h,i)perylene	30.538	276	800311	47.670	ng	97

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



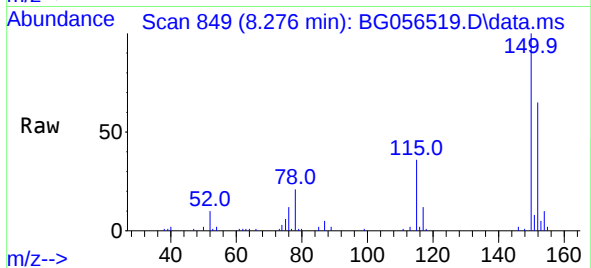
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

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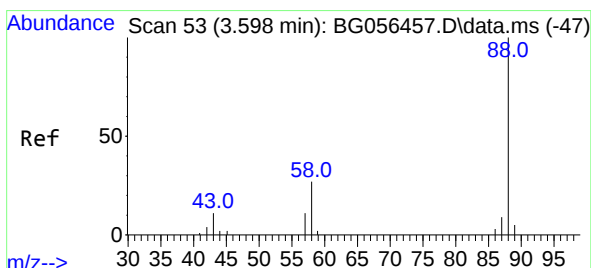
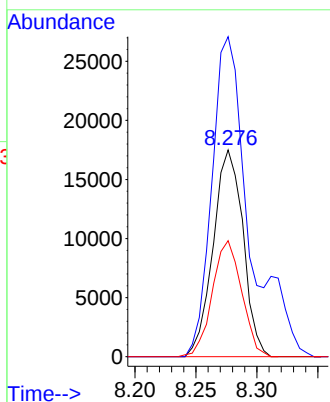
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Ion Ratio Lower Upper
152 100
150 154.8 120.2 180.4
115 56.1 36.3 54.5

Manual Integrations

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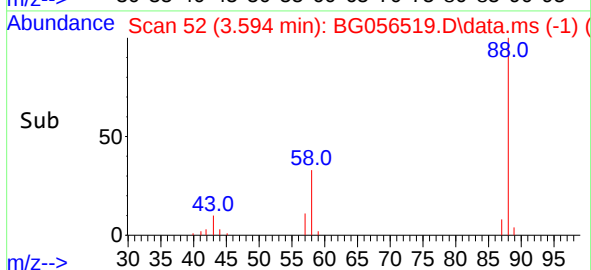
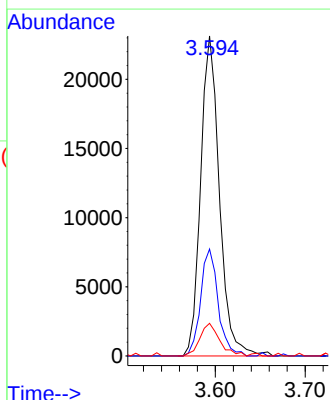
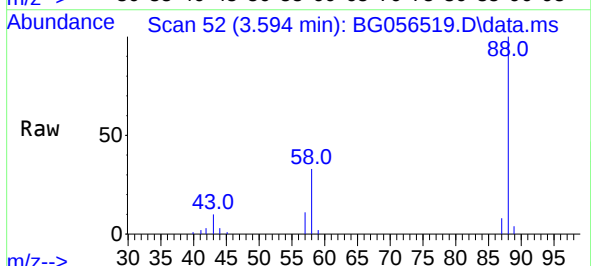
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

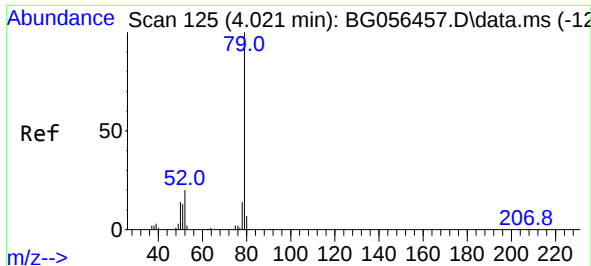
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#2
1,4-Dioxane
Concen: 49.754 ng
RT: 3.594 min Scan# 52
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 88 Resp: 33637
Ion Ratio Lower Upper
88 100
58 31.2 23.0 34.4
43 10.7 8.0 12.0





#3
Pyridine
Concen: 41.574 ng
RT: 4.011 min Scan# 10
Delta R.T. -0.011 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

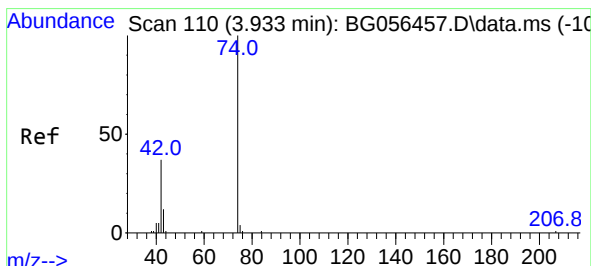
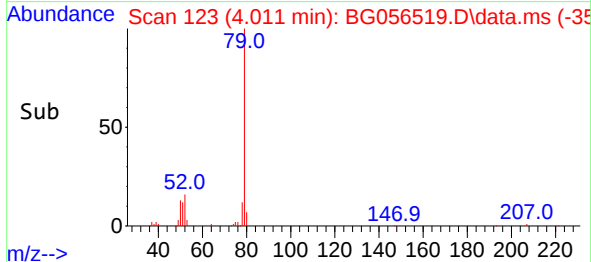
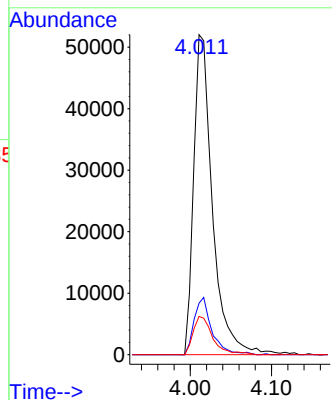
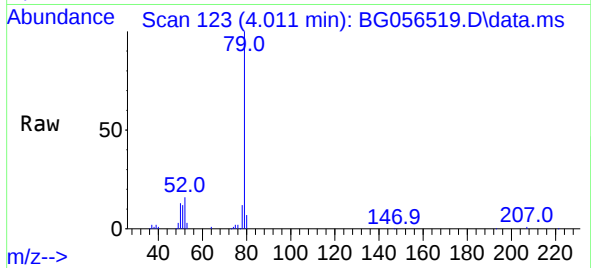
PB150385BS

Tgt Ion: 79 Resp: 83784
Ion Ratio Lower Upper
79 100
52 16.1 16.1 24.1
51 11.9 10.7 16.1

Manual Integrations
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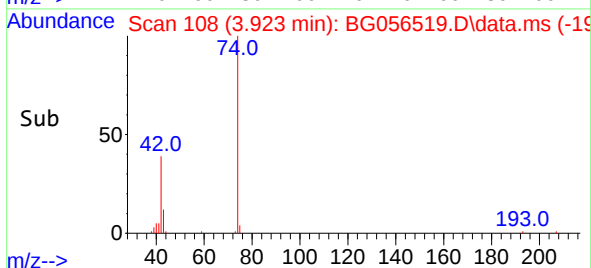
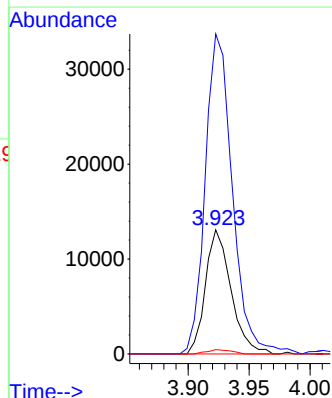
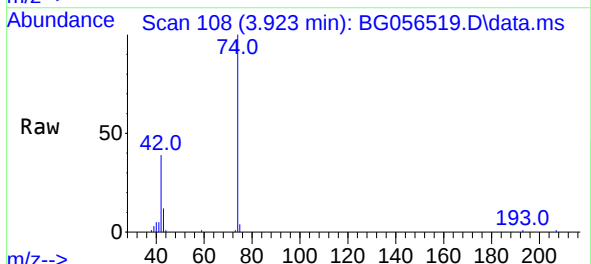
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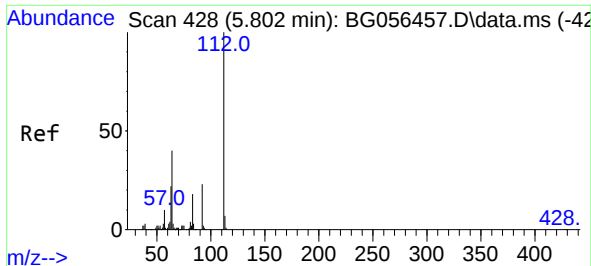
Supervised By :Jagrut
Upadhyay
02/03/2023



#4
n-Nitrosodimethylamine
Concen: 44.517 ng
RT: 3.923 min Scan# 108
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 42 Resp: 19079
Ion Ratio Lower Upper
42 100
74 257.9 217.9 326.9
44 3.4 3.0 4.6





#5
2-Fluorophenol
Concen: 122.539 ng
RT: 5.797 min Scan# 428
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

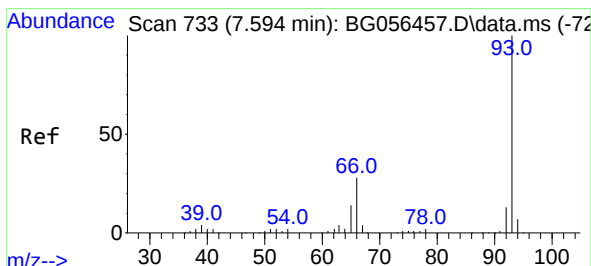
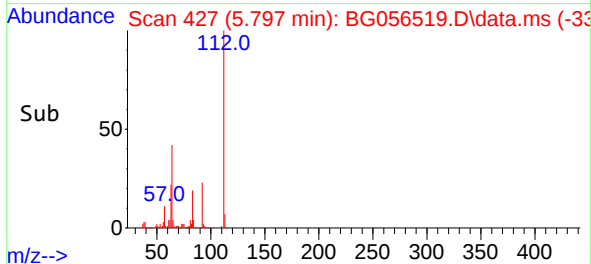
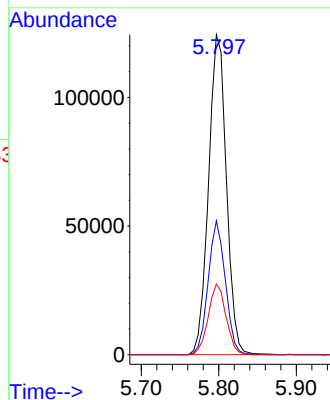
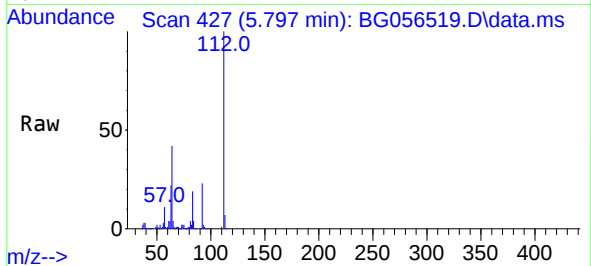
PB150385BS

Tgt Ion:112 Resp: 198958
Ion Ratio Lower Upper
112 100
64 41.9 31.9 47.9
63 22.1 17.4 26.0

Manual Integrations
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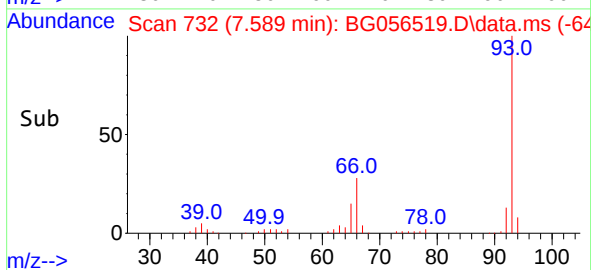
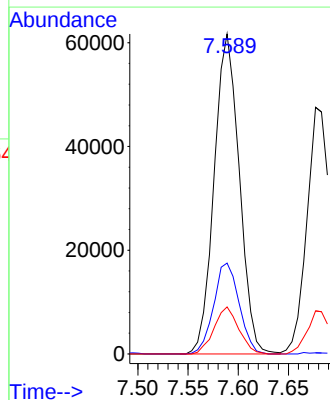
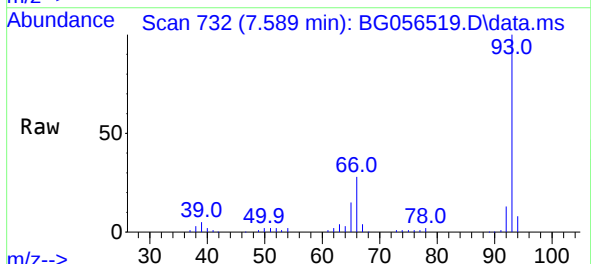
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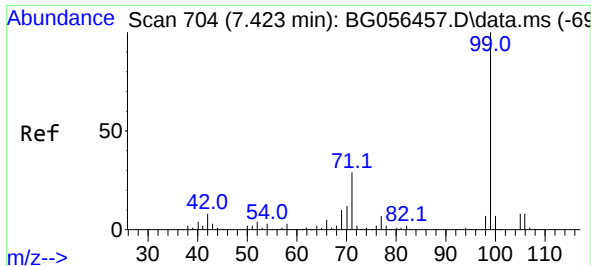
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Upadhyay
02/03/2023



#6
Aniline
Concen: 34.103 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

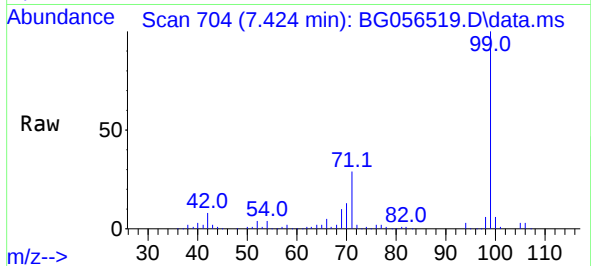
Tgt Ion: 93 Resp: 107413
Ion Ratio Lower Upper
93 100
66 28.4 22.2 33.2
65 14.7 11.3 16.9





#7
Phenol-d6
Concen: 114.482 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

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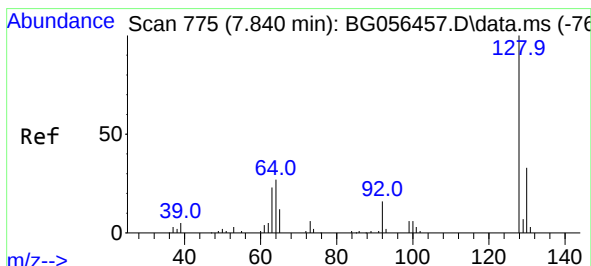
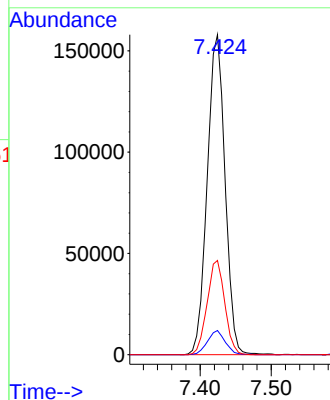


Tgt Ion: 99 Resp: 275409
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 29.5 23.4 35.0

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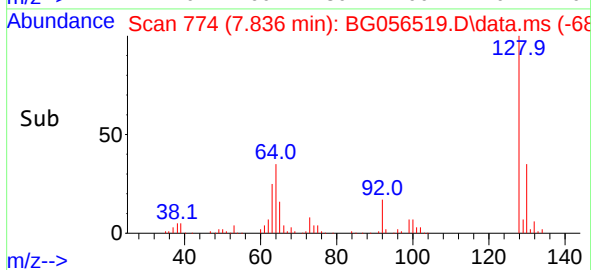
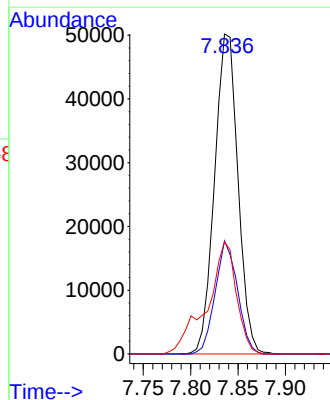
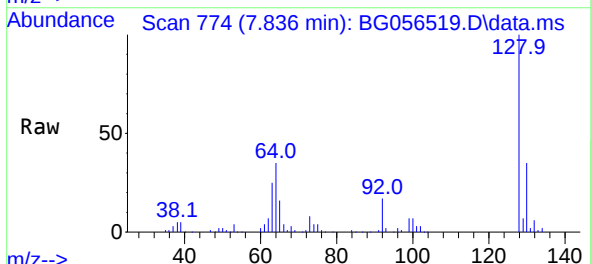
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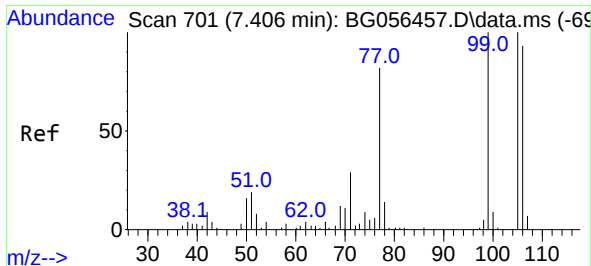
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#8
2-Chlorophenol
Concen: 48.308 ng
RT: 7.836 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

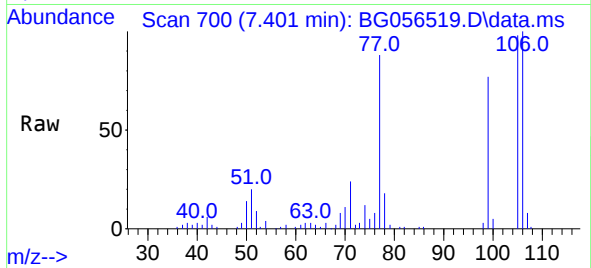
Tgt Ion:128 Resp: 86165
Ion Ratio Lower Upper
128 100
130 35.4 12.8 52.8
64 35.1 11.3 51.3





#9
Benzaldehyde
Concen: 55.628 ng
RT: 7.401 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

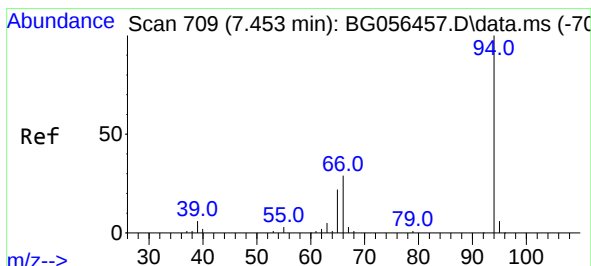
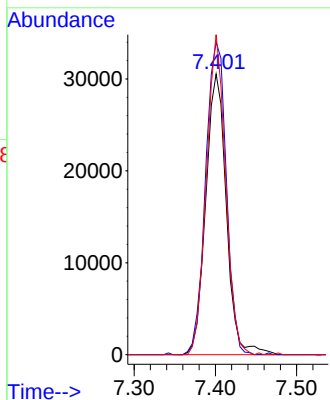
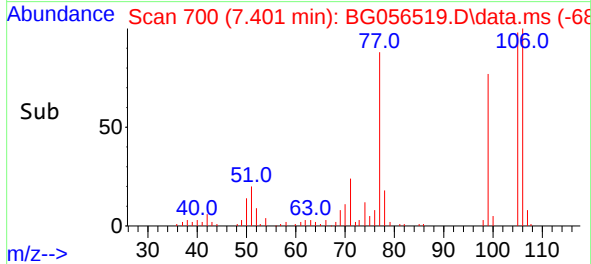


Tgt Ion: 77 Resp: 53738
Ion Ratio Lower Upper
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105 111.4 101.8 141.8
106 114.0 93.0 133.0

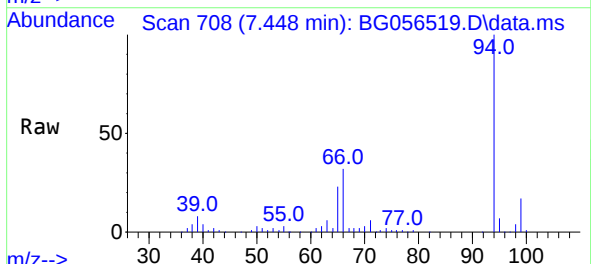
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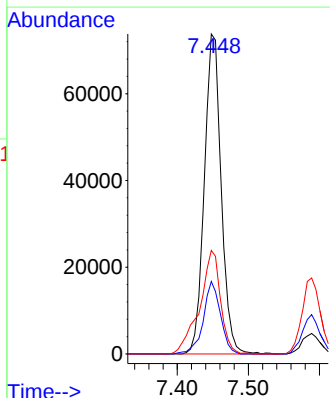
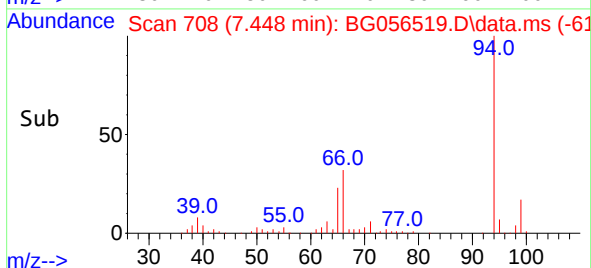
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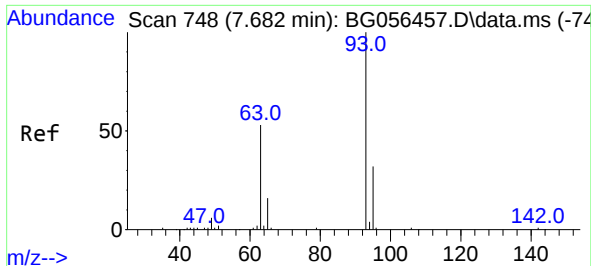


#10
Phenol
Concen: 49.835 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



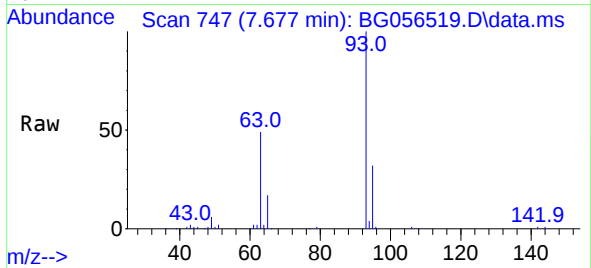
Tgt Ion: 94 Resp: 121851
Ion Ratio Lower Upper
94 100
65 22.6 2.3 42.3
66 32.4 11.2 51.2





#11
bis(2-Chloroethyl)ether
Concen: 45.815 ng
RT: 7.677 min Scan# 74
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

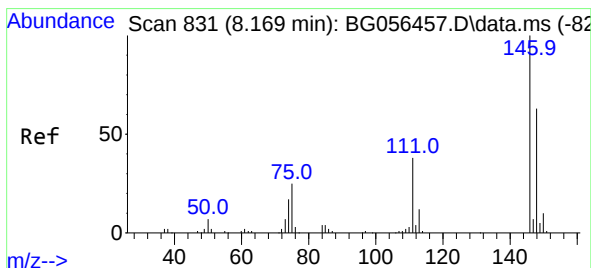
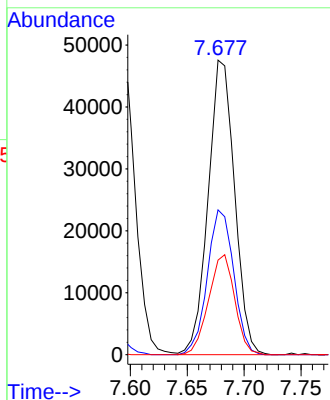


Tgt Ion: 93 Resp: 76998
Ion Ratio Lower Upper
93 100
63 49.1 32.4 72.4
95 32.1 11.8 51.8

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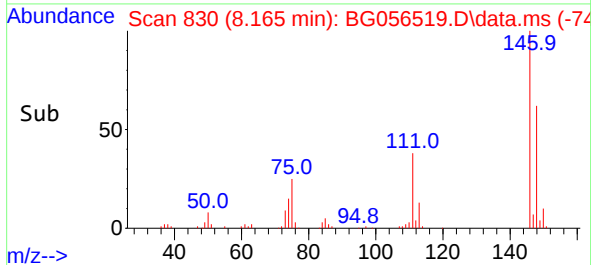
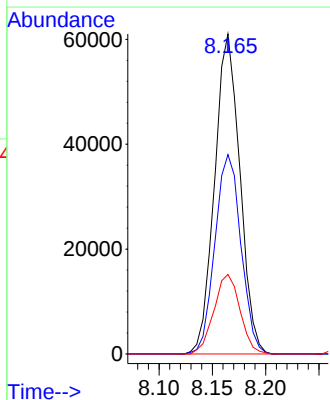
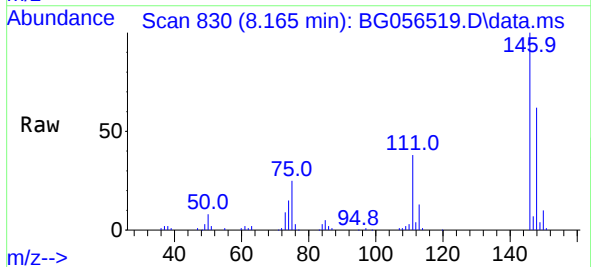
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

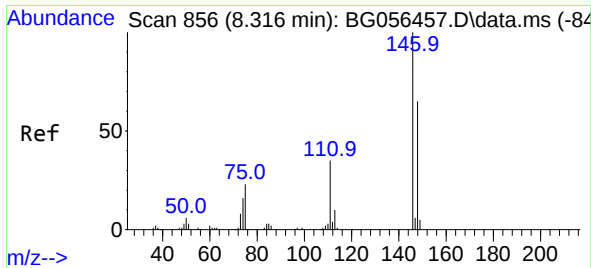
Supervised By :Jagrut
Upadhyay
02/03/2023



#12
1,3-Dichlorobenzene
Concen: 48.967 ng
RT: 8.165 min Scan# 830
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:146 Resp: 100560
Ion Ratio Lower Upper
146 100
148 62.3 50.6 75.8
75 24.8 19.6 29.4





#13
1,4-Dichlorobenzene
Concen: 49.340 ng
RT: 8.312 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

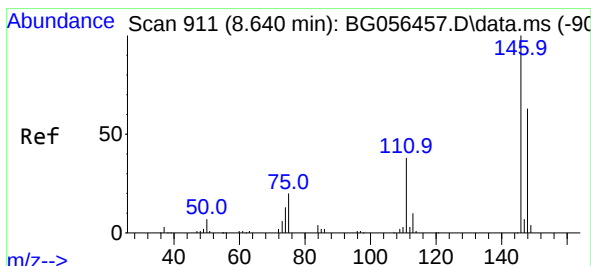
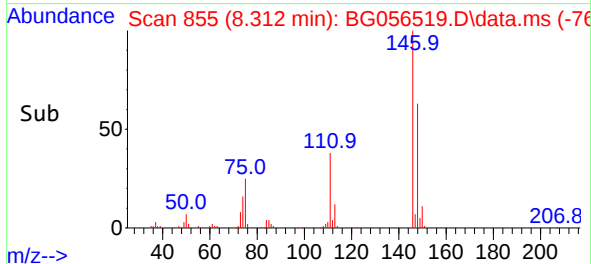
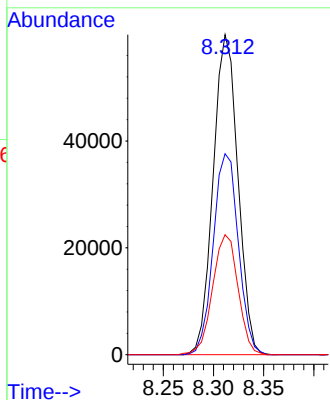
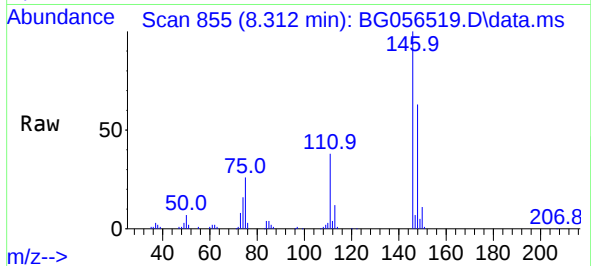
PB150385BS

Tgt Ion:146 Resp: 10261
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.6
111 37.5 28.6 42.8

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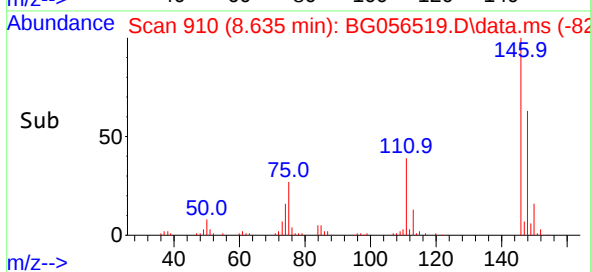
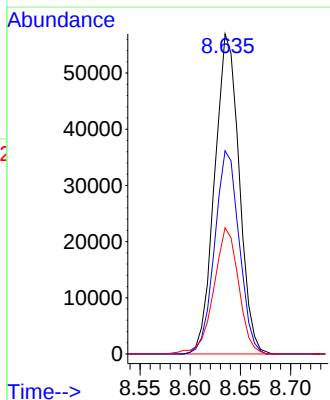
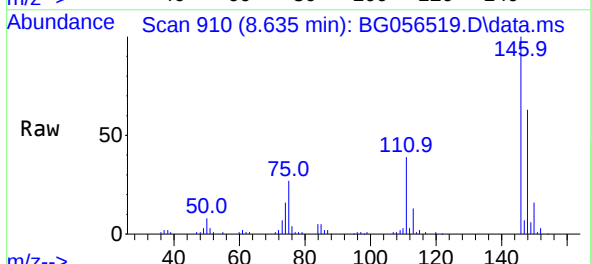
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

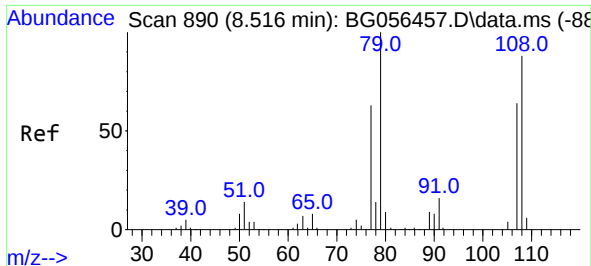
Supervised By :Jagrut
Upadhyay
02/03/2023



#14
1,2-Dichlorobenzene
Concen: 47.967 ng
RT: 8.635 min Scan# 910
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:146 Resp: 96788
Ion Ratio Lower Upper
146 100
148 63.5 50.1 75.1
111 39.5 30.9 46.3





#15
Benzyl Alcohol
Concen: 45.751 ng
RT: 8.511 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

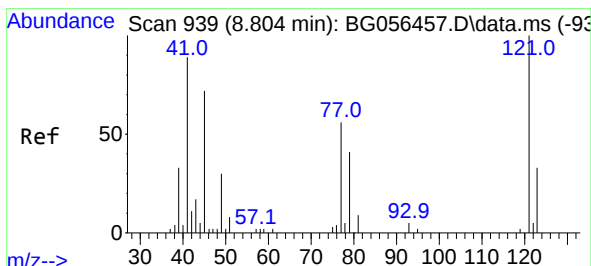
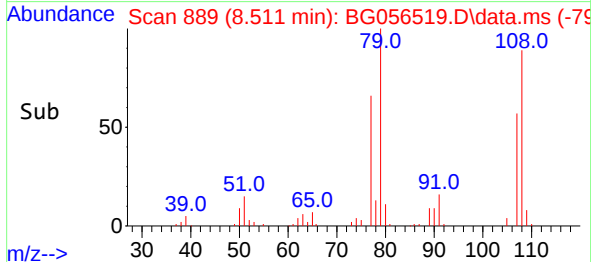
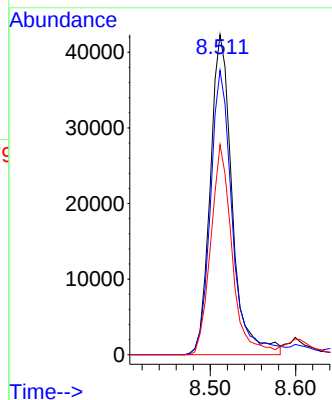
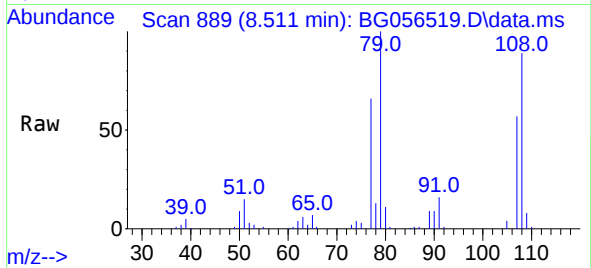
PB150385BS

Tgt Ion: 79 Resp: 75514
Ion Ratio Lower Upper
79 100
108 88.8 70.1 105.1
77 65.7 50.3 75.5

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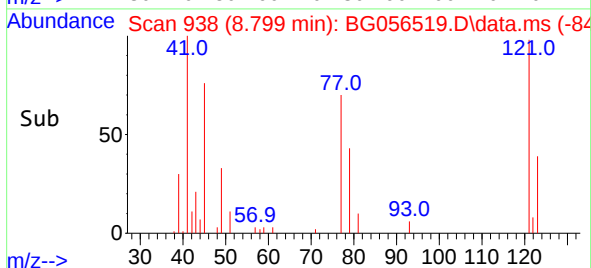
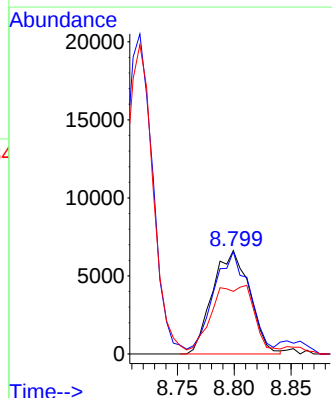
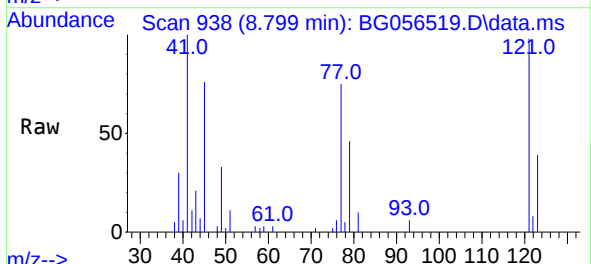
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

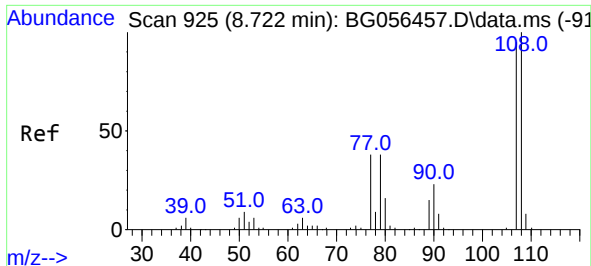
Supervised By :Jagrut
Upadhyay
02/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.312 ng
RT: 8.799 min Scan# 938
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 45 Resp: 15067
Ion Ratio Lower Upper
45 100
77 99.1 62.1 102.1
79 60.6 42.7 82.7





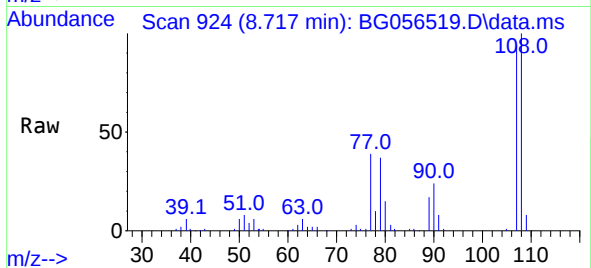
#17
2-Methylphenol
Concen: 45.130 ng
RT: 8.717 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

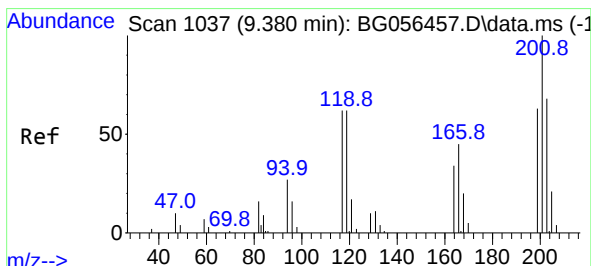
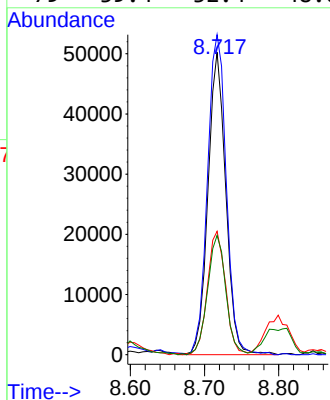
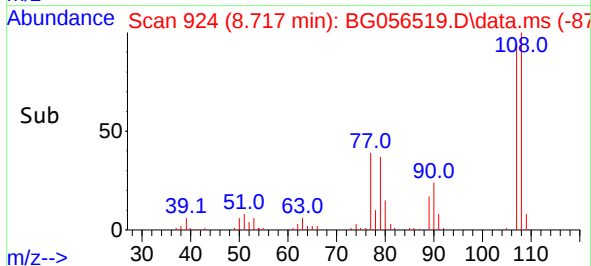


Tgt Ion:107 Resp: 8394
Ion Ratio Lower Upper
107 100
108 105.8 83.9 125.9
77 40.8 31.6 47.4
79 39.4 32.4 48.6

Manual Integrations
APPROVED

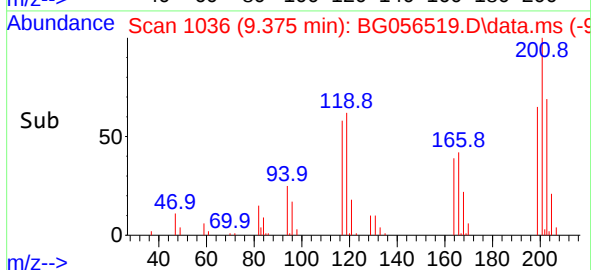
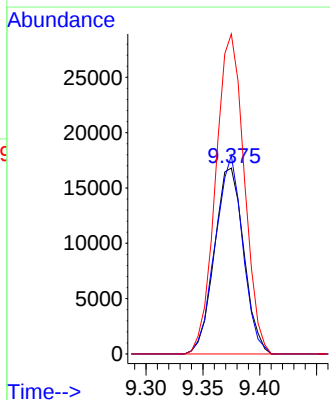
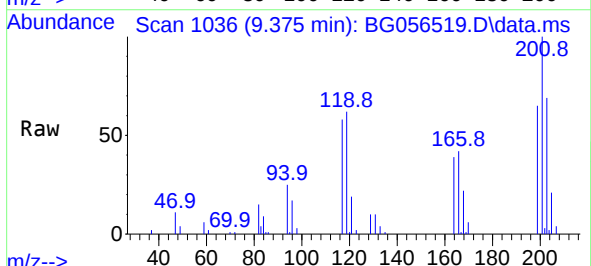
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

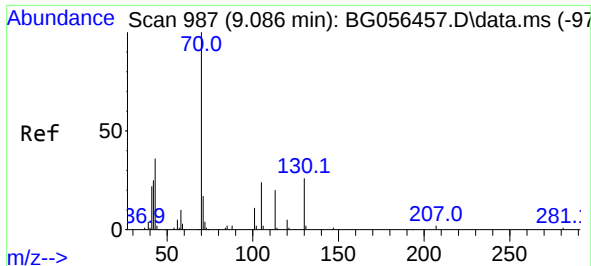
Supervised By :Jagrut
Upadhyay
02/03/2023



#18
Hexachloroethane
Concen: 47.977 ng
RT: 9.375 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:117 Resp: 30179
Ion Ratio Lower Upper
117 100
119 106.7 79.4 119.0
201 172.1 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.240 ng
RT: 9.081 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

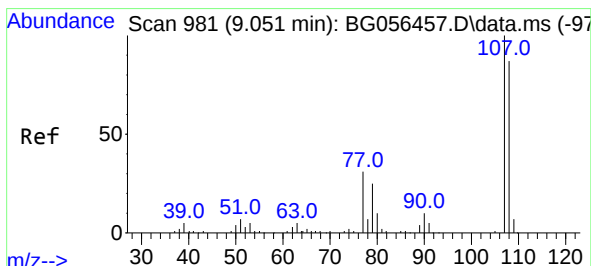
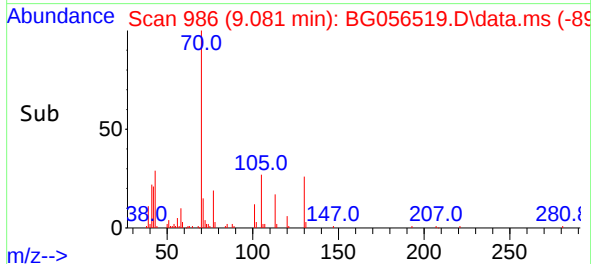
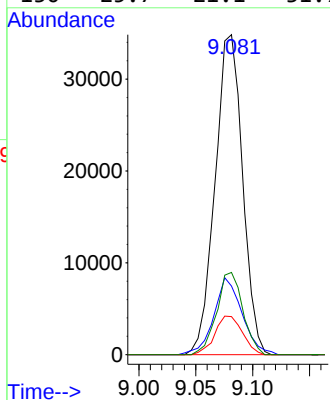
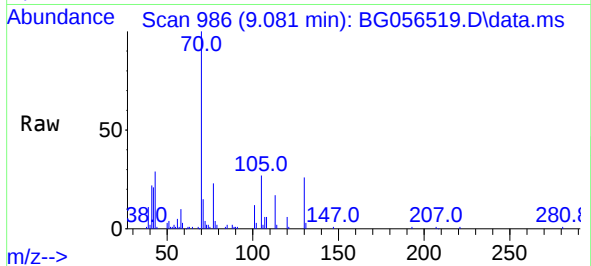
PB150385BS

Tgt Ion: 70 Resp: 58560
Ion Ratio Lower Upper
70 100
42 21.4 20.2 30.4
101 11.9 9.1 13.7
130 25.7 21.1 31.7

Manual Integrations
APPROVED

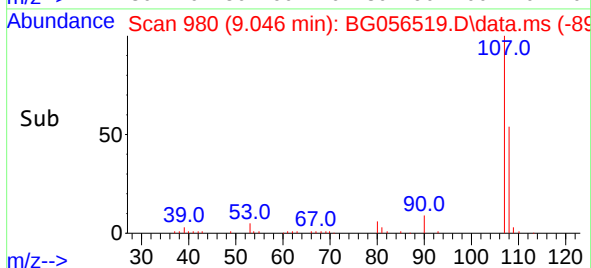
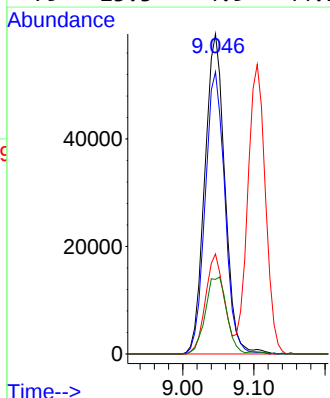
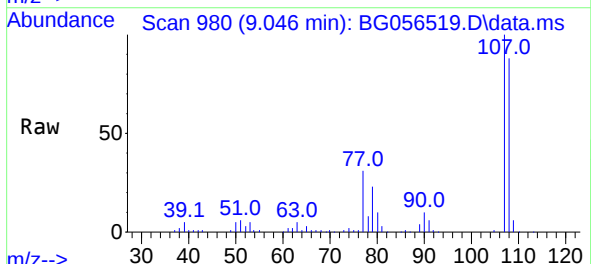
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

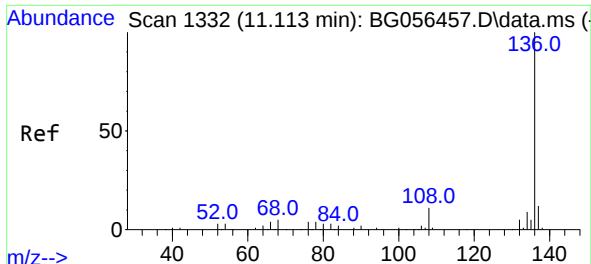
Supervised By :Jagrut
Upadhyay
02/03/2023



#20
3+4-Methylphenols
Concen: 44.889 ng
RT: 9.046 min Scan# 980
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:107 Resp: 117018
Ion Ratio Lower Upper
107 100
108 88.2 66.7 106.7
77 31.3 10.6 50.6
79 23.3 4.9 44.9





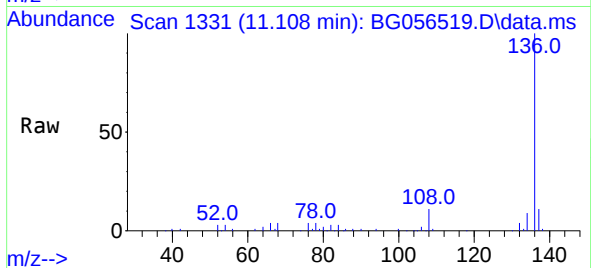
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1110
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

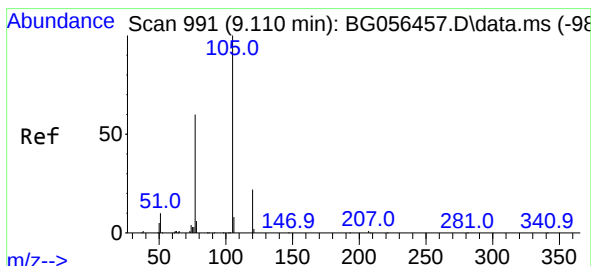
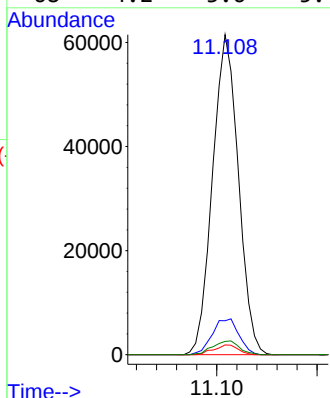


Tgt Ion:136 Resp: 10982
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.0
54 3.0 2.2 3.4
68 4.2 3.6 5.4

Manual Integrations
APPROVED

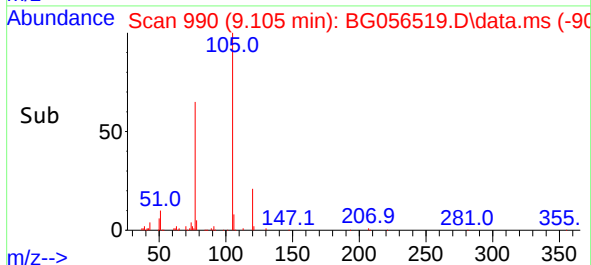
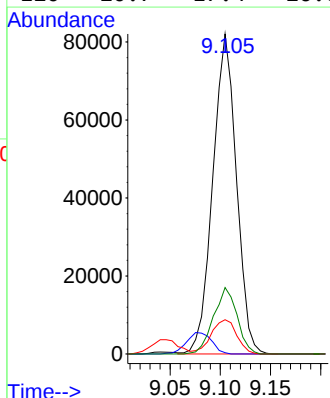
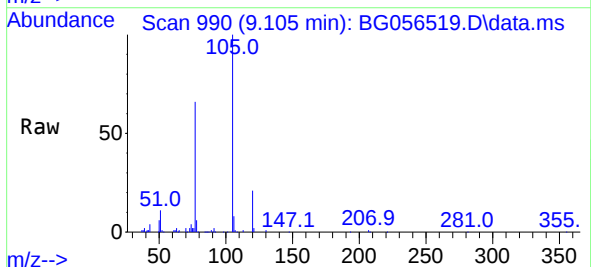
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

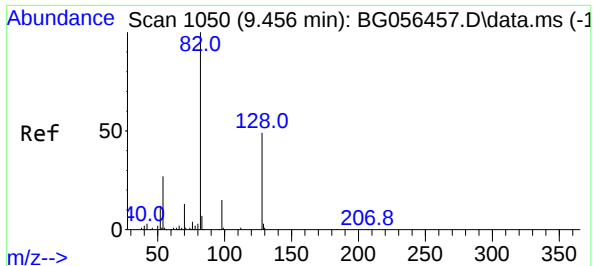
Supervised By :Jagrut
Upadhyay
02/03/2023



#22
Acetophenone
Concen: 45.961 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:105 Resp: 134118
Ion Ratio Lower Upper
105 100
71 0.4 0.6 0.8#
51 10.7 9.2 13.8
120 20.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 73.680 ng

RT: 9.451 min Scan# 1049

Delta R.T. -0.005 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

Tgt Ion: 82 Resp: 14250

Ion Ratio Lower Upper

82 100

128 43.8 39.4 59.2

54 25.6 21.4 32.2

Manual Integrations

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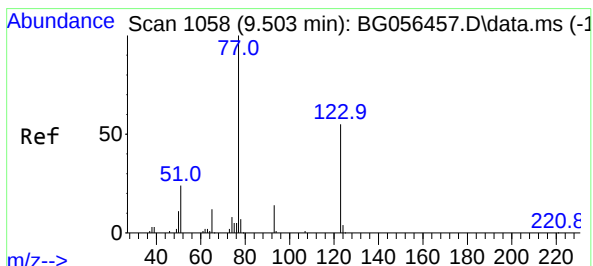
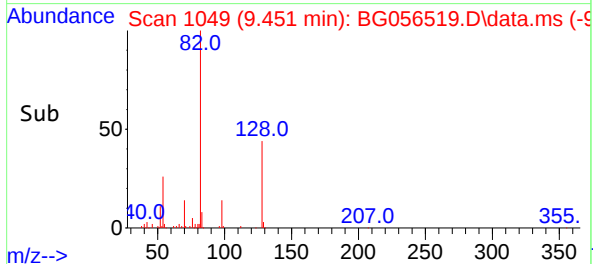
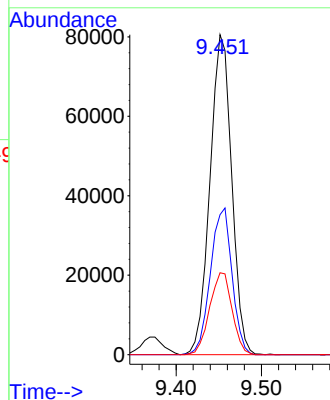
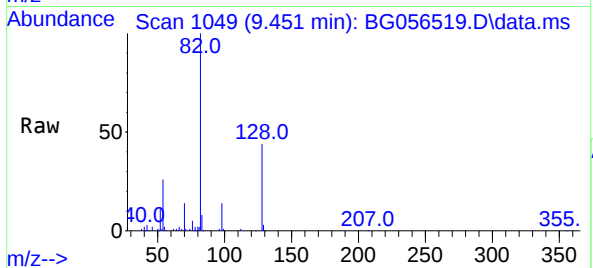
Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023

Supervised By :Jagrut

Upadhyay

02/03/2023



#24

Nitrobenzene

Concen: 48.613 ng

RT: 9.498 min Scan# 1057

Delta R.T. 0.001 min

Lab File: BG056519.D

Acq: 2 Feb 2023 18:12

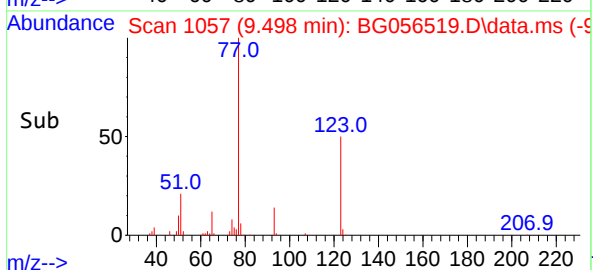
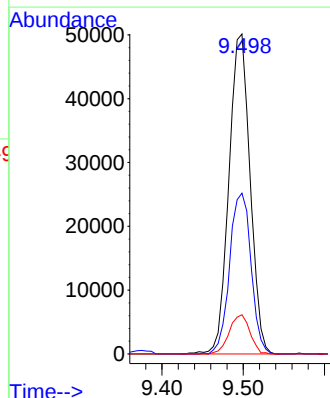
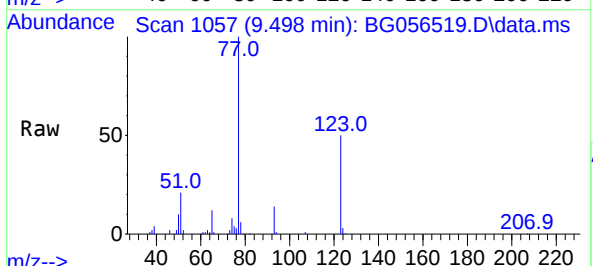
Tgt Ion: 77 Resp: 90691

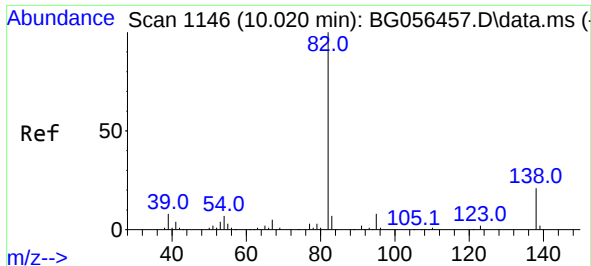
Ion Ratio Lower Upper

77 100

123 50.3 44.0 66.0

65 12.2 9.7 14.5





#25
Isophorone
Concen: 43.820 ng
RT: 10.015 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

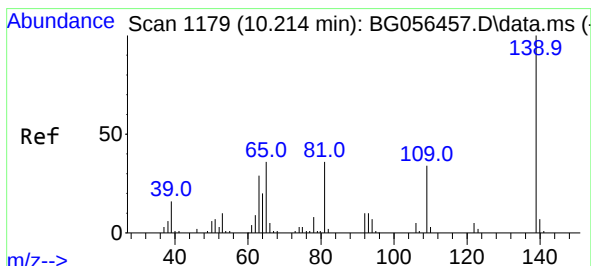
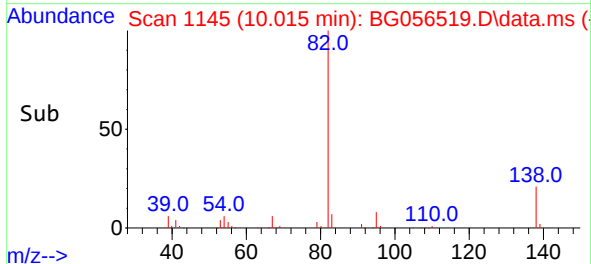
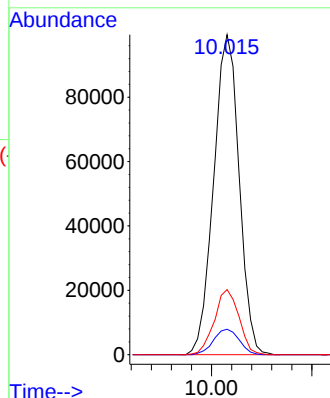
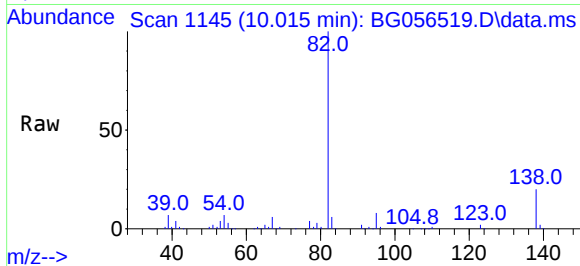
Instrument :
BNA_G
ClientSampleId :
PB150385BS

Tgt Ion: 82 Resp: 17484
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 20.3 16.6 25.0

Manual Integrations
APPROVED

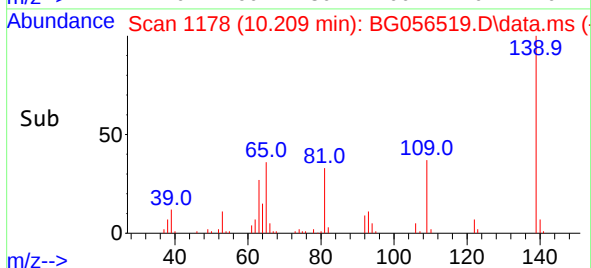
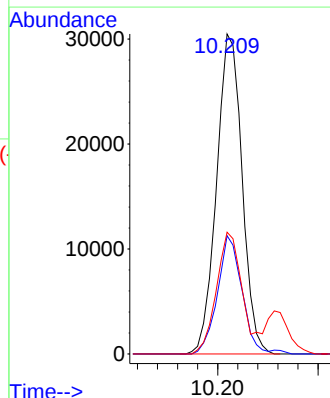
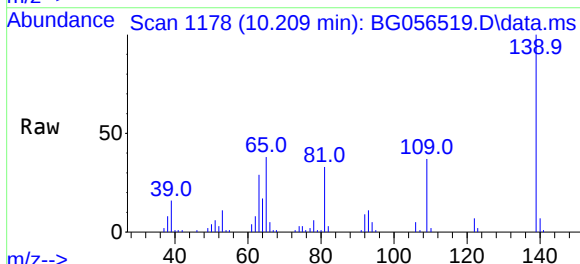
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

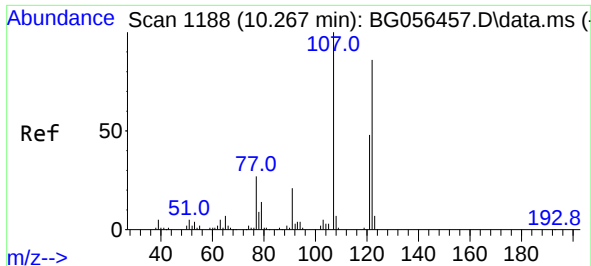
Supervised By :Jagrut
Upadhyay
02/03/2023



#26
2-Nitrophenol
Concen: 47.490 ng
RT: 10.209 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:139 Resp: 53754
Ion Ratio Lower Upper
139 100
109 37.0 26.9 40.3
65 38.1 29.0 43.4





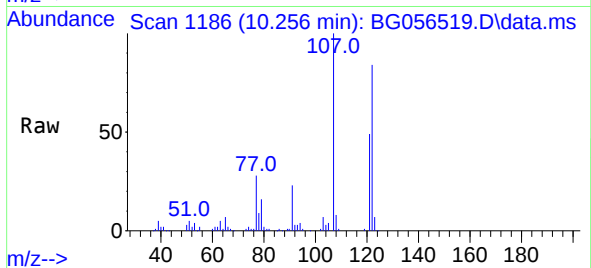
#27
2,4-Dimethylphenol
Concen: 50.843 ng m
RT: 10.256 min Scan# 1186
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



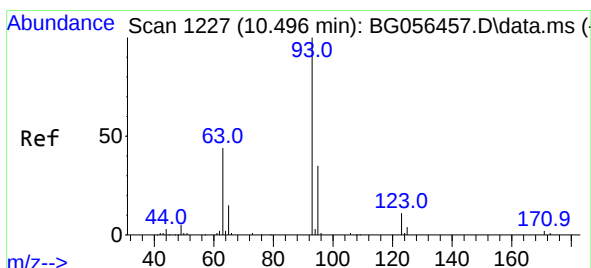
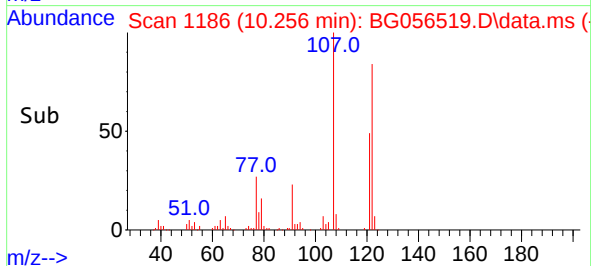
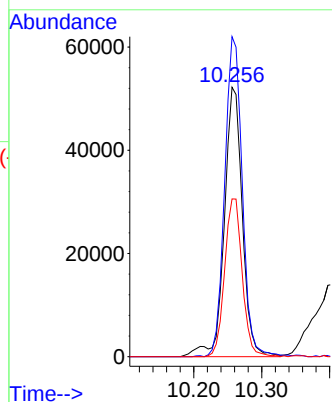
Tgt Ion:122 Resp: 9631
Ion Ratio Lower Upper
122 100
107 118.8 92.9 139.3
121 58.5 45.0 67.4

Manual Integrations

APPROVED

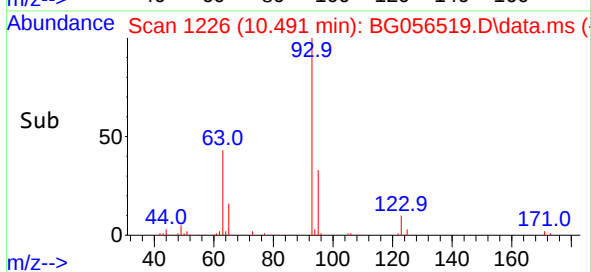
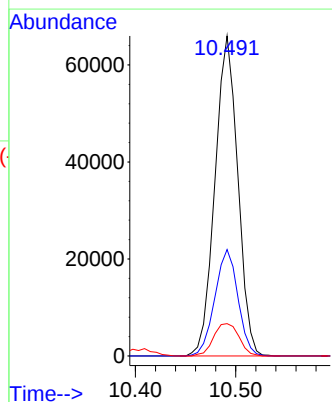
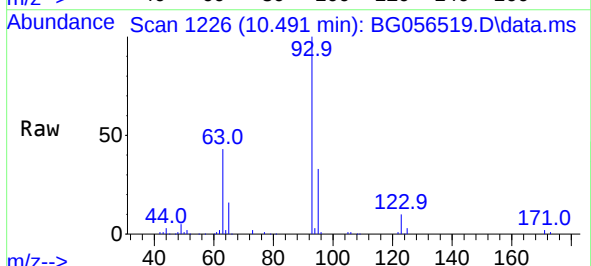
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

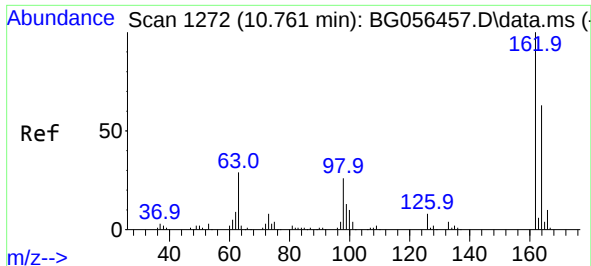
Supervised By :Jagrut
Upadhyay
02/03/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.257 ng
RT: 10.491 min Scan# 1226
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion: 93 Resp: 104165
Ion Ratio Lower Upper
93 100
95 33.2 27.9 41.9
123 10.1 8.6 12.8





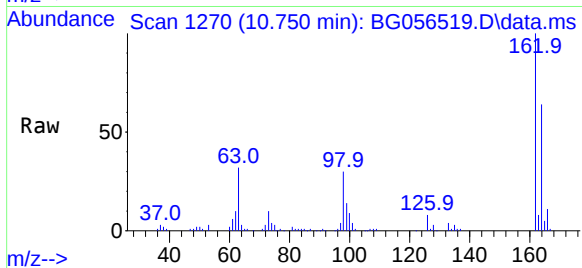
#29
2,4-Dichlorophenol
Concen: 51.174 ng
RT: 10.750 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

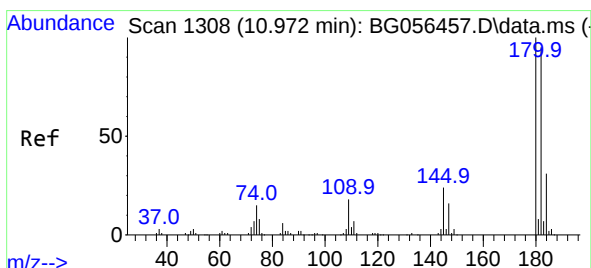
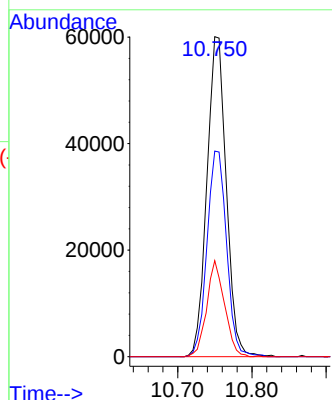


Tgt Ion:162 Resp: 10911
Ion Ratio Lower Upper
162 100
164 64.3 42.8 82.8
98 30.0 6.5 46.5

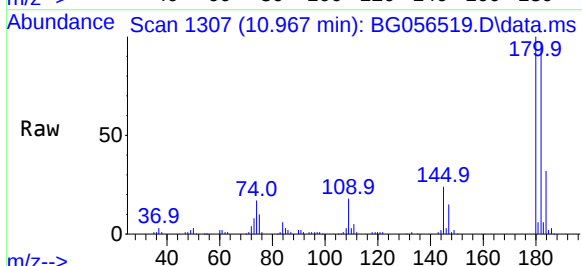
Manual Integrations
APPROVED

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

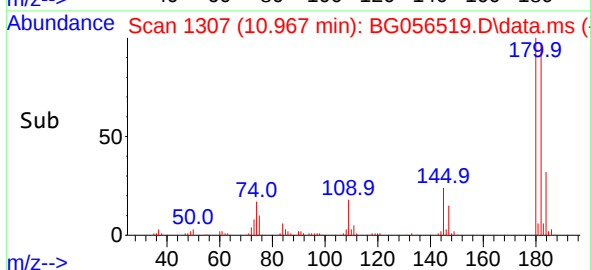
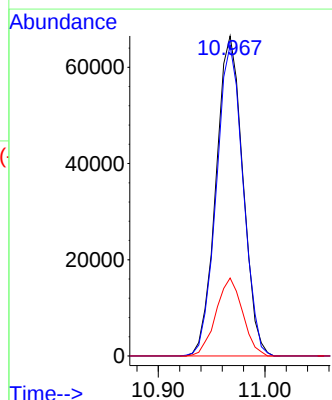
Supervised By :Jagrut
Upadhyay
02/03/2023

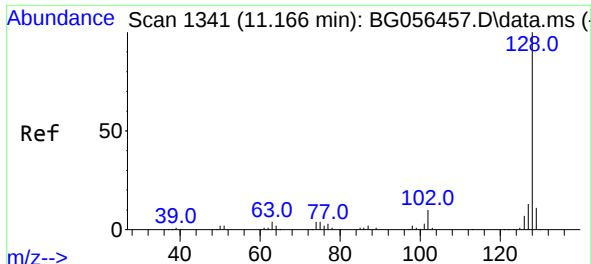


#30
1,2,4-Trichlorobenzene
Concen: 49.055 ng
RT: 10.967 min Scan# 1307
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:180 Resp: 116237
Ion Ratio Lower Upper
180 100
182 97.1 75.9 113.9
145 24.3 19.4 29.0





#31
Naphthalene
Concen: 46.146 ng
RT: 11.161 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

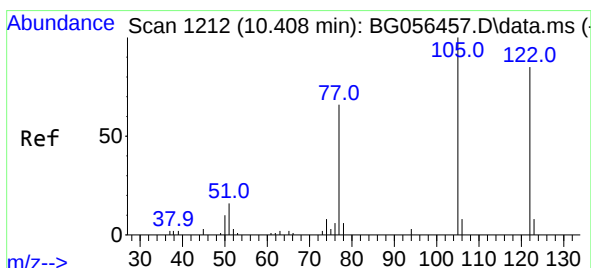
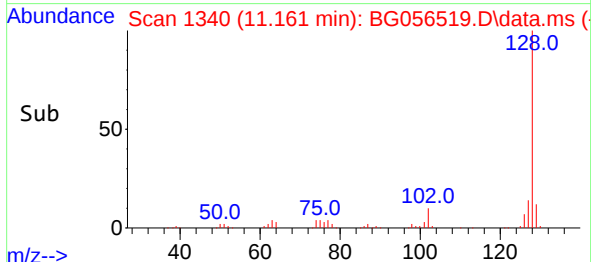
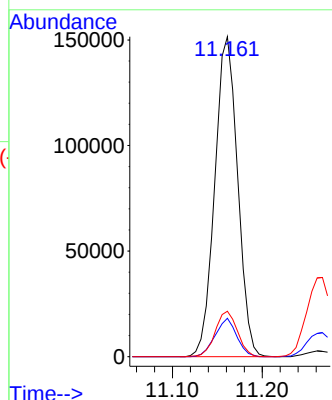
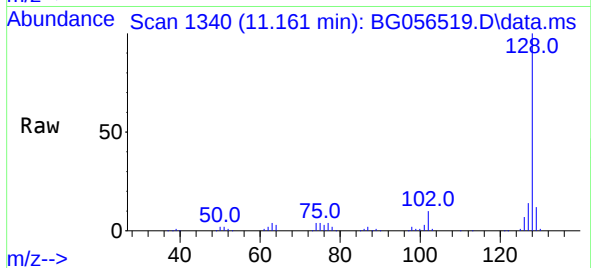
PB150385BS

Tgt Ion:128 Resp: 26749
Ion Ratio Lower Upper
128 100
129 12.0 8.7 13.1
127 14.2 10.4 15.6

Manual Integrations
APPROVED

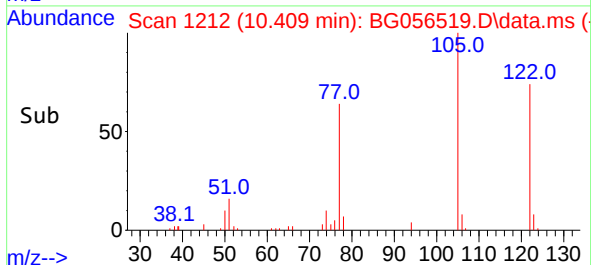
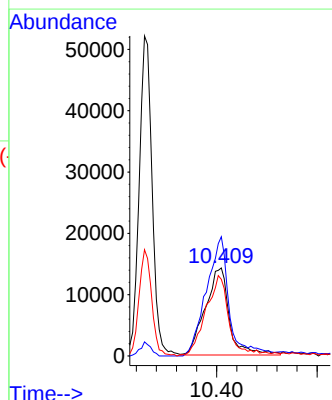
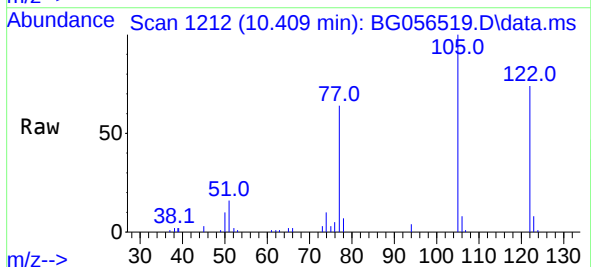
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

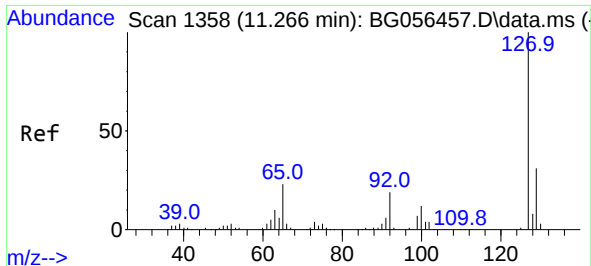
Supervised By :Jagrut
Upadhyay
02/03/2023



#32
Benzoic acid
Concen: 44.713 ng m
RT: 10.409 min Scan# 1212
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:122 Resp: 47388
Ion Ratio Lower Upper
122 100
105 135.4 96.5 136.5
77 87.0 57.3 97.3





#33
4-Chloroaniline
Concen: 28.384 ng
RT: 11.267 min Scan# 1126
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

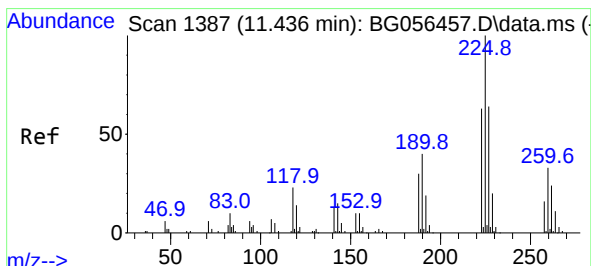
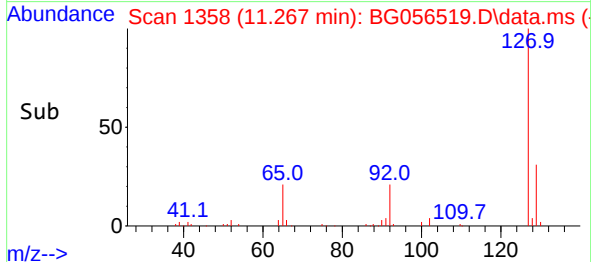
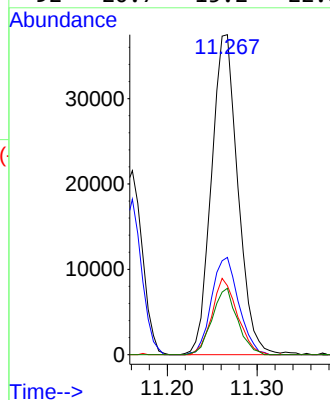
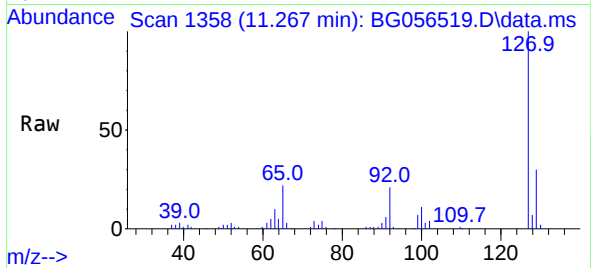
Tgt Ion:	127	Resp:	7680
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.0	37.6
65	21.6	18.5	27.7
92	20.7	15.2	22.8

Manual Integrations

APPROVED

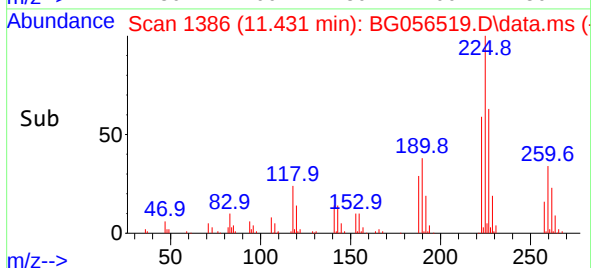
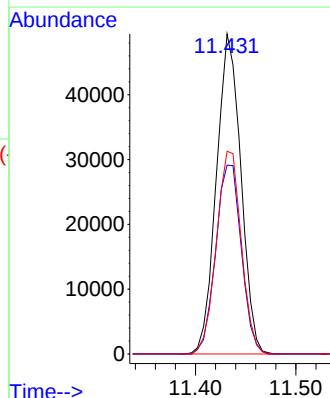
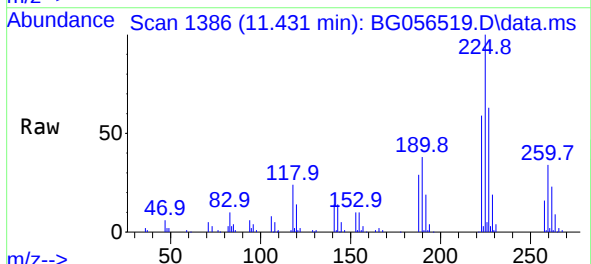
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

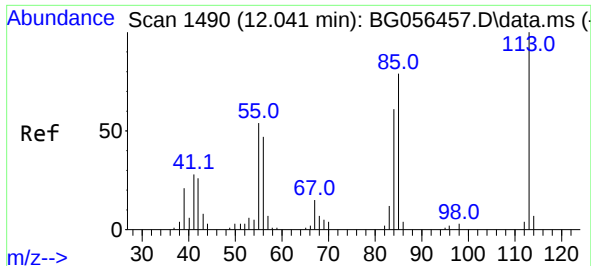
Supervised By :Jagrut
Upadhyay
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#34
Hexachlorobutadiene
Concen: 50.144 ng
RT: 11.431 min Scan# 1386
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:	225	Resp:	83402
Ion	Ratio	Lower	Upper
225	100		
223	59.0	50.6	75.8
227	63.4	53.7	80.5





#35
Caprolactam
Concen: 43.013 ng m
RT: 12.025 min Scan# 14
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

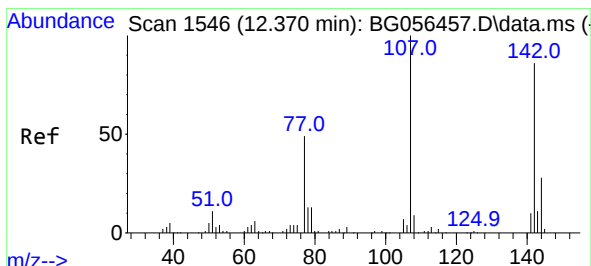
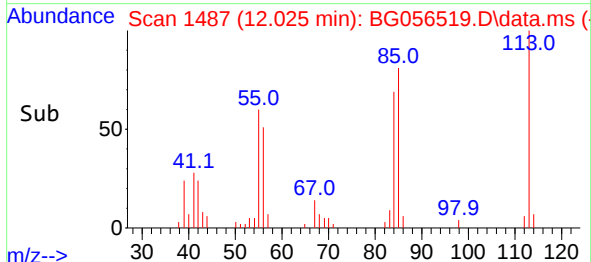
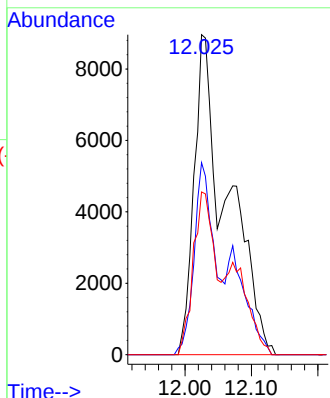
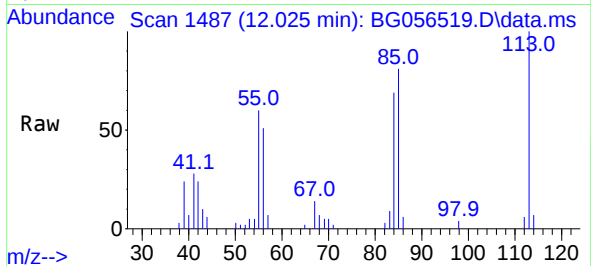
Instrument :
BNA_G
ClientSampleId :
PB150385BS

Tgt Ion:113 Resp: 3093
Ion Ratio Lower Upper
113 100
55 60.0 33.7 73.7
56 50.9 27.1 67.1

Manual Integrations
APPROVED

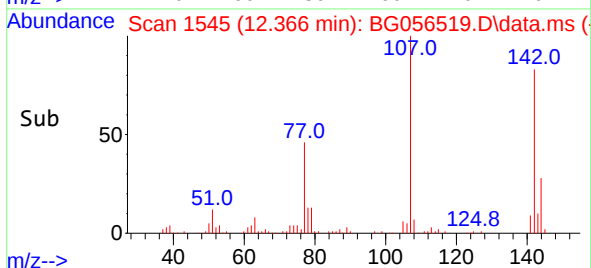
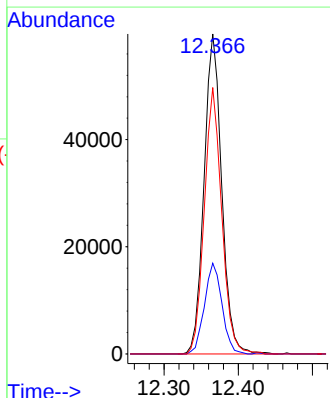
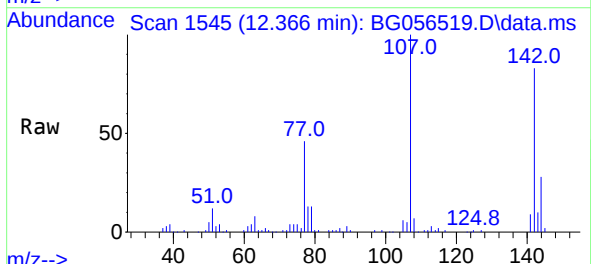
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

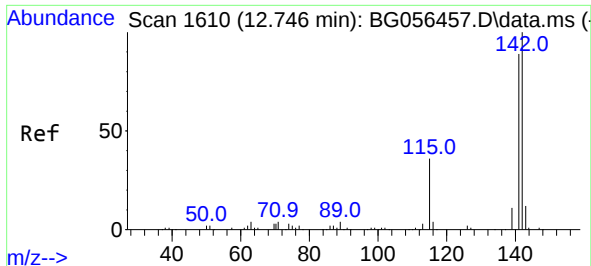
Supervised By :Jagrut
Upadhyay
02/03/2023



#36
4-Chloro-3-methylphenol
Concen: 47.920 ng
RT: 12.366 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:107 Resp: 98677
Ion Ratio Lower Upper
107 100
144 28.4 22.3 33.5
142 83.3 68.9 103.3





#37
2-Methylnaphthalene
Concen: 43.662 ng
RT: 12.742 min Scan# 1609
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

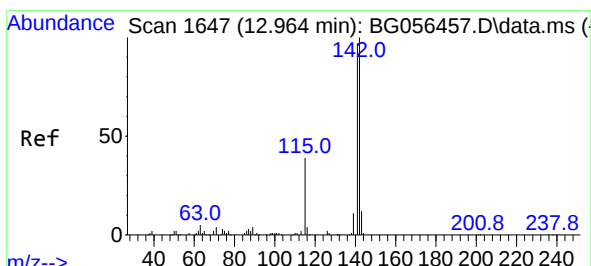
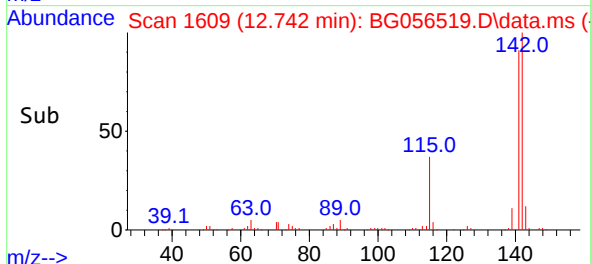
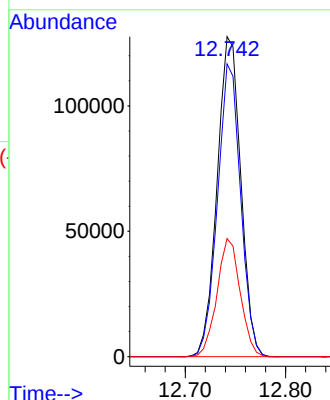
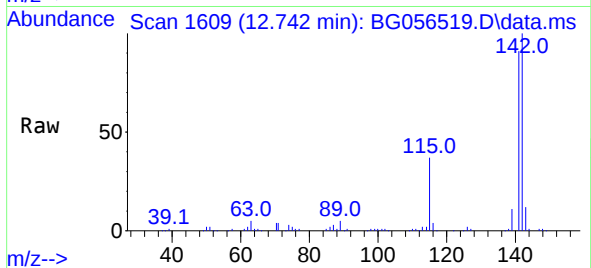
Tgt Ion:142 Resp: 20865
Ion Ratio Lower Upper
142 100
141 91.5 71.4 107.0
115 36.9 28.4 42.6

Manual Integrations

APPROVED

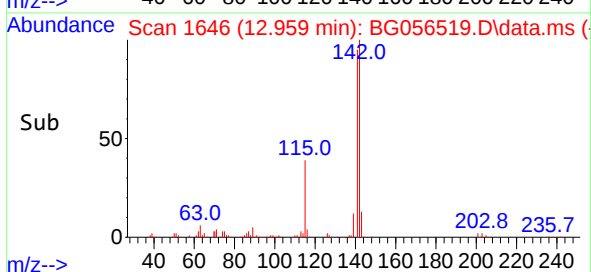
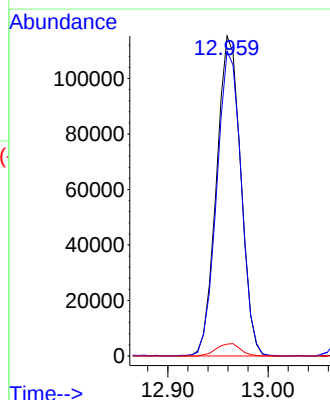
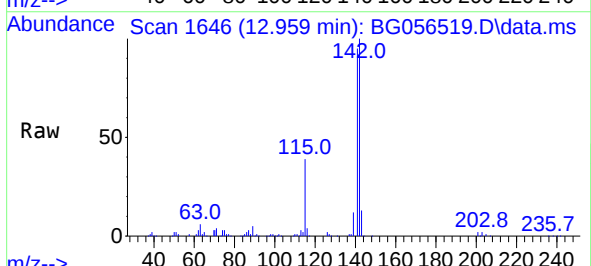
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

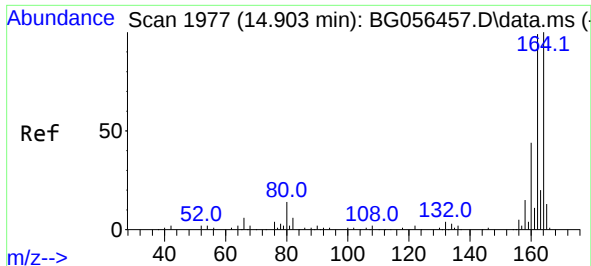
Supervised By :Jagrut
Upadhyay
02/03/2023



#38
1-Methylnaphthalene
Concen: 43.318 ng
RT: 12.959 min Scan# 1646
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:142 Resp: 193338
Ion Ratio Lower Upper
142 100
141 95.2 77.7 116.5
116 3.7 3.4 5.2





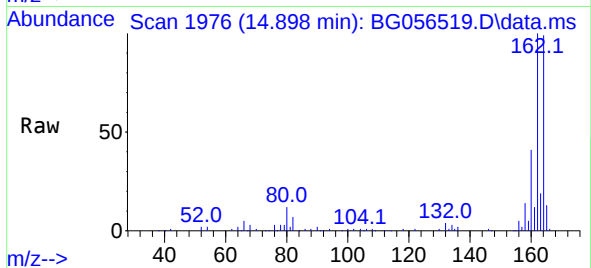
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



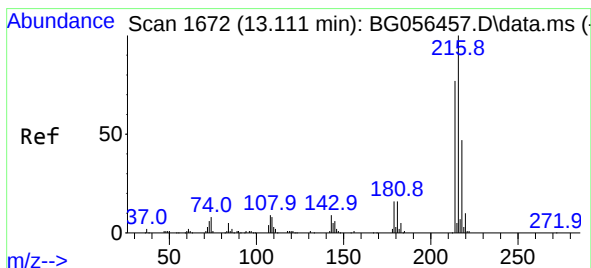
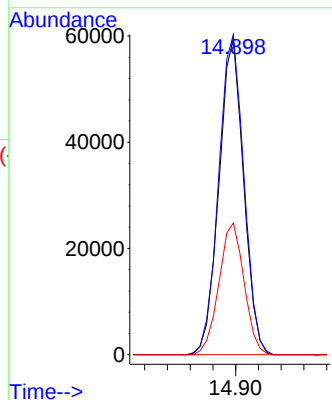
Tgt Ion:164 Resp: 89419
Ion Ratio Lower Upper
164 100
162 101.1 79.6 119.4
160 41.6 34.9 52.3

Manual Integrations

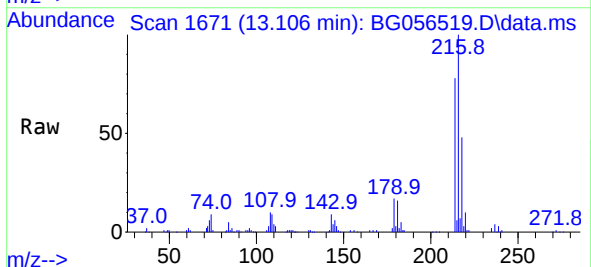
APPROVED

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

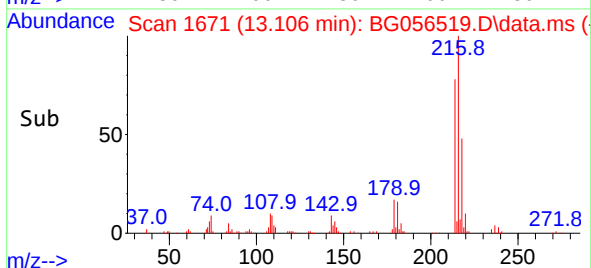
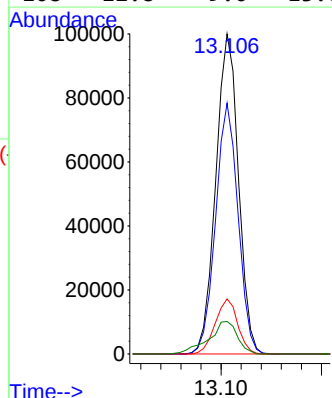
Supervised By :Jagrut
Upadhyay
02/03/2023

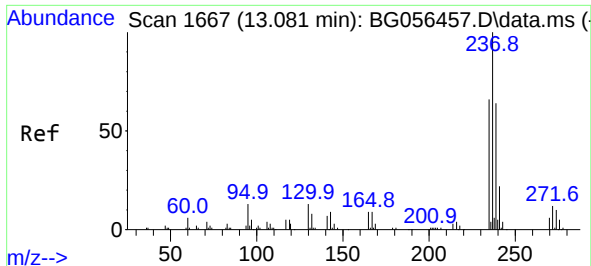


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.951 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:216 Resp: 156646
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.6
179 17.0 14.1 21.1
108 12.8 9.0 13.6





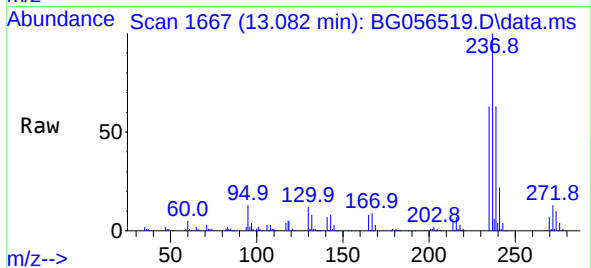
#41
Hexachlorocyclopentadiene
Concen: 108.215 ng
RT: 13.082 min Scan# 1667
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



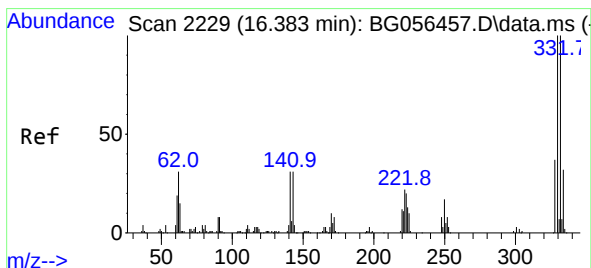
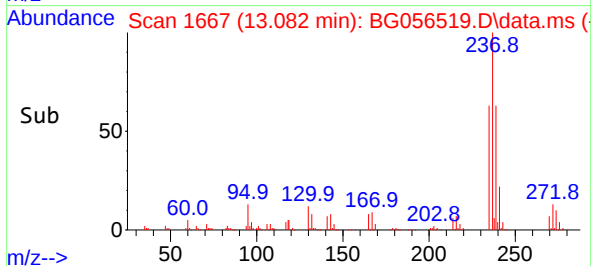
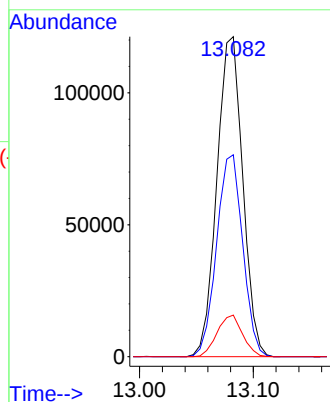
Tgt Ion:237 Resp: 191628
Ion Ratio Lower Upper
237 100
235 63.1 45.6 85.6
272 13.0 0.0 32.3

Manual Integrations

APPROVED

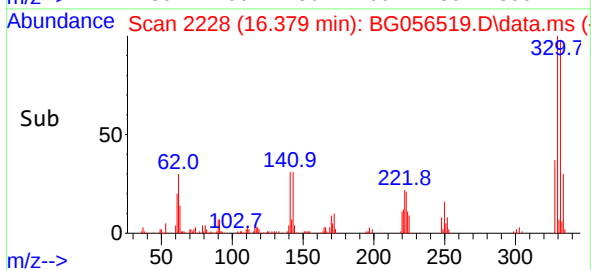
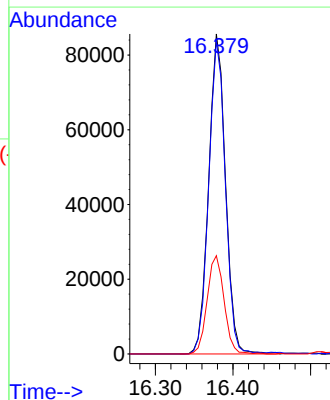
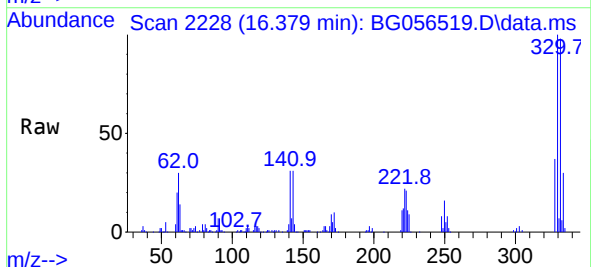
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

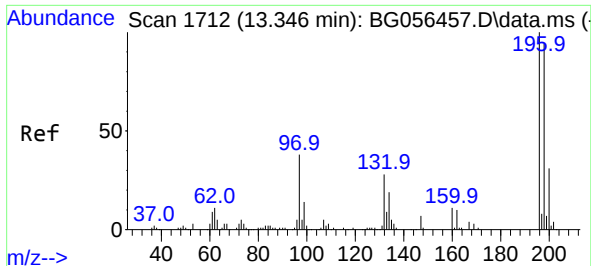
Supervised By :Jagrut
Upadhyay
02/03/2023



#42
2,4,6-Tribromophenol
Concen: 108.662 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:330 Resp: 129174
Ion Ratio Lower Upper
330 100
332 96.5 79.0 118.6
141 30.9 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 50.405 ng
RT: 13.341 min Scan# 1711
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

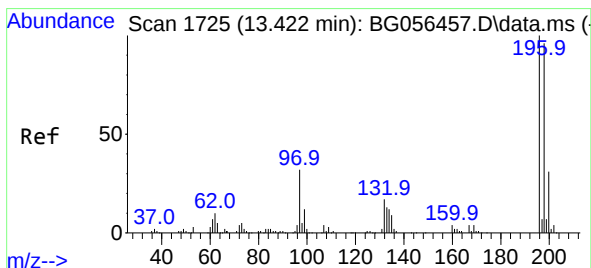
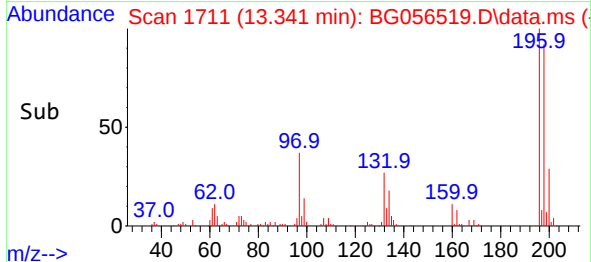
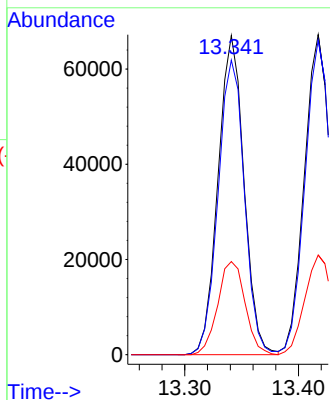
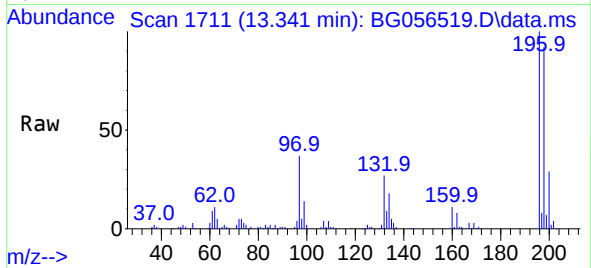
PB150385BS

Tgt Ion:196 Resp: 10611
Ion Ratio Lower Upper
196 100
198 92.3 75.4 113.0
200 29.2 25.0 37.6

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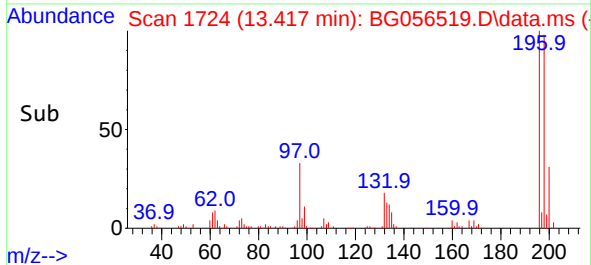
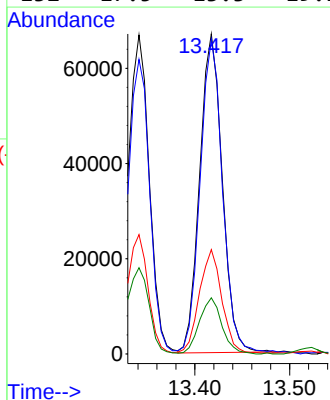
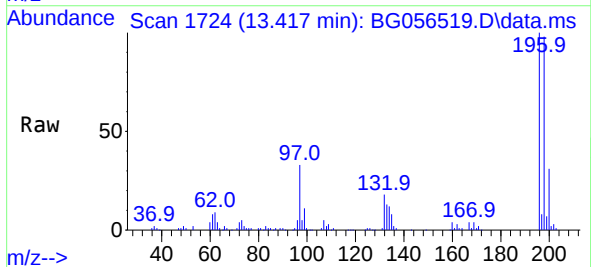
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

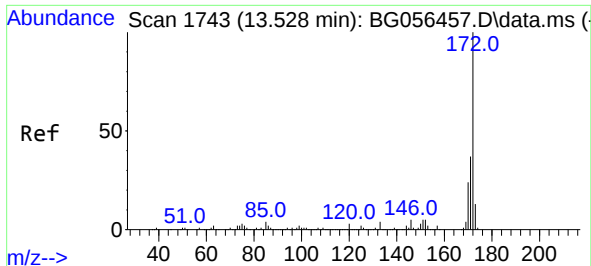
Supervised By :Jagrut
Upadhyay
02/03/2023



#44
2,4,5-Trichlorophenol
Concen: 44.950 ng
RT: 13.417 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

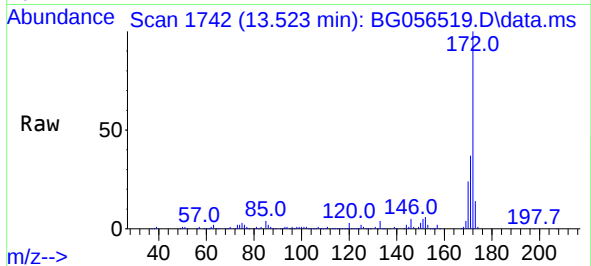
Tgt Ion:196 Resp: 110793
Ion Ratio Lower Upper
196 100
198 98.3 76.9 115.3
97 32.6 25.8 38.6
132 17.5 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 72.295 ng
RT: 13.523 min Scan# 1743
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

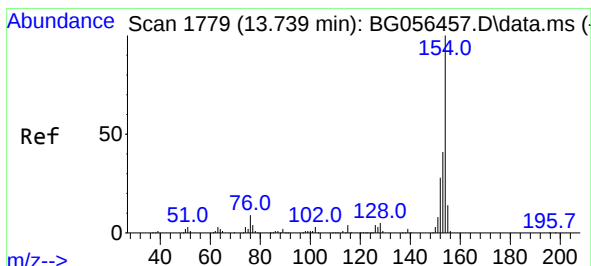
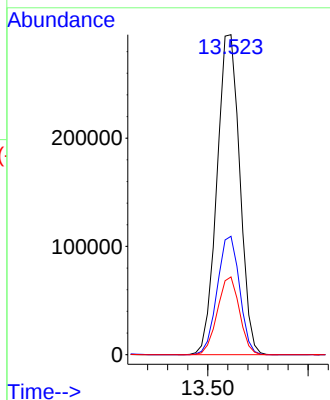
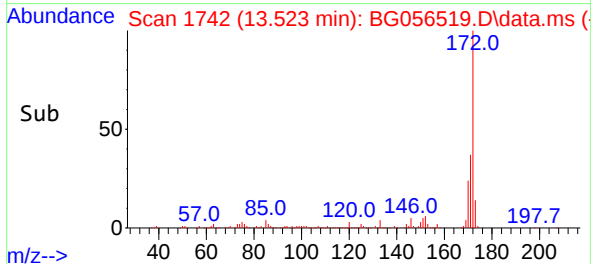


Tgt Ion:172 Resp: 466274
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.3 19.2 28.8

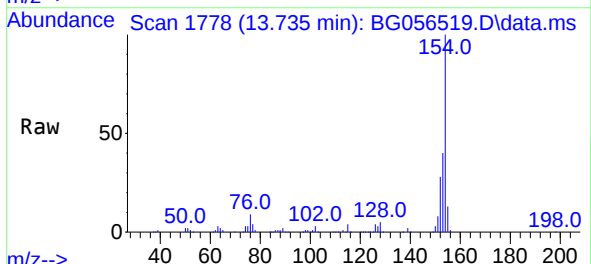
Manual Integrations
APPROVED

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

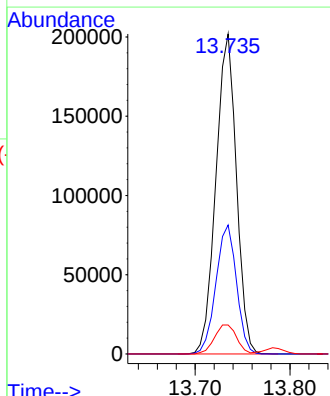
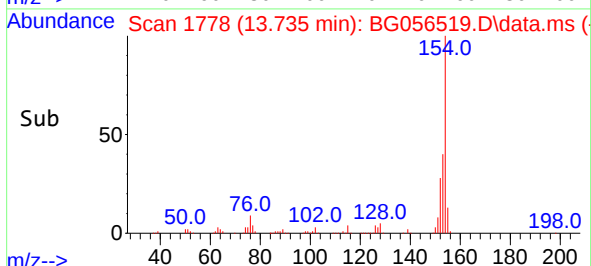
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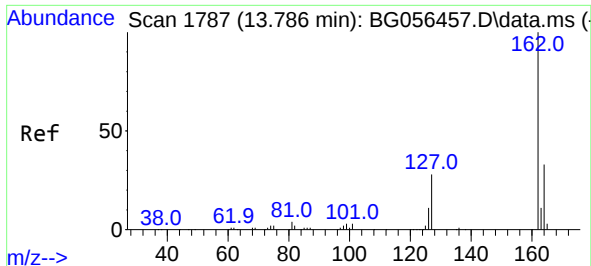


#46
1,1'-Biphenyl
Concen: 46.768 ng
RT: 13.735 min Scan# 1778
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:154 Resp: 303328
Ion Ratio Lower Upper
154 100
153 40.3 21.5 61.5
76 9.1 0.0 28.8





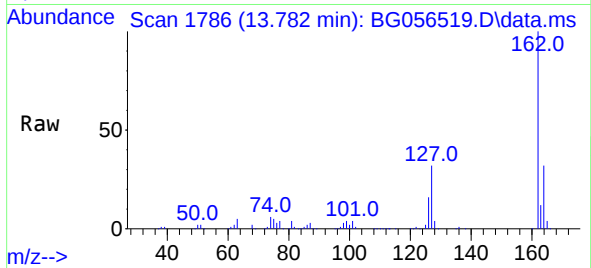
#47
2-Chloronaphthalene
Concen: 47.563 ng
RT: 13.782 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



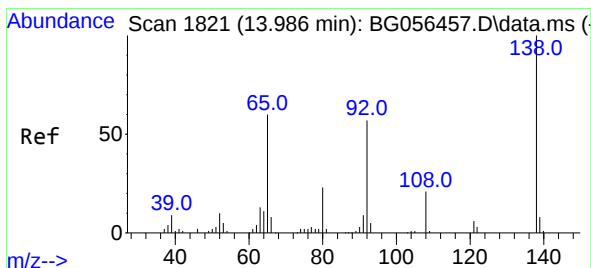
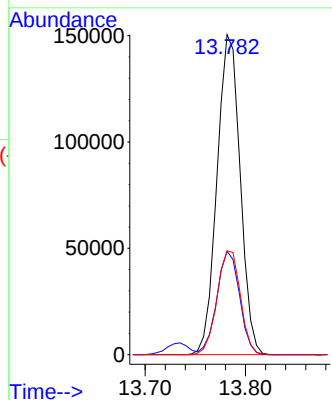
Tgt Ion:162 Resp: 241120
Ion Ratio Lower Upper
162 100
127 32.3 25.2 37.8
164 32.5 26.2 39.2

Manual Integrations

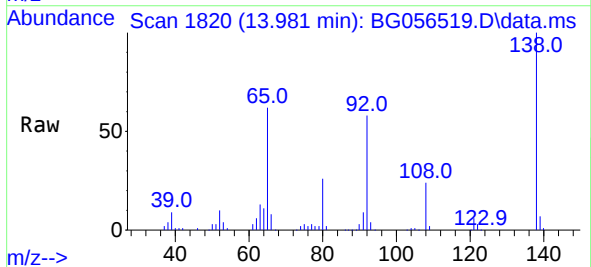
APPROVED

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

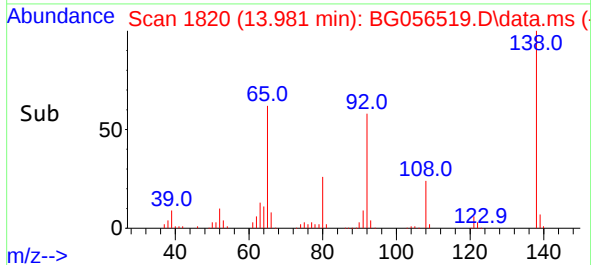
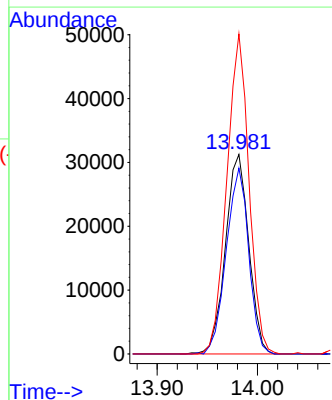
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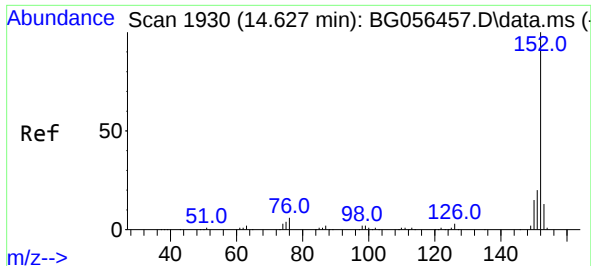


#48
2-Nitroaniline
Concen: 48.082 ng
RT: 13.981 min Scan# 1820
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion: 65 Resp: 50389
Ion Ratio Lower Upper
65 100
92 93.1 75.8 113.6
138 160.4 133.2 199.8





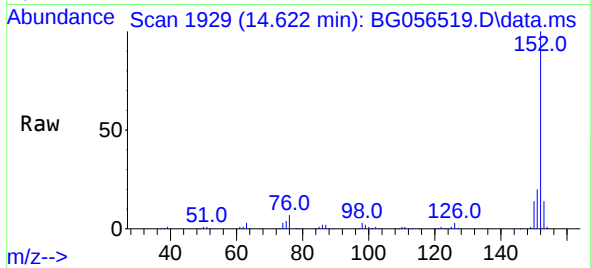
#49
Acenaphthylene
Concen: 45.463 ng
RT: 14.622 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



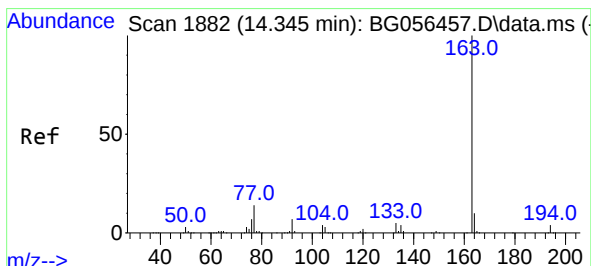
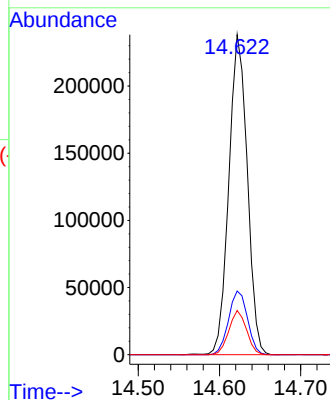
Tgt Ion:152 Resp: 374974
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.8 10.5 15.7

Manual Integrations

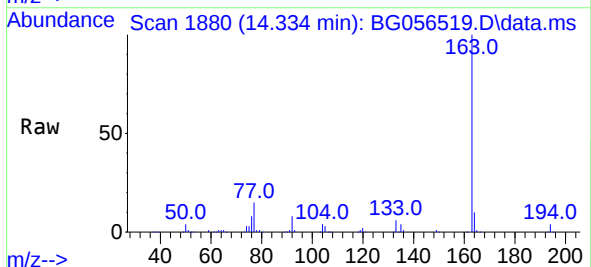
APPROVED

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

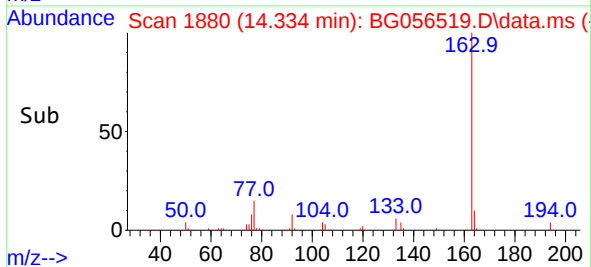
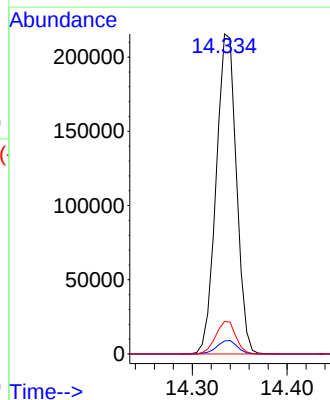
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Upadhyay
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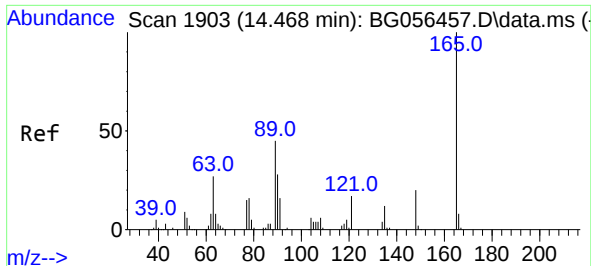


#50
Dimethylphthalate
Concen: 44.208 ng
RT: 14.334 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:163 Resp: 319814
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.876 ng
RT: 14.463 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

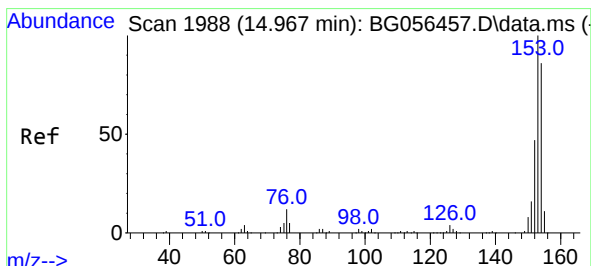
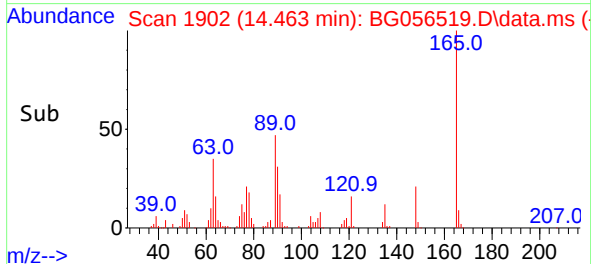
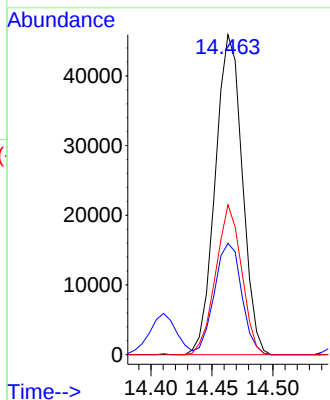
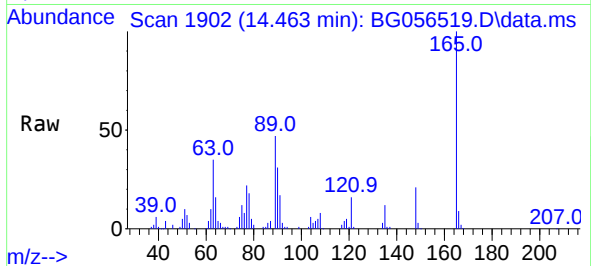
PB150385BS

Tgt Ion:165 Resp: 70798
Ion Ratio Lower Upper
165 100
63 34.8 26.9 40.3
89 46.9 35.6 53.4

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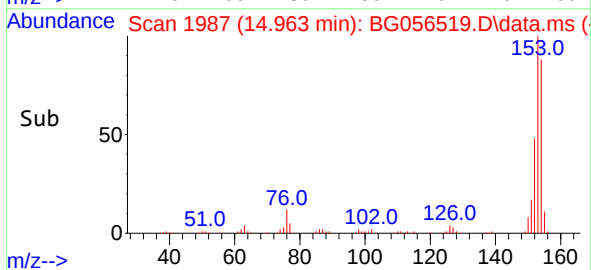
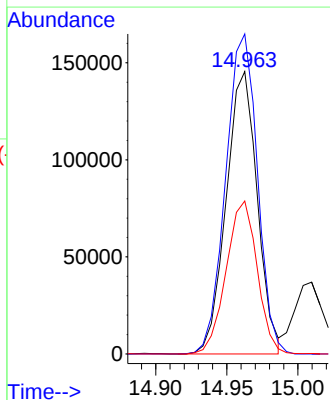
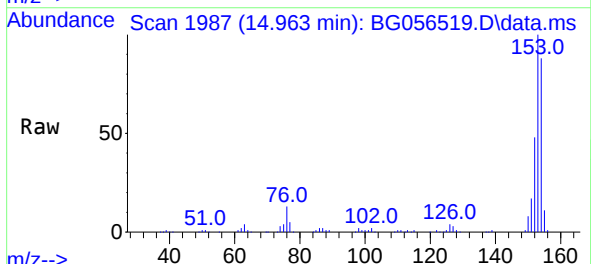
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

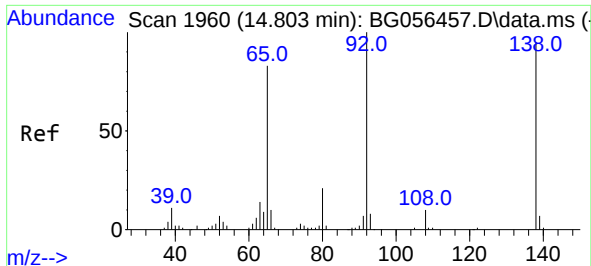
Supervised By :Jagrut
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#52
Acenaphthene
Concen: 45.356 ng
RT: 14.963 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:154 Resp: 221843
Ion Ratio Lower Upper
154 100
153 113.3 93.4 140.0
152 54.2 43.4 65.2





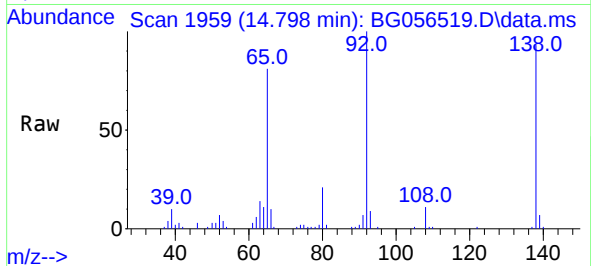
#53
3-Nitroaniline
Concen: 31.371 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

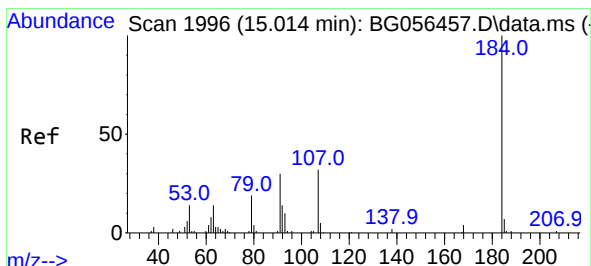
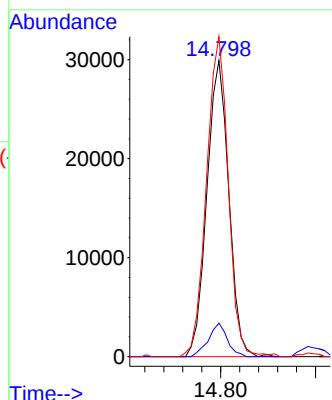


Tgt Ion:138 Resp: 4798
Ion Ratio Lower Upper
138 100
108 11.4 8.0 12.0
92 108.0 84.1 126.1

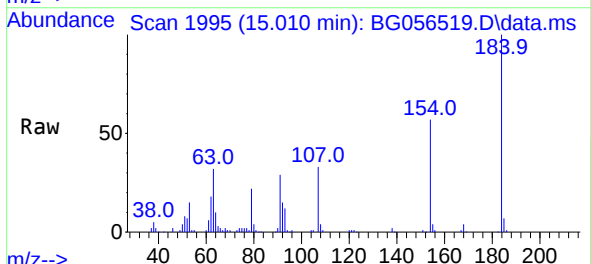
Manual Integrations
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Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

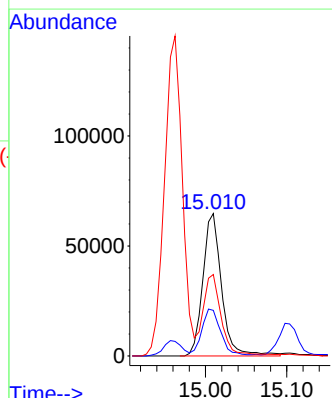
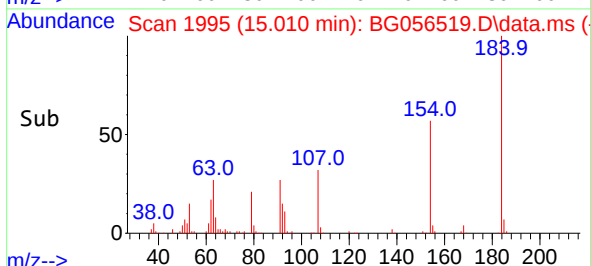
Supervised By :Jagrut
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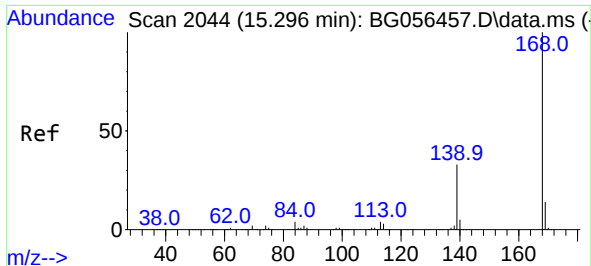


#54
2,4-Dinitrophenol
Concen: 105.066 ng
RT: 15.010 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



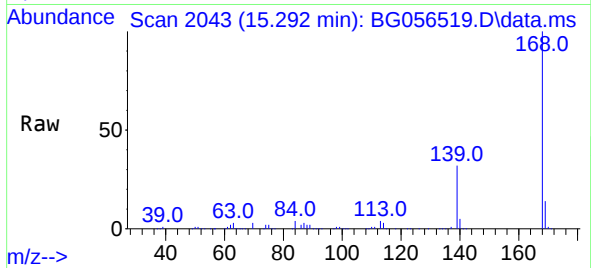
Tgt Ion:184 Resp: 103915
Ion Ratio Lower Upper
184 100
63 32.0 25.1 37.7
154 57.2 44.8 67.2





#55
Dibenzofuran
Concen: 45.060 ng
RT: 15.292 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

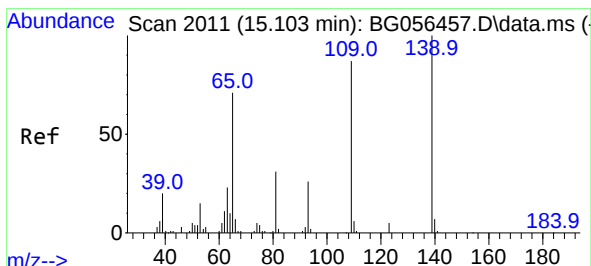
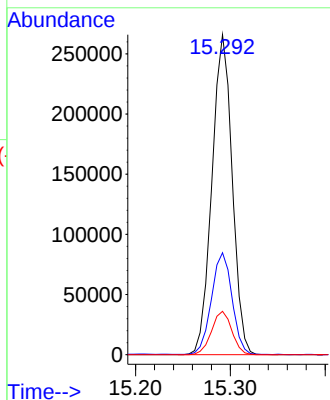
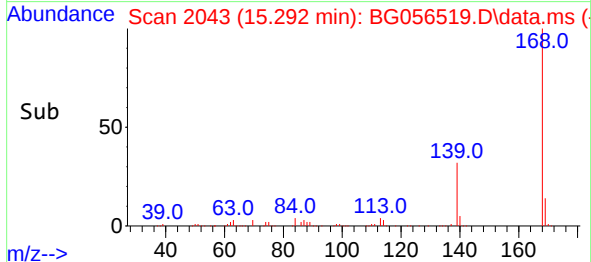


Tgt Ion:168 Resp: 395250
Ion Ratio Lower Upper
168 100
139 31.9 26.2 39.2
169 13.5 11.0 16.6

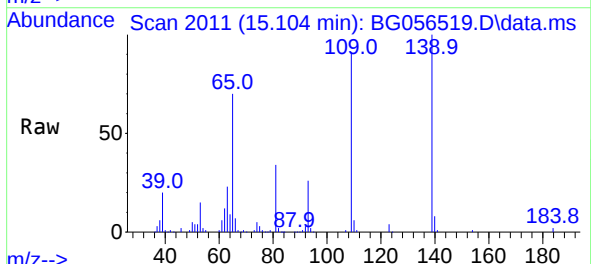
Manual Integrations
APPROVED

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

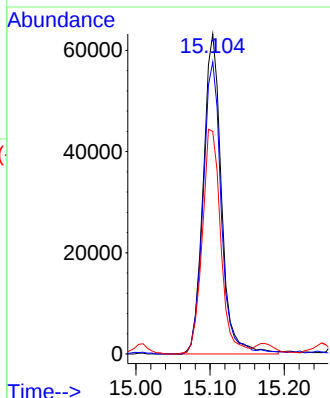
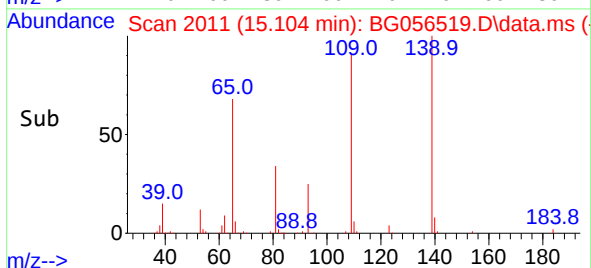
Supervised By :Jagrut
Upadhyay
02/03/2023

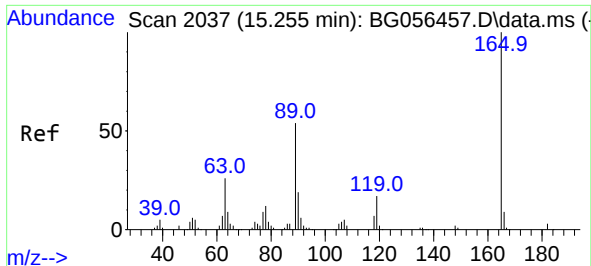


#56
4-Nitrophenol
Concen: 103.165 ng
RT: 15.104 min Scan# 2011
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:139 Resp: 107815
Ion Ratio Lower Upper
139 100
109 91.2 67.5 107.5
65 69.5 50.7 90.7





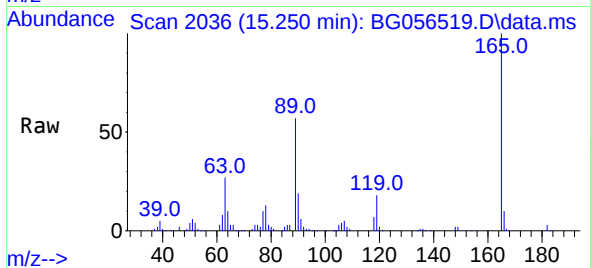
#57
2,4-Dinitrotoluene
Concen: 45.974 ng
RT: 15.250 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

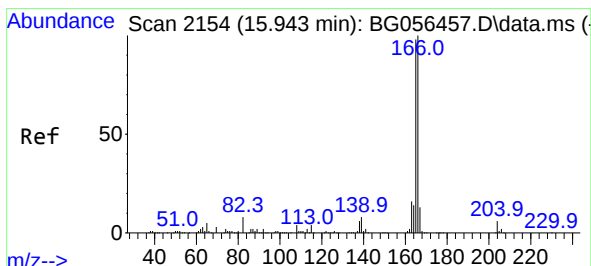
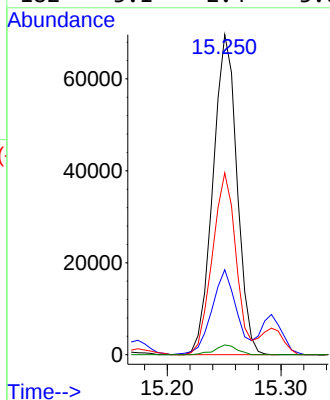
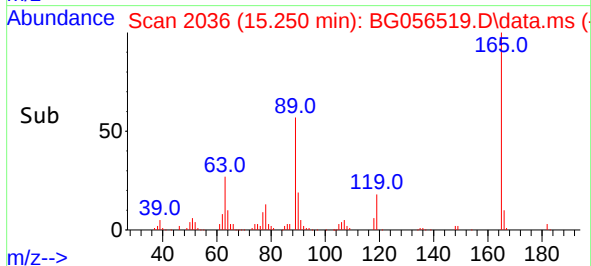


Tgt Ion:165 Resp: 10216
Ion Ratio Lower Upper
165 100
63 26.6 20.6 31.0
89 56.8 43.1 64.7
182 3.1 2.4 3.6

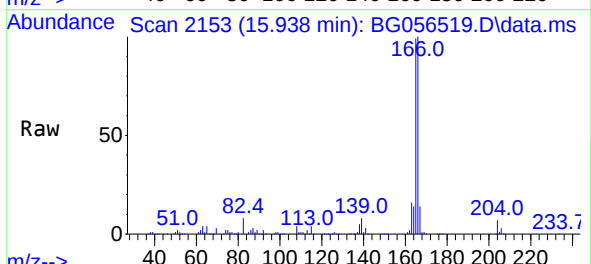
Manual Integrations
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Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

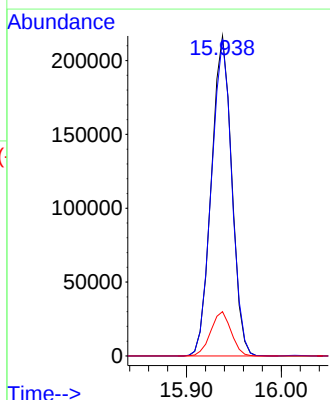
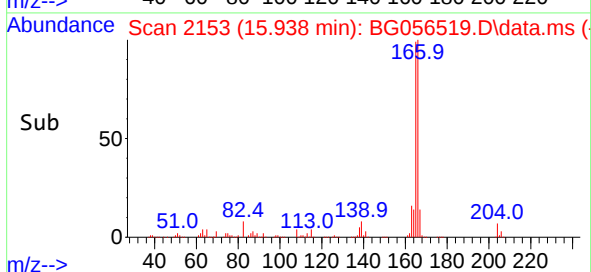
Supervised By :Jagrut
Upadhyay
02/03/2023

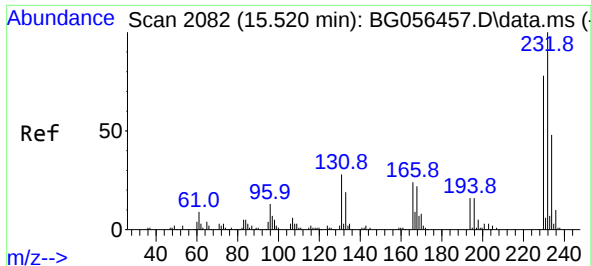


#58
Fluorene
Concen: 46.328 ng
RT: 15.938 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:166 Resp: 323359
Ion Ratio Lower Upper
166 100
165 99.1 78.8 118.2
167 13.9 10.6 15.8





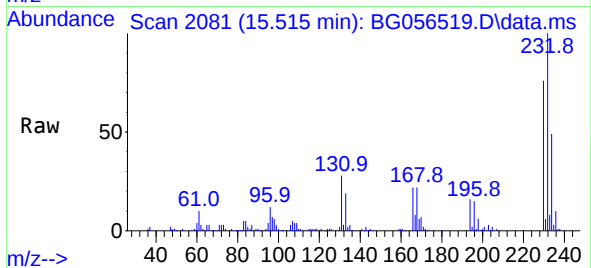
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.153 ng
RT: 15.515 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



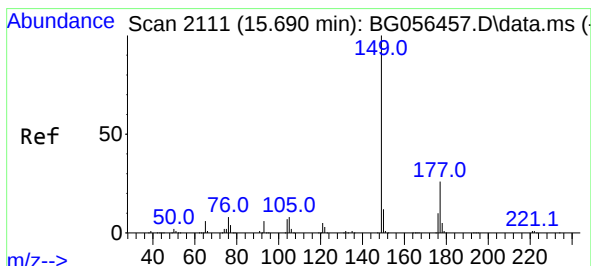
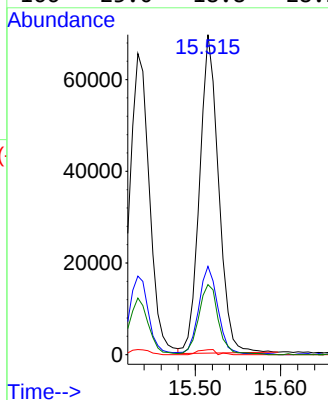
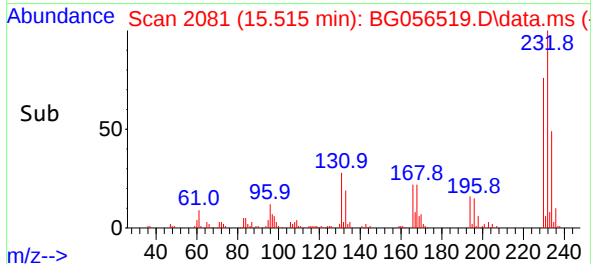
Tgt Ion:232 Resp: 107719
Ion Ratio Lower Upper
232 100
131 28.4 22.8 34.2
130 1.6 1.4 2.0
166 23.0 18.8 28.2

Manual Integrations

APPROVED

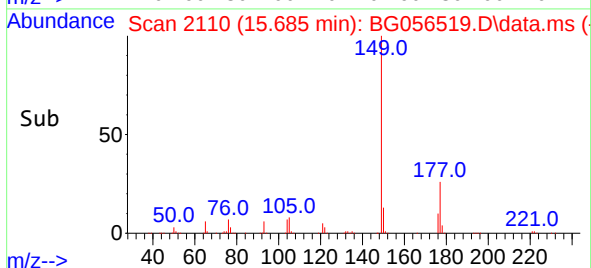
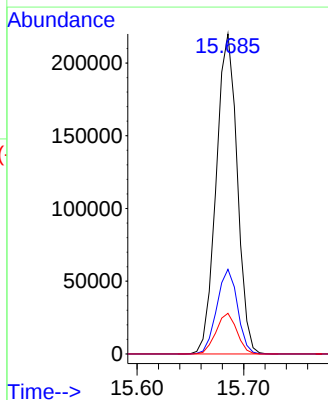
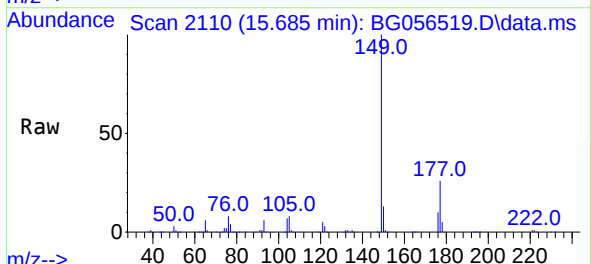
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

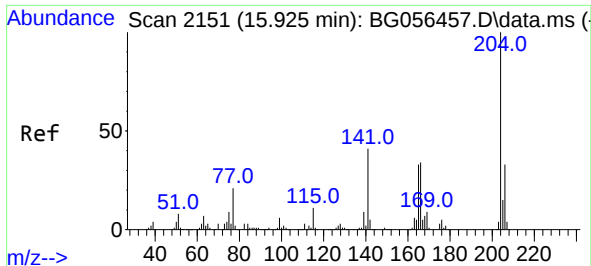
Supervised By :Jagrut
Upadhyay
02/03/2023



#60
Diethylphthalate
Concen: 44.267 ng
RT: 15.685 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:149 Resp: 300711
Ion Ratio Lower Upper
149 100
177 26.5 21.0 31.4
150 12.7 9.9 14.9





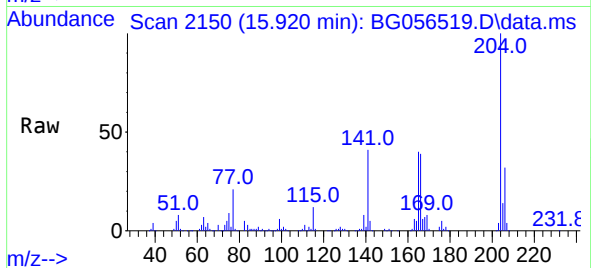
#61
4-Chlorophenyl-phenylether
Concen: 46.514 ng
RT: 15.920 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



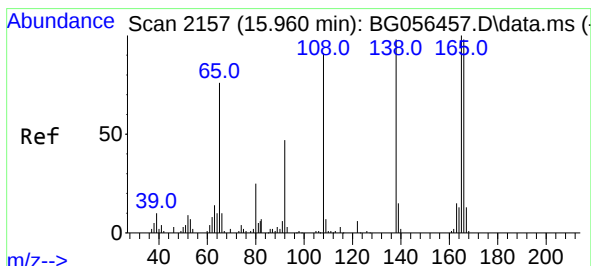
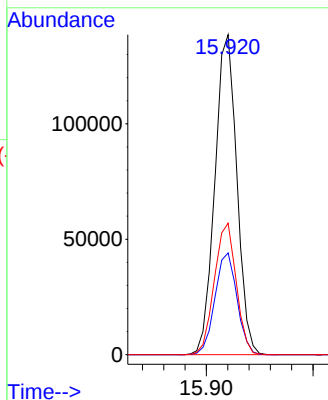
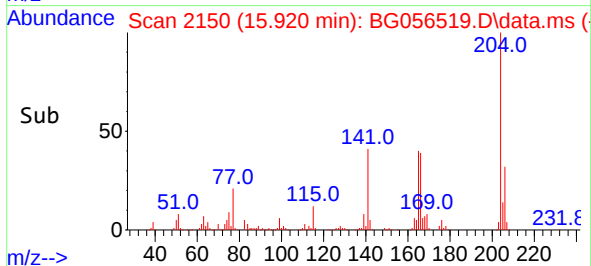
Tgt Ion:204 Resp: 19810
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.4
141 41.1 32.7 49.1

Manual Integrations

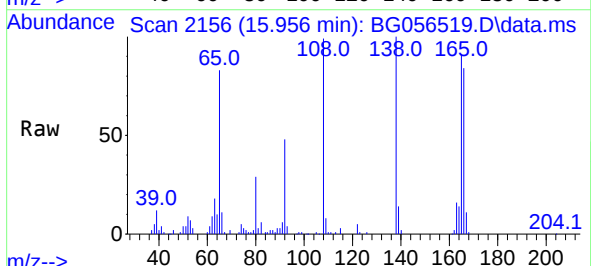
APPROVED

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

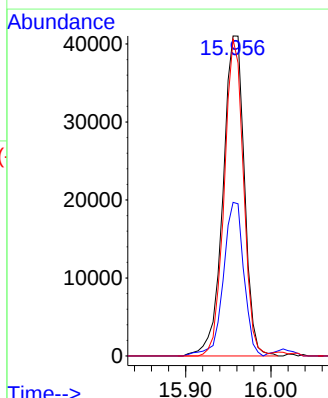
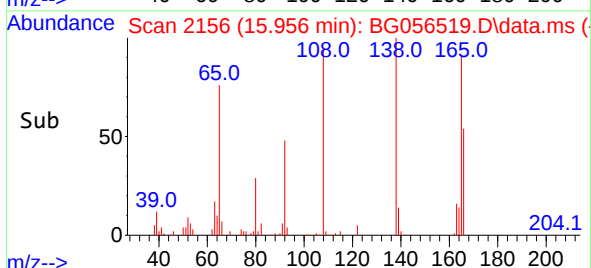
Supervised By :Jagrut
Upadhyay
02/03/2023

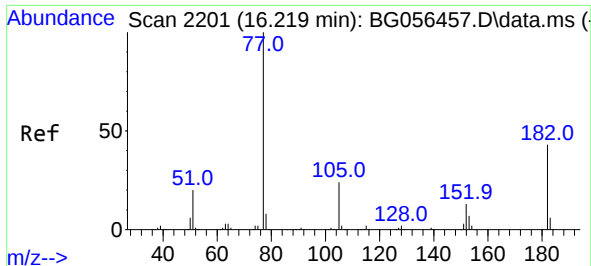


#62
4-Nitroaniline
Concen: 46.730 ng
RT: 15.956 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:138 Resp: 71517
Ion Ratio Lower Upper
138 100
92 48.0 27.8 67.8
108 98.9 72.6 112.6





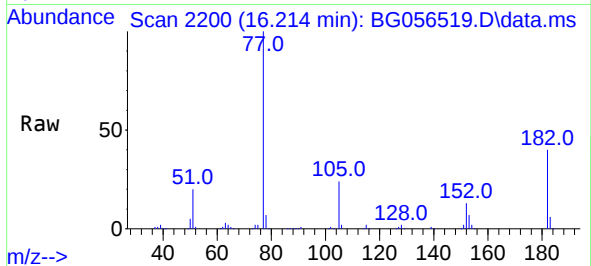
#63
Azobenzene
Concen: 47.960 ng
RT: 16.214 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



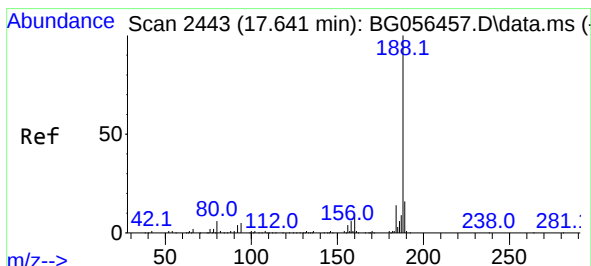
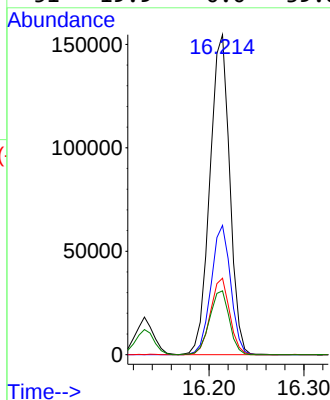
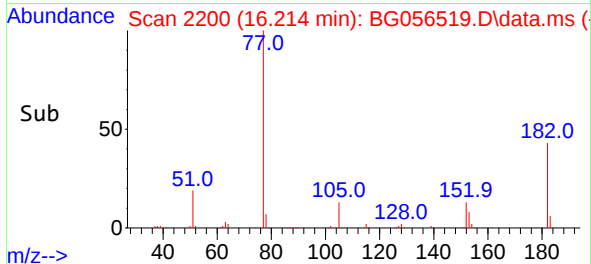
Tgt Ion: 77 Resp: 22417
Ion Ratio Lower Upper
77 100
182 40.4 23.1 63.1
105 23.9 4.2 44.2
51 19.9 0.0 39.8

Manual Integrations

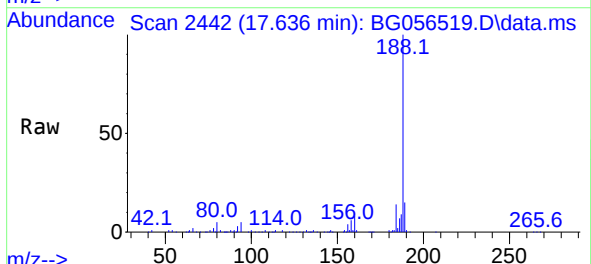
APPROVED

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

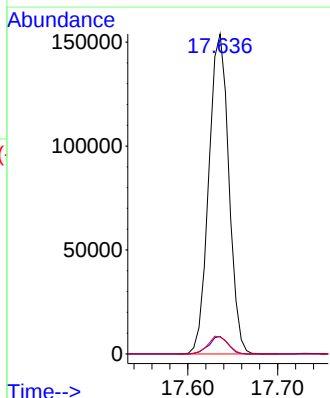
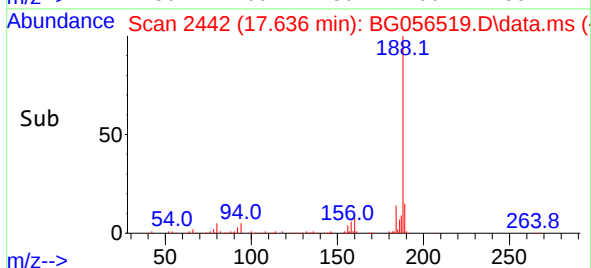
Supervised By :Jagrut
Upadhyay
02/03/2023

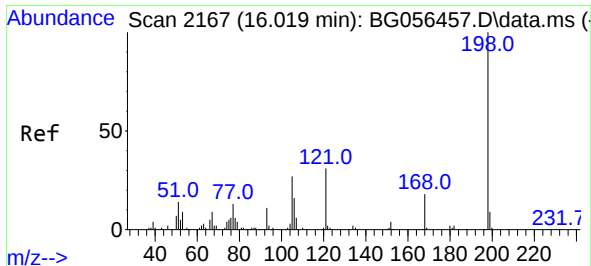


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.636 min Scan# 2442
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:188 Resp: 237993
Ion Ratio Lower Upper
188 100
94 5.5 4.1 6.1
80 5.3 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.018 ng
RT: 16.014 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

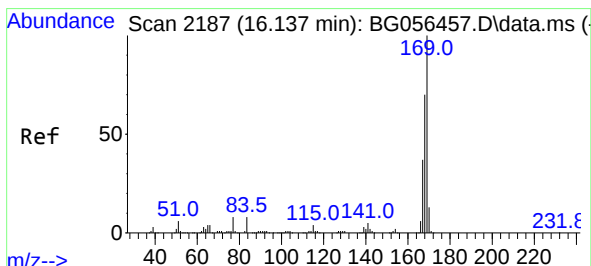
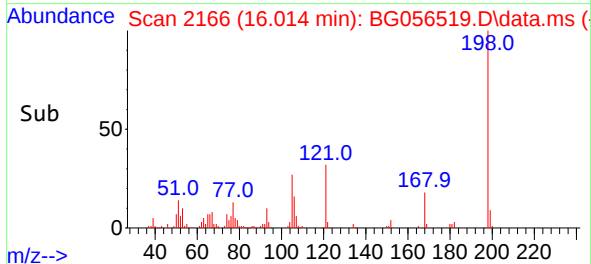
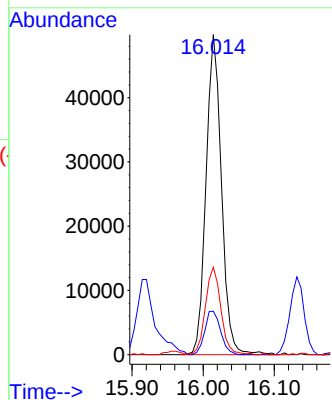
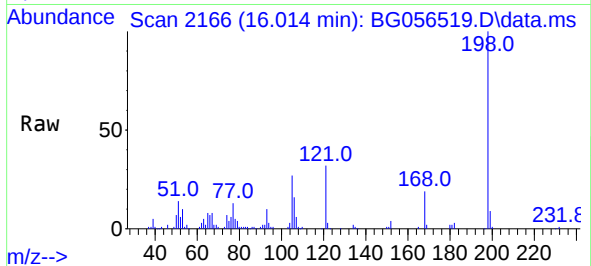
PB150385BS

Tgt Ion:198 Resp: 7532
Ion Ratio Lower Upper
198 100
51 13.6 0.0 35.0
105 27.3 7.4 47.4

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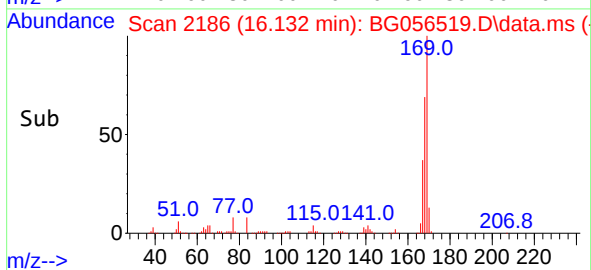
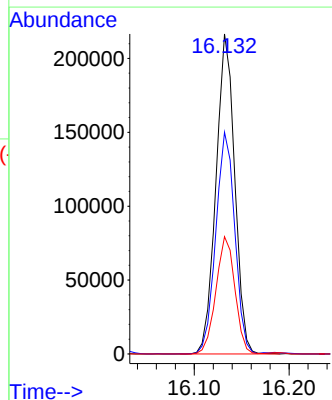
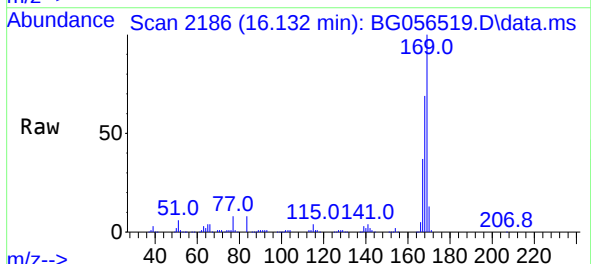
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

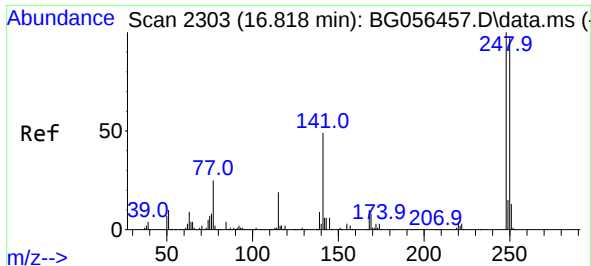
Supervised By :Jagrut
Upadhyay
02/03/2023



#66
n-Nitrosodiphenylamine
Concen: 44.115 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:169 Resp: 297262
Ion Ratio Lower Upper
169 100
168 69.3 55.8 83.6
167 36.6 29.8 44.8





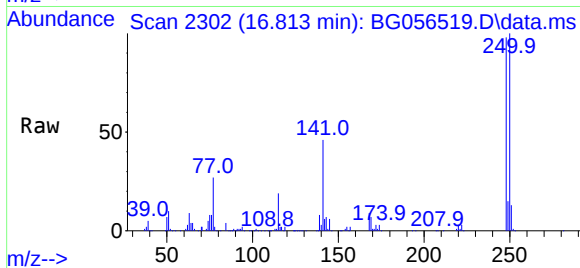
#67
4-Bromophenyl-phenylether
Concen: 44.384 ng
RT: 16.813 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



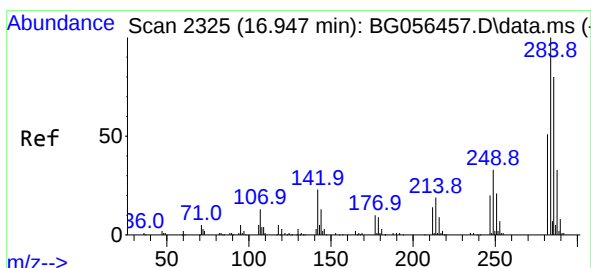
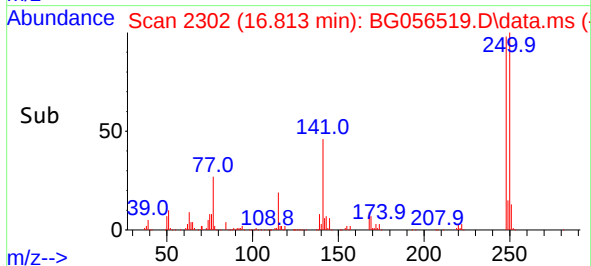
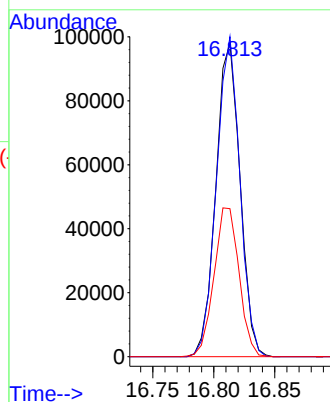
Tgt Ion:248 Resp: 135220
Ion Ratio Lower Upper
248 100
250 102.0 77.6 116.4
141 47.2 39.0 58.4

Manual Integrations

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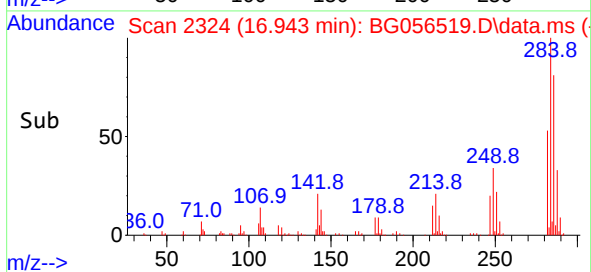
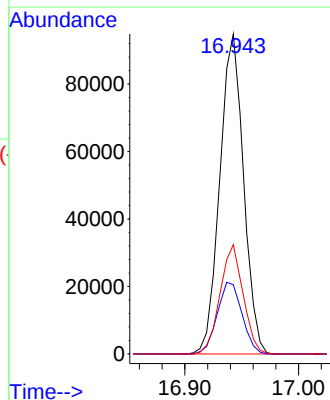
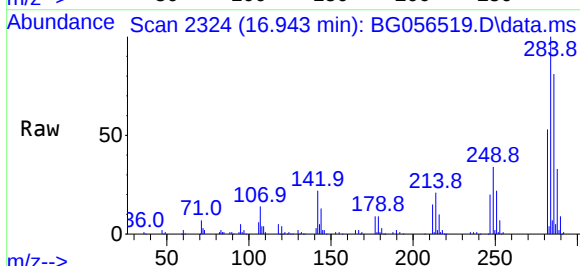
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

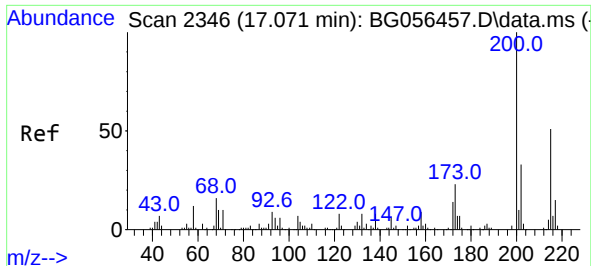
Supervised By :Jagrut
Upadhyay
02/03/2023



#68
Hexachlorobenzene
Concen: 46.060 ng
RT: 16.943 min Scan# 2324
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:284 Resp: 137446
Ion Ratio Lower Upper
284 100
142 21.7 18.0 27.0
249 34.2 26.7 40.1





#69
Atrazine
Concen: 52.444 ng
RT: 17.066 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

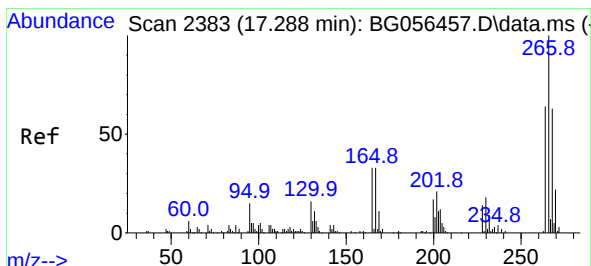
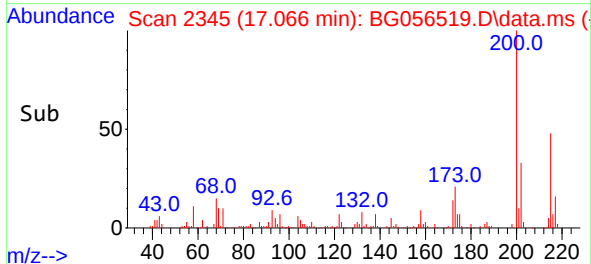
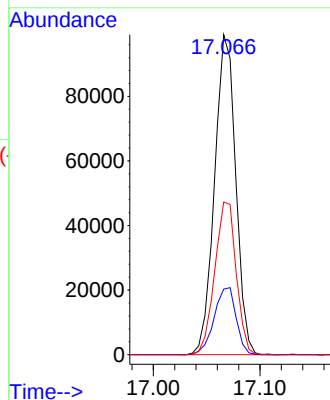
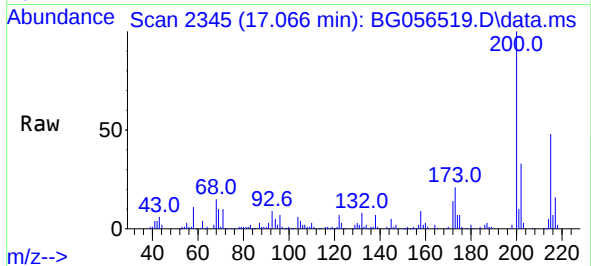
Tgt Ion:200 Resp: 136332
Ion Ratio Lower Upper
200 100
173 20.5 3.2 43.2
215 47.7 30.7 70.7

Manual Integrations

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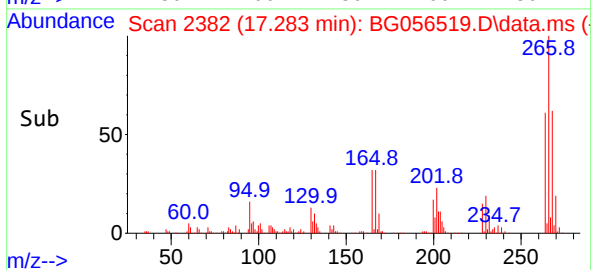
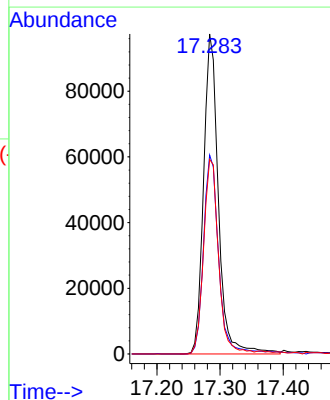
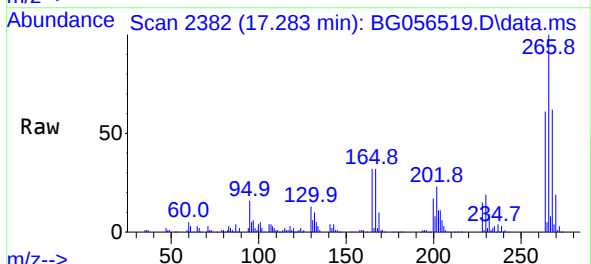
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

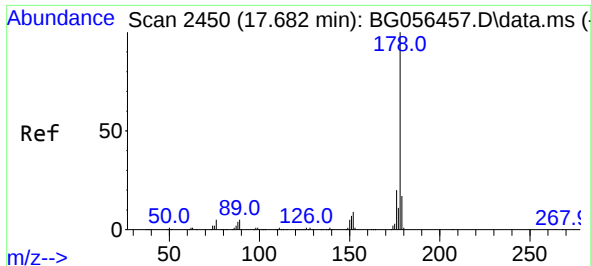
Supervised By :Jagrut
Upadhyay
02/03/2023



#70
Pentachlorophenol
Concen: 87.677 ng
RT: 17.283 min Scan# 2382
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

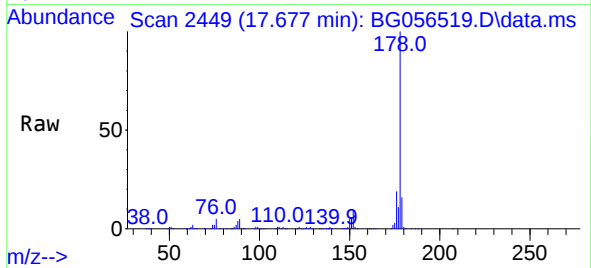
Tgt Ion:266 Resp: 158309
Ion Ratio Lower Upper
266 100
268 62.2 50.2 75.4
264 60.8 51.4 77.0





#71
Phenanthrene
Concen: 46.590 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

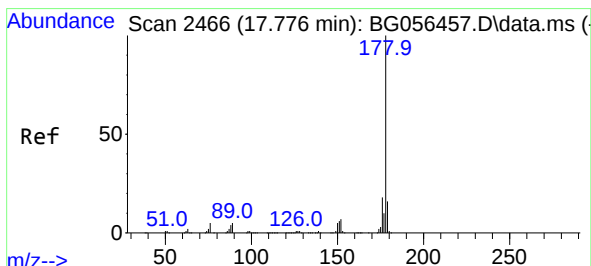
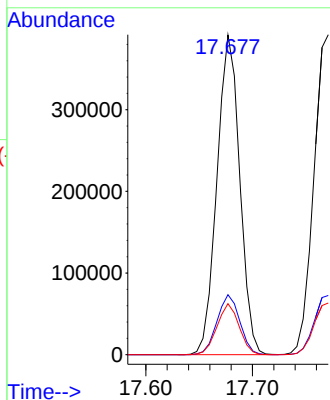
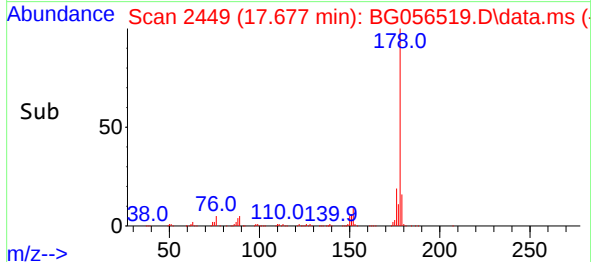


Tgt Ion:178 Resp: 58032
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.9 13.3 19.9

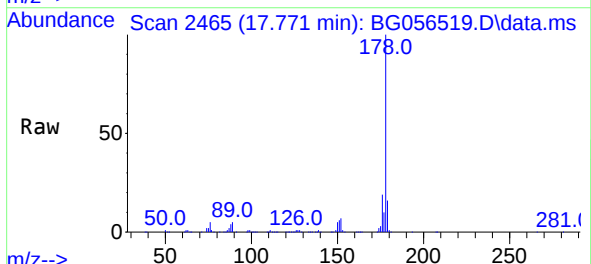
Manual Integrations
APPROVED

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

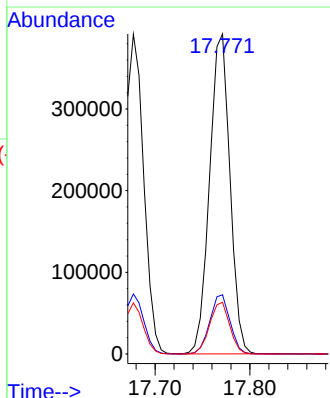
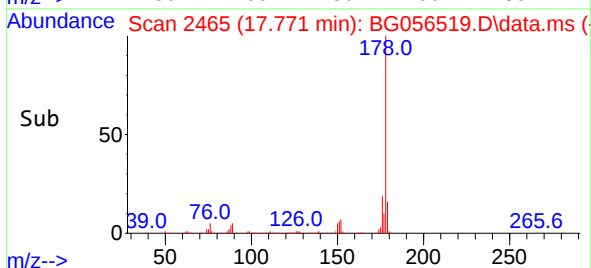
Supervised By :Jagrut
Upadhyay
02/03/2023

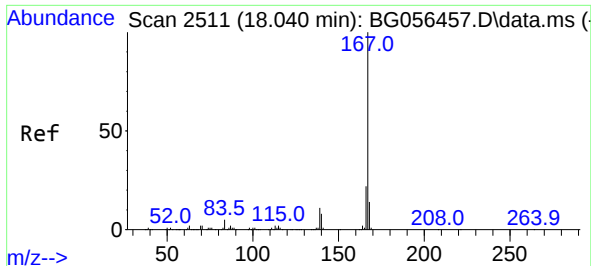


#72
Anthracene
Concen: 45.780 ng
RT: 17.771 min Scan# 2465
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:178 Resp: 585371
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 16.2 12.5 18.7





#73
Carbazole
Concen: 48.396 ng
RT: 18.035 min Scan# 2510
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

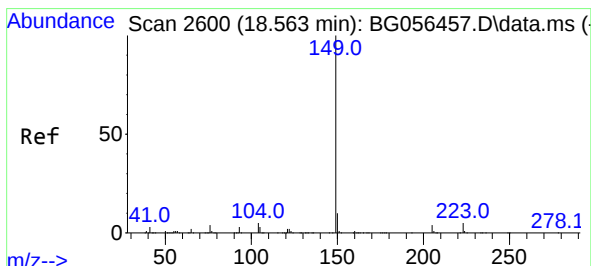
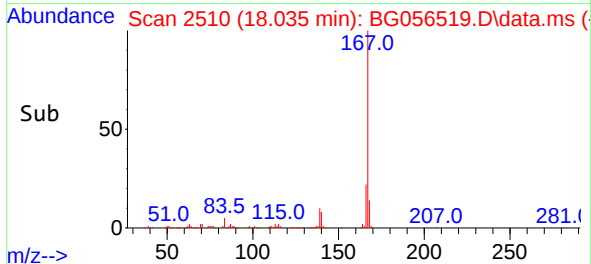
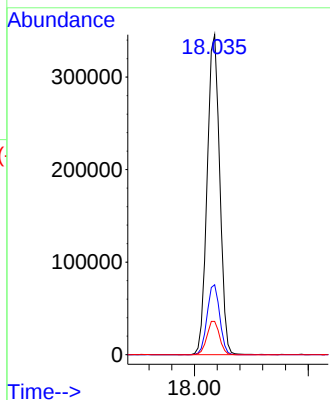
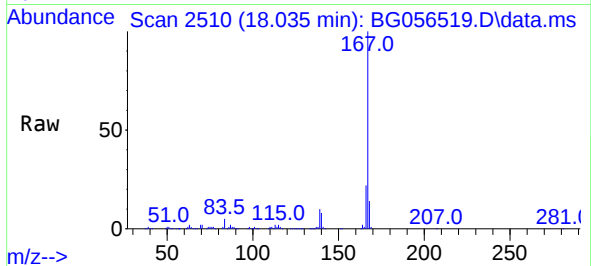
PB150385BS

Tgt Ion:167 Resp: 527045
Ion Ratio Lower Upper
167 100
166 21.9 17.8 26.6
139 10.4 8.9 13.3

Manual Integrations
APPROVED

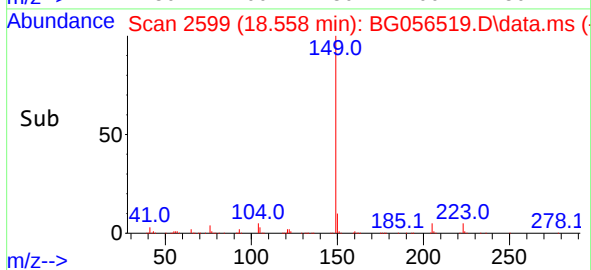
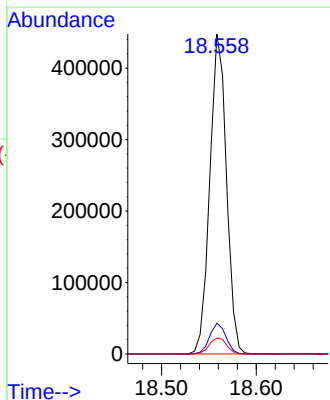
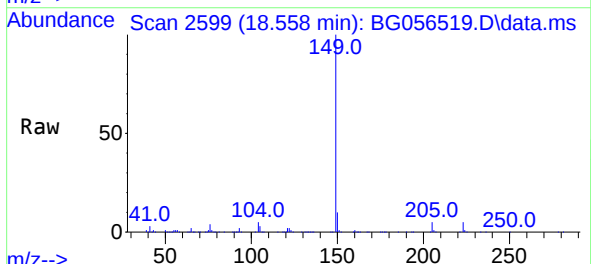
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

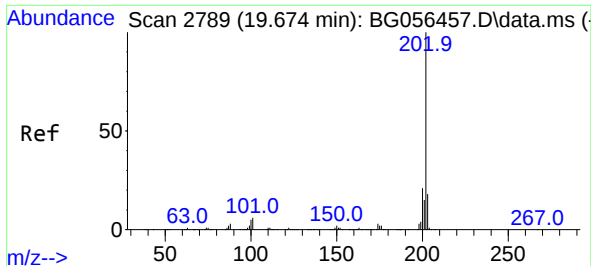
Supervised By :Jagrut
Upadhyay
02/03/2023



#74
Di-n-butylphthalate
Concen: 47.733 ng
RT: 18.558 min Scan# 2599
Delta R.T. -0.005 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:149 Resp: 545811
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.0 4.0 6.0





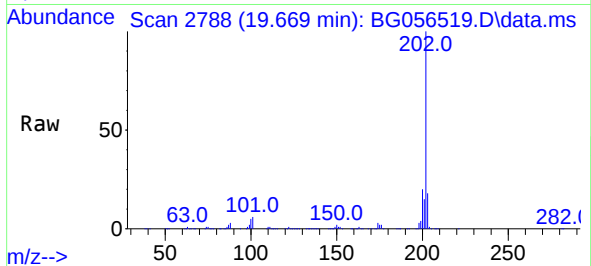
#75
Fluoranthene
Concen: 49.166 ng
RT: 19.669 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

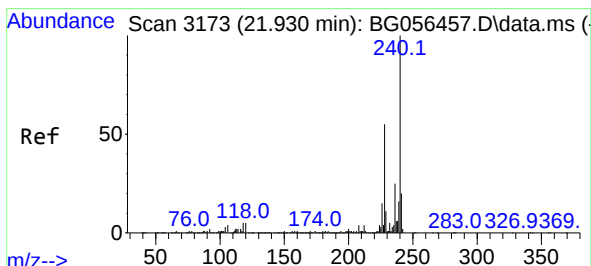
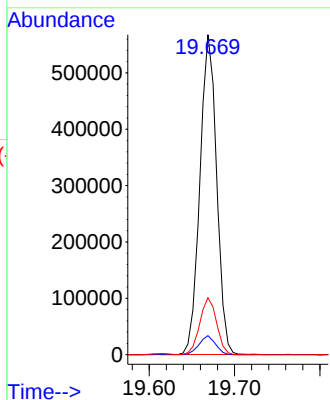
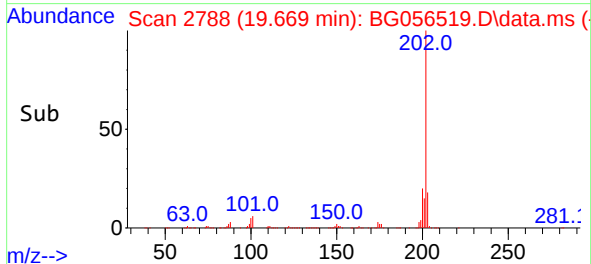


Tgt Ion:202 Resp: 772935
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.6
203 17.8 0.0 38.1

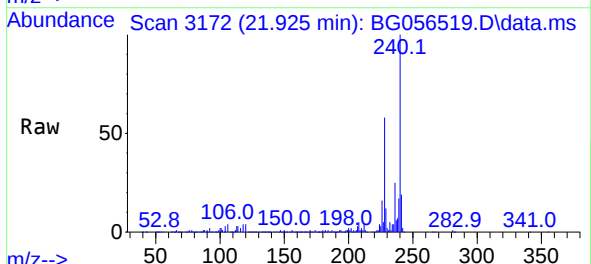
Manual Integrations
APPROVED

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

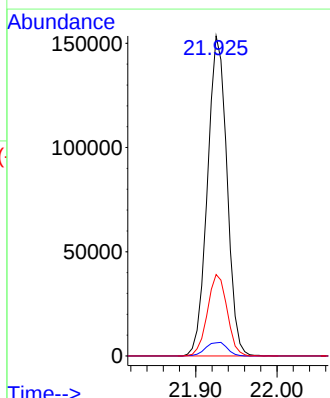
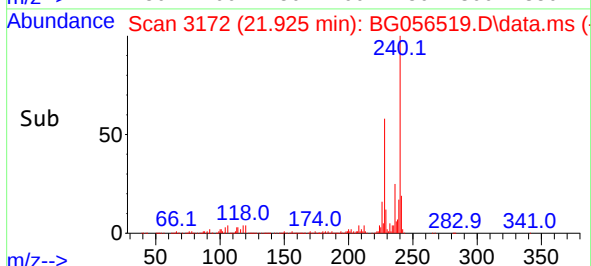
Supervised By :Jagrut
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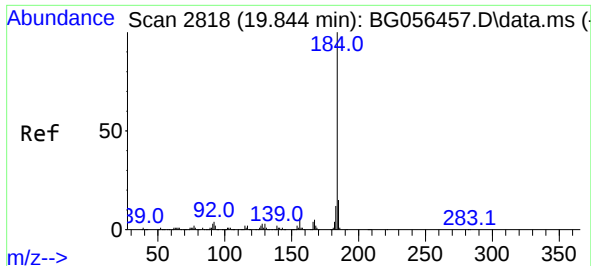


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:240 Resp: 255452
Ion Ratio Lower Upper
240 100
120 4.1 3.8 5.8
236 25.5 20.2 30.2





#77
Benzidine
Concen: 65.533 ng
RT: 19.839 min Scan# 2817
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

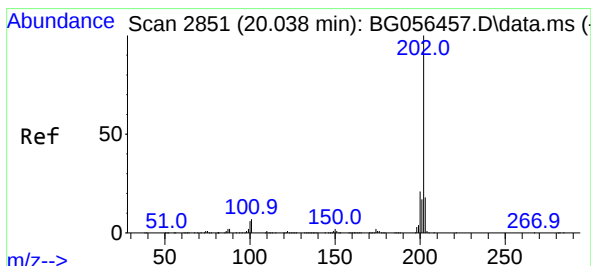
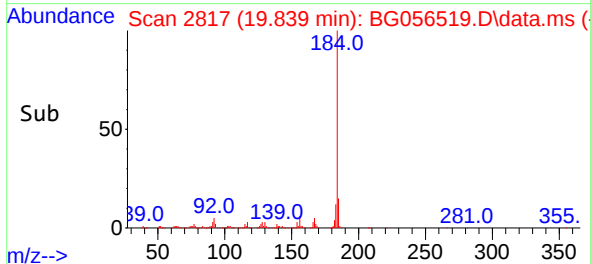
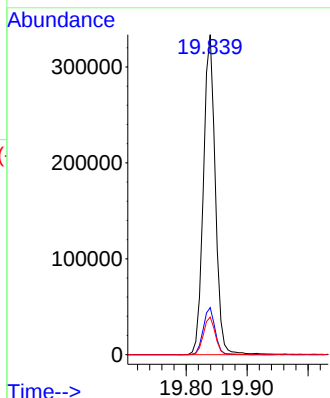
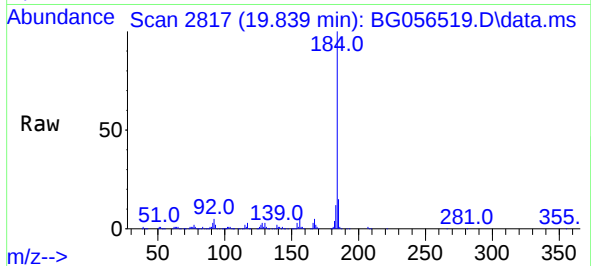
PB150385BS

Tgt Ion:184 Resp: 453018
Ion Ratio Lower Upper
184 100
185 14.7 12.3 18.5
183 11.8 9.8 14.8

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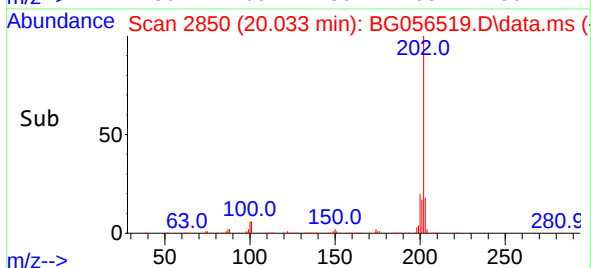
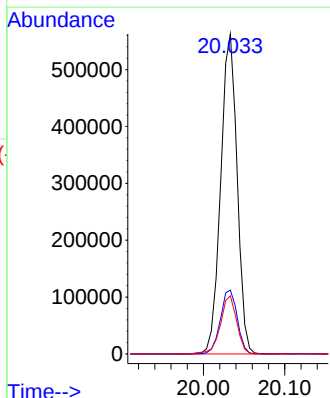
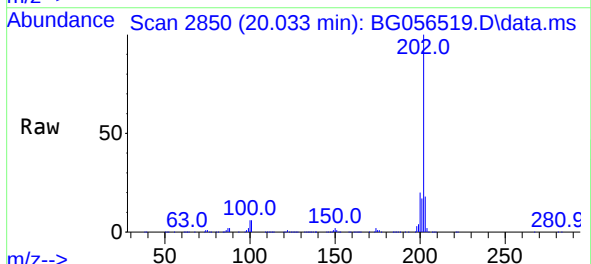
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

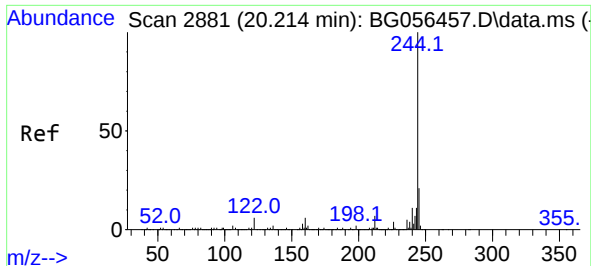
Supervised By :Jagrut
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#78
Pyrene
Concen: 43.518 ng
RT: 20.033 min Scan# 2850
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:202 Resp: 790648
Ion Ratio Lower Upper
202 100
200 20.0 16.7 25.1
203 18.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 68.834 ng
 RT: 20.209 min Scan# 2115
 Delta R.T. 0.001 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

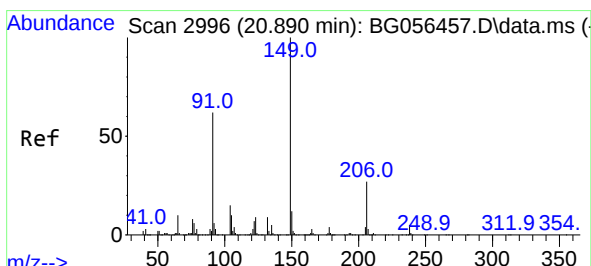
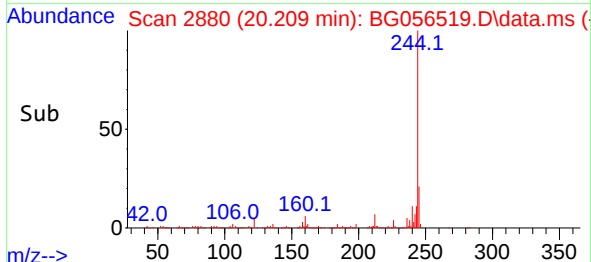
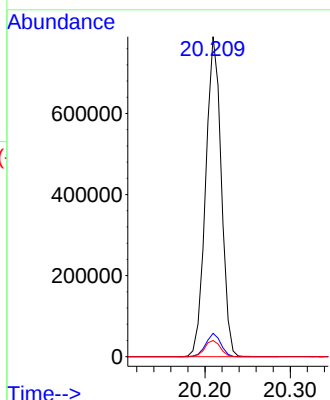
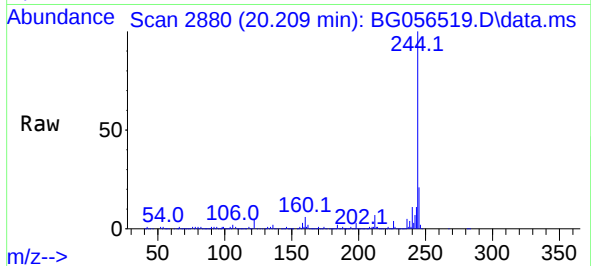
PB150385BS

Tgt Ion:244 Resp: 100115
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 5.1 4.4 6.6

Manual Integrations
 APPROVED

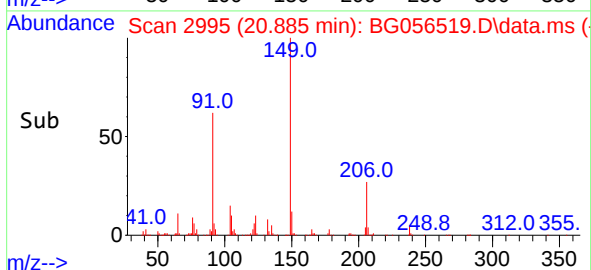
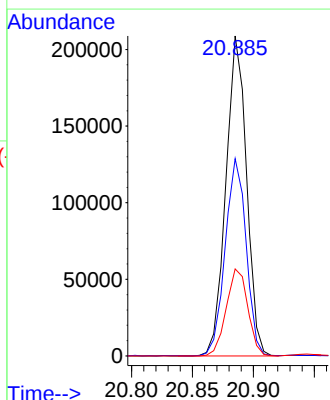
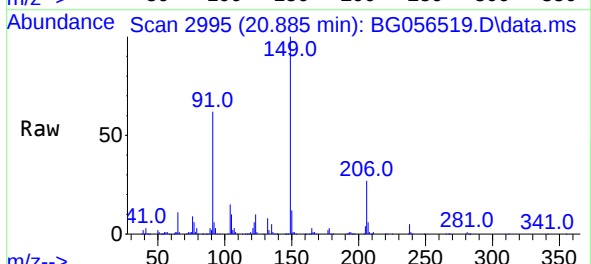
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

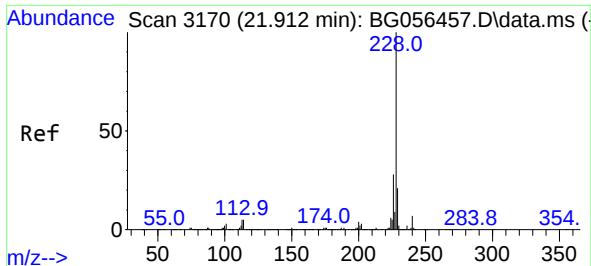
Supervised By :Jagrut
 Upadhyay
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#80
 Butylbenzylphthalate
 Concen: 44.450 ng
 RT: 20.885 min Scan# 2995
 Delta R.T. 0.001 min
 Lab File: BG056519.D
 Acq: 2 Feb 2023 18:12

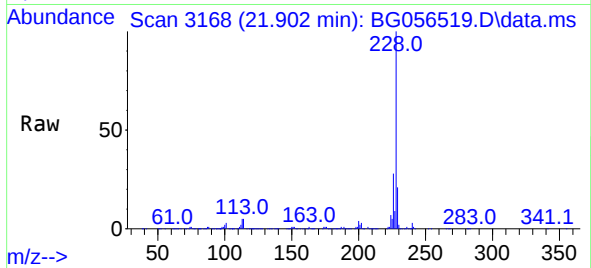
Tgt Ion:149 Resp: 246640
 Ion Ratio Lower Upper
 149 100
 91 61.7 49.4 74.0
 206 27.2 22.0 33.0





#81
Benzo(a)anthracene
Concen: 45.749 ng
RT: 21.902 min Scan# 3170
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

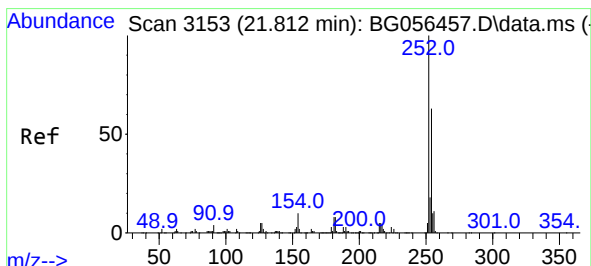
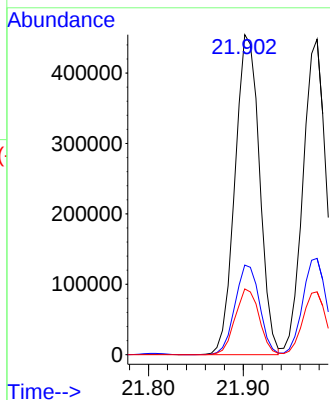
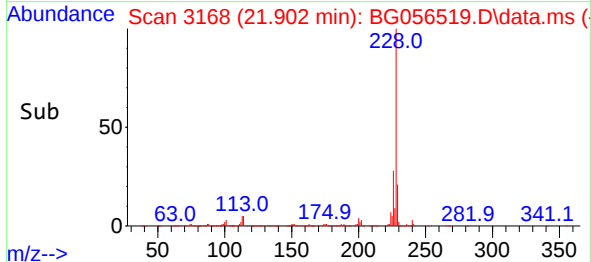


Tgt Ion:228 Resp: 81703
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.5 16.5 24.7

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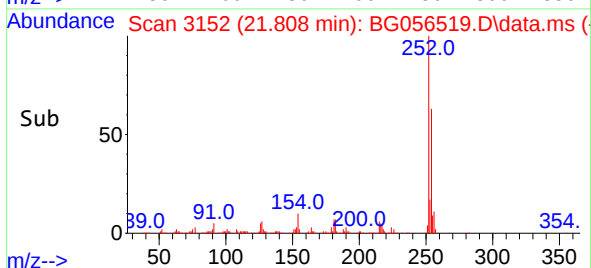
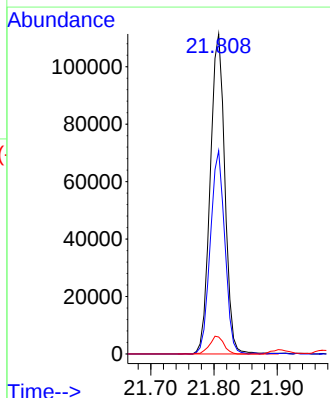
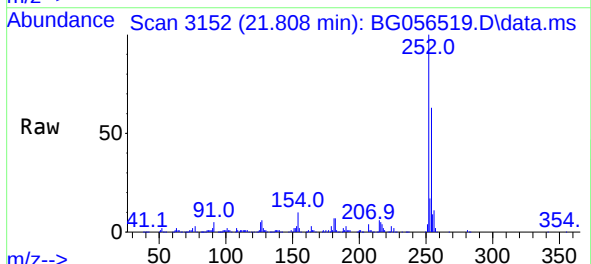
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

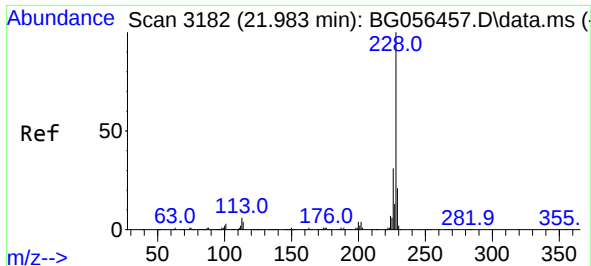
Supervised By :Jagrut
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#82
3,3'-Dichlorobenzidine
Concen: 27.805 ng
RT: 21.808 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:252 Resp: 178820
Ion Ratio Lower Upper
252 100
254 63.5 50.0 75.0
126 5.3 4.3 6.5





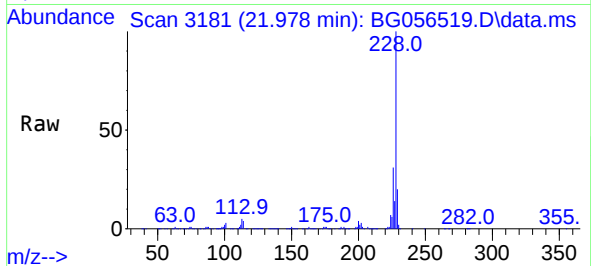
#83
Chrysene
Concen: 45.141 ng
RT: 21.978 min Scan# 3182
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS



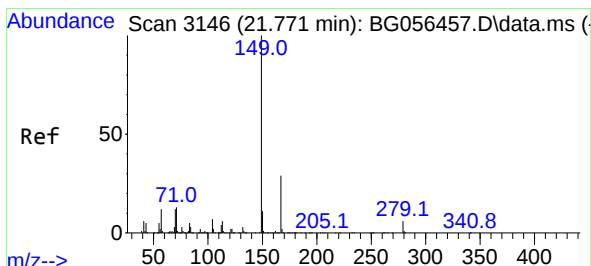
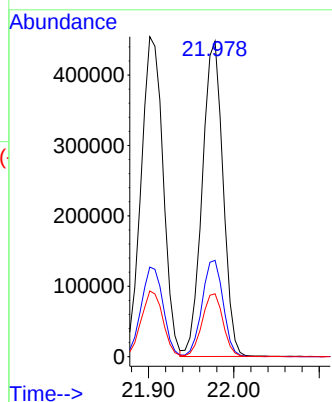
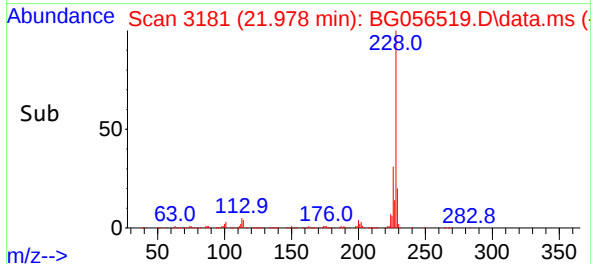
Tgt Ion:228 Resp: 757390
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.4
229 19.9 16.4 24.6

Manual Integrations

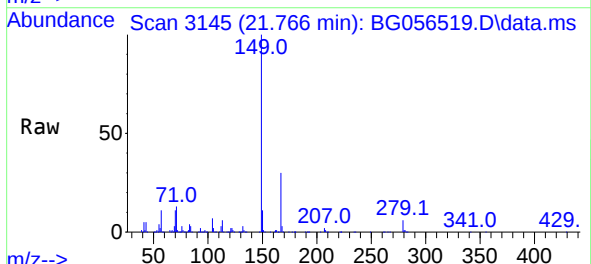
APPROVED

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

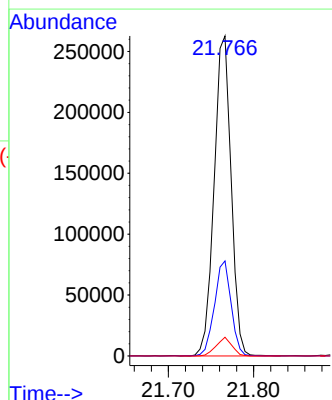
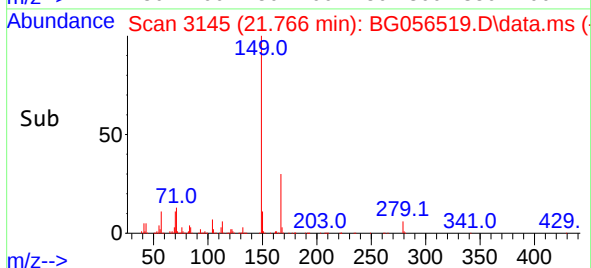
Supervised By :Jagrut
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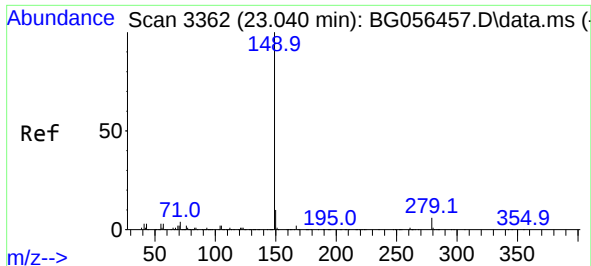


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.665 ng
RT: 21.766 min Scan# 3145
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12



Tgt Ion:149 Resp: 363277
Ion Ratio Lower Upper
149 100
167 29.7 23.4 35.2
279 5.9 4.4 6.6





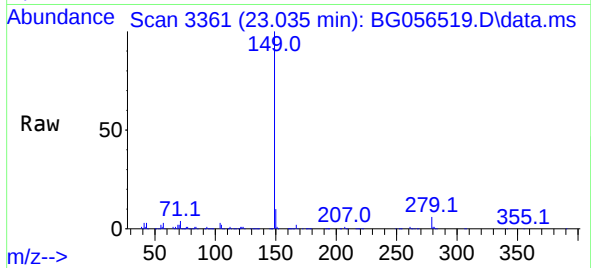
#85
Di-n-octyl phthalate
Concen: 46.521 ng
RT: 23.035 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

PB150385BS

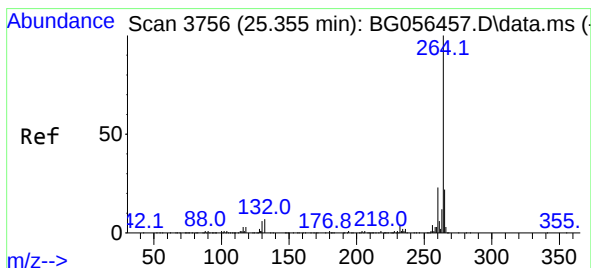
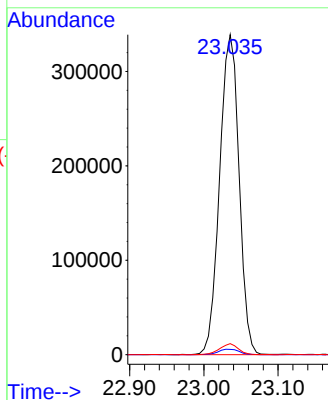


Tgt Ion:149 Resp: 616319
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 3.3 2.7 4.1

Manual Integrations
APPROVED

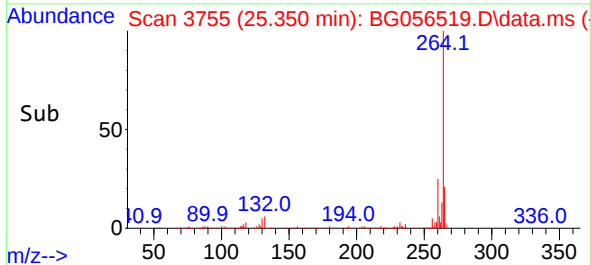
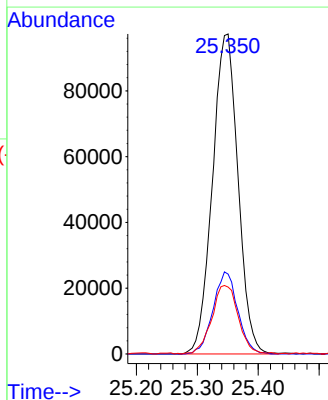
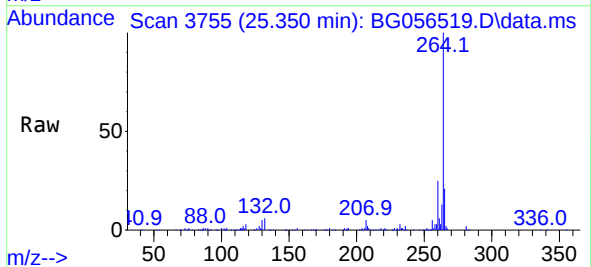
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

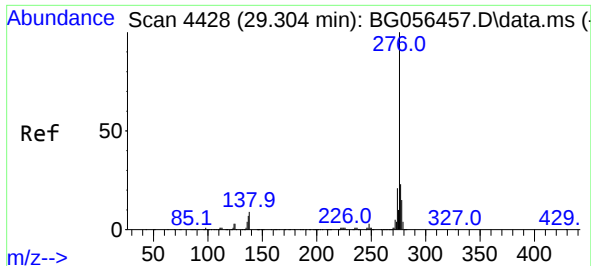
Supervised By :Jagrut
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3755
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

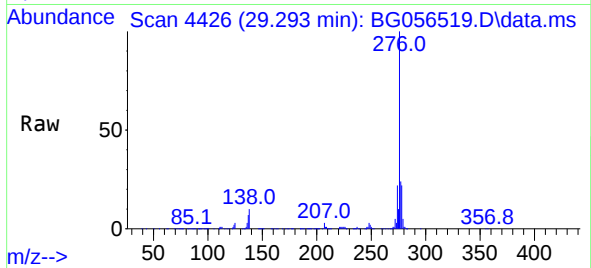
Tgt Ion:264 Resp: 283171
Ion Ratio Lower Upper
264 100
260 25.0 18.2 27.4
265 20.9 18.1 27.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.646 ng
RT: 29.293 min Scan# 4428
Delta R.T. 0.013 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

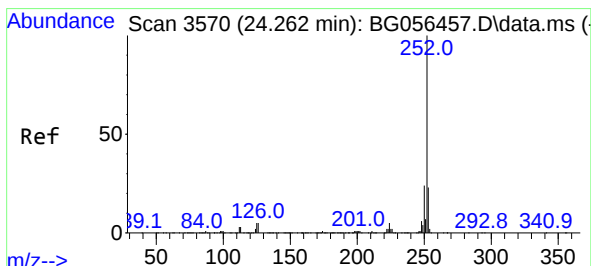
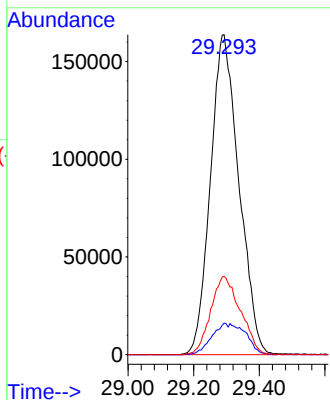
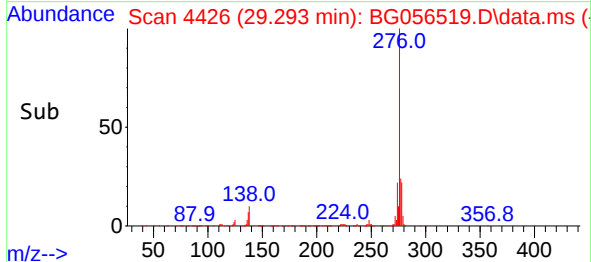


Tgt Ion:276 Resp: 98762
Ion Ratio Lower Upper
276 100
138 5.7 9.4 14.2
277 25.5 20.3 30.5

Manual Integrations
APPROVED

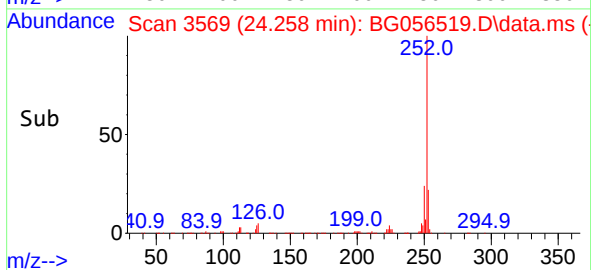
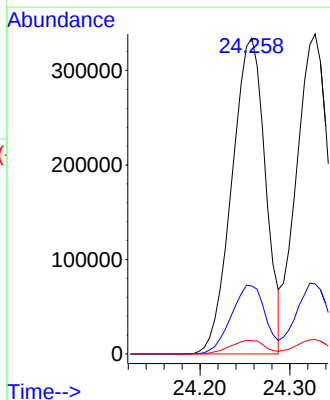
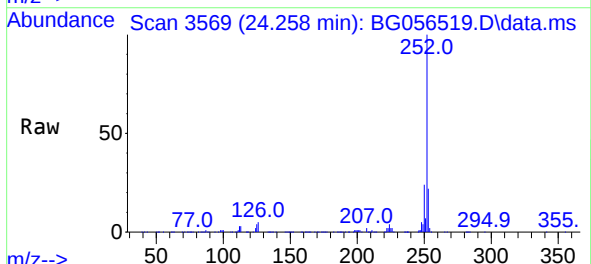
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

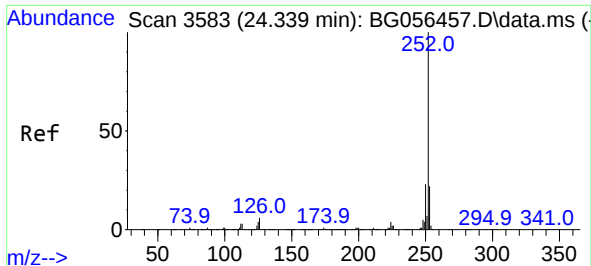
Supervised By :Jagrut
Upadhyay
02/03/2023



#88
Benzo(b)fluoranthene
Concen: 49.307 ng
RT: 24.258 min Scan# 3569
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

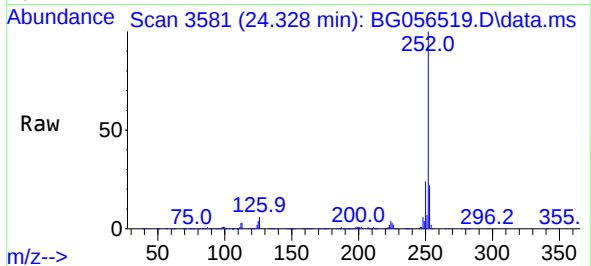
Tgt Ion:252 Resp: 866638
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 4.2 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 47.820 ng
RT: 24.328 min Scan# 3581
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :
BNA_G
ClientSampleId :
PB150385BS

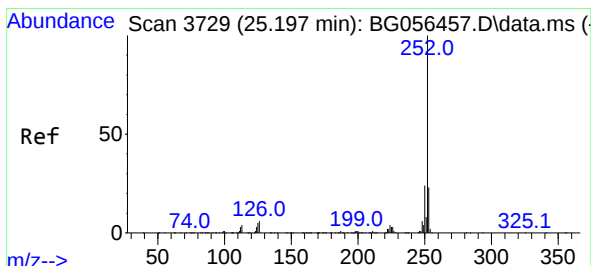
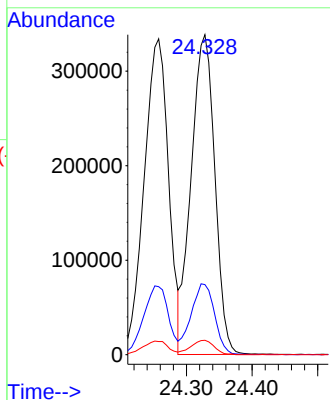
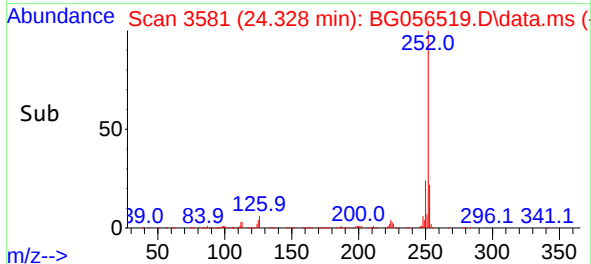


Tgt Ion:252 Resp: 848597
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 4.5 3.4 5.0

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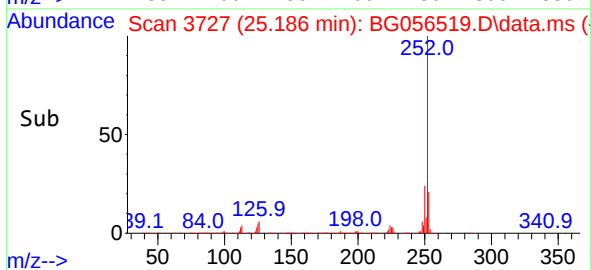
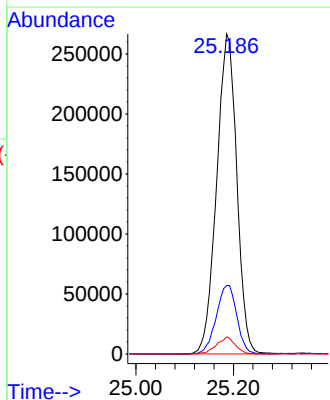
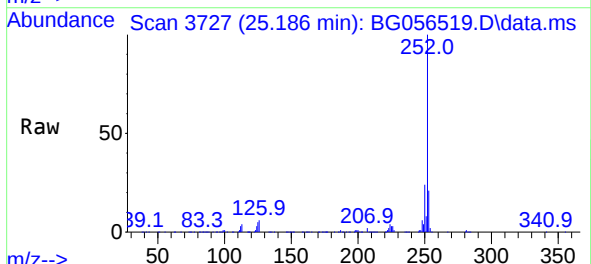
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

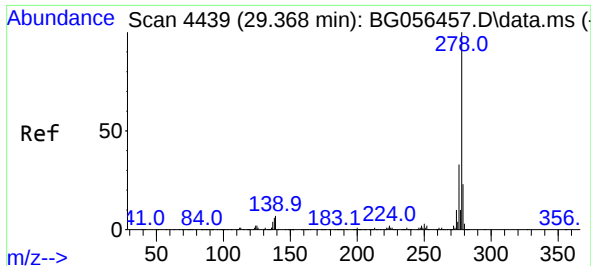
Supervised By :Jagrut
Upadhyay
02/03/2023



#90
Benzo(a)pyrene
Concen: 44.165 ng
RT: 25.186 min Scan# 3727
Delta R.T. 0.001 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:252 Resp: 764655
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 5.3 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 47.380 ng
RT: 29.352 min Scan# 4439
Delta R.T. 0.007 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Instrument :

BNA_G

ClientSampleId :

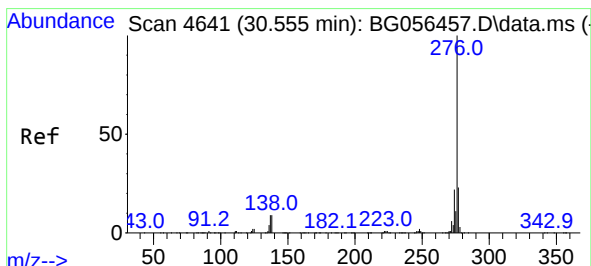
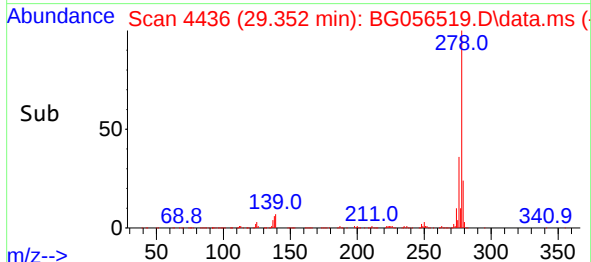
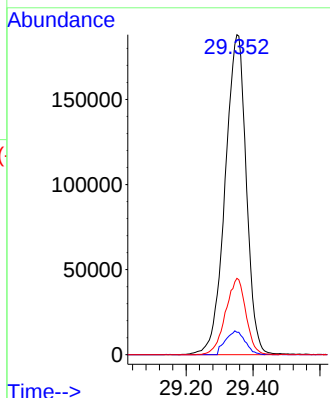
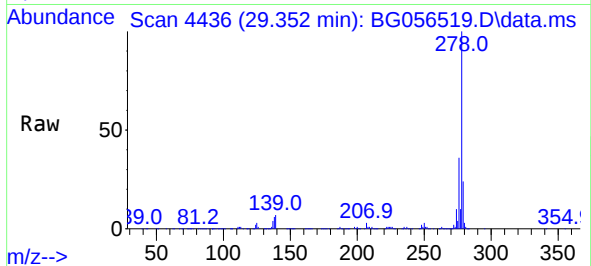
PB150385BS

Tgt Ion:278 Resp: 82437
Ion Ratio Lower Upper
278 100
139 7.0 5.5 8.3
279 23.8 18.8 28.2

Manual Integrations
APPROVED

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

Supervised By :Jagrut
Upadhyay
02/03/2023



#92
Benzo(g,h,i)perylene
Concen: 47.670 ng
RT: 30.538 min Scan# 4638
Delta R.T. 0.013 min
Lab File: BG056519.D
Acq: 2 Feb 2023 18:12

Tgt Ion:276 Resp: 800311
Ion Ratio Lower Upper
276 100
277 24.5 18.5 27.7
138 9.9 7.4 11.0

