

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
 Data File : BG055404.D
 Acq On : 1 Nov 2022 22:41
 Operator : CG/JU
 Sample : PB148503BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB148503BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

Quant Time: Nov 02 05:41:38 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 02 05:05:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	24006	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	117748	20.000	ng	0.00
39) Acenaphthene-d10	14.863	164	88693	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	209208	20.000	ng	0.00
76) Chrysene-d12	21.866	240	201689	20.000	ng	0.00
86) Perylene-d12	25.239	264	217261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	222366	166.348	ng	0.00
7) Phenol-d6	7.395	99	304391	164.204	ng	0.00
23) Nitrobenzene-d5	9.422	82	180546	81.718	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	172589	142.660	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	490397	81.978	ng	0.00
79) Terphenyl-d14	20.168	244	916770	88.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	19483	32.134	ng	96
3) Pyridine	3.987	79	55020	30.577	ng	98
4) n-Nitrosodimethylamine	3.899	42	29695	41.774	ng	99
6) Aniline	7.559	93	110113	45.798	ng	97
8) 2-Chlorophenol	7.806	128	84581	52.077	ng	99
9) Benzaldehyde	7.371	77	37631	34.529	ng	98
10) Phenol	7.418	94	111203	53.000	ng	99
11) bis(2-Chloroethyl)ether	7.648	93	73078	46.554	ng	98
12) 1,3-Dichlorobenzene	8.129	146	81835	44.453	ng	98
13) 1,4-Dichlorobenzene	8.276	146	83228	44.388	ng	100
14) 1,2-Dichlorobenzene	8.599	146	82644	46.049	ng	98
15) Benzyl Alcohol	8.482	79	75859m	51.309	ng	
16) 2,2'-oxybis(1-Chloropr...	8.770	45	96928	46.410	ng	98
17) 2-Methylphenol	8.682	107	79573	52.709	ng	98
18) Hexachloroethane	9.340	117	28489	44.540	ng	97
19) n-Nitroso-di-n-propyla...	9.046	70	67874	46.858	ng	99
20) 3+4-Methylphenols	9.017	107	109589	51.090	ng	98
22) Acetophenone	9.075	105	131696	42.671	ng	# 99
24) Nitrobenzene	9.463	77	95557	41.484	ng	97
25) Isophorone	9.980	82	191864	43.849	ng	100
26) 2-Nitrophenol	10.180	139	51724	43.609	ng	99
27) 2,4-Dimethylphenol	10.227	122	88133	52.994	ng	98
28) bis(2-Chloroethoxy)met...	10.456	93	110442	47.388	ng	98
29) 2,4-Dichlorophenol	10.720	162	93995	46.333	ng	98
30) 1,2,4-Trichlorobenzene	10.932	180	88686	40.370	ng	99
31) Naphthalene	11.126	128	270617	40.820	ng	99
32) Benzoic acid	10.391	122	39466	40.907	ng	95
33) 4-Chloroaniline	11.226	127	102612	37.250	ng	99
34) Hexachlorobutadiene	11.396	225	53770	39.377	ng	97
35) Caprolactam	12.001	113	34700m	46.197	ng	
36) 4-Chloro-3-methylphenol	12.336	107	105600	47.540	ng	98
37) 2-Methylnaphthalene	12.712	142	206152	42.334	ng	99
38) 1-Methylnaphthalene	12.924	142	198488	41.790	ng	98
40) 1,2,4,5-Tetrachloroben...	13.071	216	111551	42.577	ng	99
41) Hexachlorocyclopentadiene	13.047	237	122814	96.746	ng	95
43) 2,4,6-Trichlorophenol	13.306	196	80796	44.284	ng	99

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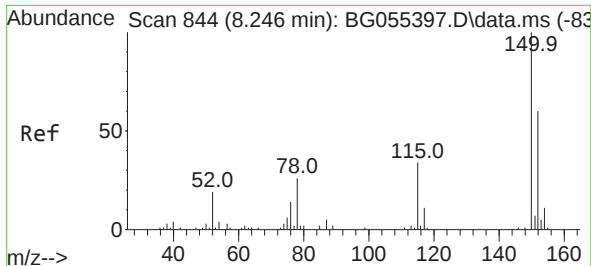
Manual Integrations
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 Response via : Initial Calibration

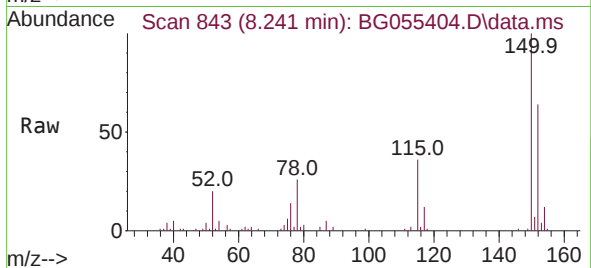
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	89994	44.283	ng	99
46) 1,1'-Biphenyl	13.699	154	288093	44.143	ng	99
47) 2-Chloronaphthalene	13.746	162	220908	42.125	ng	99
48) 2-Nitroaniline	13.946	65	70418	43.718	ng	98
49) Acenaphthylene	14.586	152	368452	42.789	ng	99
50) Dimethylphthalate	14.304	163	315766	42.652	ng	99
51) 2,6-Dinitrotoluene	14.428	165	68439	44.157	ng	97
52) Acenaphthene	14.921	154	217916	42.522	ng	99
53) 3-Nitroaniline	14.763	138	62445	35.847	ng	97
54) 2,4-Dinitrophenol	14.974	184	79454	84.505	ng	96
55) Dibenzofuran	15.256	168	365769	43.119	ng	99
56) 4-Nitrophenol	15.074	139	113945	95.398	ng	99
57) 2,4-Dinitrotoluene	15.215	165	99891	45.074	ng	98
58) Fluorene	15.903	166	292854	42.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.480	232	80640	44.130	ng	98
60) Diethylphthalate	15.650	149	327951	42.626	ng	100
61) 4-Chlorophenyl-phenyle...	15.879	204	156846	44.025	ng	97
62) 4-Nitroaniline	15.926	138	77542	42.074	ng	99
63) Azobenzene	16.173	77	272579	42.621	ng	98
65) 4,6-Dinitro-2-methylph...	15.979	198	57804	42.894	ng	96
66) n-Nitrosodiphenylamine	16.096	169	270500	43.489	ng	99
67) 4-Bromophenyl-phenylether	16.772	248	107125	43.317	ng	99
68) Hexachlorobenzene	16.901	284	122644	43.487	ng	96
69) Atrazine	17.031	200	111196	53.250	ng	98
70) Pentachlorophenol	17.248	266	117956	80.661	ng	97
71) Phenanthrene	17.636	178	498114	42.329	ng	100
72) Anthracene	17.730	178	510277	44.240	ng	99
73) Carbazole	17.994	167	477158	44.464	ng	100
74) Di-n-butylphthalate	18.517	149	578173	43.138	ng	99
75) Fluoranthene	19.628	202	602941	42.596	ng	99
77) Benzidine	19.792	184	306732	73.048	ng	99
78) Pyrene	19.986	202	603233	42.397	ng	99
80) Butylbenzylphthalate	20.844	149	256707	43.275	ng	97
81) Benzo(a)anthracene	21.849	228	586368	42.352	ng	99
82) 3,3'-Dichlorobenzidine	21.749	252	197891	41.681	ng	97
83) Chrysene	21.919	228	553567	41.909	ng	100
84) Bis(2-ethylhexyl)phtha...	21.708	149	376157	43.623	ng	99
85) Di-n-octyl phthalate	22.965	149	640611	43.359	ng	100
87) Indeno(1,2,3-cd)pyrene	29.140	276	749013	42.939	ng	100
88) Benzo(b)fluoranthene	24.163	252	640130	46.385	ng	99
89) Benzo(k)fluoranthene	24.234	252	623742	44.976	ng	99
90) Benzo(a)pyrene	25.086	252	569759	47.747	ng	99
91) Dibenzo(a,h)anthracene	29.199	278	651760	45.288	ng	99
92) Benzo(g,h,i)perylene	30.362	276	641811	44.841	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

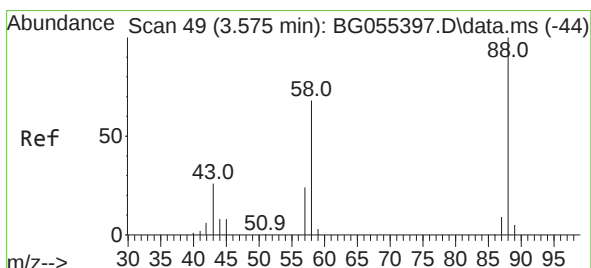
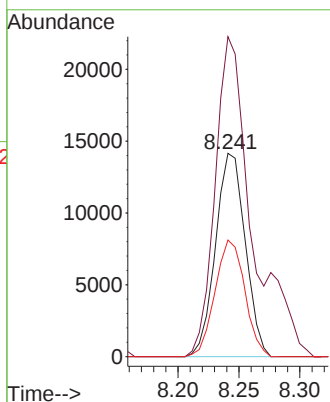
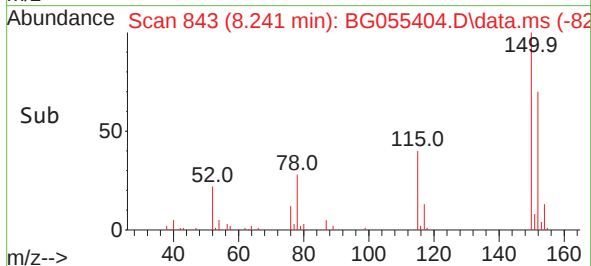
Instrument :
BNA_G
ClientSampleId :
PB148503BS



Tgt Ion:152 Resp: 24006
Ion Ratio Lower Upper
152 100
150 157.4 132.8 199.2
115 57.3 45.1 67.7

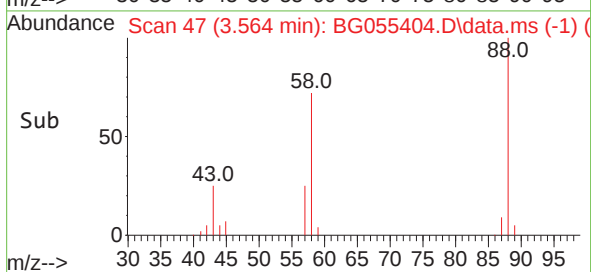
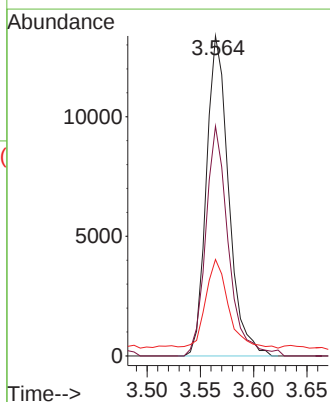
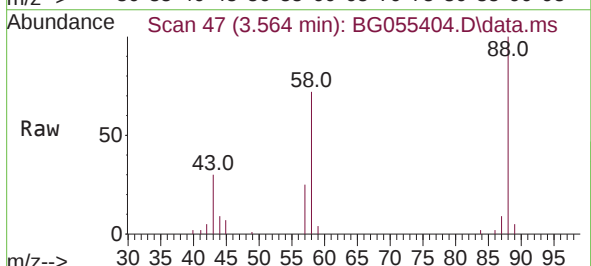
Manual Integrations
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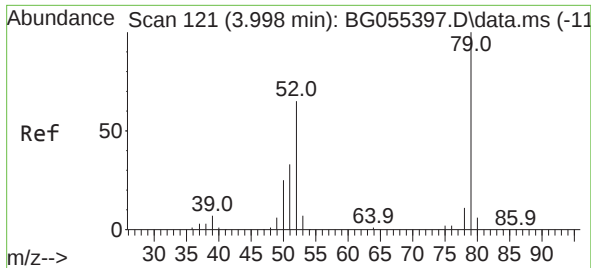
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#2
1,4-Dioxane
Concen: 32.134 ng
RT: 3.564 min Scan# 47
Delta R.T. -0.011 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion: 88 Resp: 19483
Ion Ratio Lower Upper
88 100
58 72.9 55.7 83.5
43 28.5 20.7 31.1





#3
Pyridine
Concen: 30.577 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

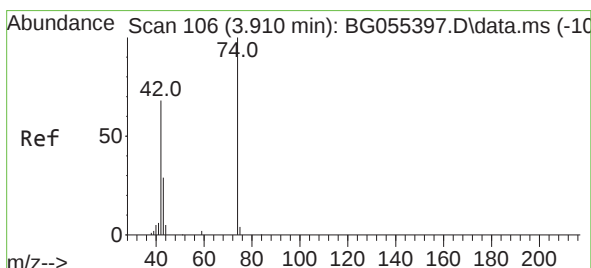
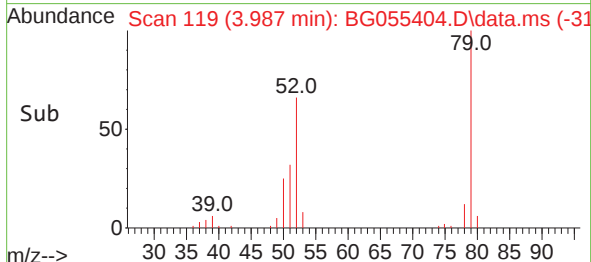
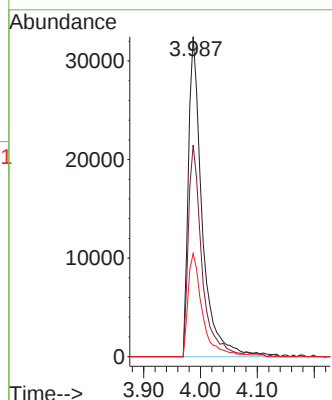
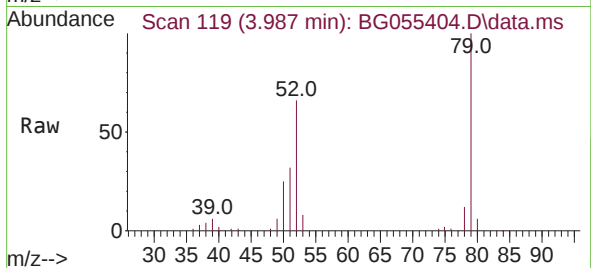
ClientSampleId :

PB148503BS

Tgt Ion: 79 Resp: 55020
Ion Ratio Lower Upper
79 100
52 66.1 51.8 77.6
51 32.2 26.6 40.0

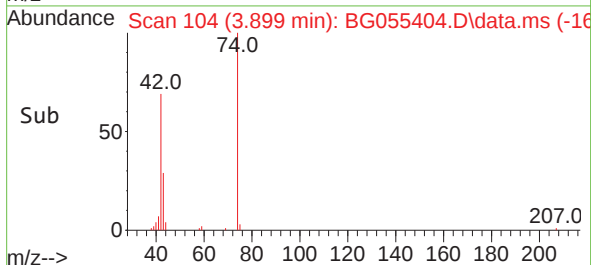
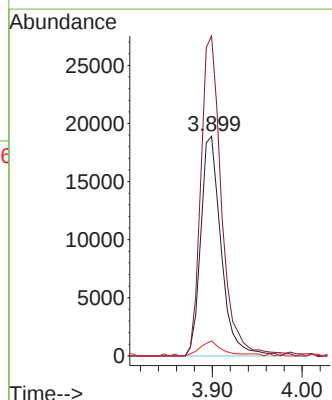
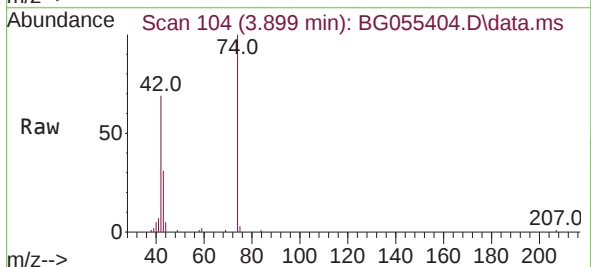
Manual Integrations
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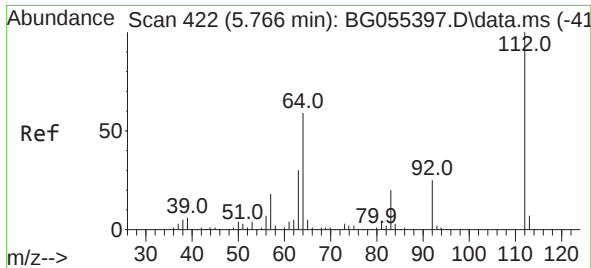
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#4
n-Nitrosodimethylamine
Concen: 41.774 ng
RT: 3.899 min Scan# 104
Delta R.T. -0.011 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

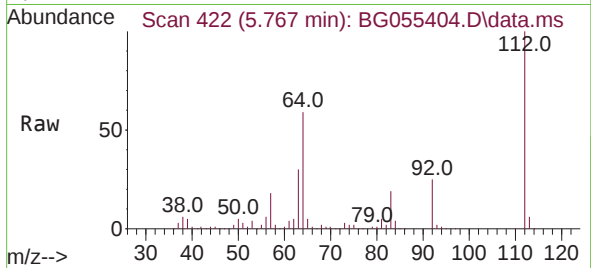
Tgt Ion: 42 Resp: 29695
Ion Ratio Lower Upper
42 100
74 145.7 118.1 177.1
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 166.348 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

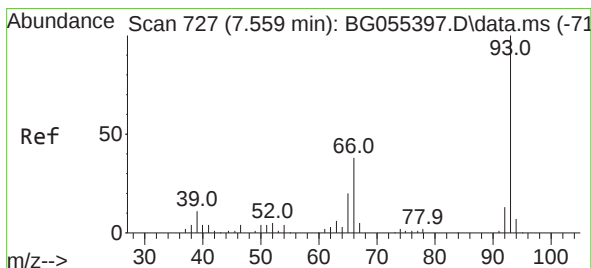
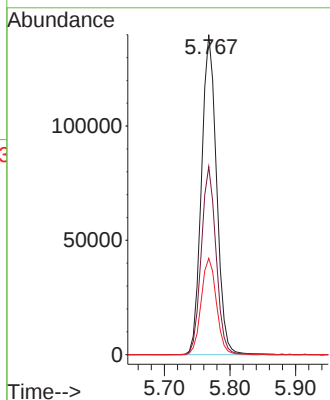
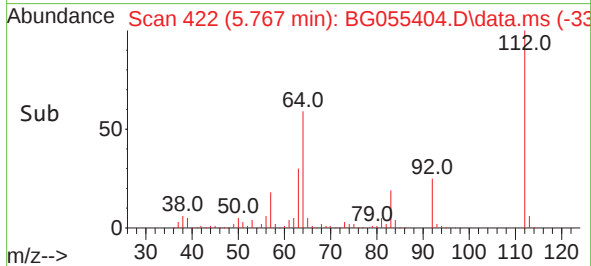
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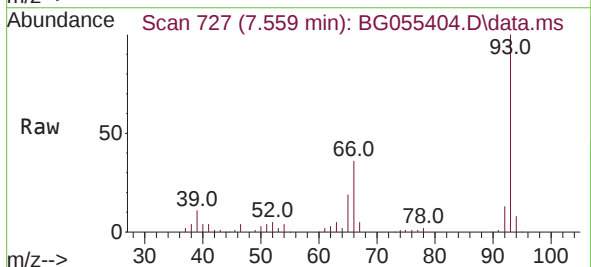
Tgt Ion:112 Resp: 222366
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 30.1 24.3 36.5

Manual Integrations
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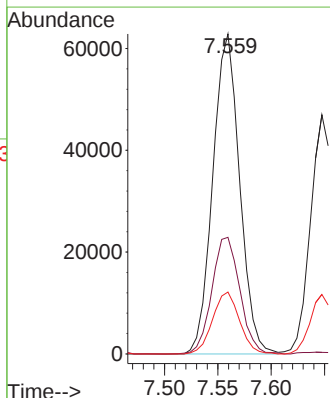
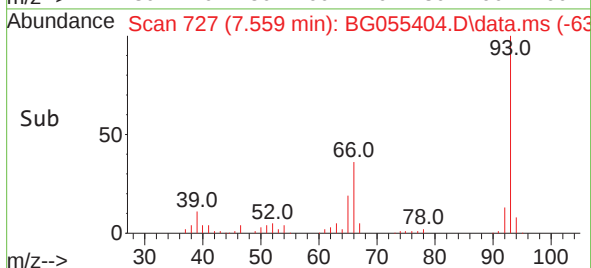
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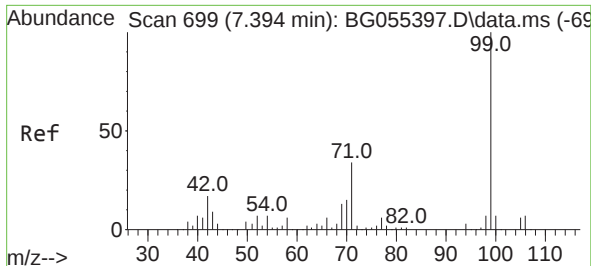


#6
Aniline
Concen: 45.798 ng
RT: 7.559 min Scan# 727
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



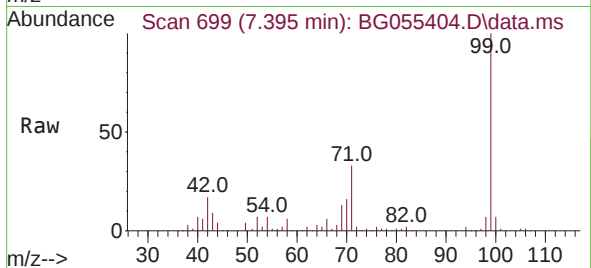
Tgt Ion: 93 Resp: 110113
Ion Ratio Lower Upper
93 100
66 36.5 30.6 45.8
65 19.3 16.4 24.6





#7
Phenol-d6
Concen: 164.204 ng
RT: 7.395 min Scan# 699
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

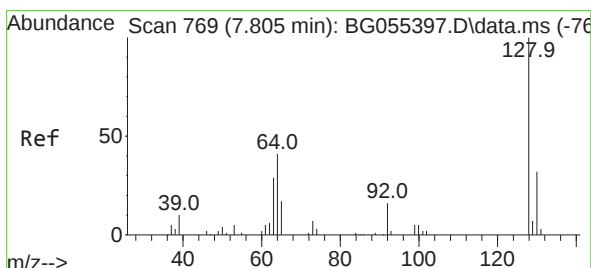
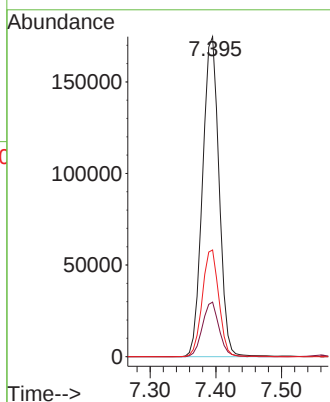
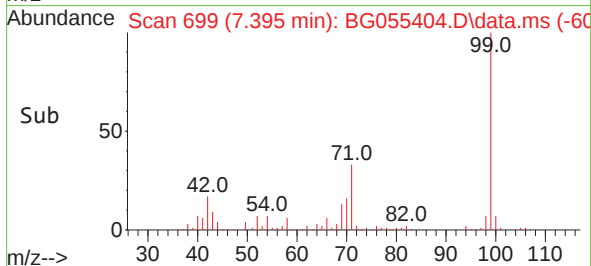
Instrument :
BNA_G
ClientSampleId :
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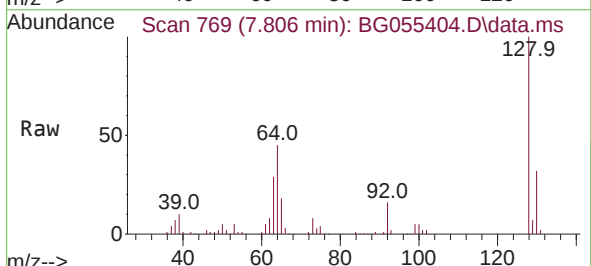
Tgt Ion: 99 Resp: 30439
Ion Ratio Lower Upper
99 100
42 17.0 13.5 20.3
71 33.3 27.4 41.0

Manual Integrations
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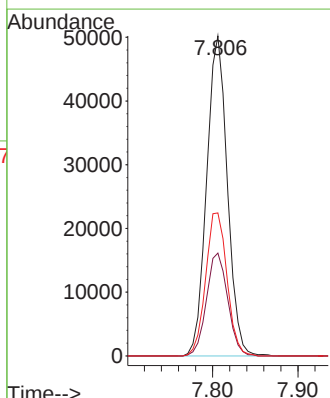
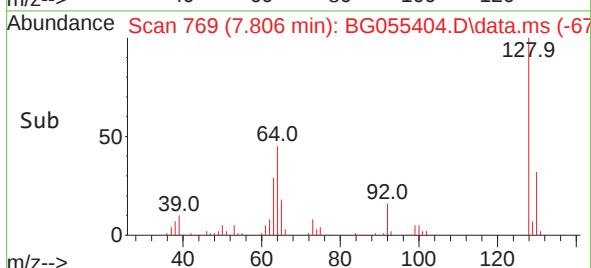
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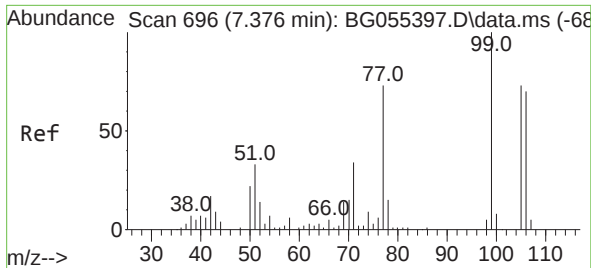


#8
2-Chlorophenol
Concen: 52.077 ng
RT: 7.806 min Scan# 769
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



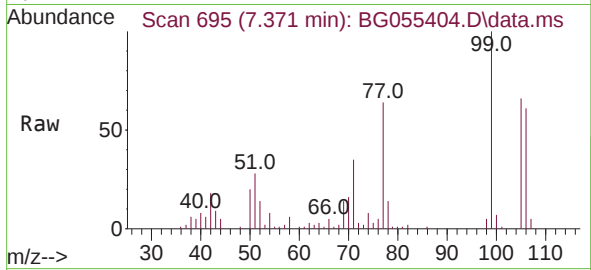
Tgt Ion:128 Resp: 84581
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 44.7 25.3 65.3





#9
Benzaldehyde
Concen: 34.529 ng
RT: 7.371 min Scan# 696
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

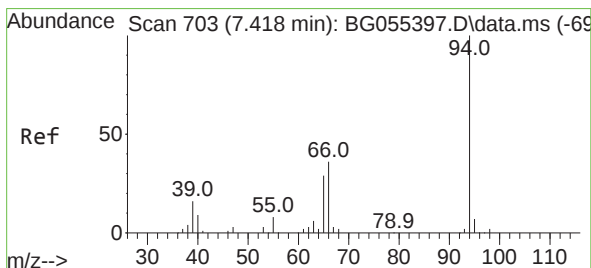
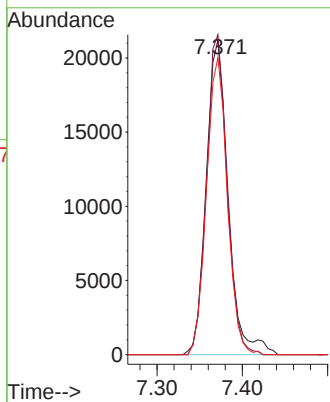
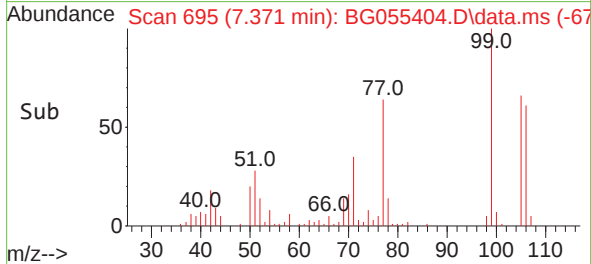
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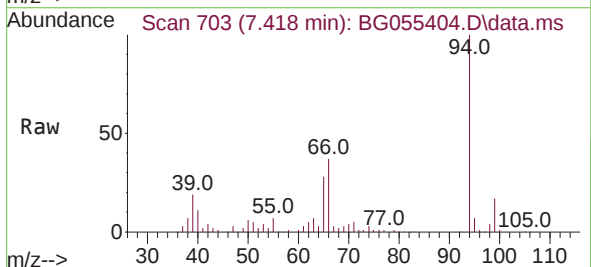
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Ion Ratio Lower Upper
77 100
105 101.8 79.7 119.7
106 94.5 75.4 115.4

Manual Integrations
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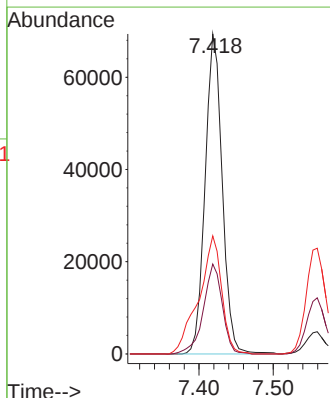
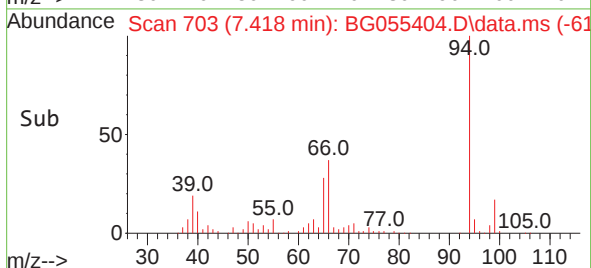
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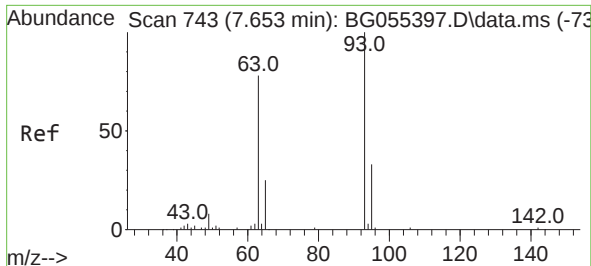


#10
Phenol
Concen: 53.000 ng
RT: 7.418 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion: 94 Resp: 111203
Ion Ratio Lower Upper
94 100
65 28.1 9.0 49.0
66 36.9 17.6 57.6





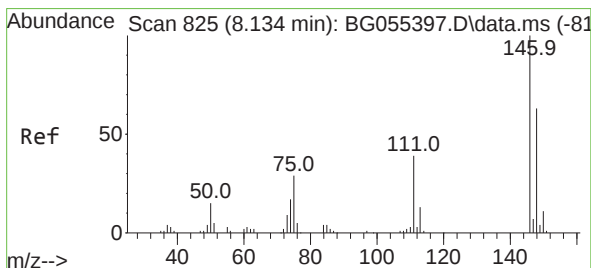
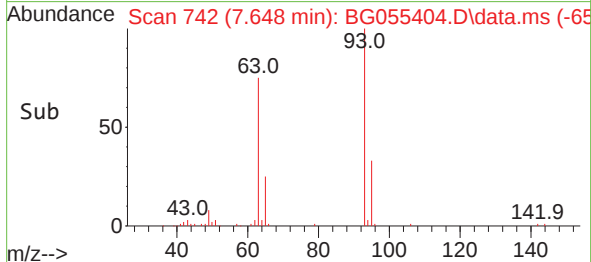
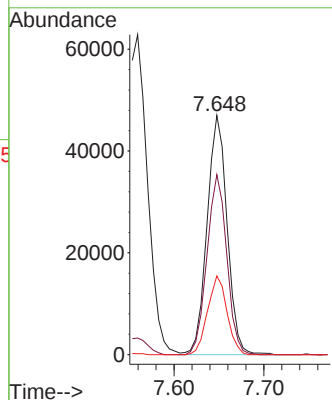
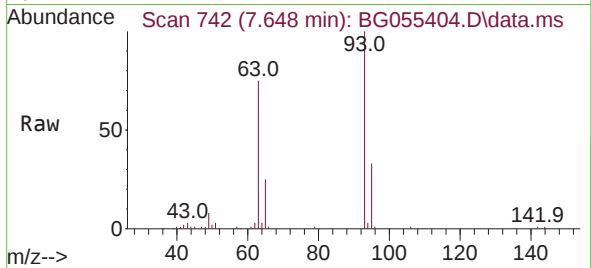
#11
bis(2-Chloroethyl)ether
Concen: 46.554 ng
RT: 7.648 min Scan# 743
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :
BNA_G
ClientSampleId :
PB148503BS

Tgt Ion: 93 Resp: 73078
Ion Ratio Lower Upper
93 100
63 75.2 57.4 97.4
95 32.9 12.5 52.5

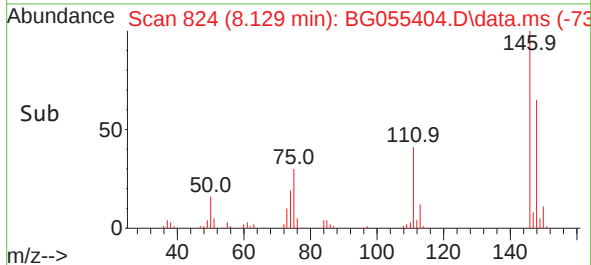
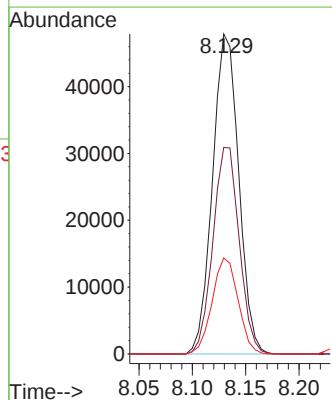
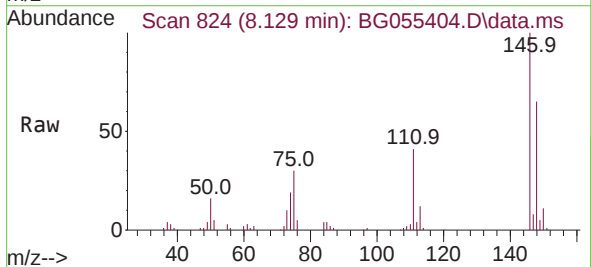
Manual Integrations
APPROVED

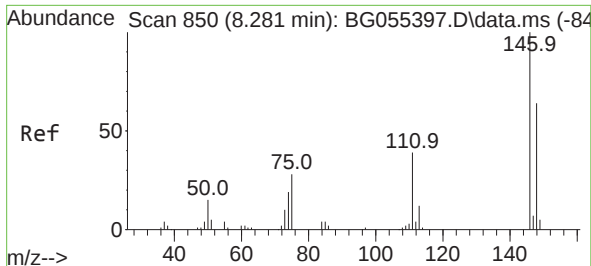
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#12
1,3-Dichlorobenzene
Concen: 44.453 ng
RT: 8.129 min Scan# 824
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

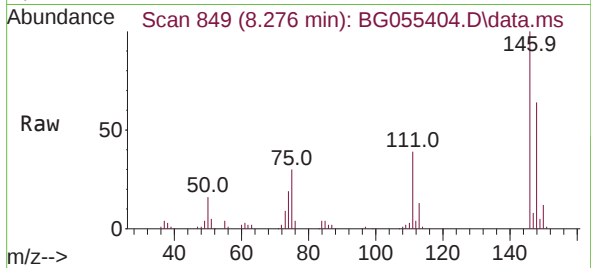
Tgt Ion:146 Resp: 81835
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 30.0 22.8 34.2





#13
1,4-Dichlorobenzene
Concen: 44.388 ng
RT: 8.276 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

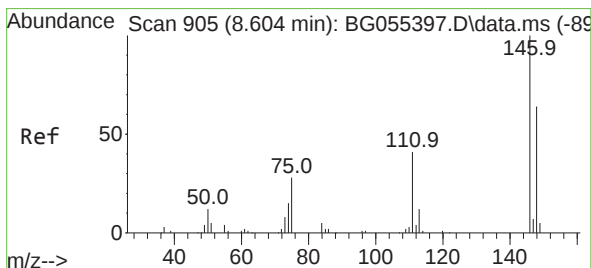
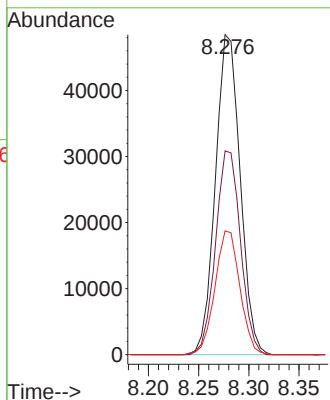
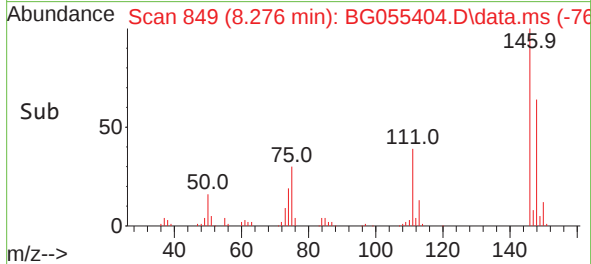
Instrument :
BNA_G
ClientSampleId :
PB148503BS



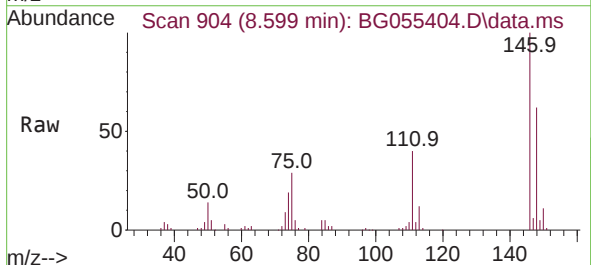
Tgt Ion:146 Resp: 83228
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 38.7 31.2 46.8

Manual Integrations
APPROVED

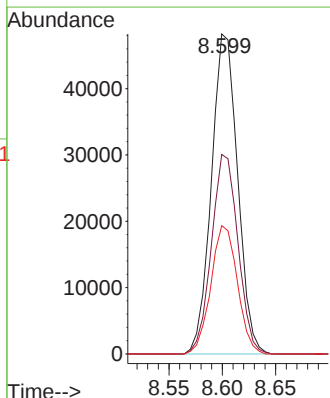
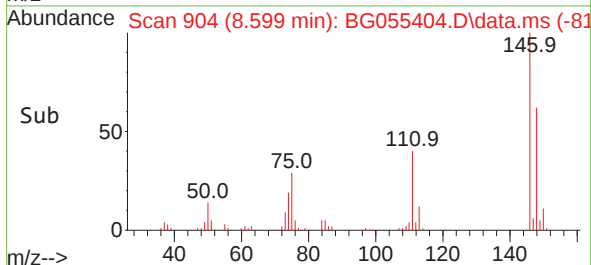
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

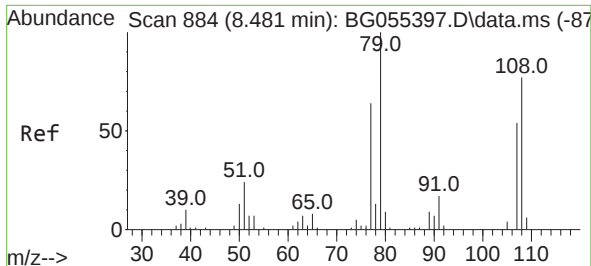


#14
1,2-Dichlorobenzene
Concen: 46.049 ng
RT: 8.599 min Scan# 904
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:146 Resp: 82644
Ion Ratio Lower Upper
146 100
148 62.3 51.4 77.2
111 40.1 33.2 49.8





#15
Benzyl Alcohol
Concen: 51.309 ng m
RT: 8.482 min Scan# 884
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

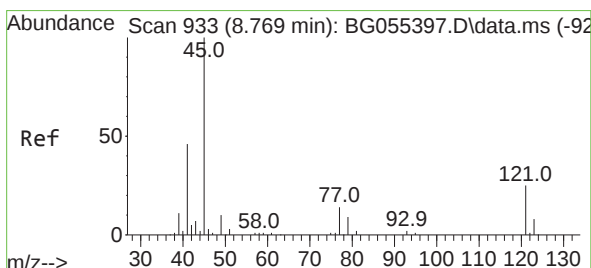
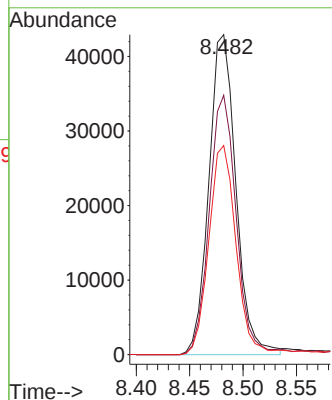
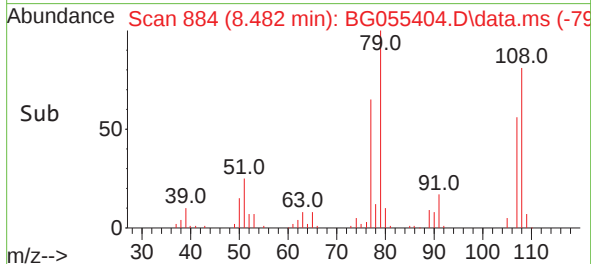
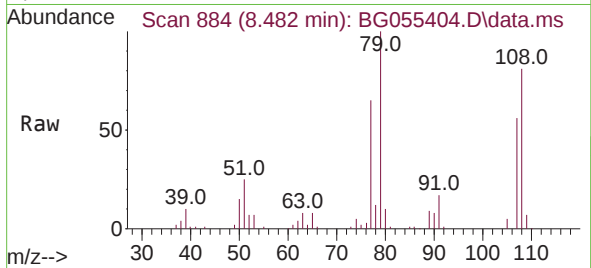
ClientSampleId :

PB148503BS

Tgt Ion: 79 Resp: 75859
Ion Ratio Lower Upper
79 100
108 81.0 61.6 92.4
77 65.3 51.4 77.0

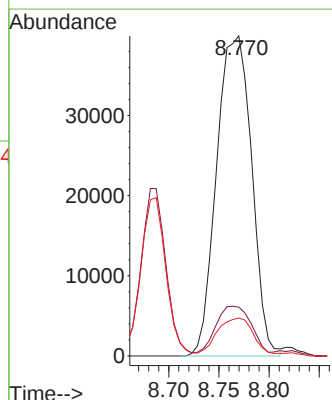
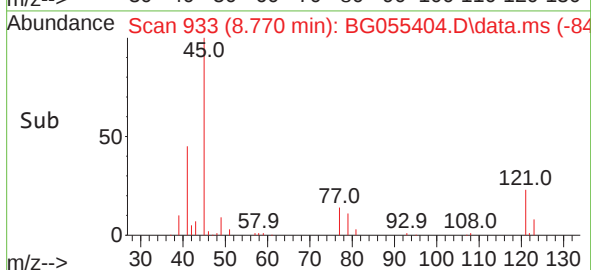
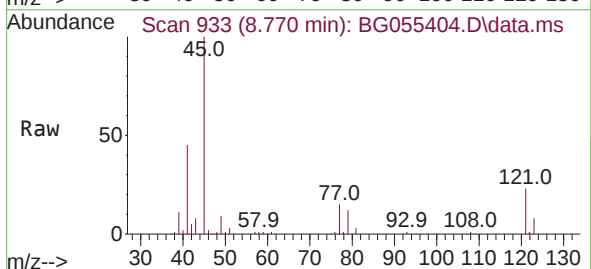
Manual Integrations
APPROVED

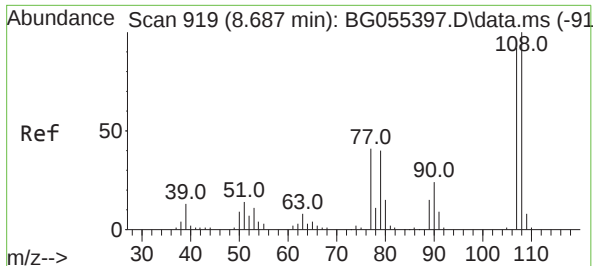
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.410 ng
RT: 8.770 min Scan# 933
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion: 45 Resp: 96928
Ion Ratio Lower Upper
45 100
77 15.2 0.0 36.6
79 11.8 0.0 31.3





#17
2-Methylphenol
Concen: 52.709 ng
RT: 8.682 min Scan# 919
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

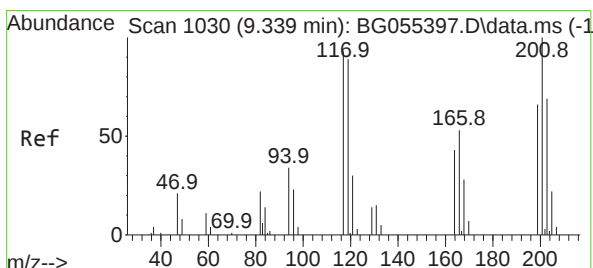
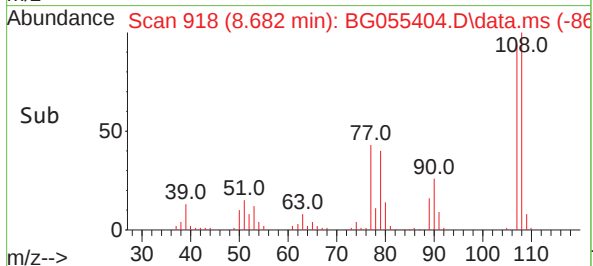
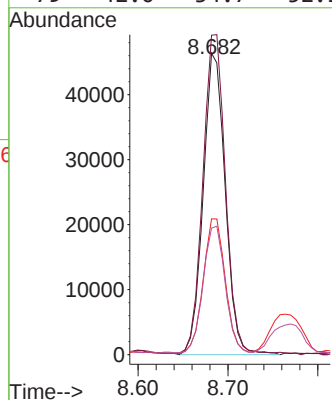
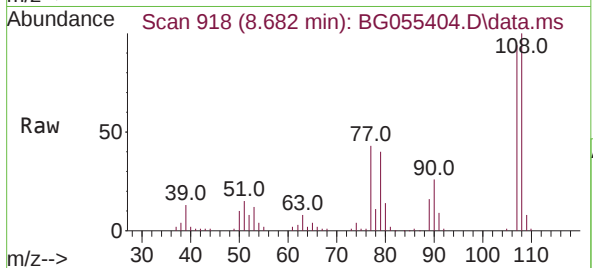
PB148503BS

Tgt Ion:107 Resp: 79573
Ion Ratio Lower Upper
107 100
108 106.0 86.9 130.3
77 45.1 36.1 54.1
79 42.0 34.7 52.1

Manual Integrations

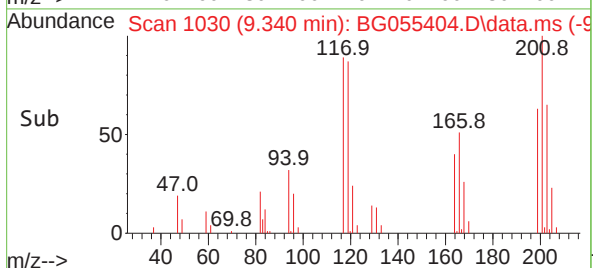
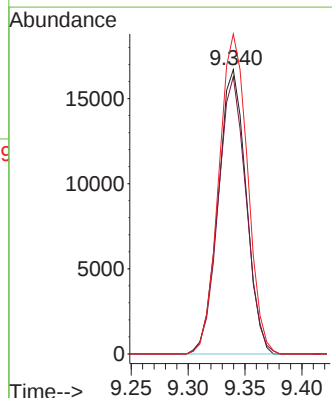
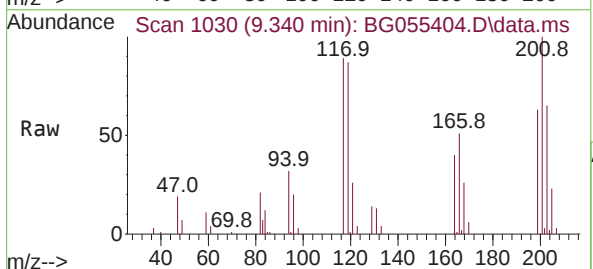
APPROVED

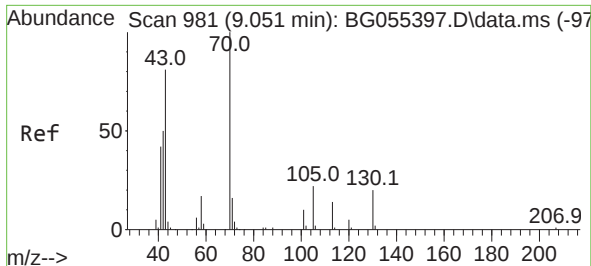
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#18
Hexachloroethane
Concen: 44.540 ng
RT: 9.340 min Scan# 1030
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion:117 Resp: 28489
Ion Ratio Lower Upper
117 100
119 97.6 76.5 114.7
201 112.6 86.1 129.1





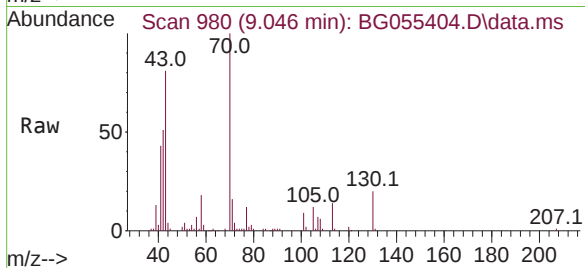
#19
n-Nitroso-di-n-propylamine
Concen: 46.858 ng
RT: 9.046 min Scan# 981
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

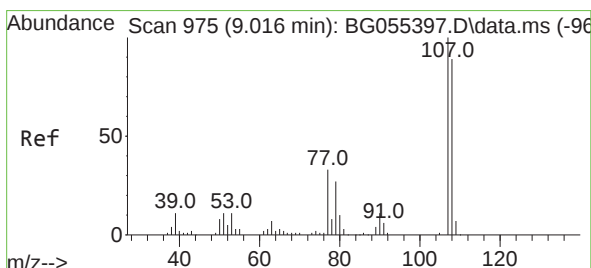
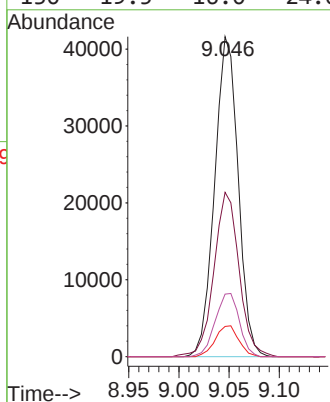
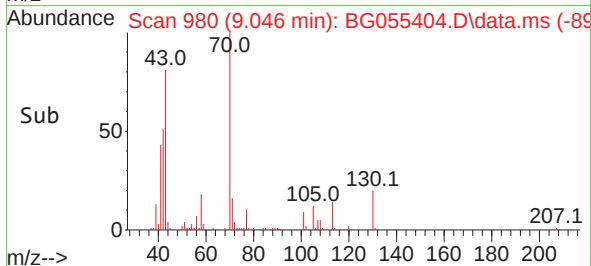


Tgt Ion: 70 Resp: 67874
Ion Ratio Lower Upper
70 100
42 51.3 40.6 61.0
101 9.4 7.8 11.6
130 19.5 16.0 24.0

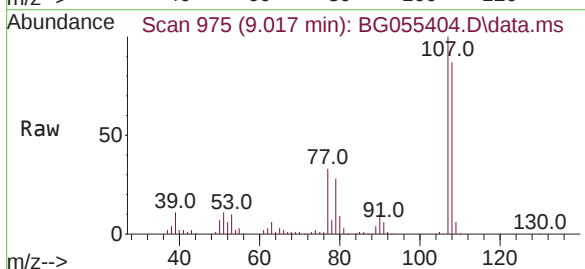
Manual Integrations

APPROVED

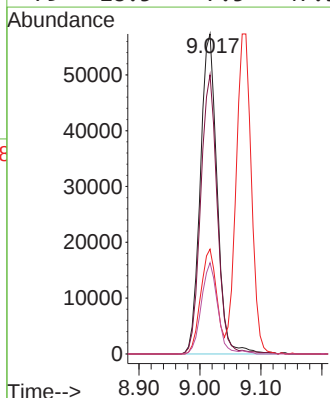
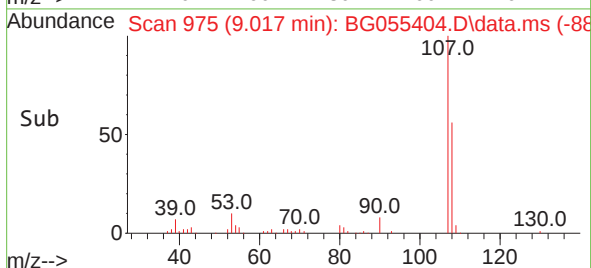
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

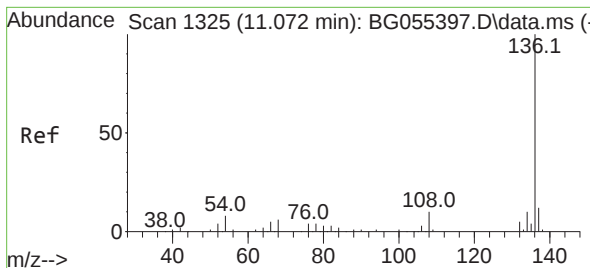


#20
3+4-Methylphenols
Concen: 51.090 ng
RT: 9.017 min Scan# 975
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:107 Resp: 109589
Ion Ratio Lower Upper
107 100
108 87.3 69.1 109.1
77 32.8 12.8 52.8
79 28.5 7.5 47.5





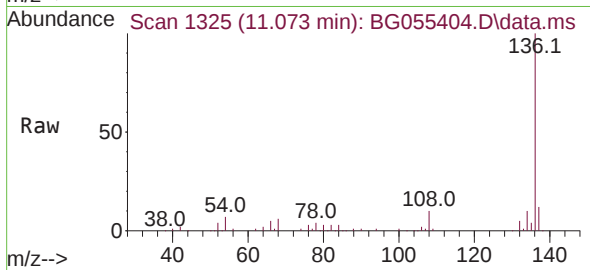
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

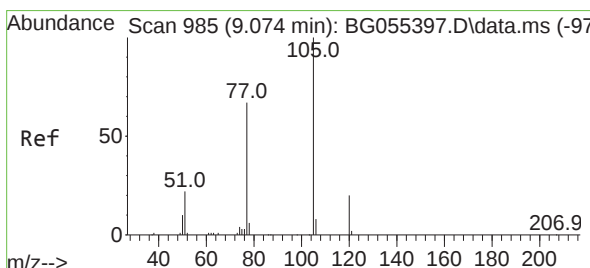
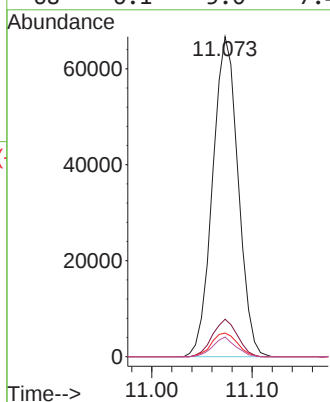
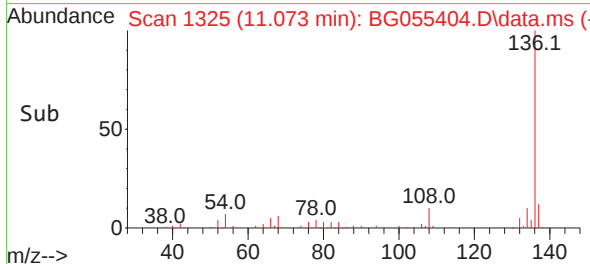


Tgt Ion:136 Resp: 117748
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 7.4 6.1 9.1
68 6.1 5.0 7.4

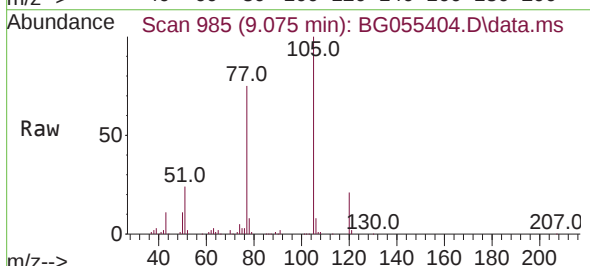
Manual Integrations

APPROVED

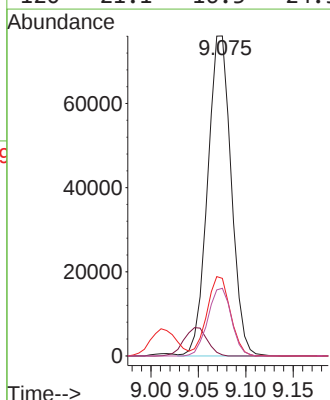
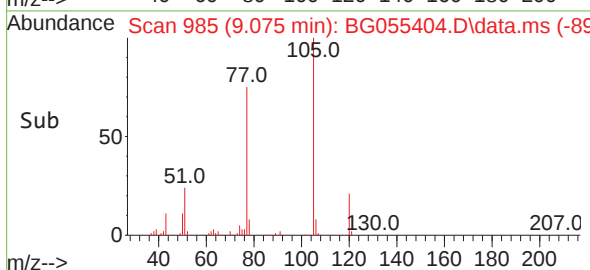
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

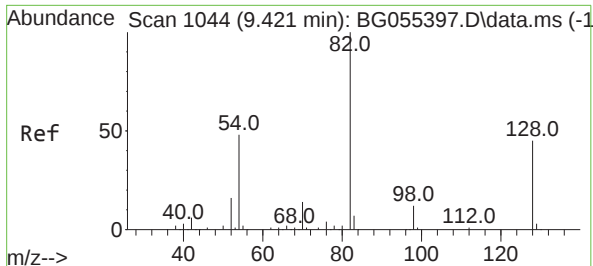


#22
Acetophenone
Concen: 42.671 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:105 Resp: 131696
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 24.2 19.6 29.4
120 21.1 16.3 24.5





#23

Nitrobenzene-d5

Concen: 81.718 ng

RT: 9.422 min Scan# 1044

Delta R.T. 0.001 min

Lab File: BG055404.D

Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

Tgt Ion: 82 Resp: 180546

Ion Ratio Lower Upper

82 100

128 46.2 35.8 53.8

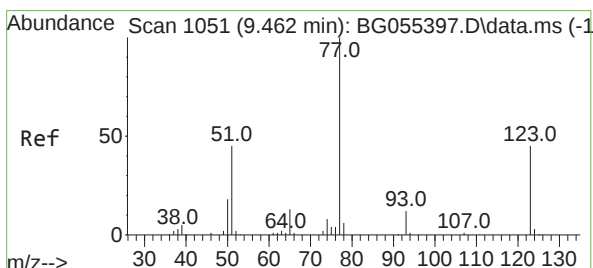
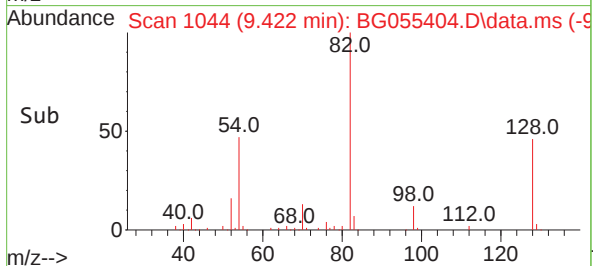
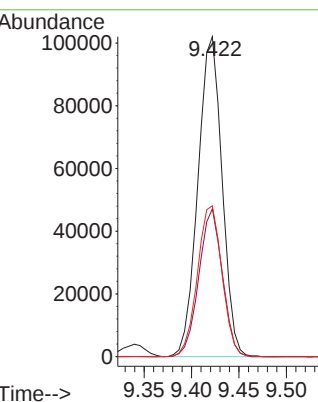
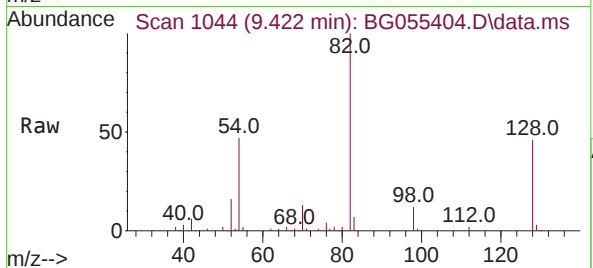
54 47.2 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#24

Nitrobenzene

Concen: 41.484 ng

RT: 9.463 min Scan# 1051

Delta R.T. 0.001 min

Lab File: BG055404.D

Acq: 1 Nov 2022 22:41

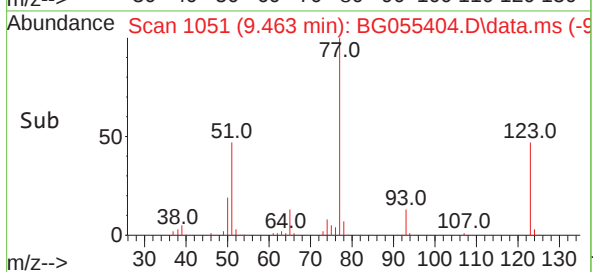
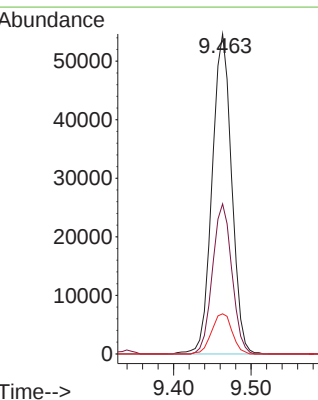
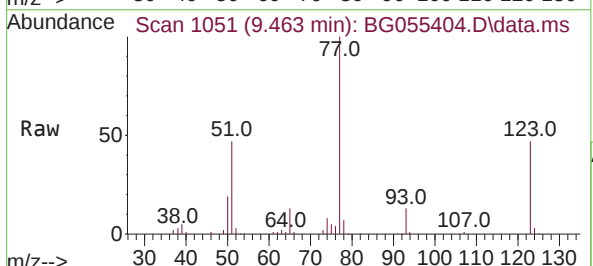
Tgt Ion: 77 Resp: 95557

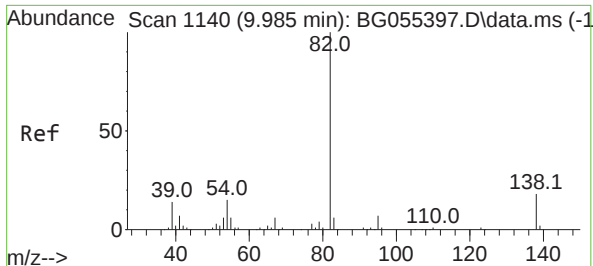
Ion Ratio Lower Upper

77 100

123 46.9 35.8 53.8

65 12.5 10.2 15.4





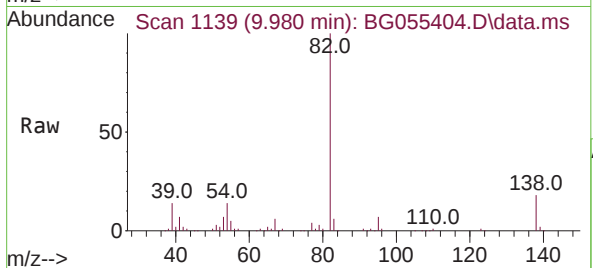
#25
Isophorone
Concen: 43.849 ng
RT: 9.980 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

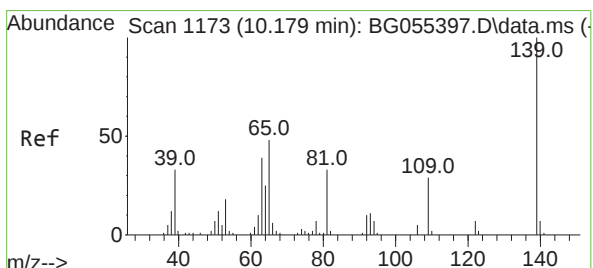
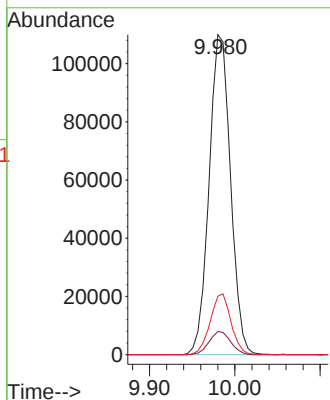
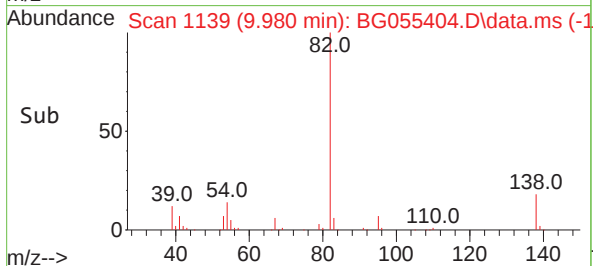


Tgt Ion: 82 Resp: 191864
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.3 14.6 21.8

Manual Integrations

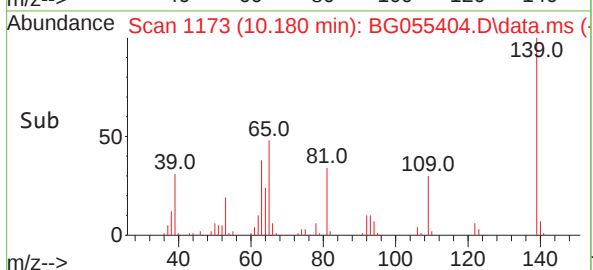
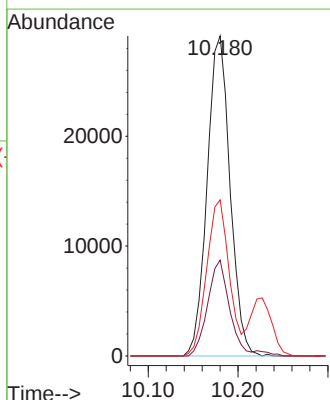
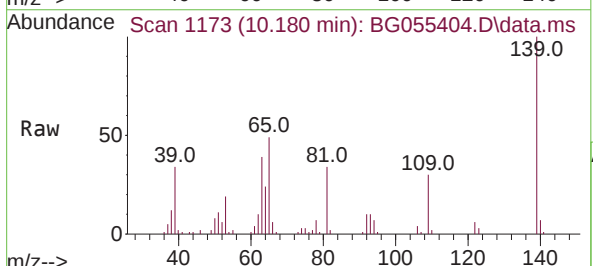
APPROVED

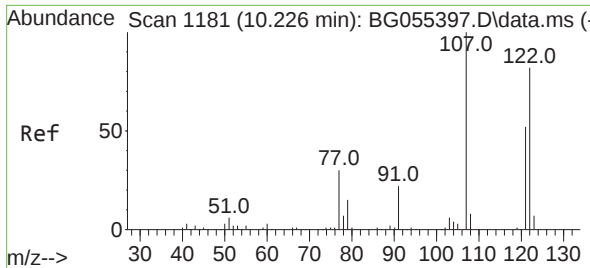
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#26
2-Nitrophenol
Concen: 43.609 ng
RT: 10.180 min Scan# 1173
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion:139 Resp: 51724
Ion Ratio Lower Upper
139 100
109 30.0 22.9 34.3
65 48.8 38.7 58.1





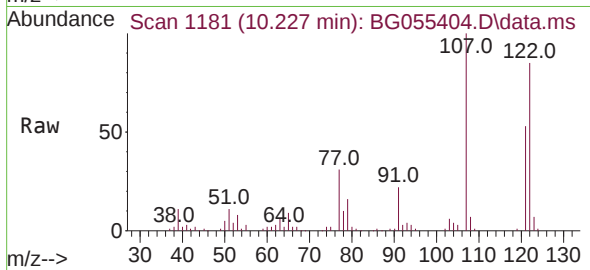
#27
2,4-Dimethylphenol
Concen: 52.994 ng
RT: 10.227 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

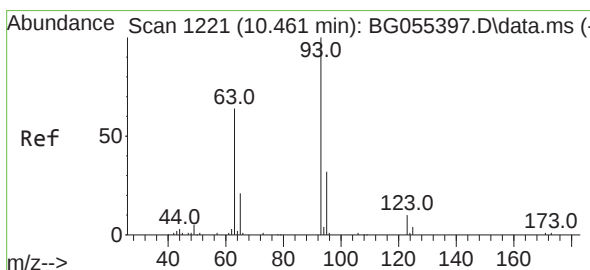
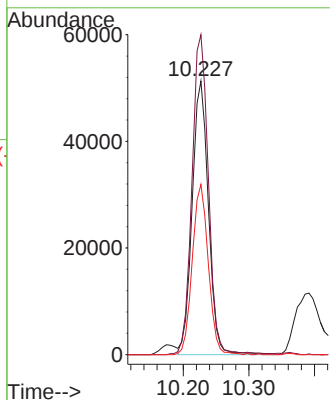
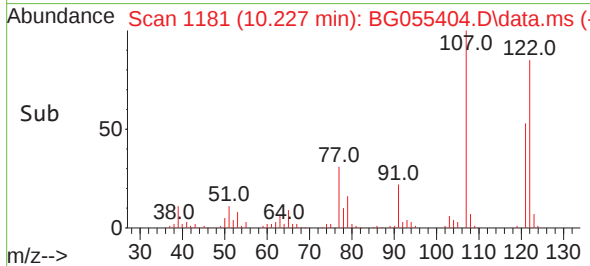


Tgt Ion:122 Resp: 88133
Ion Ratio Lower Upper
122 100
107 117.0 95.4 143.2
121 62.2 49.5 74.3

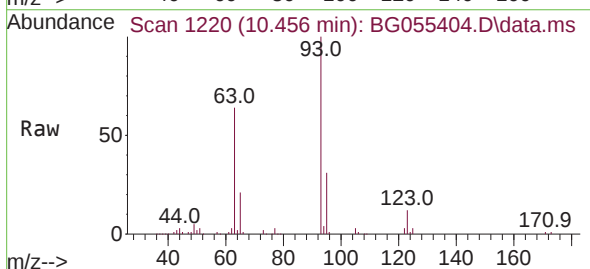
Manual Integrations

APPROVED

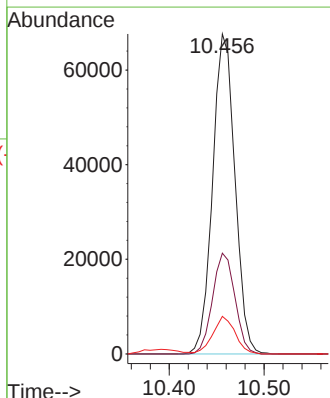
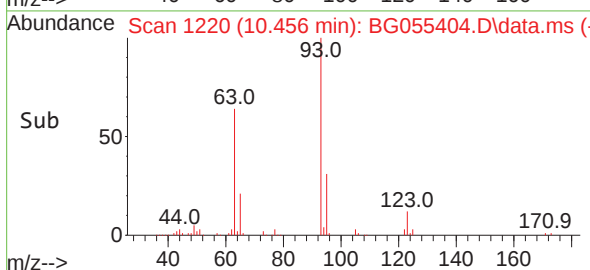
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

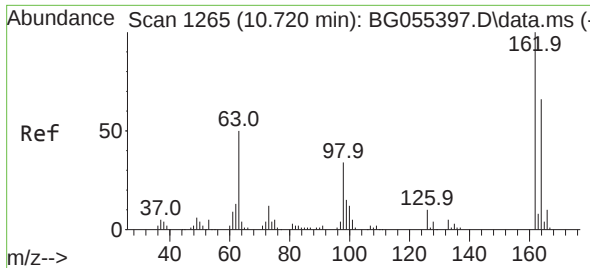


#28
bis(2-Chloroethoxy)methane
Concen: 47.388 ng
RT: 10.456 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion: 93 Resp: 110442
Ion Ratio Lower Upper
93 100
95 31.5 25.7 38.5
123 11.7 8.4 12.6





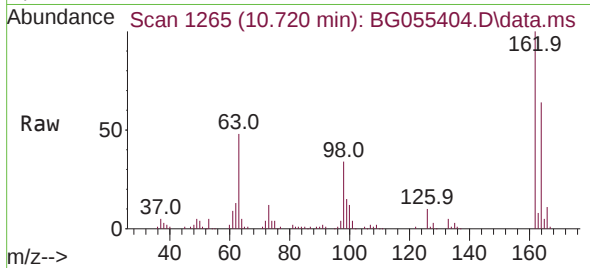
#29
2,4-Dichlorophenol
Concen: 46.333 ng
RT: 10.720 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

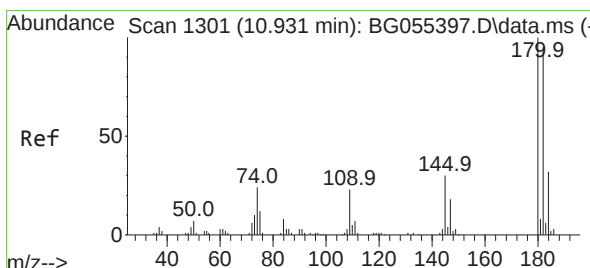
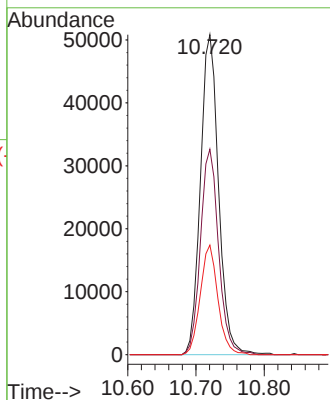
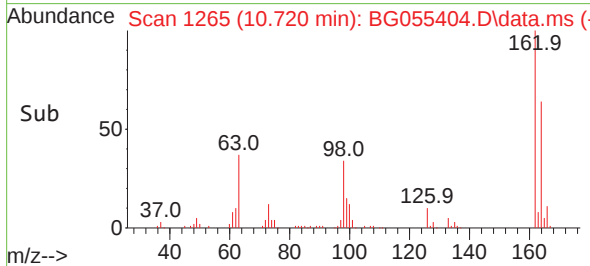


Tgt Ion:162 Resp: 93995
Ion Ratio Lower Upper
162 100
164 64.2 46.1 86.1
98 34.2 13.8 53.8

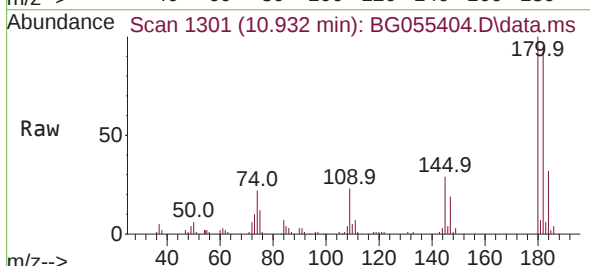
Manual Integrations

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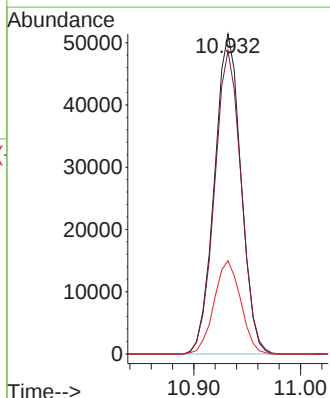
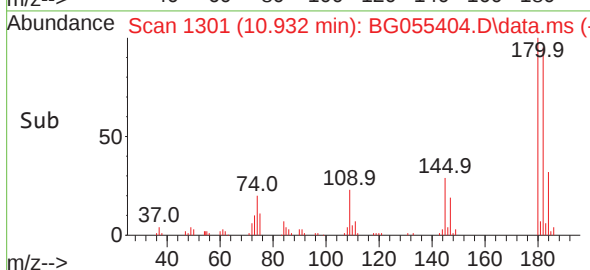
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

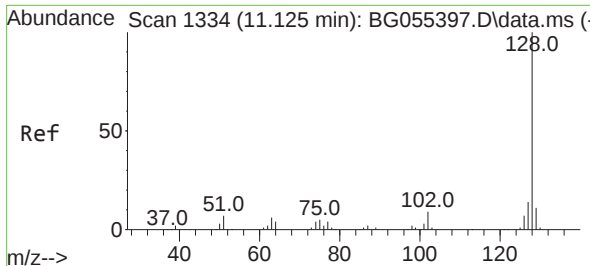


#30
1,2,4-Trichlorobenzene
Concen: 40.370 ng
RT: 10.932 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



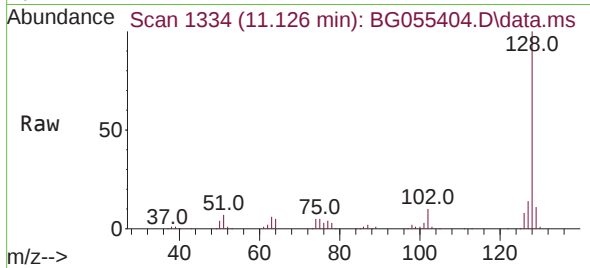
Tgt Ion:180 Resp: 88686
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.2
145 29.1 23.9 35.9





#31
Naphthalene
Concen: 40.820 ng
RT: 11.126 min Scan# 1334
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

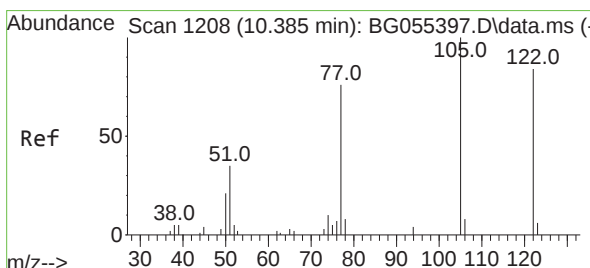
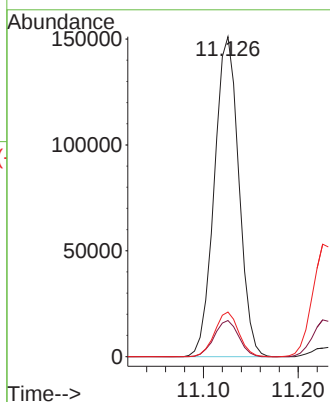
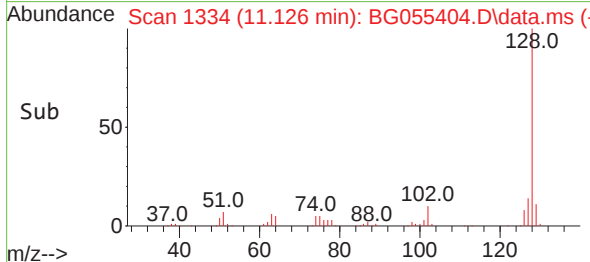
Instrument :
BNA_G
ClientSampleId :
PB148503BS



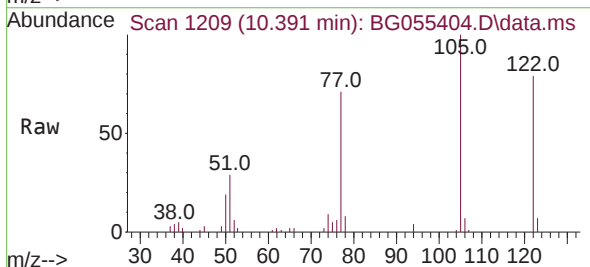
Tgt Ion:128 Resp: 270617
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.9 10.8 16.2

Manual Integrations
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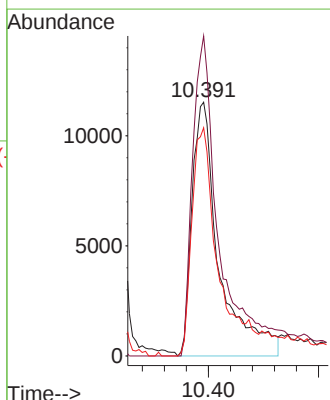
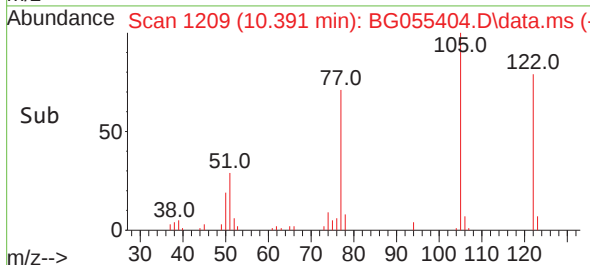
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

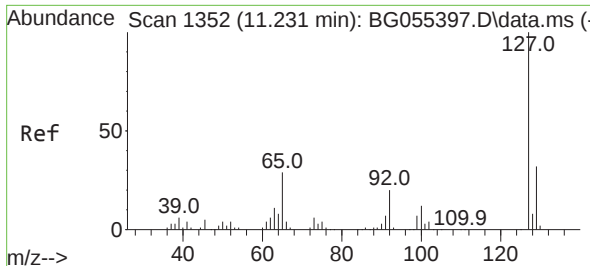


#32
Benzoic acid
Concen: 40.907 ng
RT: 10.391 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:122 Resp: 39466
Ion Ratio Lower Upper
122 100
105 126.1 97.4 137.4
77 89.9 69.5 109.5





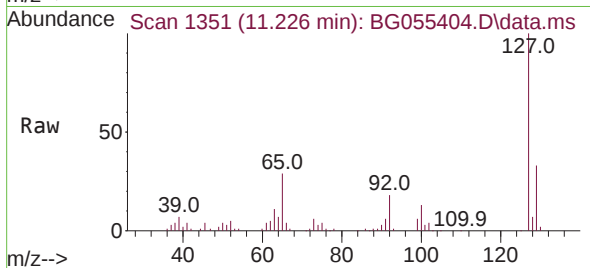
#33
4-Chloroaniline
Concen: 37.250 ng
RT: 11.226 min Scan# 1351
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

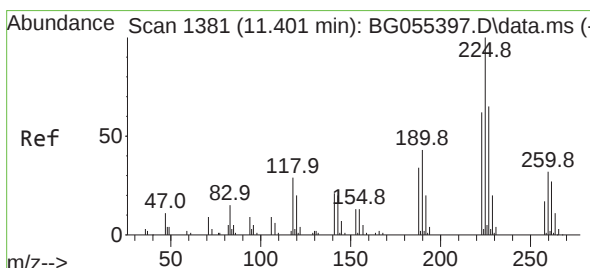
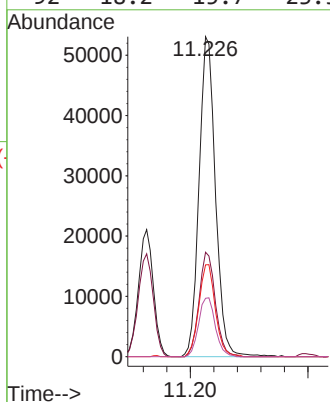
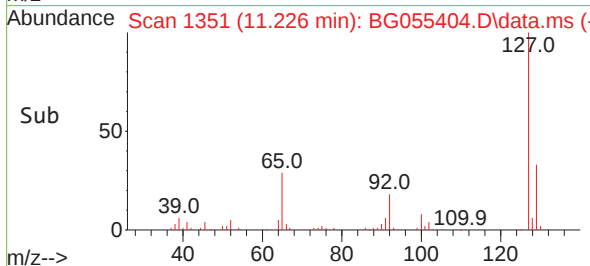


Tgt Ion:127 Resp: 102612
Ion Ratio Lower Upper
127 100
129 32.6 25.3 37.9
65 28.7 23.0 34.4
92 18.2 15.7 23.5

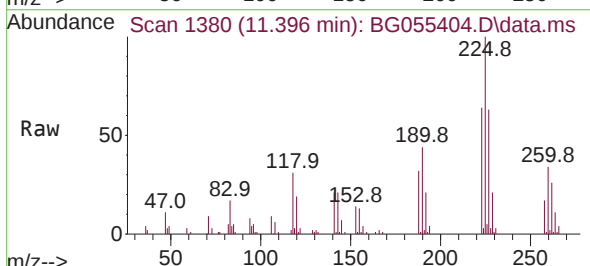
Manual Integrations

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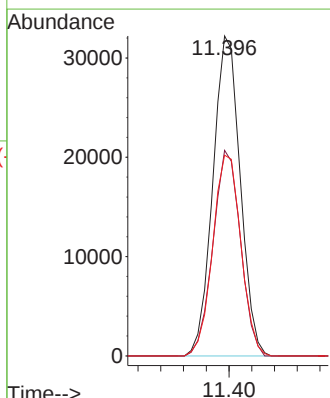
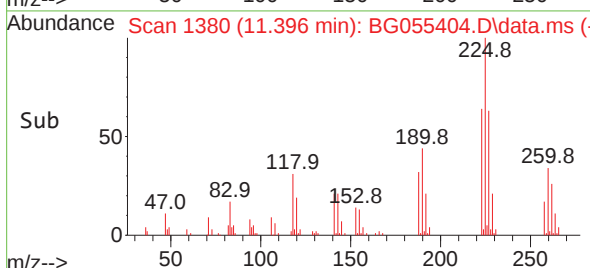
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

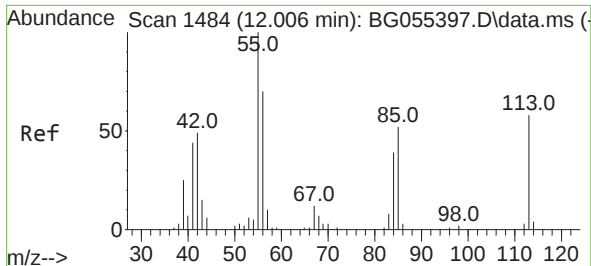


#34
Hexachlorobutadiene
Concen: 39.377 ng
RT: 11.396 min Scan# 1380
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



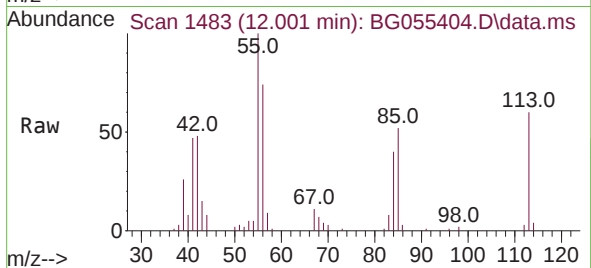
Tgt Ion:225 Resp: 53770
Ion Ratio Lower Upper
225 100
223 64.2 49.9 74.9
227 62.7 51.9 77.9





#35
Caprolactam
Concen: 46.197 ng m
RT: 12.001 min Scan# 1483
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

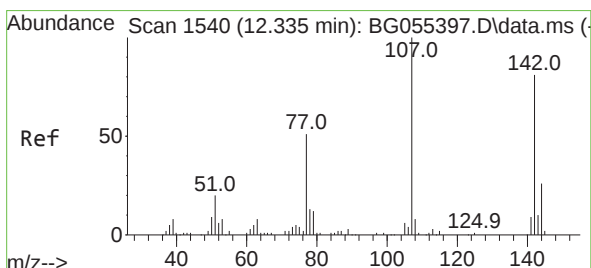
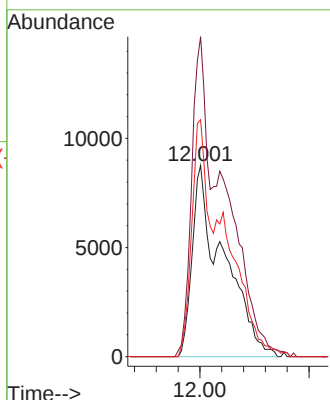
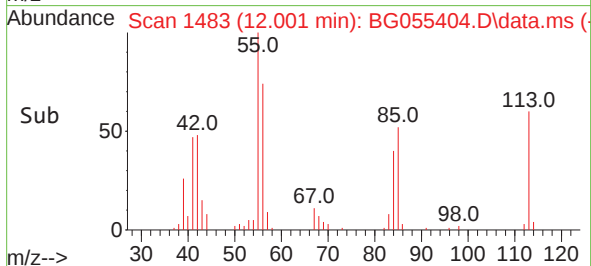
Instrument :
BNA_G
ClientSampleId :
PB148503BS



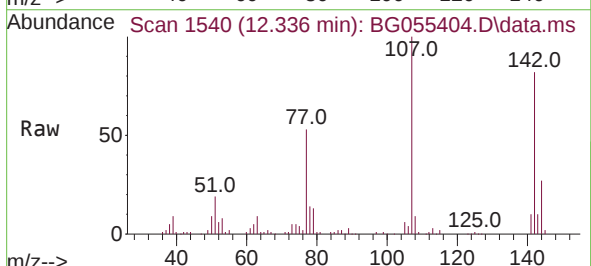
Tgt Ion:113 Resp: 34700
Ion Ratio Lower Upper
113 100
55 167.4 152.6 192.6
56 123.9 100.5 140.5

Manual Integrations
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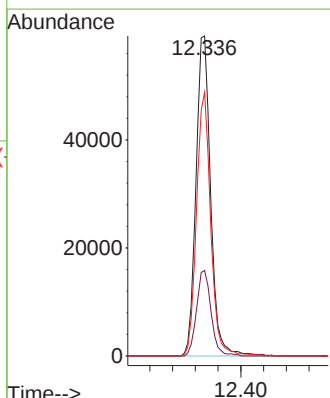
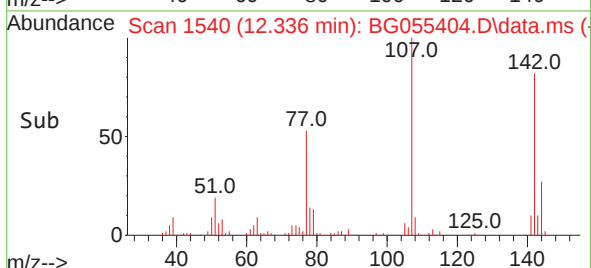
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

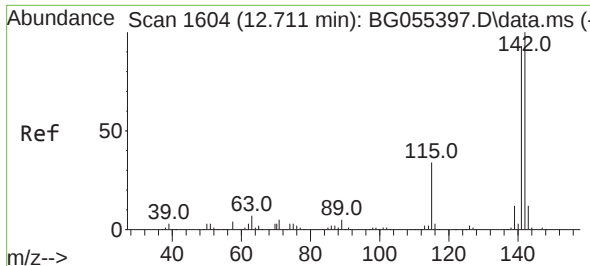


#36
4-Chloro-3-methylphenol
Concen: 47.540 ng
RT: 12.336 min Scan# 1540
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



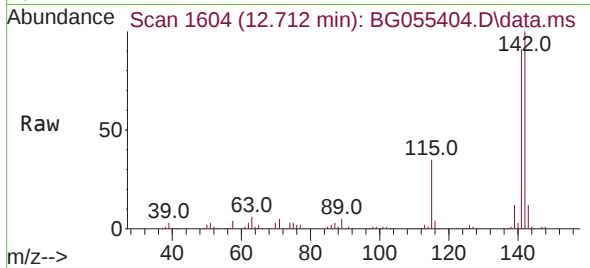
Tgt Ion:107 Resp: 105600
Ion Ratio Lower Upper
107 100
144 26.7 20.6 31.0
142 82.4 64.7 97.1





#37
2-Methylnaphthalene
Concen: 42.334 ng
RT: 12.712 min Scan# 1604
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

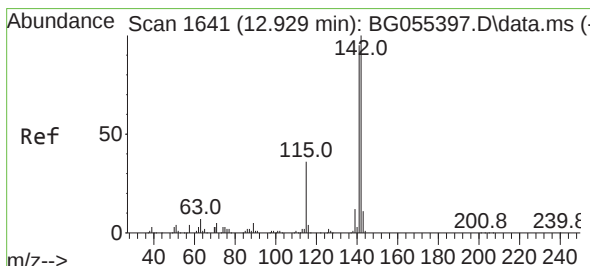
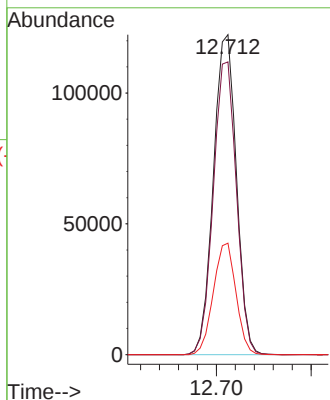
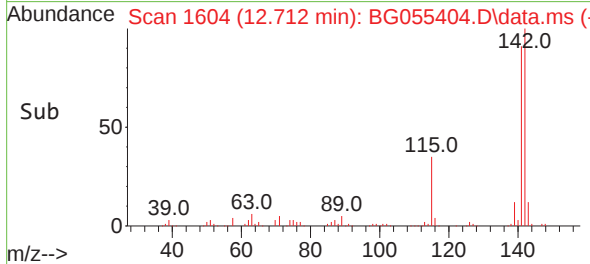
Instrument :
BNA_G
ClientSampleId :
PB148503BS



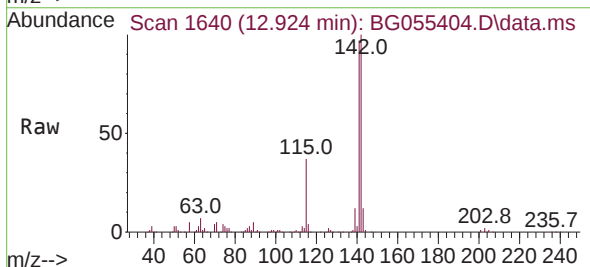
Tgt Ion:142 Resp: 206152
Ion Ratio Lower Upper
142 100
141 91.5 74.5 111.7
115 34.8 27.4 41.2

Manual Integrations
APPROVED

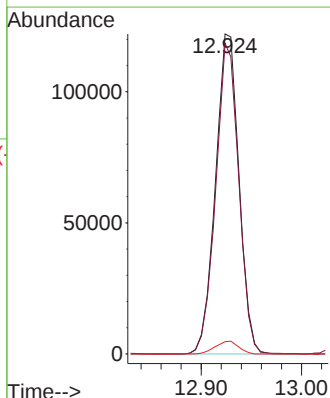
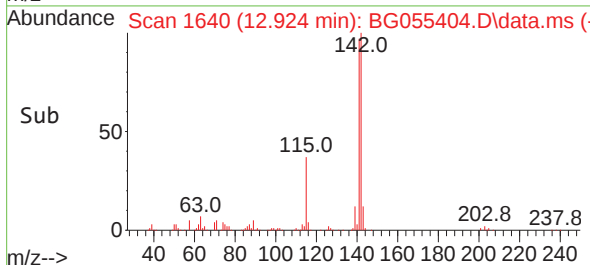
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

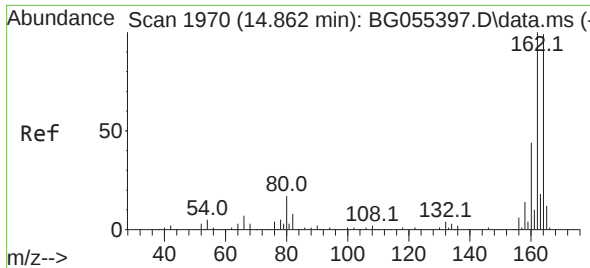


#38
1-Methylnaphthalene
Concen: 41.790 ng
RT: 12.924 min Scan# 1640
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:142 Resp: 198488
Ion Ratio Lower Upper
142 100
141 97.1 76.1 114.1
116 3.8 3.0 4.4





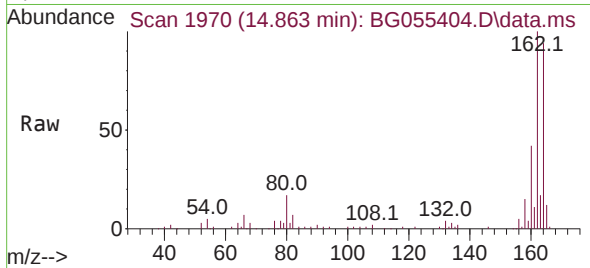
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

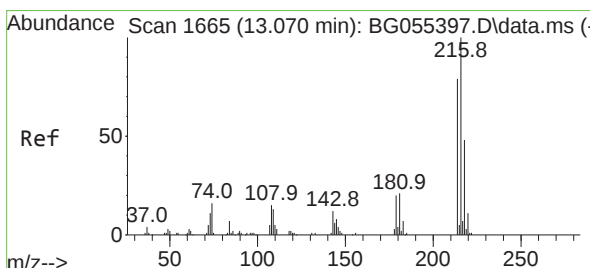
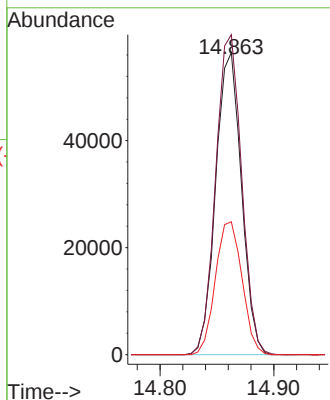
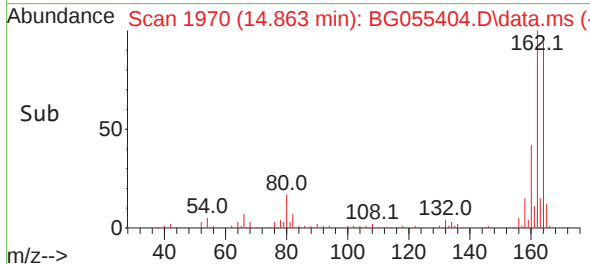


Tgt Ion:164 Resp: 88693
Ion Ratio Lower Upper
164 100
162 105.9 81.1 121.7
160 44.0 35.8 53.6

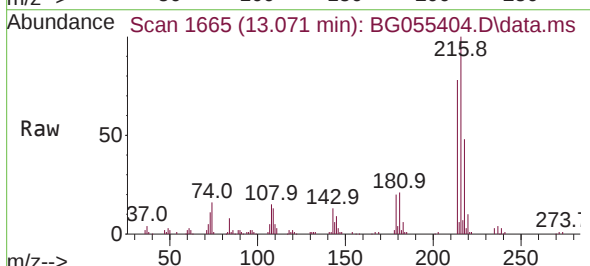
Manual Integrations

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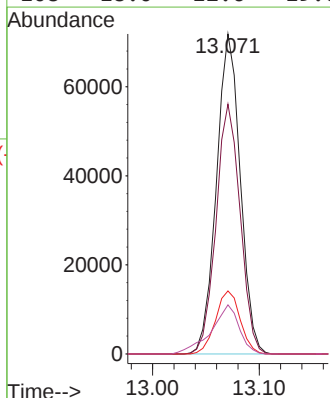
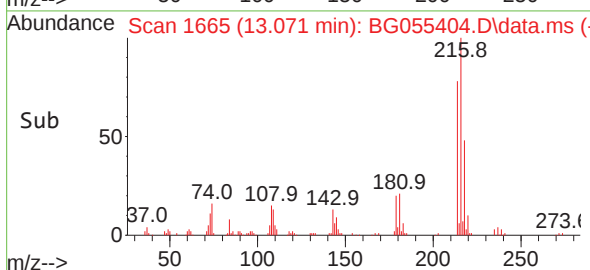
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

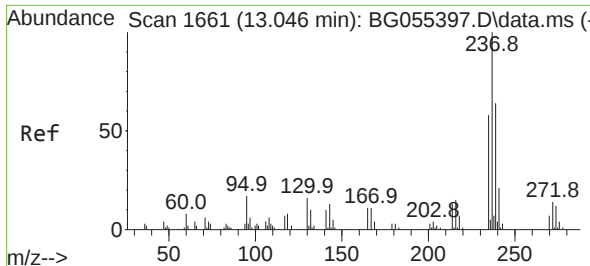


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.577 ng
RT: 13.071 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:216 Resp: 111551
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 20.3 16.6 24.8
108 18.0 12.6 19.0





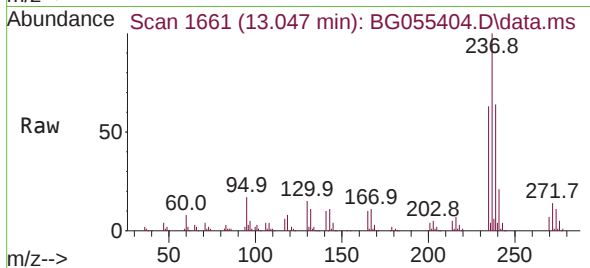
#41
Hexachlorocyclopentadiene
Concen: 96.746 ng
RT: 13.047 min Scan# 1661
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

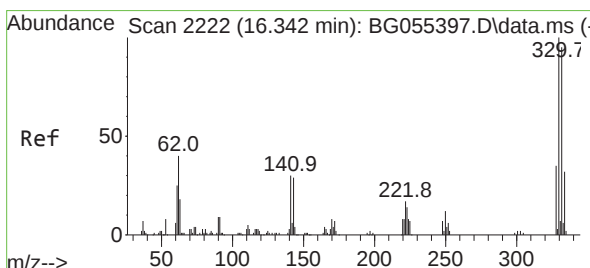
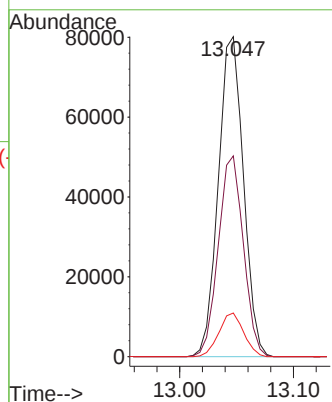
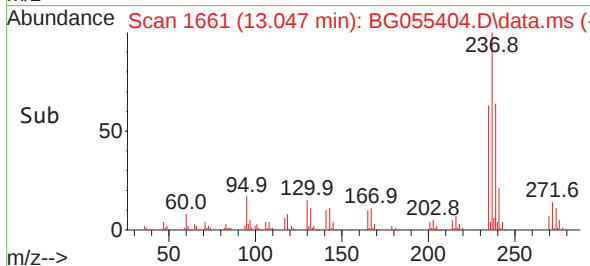


Tgt Ion:237 Resp: 122814
Ion Ratio Lower Upper
237 100
235 62.7 38.1 78.1
272 13.6 0.0 33.7

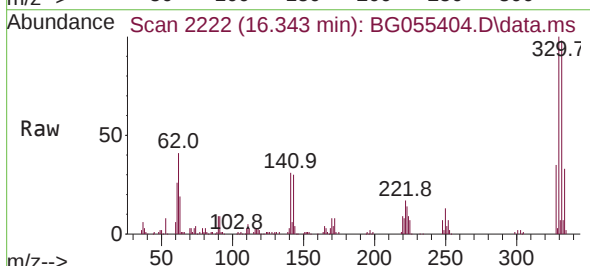
Manual Integrations

APPROVED

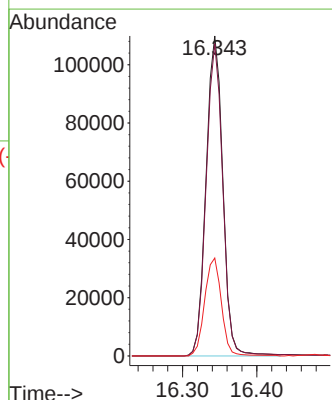
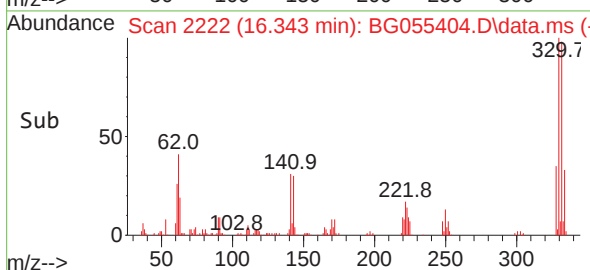
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

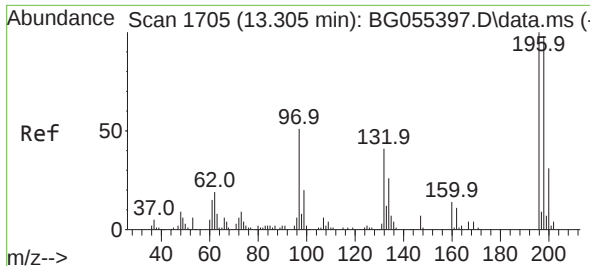


#42
2,4,6-Tribromophenol
Concen: 142.660 ng
RT: 16.343 min Scan# 2222
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:330 Resp: 172589
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.6
141 30.5 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 44.284 ng
RT: 13.306 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

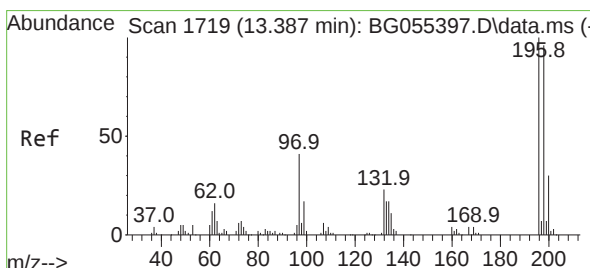
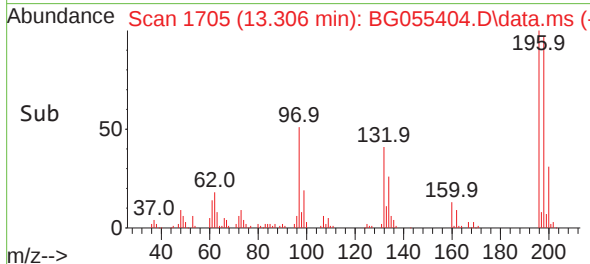
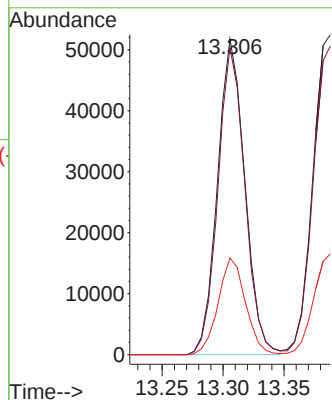
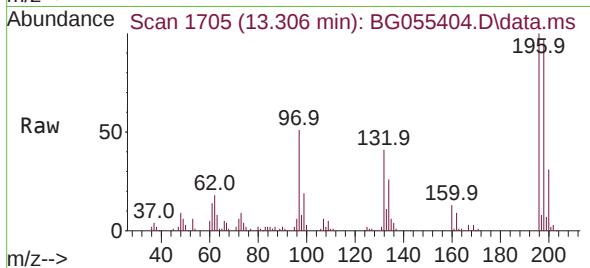
PB148503BS

Tgt Ion:196 Resp: 80796
Ion Ratio Lower Upper
196 100
198 97.3 78.8 118.2
200 30.6 25.0 37.6

Manual Integrations

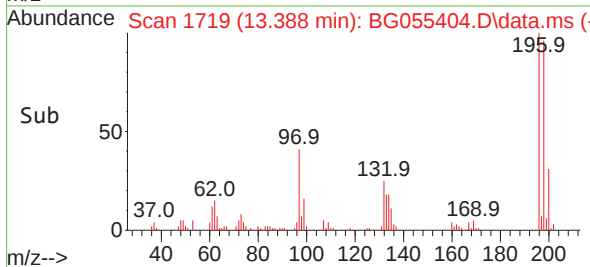
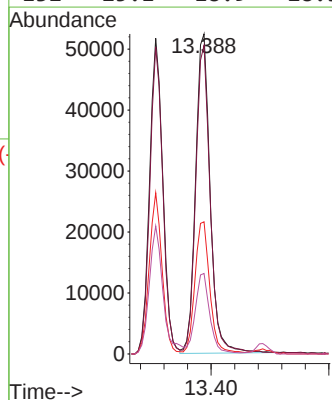
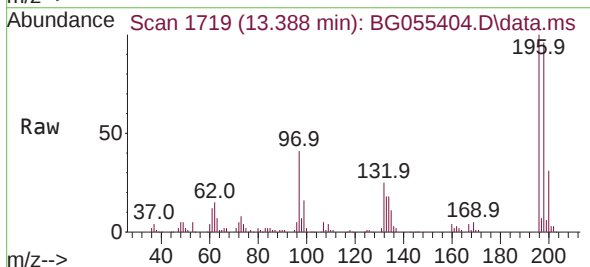
APPROVED

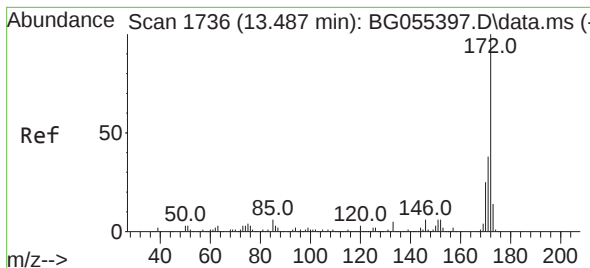
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#44
2,4,5-Trichlorophenol
Concen: 44.283 ng
RT: 13.388 min Scan# 1719
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

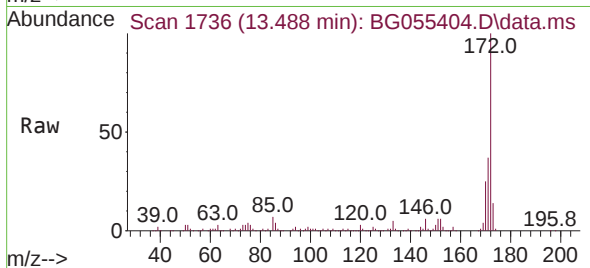
Tgt Ion:196 Resp: 89994
Ion Ratio Lower Upper
196 100
198 96.4 76.9 115.3
97 41.3 33.1 49.7
132 25.1 18.9 28.3





#45
2-Fluorobiphenyl
Concen: 81.978 ng
RT: 13.488 min Scan# 1736
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

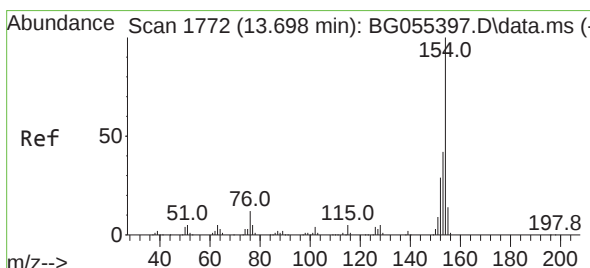
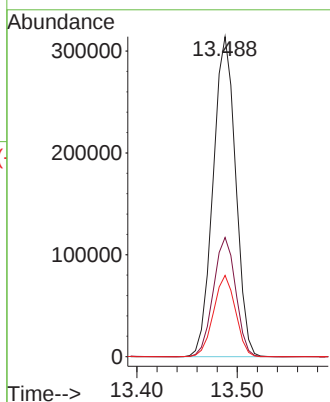
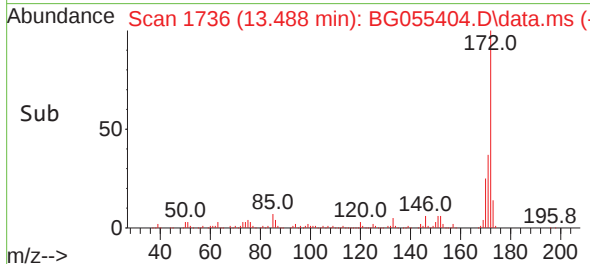
Instrument :
BNA_G
ClientSampleId :
PB148503BS



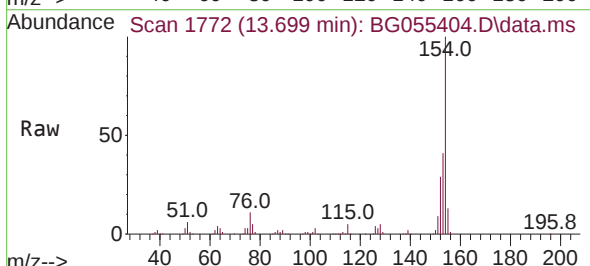
Tgt Ion:172 Resp: 490392
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.2
170 25.4 20.2 30.2

Manual Integrations
APPROVED

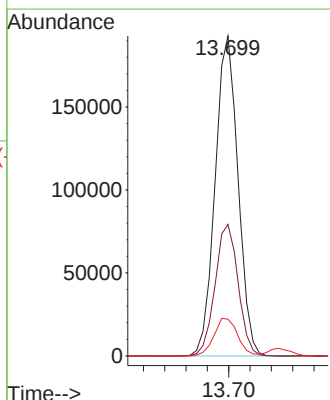
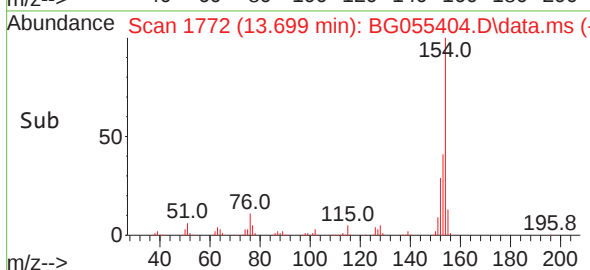
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

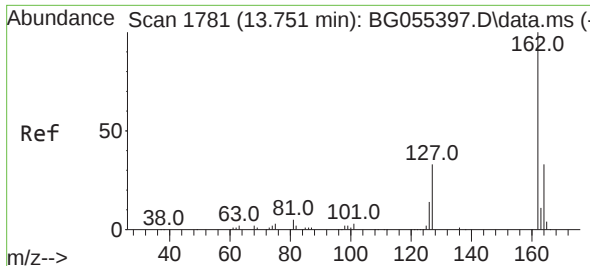


#46
1,1'-Biphenyl
Concen: 44.143 ng
RT: 13.699 min Scan# 1772
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:154 Resp: 288093
Ion Ratio Lower Upper
154 100
153 41.1 21.6 61.6
76 11.5 0.0 32.0





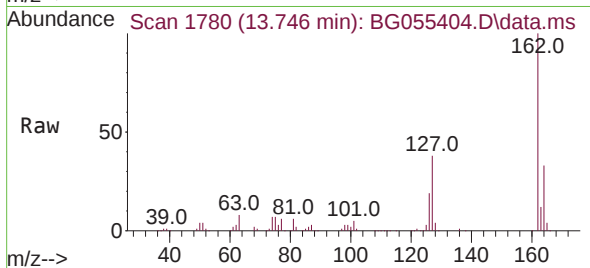
#47
2-Chloronaphthalene
Concen: 42.125 ng
RT: 13.746 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

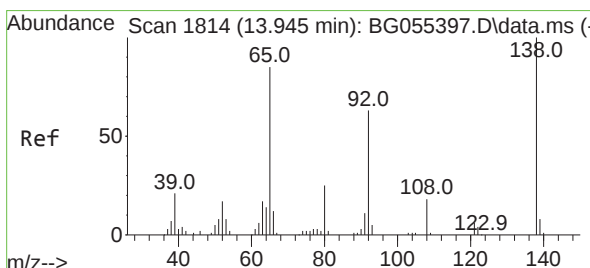
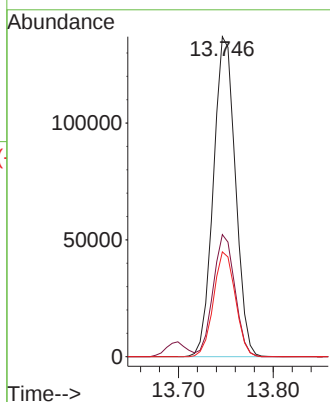
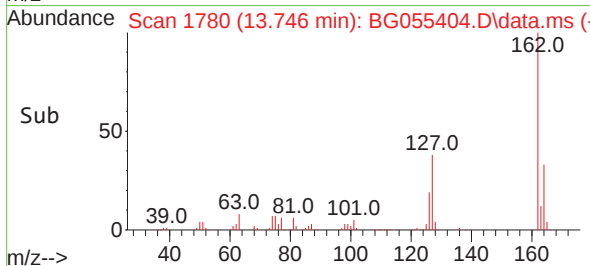


Tgt Ion:162 Resp: 220908
Ion Ratio Lower Upper
162 100
127 38.1 29.8 44.8
164 32.7 26.4 39.6

Manual Integrations

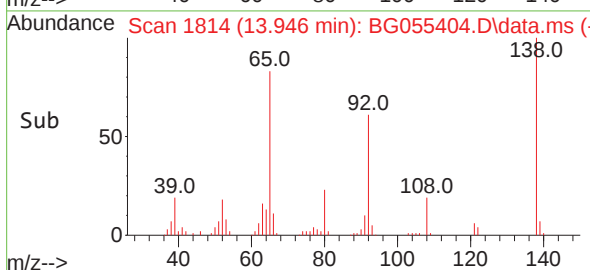
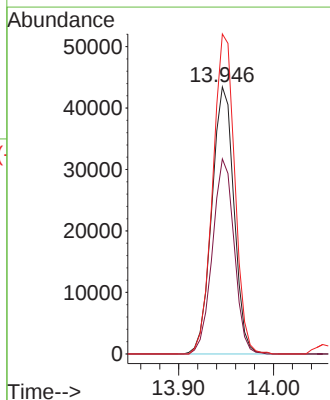
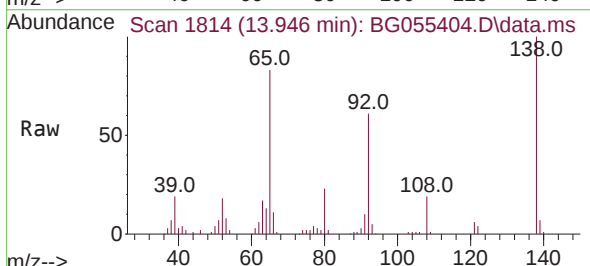
APPROVED

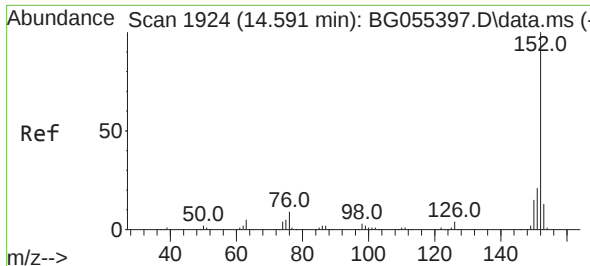
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#48
2-Nitroaniline
Concen: 43.718 ng
RT: 13.946 min Scan# 1814
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion: 65 Resp: 70418
Ion Ratio Lower Upper
65 100
92 73.1 59.4 89.0
138 119.9 93.8 140.8





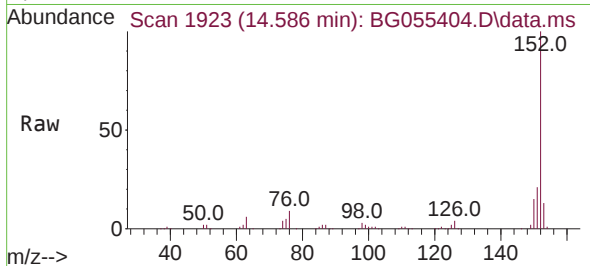
#49
Acenaphthylene
Concen: 42.789 ng
RT: 14.586 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

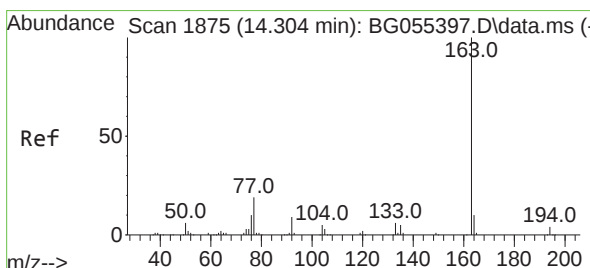
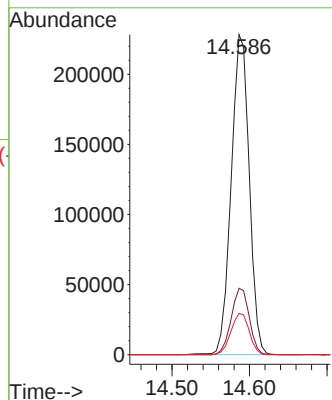
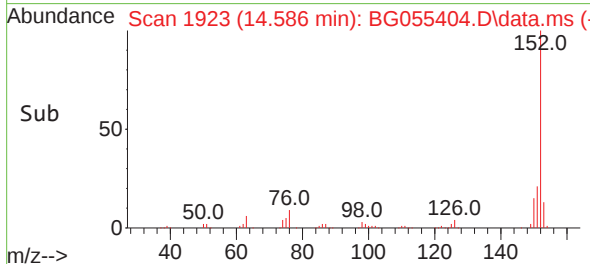


Tgt Ion:152 Resp: 368452
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1
153 12.9 10.7 16.1

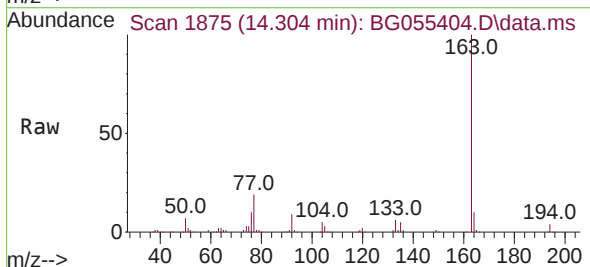
Manual Integrations

APPROVED

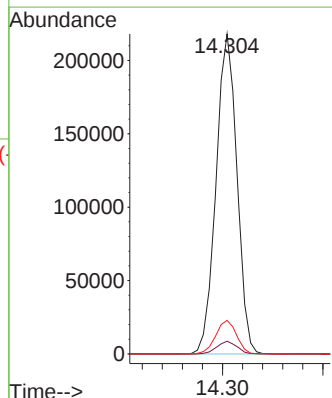
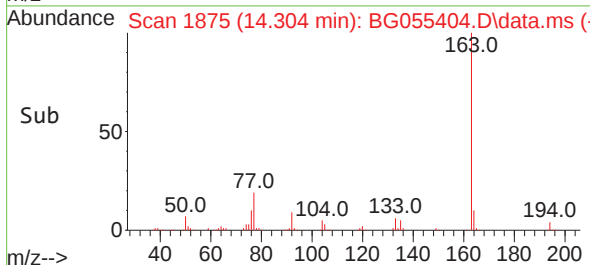
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

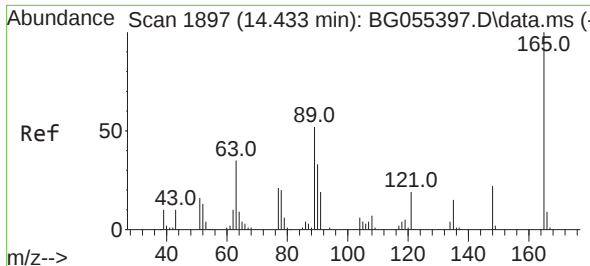


#50
Dimethylphthalate
Concen: 42.652 ng
RT: 14.304 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:163 Resp: 315766
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.157 ng
RT: 14.428 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

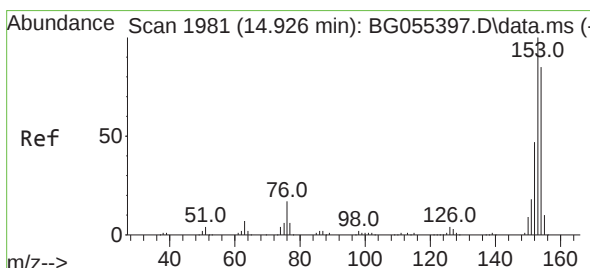
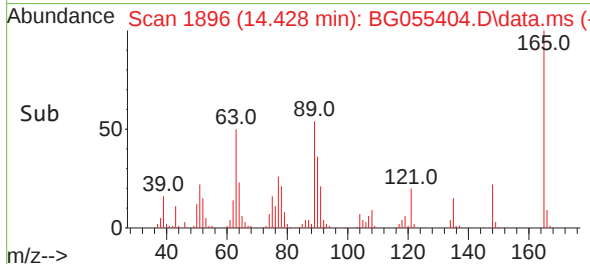
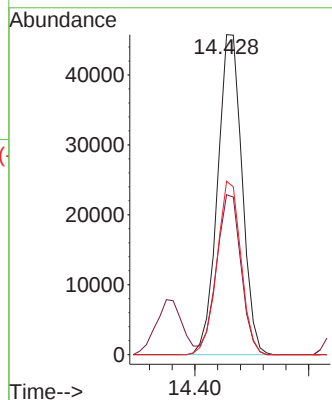
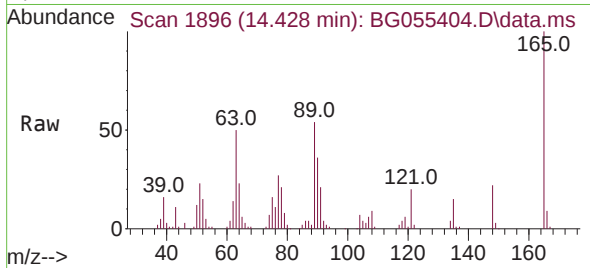
PB148503BS

Tgt Ion:165 Resp: 68439
Ion Ratio Lower Upper
165 100
63 50.0 38.2 57.4
89 54.2 41.8 62.6

Manual Integrations

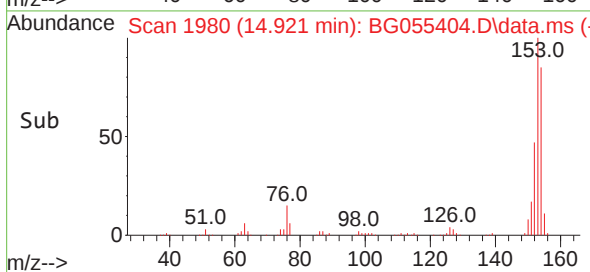
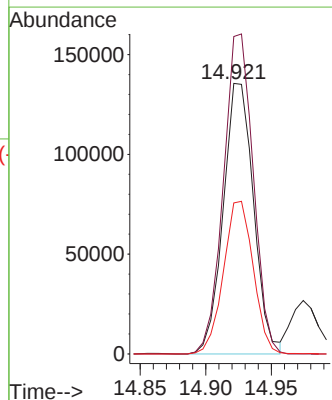
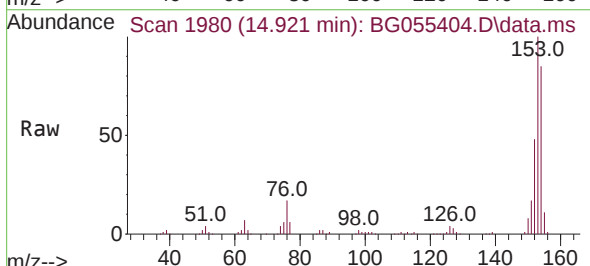
APPROVED

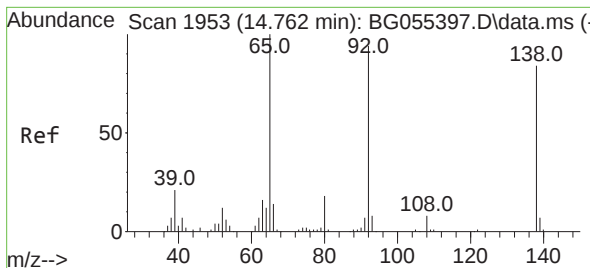
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#52
Acenaphthene
Concen: 42.522 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion:154 Resp: 217916
Ion Ratio Lower Upper
154 100
153 117.3 94.6 141.8
152 55.8 44.7 67.1





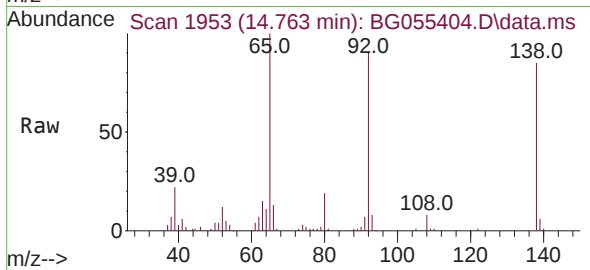
#53
3-Nitroaniline
Concen: 35.847 ng
RT: 14.763 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

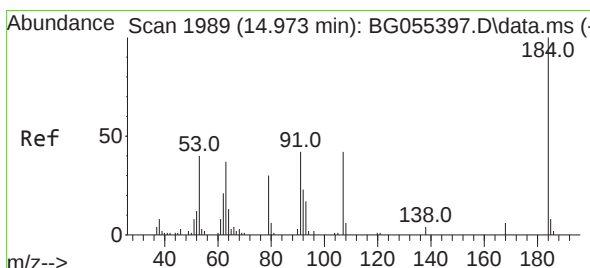
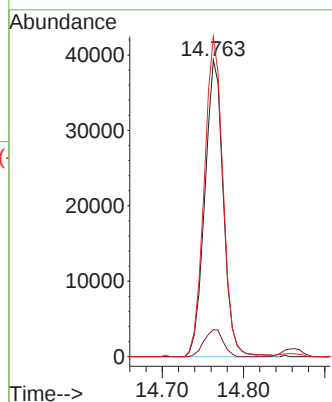
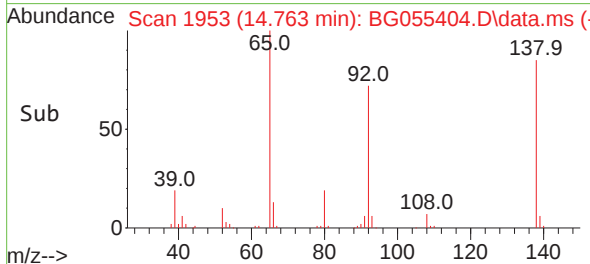


Tgt Ion:138 Resp: 62445
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.0
92 107.8 89.1 133.7

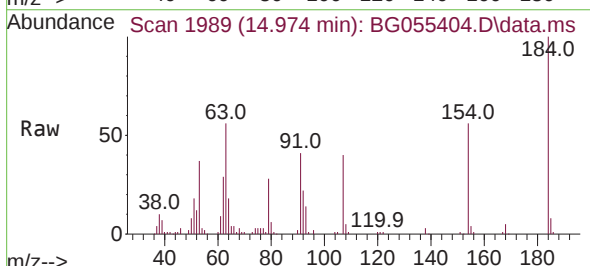
Manual Integrations

APPROVED

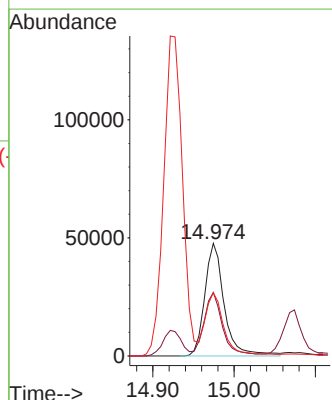
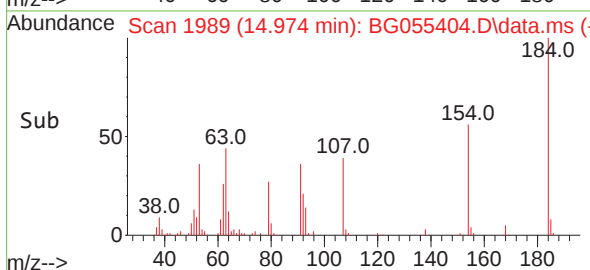
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

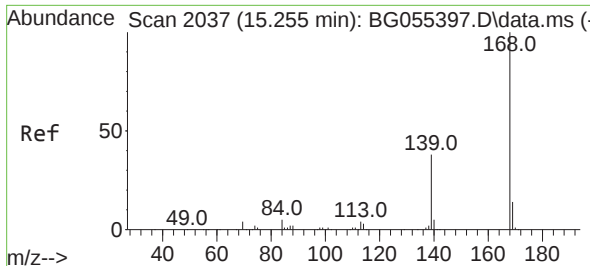


#54
2,4-Dinitrophenol
Concen: 84.505 ng
RT: 14.974 min Scan# 1989
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:184 Resp: 79454
Ion Ratio Lower Upper
184 100
63 56.3 47.4 71.0
154 56.1 47.0 70.6





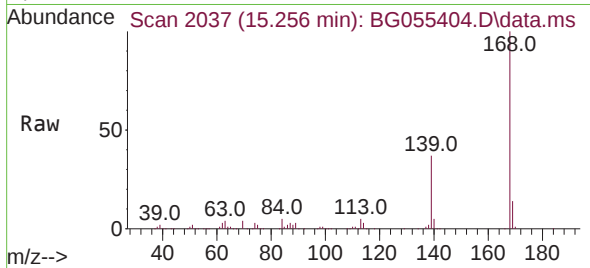
#55
Dibenzofuran
Concen: 43.119 ng
RT: 15.256 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

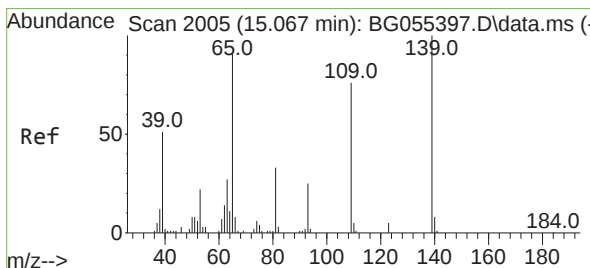
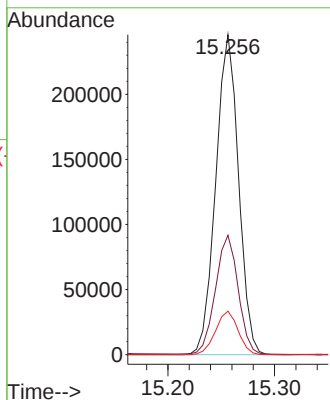
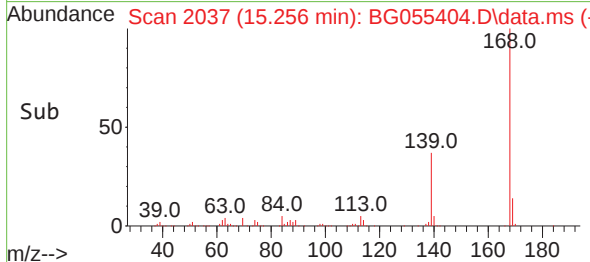


Tgt Ion:168 Resp: 365769
Ion Ratio Lower Upper
168 100
139 37.3 30.3 45.5
169 13.6 10.8 16.2

Manual Integrations

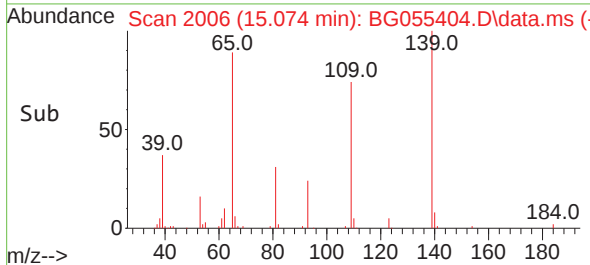
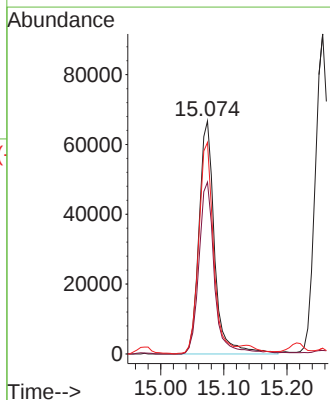
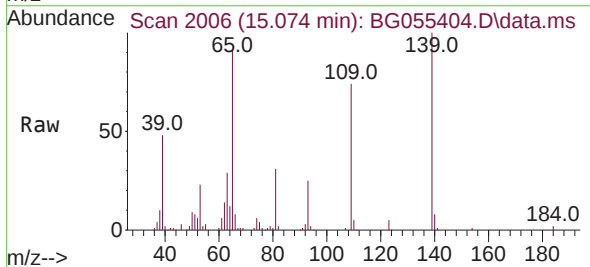
APPROVED

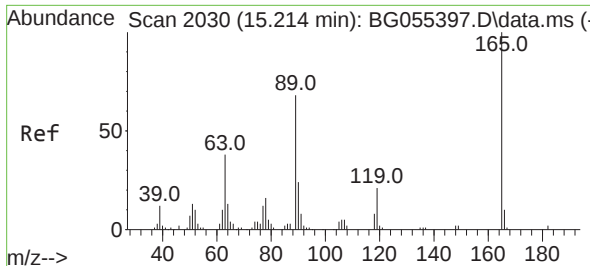
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#56
4-Nitrophenol
Concen: 95.398 ng
RT: 15.074 min Scan# 2006
Delta R.T. 0.007 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion:139 Resp: 113945
Ion Ratio Lower Upper
139 100
109 73.8 56.1 96.1
65 90.8 71.2 111.2





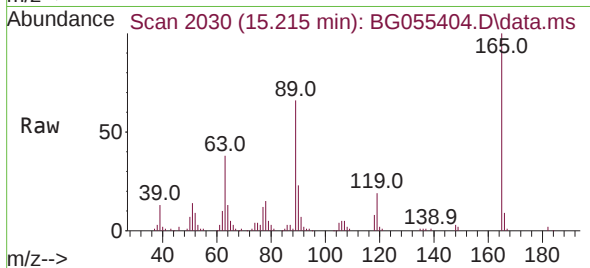
#57
2,4-Dinitrotoluene
Concen: 45.074 ng
RT: 15.215 min Scan# 2030
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

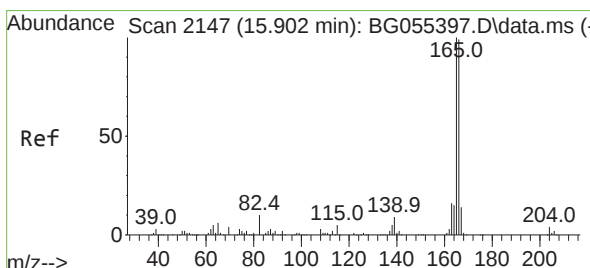
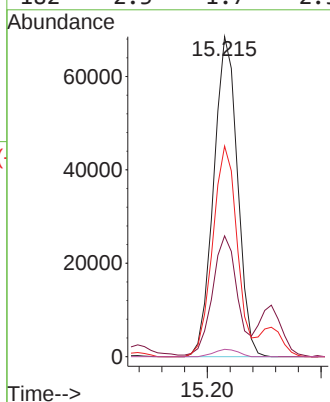
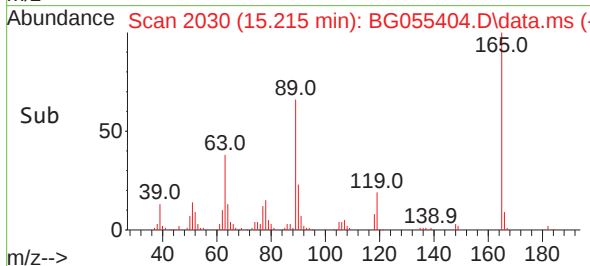


Tgt Ion:165 Resp: 99891
Ion Ratio Lower Upper
165 100
63 37.7 30.8 46.2
89 65.8 54.5 81.7
182 2.3 1.7 2.5

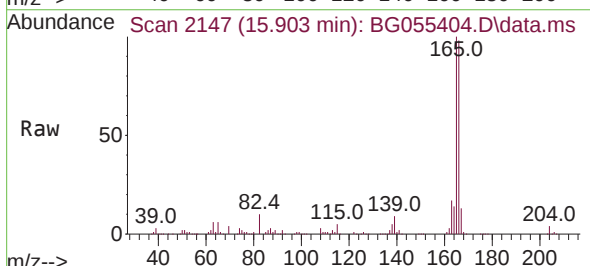
Manual Integrations

APPROVED

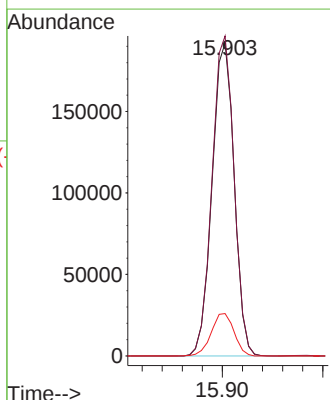
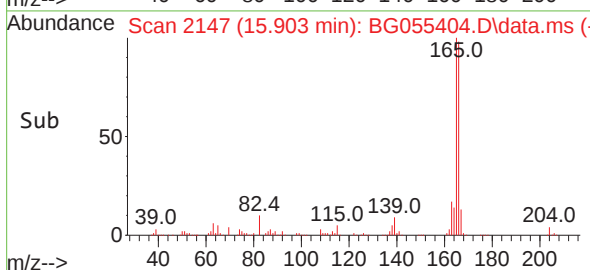
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

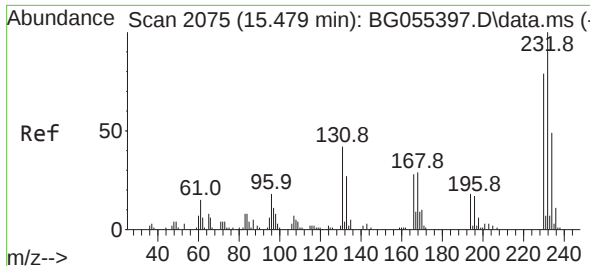


#58
Fluorene
Concen: 42.498 ng
RT: 15.903 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:166 Resp: 292854
Ion Ratio Lower Upper
166 100
165 102.3 81.0 121.6
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.130 ng
RT: 15.480 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

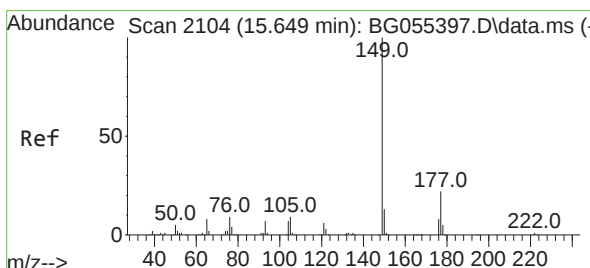
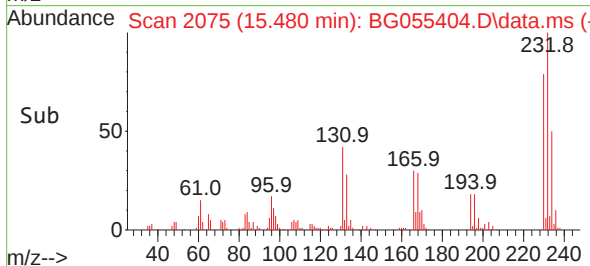
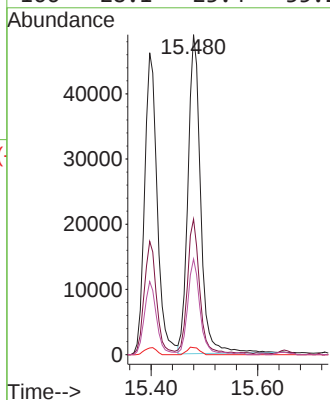
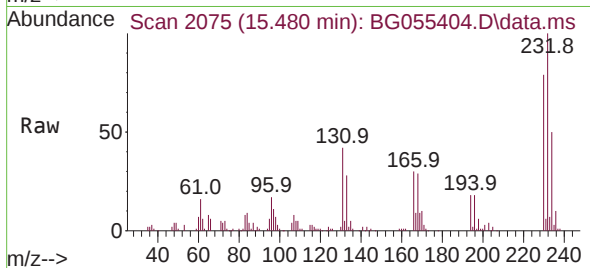
PB148503BS

Tgt Ion:232 Resp: 80640
Ion Ratio Lower Upper
232 100
131 39.9 33.1 49.7
130 2.2 1.6 2.4
166 28.1 23.4 35.2

Manual Integrations

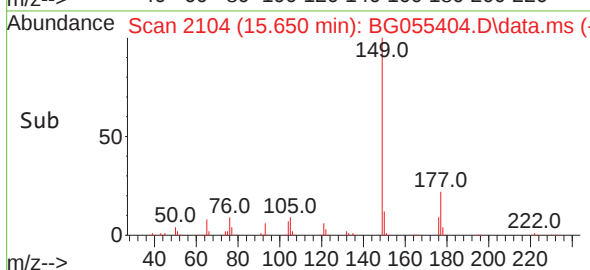
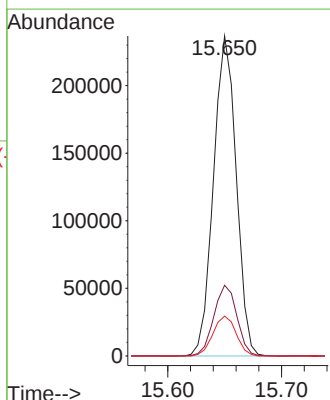
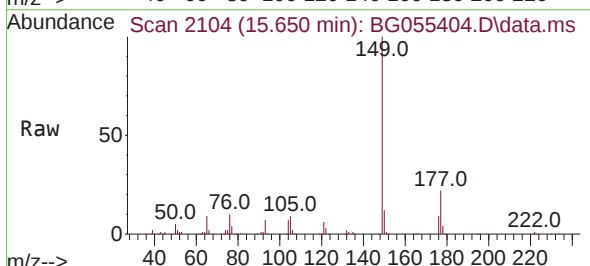
APPROVED

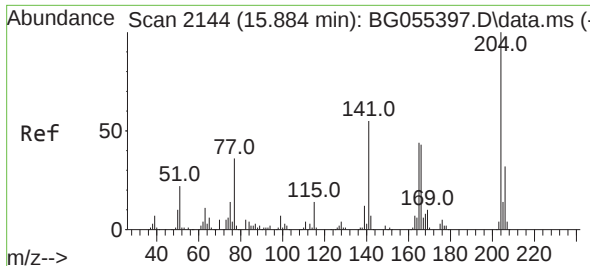
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#60
Diethylphthalate
Concen: 42.626 ng
RT: 15.650 min Scan# 2104
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

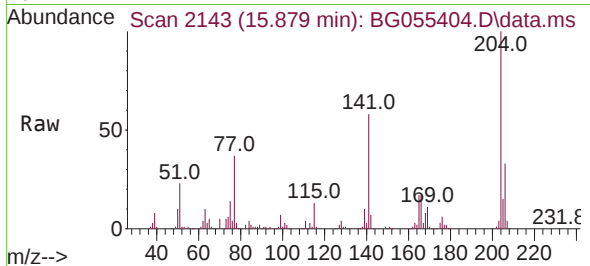
Tgt Ion:149 Resp: 327951
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.025 ng
RT: 15.879 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

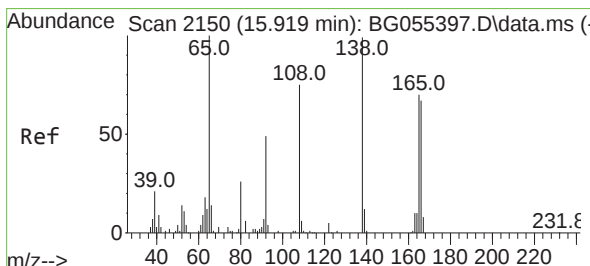
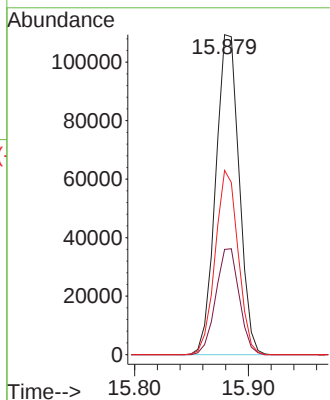
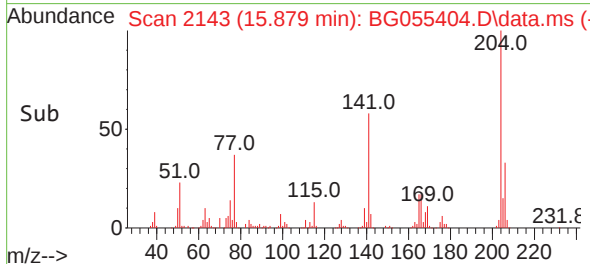
Instrument :
BNA_G
ClientSampleId :
PB148503BS



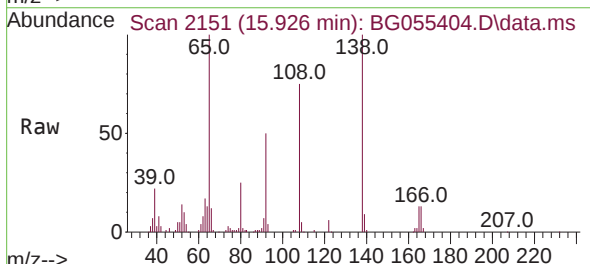
Tgt Ion:204 Resp: 156846
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 57.6 44.0 66.0

Manual Integrations
APPROVED

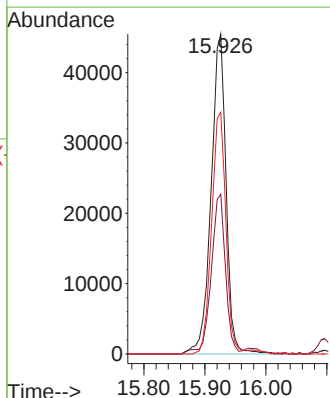
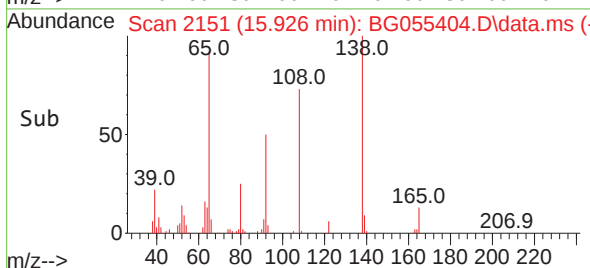
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

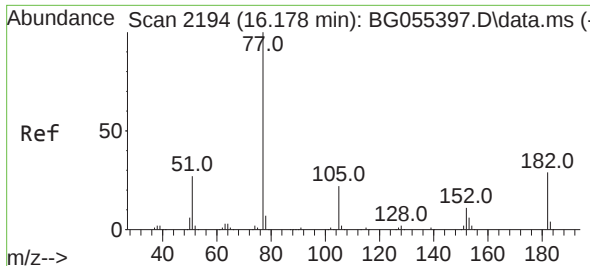


#62
4-Nitroaniline
Concen: 42.074 ng
RT: 15.926 min Scan# 2151
Delta R.T. 0.007 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:138 Resp: 77542
Ion Ratio Lower Upper
138 100
92 49.9 29.2 69.2
108 75.5 55.9 95.9





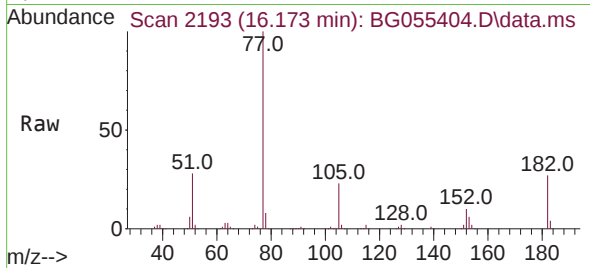
#63
Azobenzene
Concen: 42.621 ng
RT: 16.173 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

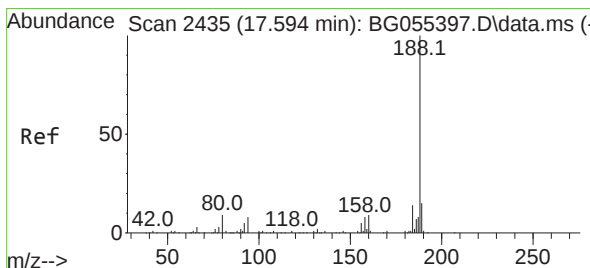
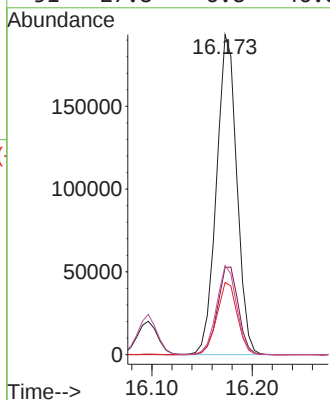
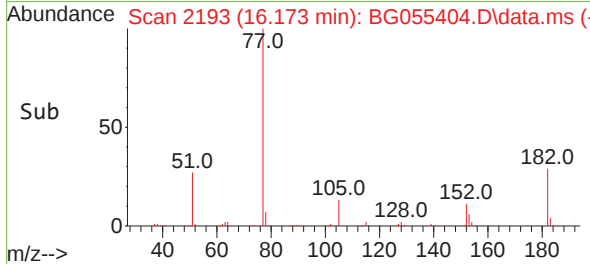


Tgt Ion: 77 Resp: 272579
Ion Ratio Lower Upper
77 100
182 27.2 9.0 49.0
105 22.5 2.2 42.2
51 27.8 6.8 46.8

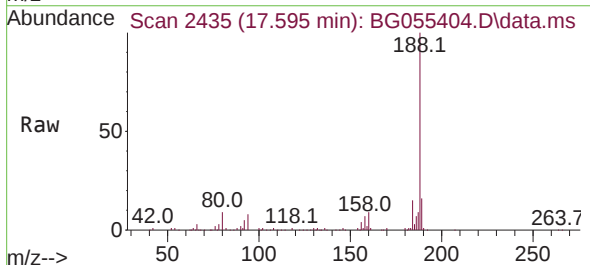
Manual Integrations

APPROVED

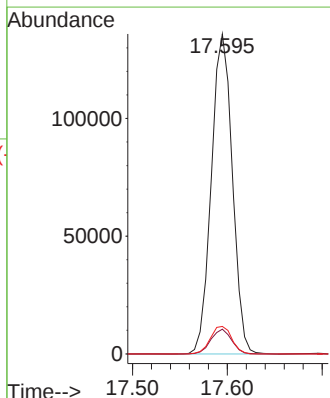
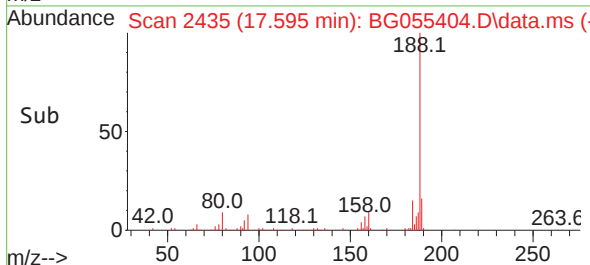
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

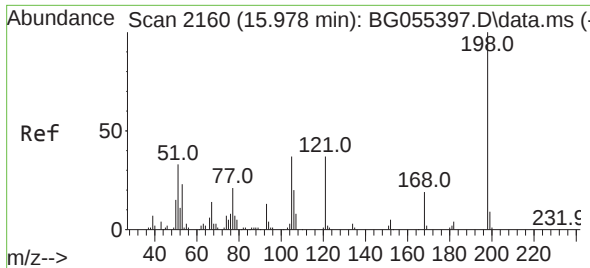


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2435
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



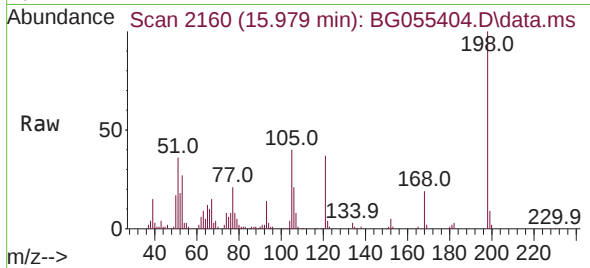
Tgt Ion:188 Resp: 209208
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 8.6 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 42.894 ng
RT: 15.979 min Scan# 2160
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

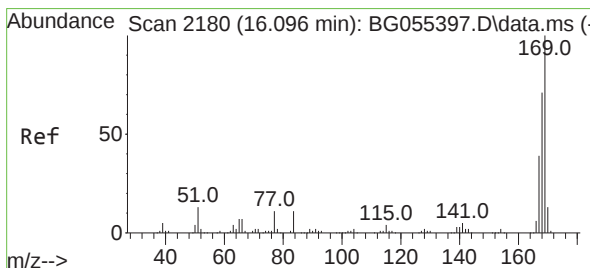
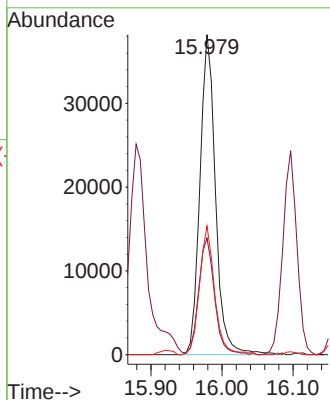
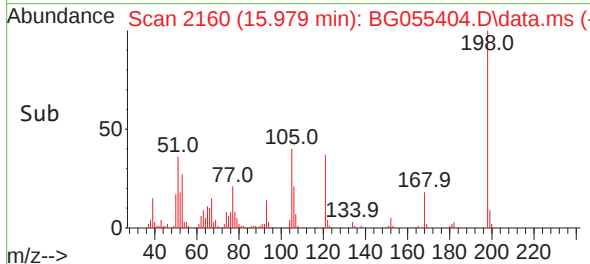
Instrument :
BNA_G
ClientSampleId :
PB148503BS



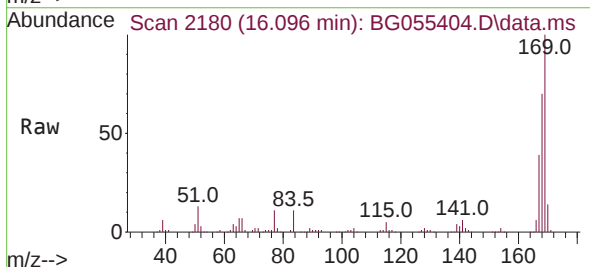
Tgt Ion:198 Resp: 57804
Ion Ratio Lower Upper
198 100
51 36.4 14.8 54.8
105 40.2 17.6 57.6

Manual Integrations
APPROVED

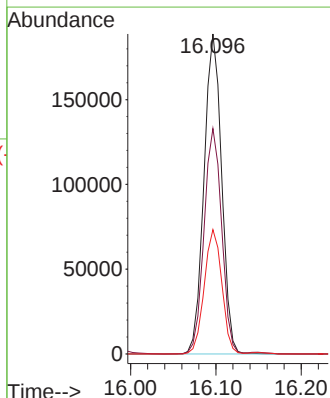
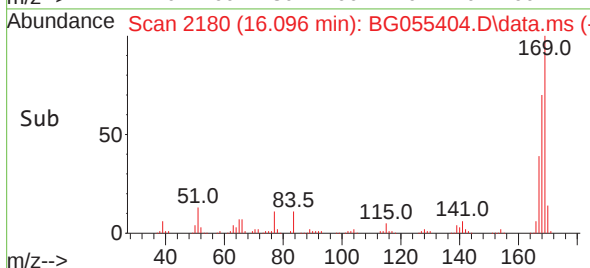
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

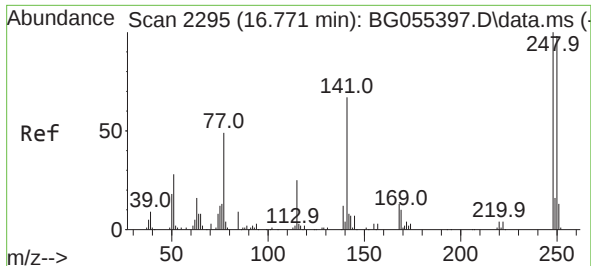


#66
n-Nitrosodiphenylamine
Concen: 43.489 ng
RT: 16.096 min Scan# 2180
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:169 Resp: 270500
Ion Ratio Lower Upper
169 100
168 70.4 57.0 85.4
167 38.8 31.0 46.6





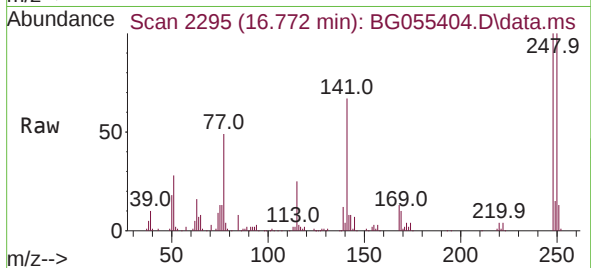
#67
4-Bromophenyl-phenylether
Concen: 43.317 ng
RT: 16.772 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

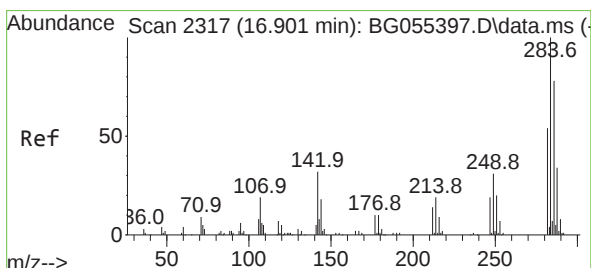
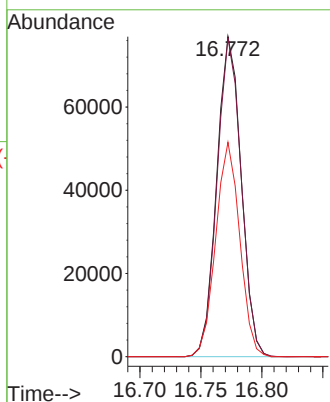
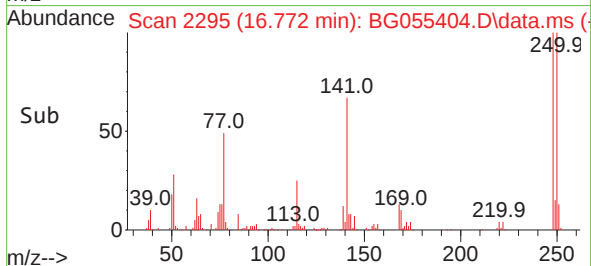


Tgt Ion:248 Resp: 107125
Ion Ratio Lower Upper
248 100
250 99.6 78.3 117.5
141 67.0 53.7 80.5

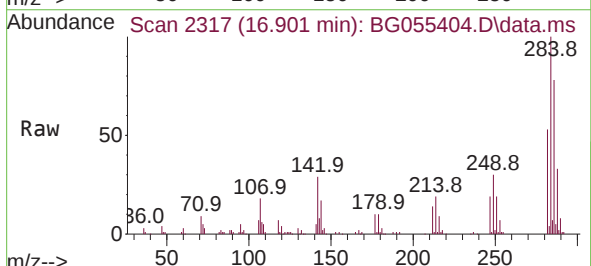
Manual Integrations

APPROVED

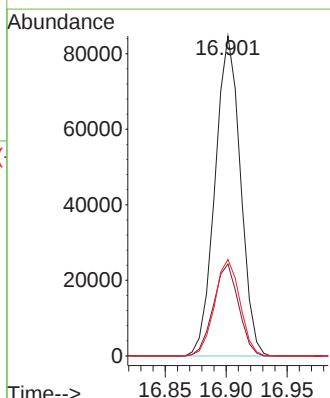
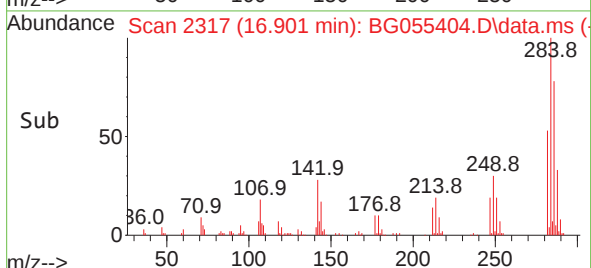
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

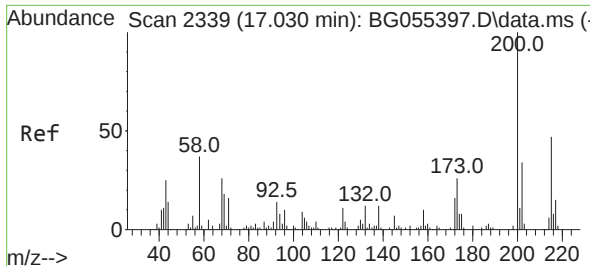


#68
Hexachlorobenzene
Concen: 43.487 ng
RT: 16.901 min Scan# 2317
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



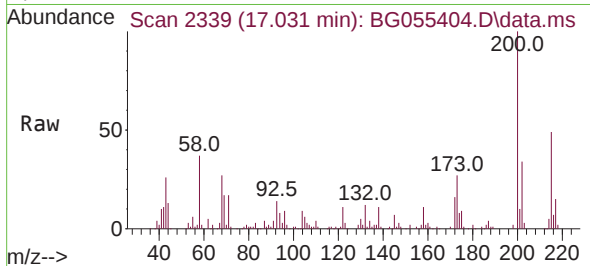
Tgt Ion:284 Resp: 122644
Ion Ratio Lower Upper
284 100
142 28.7 25.4 38.2
249 30.2 24.9 37.3





#69
 Atrazine
 Concen: 53.250 ng
 RT: 17.031 min Scan# 2339
 Delta R.T. 0.001 min
 Lab File: BG055404.D
 Acq: 1 Nov 2022 22:41

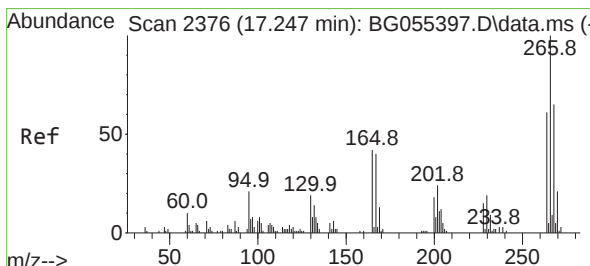
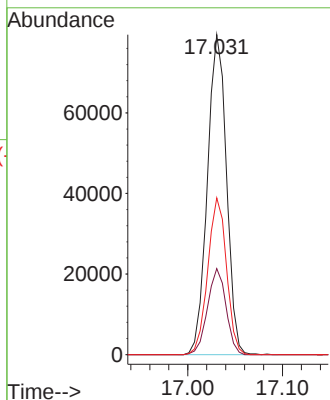
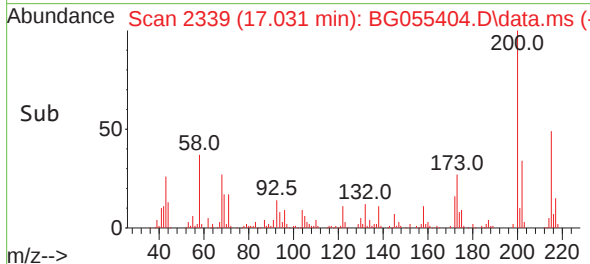
Instrument :
 BNA_G
 ClientSampleId :
 PB148503BS



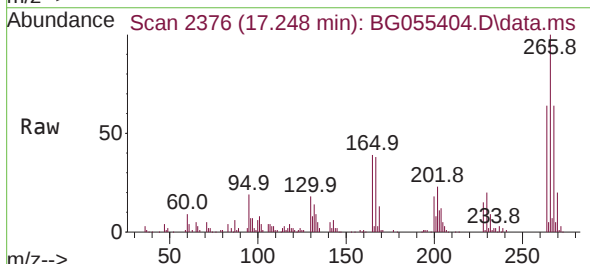
Tgt Ion:200 Resp: 111196
 Ion Ratio Lower Upper
 200 100
 173 26.9 5.8 45.8
 215 49.0 27.4 67.4

Manual Integrations
 APPROVED

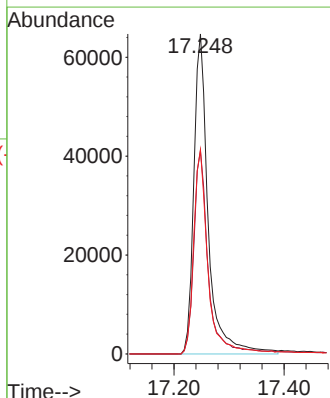
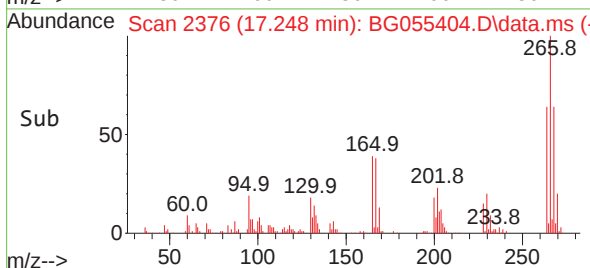
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

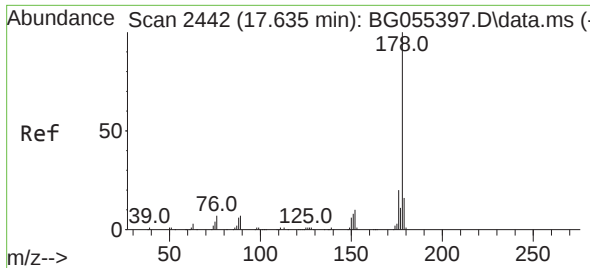


#70
 Pentachlorophenol
 Concen: 80.661 ng
 RT: 17.248 min Scan# 2376
 Delta R.T. 0.001 min
 Lab File: BG055404.D
 Acq: 1 Nov 2022 22:41



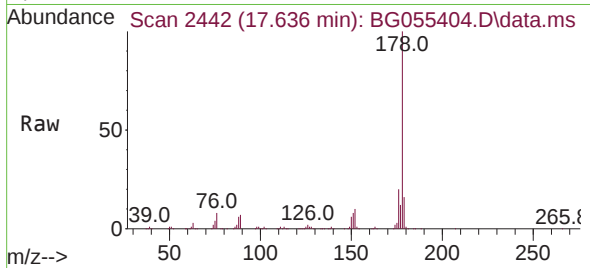
Tgt Ion:266 Resp: 117956
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.2 78.4
 264 63.8 49.2 73.8





#71
Phenanthrene
Concen: 42.329 ng
RT: 17.636 min Scan# 2442
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

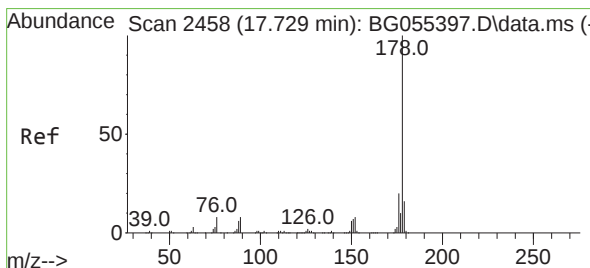
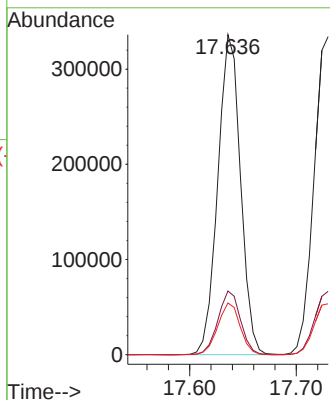
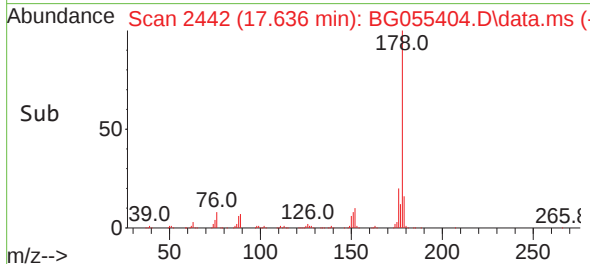
Instrument :
BNA_G
ClientSampleId :
PB148503BS



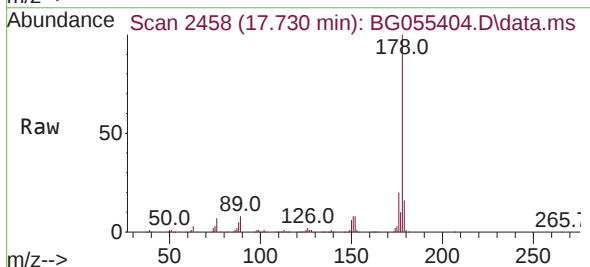
Tgt Ion:178 Resp: 498114
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.1 12.7 19.1

Manual Integrations
APPROVED

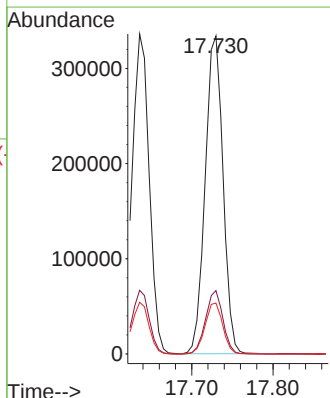
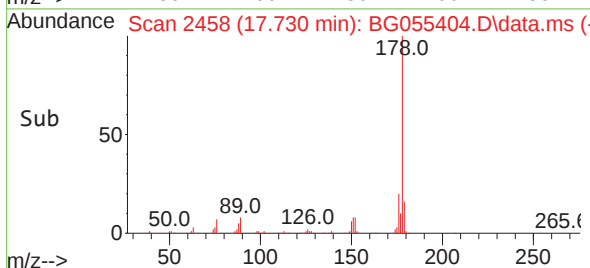
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

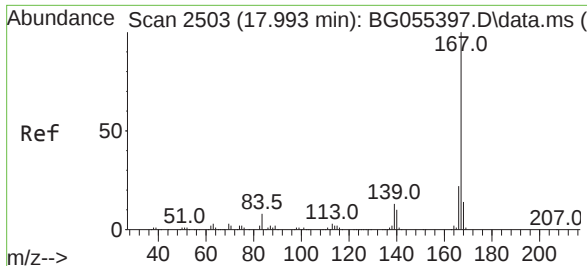


#72
Anthracene
Concen: 44.240 ng
RT: 17.730 min Scan# 2458
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:178 Resp: 510277
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.0 13.0 19.6





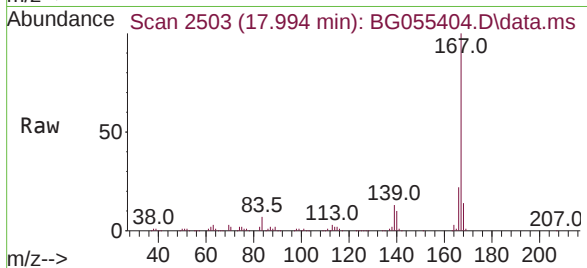
#73
 Carbazole
 Concen: 44.464 ng
 RT: 17.994 min Scan# 2503
 Delta R.T. 0.001 min
 Lab File: BG055404.D
 Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

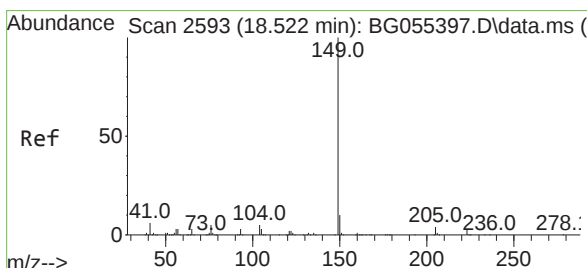
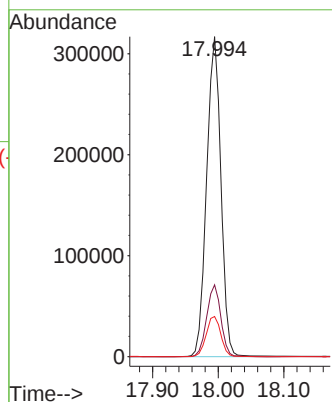
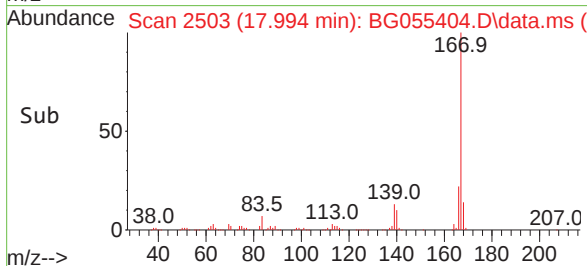


Tgt Ion:167 Resp: 477158
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 12.5 10.4 15.6

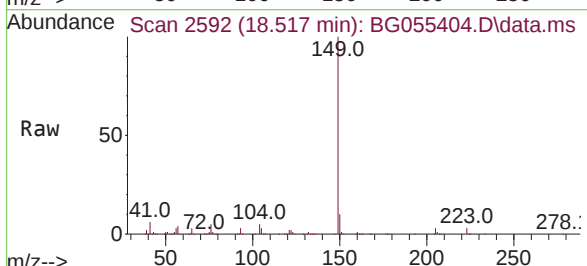
Manual Integrations

APPROVED

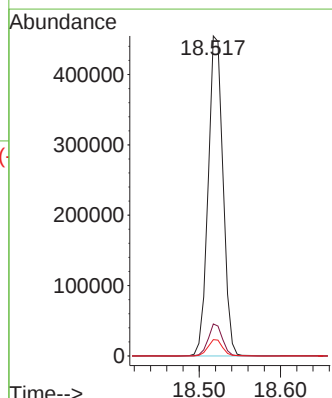
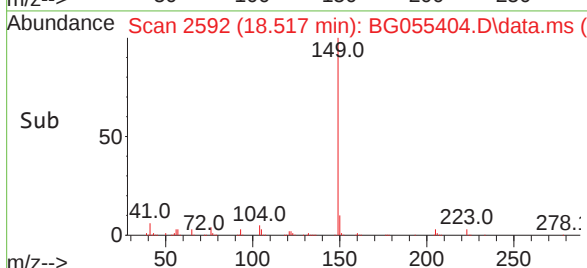
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

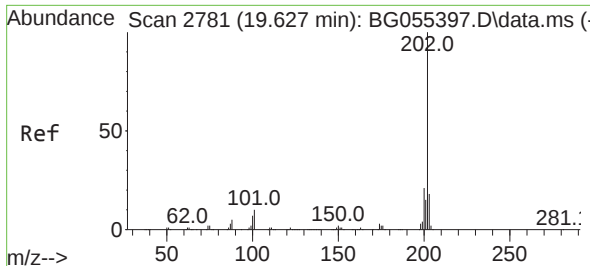


#74
 Di-n-butylphthalate
 Concen: 43.138 ng
 RT: 18.517 min Scan# 2592
 Delta R.T. -0.005 min
 Lab File: BG055404.D
 Acq: 1 Nov 2022 22:41



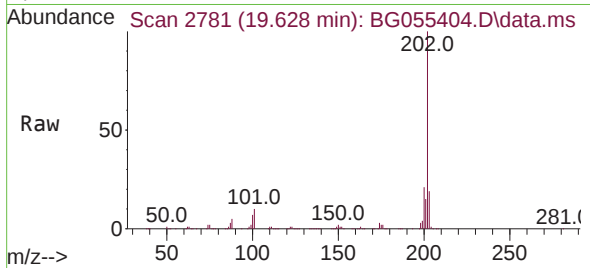
Tgt Ion:149 Resp: 578173
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 42.596 ng
RT: 19.628 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

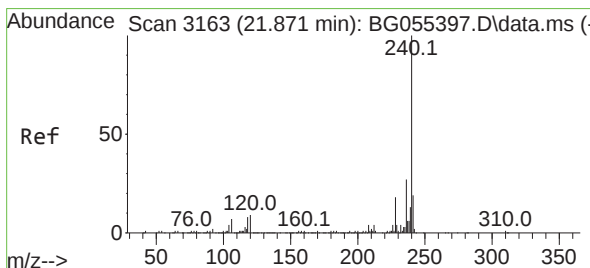
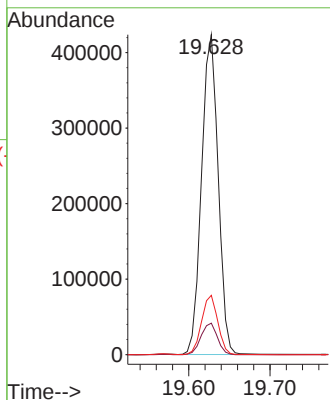
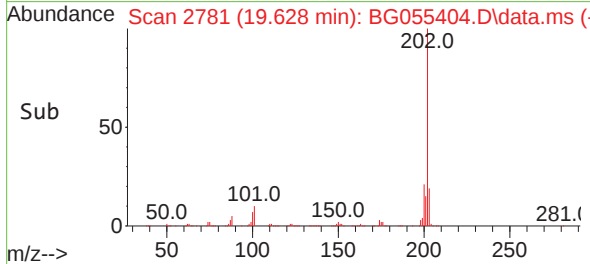
Instrument :
BNA_G
ClientSampleId :
PB148503BS



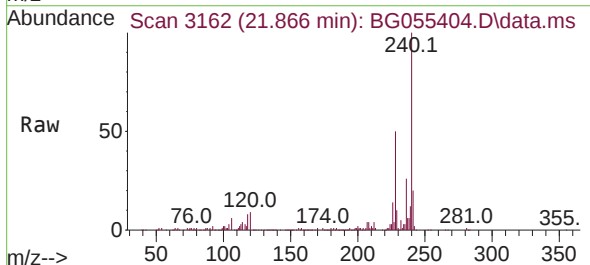
Tgt Ion:202 Resp: 602941
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.8
203 18.5 0.0 38.1

Manual Integrations
APPROVED

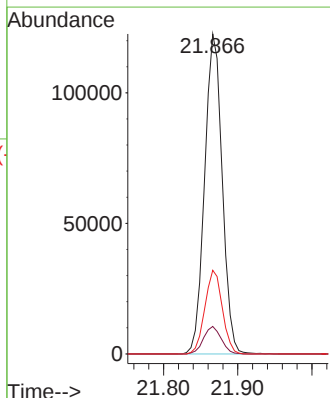
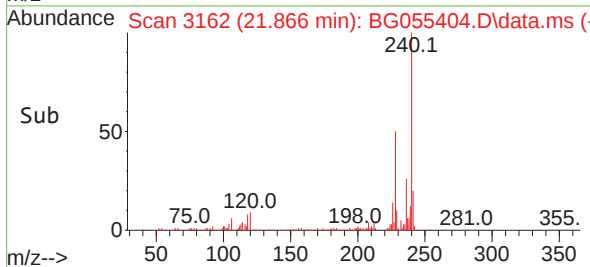
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

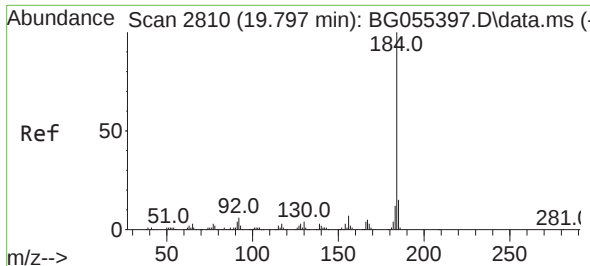


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.866 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:240 Resp: 201689
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.1 21.5 32.3





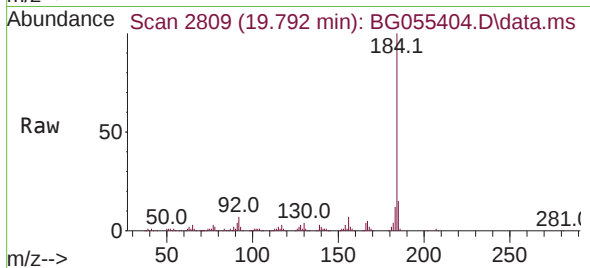
#77
Benzidine
Concen: 73.048 ng
RT: 19.792 min Scan# 2809
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

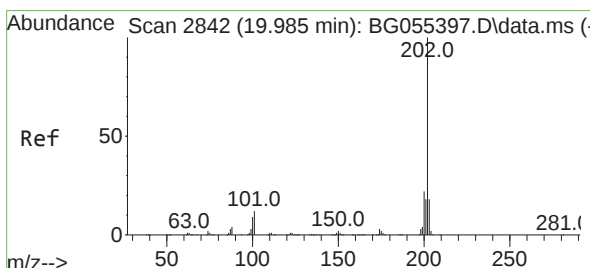
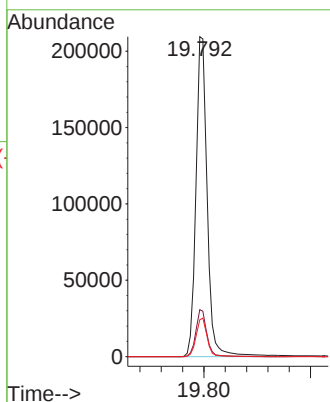
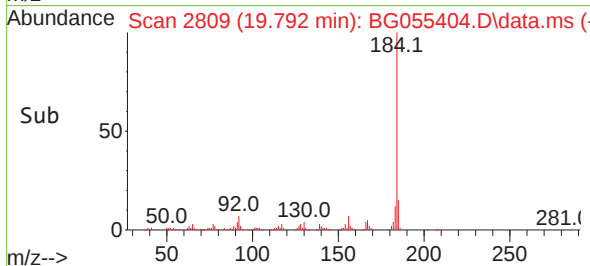


Tgt Ion:184 Resp: 306732
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.5 9.8 14.8

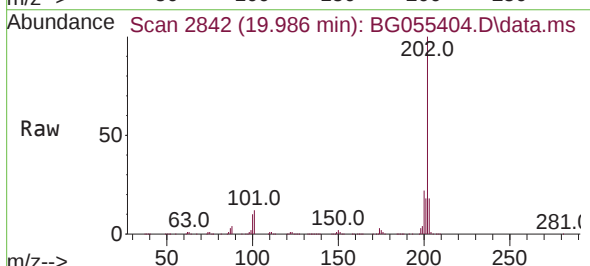
Manual Integrations

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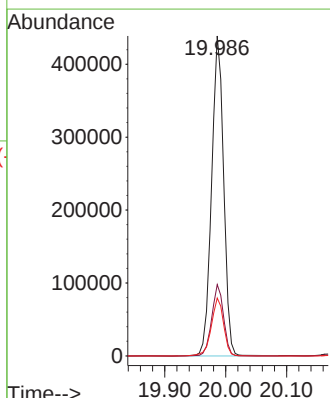
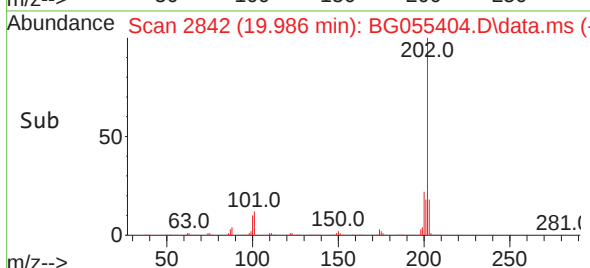
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

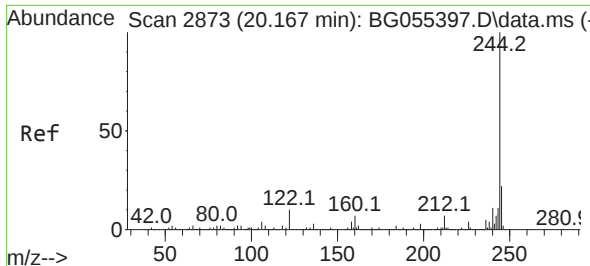


#78
Pyrene
Concen: 42.397 ng
RT: 19.986 min Scan# 2842
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:202 Resp: 603233
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 18.1 14.7 22.1





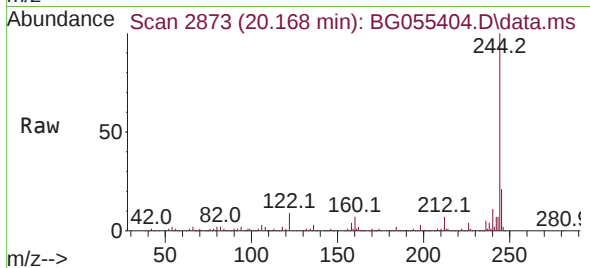
#79
 Terphenyl-d14
 Concen: 88.388 ng
 RT: 20.168 min Scan# 2873
 Delta R.T. 0.001 min
 Lab File: BG055404.D
 Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

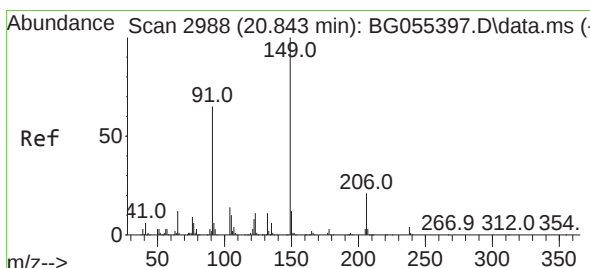
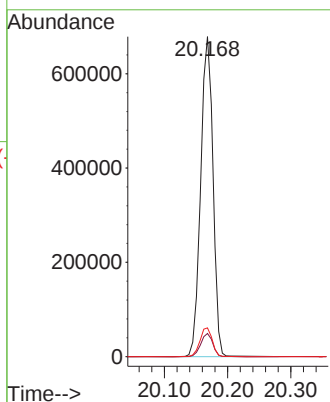
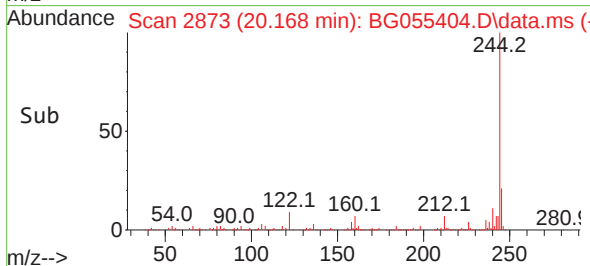


Tgt Ion:244 Resp: 916776
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.0 7.8 11.6

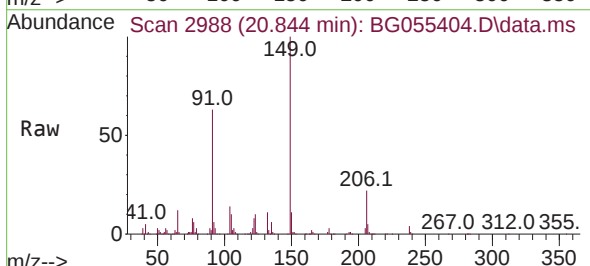
Manual Integrations

APPROVED

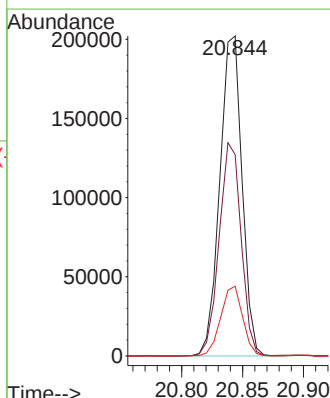
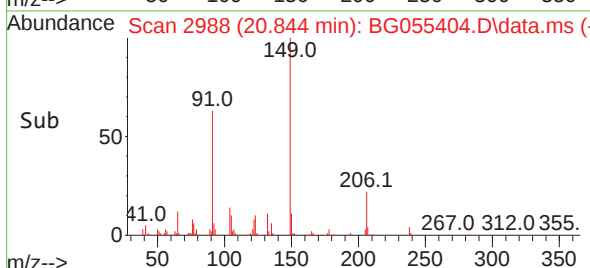
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

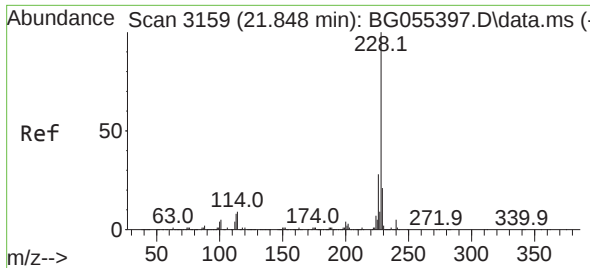


#80
 Butylbenzylphthalate
 Concen: 43.275 ng
 RT: 20.844 min Scan# 2988
 Delta R.T. 0.001 min
 Lab File: BG055404.D
 Acq: 1 Nov 2022 22:41



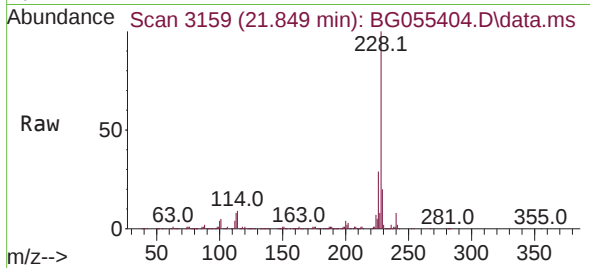
Tgt Ion:149 Resp: 256707
 Ion Ratio Lower Upper
 149 100
 91 62.9 52.4 78.6
 206 21.8 17.2 25.8





#81
Benzo(a)anthracene
Concen: 42.352 ng
RT: 21.849 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

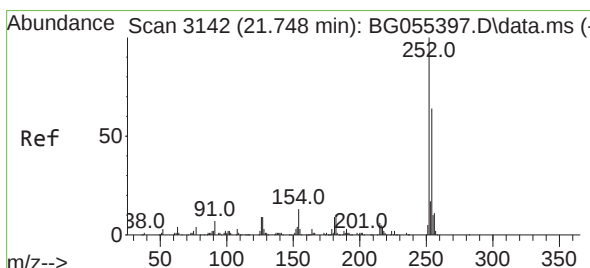
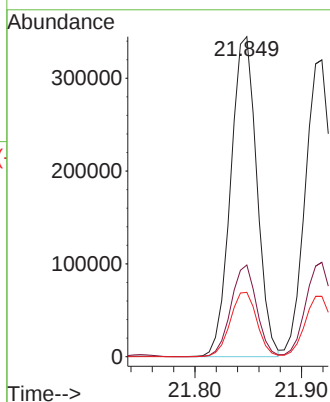
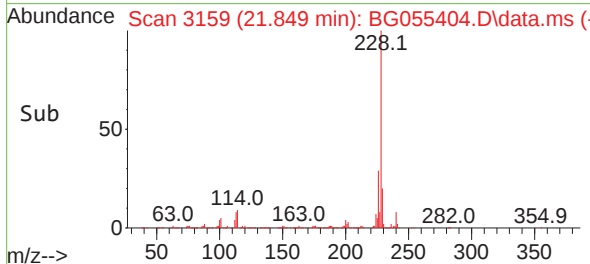
Instrument :
BNA_G
ClientSampleId :
PB148503BS



Tgt Ion:228 Resp: 586368
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.1 16.5 24.7

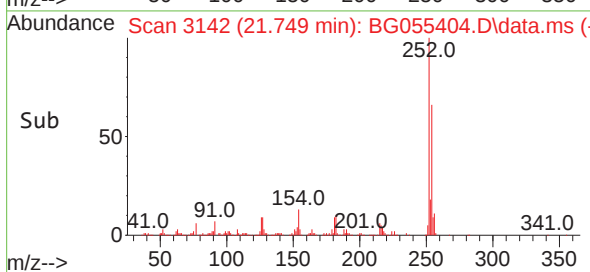
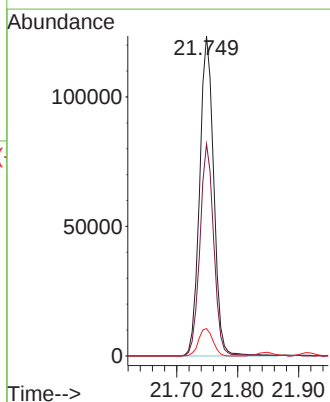
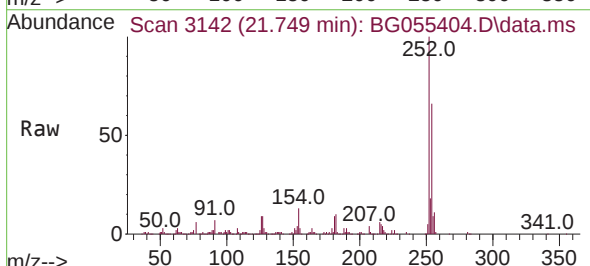
Manual Integrations
APPROVED

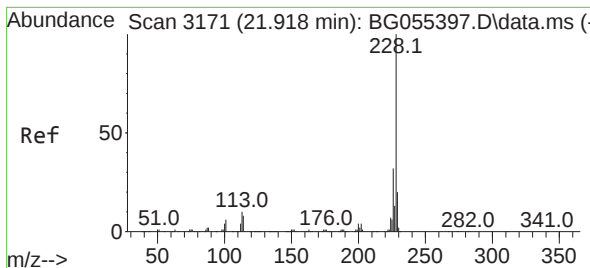
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#82
3,3'-Dichlorobenzidine
Concen: 41.681 ng
RT: 21.749 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion:252 Resp: 197891
Ion Ratio Lower Upper
252 100
254 66.2 51.0 76.6
126 8.5 7.3 10.9





#83

Chrysene

Concen: 41.909 ng

RT: 21.919 min Scan# 3171

Delta R.T. 0.001 min

Lab File: BG055404.D

Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

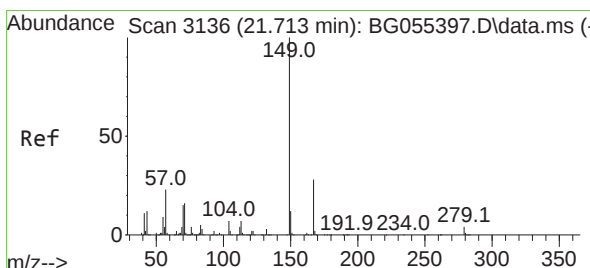
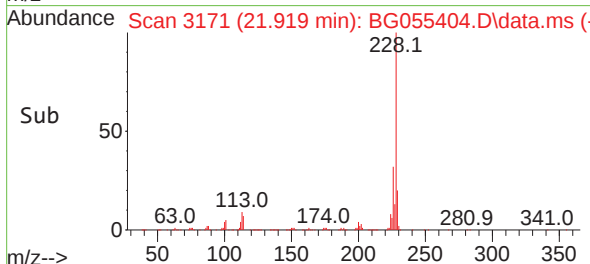
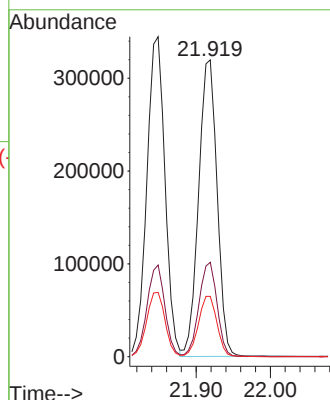
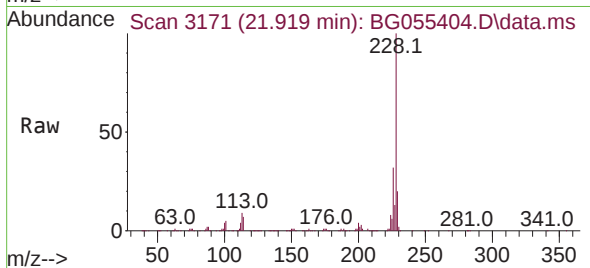
ClientSampleId :

PB148503BS

Tgt Ion:228 Resp: 553562
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.2 37.8
 229 20.3 16.2 24.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.623 ng

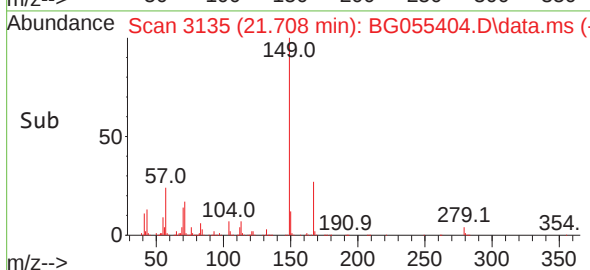
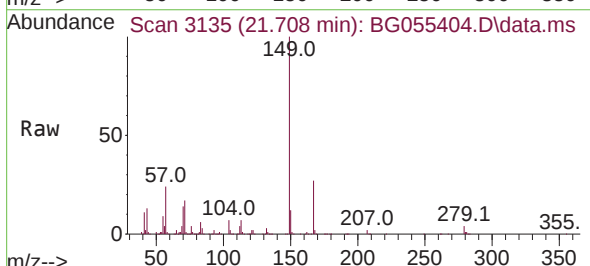
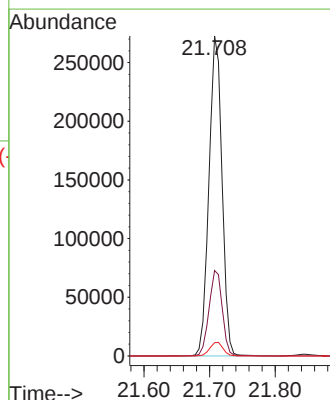
RT: 21.708 min Scan# 3135

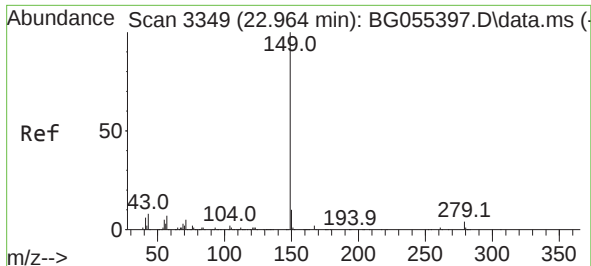
Delta R.T. -0.005 min

Lab File: BG055404.D

Acq: 1 Nov 2022 22:41

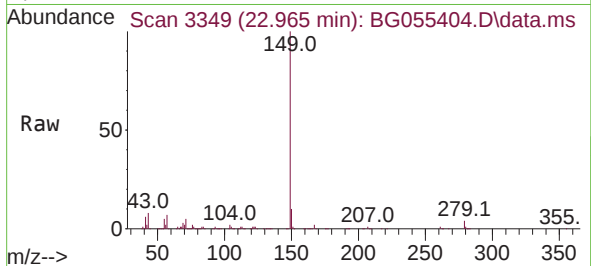
Tgt Ion:149 Resp: 376157
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.0 33.0
 279 4.1 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 43.359 ng
RT: 22.965 min Scan# 3349
Delta R.T. 0.001 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

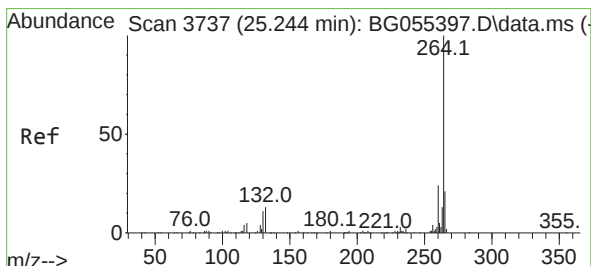
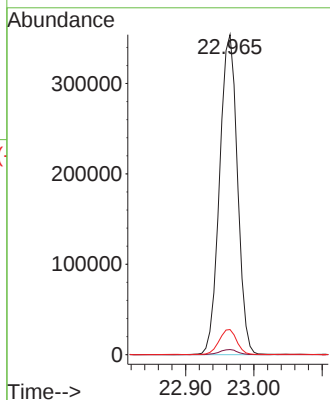
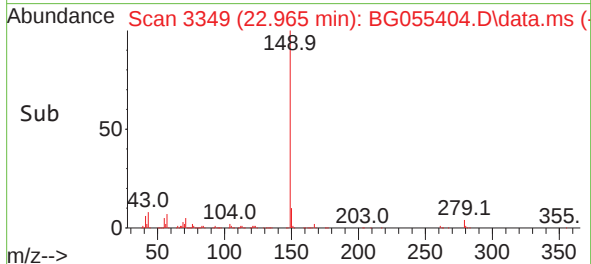
Instrument :
BNA_G
ClientSampleId :
PB148503BS



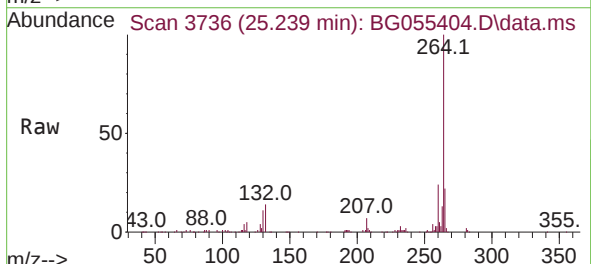
Tgt Ion:149 Resp: 640611
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.3 9.5

Manual Integrations
APPROVED

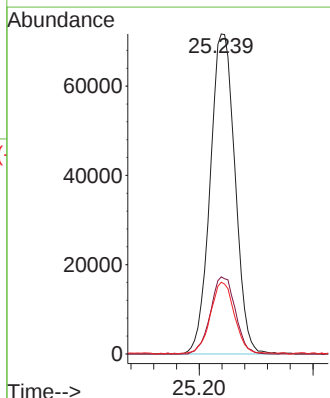
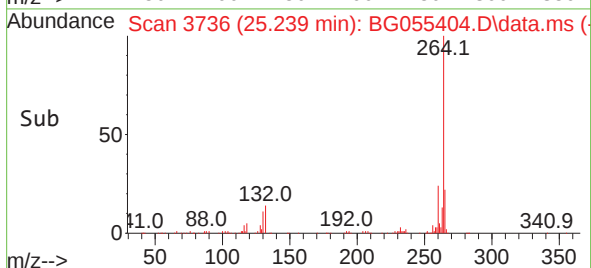
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

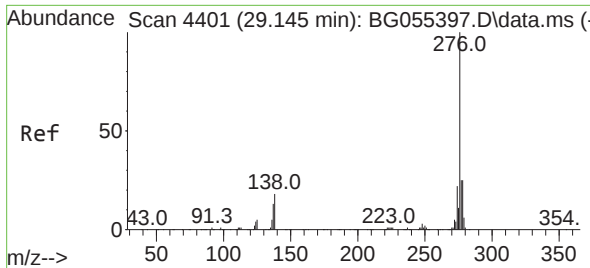


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.239 min Scan# 3736
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:264 Resp: 217261
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 22.4 17.1 25.7





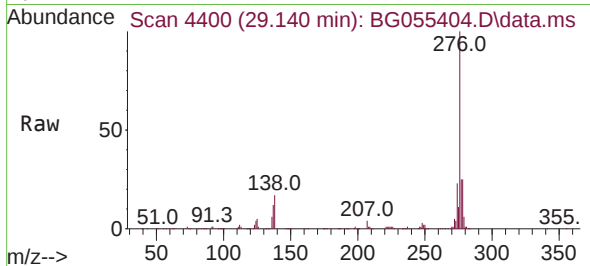
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.939 ng
 RT: 29.140 min Scan# 4401
 Delta R.T. -0.005 min
 Lab File: BG055404.D
 Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

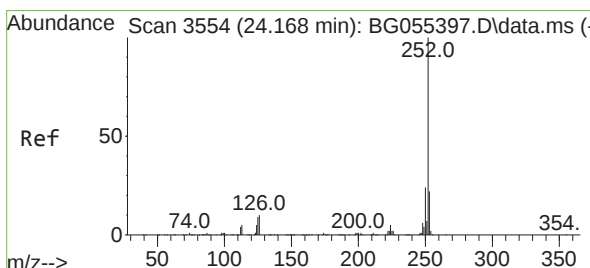
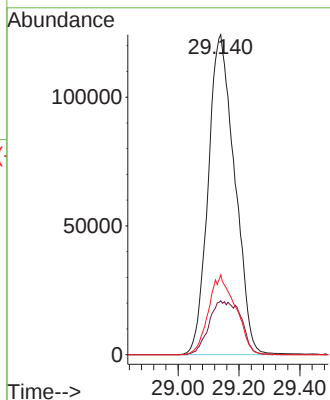
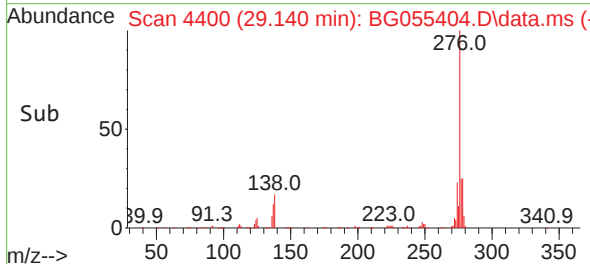


Tgt Ion:276 Resp: 749013
 Ion Ratio Lower Upper
 276 100
 138 20.3 16.2 24.2
 277 25.5 20.5 30.7

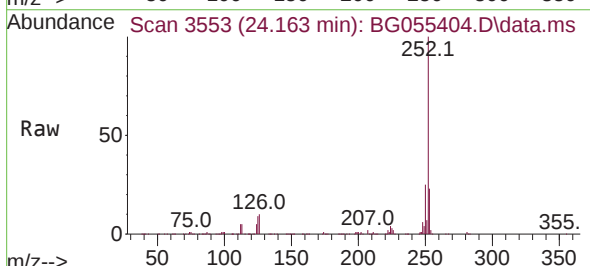
Manual Integrations

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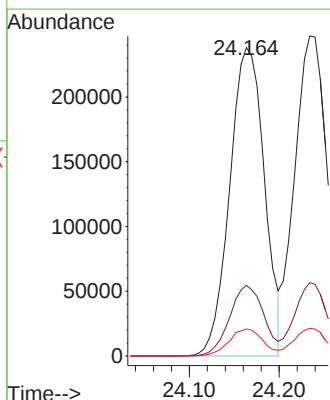
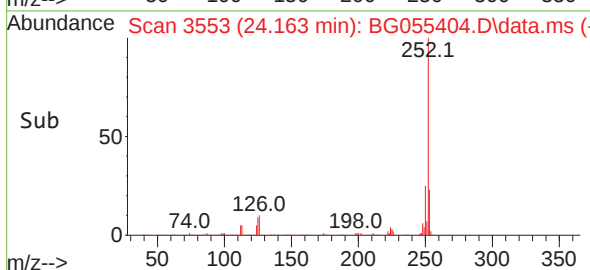
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

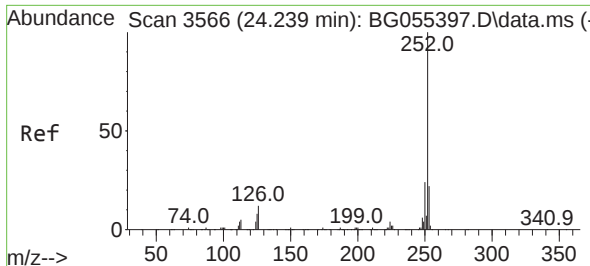


#88
 Benzo(b)fluoranthene
 Concen: 46.385 ng
 RT: 24.163 min Scan# 3553
 Delta R.T. -0.005 min
 Lab File: BG055404.D
 Acq: 1 Nov 2022 22:41



Tgt Ion:252 Resp: 640130
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.8 26.8
 125 8.8 6.8 10.2





#89
Benzo(k)fluoranthene
Concen: 44.976 ng
RT: 24.234 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

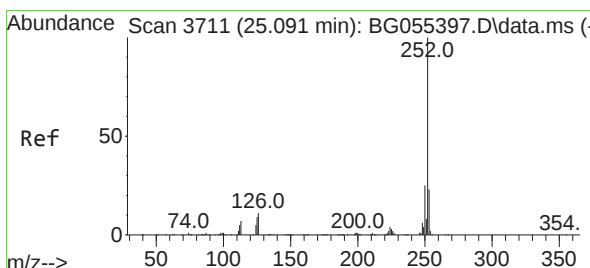
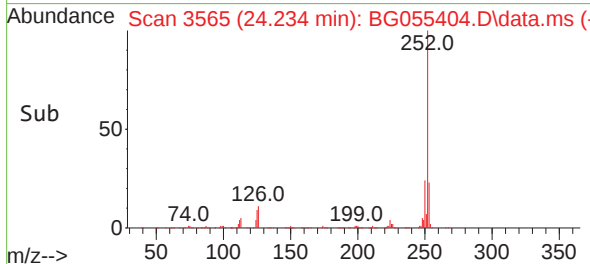
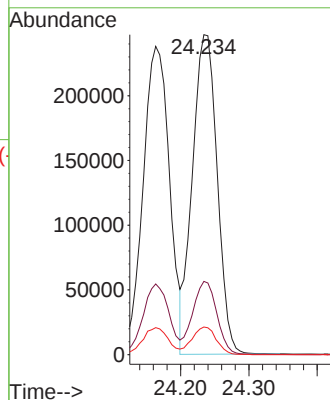
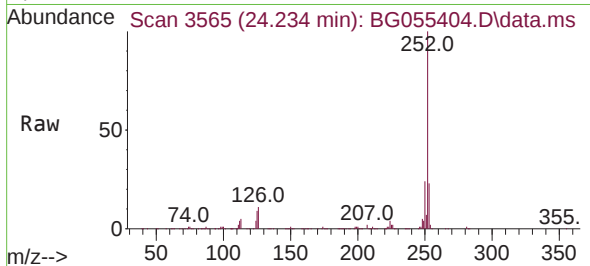
ClientSampleId :

PB148503BS

Tgt Ion:252 Resp: 623742
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 8.6 6.9 10.3

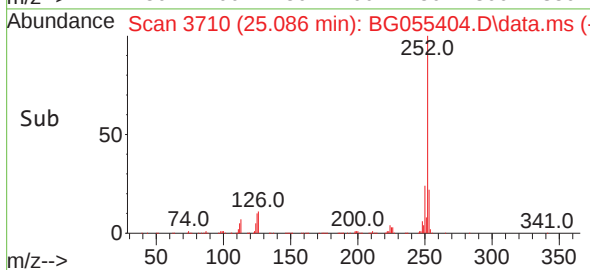
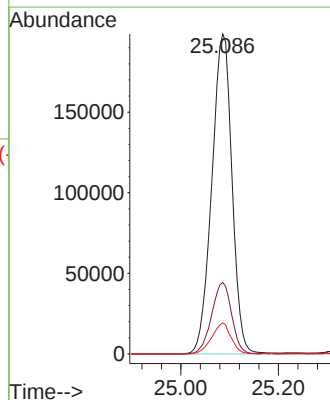
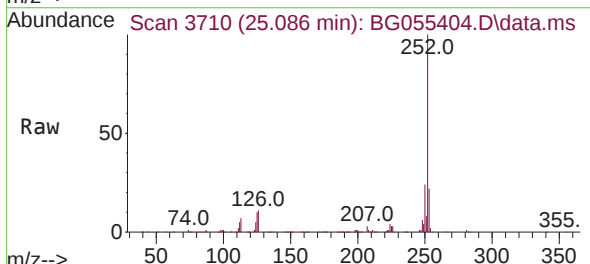
Manual Integrations
APPROVED

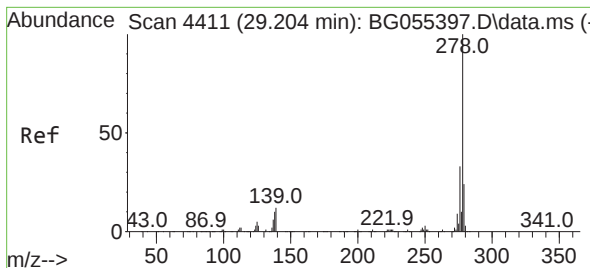
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#90
Benzo(a)pyrene
Concen: 47.747 ng
RT: 25.086 min Scan# 3710
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Tgt Ion:252 Resp: 569759
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.7 7.1 10.7





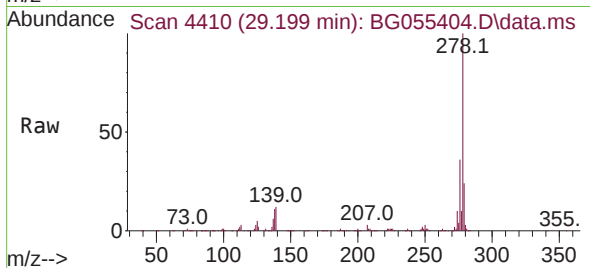
#91
Dibenzo(a,h)anthracene
Concen: 45.288 ng
RT: 29.199 min Scan# 4411
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41

Instrument :

BNA_G

ClientSampleId :

PB148503BS

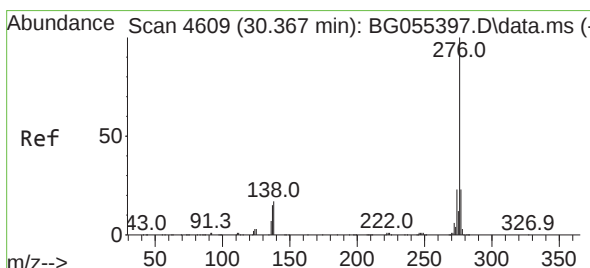
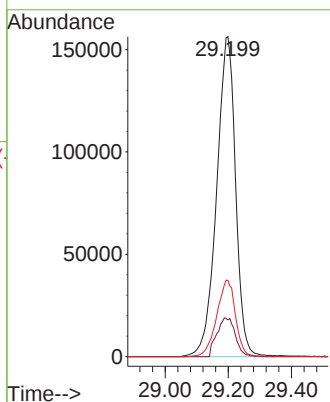
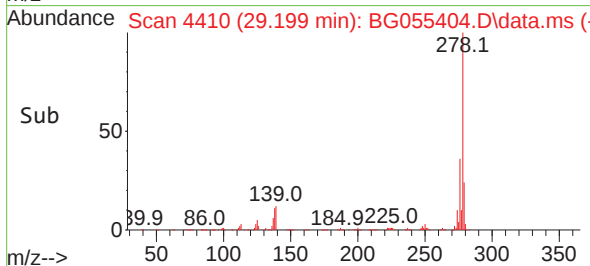


Tgt Ion:278 Resp: 651760
Ion Ratio Lower Upper
278 100
139 11.5 9.9 14.9
279 23.8 19.0 28.4

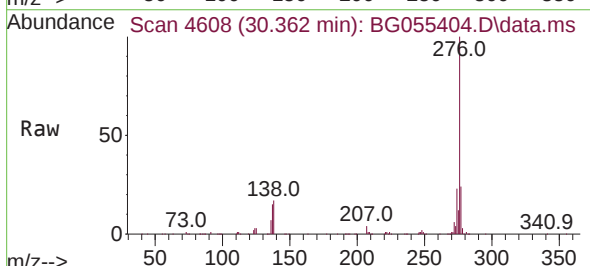
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#92
Benzo(g,h,i)perylene
Concen: 44.841 ng
RT: 30.362 min Scan# 4608
Delta R.T. -0.005 min
Lab File: BG055404.D
Acq: 1 Nov 2022 22:41



Tgt Ion:276 Resp: 641811
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 17.5 13.4 20.0

