

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053609.D
 Acq On : 18 May 2022 18:46
 Operator : CG/JU
 Sample : N2858-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-38MSD

Quant Time: May 19 05:12:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/19/2022
 Supervised By : Jagrut Upadhyay 05/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	24689	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	98213	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	78090	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	194463	20.000	ng	0.00
76) Chrysene-d12	21.733	240	191982	20.000	ng	0.00
86) Perylene-d12	25.011	264	196727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	206267	141.789	ng	0.00
7) Phenol-d6	7.247	99	292966	132.696	ng	0.00
23) Nitrobenzene-d5	9.244	82	219548	95.159	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	167260	145.224	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	484627	90.687	ng	0.00
79) Terphenyl-d14	20.053	244	998881	96.904	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.535	88	31010	40.627	ng	# 41
3) Pyridine	3.946	79	73357m	39.353	ng	
4) n-Nitrosodimethylamine	3.840	42	50062	55.132	ng	95
6) Aniline	7.412	93	108584	44.405	ng	98
8) 2-Chlorophenol	7.653	128	86705	57.013	ng	99
9) Benzaldehyde	7.212	77	44356m	31.624	ng	
10) Phenol	7.277	94	112345	52.028	ng	96
11) bis(2-Chloroethyl)ether	7.488	93	89846	55.790	ng	97
12) 1,3-Dichlorobenzene	7.970	146	88310m	49.222	ng	
13) 1,4-Dichlorobenzene	8.117	146	87592	48.381	ng	99
14) 1,2-Dichlorobenzene	8.434	146	86773	51.040	ng	99
15) Benzyl Alcohol	8.322	79	105314m	57.056	ng	
16) 2,2'-oxybis(1-Chloropr...	8.604	45	133643	50.988	ng	99
17) 2-Methylphenol	8.528	107	80331	55.042	ng	95
18) Hexachloroethane	9.162	117	33488	48.709	ng	96
19) n-Nitroso-di-n-propyla...	8.886	70	80991	51.128	ng	99
20) 3+4-Methylphenols	8.857	107	111038	53.870	ng	97
22) Acetophenone	8.904	105	142475	53.005	ng	99
24) Nitrobenzene	9.286	77	124437	55.725	ng	99
25) Isophorone	9.814	82	216133	55.663	ng	98
26) 2-Nitrophenol	10.002	139	48410	53.525	ng	95
27) 2,4-Dimethylphenol	10.061	122	86434	63.503	ng	92
28) bis(2-Chloroethoxy)met...	10.284	93	114628	51.330	ng	98
29) 2,4-Dichlorophenol	10.549	162	96727	58.882	ng	94
30) 1,2,4-Trichlorobenzene	10.754	180	95997	51.433	ng	96
31) Naphthalene	10.942	128	260462	52.136	ng	100
32) Benzoic acid	10.302	122	72523m	78.656	ng	
33) 4-Chloroaniline	11.077	127	36013	17.213	ng	# 96
34) Hexachlorobutadiene	11.224	225	70041	50.607	ng	99
35) Caprolactam	11.847	113	29946	50.164	ng	# 87
36) 4-Chloro-3-methylphenol	12.182	107	114112	58.073	ng	97
37) 2-Methylnaphthalene	12.540	142	193206	51.822	ng	99
38) 1-Methylnaphthalene	12.757	142	188163	51.728	ng	95
40) 1,2,4,5-Tetrachloroben...	12.910	216	124790	50.697	ng	98
41) Hexachlorocyclopentadiene	12.887	237	91466	89.986	ng	98
43) 2,4,6-Trichlorophenol	13.145	196	91474	56.931	ng	98

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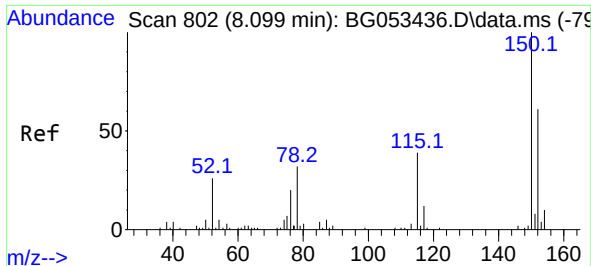
Manual Integrations
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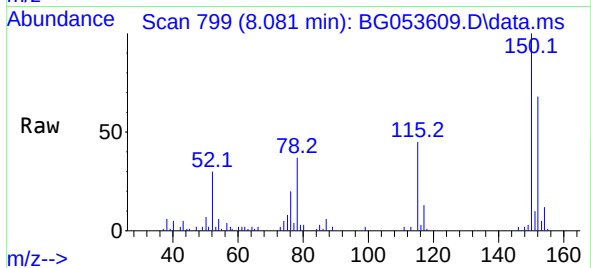
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	97355	56.931	ng	99
46) 1,1'-Biphenyl	13.539	154	273665	51.413	ng	97
47) 2-Chloronaphthalene	13.586	162	216371	51.883	ng	98
48) 2-Nitroaniline	13.791	65	88021	56.643	ng	99
49) Acenaphthylene	14.432	152	369246	55.486	ng	99
50) Dimethylphthalate	14.155	163	309896	52.223	ng	99
51) 2,6-Dinitrotoluene	14.279	165	67611	55.925	ng	95
52) Acenaphthene	14.772	154	205293	51.764	ng	97
53) 3-Nitroaniline	14.614	138	49663	38.019	ng	95
54) 2,4-Dinitrophenol	14.825	184	43476	58.475	ng	98
55) Dibenzofuran	15.107	168	362591	50.900	ng	98
56) 4-Nitrophenol	14.937	139	97358	104.349	ng	85
57) 2,4-Dinitrotoluene	15.072	165	98252	56.067	ng	90
58) Fluorene	15.753	166	299860	52.455	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.336	232	94432	54.426	ng	100
60) Diethylphthalate	15.512	149	322628	52.633	ng	98
61) 4-Chlorophenyl-phenyle...	15.736	204	164577	51.593	ng	96
62) 4-Nitroaniline	15.777	138	71504	52.775	ng	96
63) Azobenzene	16.035	77	324046	51.625	ng	98
65) 4,6-Dinitro-2-methylph...	15.841	198	47275	40.798	ng	94
66) n-Nitrosodiphenylamine	15.953	169	272681	53.407	ng	99
67) 4-Bromophenyl-phenylether	16.634	248	118036	51.973	ng	97
68) Hexachlorobenzene	16.764	284	131165	52.734	ng	99
69) Atrazine	16.899	200	114621	53.327	ng	97
70) Pentachlorophenol	17.110	266	122562	90.831	ng	93
71) Phenanthrene	17.498	178	517921	52.378	ng	97
72) Anthracene	17.586	178	525186	54.036	ng	99
73) Carbazole	17.856	167	486361	51.060	ng	99
74) Di-n-butylphthalate	18.403	149	560936	52.361	ng	100
75) Fluoranthene	19.501	202	664653	51.913	ng	99
77) Benzidine	19.677	184	407289	98.428	ng	99
78) Pyrene	19.865	202	657671	52.919	ng	100
80) Butylbenzylphthalate	20.741	149	245267	53.819	ng	99
81) Benzo(a)anthracene	21.716	228	657446	53.691	ng	99
82) 3,3'-Dichlorobenzidine	21.622	252	169872	54.706	ng	97
83) Chrysene	21.780	228	596487	52.157	ng	97
84) Bis(2-ethylhexyl)phtha...	21.604	149	349047	55.492	ng	100
85) Di-n-octyl phthalate	22.826	149	589671	55.439	ng	99
87) Indeno(1,2,3-cd)pyrene	28.777	276	723617	52.813	ng	# 99
88) Benzo(b)fluoranthene	23.972	252	678093	58.232	ng	99
89) Benzo(k)fluoranthene	24.042	252	635976	55.579	ng	98
90) Benzo(a)pyrene	24.865	252	647035	65.283	ng	99
91) Dibenzo(a,h)anthracene	28.830	278	628721	55.688	ng	98
92) Benzo(g,h,i)perylene	29.952	276	626604	55.991	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

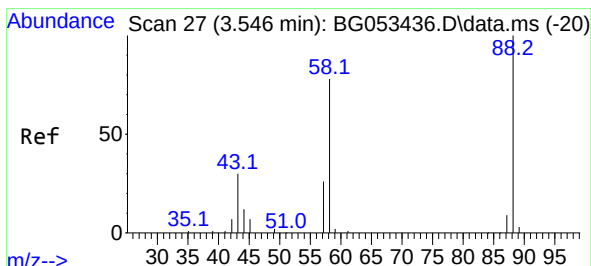
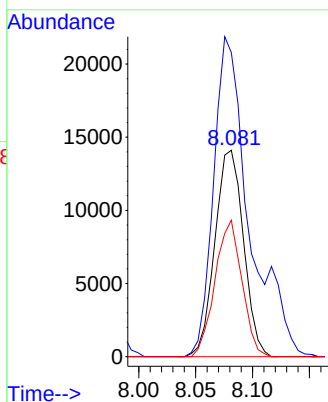
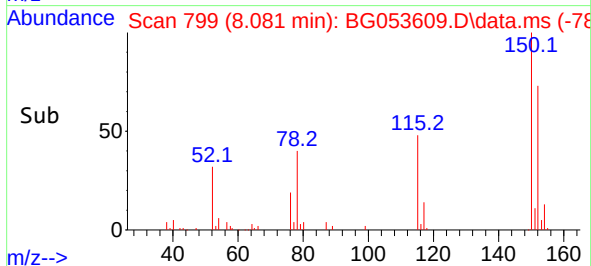
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



Tgt Ion:152 Resp: 24689
Ion Ratio Lower Upper
152 100
150 147.4 131.6 197.4
115 66.1 50.9 76.3

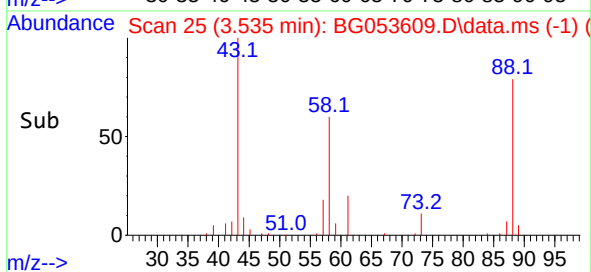
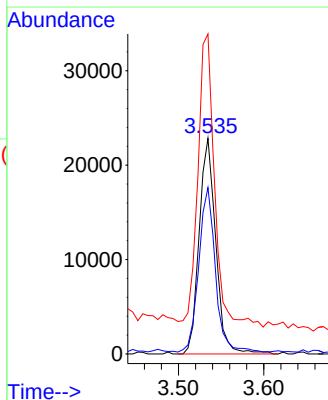
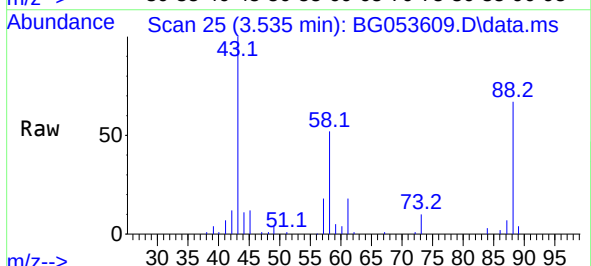
Manual Integrations
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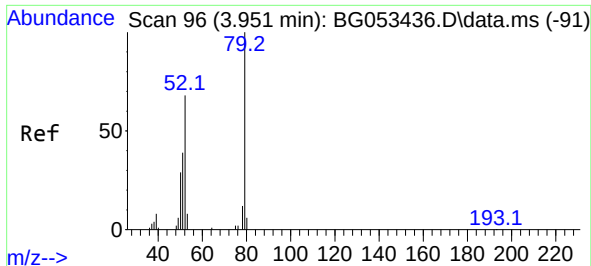
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#2
1,4-Dioxane
Concen: 40.627 ng
RT: 3.535 min Scan# 25
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

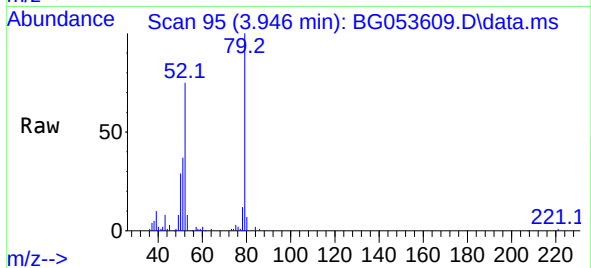
Tgt Ion: 88 Resp: 31010
Ion Ratio Lower Upper
88 100
58 76.1 59.2 88.8
43 137.8 24.3 36.5#





#3
Pyridine
Concen: 39.353 ng m
RT: 3.946 min Scan# 91
Delta R.T. 0.010 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

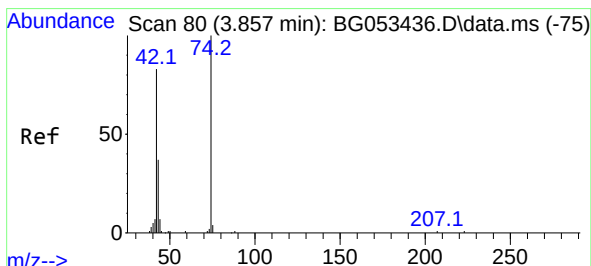
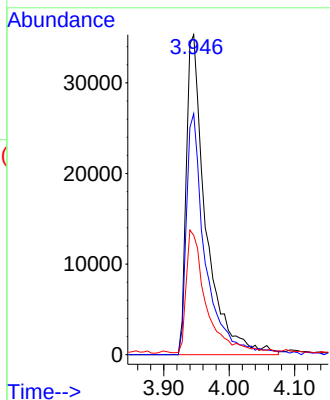
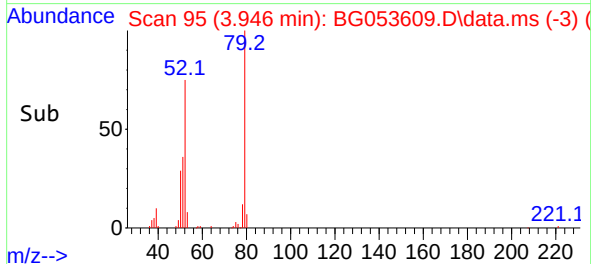
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



Tgt Ion: 79 Resp: 7335
Ion Ratio Lower Upper
79 100
52 75.3 54.6 81.8
51 37.3 32.5 48.7

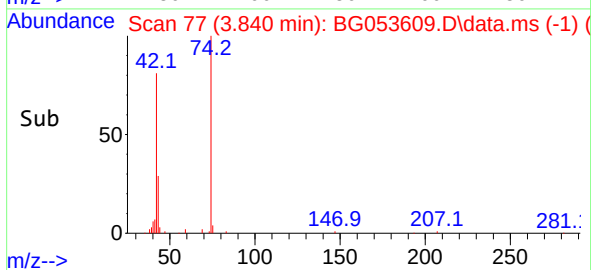
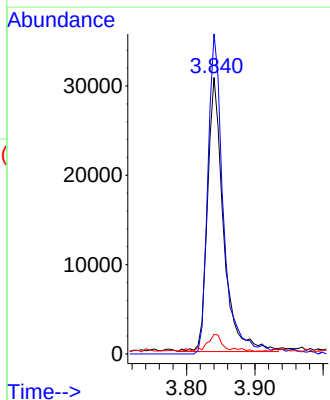
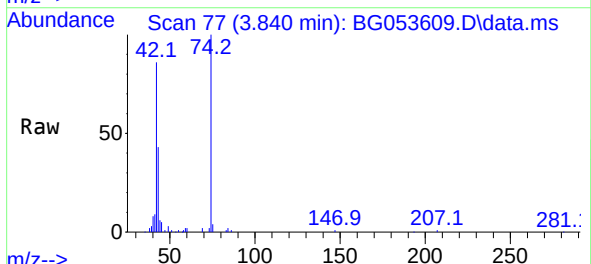
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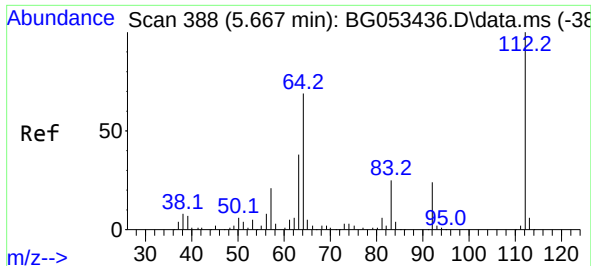
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#4
n-Nitrosodimethylamine
Concen: 55.132 ng
RT: 3.840 min Scan# 77
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion: 42 Resp: 50062
Ion Ratio Lower Upper
42 100
74 115.7 97.0 145.4
44 7.1 7.0 10.4





#5
2-Fluorophenol
Concen: 141.789 ng
RT: 5.649 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

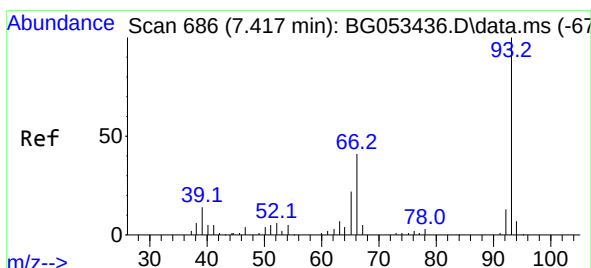
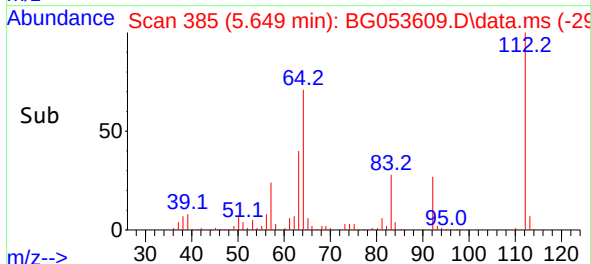
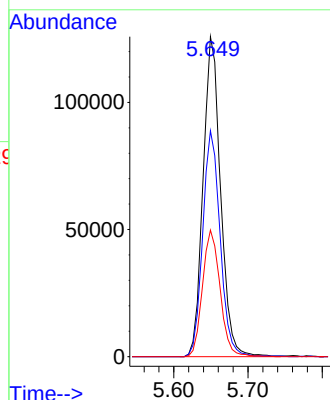
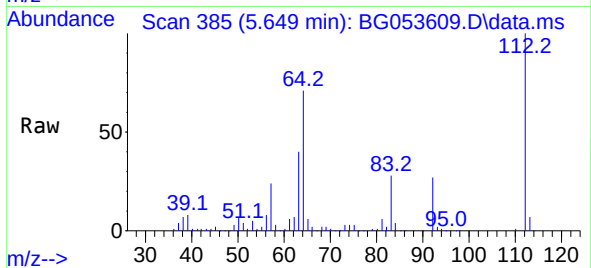
TP-38MSD

Tgt Ion:112 Resp: 20626
Ion Ratio Lower Upper
112 100
64 70.6 55.1 82.7
63 39.5 30.4 45.6

Manual Integrations

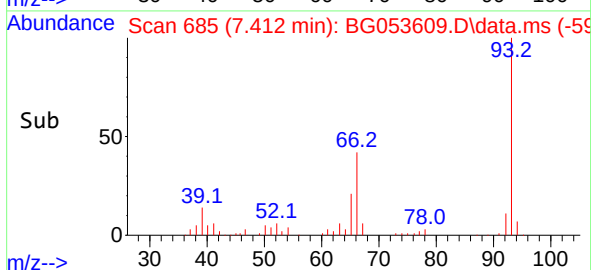
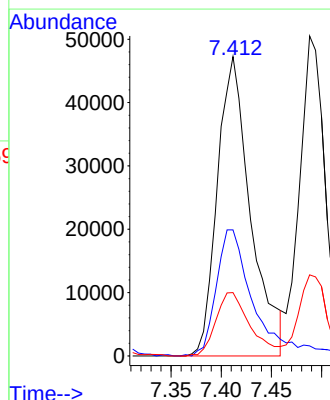
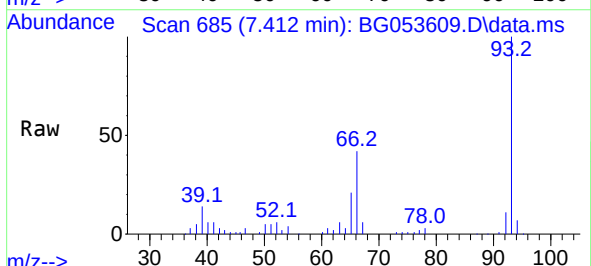
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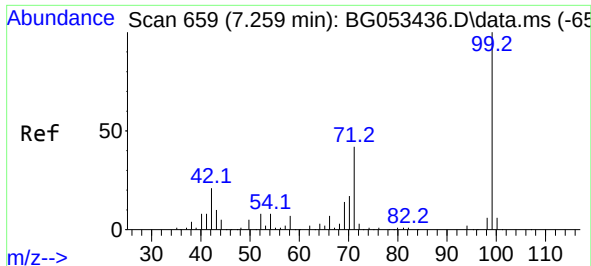
Reviewed By :Christian Giraldo 05/19/2022
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#6
Aniline
Concen: 44.405 ng
RT: 7.412 min Scan# 685
Delta R.T. 0.004 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion: 93 Resp: 108584
Ion Ratio Lower Upper
93 100
66 42.1 32.9 49.3
65 21.2 17.8 26.8





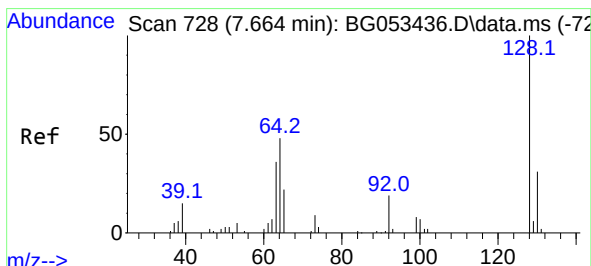
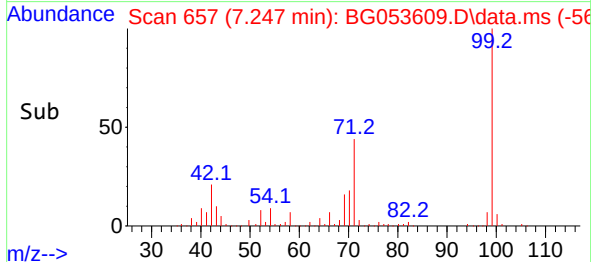
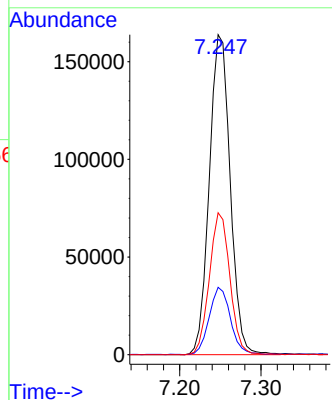
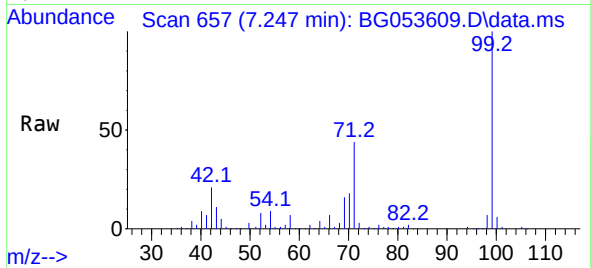
#7
Phenol-d6
Concen: 132.696 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion: 99 Resp: 292960
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 44.3 33.8 50.8

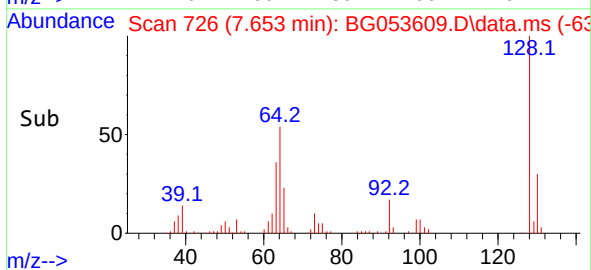
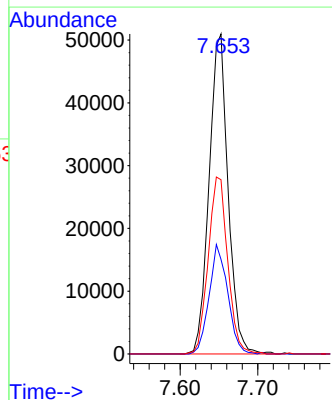
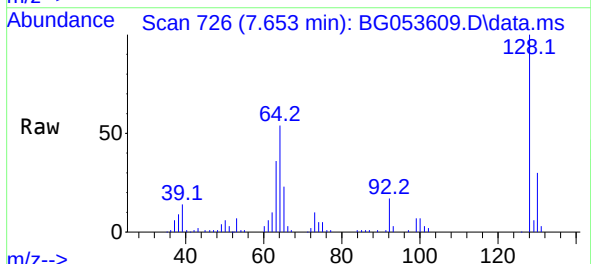
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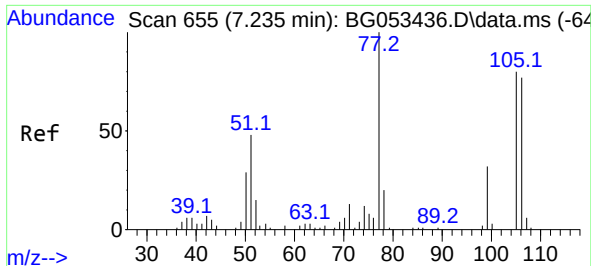
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#8
2-Chlorophenol
Concen: 57.013 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:128 Resp: 86705
Ion Ratio Lower Upper
128 100
130 29.6 10.5 50.5
64 54.5 35.1 75.1





#9
Benzaldehyde
Concen: 31.624 ng m
RT: 7.212 min Scan# 61
Delta R.T. -0.014 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

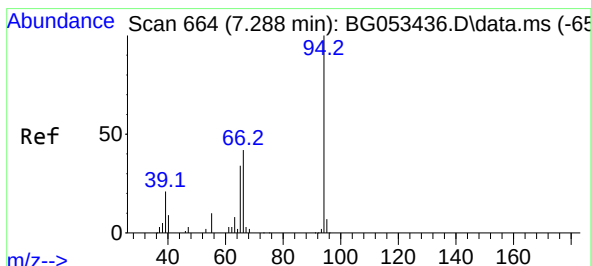
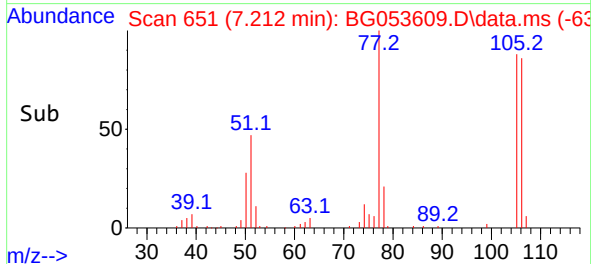
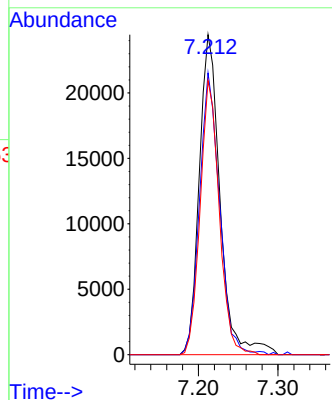
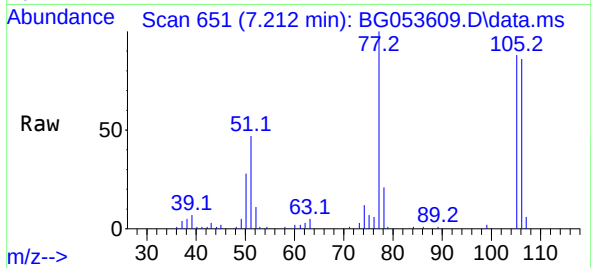
TP-38MSD

Tgt Ion: 77 Resp: 4435
Ion Ratio Lower Upper
77 100
105 88.1 59.6 99.6
106 85.6 56.8 96.8

Manual Integrations

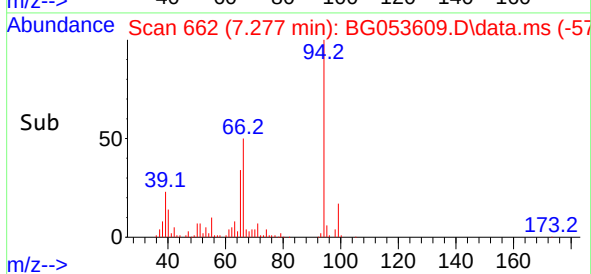
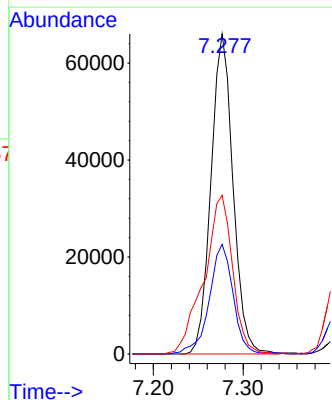
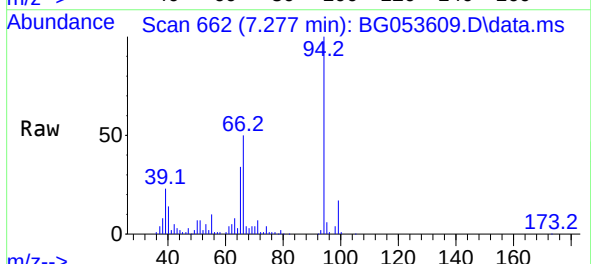
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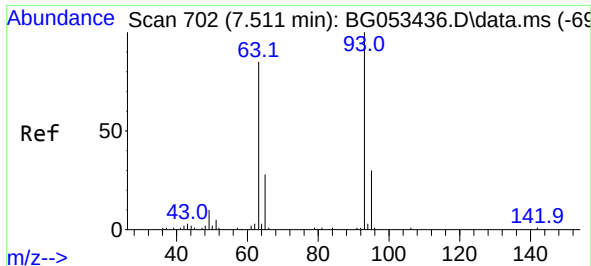
Reviewed By :Christian Giraldo 05/19/2022
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#10
Phenol
Concen: 52.028 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion: 94 Resp: 112345
Ion Ratio Lower Upper
94 100
65 34.2 14.8 54.8
66 49.6 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 55.790 ng
RT: 7.488 min Scan# 698
Delta R.T. -0.014 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

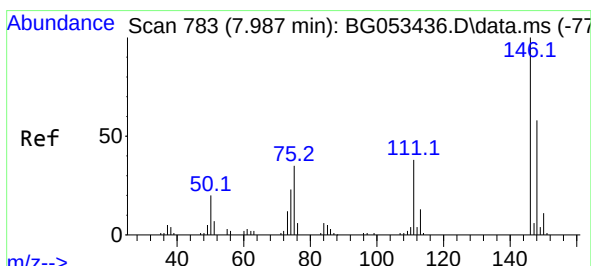
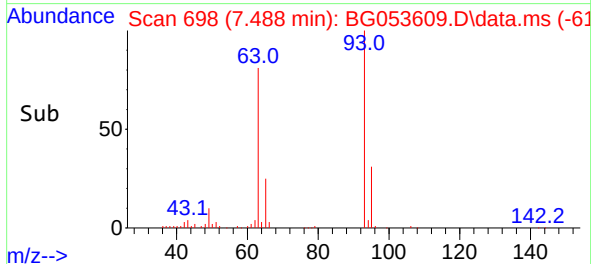
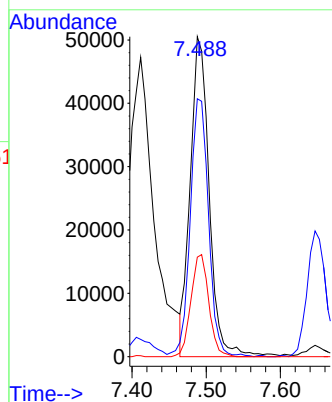
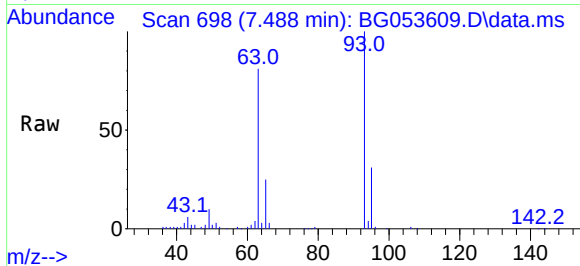
TP-38MSD

Tgt Ion: 93 Resp: 89840
Ion Ratio Lower Upper
93 100
63 80.6 63.6 103.6
95 31.1 10.1 50.1

Manual Integrations

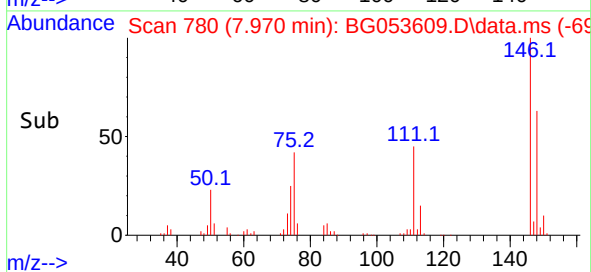
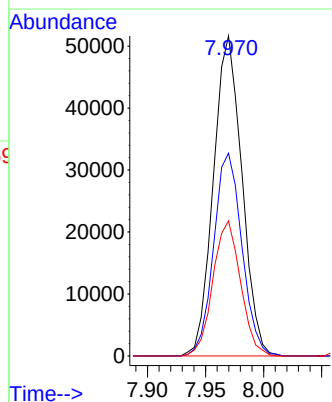
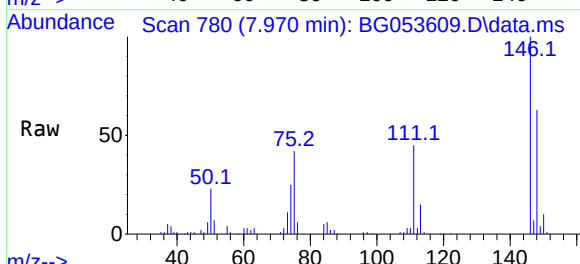
APPROVED

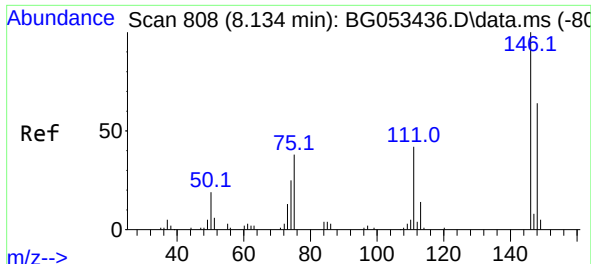
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#12
1,3-Dichlorobenzene
Concen: 49.222 ng m
RT: 7.970 min Scan# 780
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:146 Resp: 88310
Ion Ratio Lower Upper
146 100
148 63.3 46.1 69.1
75 42.2 27.6 41.4#





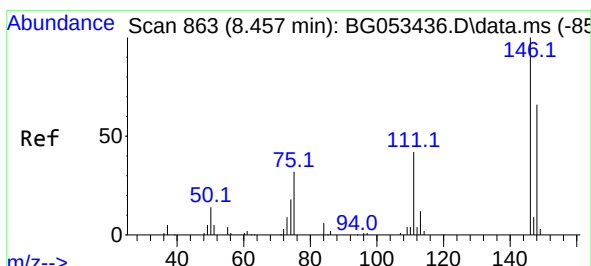
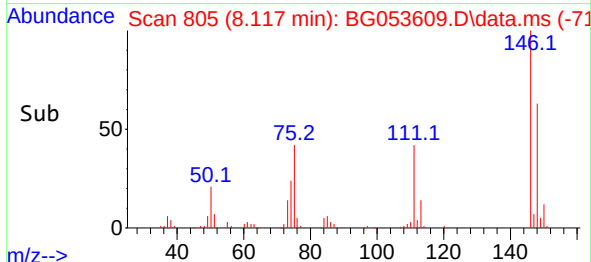
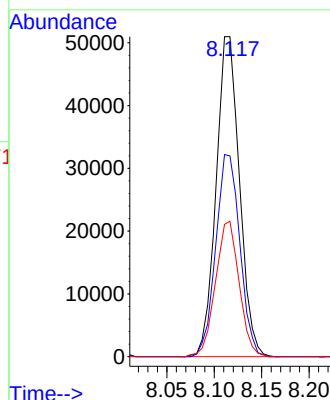
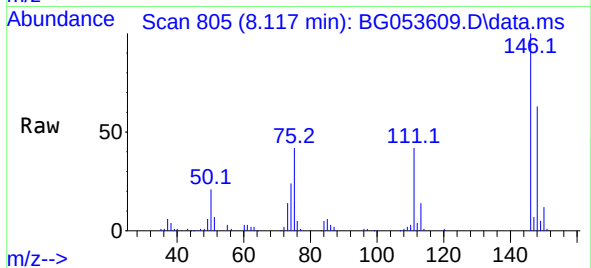
#13
1,4-Dichlorobenzene
Concen: 48.381 ng
RT: 8.117 min Scan# 808
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:146 Resp: 87592
Ion Ratio Lower Upper
146 100
148 62.7 51.5 77.3
111 42.3 33.9 50.9

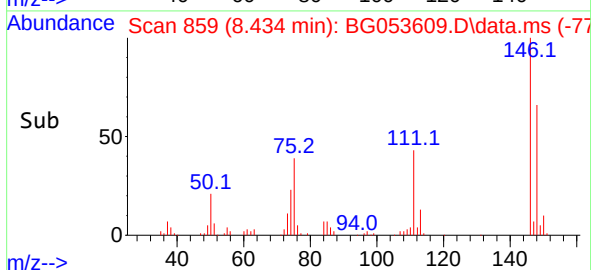
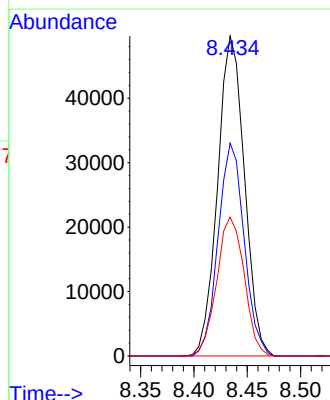
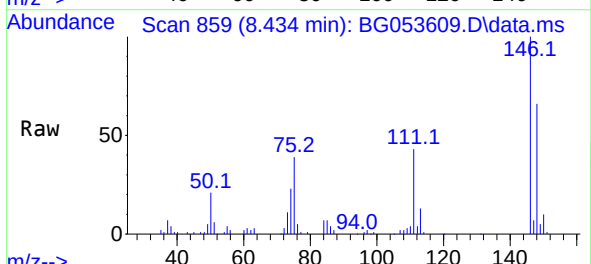
Manual Integrations
APPROVED

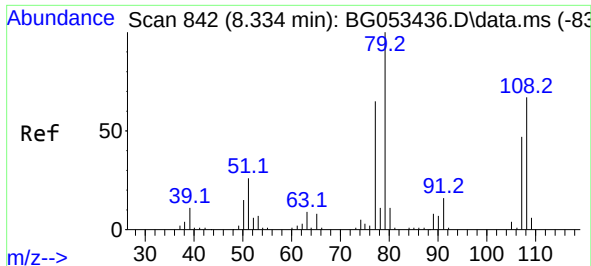
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#14
1,2-Dichlorobenzene
Concen: 51.040 ng
RT: 8.434 min Scan# 859
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:146 Resp: 86773
Ion Ratio Lower Upper
146 100
148 66.5 52.6 78.8
111 43.4 34.5 51.7





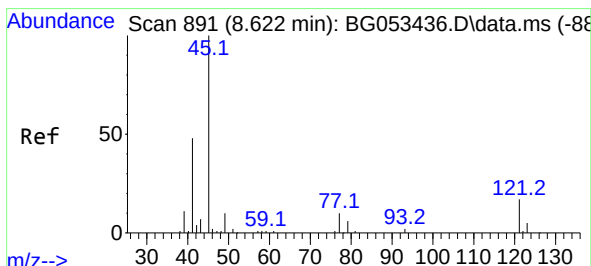
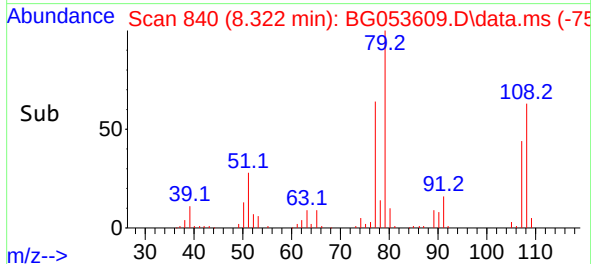
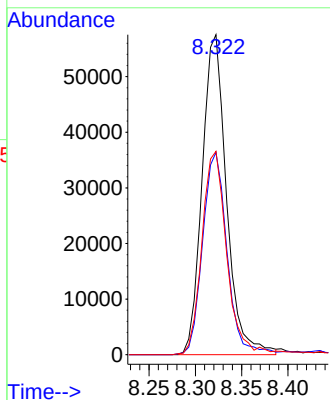
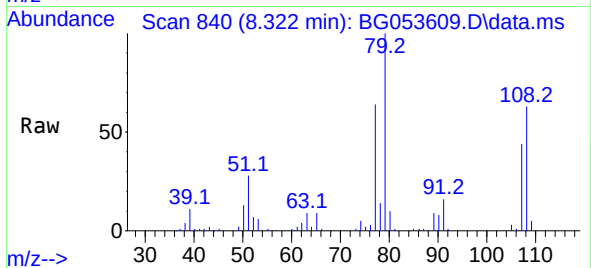
#15
Benzyl Alcohol
Concen: 57.056 ng m
RT: 8.322 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion: 79 Resp: 105314
Ion Ratio Lower Upper
79 100
108 63.2 53.7 80.5
77 63.5 52.2 78.4

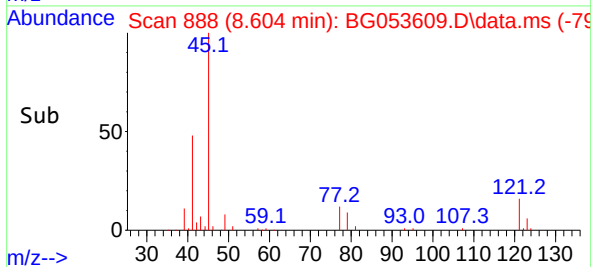
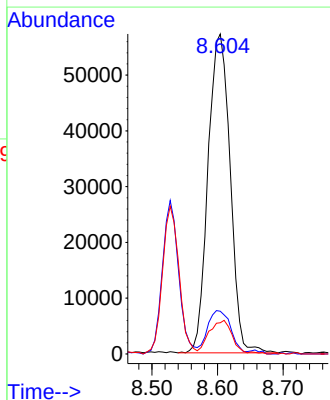
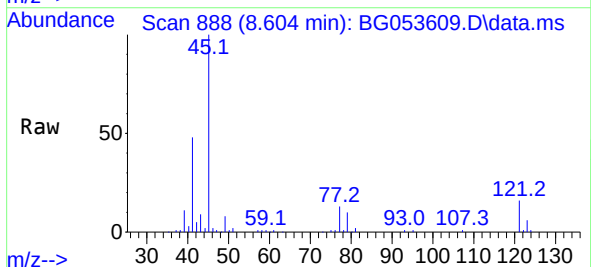
Manual Integrations
APPROVED

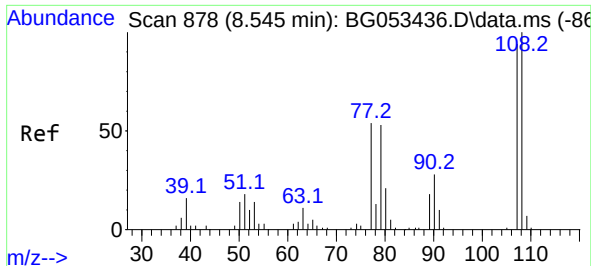
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.988 ng
RT: 8.604 min Scan# 888
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion: 45 Resp: 133643
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.7
79 9.8 0.0 29.7





#17
2-Methylphenol
Concen: 55.042 ng
RT: 8.528 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

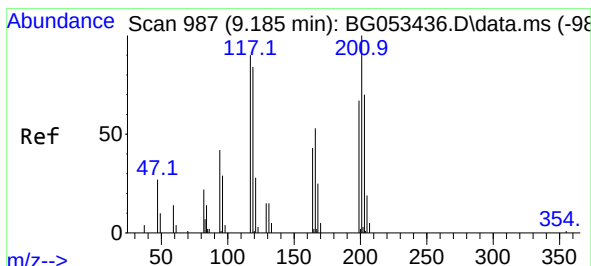
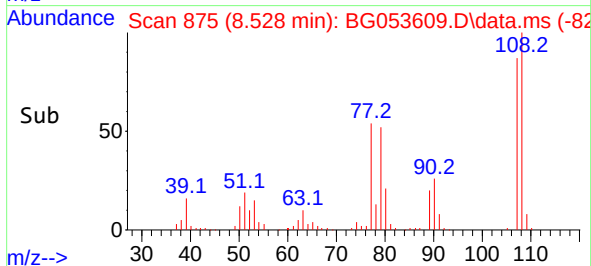
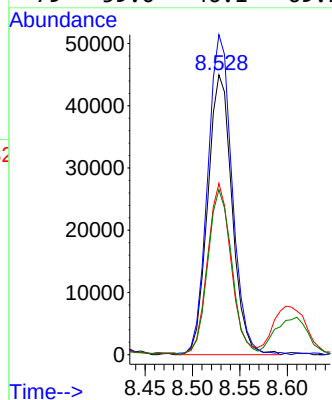
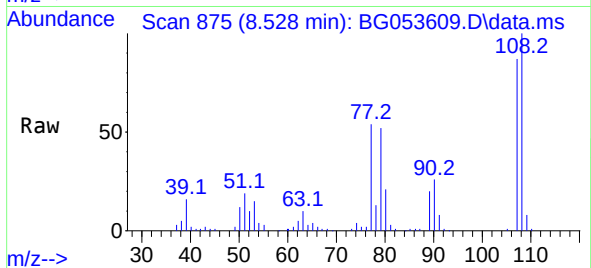
TP-38MSD

Tgt Ion:107 Resp: 8033
Ion Ratio Lower Upper
107 100
108 114.4 85.4 128.0
77 61.2 46.2 69.2
79 59.0 46.1 69.1

Manual Integrations

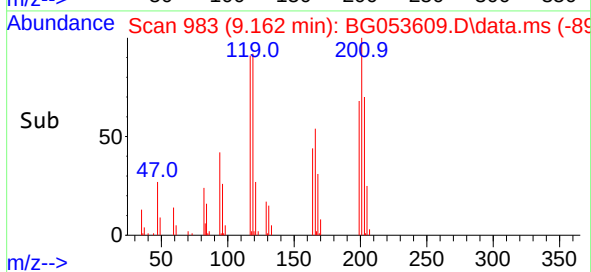
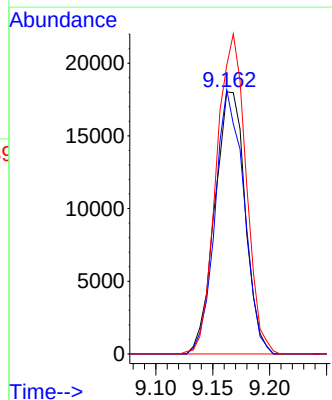
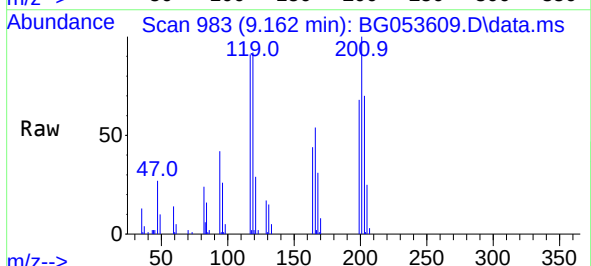
APPROVED

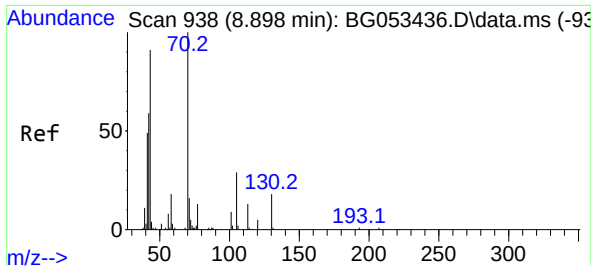
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#18
Hexachloroethane
Concen: 48.709 ng
RT: 9.162 min Scan# 983
Delta R.T. -0.014 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

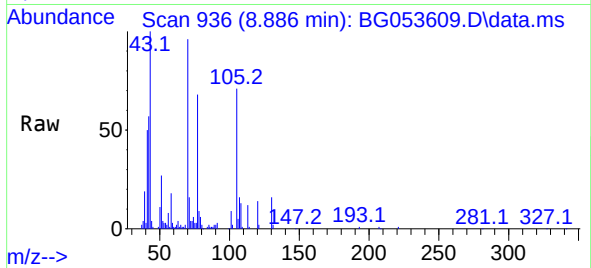
Tgt Ion:117 Resp: 33488
Ion Ratio Lower Upper
117 100
119 100.8 75.0 112.6
201 110.1 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 51.128 ng
RT: 8.886 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

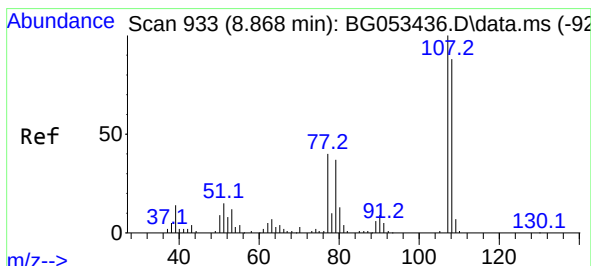
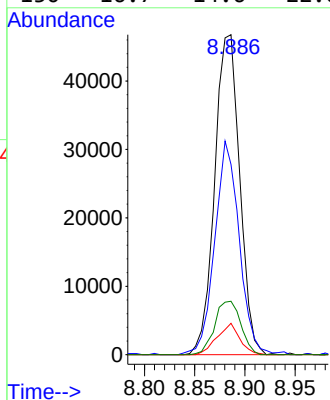
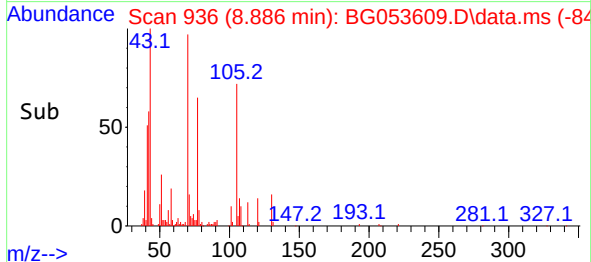
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



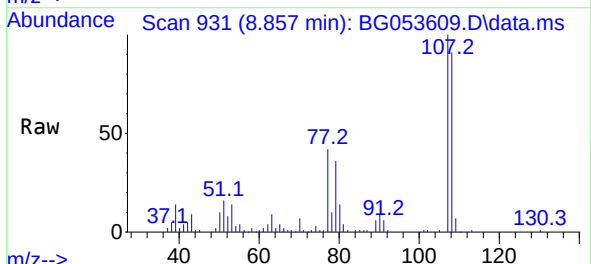
Tgt Ion: 70 Resp: 8099
Ion Ratio Lower Upper
70 100
42 59.4 47.3 70.9
101 9.8 7.0 10.4
130 16.7 14.6 22.0

Manual Integrations
APPROVED

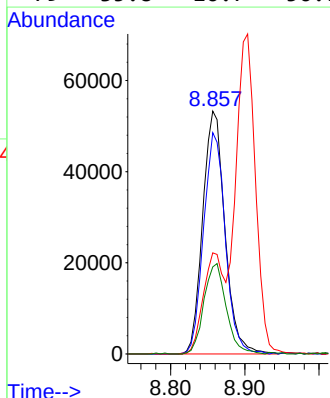
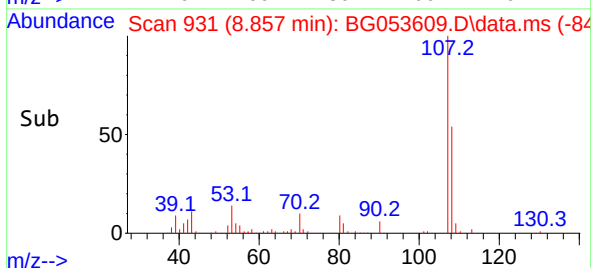
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

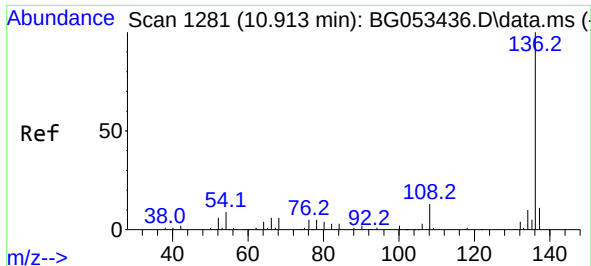


#20
3+4-Methylphenols
Concen: 53.870 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:107 Resp: 111038
Ion Ratio Lower Upper
107 100
108 91.1 67.5 107.5
77 41.6 20.3 60.3
79 35.8 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1089
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

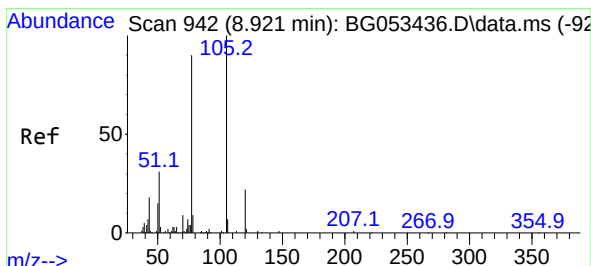
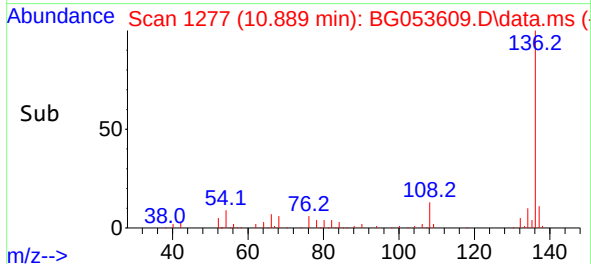
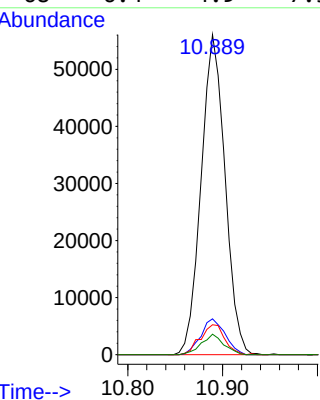
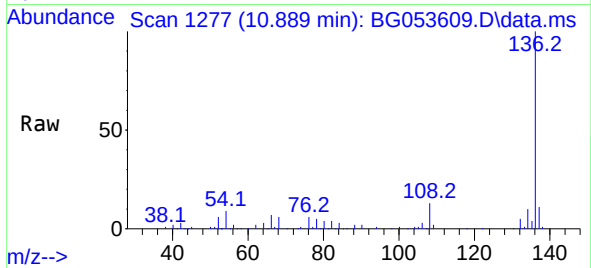
TP-38MSD

Tgt Ion:136	Resp: 9821
Ion Ratio	Lower Upper
136 100	
137 11.2	8.5 12.7
54 9.3	7.4 11.2
68 6.4	4.9 7.3

Manual Integrations

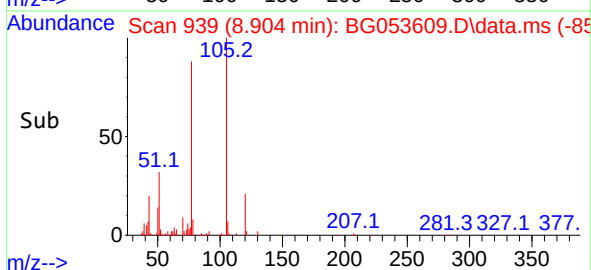
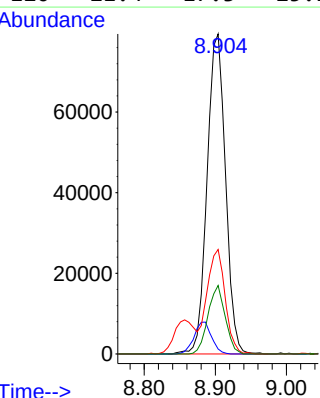
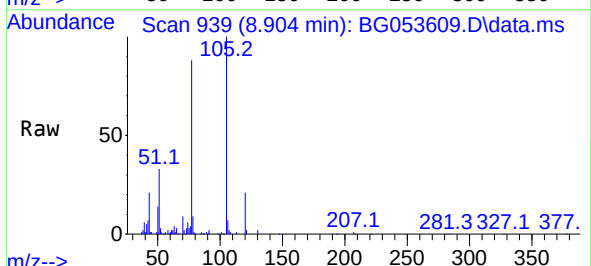
APPROVED

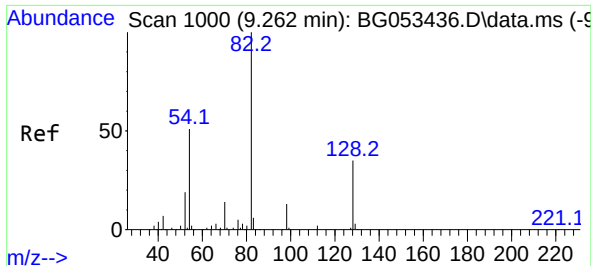
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#22
Acetophenone
Concen: 53.005 ng
RT: 8.904 min Scan# 939
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:105	Resp: 142475
Ion Ratio	Lower Upper
105 100	
71 1.5	1.1 1.7
51 32.7	25.4 38.0
120 21.4	17.3 25.9





#23

Nitrobenzene-d5

Concen: 95.159 ng

RT: 9.244 min Scan# 90

Delta R.T. -0.008 min

Lab File: BG053609.D

Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

TP-38MSD

Tgt Ion: 82 Resp: 21954

Ion Ratio Lower Upper

82 100

128 35.7 27.9 41.9

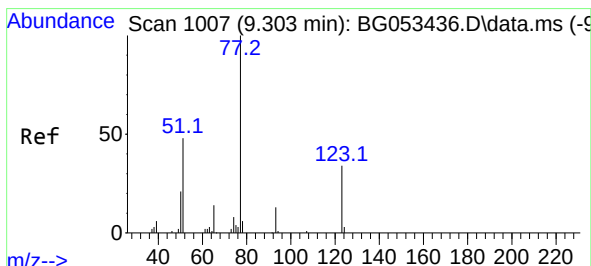
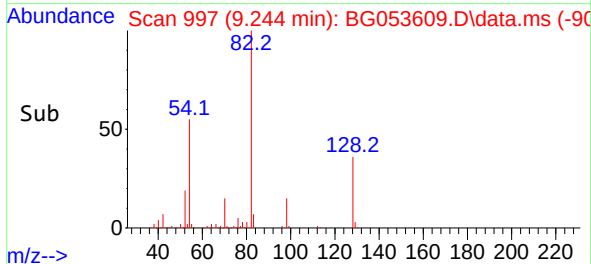
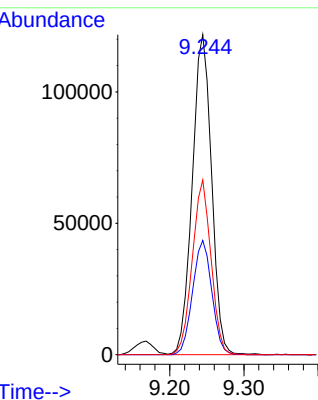
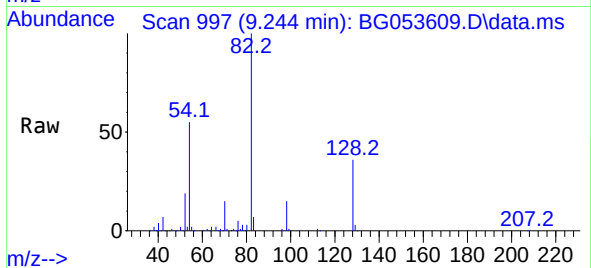
54 54.6 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#24

Nitrobenzene

Concen: 55.725 ng

RT: 9.286 min Scan# 1004

Delta R.T. -0.008 min

Lab File: BG053609.D

Acq: 18 May 2022 18:46

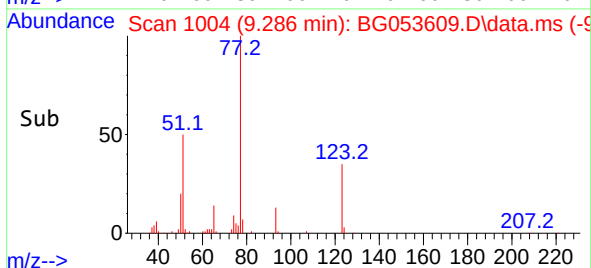
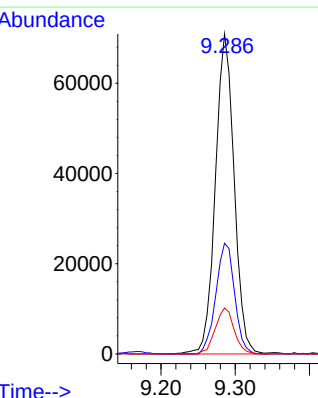
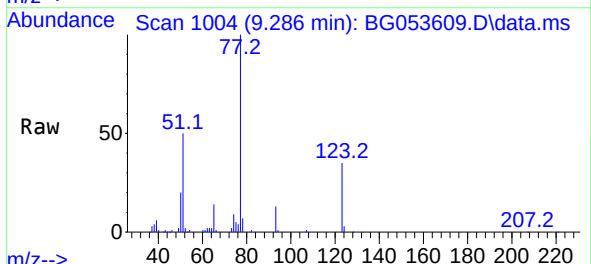
Tgt Ion: 77 Resp: 124437

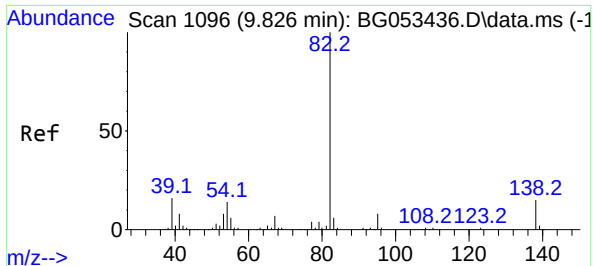
Ion Ratio Lower Upper

77 100

123 34.6 27.4 41.0

65 14.4 11.4 17.0





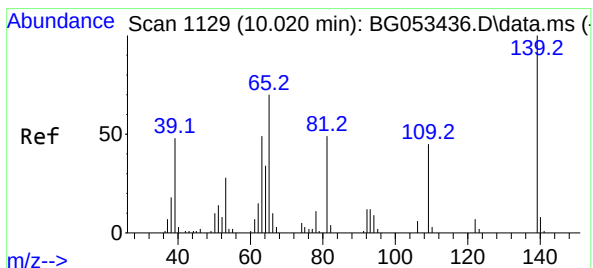
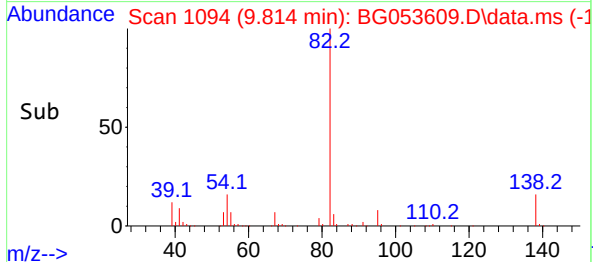
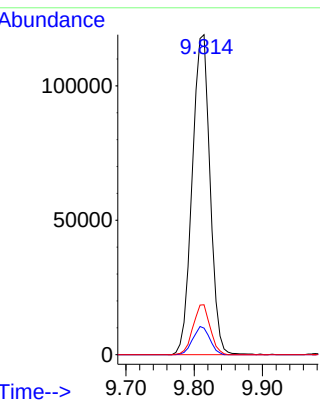
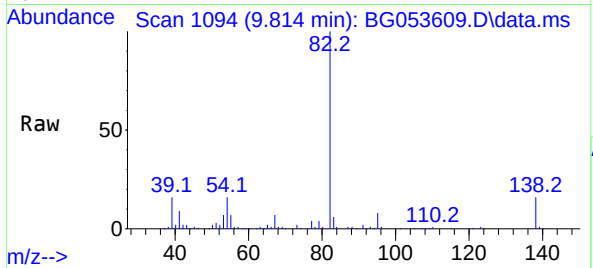
#25
Isophorone
Concen: 55.663 ng
RT: 9.814 min Scan# 1094
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion: 82 Resp: 21613
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.4
138 15.6 11.6 17.4

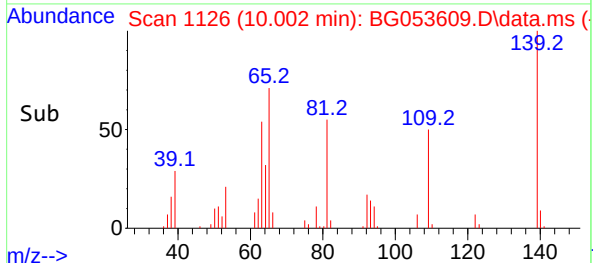
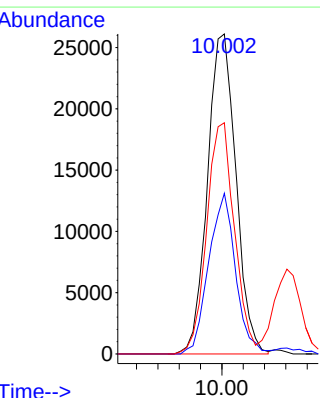
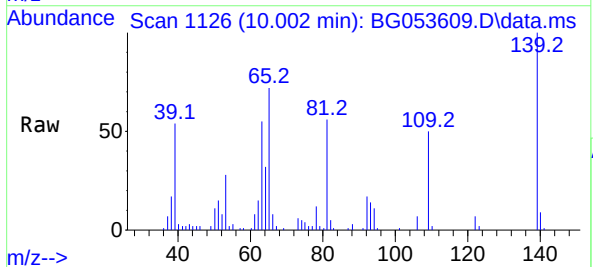
Manual Integrations
APPROVED

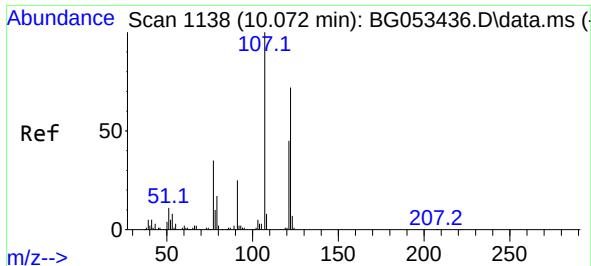
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#26
2-Nitrophenol
Concen: 53.525 ng
RT: 10.002 min Scan# 1126
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:139 Resp: 48410
Ion Ratio Lower Upper
139 100
109 50.2 36.1 54.1
65 72.2 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 63.503 ng

RT: 10.061 min Scan# 1136

Delta R.T. -0.002 min

Lab File: BG053609.D

Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

TP-38MSD

Tgt Ion:122 Resp: 86434

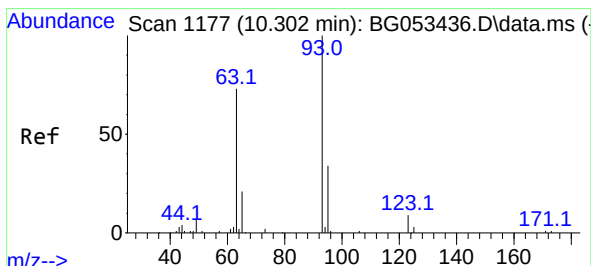
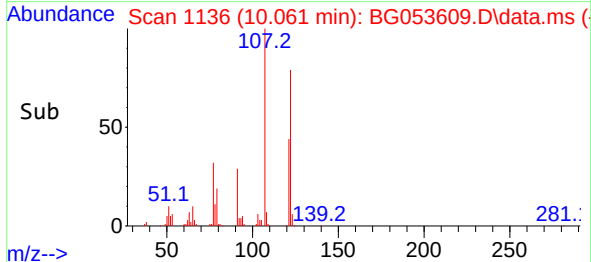
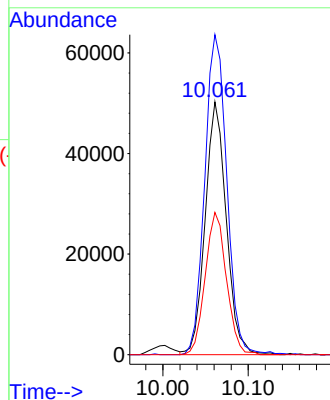
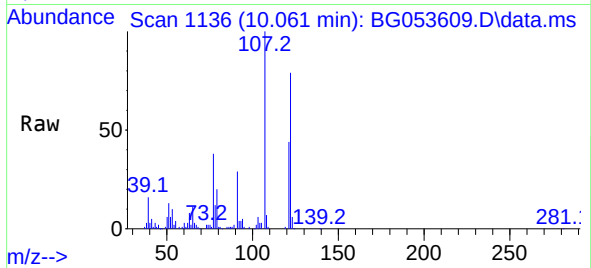
Ion	Ratio	Lower	Upper
122	100		
107	126.6	109.4	164.0
121	56.3	48.7	73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.330 ng

RT: 10.284 min Scan# 1174

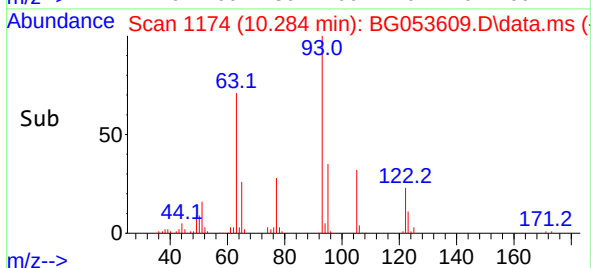
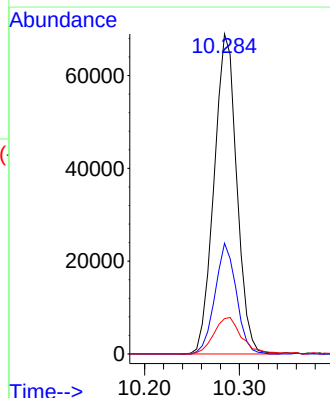
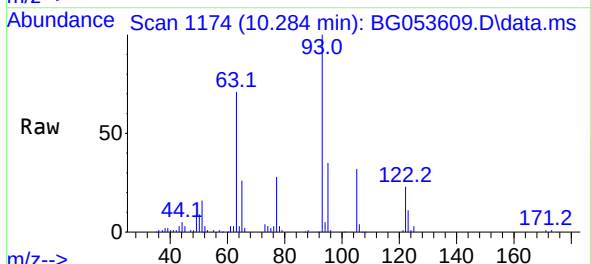
Delta R.T. -0.008 min

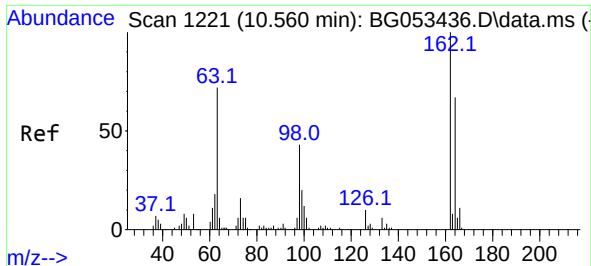
Lab File: BG053609.D

Acq: 18 May 2022 18:46

Tgt Ion: 93 Resp: 114628

Ion	Ratio	Lower	Upper
93	100		
95	34.6	26.9	40.3
123	11.0	7.7	11.5





#29

2,4-Dichlorophenol

Concen: 58.882 ng

RT: 10.549 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053609.D

Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

TP-38MSD

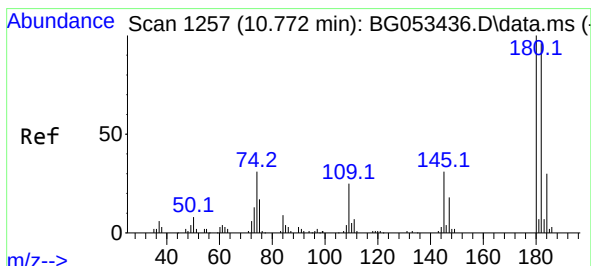
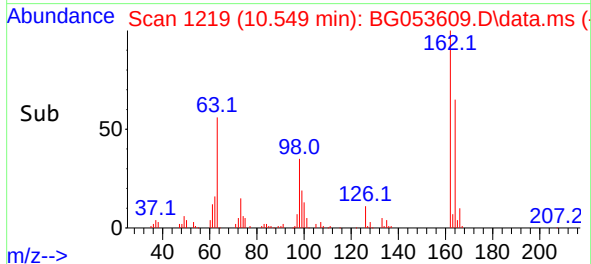
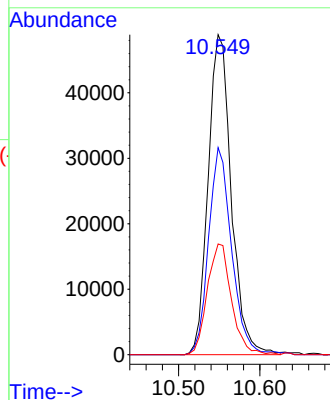
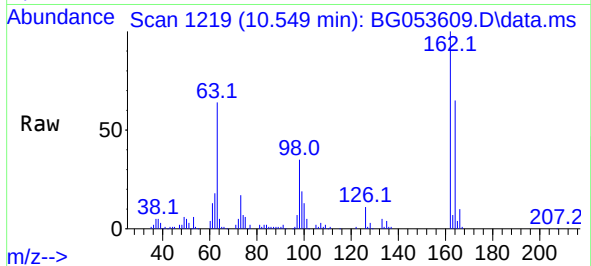
Tgt Ion:	162	Resp:	9672
Ion Ratio	Lower	Upper	
162	100		
164	64.7	46.6	86.6
98	34.6	22.8	62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 51.433 ng

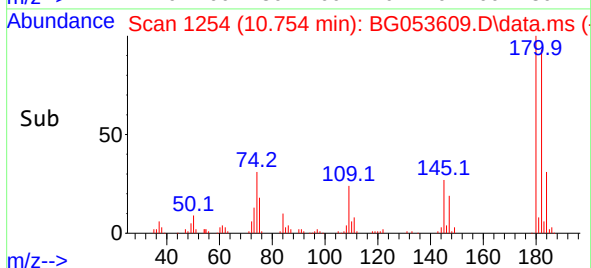
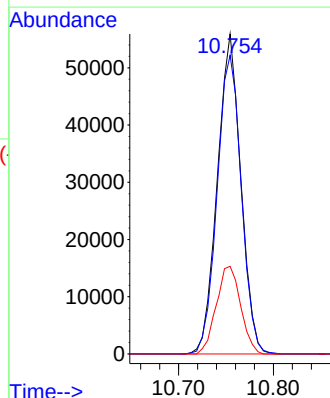
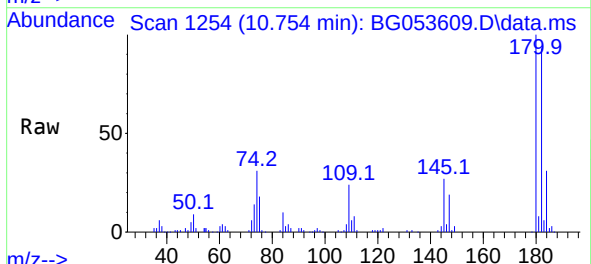
RT: 10.754 min Scan# 1254

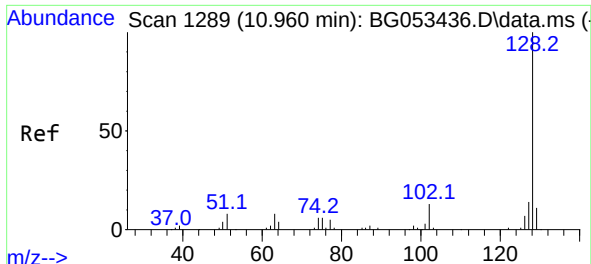
Delta R.T. -0.008 min

Lab File: BG053609.D

Acq: 18 May 2022 18:46

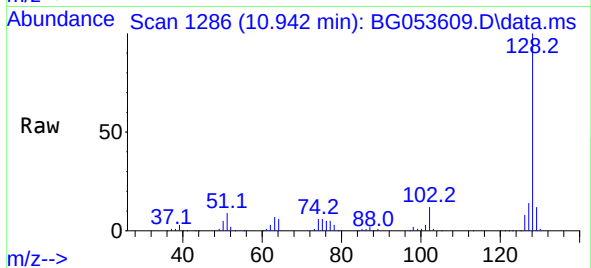
Tgt Ion:	180	Resp:	95997
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.6	115.0
145	27.4	25.0	37.4





#31
Naphthalene
Concen: 52.136 ng
RT: 10.942 min Scan# 1177
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

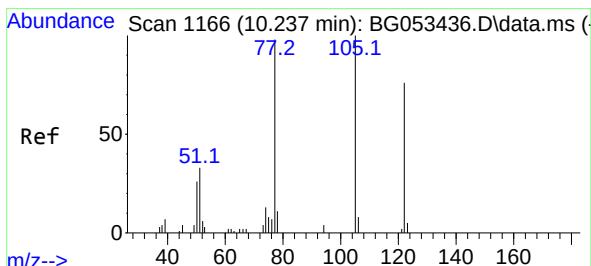
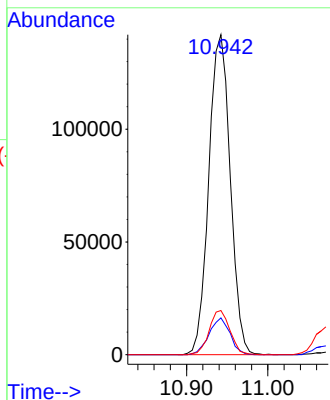
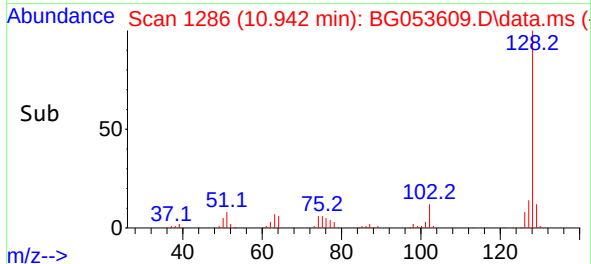
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



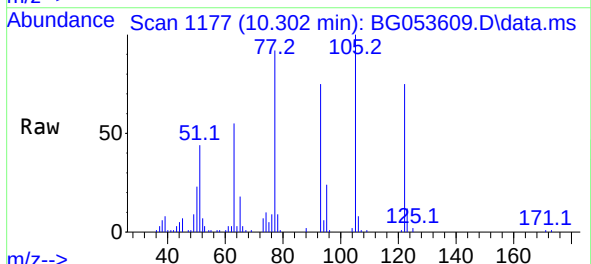
Tgt Ion:128 Resp: 260462
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 11.1 16.7

Manual Integrations
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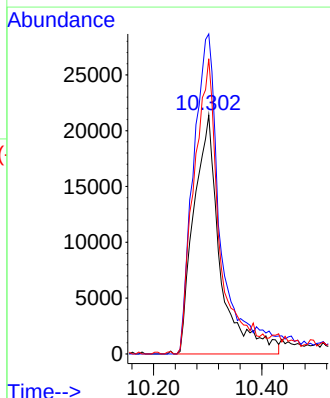
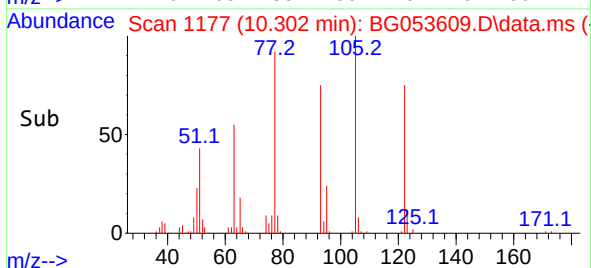
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

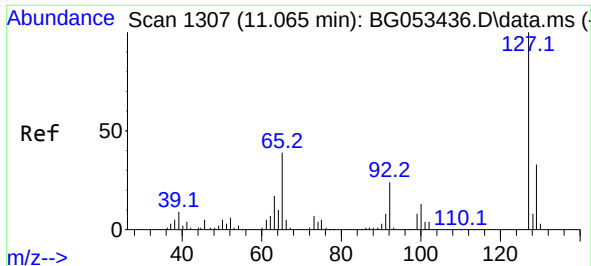


#32
Benzoic acid
Concen: 78.656 ng m
RT: 10.302 min Scan# 1177
Delta R.T. 0.062 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:122 Resp: 72523
Ion Ratio Lower Upper
122 100
105 134.0 111.8 151.8
77 123.6 109.4 149.4





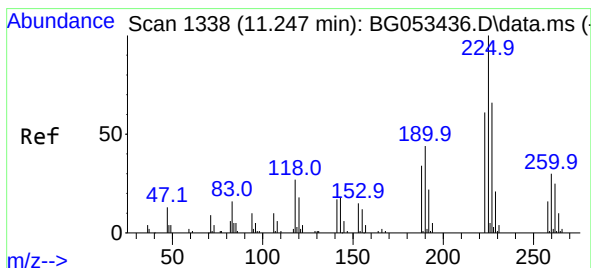
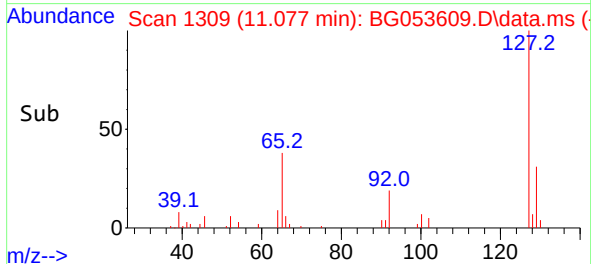
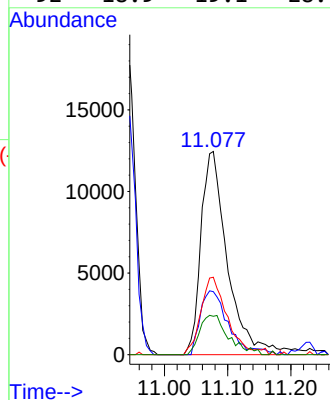
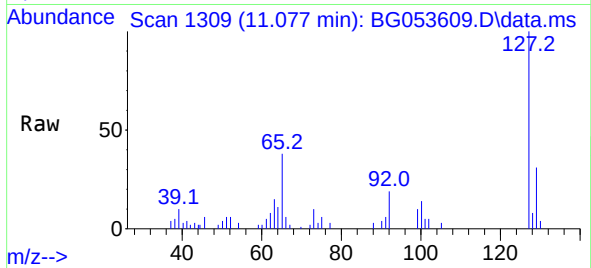
#33
4-Chloroaniline
Concen: 17.213 ng
RT: 11.077 min Scan# 1107
Delta R.T. 0.021 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:	127	Resp:	3601
Ion Ratio	Lower	Upper	
127	100		
129	31.1	26.3	39.5
65	38.1	31.1	46.7
92	18.9	19.1	28.7

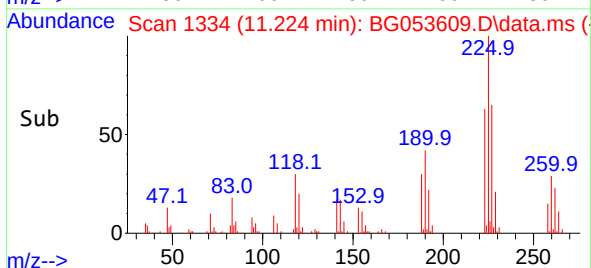
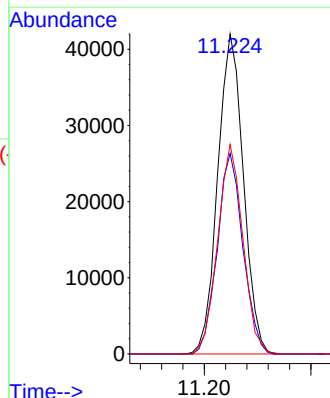
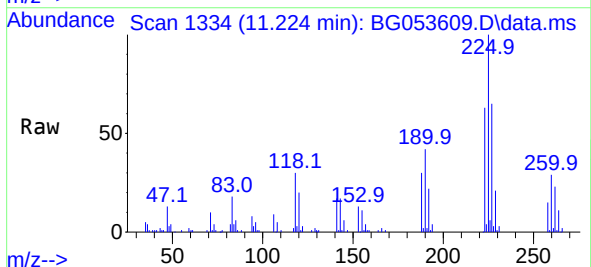
Manual Integrations
APPROVED

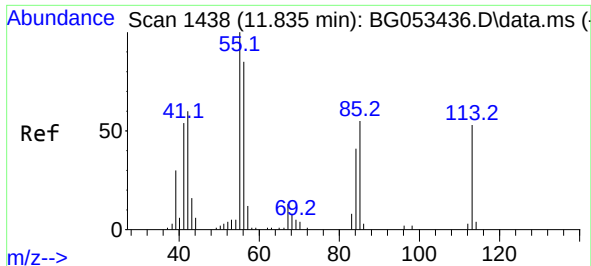
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#34
Hexachlorobutadiene
Concen: 50.607 ng
RT: 11.224 min Scan# 1334
Delta R.T. -0.014 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:	225	Resp:	70041
Ion Ratio	Lower	Upper	
225	100		
223	62.6	48.9	73.3
227	65.4	52.8	79.2





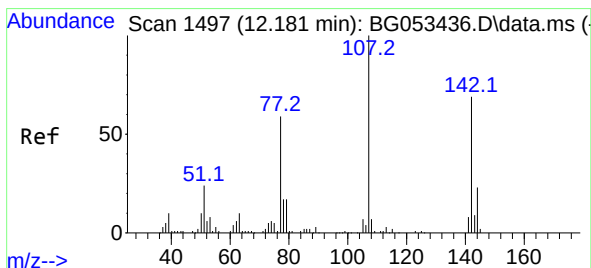
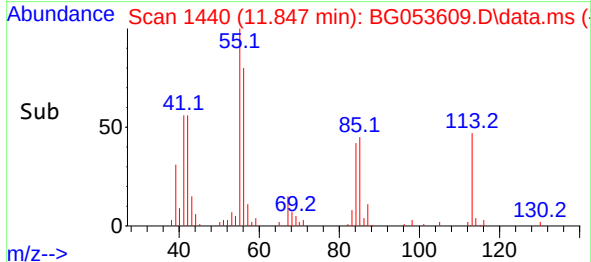
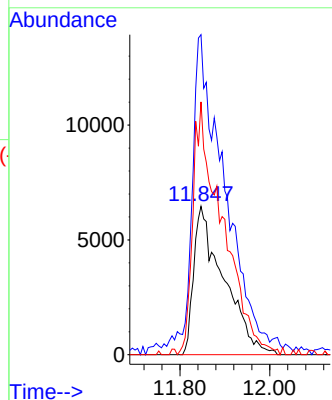
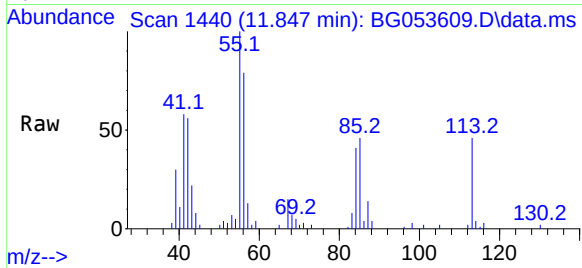
#35
Caprolactam
Concen: 50.164 ng
RT: 11.847 min Scan# 1438
Delta R.T. 0.015 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:113 Resp: 29940
Ion Ratio Lower Upper
113 100
55 215.7 169.8 209.8
56 170.5 141.2 181.2

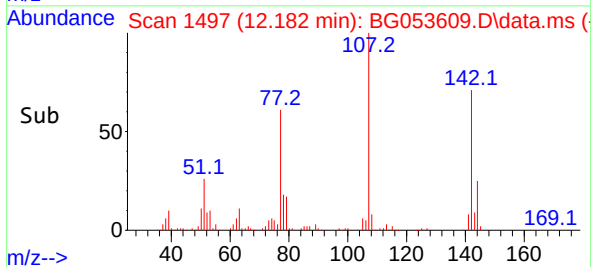
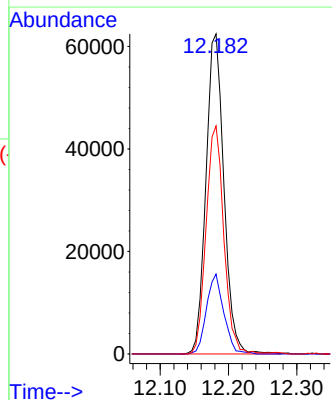
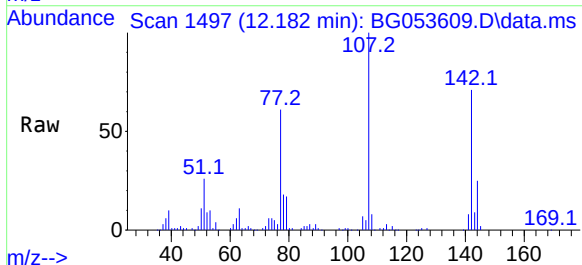
Manual Integrations
APPROVED

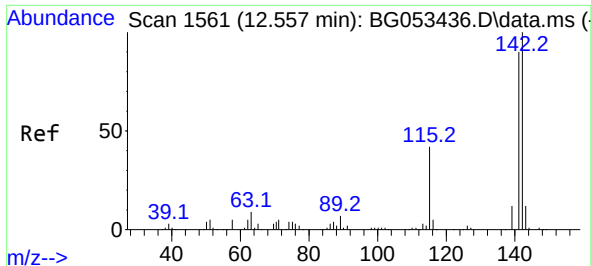
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#36
4-Chloro-3-methylphenol
Concen: 58.073 ng
RT: 12.182 min Scan# 1497
Delta R.T. 0.004 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

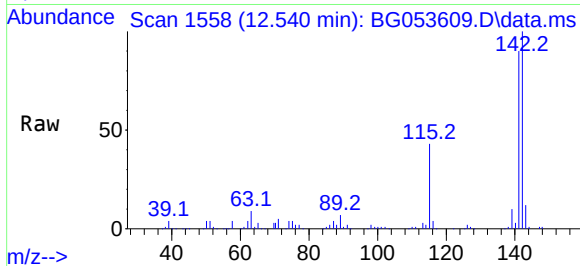
Tgt Ion:107 Resp: 114112
Ion Ratio Lower Upper
107 100
144 24.9 18.5 27.7
142 71.2 55.0 82.4





#37
2-Methylnaphthalene
Concen: 51.822 ng
RT: 12.540 min Scan# 1558
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

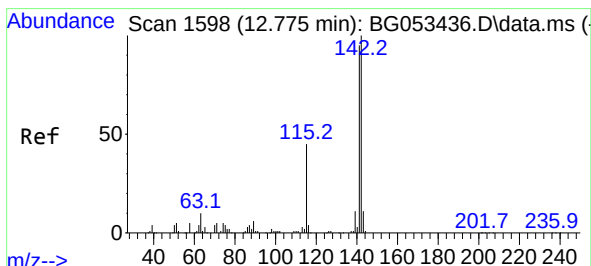
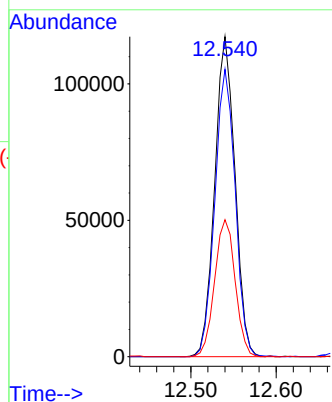
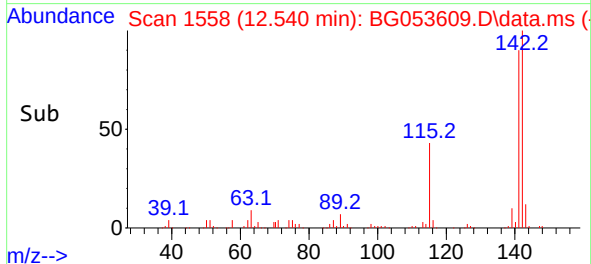
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



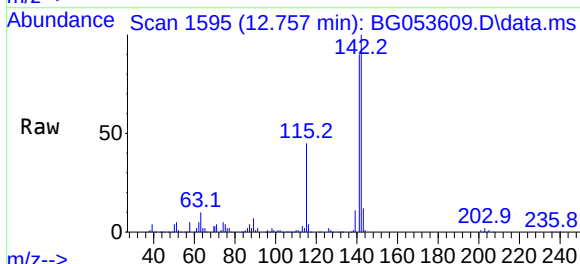
Tgt Ion:142 Resp: 193200
Ion Ratio Lower Upper
142 100
141 89.8 72.3 108.5
115 42.8 33.7 50.5

Manual Integrations
APPROVED

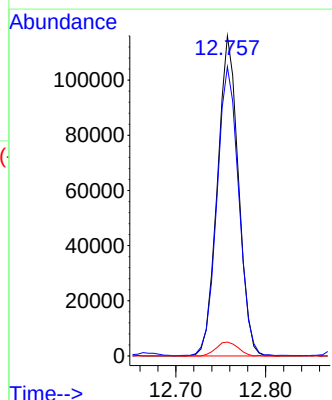
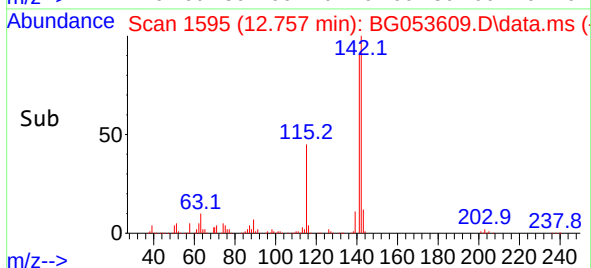
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

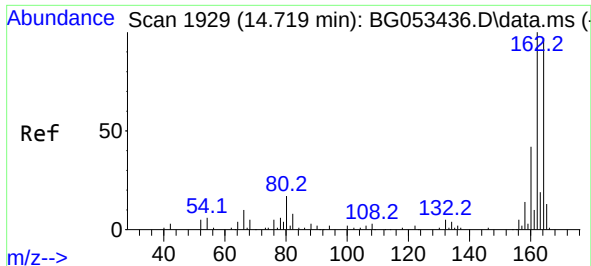


#38
1-Methylnaphthalene
Concen: 51.728 ng
RT: 12.757 min Scan# 1595
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:142 Resp: 188163
Ion Ratio Lower Upper
142 100
141 90.4 76.4 114.6
116 4.3 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

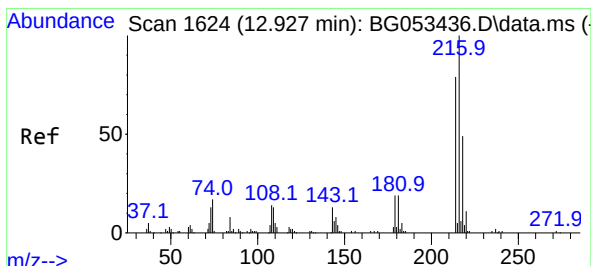
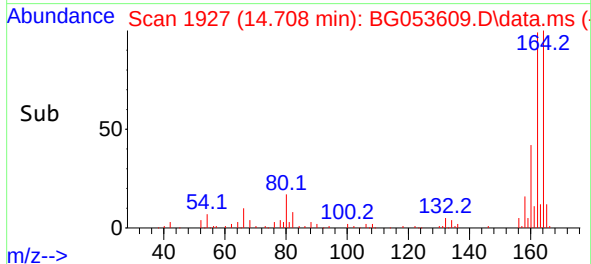
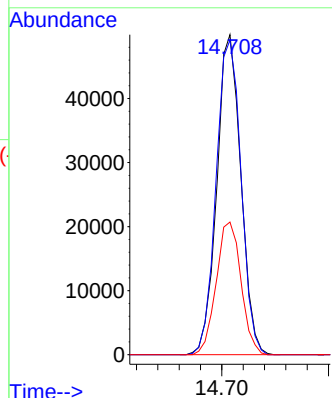
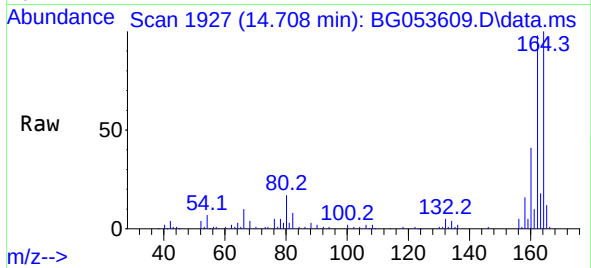
TP-38MSD

Tgt Ion:164 Resp: 78090
Ion Ratio Lower Upper
164 100
162 98.4 82.3 123.5
160 41.4 34.2 51.2

Manual Integrations

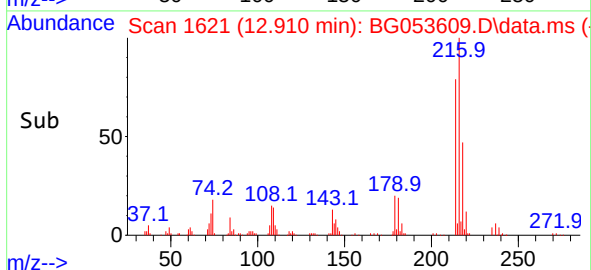
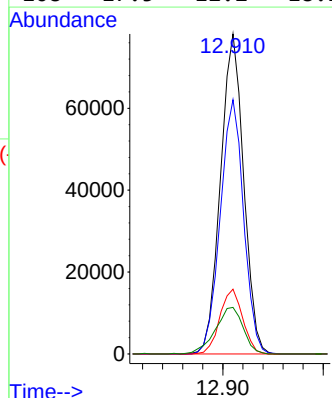
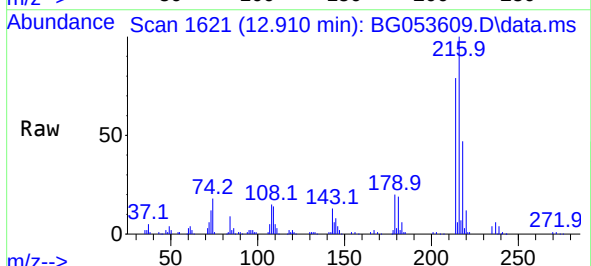
APPROVED

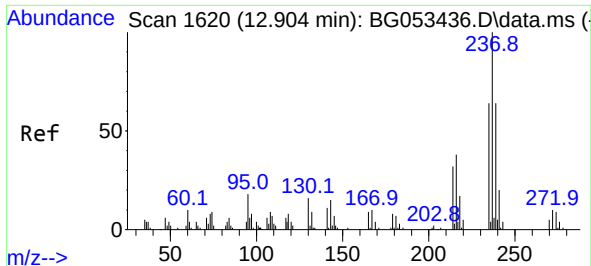
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.697 ng
RT: 12.910 min Scan# 1621
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

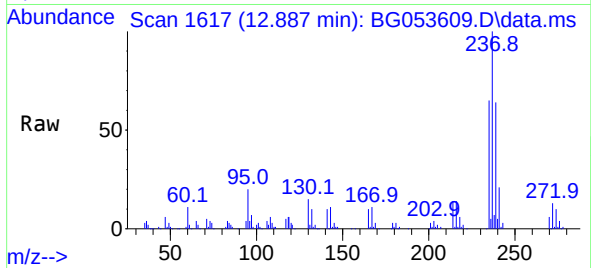
Tgt Ion:216 Resp: 124790
Ion Ratio Lower Upper
216 100
214 80.2 62.9 94.3
179 20.0 16.1 24.1
108 17.5 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 89.986 ng
RT: 12.887 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

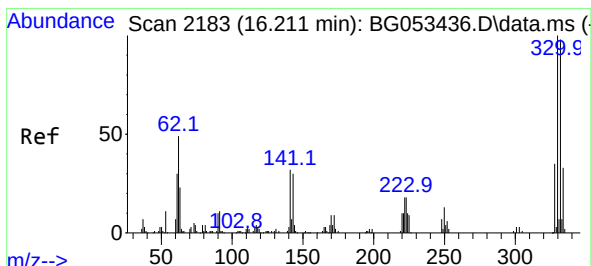
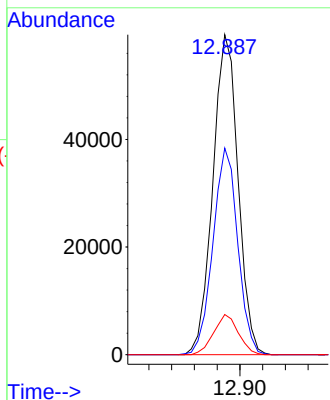
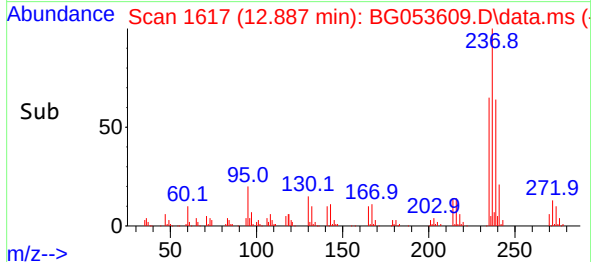
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



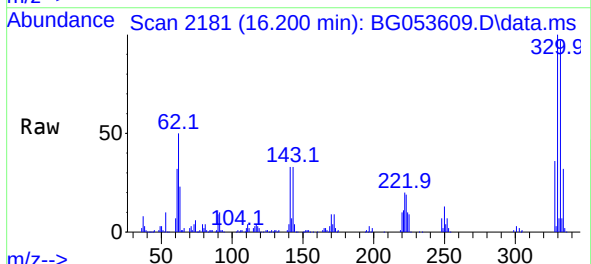
Tgt Ion:237 Resp: 91460
Ion Ratio Lower Upper
237 100
235 64.5 43.5 83.5
272 12.6 0.0 30.1

Manual Integrations
APPROVED

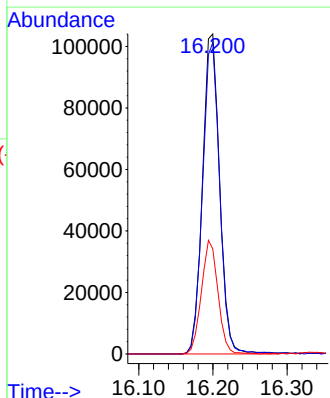
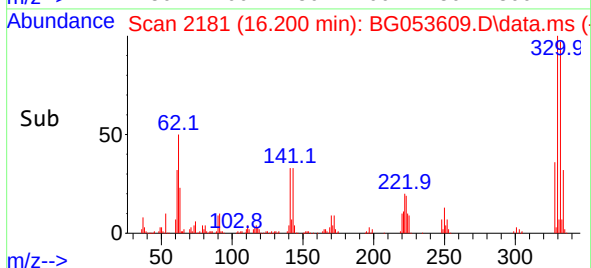
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

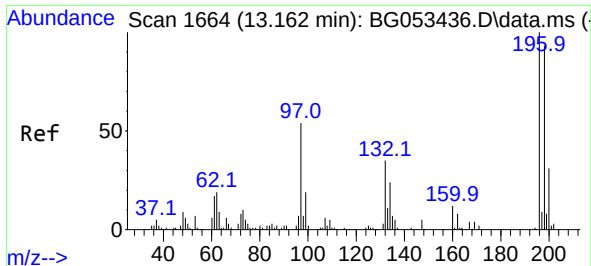


#42
2,4,6-Tribromophenol
Concen: 145.224 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



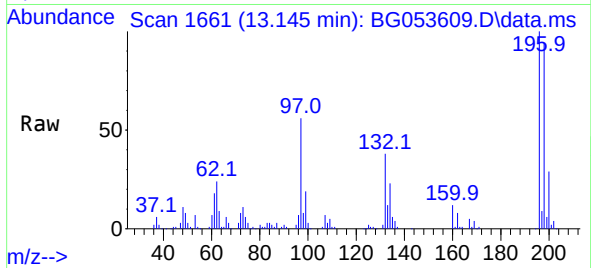
Tgt Ion:330 Resp: 167260
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 34.3 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 56.931 ng
RT: 13.145 min Scan# 1661
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

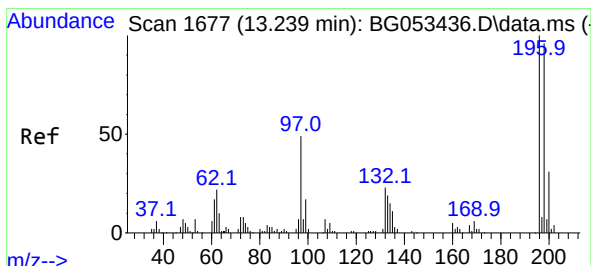
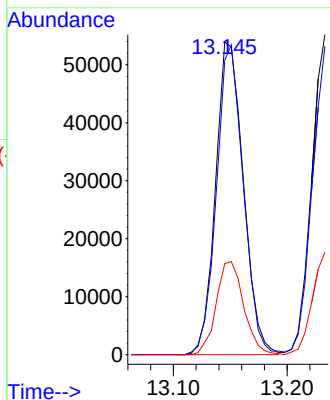
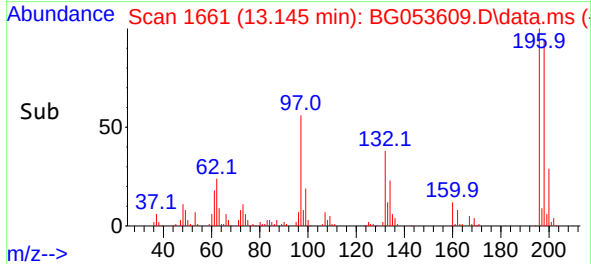
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



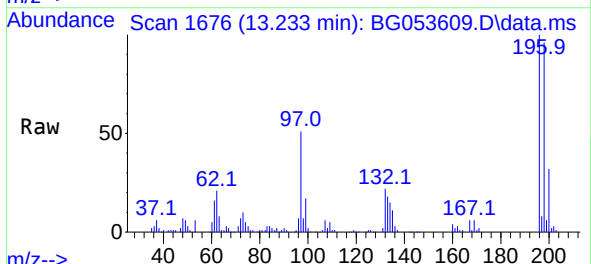
Tgt Ion:196 Resp: 91474
Ion Ratio Lower Upper
196 100
198 94.1 74.1 111.1
200 29.1 24.7 37.1

Manual Integrations
APPROVED

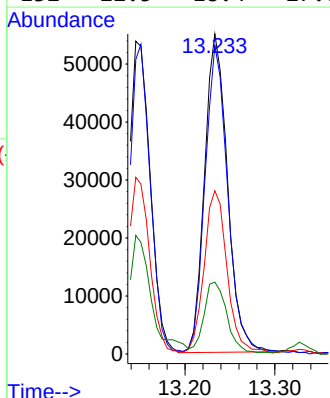
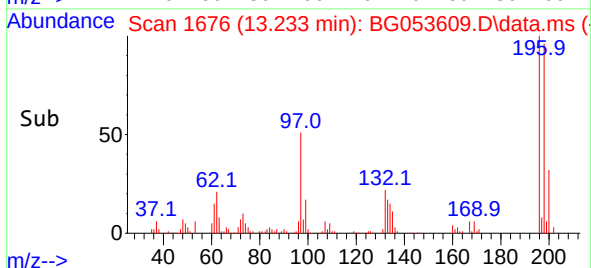
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

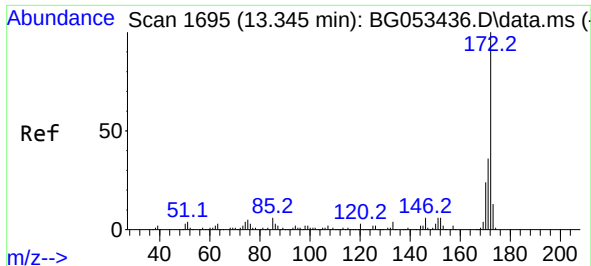


#44
2,4,5-Trichlorophenol
Concen: 56.931 ng
RT: 13.233 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:196 Resp: 97355
Ion Ratio Lower Upper
196 100
198 96.4 76.8 115.2
97 51.0 39.8 59.6
132 22.5 18.4 27.6





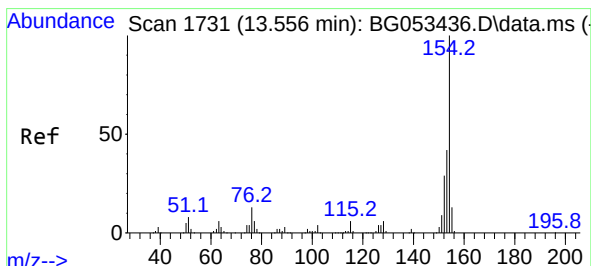
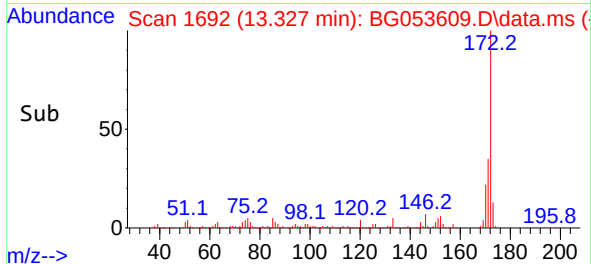
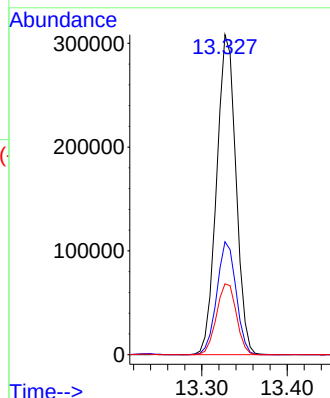
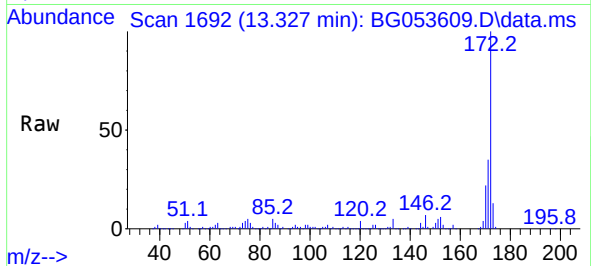
#45
2-Fluorobiphenyl
Concen: 90.687 ng
RT: 13.327 min Scan# 1728
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:172 Resp: 48462
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.2 18.9 28.3

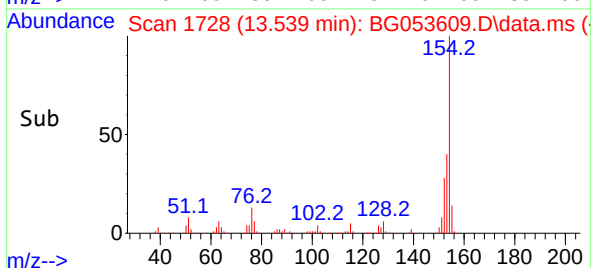
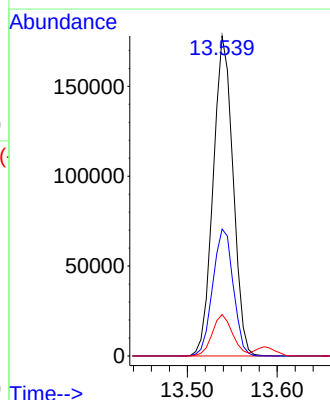
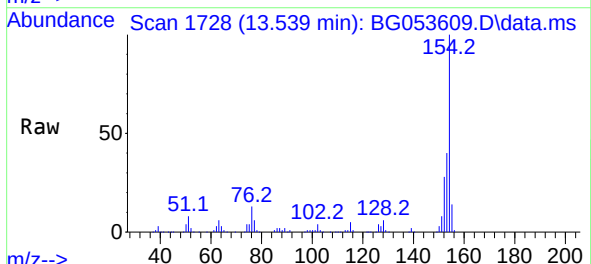
Manual Integrations
APPROVED

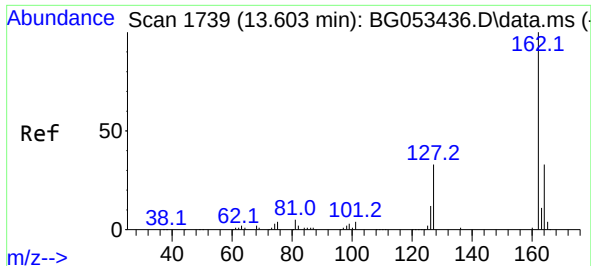
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#46
1,1'-Biphenyl
Concen: 51.413 ng
RT: 13.539 min Scan# 1728
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:154 Resp: 273665
Ion Ratio Lower Upper
154 100
153 39.7 21.6 61.6
76 12.9 0.0 32.6





#47
2-Chloronaphthalene
Concen: 51.883 ng
RT: 13.586 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

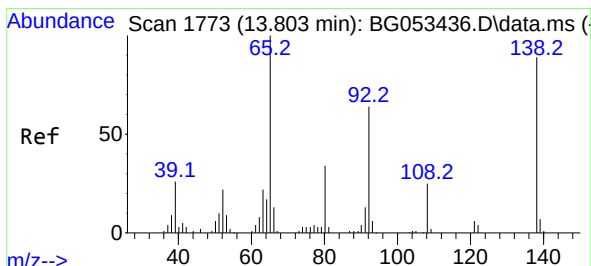
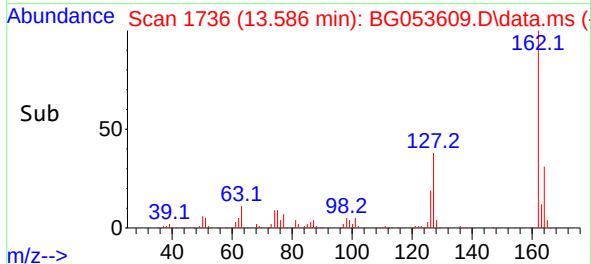
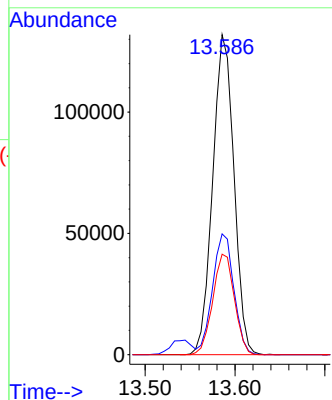
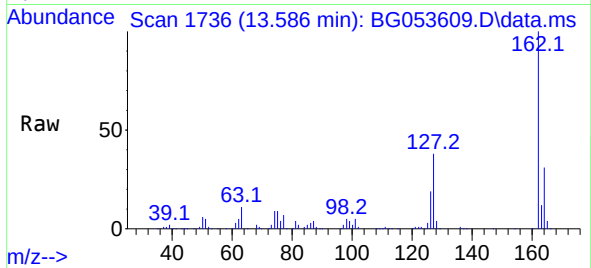
TP-38MSD

Tgt Ion:162 Resp: 21637
Ion Ratio Lower Upper
162 100
127 37.7 30.6 45.8
164 31.4 26.5 39.7

Manual Integrations

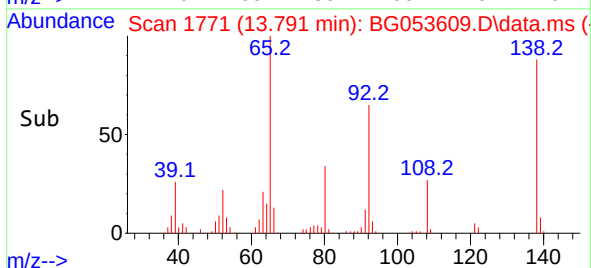
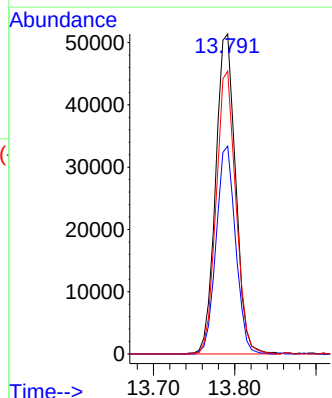
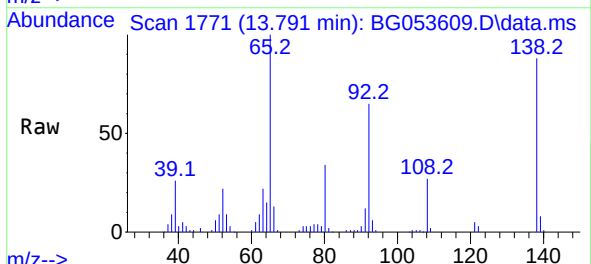
APPROVED

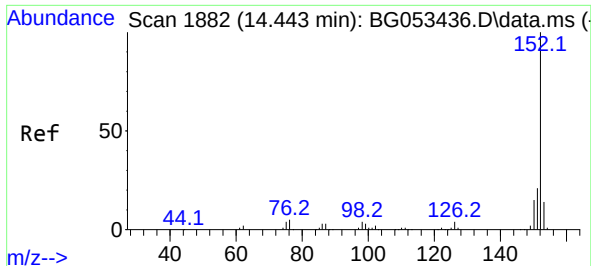
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#48
2-Nitroaniline
Concen: 56.643 ng
RT: 13.791 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

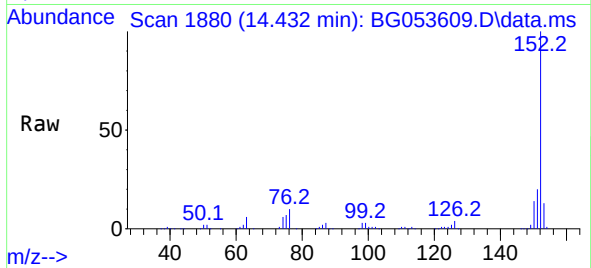
Tgt Ion: 65 Resp: 88021
Ion Ratio Lower Upper
65 100
92 64.9 51.5 77.3
138 88.4 71.3 106.9





#49
Acenaphthylene
Concen: 55.486 ng
RT: 14.432 min Scan# 1882
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

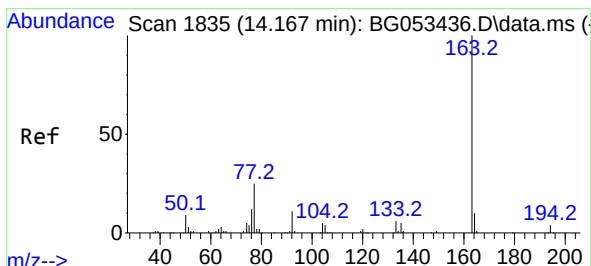
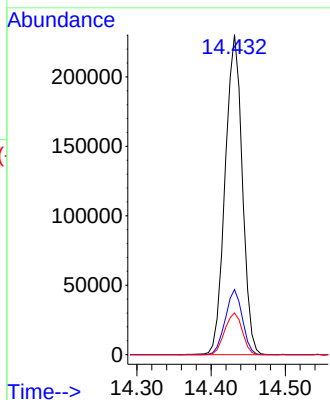
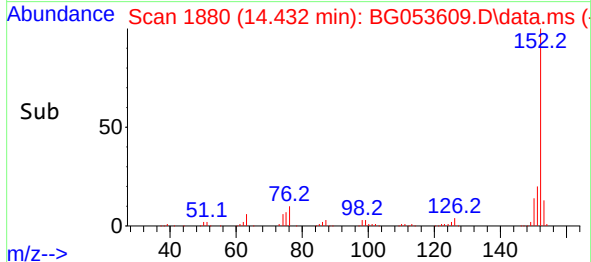
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



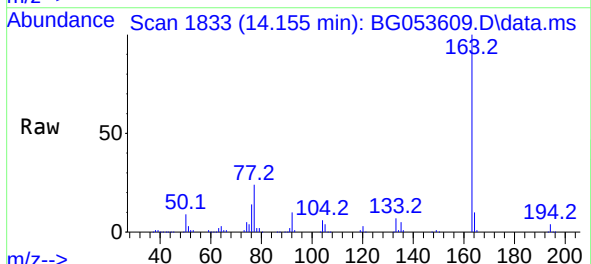
Tgt Ion:152 Resp: 369240
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.0 10.8 16.2

Manual Integrations
APPROVED

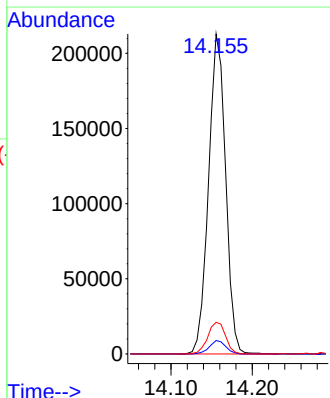
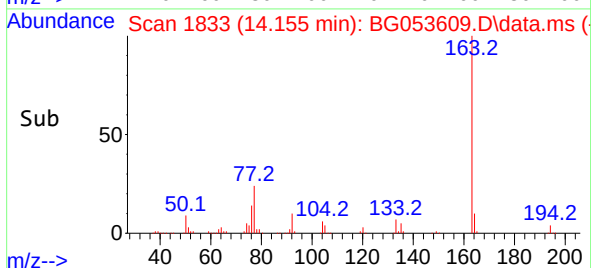
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

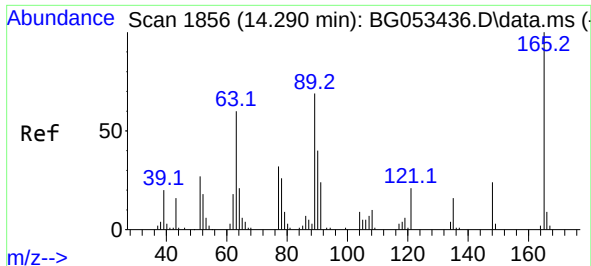


#50
Dimethylphthalate
Concen: 52.223 ng
RT: 14.155 min Scan# 1833
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:163 Resp: 309896
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 55.925 ng
RT: 14.279 min Scan# 1854
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

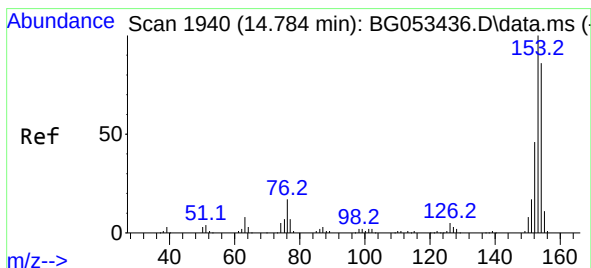
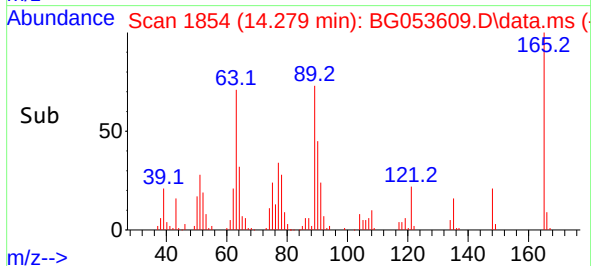
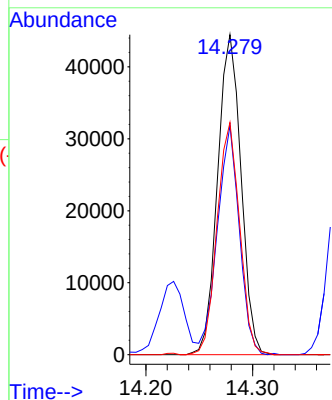
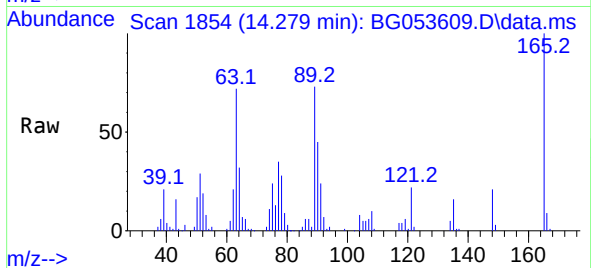
TP-38MSD

Tgt Ion:165 Resp: 6761
Ion Ratio Lower Upper
165 100
63 71.6 54.1 81.1
89 72.5 54.8 82.2

Manual Integrations

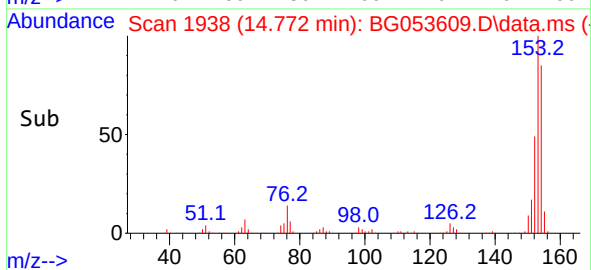
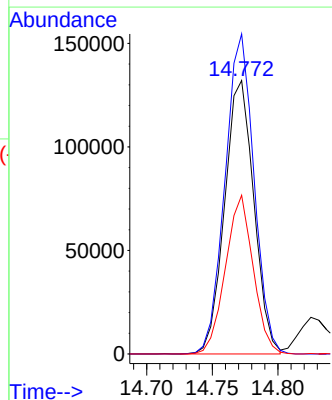
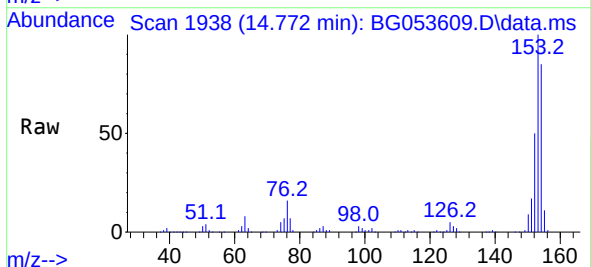
APPROVED

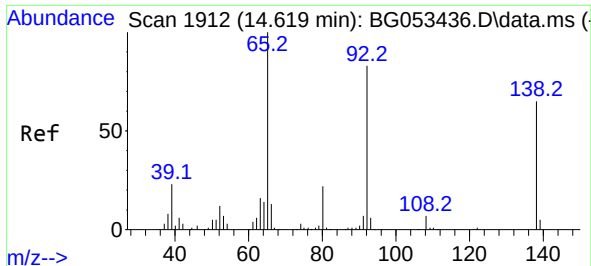
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#52
Acenaphthene
Concen: 51.764 ng
RT: 14.772 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

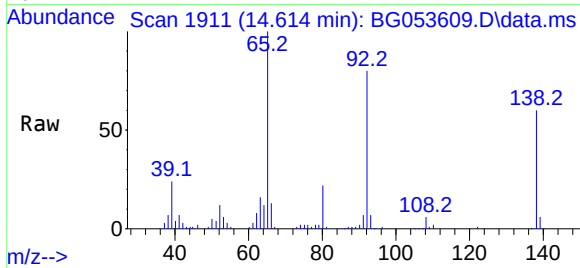
Tgt Ion:154 Resp: 205293
Ion Ratio Lower Upper
154 100
153 117.0 92.7 139.1
152 58.0 42.6 64.0





#53
3-Nitroaniline
Concen: 38.019 ng
RT: 14.614 min Scan# 1912
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

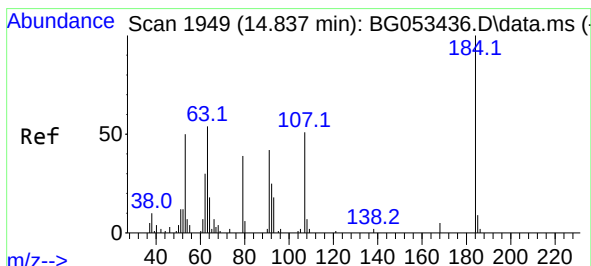
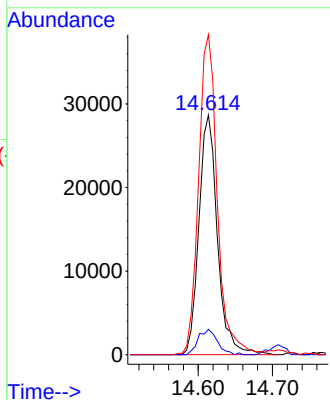
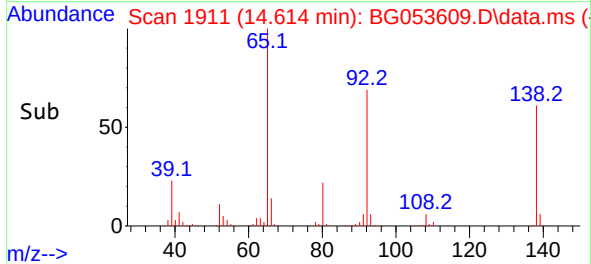
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



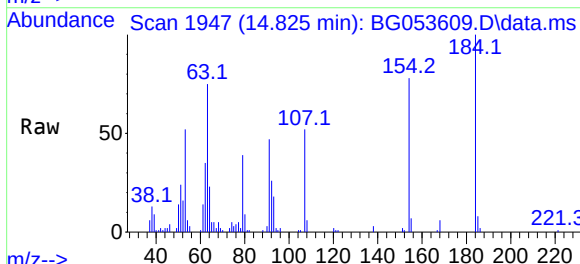
Tgt Ion:138 Resp: 4966
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 133.5 101.9 152.9

Manual Integrations
APPROVED

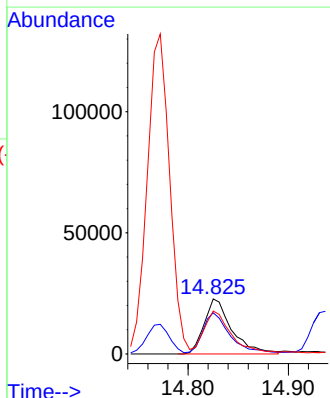
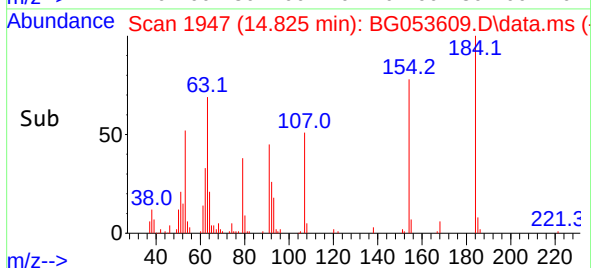
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

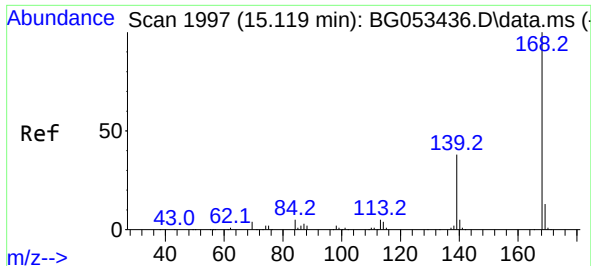


#54
2,4-Dinitrophenol
Concen: 58.475 ng
RT: 14.825 min Scan# 1947
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



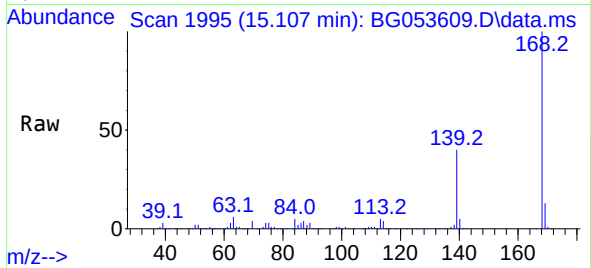
Tgt Ion:184 Resp: 43476
Ion Ratio Lower Upper
184 100
63 74.8 61.1 91.7
154 77.9 60.6 91.0





#55
Dibenzenofuran
Concen: 50.900 ng
RT: 15.107 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

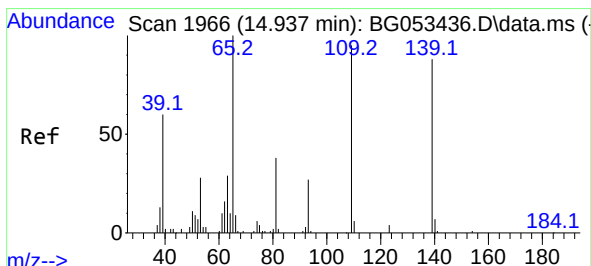
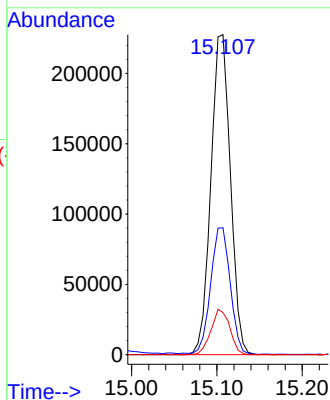
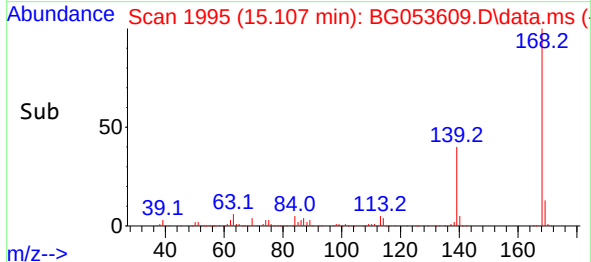
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



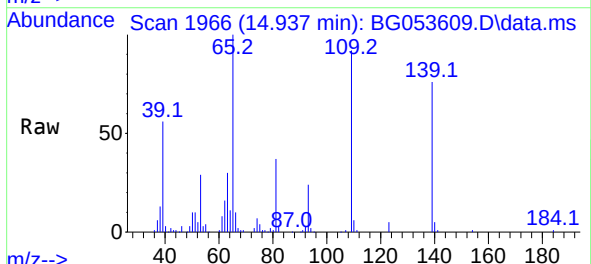
Tgt Ion:168 Resp: 36259
Ion Ratio Lower Upper
168 100
139 39.7 30.5 45.7
169 13.2 10.3 15.5

Manual Integrations
APPROVED

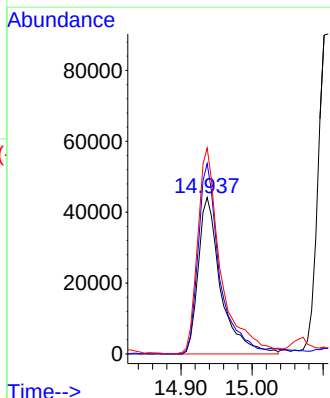
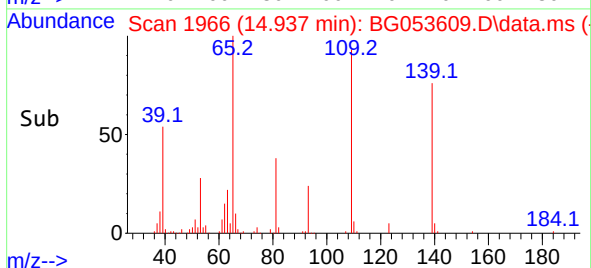
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

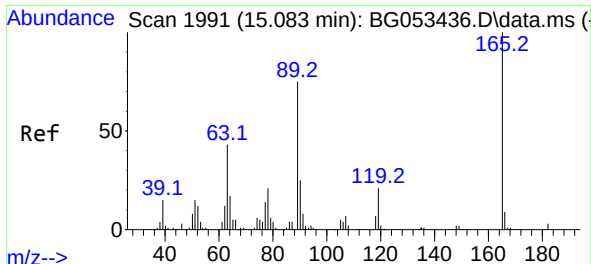


#56
4-Nitrophenol
Concen: 104.349 ng
RT: 14.937 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:139 Resp: 97358
Ion Ratio Lower Upper
139 100
109 121.7 88.5 128.5
65 131.7 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 56.067 ng
RT: 15.072 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

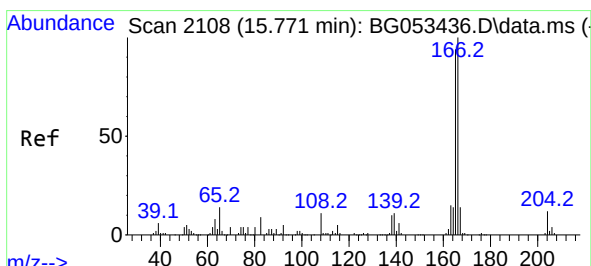
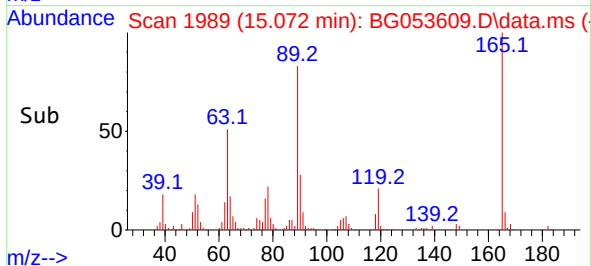
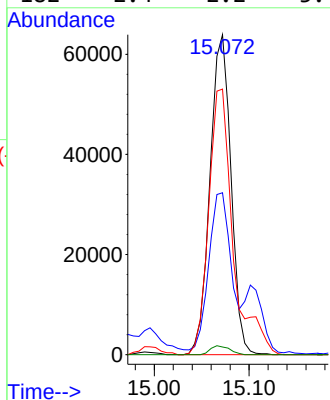
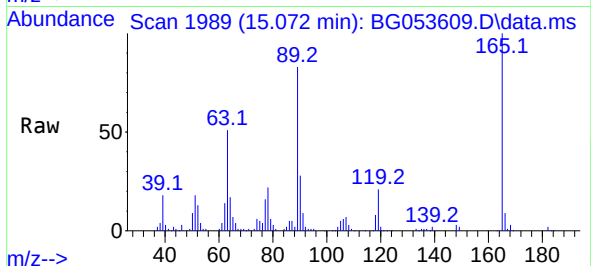
TP-38MSD

Tgt Ion:165 Resp: 9825
Ion Ratio Lower Upper
165 100
63 50.6 34.6 52.0
89 83.0 60.3 90.5
182 2.4 2.2 3.4

Manual Integrations

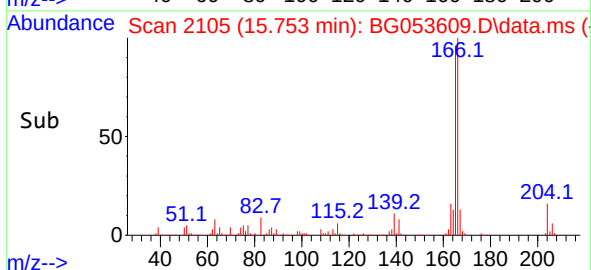
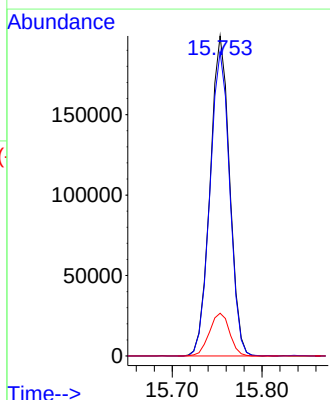
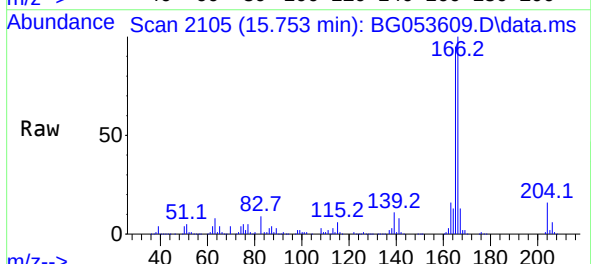
APPROVED

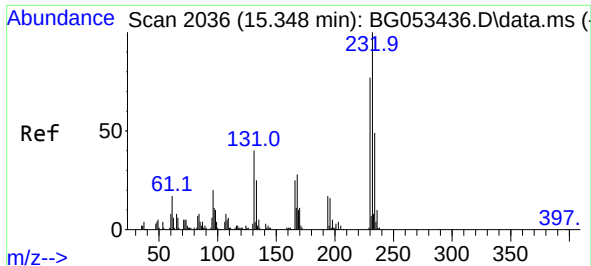
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#58
Fluorene
Concen: 52.455 ng
RT: 15.753 min Scan# 2105
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:166 Resp: 299860
Ion Ratio Lower Upper
166 100
165 95.1 75.0 112.6
167 13.4 10.8 16.2





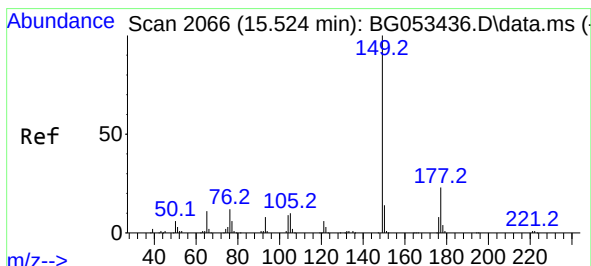
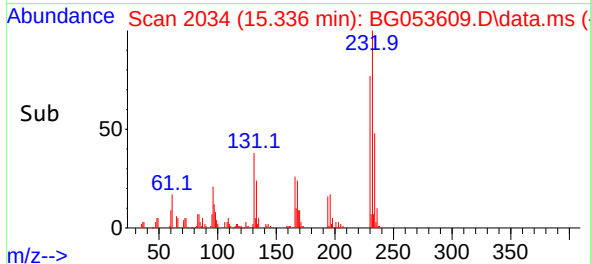
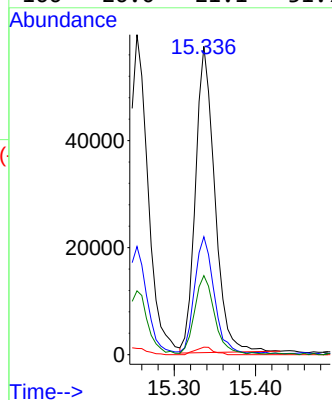
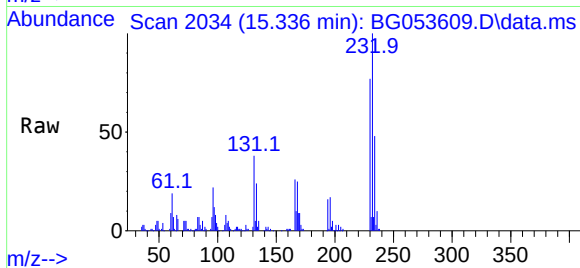
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.426 ng
RT: 15.336 min Scan# 2034
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:232 Resp: 94431
Ion Ratio Lower Upper
232 100
131 38.1 30.6 46.0
130 2.4 1.8 2.8
166 26.0 21.1 31.7

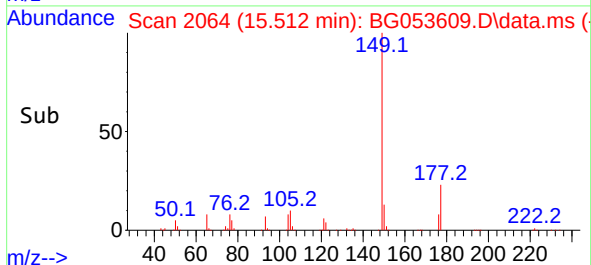
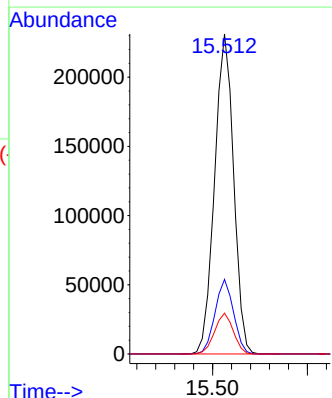
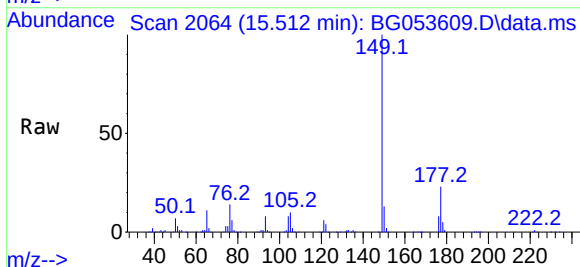
Manual Integrations
APPROVED

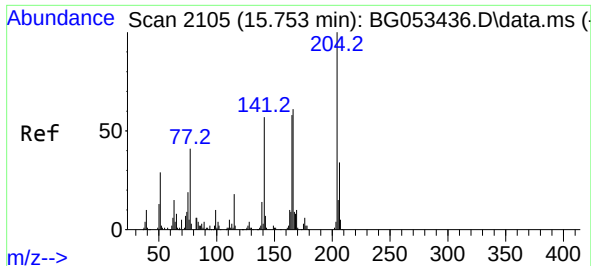
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#60
Diethylphthalate
Concen: 52.633 ng
RT: 15.512 min Scan# 2064
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:149 Resp: 322628
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.7 11.2 16.8





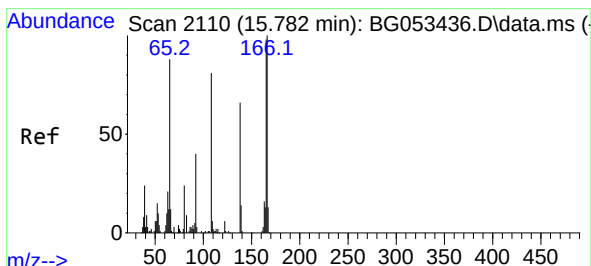
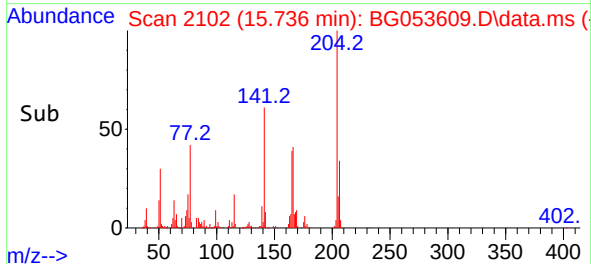
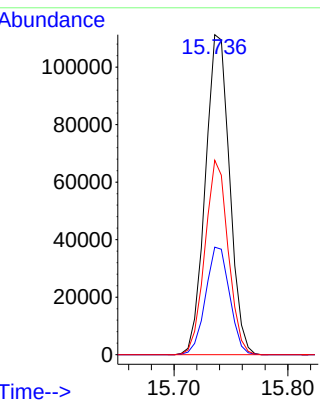
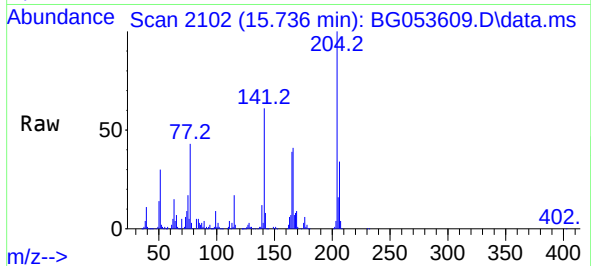
#61
4-Chlorophenyl-phenylether
Concen: 51.593 ng
RT: 15.736 min Scan# 2105
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:204 Resp: 16457
Ion Ratio Lower Upper
204 100
206 33.6 27.5 41.3
141 60.7 45.3 67.9

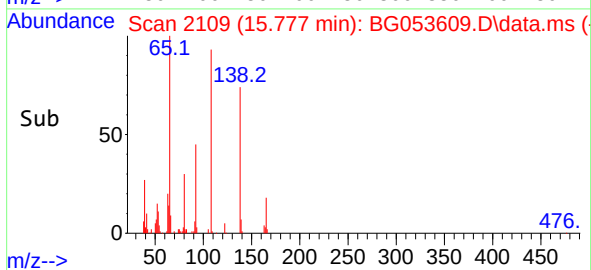
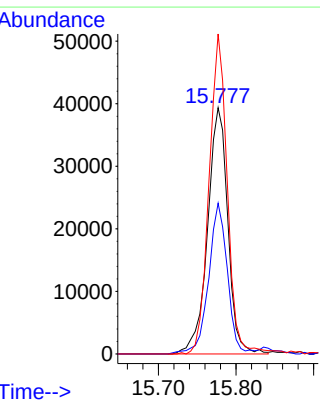
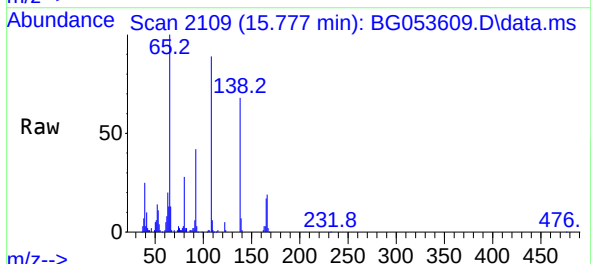
Manual Integrations
APPROVED

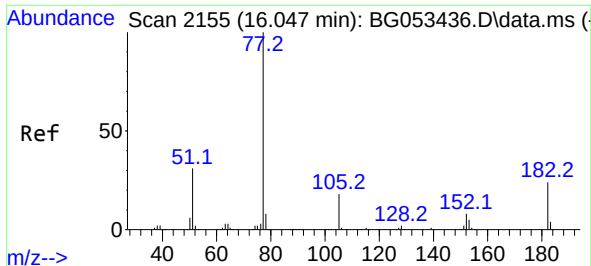
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#62
4-Nitroaniline
Concen: 52.775 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:138 Resp: 71504
Ion Ratio Lower Upper
138 100
92 61.2 40.5 80.5
108 130.0 103.7 143.7





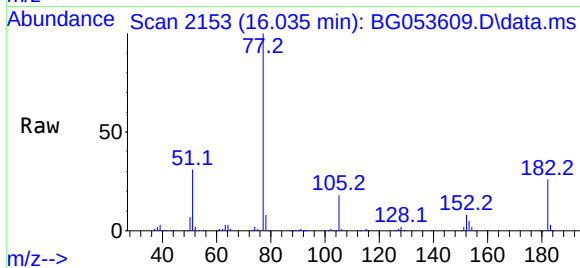
#63
Azobenzene
Concen: 51.625 ng
RT: 16.035 min Scan# 2153
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

TP-38MSD

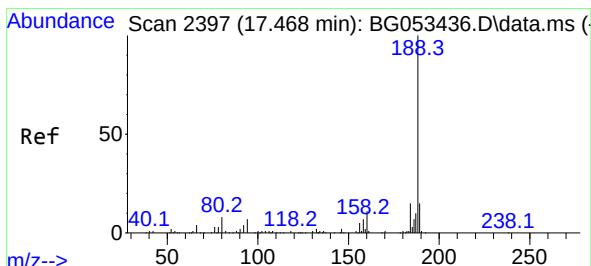
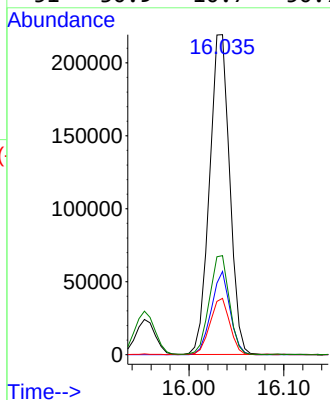
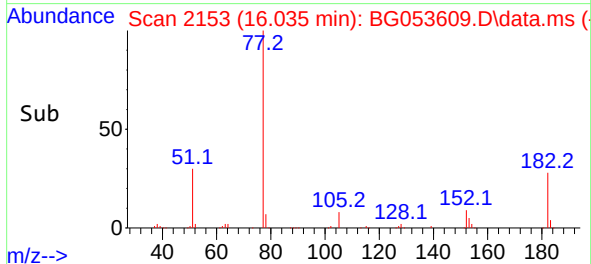


Tgt Ion: 77 Resp: 324040
Ion Ratio Lower Upper
77 100
182 26.0 3.8 43.8
105 17.6 0.0 37.8
51 30.9 10.7 50.7

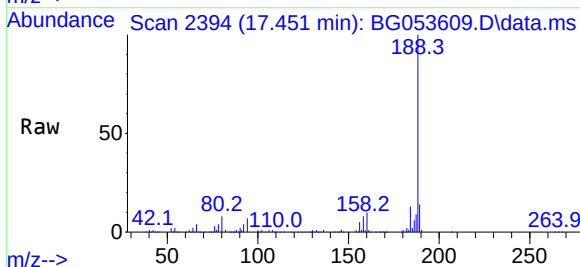
Manual Integrations

APPROVED

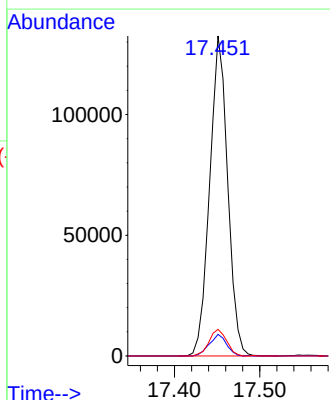
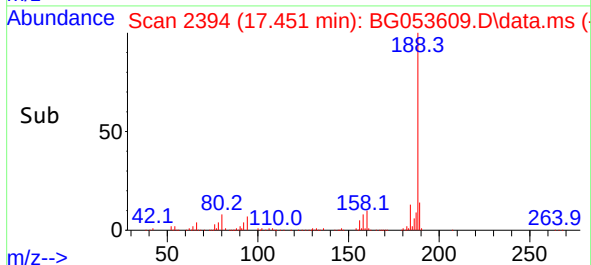
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

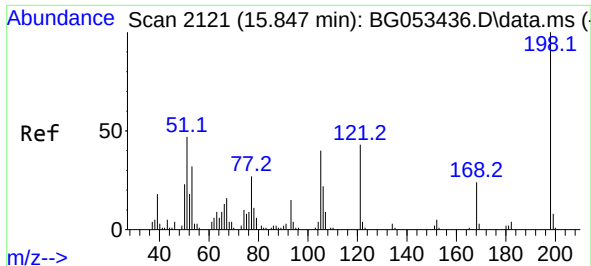


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2394
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:188 Resp: 194463
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.3 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 40.798 ng
RT: 15.841 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

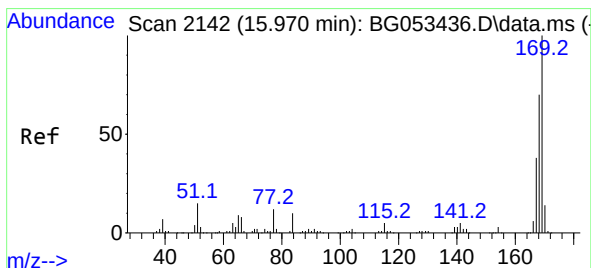
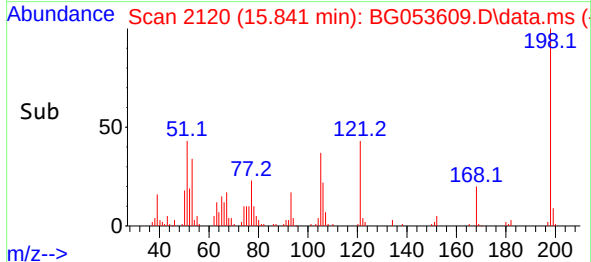
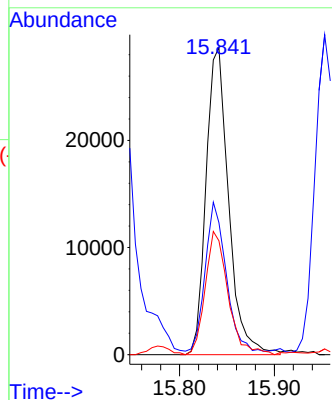
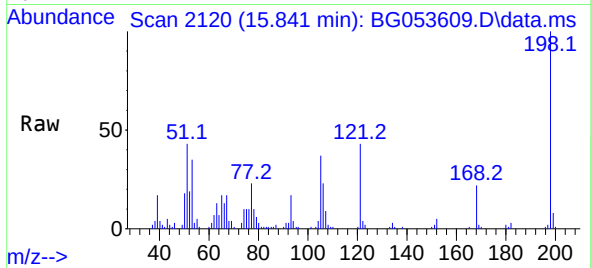
TP-38MSD

Tgt Ion:198 Resp: 47275
Ion Ratio Lower Upper
198 100
51 43.0 28.1 68.1
105 37.1 20.3 60.3

Manual Integrations

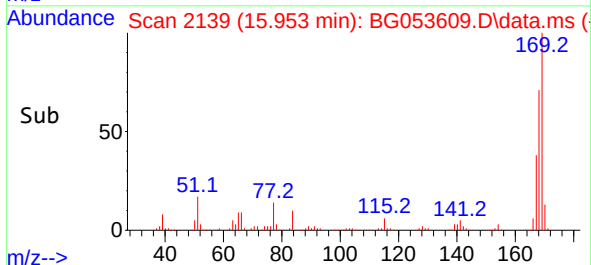
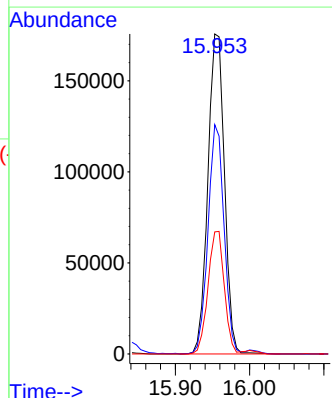
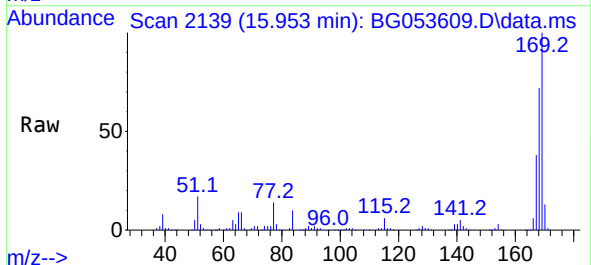
APPROVED

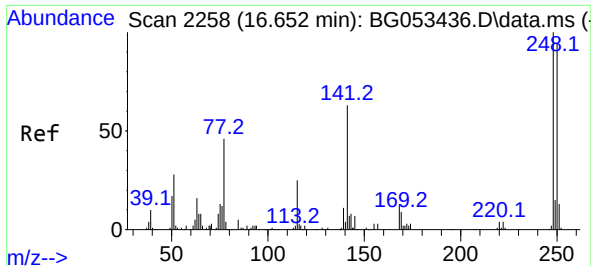
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#66
n-Nitrosodiphenylamine
Concen: 53.407 ng
RT: 15.953 min Scan# 2139
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:169 Resp: 272681
Ion Ratio Lower Upper
169 100
168 71.6 55.9 83.9
167 38.1 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 51.973 ng
RT: 16.634 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

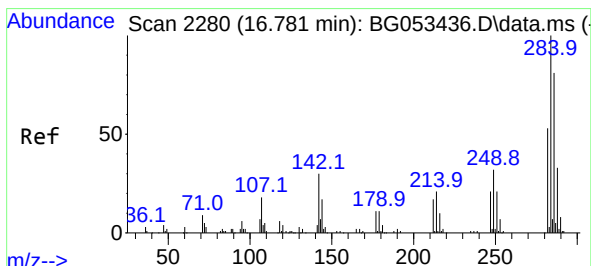
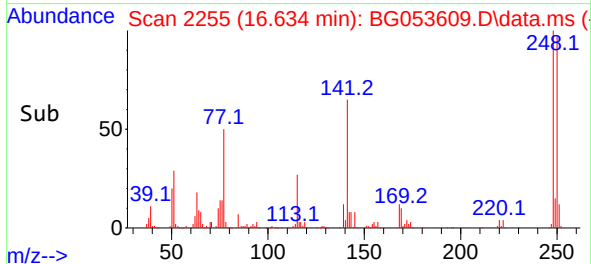
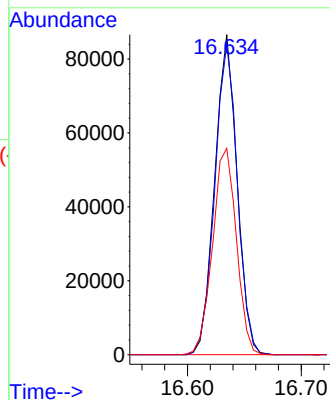
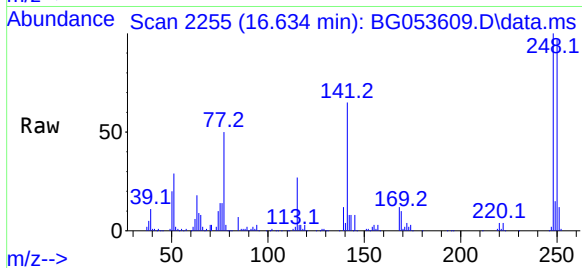
TP-38MSD

Tgt Ion:248 Resp: 118036
Ion Ratio Lower Upper
248 100
250 97.0 75.2 112.8
141 64.5 50.0 75.0

Manual Integrations

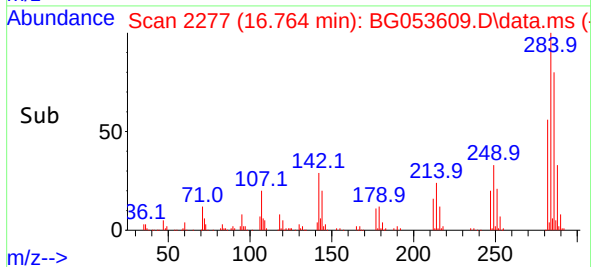
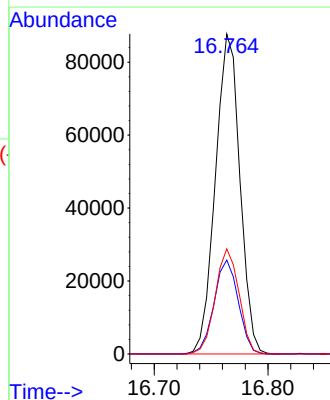
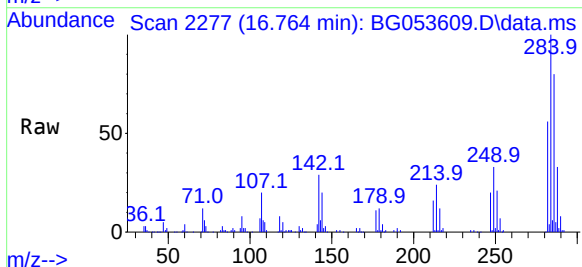
APPROVED

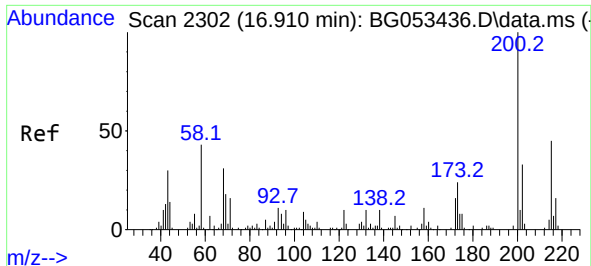
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#68
Hexachlorobenzene
Concen: 52.734 ng
RT: 16.764 min Scan# 2277
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

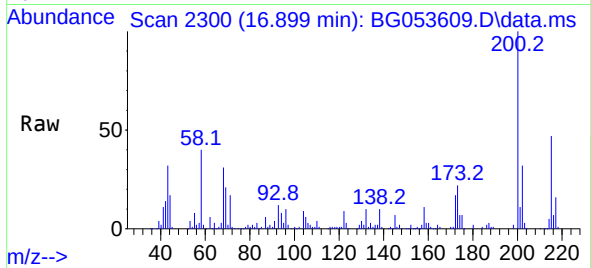
Tgt Ion:284 Resp: 131165
Ion Ratio Lower Upper
284 100
142 29.3 23.6 35.4
249 32.8 25.8 38.6





#69
Atrazine
Concen: 53.327 ng
RT: 16.899 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

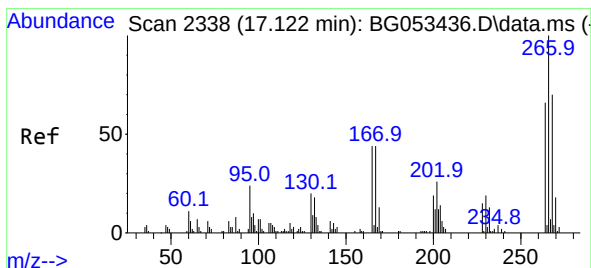
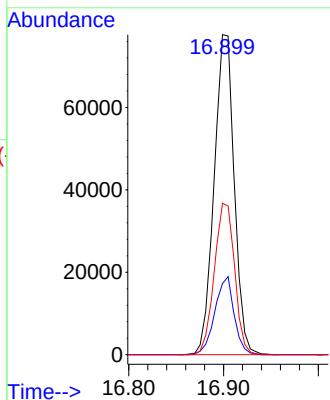
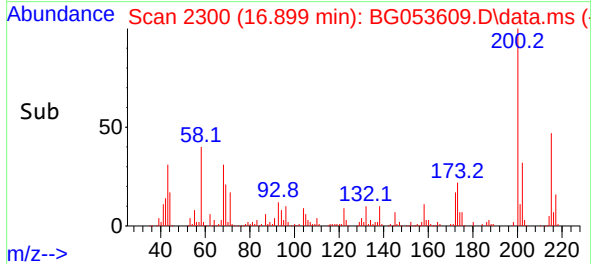
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



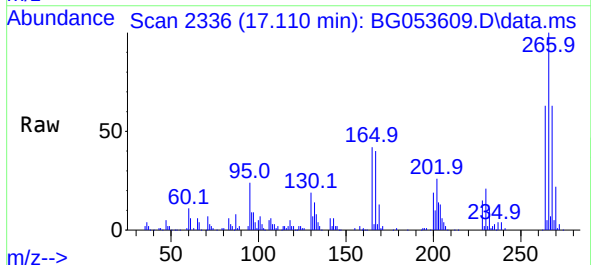
Tgt Ion:200 Resp: 11462
Ion Ratio Lower Upper
200 100
173 22.2 3.7 43.7
215 47.3 25.2 65.2

Manual Integrations
APPROVED

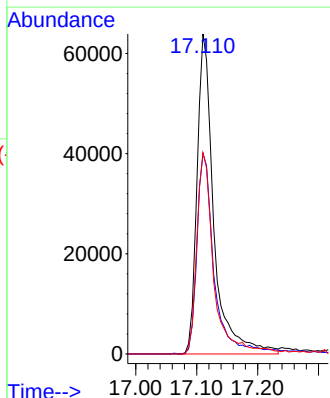
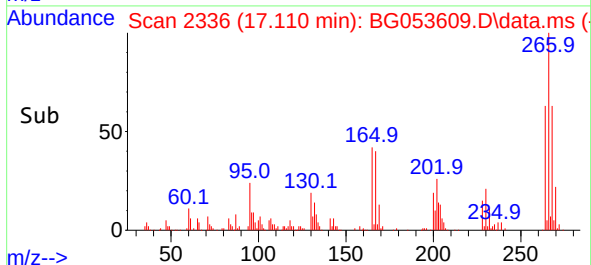
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

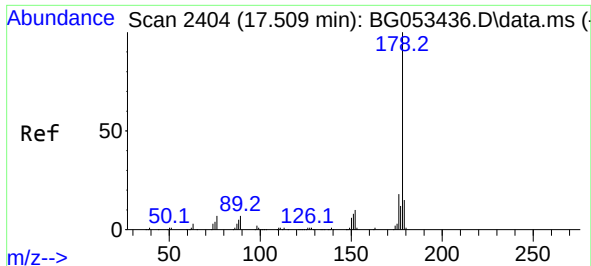


#70
Pentachlorophenol
Concen: 90.831 ng
RT: 17.110 min Scan# 2336
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:266 Resp: 122562
Ion Ratio Lower Upper
266 100
268 62.6 56.2 84.2
264 62.9 53.0 79.4





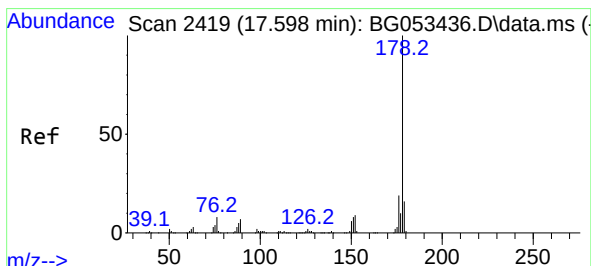
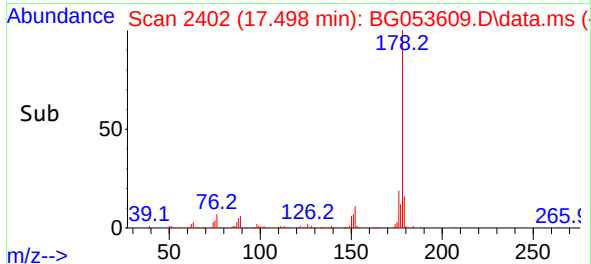
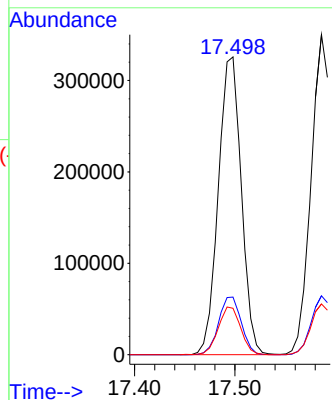
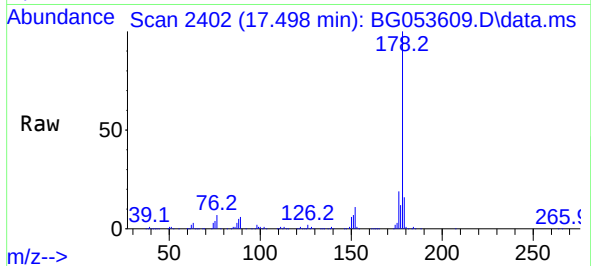
#71
Phenanthrene
Concen: 52.378 ng
RT: 17.498 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:178 Resp: 51792
Ion Ratio Lower Upper
178 100
176 19.3 14.1 21.1
179 15.6 12.1 18.1

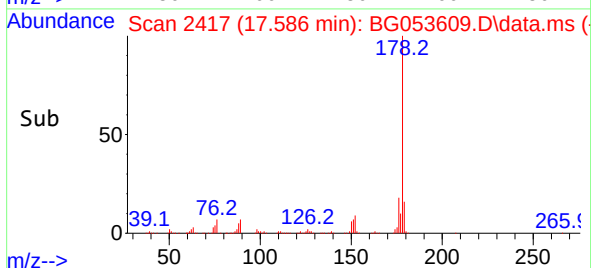
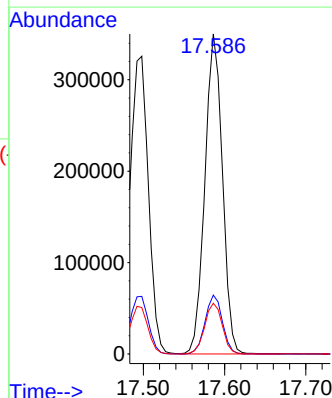
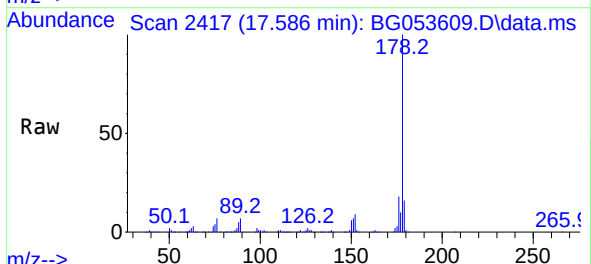
Manual Integrations
APPROVED

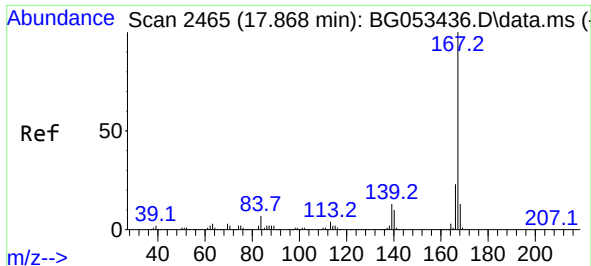
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#72
Anthracene
Concen: 54.036 ng
RT: 17.586 min Scan# 2417
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

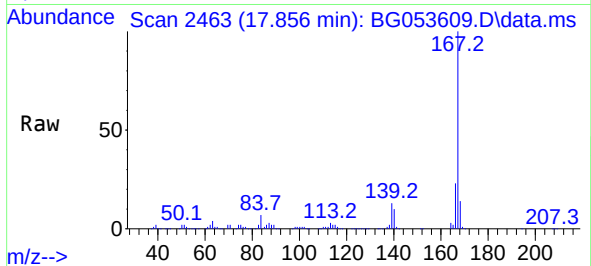
Tgt Ion:178 Resp: 525186
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.9 13.0 19.4





#73
 Carbazole
 Concen: 51.060 ng
 RT: 17.856 min Scan# 2463
 Delta R.T. -0.002 min
 Lab File: BG053609.D
 Acq: 18 May 2022 18:46

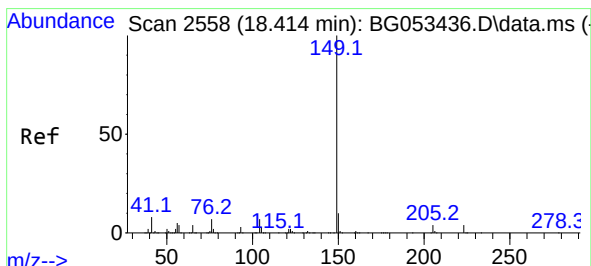
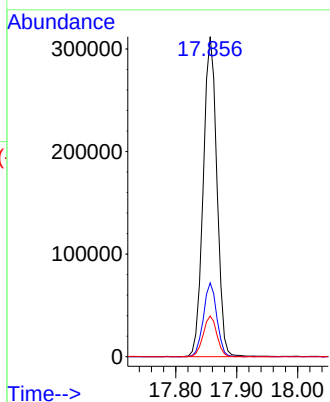
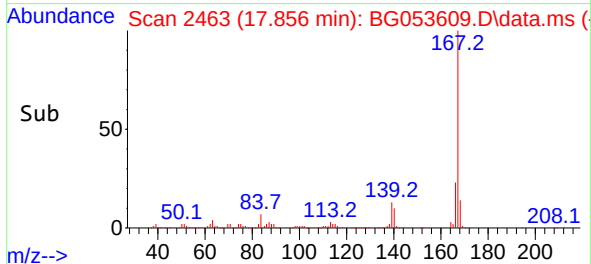
Instrument :
 BNA_G
 ClientSampleId :
 TP-38MSD



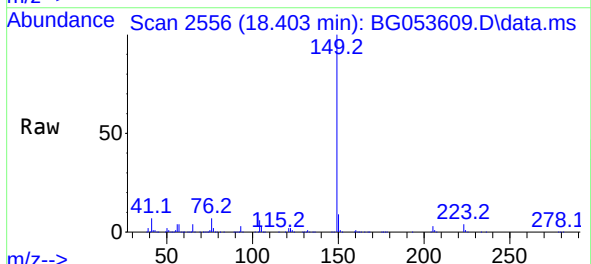
Tgt Ion:167 Resp: 48636
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 12.7 10.1 15.1

Manual Integrations
 APPROVED

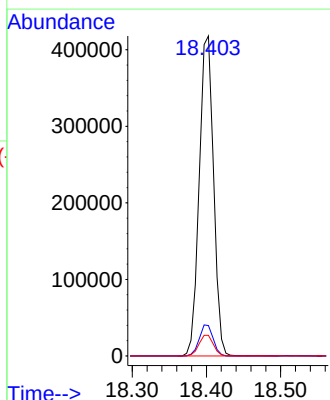
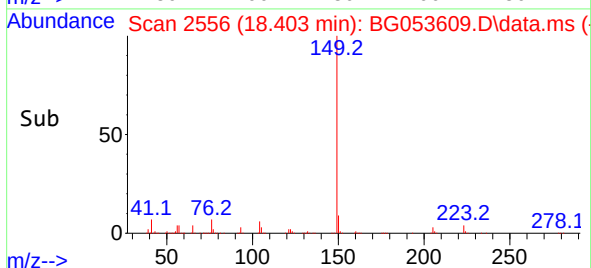
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022

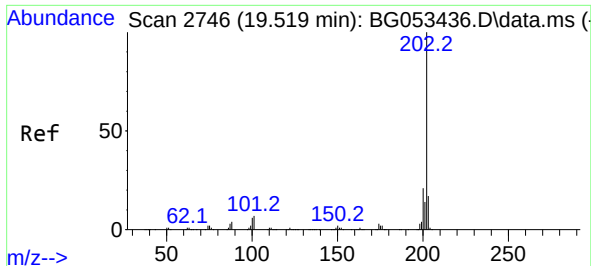


#74
 Di-n-butylphthalate
 Concen: 52.361 ng
 RT: 18.403 min Scan# 2556
 Delta R.T. -0.002 min
 Lab File: BG053609.D
 Acq: 18 May 2022 18:46



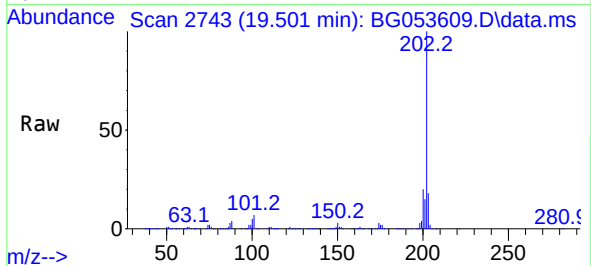
Tgt Ion:149 Resp: 560936
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.5 5.4 8.0





#75
Fluoranthene
Concen: 51.913 ng
RT: 19.501 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

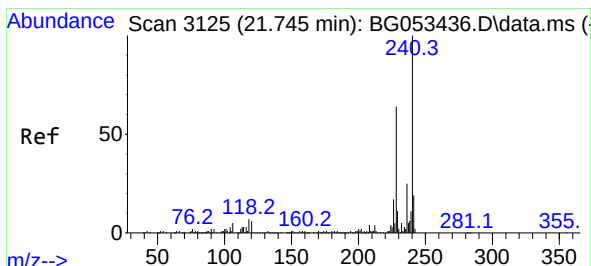
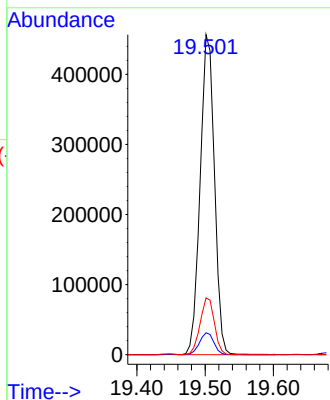
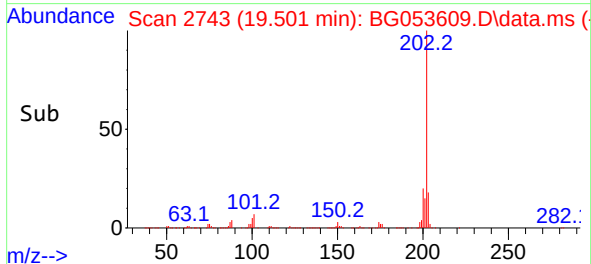
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



Tgt Ion:202 Resp: 66465
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.9
203 17.7 0.0 37.2

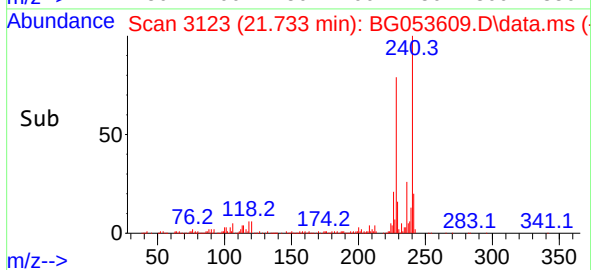
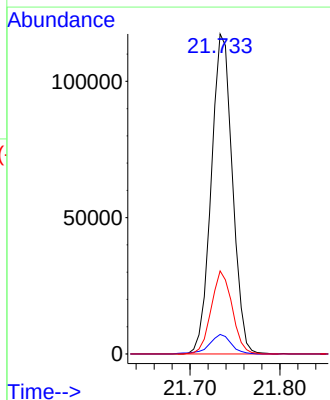
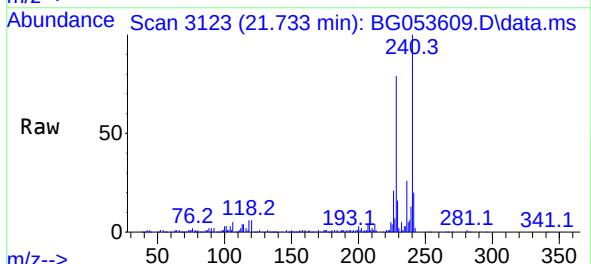
Manual Integrations
APPROVED

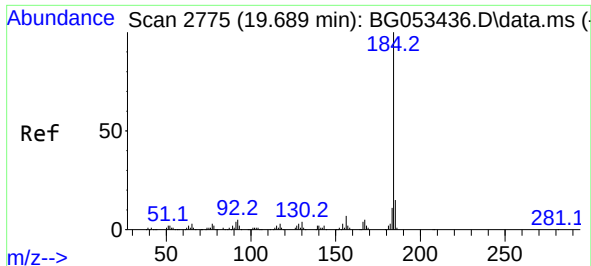
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:240 Resp: 191982
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 26.0 20.2 30.4





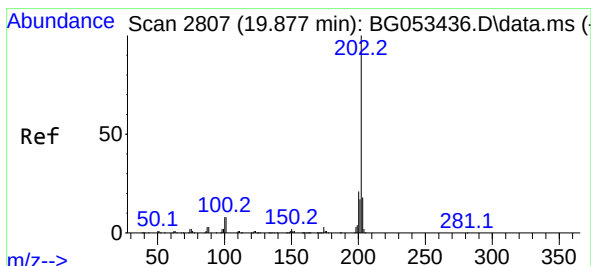
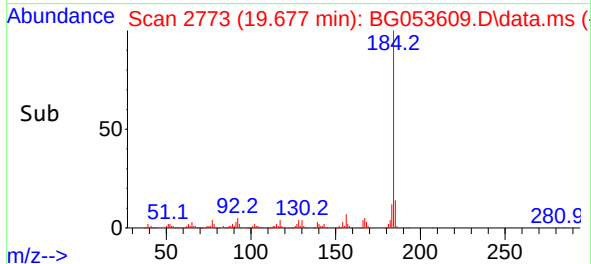
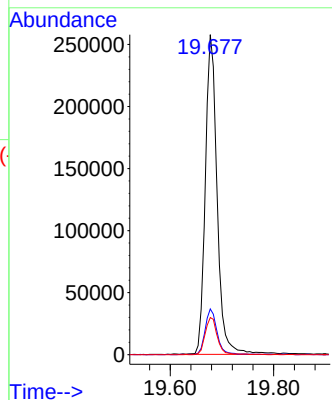
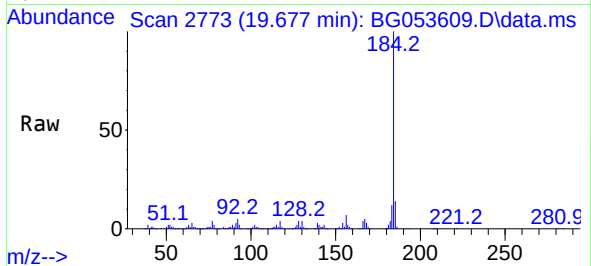
#77
Benzidine
Concen: 98.428 ng
RT: 19.677 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:184 Resp: 407289
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.6 8.9 13.3

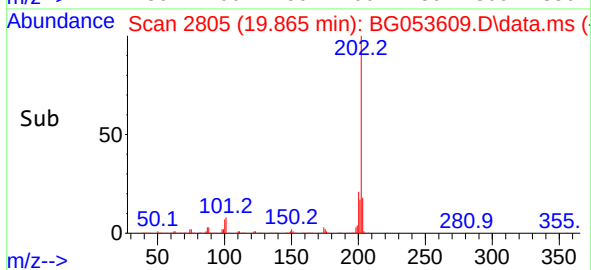
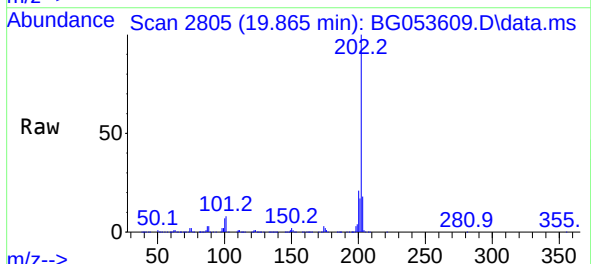
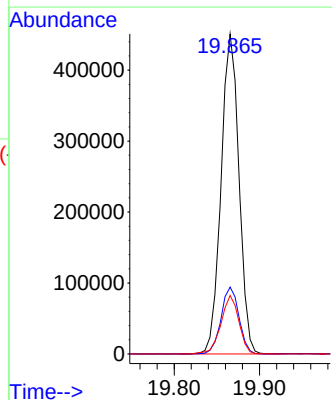
Manual Integrations
APPROVED

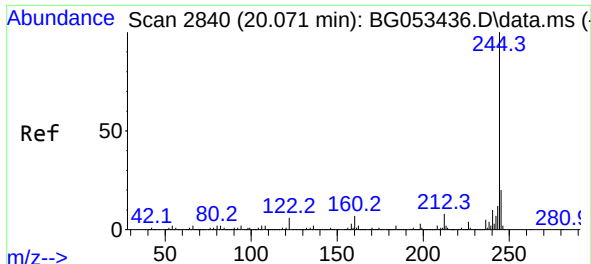
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#78
Pyrene
Concen: 52.919 ng
RT: 19.865 min Scan# 2805
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:202 Resp: 657671
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 18.2 14.6 21.8





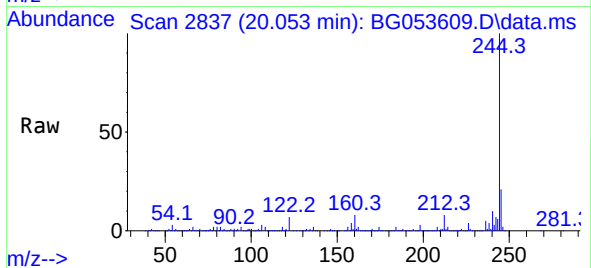
#79
 Terphenyl-d14
 Concen: 96.904 ng
 RT: 20.053 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053609.D
 Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

TP-38MSD

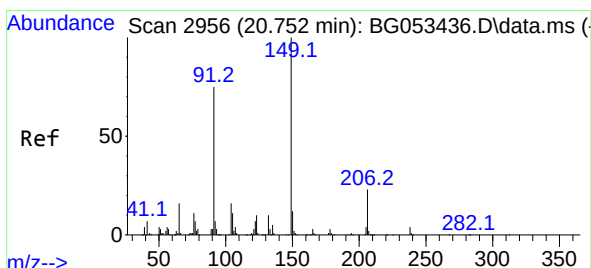
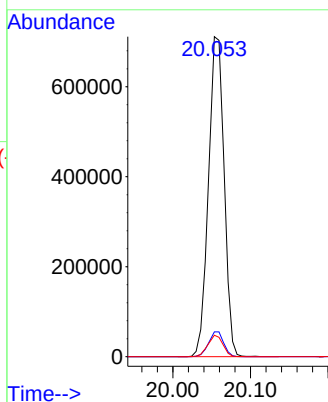
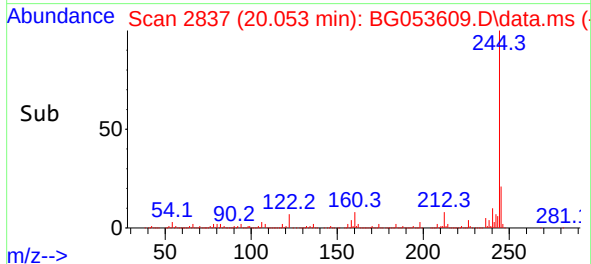


Tgt Ion:244 Resp: 99888
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.7 5.0 7.4

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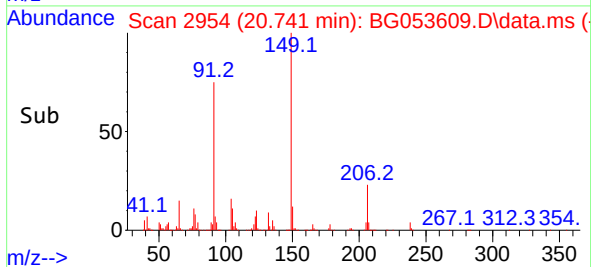
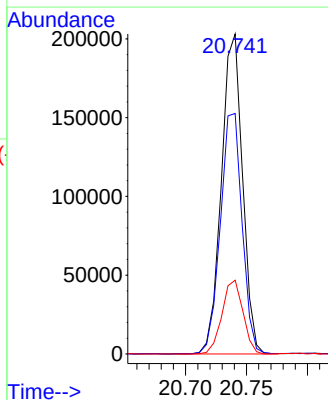
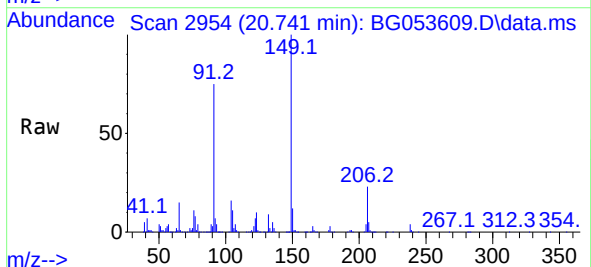
APPROVED

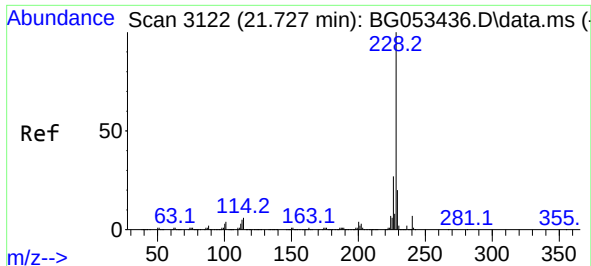
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022



#80
 Butylbenzylphthalate
 Concen: 53.819 ng
 RT: 20.741 min Scan# 2954
 Delta R.T. -0.002 min
 Lab File: BG053609.D
 Acq: 18 May 2022 18:46

Tgt Ion:149 Resp: 245267
 Ion Ratio Lower Upper
 149 100
 91 75.1 59.6 89.4
 206 23.1 18.6 28.0





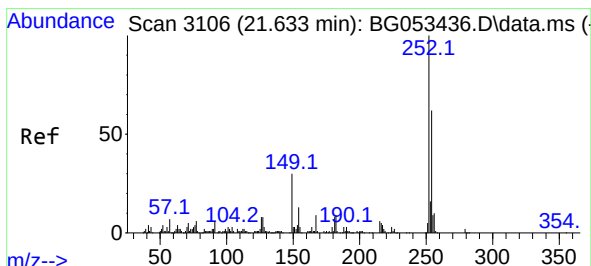
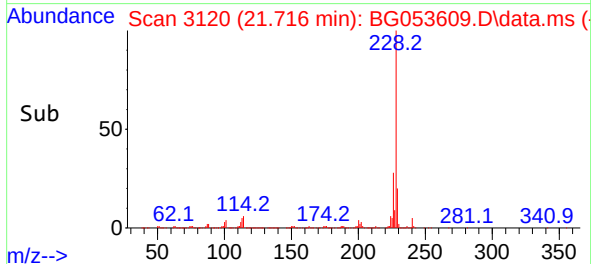
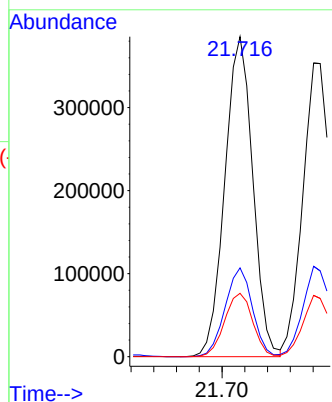
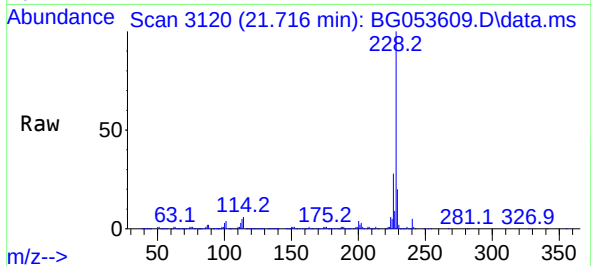
#81
Benzo(a)anthracene
Concen: 53.691 ng
RT: 21.716 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:228 Resp: 657440
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 19.8 16.2 24.2

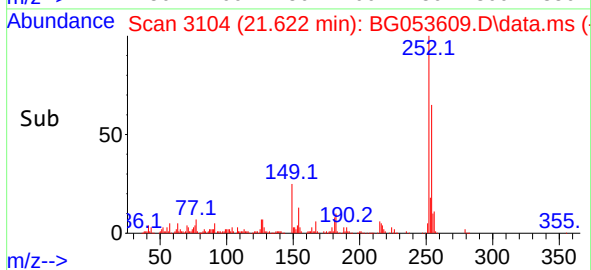
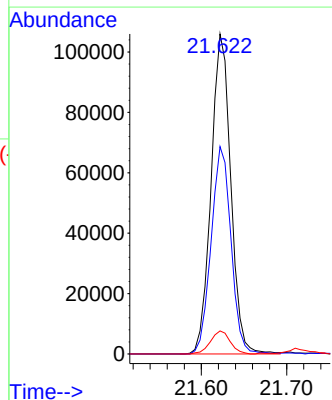
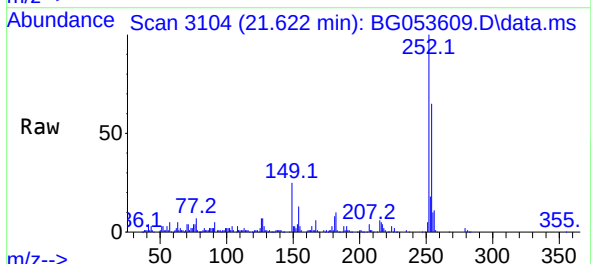
Manual Integrations
APPROVED

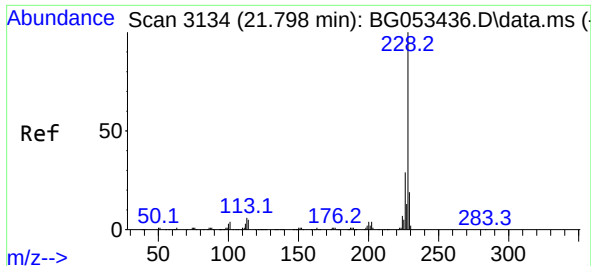
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 54.706 ng
RT: 21.622 min Scan# 3104
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

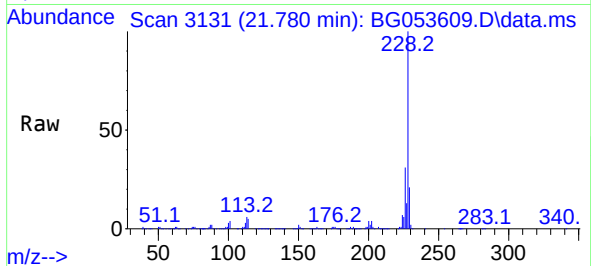
Tgt Ion:252 Resp: 169872
Ion Ratio Lower Upper
252 100
254 64.8 49.8 74.8
126 7.2 6.0 9.0





#83
Chrysene
Concen: 52.157 ng
RT: 21.780 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

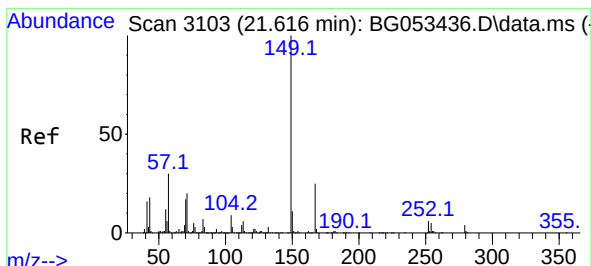
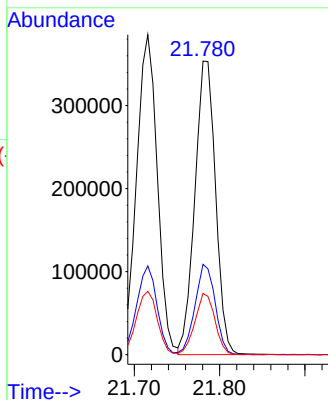
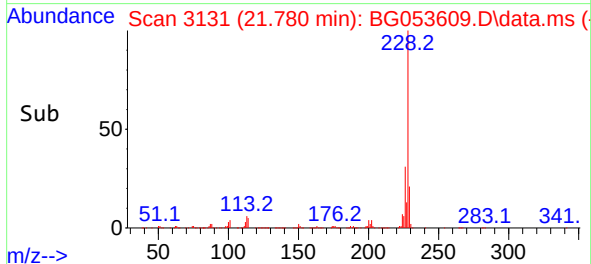
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



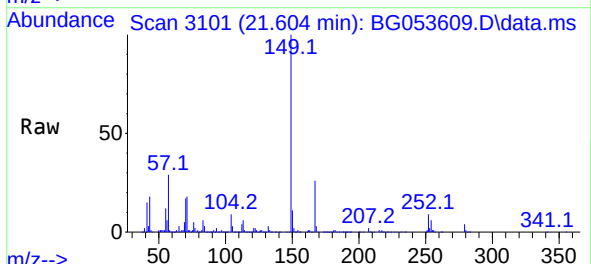
Tgt Ion:228 Resp: 59648
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.2
229 20.9 15.5 23.3

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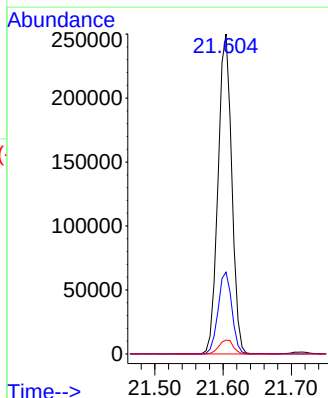
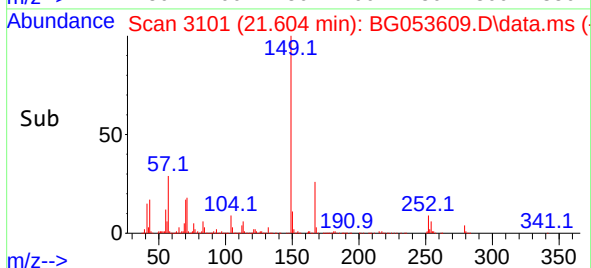
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

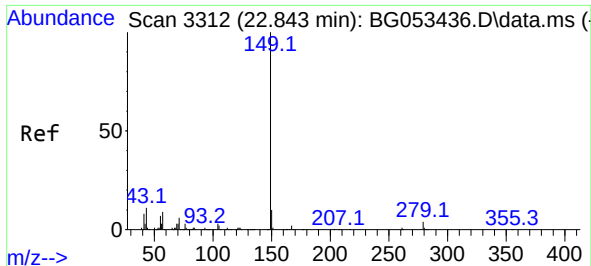


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.492 ng
RT: 21.604 min Scan# 3101
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



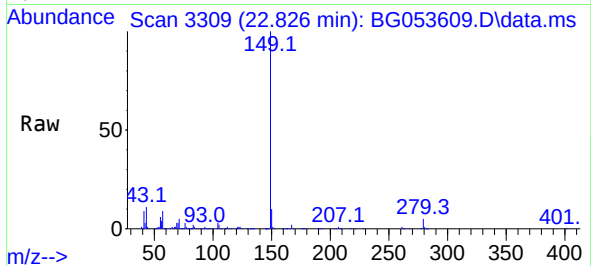
Tgt Ion:149 Resp: 349047
Ion Ratio Lower Upper
149 100
167 25.6 20.2 30.4
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 55.439 ng
RT: 22.826 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

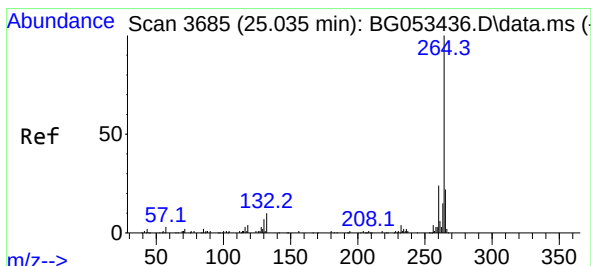
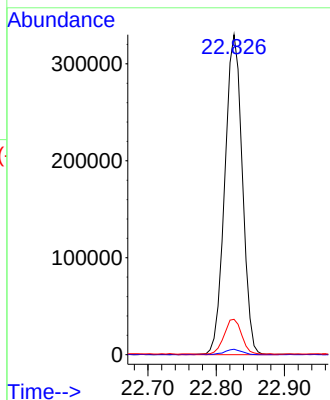
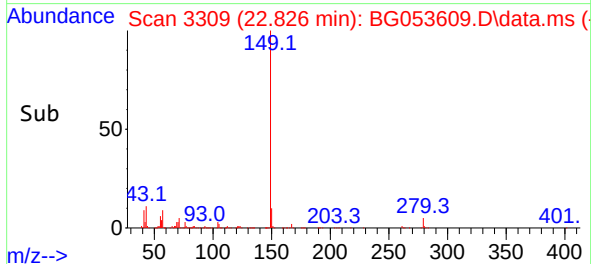
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



Tgt Ion:149 Resp: 58967
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 9.0 13.4

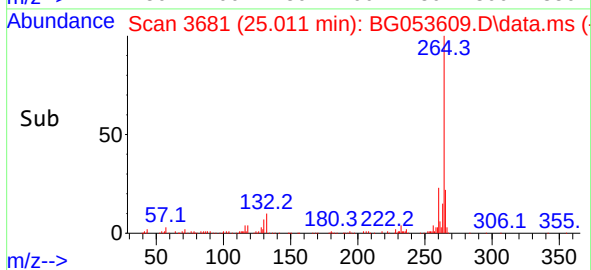
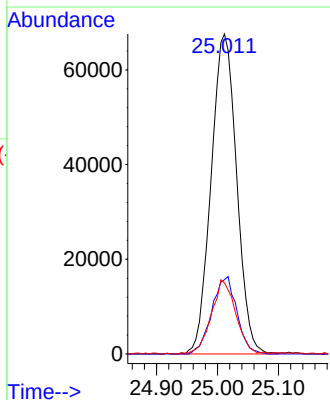
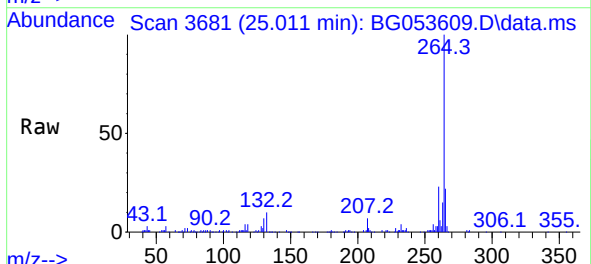
Manual Integrations
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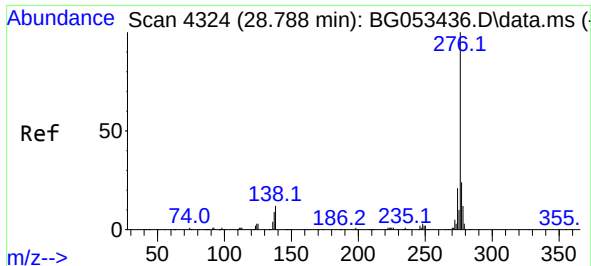
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.011 min Scan# 3681
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:264 Resp: 196727
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 22.2 17.4 26.2





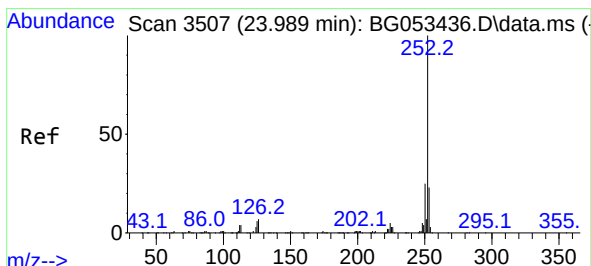
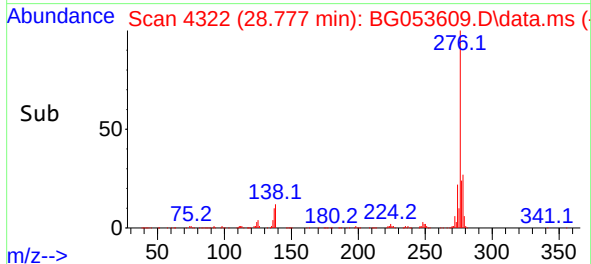
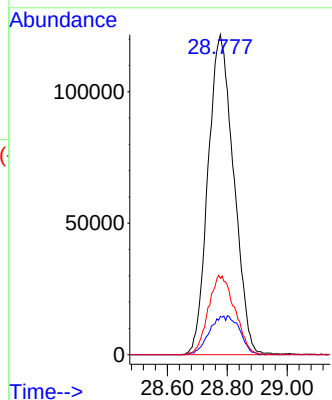
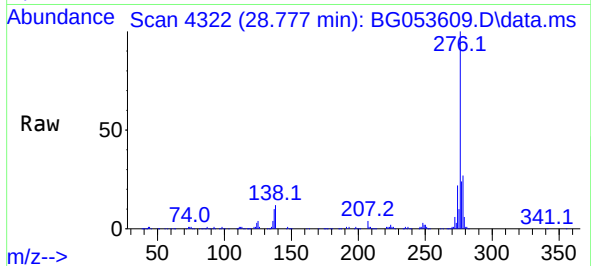
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.813 ng
RT: 28.777 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Instrument :
BNA_G
ClientSampleId :
TP-38MSD

Tgt Ion:276 Resp: 72361
Ion Ratio Lower Upper
276 100
138 7.9 5.0 7.4
277 25.6 20.3 30.5

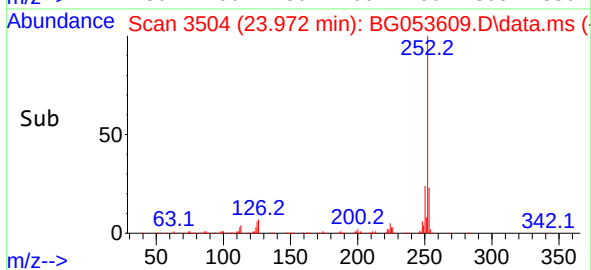
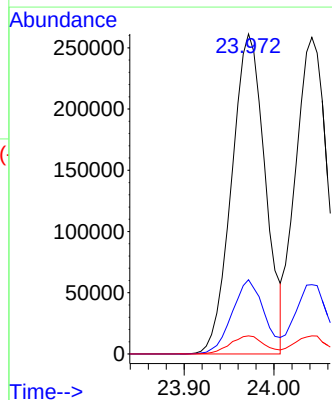
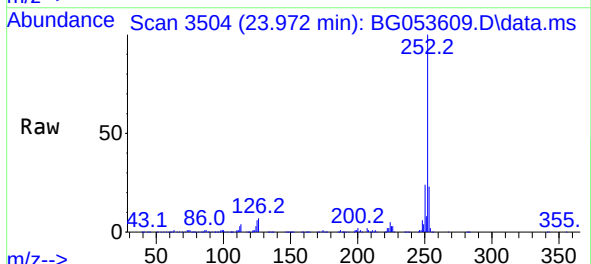
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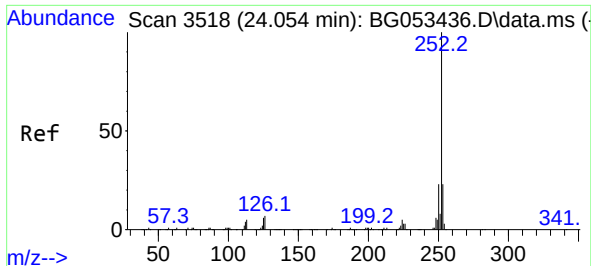
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#88
Benzo(b)fluoranthene
Concen: 58.232 ng
RT: 23.972 min Scan# 3504
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

Tgt Ion:252 Resp: 678093
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 5.7 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 55.579 ng

RT: 24.042 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG053609.D

Acq: 18 May 2022 18:46

Instrument :

BNA_G

ClientSampleId :

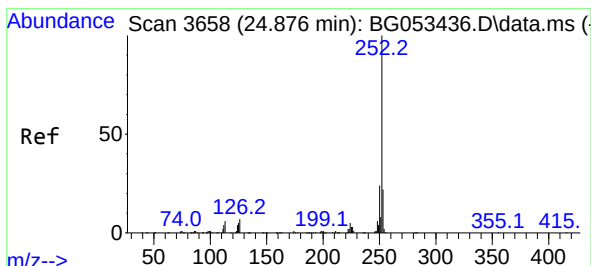
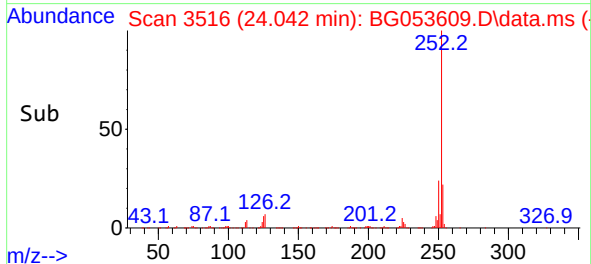
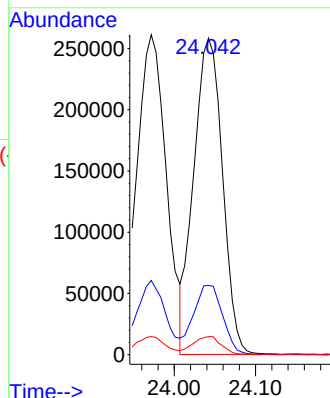
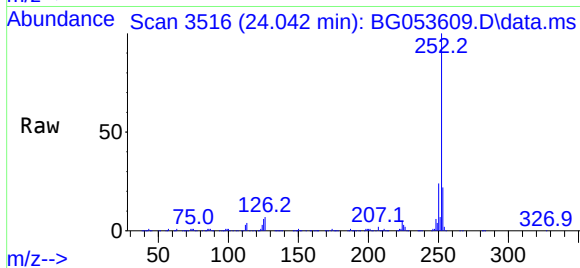
TP-38MSD

Tgt Ion:252 Resp: 635970
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.4 27.6
 125 5.7 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022



#90

Benzo(a)pyrene

Concen: 65.283 ng

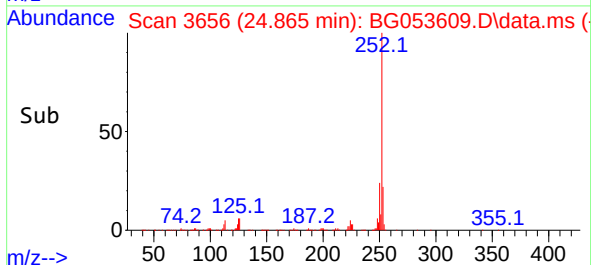
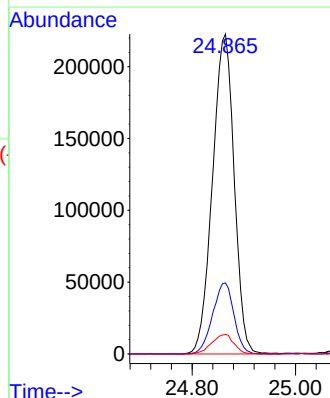
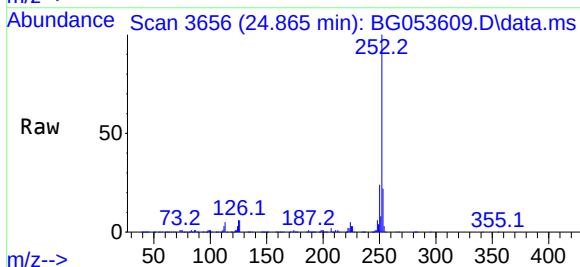
RT: 24.865 min Scan# 3656

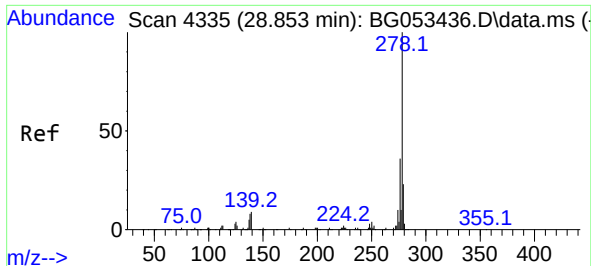
Delta R.T. -0.002 min

Lab File: BG053609.D

Acq: 18 May 2022 18:46

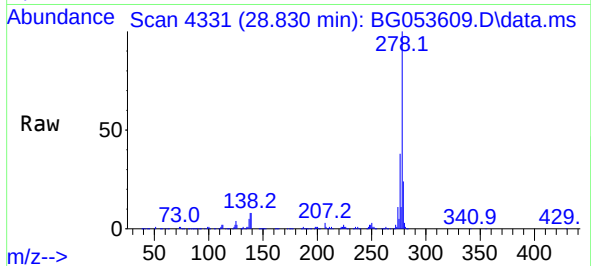
Tgt Ion:252 Resp: 647035
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 6.1 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 55.688 ng
RT: 28.830 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46

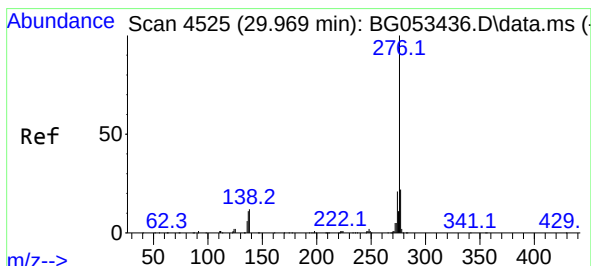
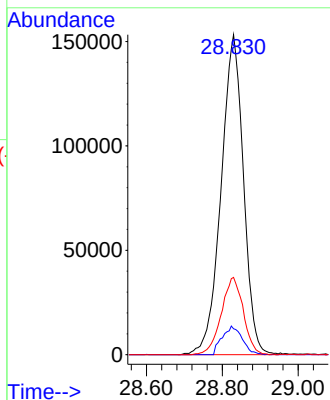
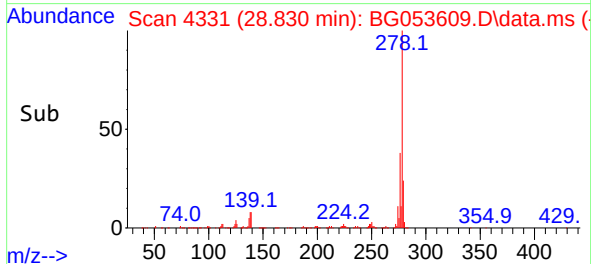
Instrument :
BNA_G
ClientSampleId :
TP-38MSD



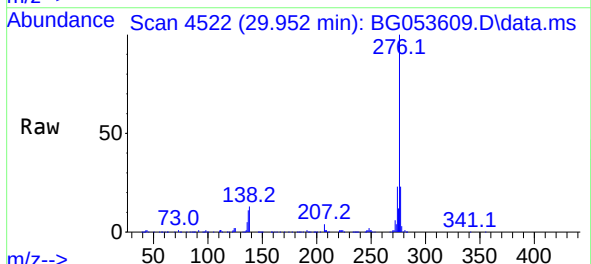
Tgt Ion:278 Resp: 62872
Ion Ratio Lower Upper
278 100
139 8.1 7.2 10.8
279 24.2 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#92
Benzo(g,h,i)perylene
Concen: 55.991 ng
RT: 29.952 min Scan# 4522
Delta R.T. -0.002 min
Lab File: BG053609.D
Acq: 18 May 2022 18:46



Tgt Ion:276 Resp: 626604
Ion Ratio Lower Upper
276 100
277 23.1 17.3 25.9
138 12.9 9.6 14.4

