

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053538.D
 Acq On : 13 May 2022 11:44
 Operator : CG/JU
 Sample : N2749-19MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2022
 Supervised By : Jagrut Upadhyay 05/16/2022

Quant Time: May 14 03:12:47 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	27209	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	109826	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	85125	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	201832	20.000	ng	0.00
76) Chrysene-d12	21.736	240	202390	20.000	ng	0.00
86) Perylene-d12	25.008	264	214762	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	179372	111.882	ng	0.00
7) Phenol-d6	7.250	99	269344	110.698	ng	0.00
23) Nitrobenzene-d5	9.247	82	184803	71.629	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	135677	108.067	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	412829	70.867	ng	0.00
79) Terphenyl-d14	20.056	244	758041	69.758	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	32034	38.082	ng	# 85
3) Pyridine	3.925	79	80695m	39.281	ng	
4) n-Nitrosodimethylamine	3.843	42	49969	49.933	ng	98
6) Aniline	7.403	93	71907	26.683	ng	94
8) 2-Chlorophenol	7.649	128	88351	52.715	ng	99
9) Benzaldehyde	7.215	77	60179m	38.932	ng	
10) Phenol	7.279	94	126149	53.011	ng	95
11) bis(2-Chloroethyl)ether	7.497	93	84102	47.387	ng	95
12) 1,3-Dichlorobenzene	7.973	146	91417	46.235	ng	93
13) 1,4-Dichlorobenzene	8.119	146	94482	47.354	ng	98
14) 1,2-Dichlorobenzene	8.437	146	91344	48.753	ng	97
15) Benzyl Alcohol	8.319	79	101638m	49.964	ng	
16) 2,2'-oxybis(1-Chloropr...	8.607	45	133874	46.346	ng	97
17) 2-Methylphenol	8.531	107	83940	52.188	ng	98
18) Hexachloroethane	9.171	117	34856	46.003	ng	88
19) n-Nitroso-di-n-propyla...	8.883	70	81345	46.596	ng	99
20) 3+4-Methylphenols	8.860	107	115648	50.911	ng	96
22) Acetophenone	8.907	105	140489	46.739	ng	# 98
24) Nitrobenzene	9.288	77	125991	50.455	ng	100
25) Isophorone	9.811	82	223267	51.420	ng	98
26) 2-Nitrophenol	10.005	139	51035	50.461	ng	98
27) 2,4-Dimethylphenol	10.064	122	90292	59.323	ng	93
28) bis(2-Chloroethoxy)met...	10.287	93	119842	47.990	ng	98
29) 2,4-Dichlorophenol	10.546	162	99250	54.029	ng	92
30) 1,2,4-Trichlorobenzene	10.757	180	102151	48.943	ng	96
31) Naphthalene	10.945	128	275418	49.300	ng	100
32) Benzoic acid	10.234	122	55400m	56.421	ng	
33) 4-Chloroaniline	11.051	127	32736	13.992	ng	93
34) Hexachlorobutadiene	11.233	225	75006	48.464	ng	98
35) Caprolactam	11.820	113	33271m	49.840	ng	
36) 4-Chloro-3-methylphenol	12.179	107	112589	51.239	ng	97
37) 2-Methylnaphthalene	12.543	142	196572	47.149	ng	98
38) 1-Methylnaphthalene	12.760	142	189293m	46.536	ng	
40) 1,2,4,5-Tetrachloroben...	12.913	216	131367	48.958	ng	99
41) Hexachlorocyclopentadiene	12.895	237	117560	104.518	ng	98
43) 2,4,6-Trichlorophenol	13.154	196	92173	52.625	ng	95

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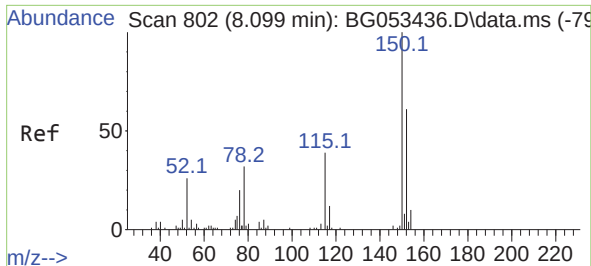
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.230	196	97266	52.178	ng	99
46) 1,1'-Biphenyl	13.547	154	278713	48.034	ng	100
47) 2-Chloronaphthalene	13.594	162	218221	48.002	ng	97
48) 2-Nitroaniline	13.788	65	85595	50.530	ng	97
49) Acenaphthylene	14.434	152	374299	51.597	ng	99
50) Dimethylphthalate	14.158	163	304404	47.058	ng	99
51) 2,6-Dinitrotoluene	14.282	165	66237	50.260	ng	96
52) Acenaphthene	14.775	154	210939	48.792	ng	98
53) 3-Nitroaniline	14.616	138	28712	20.164	ng	99
54) 2,4-Dinitrophenol	14.828	184	83459	98.223	ng	98
55) Dibenzofuran	15.110	168	361824	46.595	ng	98
56) 4-Nitrophenol	14.934	139	104500	102.747	ng	90
57) 2,4-Dinitrotoluene	15.075	165	94785	49.618	ng	# 94
58) Fluorene	15.756	166	298929	47.970	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.339	232	92143	48.718	ng	99
60) Diethylphthalate	15.515	149	311782	46.660	ng	98
61) 4-Chlorophenyl-phenyle...	15.744	204	164781	47.388	ng	97
62) 4-Nitroaniline	15.780	138	65924	44.636	ng	97
63) Azobenzene	16.038	77	316634	46.275	ng	98
65) 4,6-Dinitro-2-methylph...	15.838	198	59285	49.295	ng	96
66) n-Nitrosodiphenylamine	15.956	169	263405	49.707	ng	99
67) 4-Bromophenyl-phenylether	16.637	248	116826	49.562	ng	96
68) Hexachlorobenzene	16.767	284	129347	50.105	ng	99
69) Atrazine	16.902	200	113409	50.837	ng	99
70) Pentachlorophenol	17.113	266	137439	97.764	ng	97
71) Phenanthrene	17.501	178	546685	53.269	ng	97
72) Anthracene	17.589	178	515112	51.065	ng	99
73) Carbazole	17.859	167	463903	46.924	ng	100
74) Di-n-butylphthalate	18.405	149	524572	47.179	ng	99
75) Fluoranthene	19.504	202	701127	52.762	ng	98
77) Benzidine	19.680	184	248475	56.960	ng	98
78) Pyrene	19.868	202	692935	52.889	ng	100
80) Butylbenzylphthalate	20.744	149	233920	48.689	ng	97
81) Benzo(a)anthracene	21.719	228	682457	52.867	ng	98
82) 3,3'-Dichlorobenzidine	21.625	252	88339	26.986	ng	99
83) Chrysene	21.783	228	631094	52.345	ng	97
84) Bis(2-ethylhexyl)phtha...	21.607	149	335628	50.614	ng	100
85) Di-n-octyl phthalate	22.829	149	574088	51.198	ng	100
87) Indeno(1,2,3-cd)pyrene	28.774	276	776679	51.925	ng	# 95
88) Benzo(b)fluoranthene	23.974	252	769149	60.505	ng	99
89) Benzo(k)fluoranthene	24.045	252	669283	53.578	ng	98
90) Benzo(a)pyrene	24.867	252	700470	64.739	ng	98
91) Dibenzo(a,h)anthracene	28.833	278	638460	51.802	ng	98
92) Benzo(g,h,i)perylene	29.955	276	687432	56.268	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 74
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

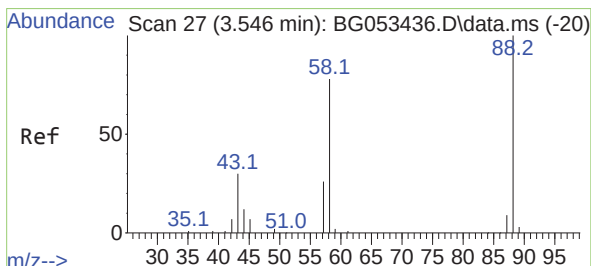
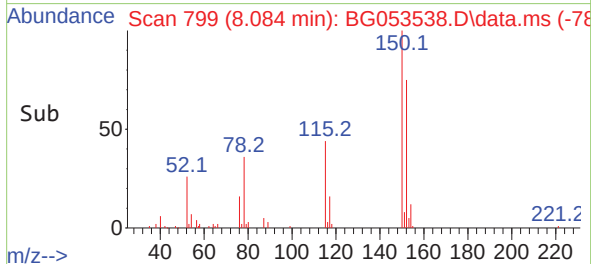
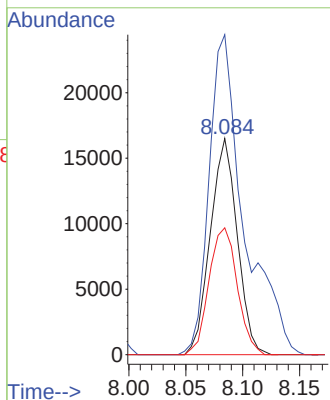
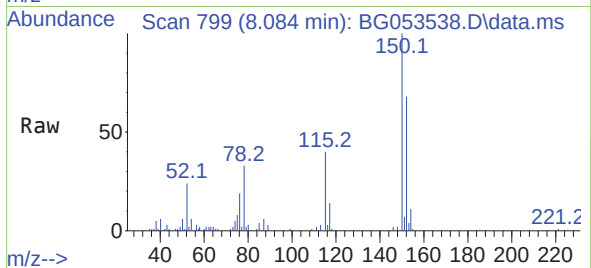
TP-7MS

Tgt Ion:152 Resp: 27209
Ion Ratio Lower Upper
152 100
150 148.0 131.6 197.4
115 58.7 50.9 76.3

Manual Integrations

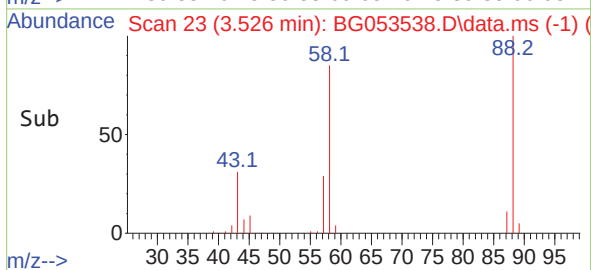
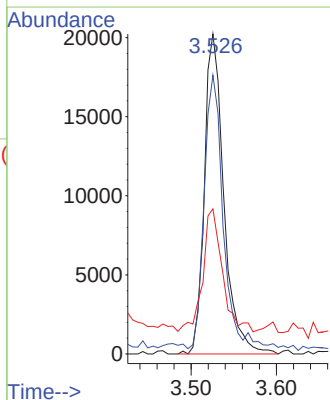
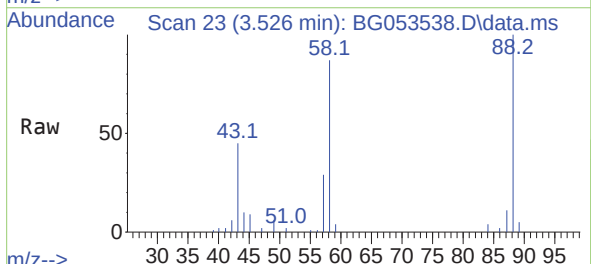
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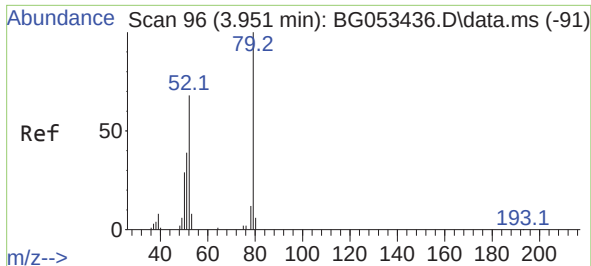
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#2
1,4-Dioxane
Concen: 38.082 ng
RT: 3.526 min Scan# 23
Delta R.T. -0.011 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

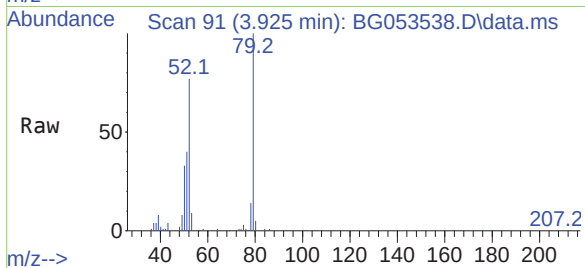
Tgt Ion: 88 Resp: 32034
Ion Ratio Lower Upper
88 100
58 86.4 59.2 88.8
43 38.9 24.3 36.5





#3
Pyridine
Concen: 39.281 ng m
RT: 3.925 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

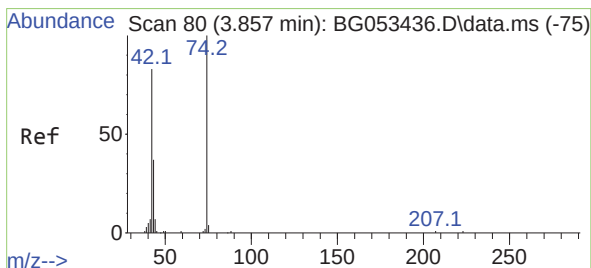
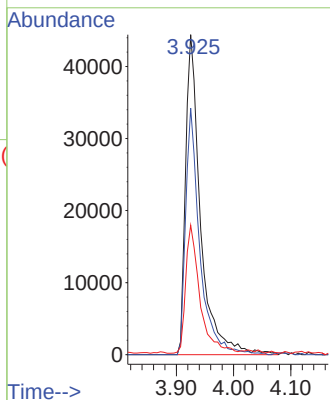
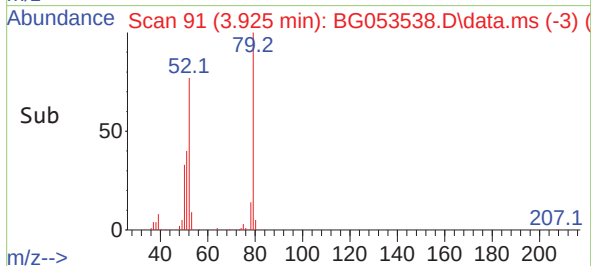
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion: 79 Resp: 8069
Ion Ratio Lower Upper
79 100
52 77.1 54.6 81.8
51 40.5 32.5 48.7

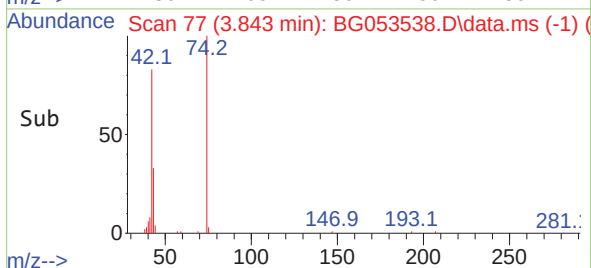
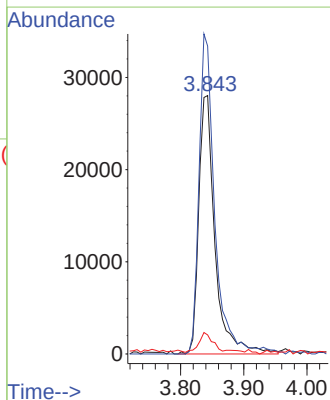
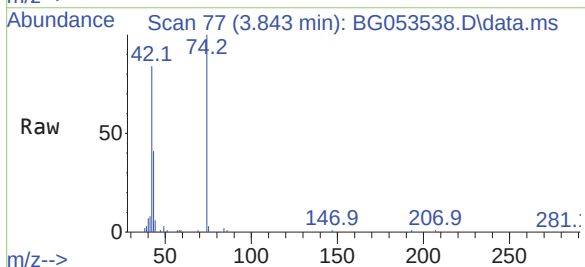
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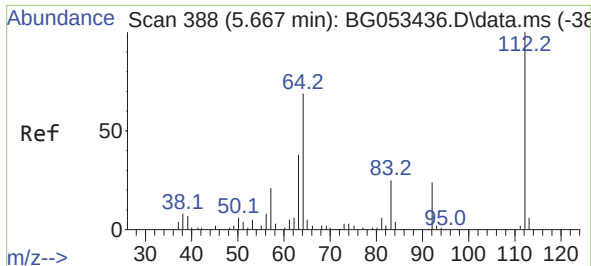
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#4
n-Nitrosodimethylamine
Concen: 49.933 ng
RT: 3.843 min Scan# 77
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion: 42 Resp: 49969
Ion Ratio Lower Upper
42 100
74 119.2 97.0 145.4
44 7.4 7.0 10.4





#5
2-Fluorophenol
Concen: 111.882 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

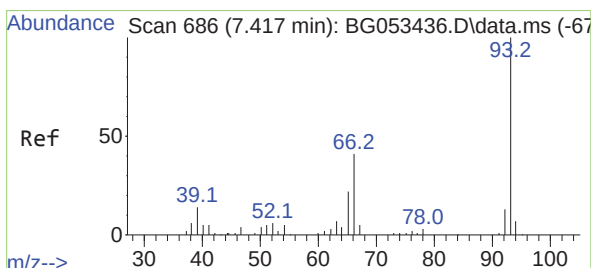
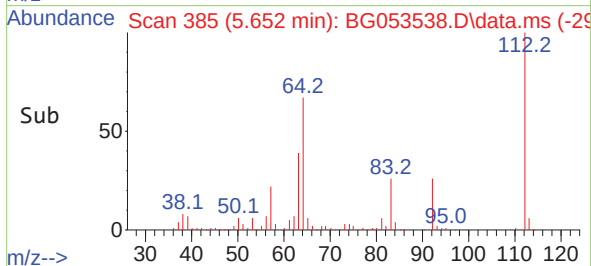
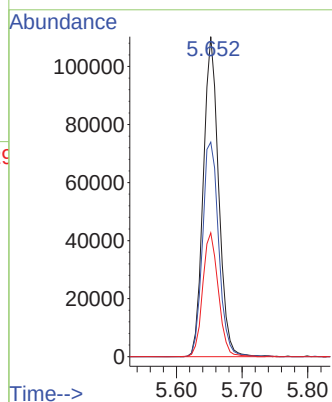
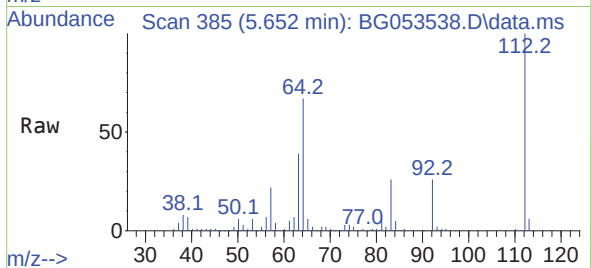
TP-7MS

Tgt Ion:112 Resp: 179372
Ion Ratio Lower Upper
112 100
64 67.1 55.1 82.7
63 38.7 30.4 45.6

Manual Integrations

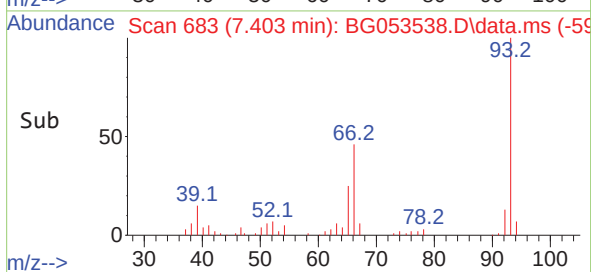
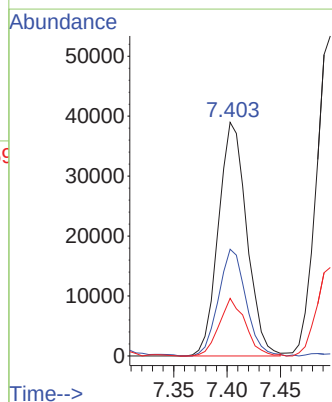
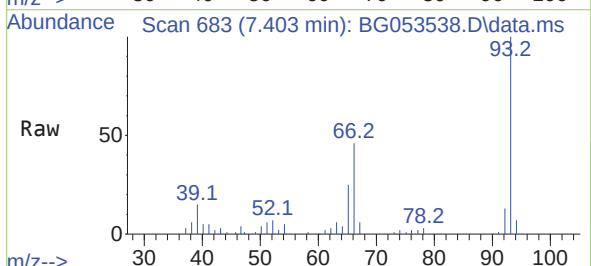
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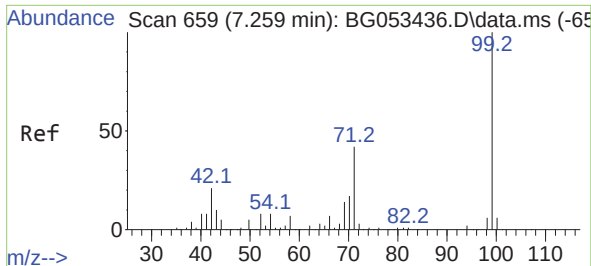
Reviewed By :Christian Giraldo 05/16/2022
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#6
Aniline
Concen: 26.683 ng
RT: 7.403 min Scan# 683
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion: 93 Resp: 71907
Ion Ratio Lower Upper
93 100
66 45.7 32.9 49.3
65 24.6 17.8 26.8





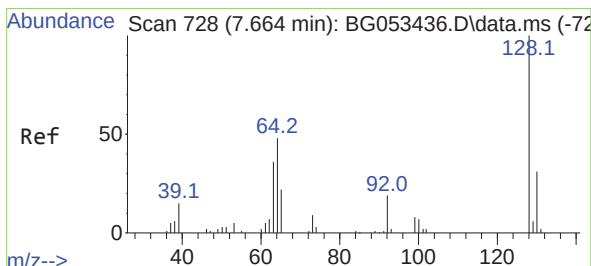
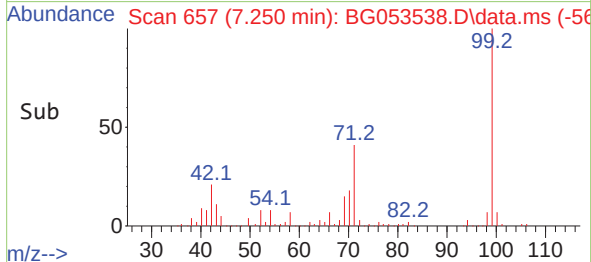
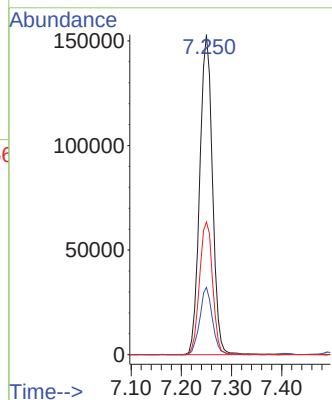
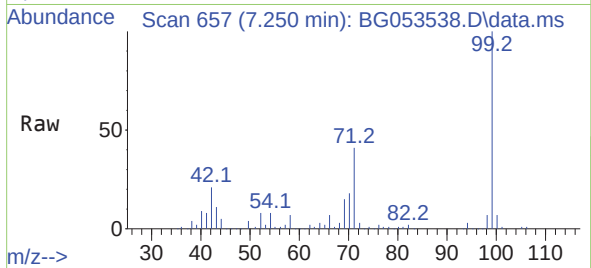
#7
Phenol-d6
Concen: 110.698 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion: 99 Resp: 269344
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 41.5 33.8 50.8

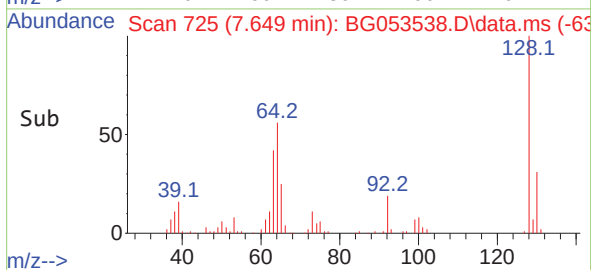
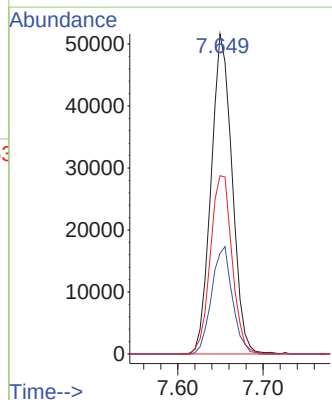
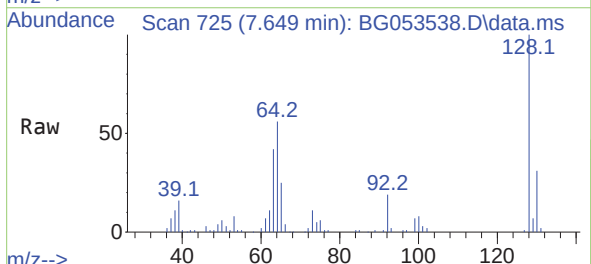
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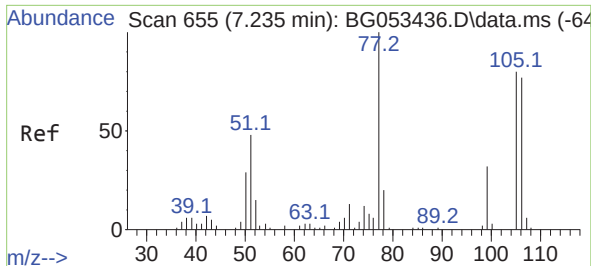
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#8
2-Chlorophenol
Concen: 52.715 ng
RT: 7.649 min Scan# 725
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:128 Resp: 88351
Ion Ratio Lower Upper
128 100
130 31.4 10.5 50.5
64 55.7 35.1 75.1





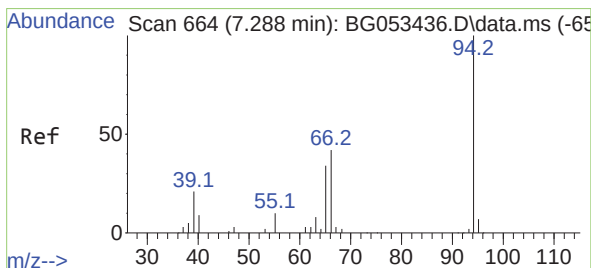
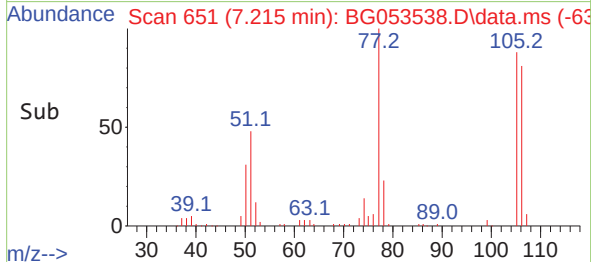
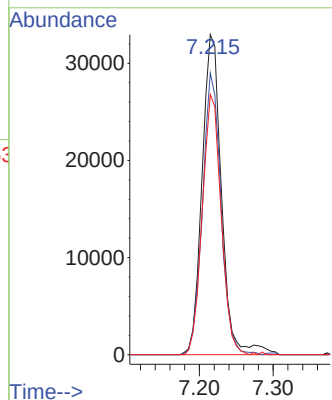
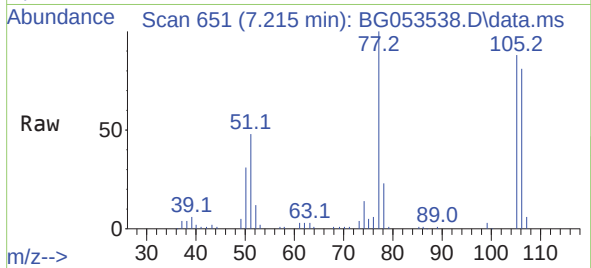
#9
Benzaldehyde
Concen: 38.932 ng m
RT: 7.215 min Scan# 601
Delta R.T. -0.011 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion: 77 Resp: 60179
Ion Ratio Lower Upper
77 100
105 88.1 59.6 99.6
106 81.3 56.8 96.8

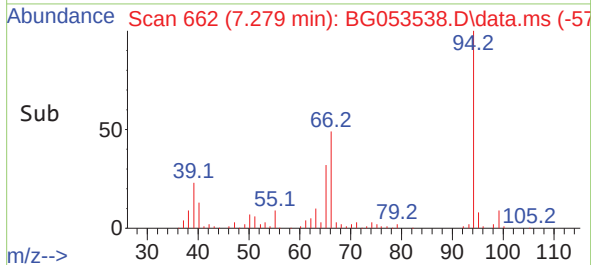
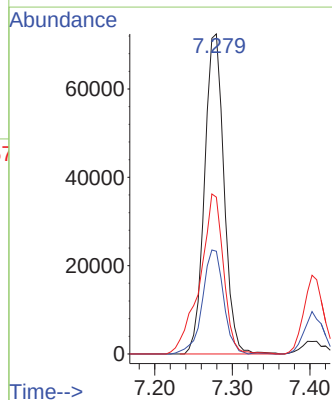
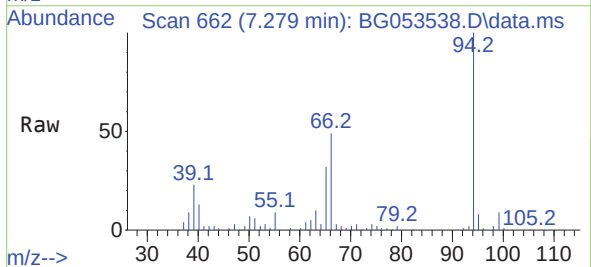
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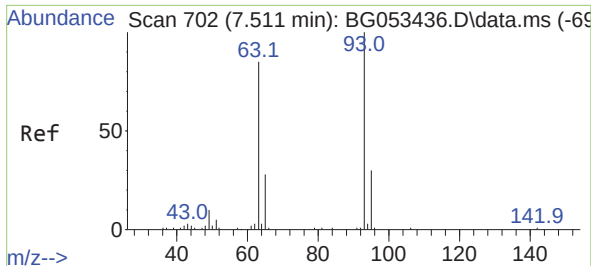
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#10
Phenol
Concen: 53.011 ng
RT: 7.279 min Scan# 662
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion: 94 Resp: 126149
Ion Ratio Lower Upper
94 100
65 32.1 14.8 54.8
66 49.0 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 47.387 ng
RT: 7.497 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

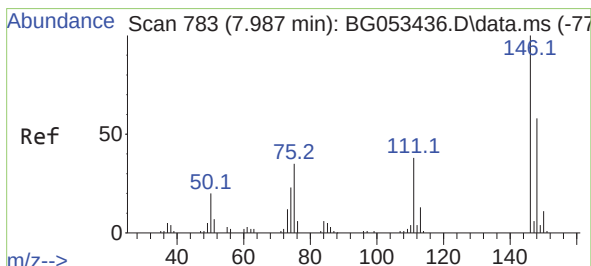
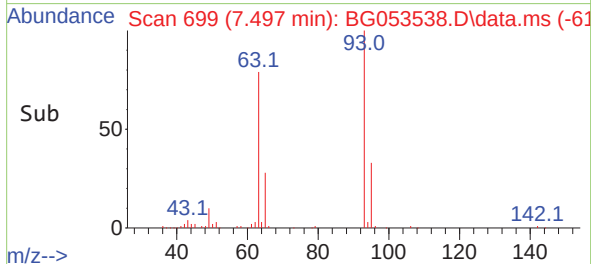
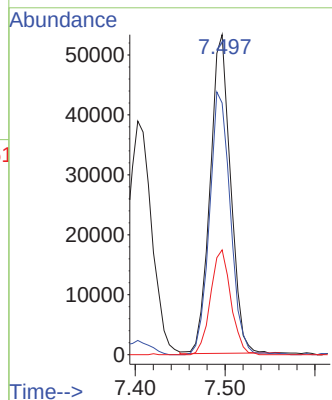
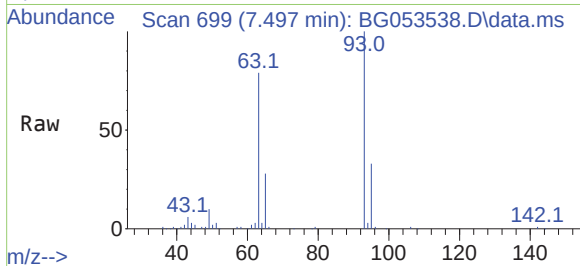
TP-7MS

Tgt Ion: 93 Resp: 84102
Ion Ratio Lower Upper
93 100
63 78.6 63.6 103.6
95 32.8 10.1 50.1

Manual Integrations

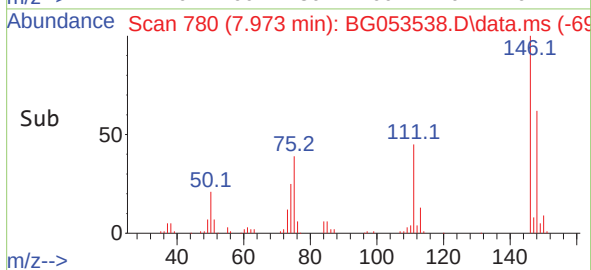
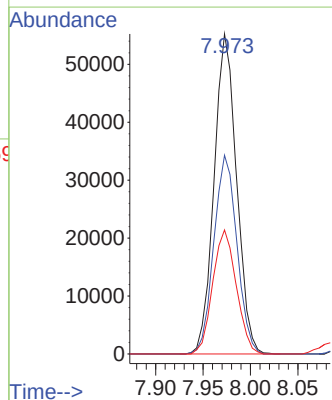
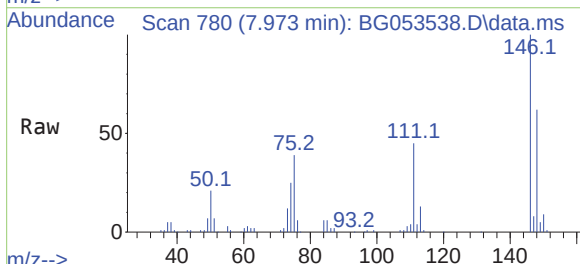
APPROVED

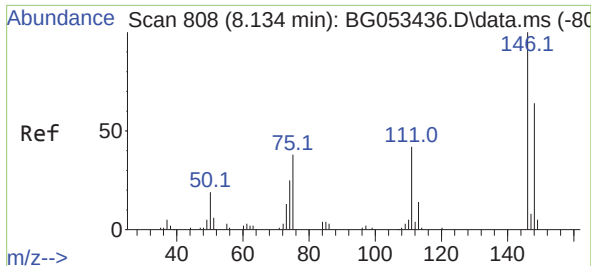
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#12
1,3-Dichlorobenzene
Concen: 46.235 ng
RT: 7.973 min Scan# 780
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:146 Resp: 91417
Ion Ratio Lower Upper
146 100
148 62.1 46.1 69.1
75 38.8 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.354 ng

RT: 8.119 min Scan# 808

Delta R.T. -0.005 min

Lab File: BG053538.D

Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

TP-7MS

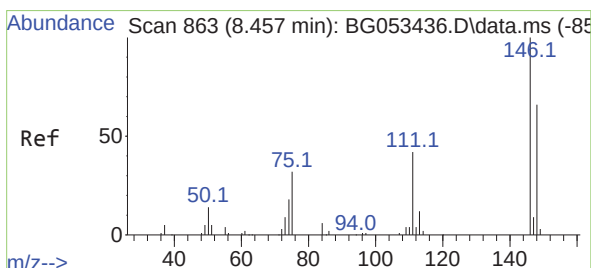
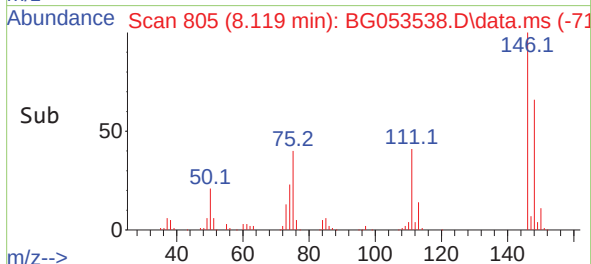
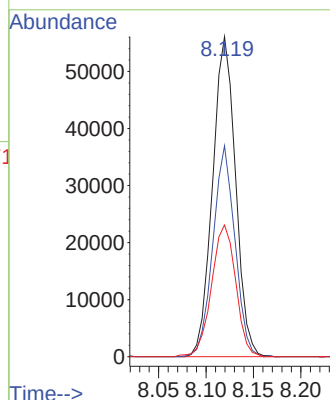
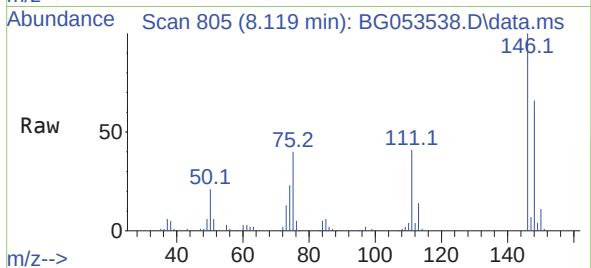
Tgt Ion:146 Resp: 9448

Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.5	77.3
111	41.1	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#14

1,2-Dichlorobenzene

Concen: 48.753 ng

RT: 8.437 min Scan# 859

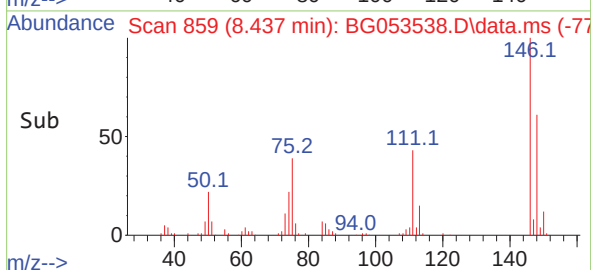
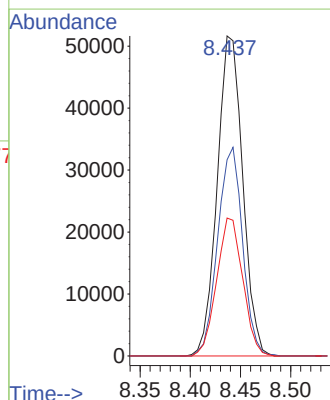
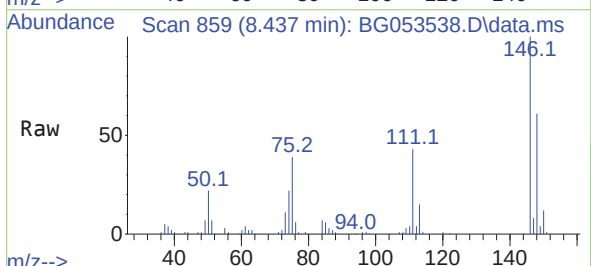
Delta R.T. -0.005 min

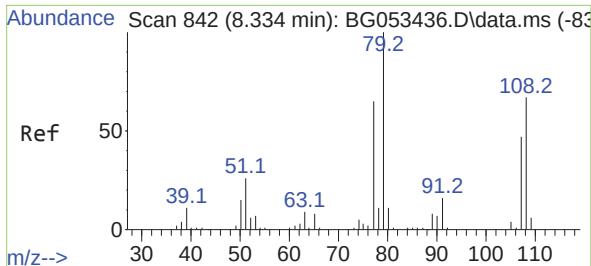
Lab File: BG053538.D

Acq: 13 May 2022 11:44

Tgt Ion:146 Resp: 91344

Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.6	78.8
111	43.1	34.5	51.7





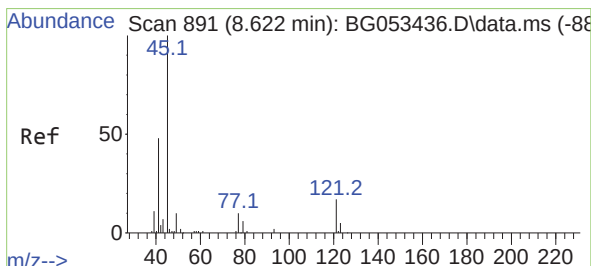
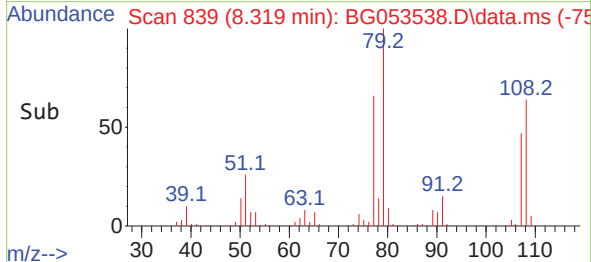
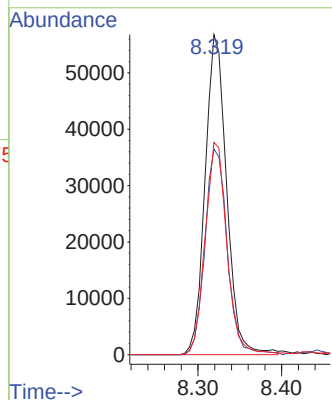
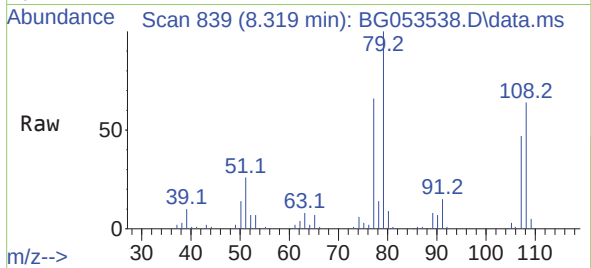
#15
Benzyl Alcohol
Concen: 49.964 ng m
RT: 8.319 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion: 79 Resp: 101638
Ion Ratio Lower Upper
79 100
108 64.3 53.7 80.5
77 66.4 52.2 78.4

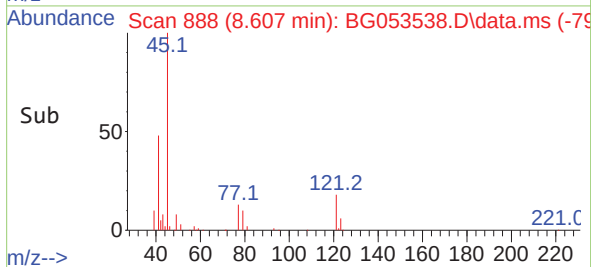
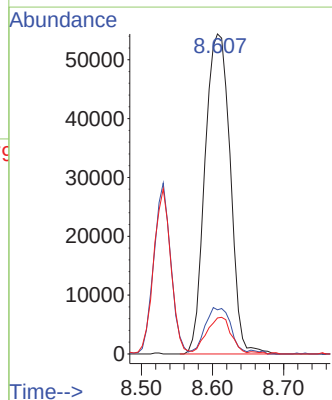
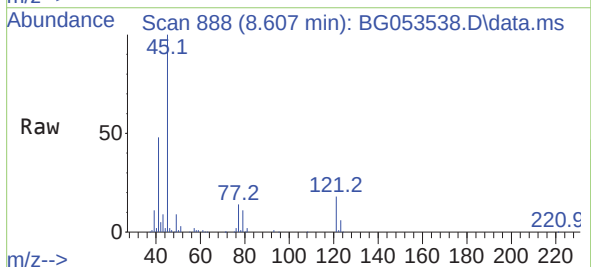
Manual Integrations
APPROVED

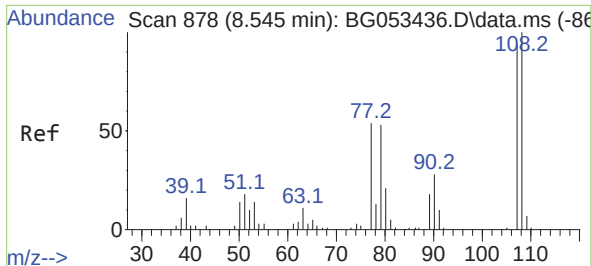
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.346 ng
RT: 8.607 min Scan# 888
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

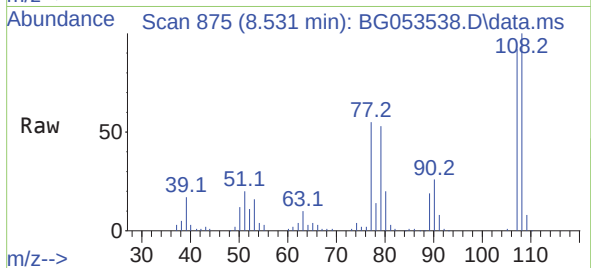
Tgt Ion: 45 Resp: 133874
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.7
79 11.3 0.0 29.7





#17
2-Methylphenol
Concen: 52.188 ng
RT: 8.531 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

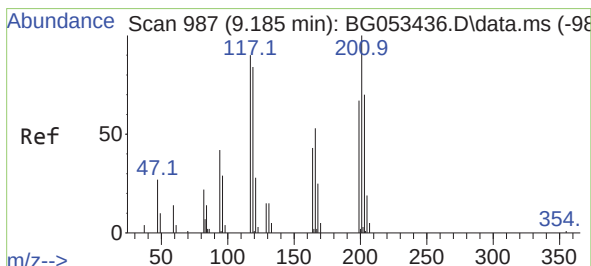
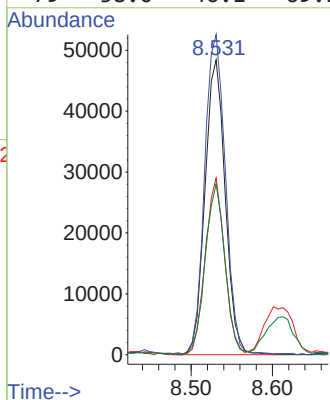
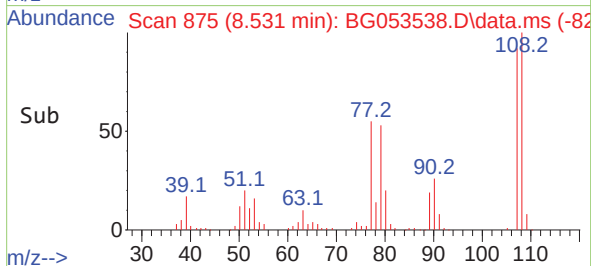
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:	107	Resp:	83940
Ion	Ratio	Lower	Upper
107	100		
108	108.6	85.4	128.0
77	60.0	46.2	69.2
79	58.0	46.1	69.1

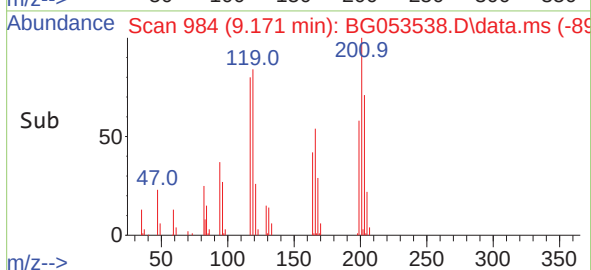
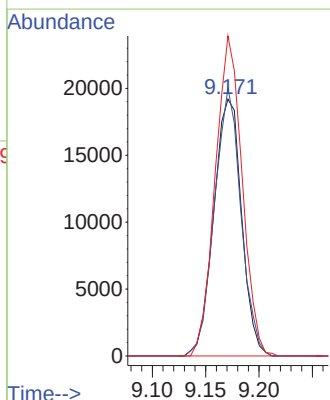
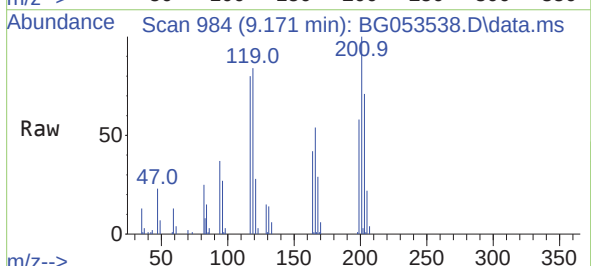
Manual Integrations
APPROVED

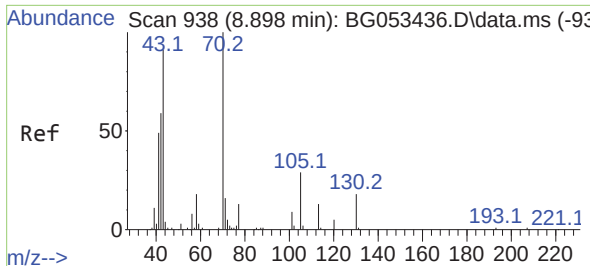
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#18
Hexachloroethane
Concen: 46.003 ng
RT: 9.171 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:	117	Resp:	34856
Ion	Ratio	Lower	Upper
117	100		
119	104.3	75.0	112.6
201	124.6	89.0	133.6





#19
n-Nitroso-di-n-propylamine
Concen: 46.596 ng
RT: 8.883 min Scan# 913
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

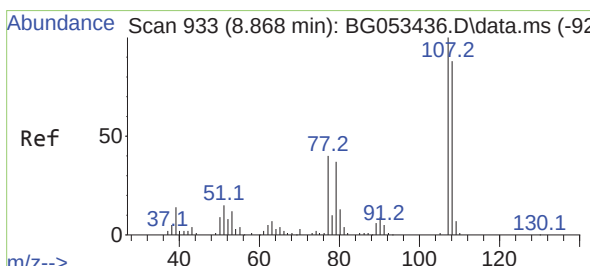
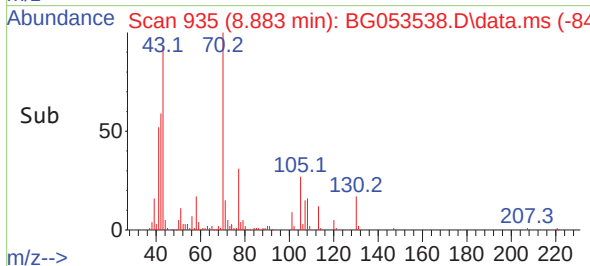
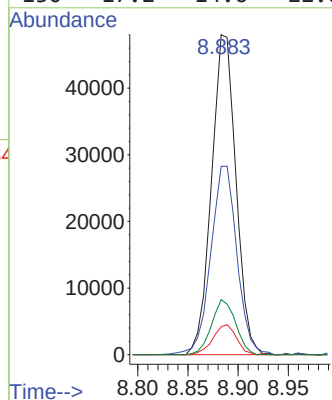
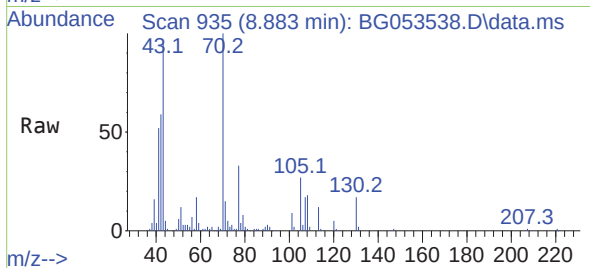
TP-7MS

Tgt Ion: 70 Resp: 8134
Ion Ratio Lower Upper
70 100
42 58.8 47.3 70.9
101 8.7 7.0 10.4
130 17.2 14.6 22.0

Manual Integrations

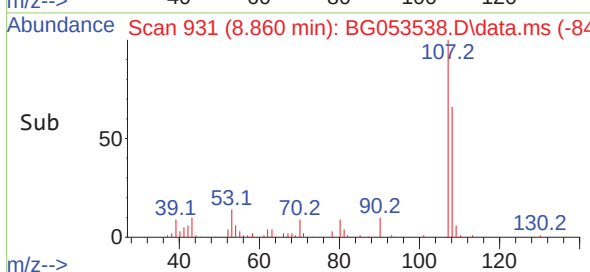
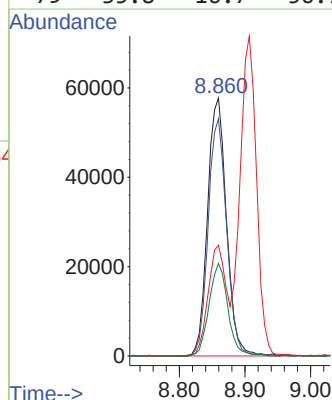
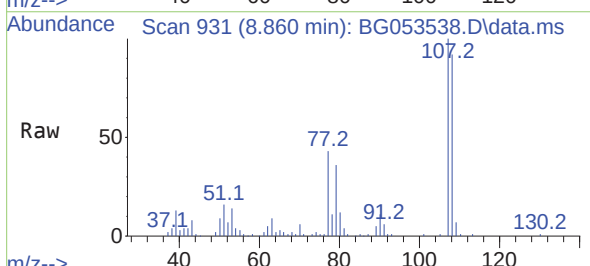
APPROVED

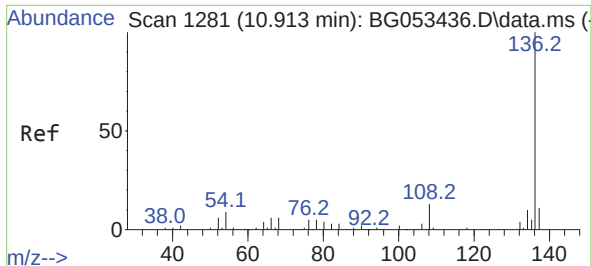
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#20
3+4-Methylphenols
Concen: 50.911 ng
RT: 8.860 min Scan# 931
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:107 Resp: 115648
Ion Ratio Lower Upper
107 100
108 92.0 67.5 107.5
77 42.9 20.3 60.3
79 35.8 16.7 56.7





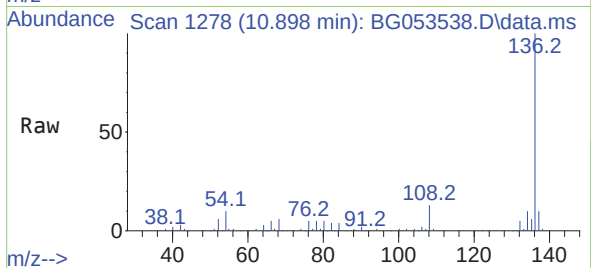
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 10898
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

TP-7MS

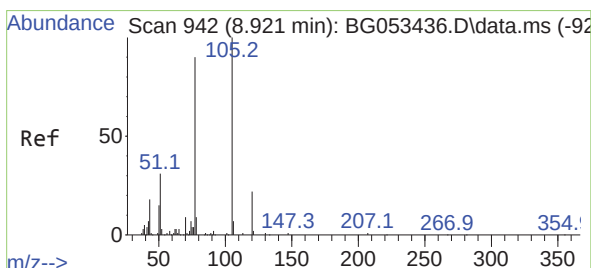
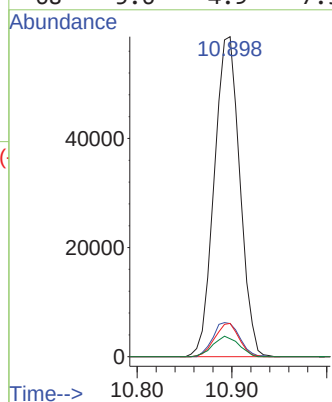


Tgt Ion:136 Resp: 109820
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.4 7.4 11.2
68 5.6 4.9 7.3

Manual Integrations

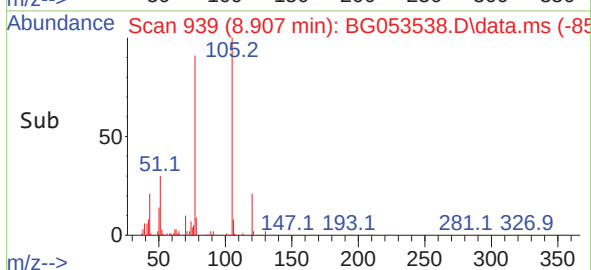
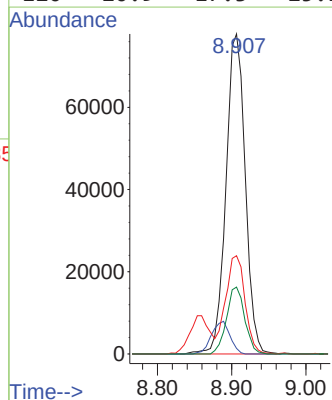
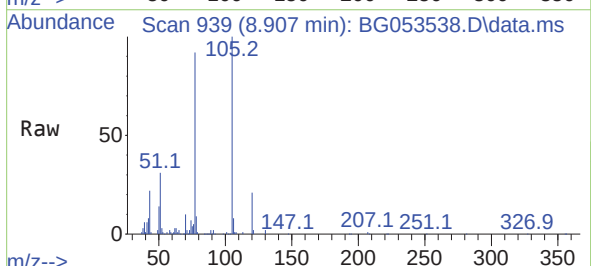
APPROVED

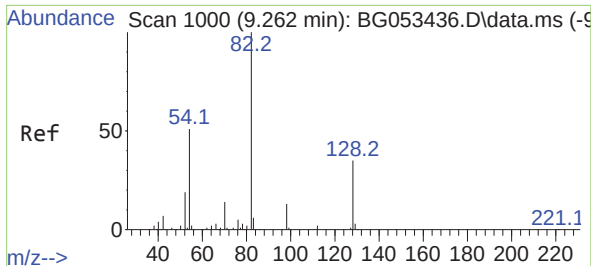
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#22
Acetophenone
Concen: 46.739 ng
RT: 8.907 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:105 Resp: 140489
Ion Ratio Lower Upper
105 100
71 1.7 1.1 1.7#
51 30.7 25.4 38.0
120 20.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 71.629 ng

RT: 9.247 min Scan# 90

Delta R.T. -0.005 min

Lab File: BG053538.D

Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

TP-7MS

Tgt Ion: 82 Resp: 18480

Ion Ratio Lower Upper

82 100

128 34.9 27.9 41.9

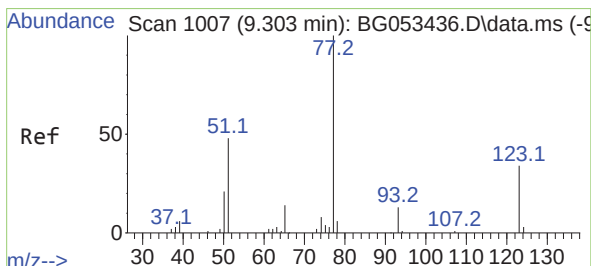
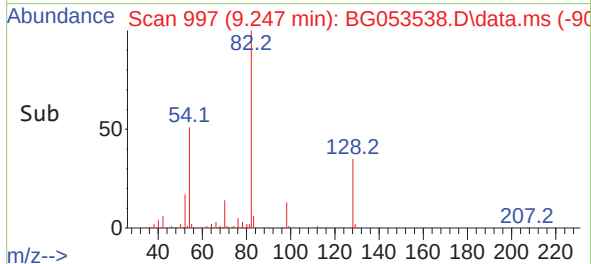
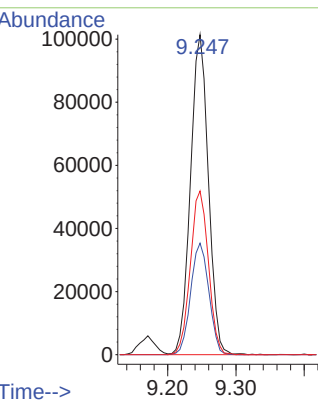
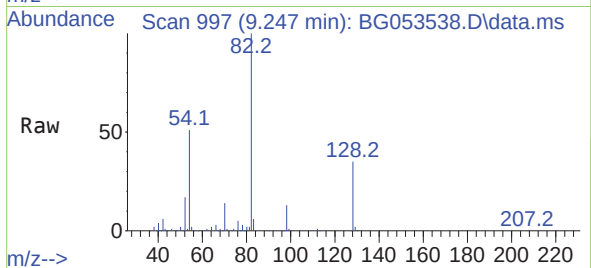
54 51.1 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#24

Nitrobenzene

Concen: 50.455 ng

RT: 9.288 min Scan# 1004

Delta R.T. -0.005 min

Lab File: BG053538.D

Acq: 13 May 2022 11:44

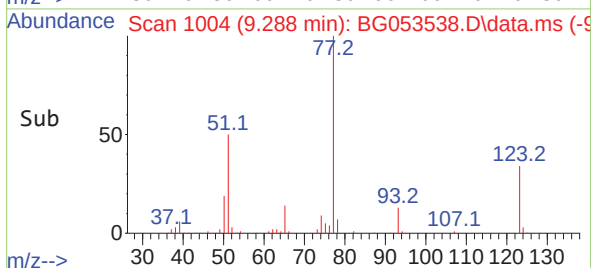
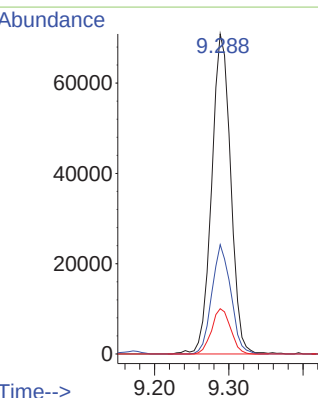
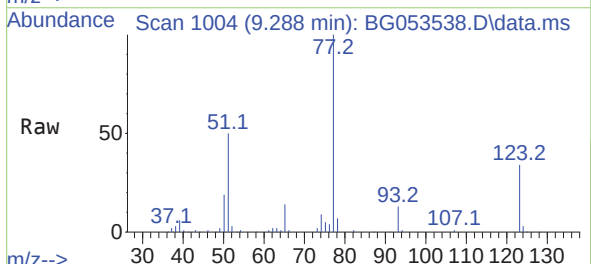
Tgt Ion: 77 Resp: 125991

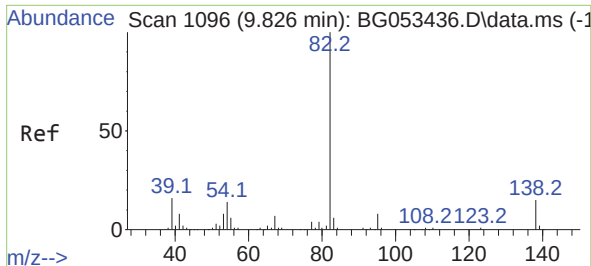
Ion Ratio Lower Upper

77 100

123 34.1 27.4 41.0

65 14.2 11.4 17.0





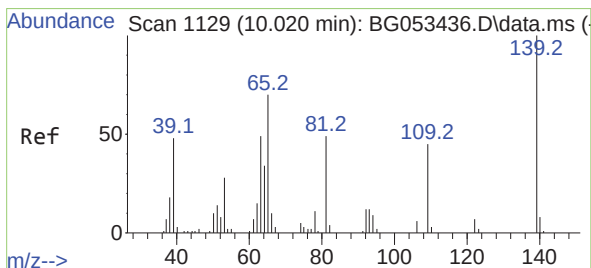
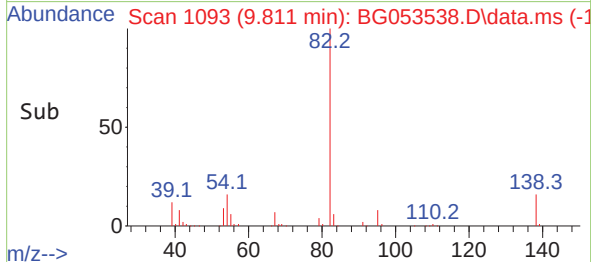
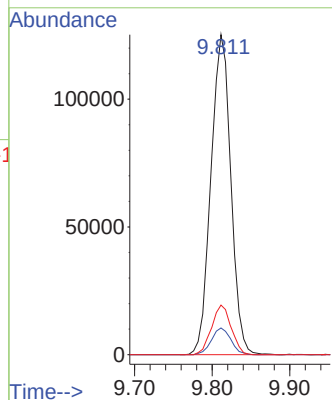
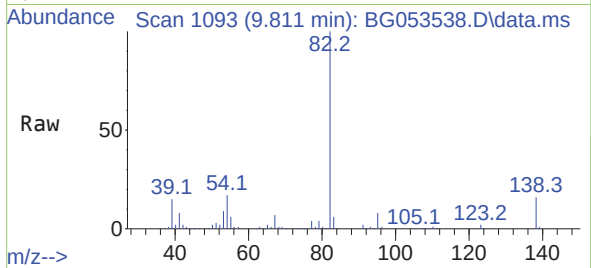
#25
Isophorone
Concen: 51.420 ng
RT: 9.811 min Scan# 1093
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion: 82 Resp: 22326
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.4
138 15.5 11.6 17.4

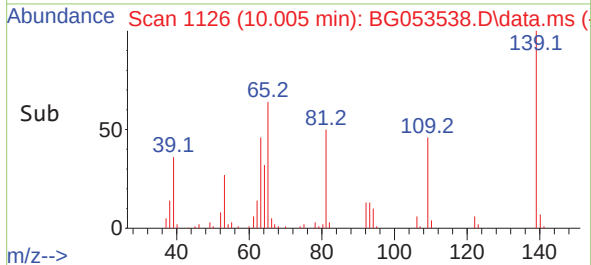
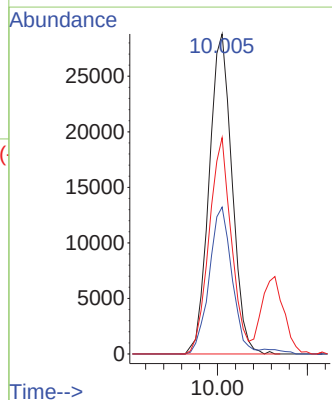
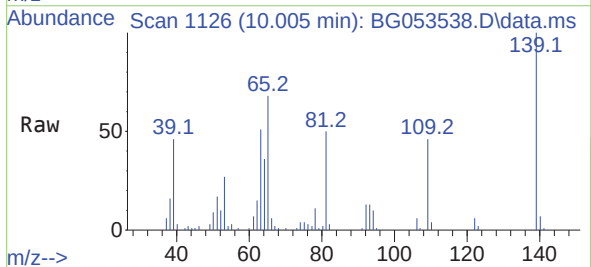
Manual Integrations
APPROVED

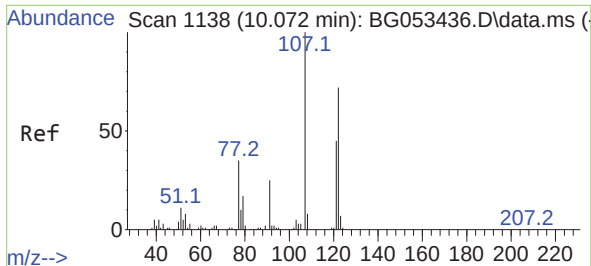
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#26
2-Nitrophenol
Concen: 50.461 ng
RT: 10.005 min Scan# 1126
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

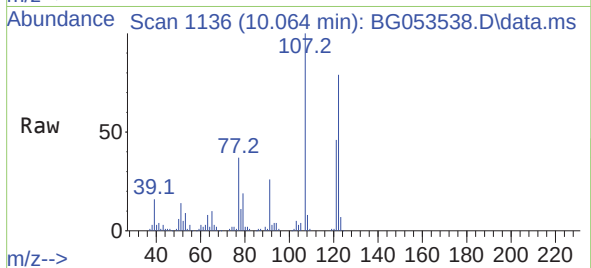
Tgt Ion:139 Resp: 51035
Ion Ratio Lower Upper
139 100
109 45.9 36.1 54.1
65 67.6 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 59.323 ng
RT: 10.064 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

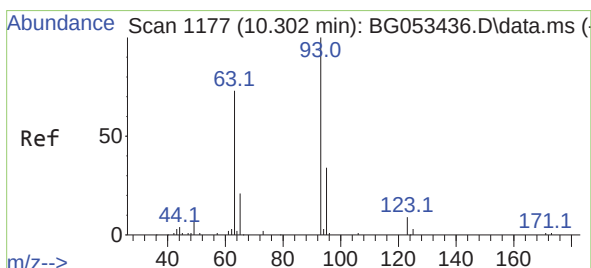
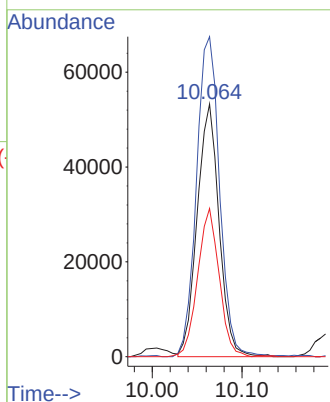
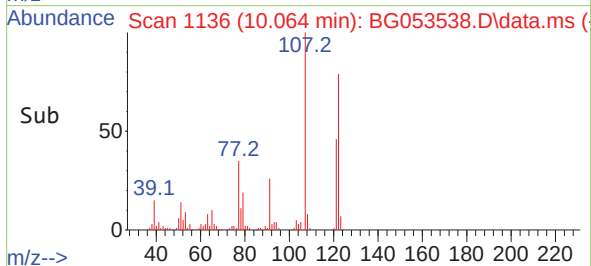
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:122 Resp: 90292
Ion Ratio Lower Upper
122 100
107 126.6 109.4 164.0
121 58.6 48.7 73.1

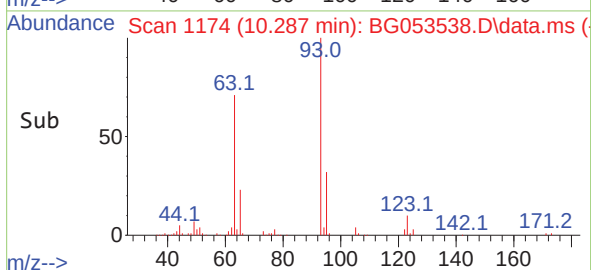
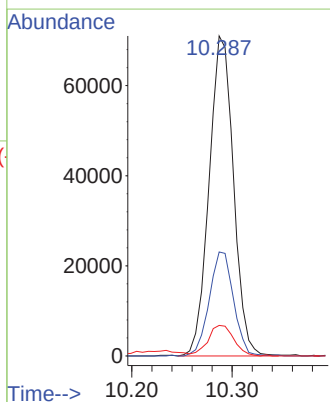
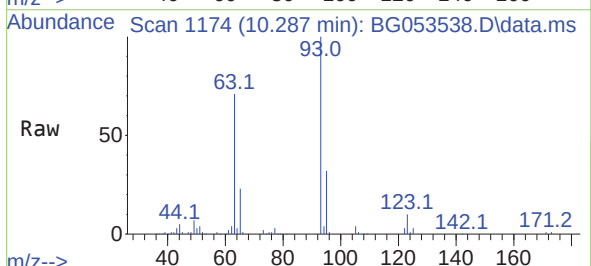
Manual Integrations
APPROVED

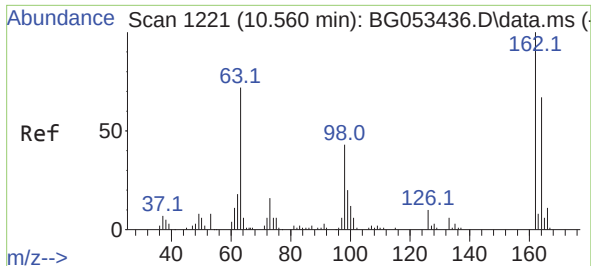
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 47.990 ng
RT: 10.287 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion: 93 Resp: 119842
Ion Ratio Lower Upper
93 100
95 32.5 26.9 40.3
123 9.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 54.029 ng

RT: 10.546 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG053538.D

Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

TP-7MS

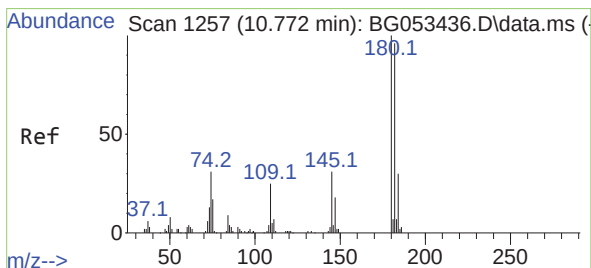
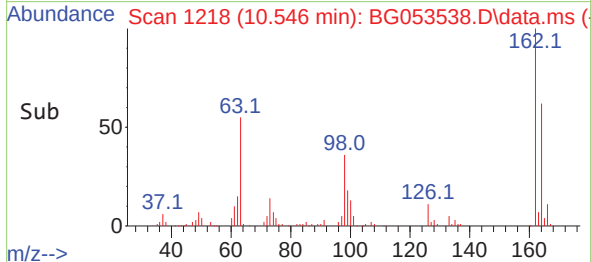
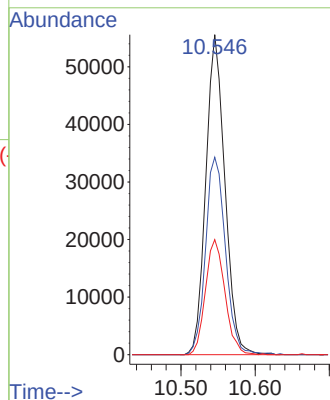
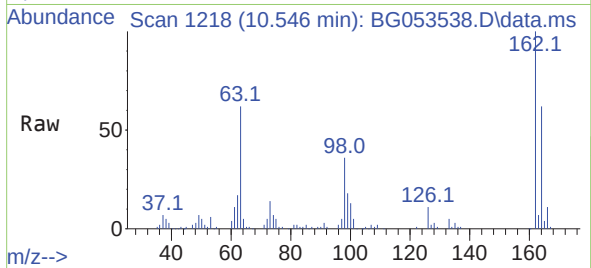
Tgt Ion:162	Resp:	99250
Ion Ratio	Lower	Upper
162	100	
164	61.7	46.6 86.6
98	35.9	22.8 62.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.943 ng

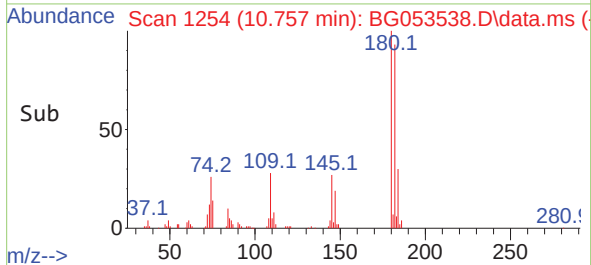
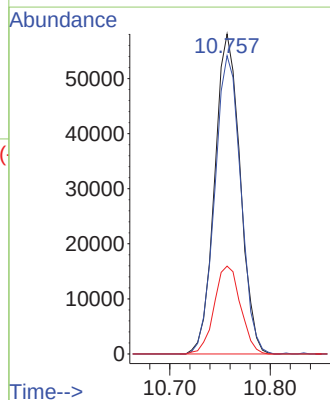
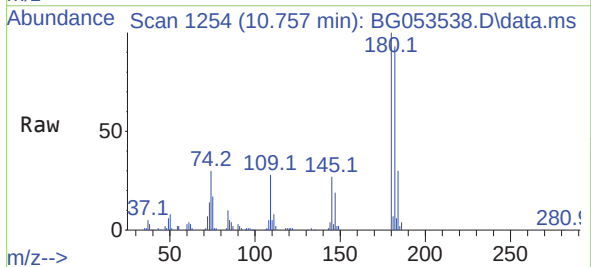
RT: 10.757 min Scan# 1254

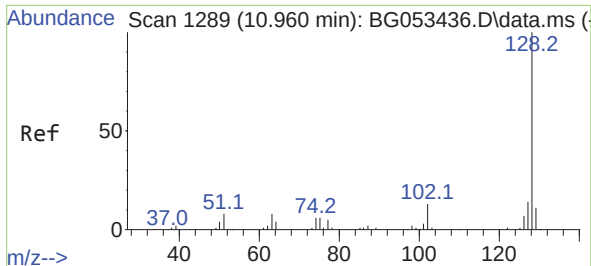
Delta R.T. -0.005 min

Lab File: BG053538.D

Acq: 13 May 2022 11:44

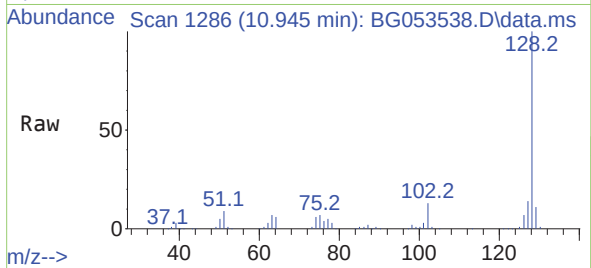
Tgt Ion:180	Resp:	102151
Ion Ratio	Lower	Upper
180	100	
182	93.2	76.6 115.0
145	27.4	25.0 37.4





#31
Naphthalene
Concen: 49.300 ng
RT: 10.945 min Scan# 1165
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

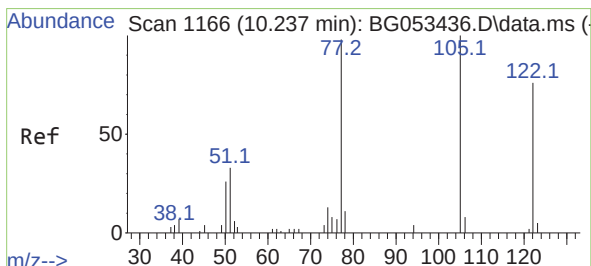
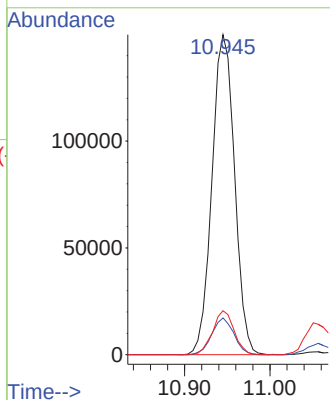
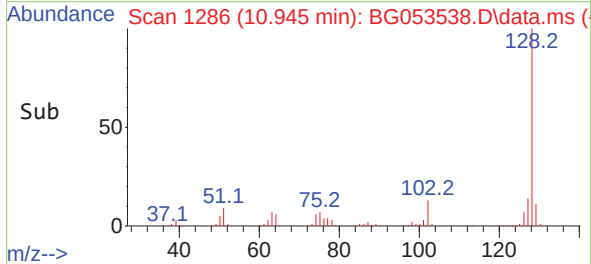
Instrument :
BNA_G
ClientSampleId :
TP-7MS



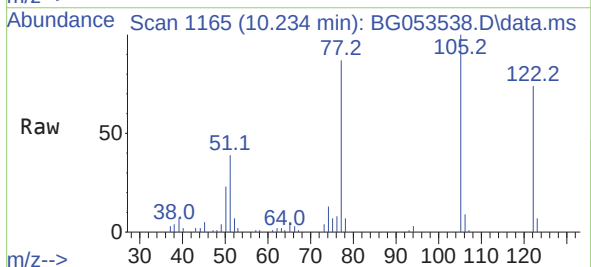
Tgt Ion:128 Resp: 275418
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 11.1 16.7

Manual Integrations
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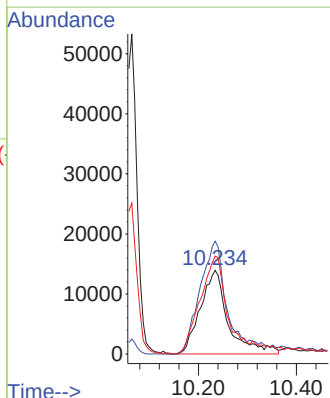
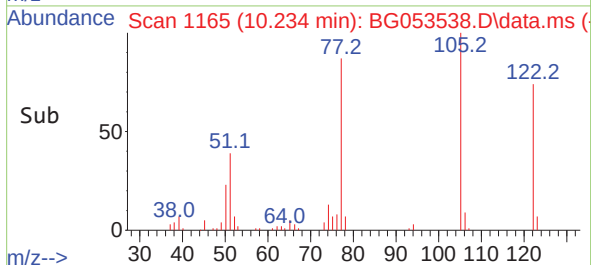
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

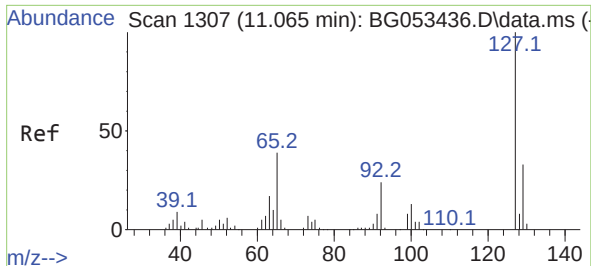


#32
Benzoic acid
Concen: 56.421 ng m
RT: 10.234 min Scan# 1165
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



Tgt Ion:122 Resp: 55400
Ion Ratio Lower Upper
122 100
105 135.1 111.8 151.8
77 117.3 109.4 149.4





#33
4-Chloroaniline
Concen: 13.992 ng
RT: 11.051 min Scan# 11051
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

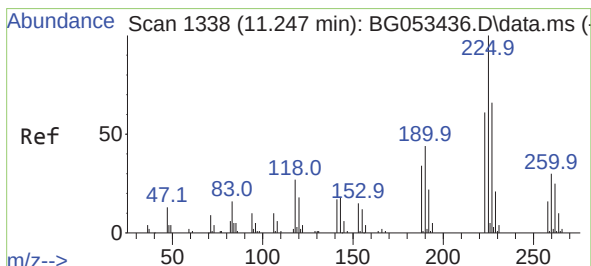
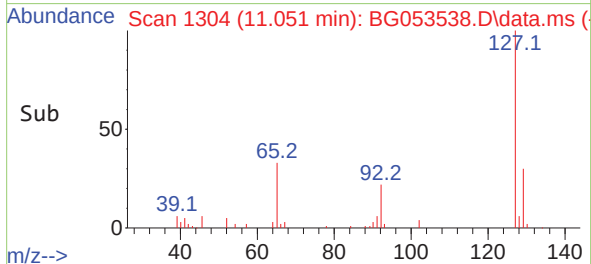
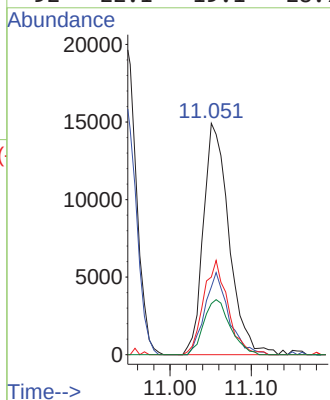
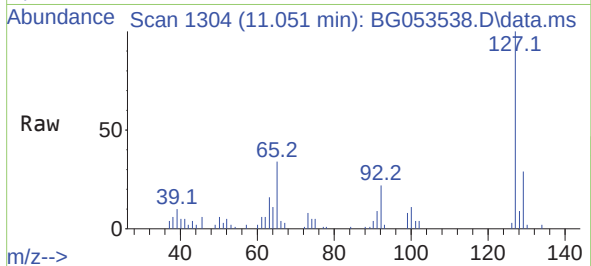
TP-7MS

Tgt Ion:127 Resp: 32730
Ion Ratio Lower Upper
127 100
129 29.3 26.3 39.5
65 33.6 31.1 46.7
92 22.1 19.1 28.7

Manual Integrations

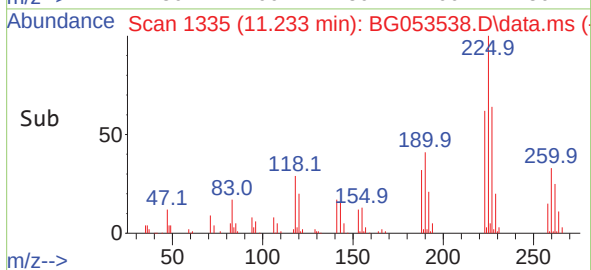
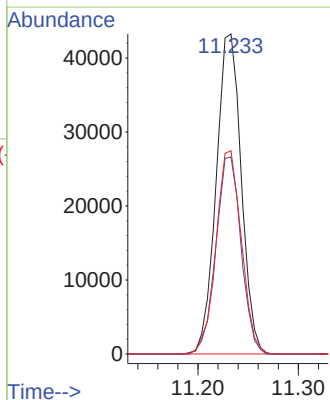
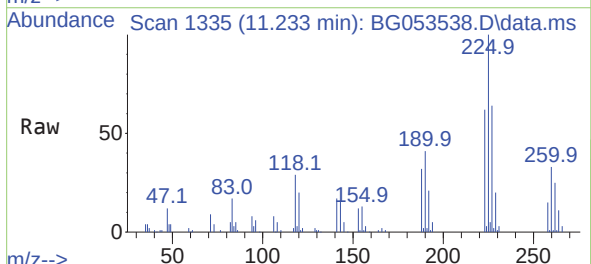
APPROVED

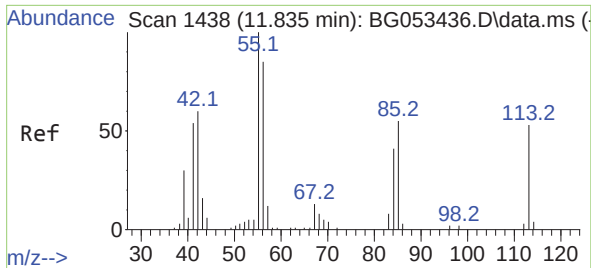
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#34
Hexachlorobutadiene
Concen: 48.464 ng
RT: 11.233 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

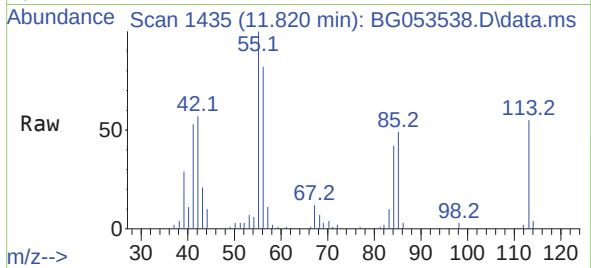
Tgt Ion:225 Resp: 75006
Ion Ratio Lower Upper
225 100
223 61.5 48.9 73.3
227 63.5 52.8 79.2





#35
Caprolactam
Concen: 49.840 ng m
RT: 11.820 min Scan# 1438
Delta R.T. -0.011 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

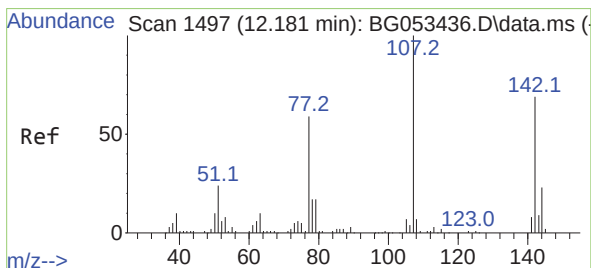
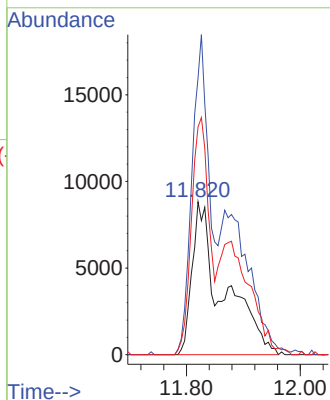
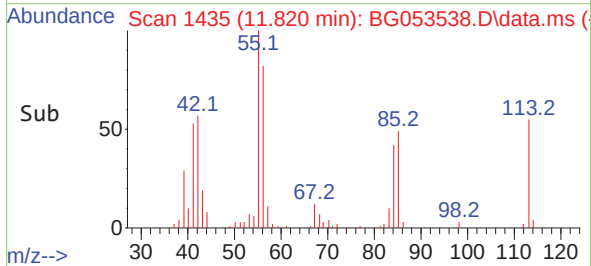
Instrument :
BNA_G
ClientSampleId :
TP-7MS



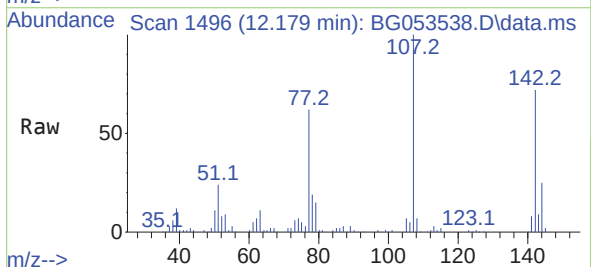
Tgt Ion:113 Resp: 3327
Ion Ratio Lower Upper
113 100
55 181.2 169.8 209.8
56 149.0 141.2 181.2

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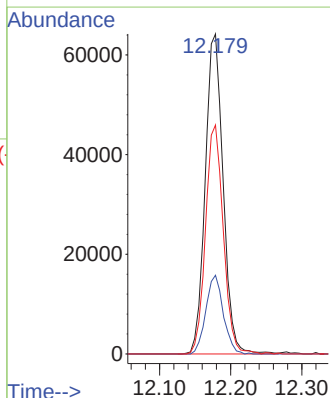
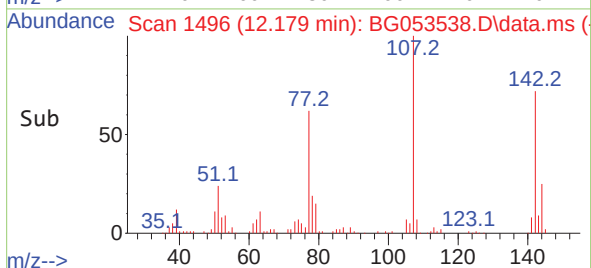
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

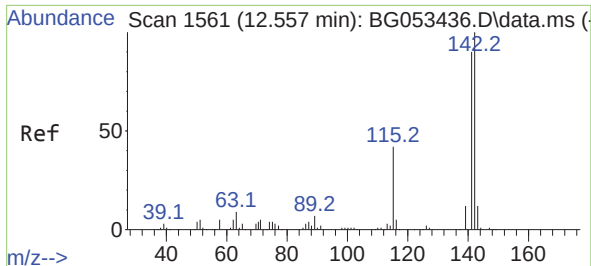


#36
4-Chloro-3-methylphenol
Concen: 51.239 ng
RT: 12.179 min Scan# 1496
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



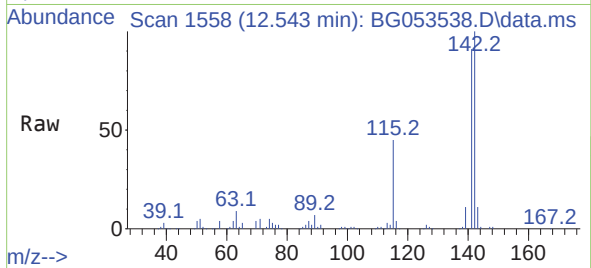
Tgt Ion:107 Resp: 112589
Ion Ratio Lower Upper
107 100
144 24.6 18.5 27.7
142 71.6 55.0 82.4





#37
2-Methylnaphthalene
Concen: 47.149 ng
RT: 12.543 min Scan# 1558
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

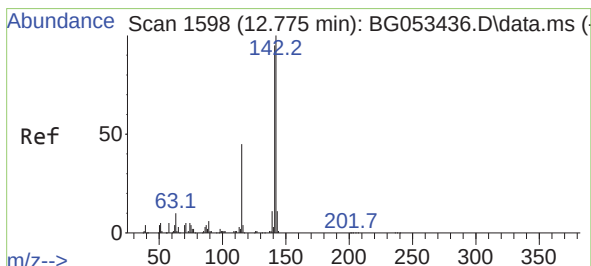
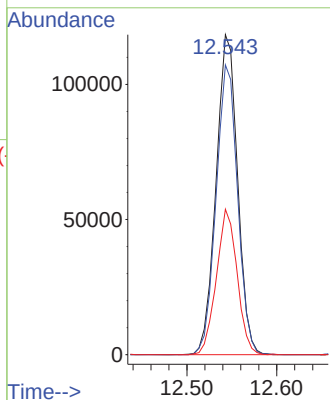
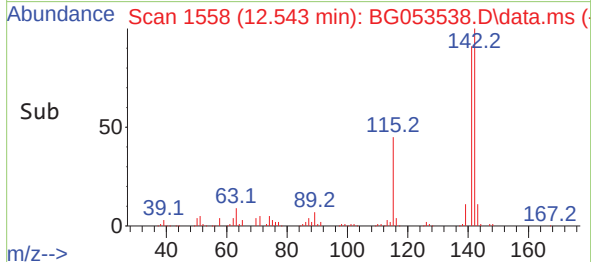
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:142 Resp: 196572
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5
115 45.4 33.7 50.5

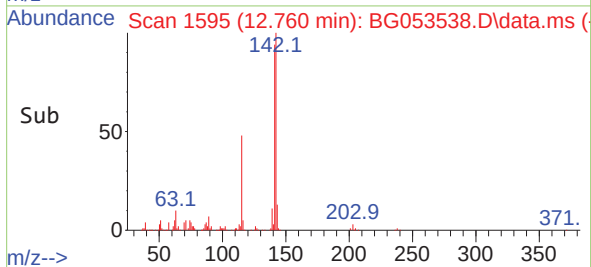
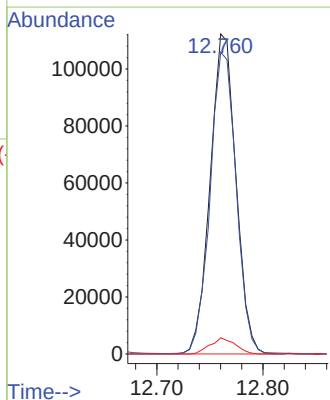
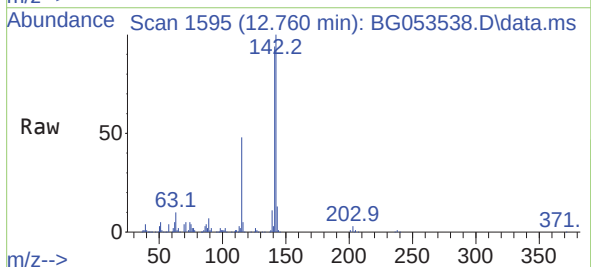
Manual Integrations
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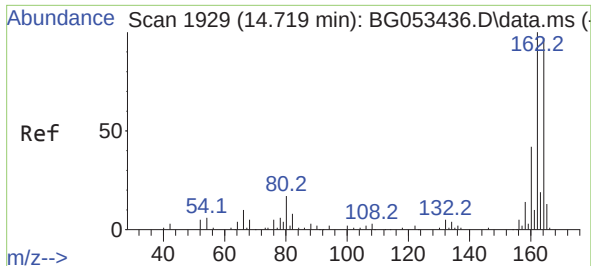
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#38
1-Methylnaphthalene
Concen: 46.536 ng m
RT: 12.760 min Scan# 1595
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:142 Resp: 189293
Ion Ratio Lower Upper
142 100
141 94.3 76.4 114.6
116 5.0 3.3 4.9#





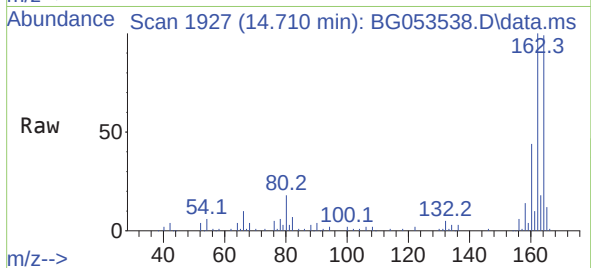
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

TP-7MS

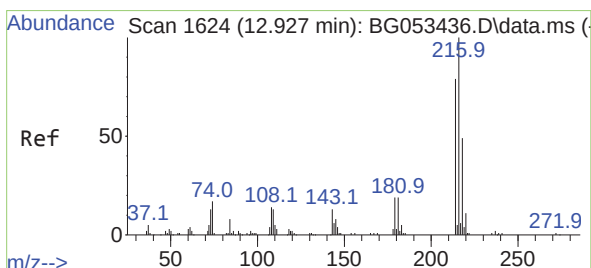
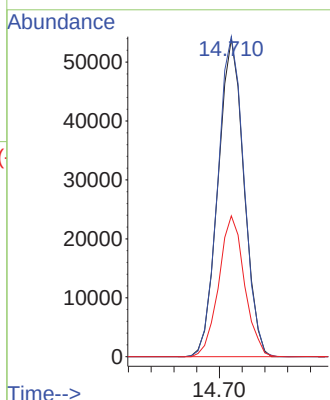
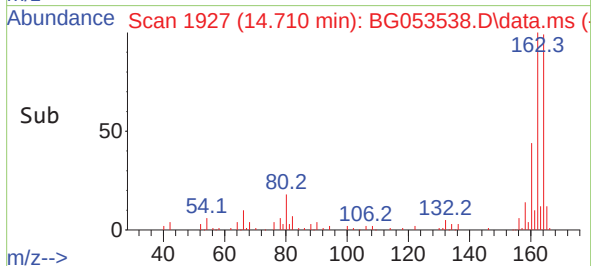


Tgt Ion:164 Resp: 85125
Ion Ratio Lower Upper
164 100
162 100.7 82.3 123.5
160 44.3 34.2 51.2

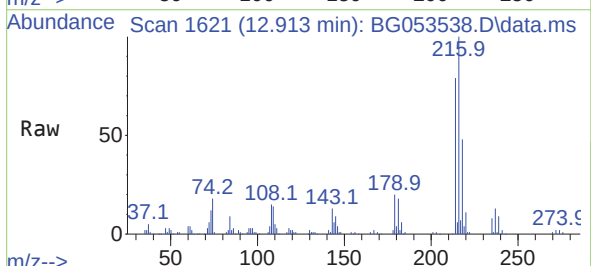
Manual Integrations

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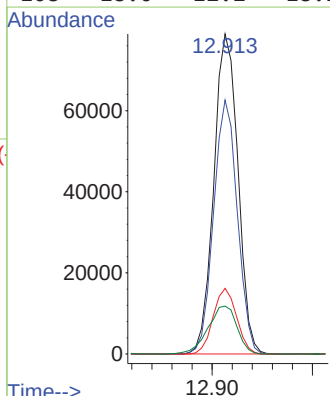
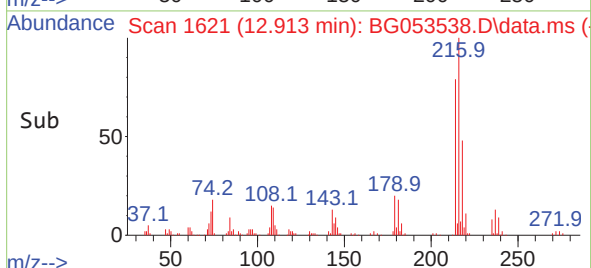
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

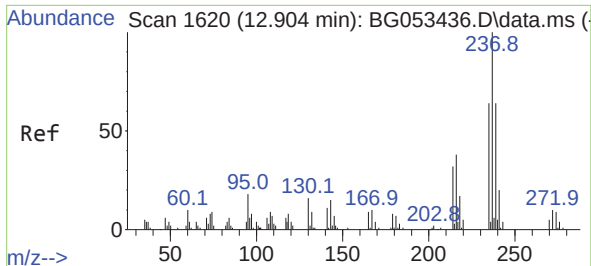


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.958 ng
RT: 12.913 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



Tgt Ion:216 Resp: 131367
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.0 16.1 24.1
108 18.0 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 104.518 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

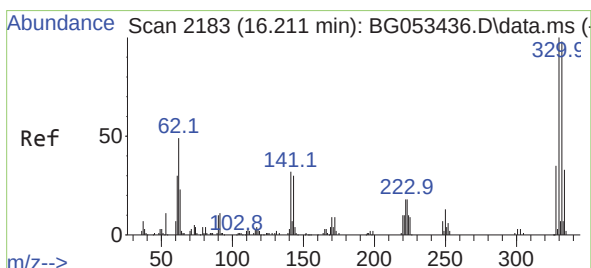
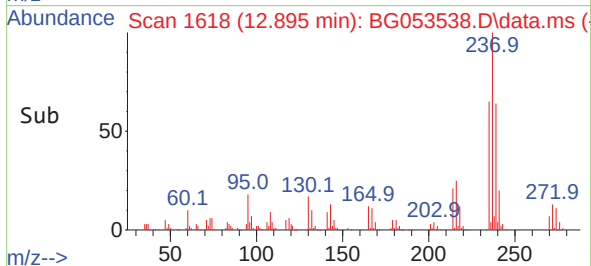
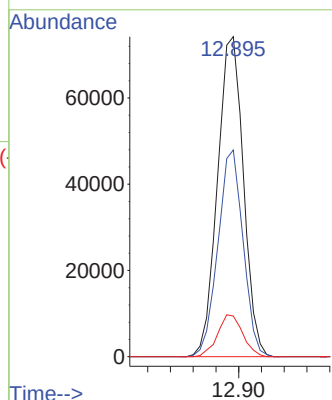
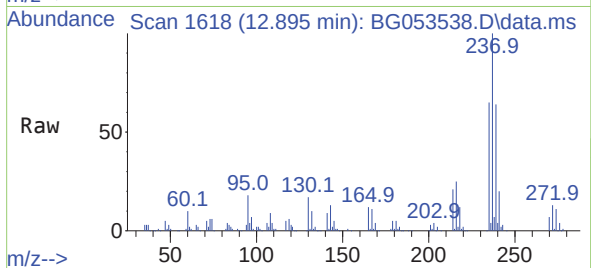
TP-7MS

Tgt Ion:237 Resp: 117560
Ion Ratio Lower Upper
237 100
235 64.6 43.5 83.5
272 12.7 0.0 30.1

Manual Integrations

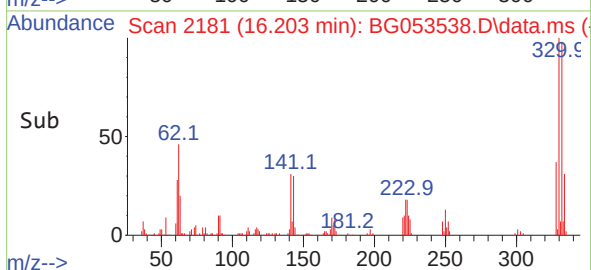
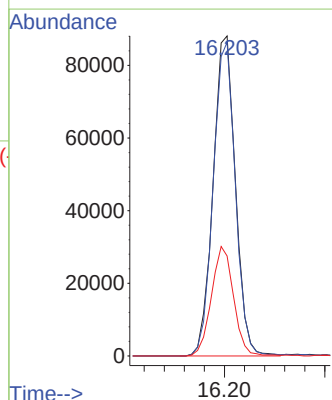
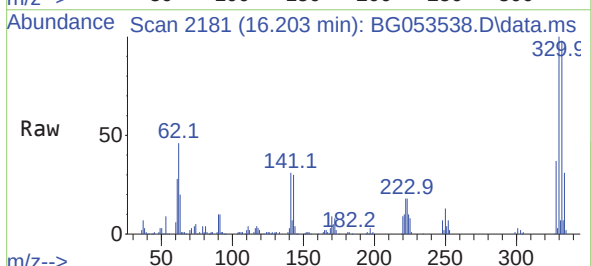
APPROVED

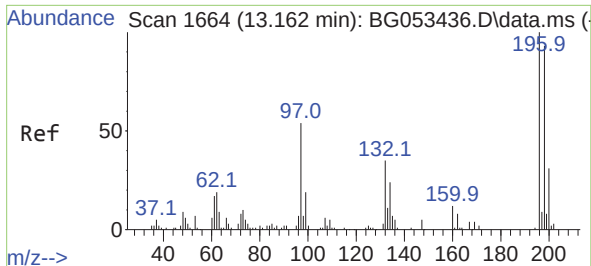
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#42
2,4,6-Tribromophenol
Concen: 108.067 ng
RT: 16.203 min Scan# 2181
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

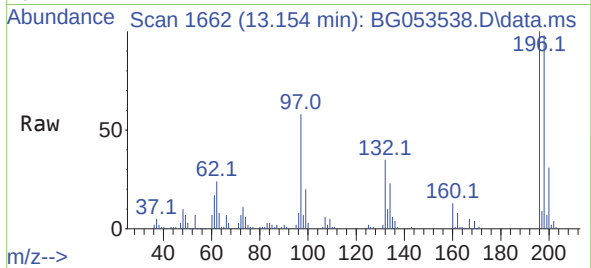
Tgt Ion:330 Resp: 135677
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 34.2 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 52.625 ng
RT: 13.154 min Scan# 1662
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

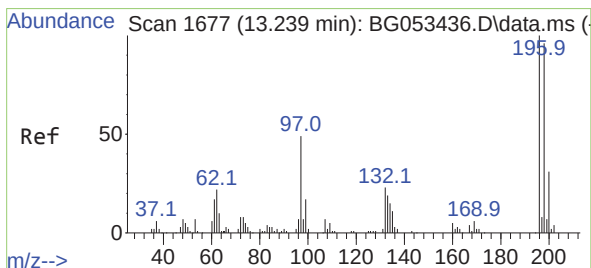
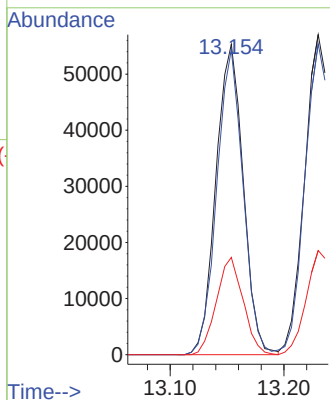
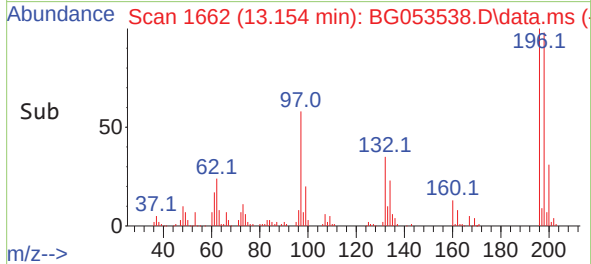
Instrument :
BNA_G
ClientSampleId :
TP-7MS



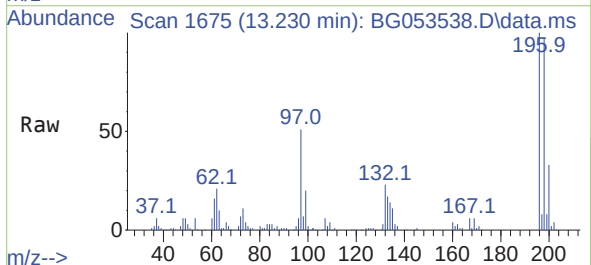
Tgt Ion:196 Resp: 9217
Ion Ratio Lower Upper
196 100
198 98.3 74.1 111.1
200 31.3 24.7 37.1

Manual Integrations
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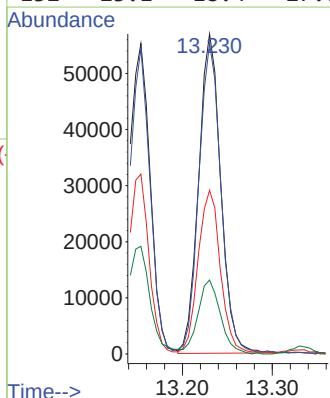
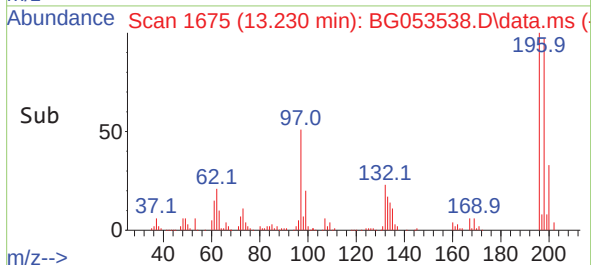
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

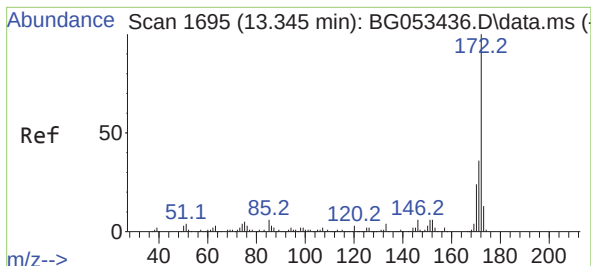


#44
2,4,5-Trichlorophenol
Concen: 52.178 ng
RT: 13.230 min Scan# 1675
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



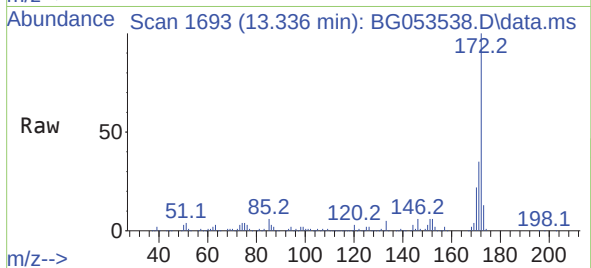
Tgt Ion:196 Resp: 97266
Ion Ratio Lower Upper
196 100
198 97.2 76.8 115.2
97 51.2 39.8 59.6
132 23.1 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 70.867 ng
RT: 13.336 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

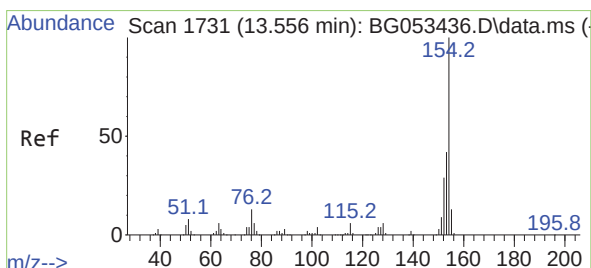
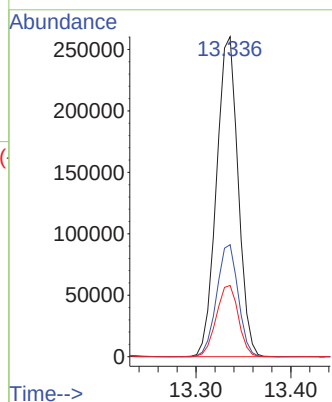
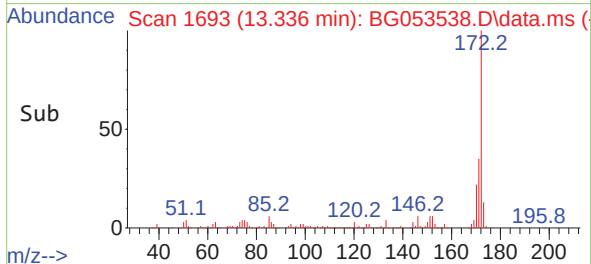
Instrument :
BNA_G
ClientSampleId :
TP-7MS



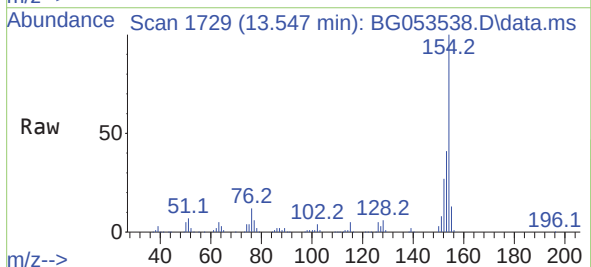
Tgt Ion:172 Resp: 412829
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.3 18.9 28.3

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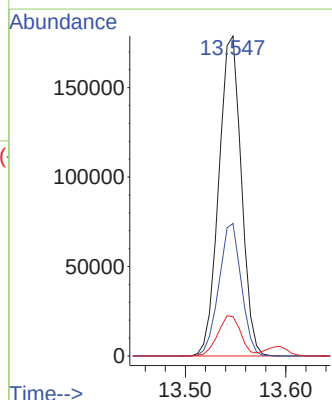
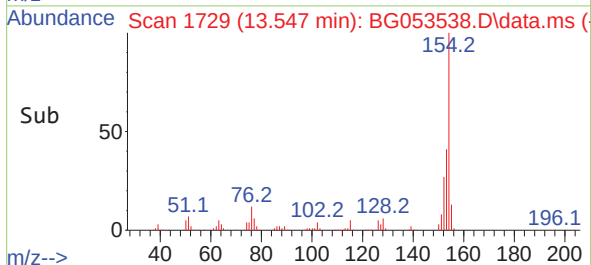
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

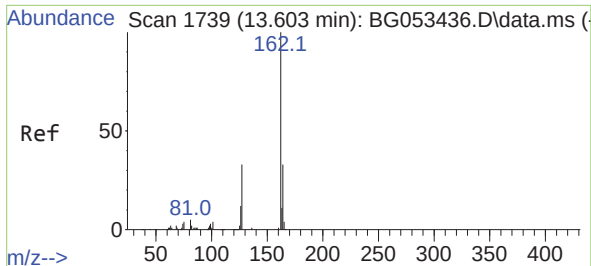


#46
1,1'-Biphenyl
Concen: 48.034 ng
RT: 13.547 min Scan# 1729
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



Tgt Ion:154 Resp: 278713
Ion Ratio Lower Upper
154 100
153 41.4 21.6 61.6
76 12.3 0.0 32.6





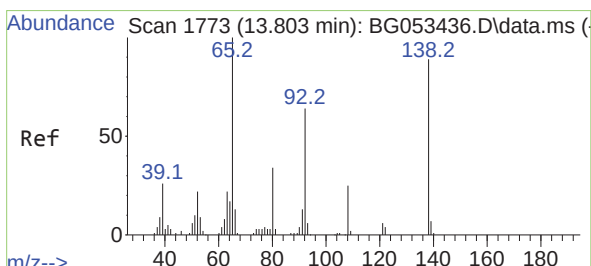
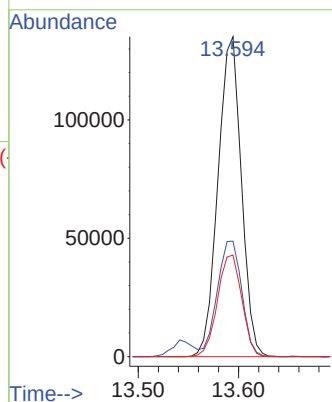
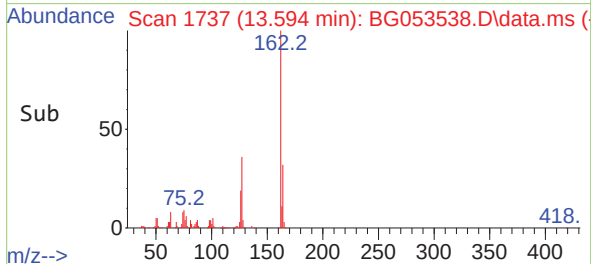
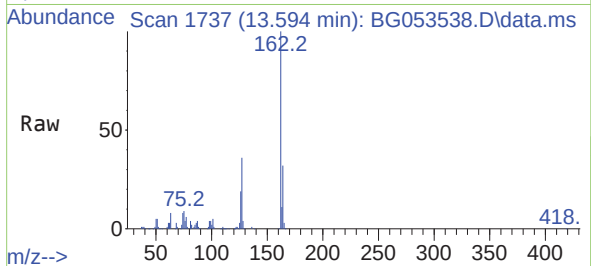
#47
2-Chloronaphthalene
Concen: 48.002 ng
RT: 13.594 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:162 Resp: 21822
Ion Ratio Lower Upper
162 100
127 36.1 30.6 45.8
164 31.8 26.5 39.7

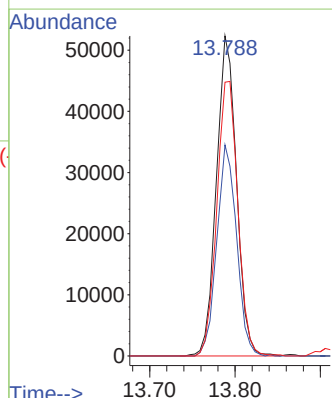
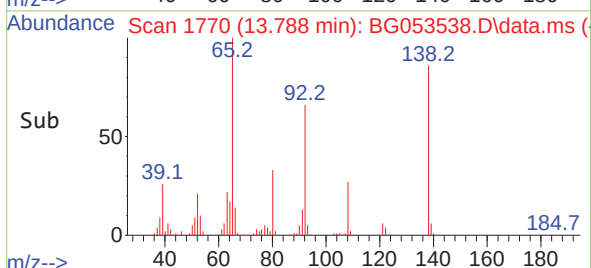
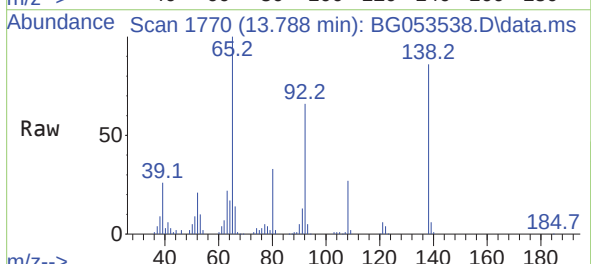
Manual Integrations
APPROVED

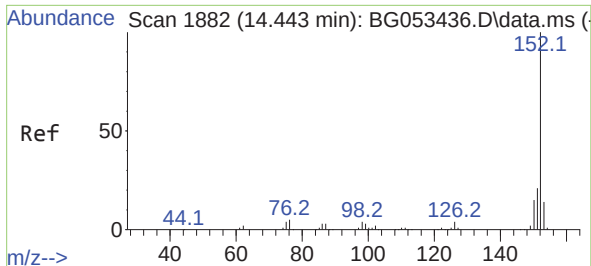
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#48
2-Nitroaniline
Concen: 50.530 ng
RT: 13.788 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion: 65 Resp: 85595
Ion Ratio Lower Upper
65 100
92 65.9 51.5 77.3
138 85.5 71.3 106.9





#49
Acenaphthylene
Concen: 51.597 ng
RT: 14.434 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

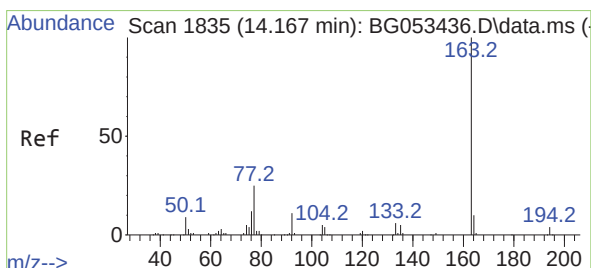
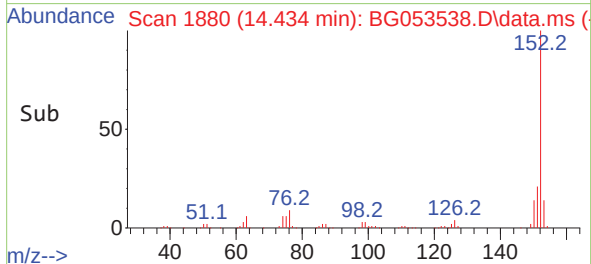
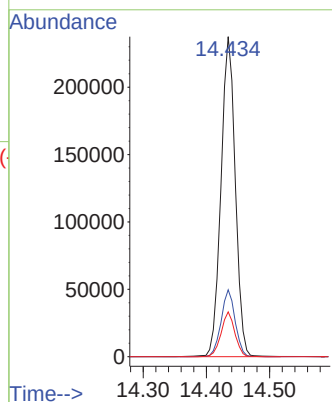
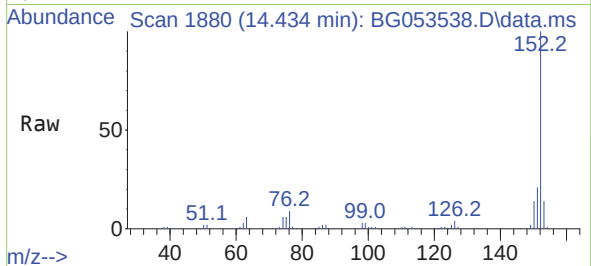
TP-7MS

Tgt Ion:152 Resp: 374299
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 14.0 10.8 16.2

Manual Integrations

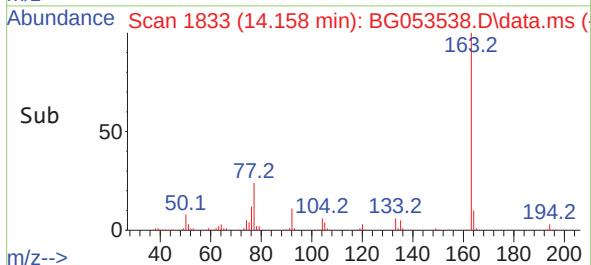
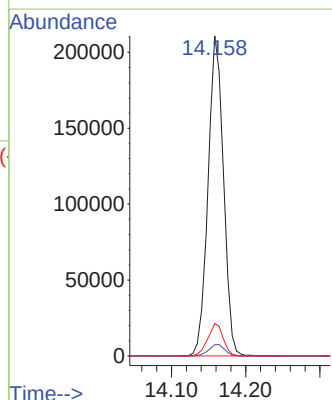
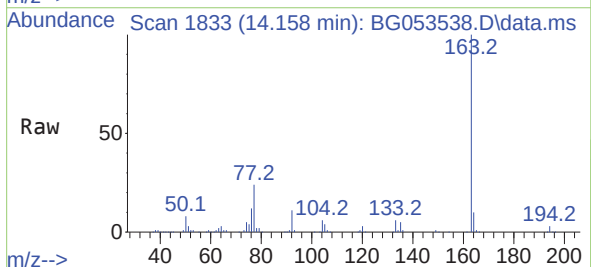
APPROVED

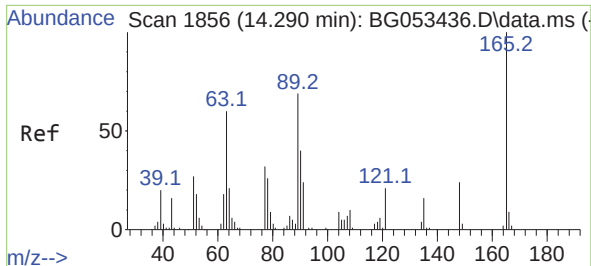
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#50
Dimethylphthalate
Concen: 47.058 ng
RT: 14.158 min Scan# 1833
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

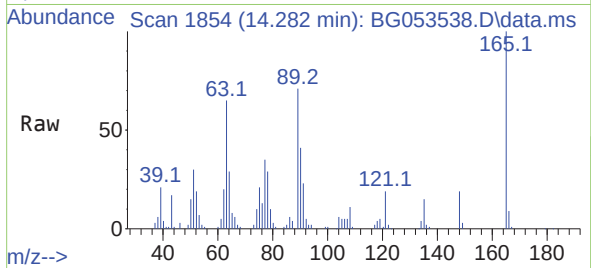
Tgt Ion:163 Resp: 304404
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 50.260 ng
RT: 14.282 min Scan# 1854
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

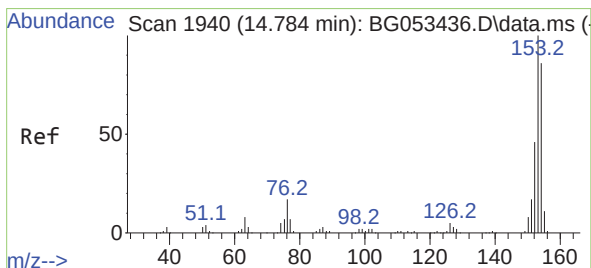
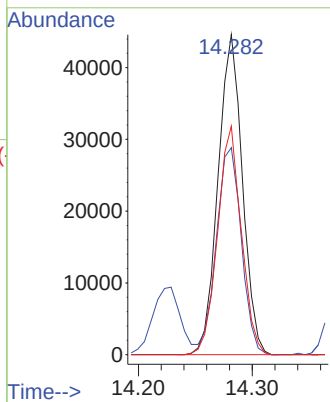
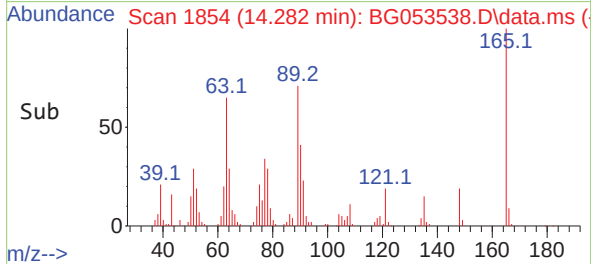
Instrument :
BNA_G
ClientSampleId :
TP-7MS



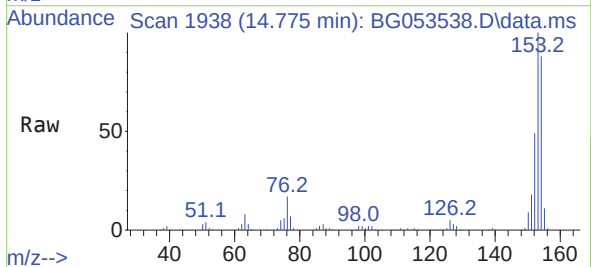
Tgt Ion:165 Resp: 6623
Ion Ratio Lower Upper
165 100
63 64.7 54.1 81.1
89 71.4 54.8 82.2

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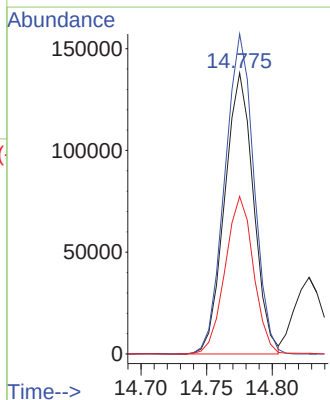
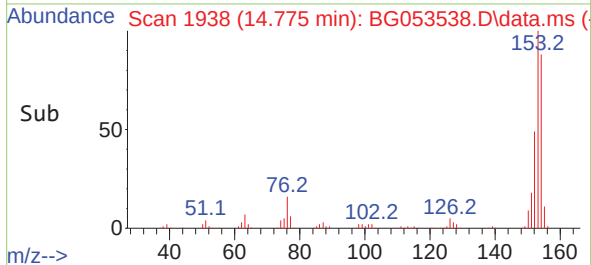
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

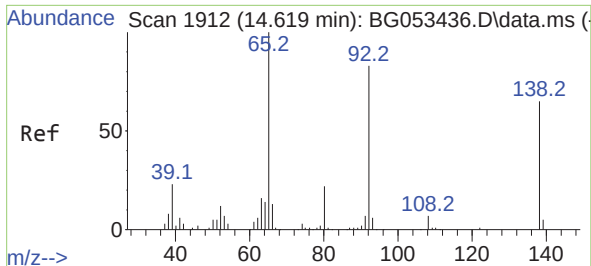


#52
Acenaphthene
Concen: 48.792 ng
RT: 14.775 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



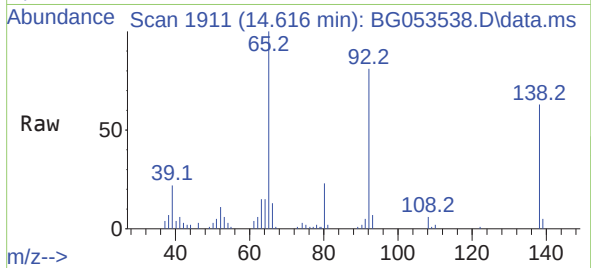
Tgt Ion:154 Resp: 210939
Ion Ratio Lower Upper
154 100
153 113.9 92.7 139.1
152 56.0 42.6 64.0





#53
3-Nitroaniline
Concen: 20.164 ng
RT: 14.616 min Scan# 1912
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

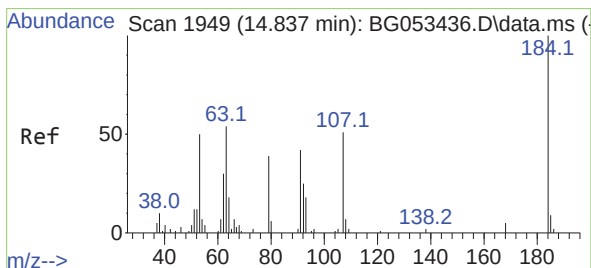
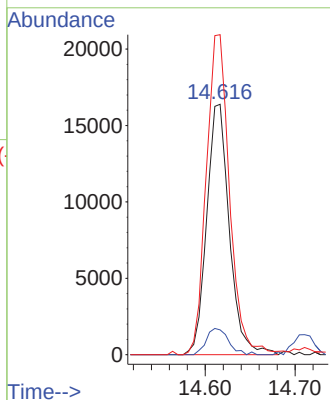
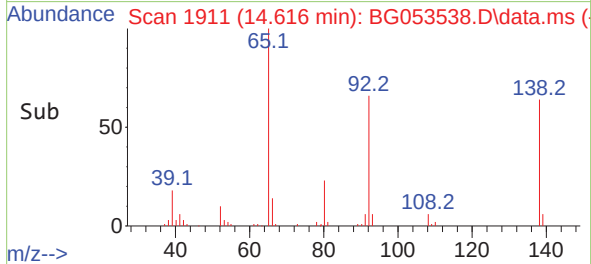
Instrument :
BNA_G
ClientSampleId :
TP-7MS



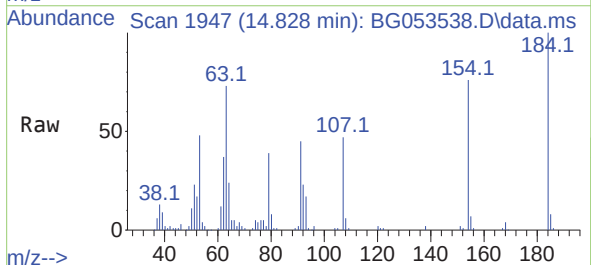
Tgt Ion:138 Resp: 2871
Ion Ratio Lower Upper
138 100
108 9.9 9.2 13.8
92 127.8 101.9 152.9

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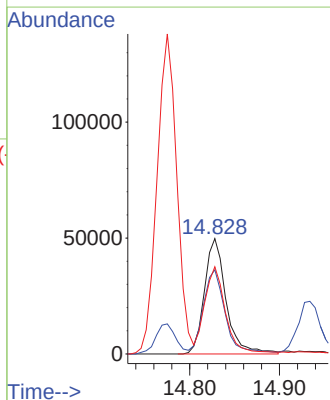
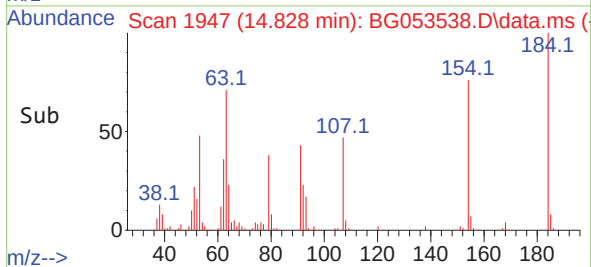
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

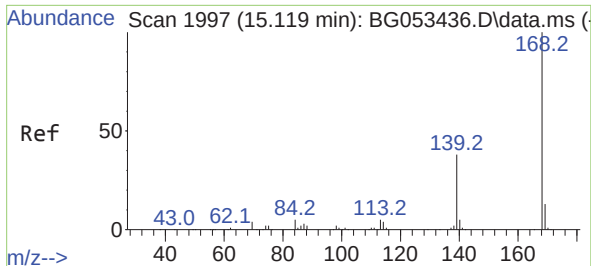


#54
2,4-Dinitrophenol
Concen: 98.223 ng
RT: 14.828 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



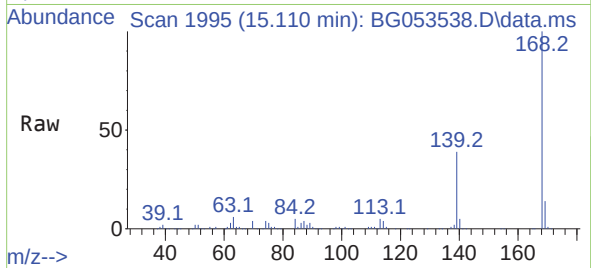
Tgt Ion:184 Resp: 83459
Ion Ratio Lower Upper
184 100
63 73.0 61.1 91.7
154 75.6 60.6 91.0





#55
Dibenzofuran
Concen: 46.595 ng
RT: 15.110 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

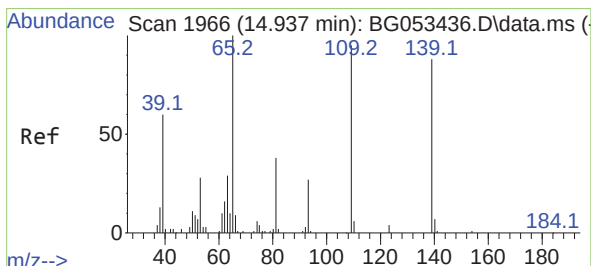
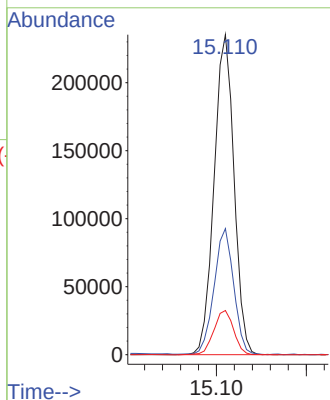
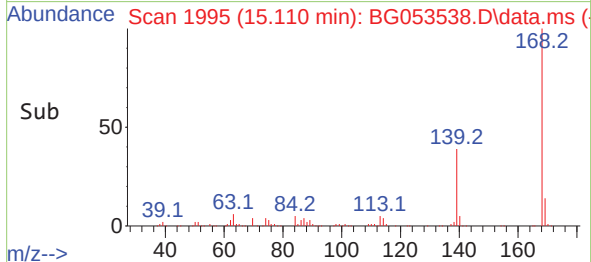
Instrument :
BNA_G
ClientSampleId :
TP-7MS



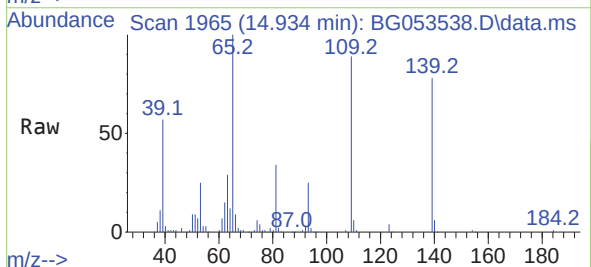
Tgt Ion:168 Resp: 361824
Ion Ratio Lower Upper
168 100
139 39.4 30.5 45.7
169 13.8 10.3 15.5

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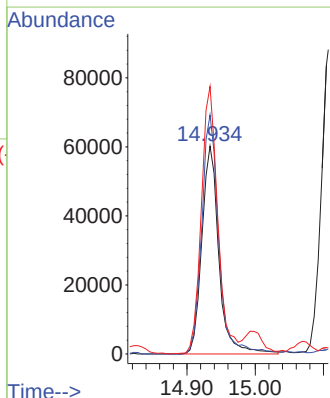
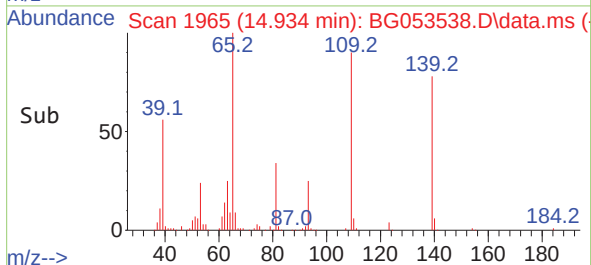
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

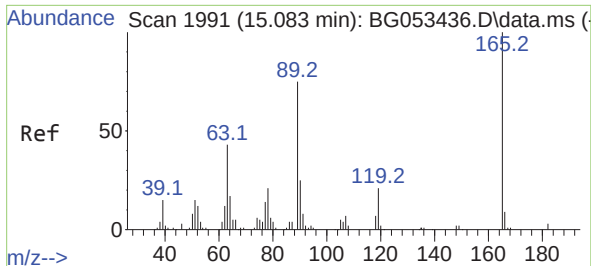


#56
4-Nitrophenol
Concen: 102.747 ng
RT: 14.934 min Scan# 1965
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



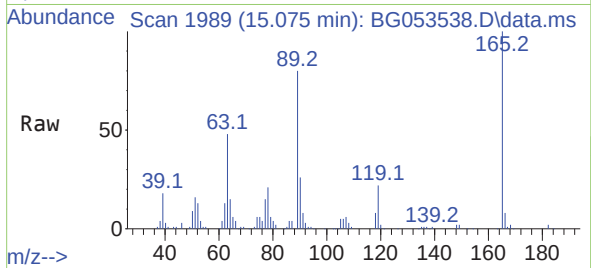
Tgt Ion:139 Resp: 104500
Ion Ratio Lower Upper
139 100
109 115.0 88.5 128.5
65 128.7 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 49.618 ng
RT: 15.075 min Scan# 1991
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

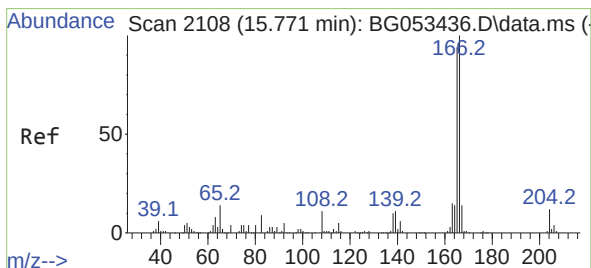
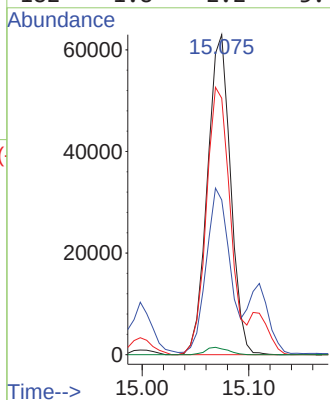
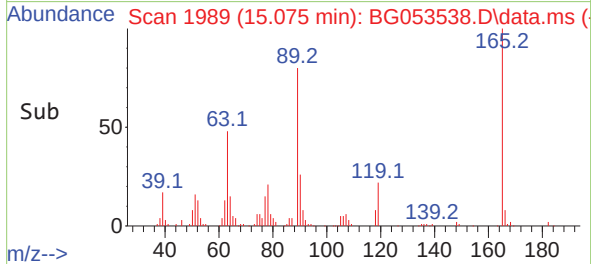
Instrument :
BNA_G
ClientSampleId :
TP-7MS



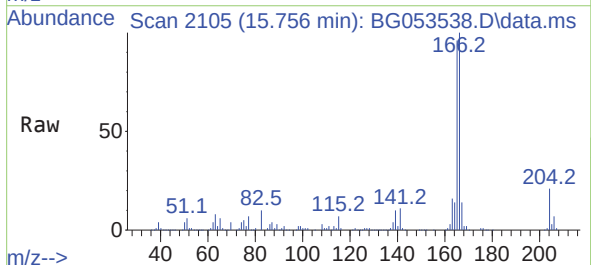
Tgt Ion:165 Resp: 94785
Ion Ratio Lower Upper
165 100
63 48.4 34.6 52.0
89 80.1 60.3 90.5
182 1.8 2.2 3.4#

Manual Integrations
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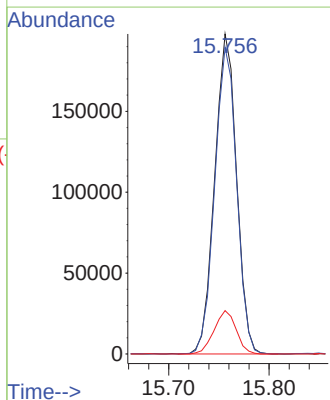
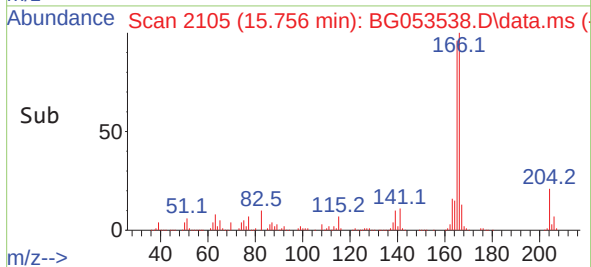
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

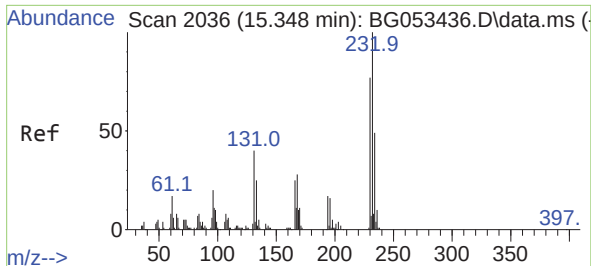


#58
Fluorene
Concen: 47.970 ng
RT: 15.756 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



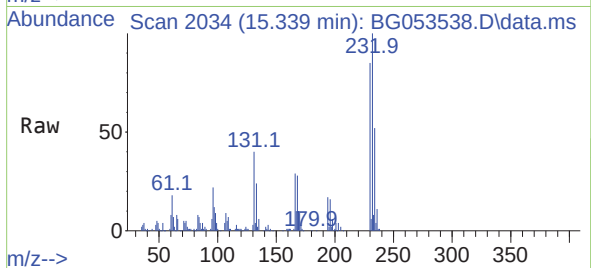
Tgt Ion:166 Resp: 298929
Ion Ratio Lower Upper
166 100
165 95.8 75.0 112.6
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.718 ng
RT: 15.339 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

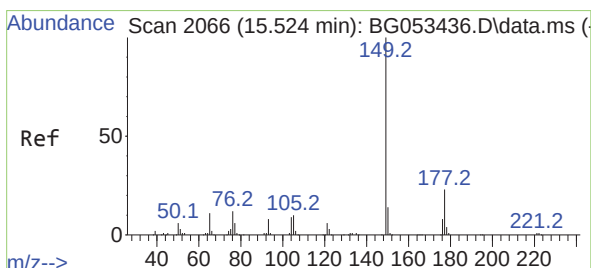
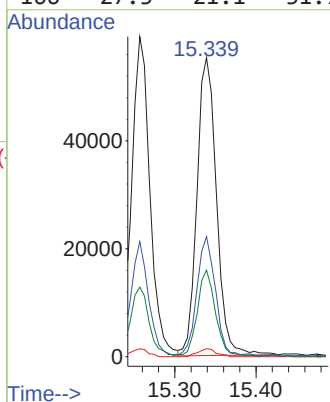
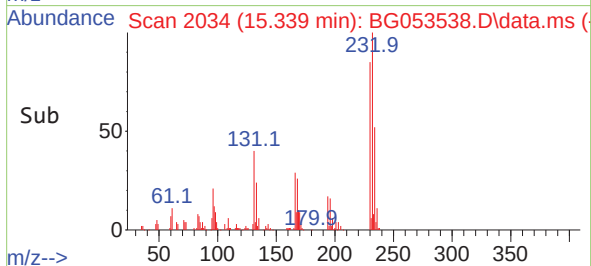
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:232 Resp: 9214
Ion Ratio Lower Upper
232 100
131 38.1 30.6 46.0
130 2.5 1.8 2.8
166 27.3 21.1 31.7

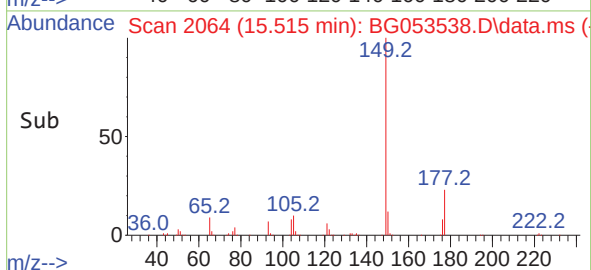
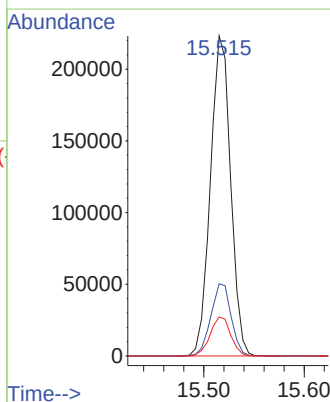
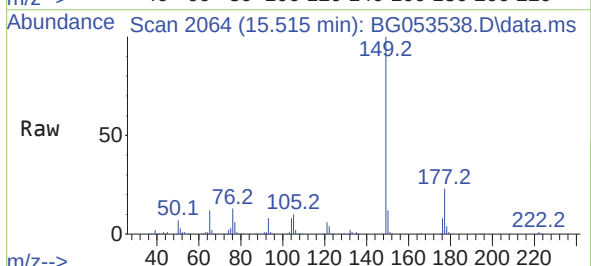
Manual Integrations
APPROVED

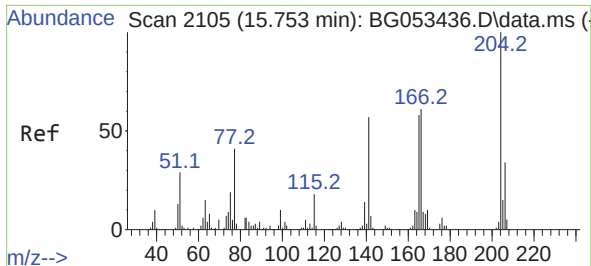
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#60
Diethylphthalate
Concen: 46.660 ng
RT: 15.515 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:149 Resp: 311782
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.2 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 47.388 ng
RT: 15.744 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

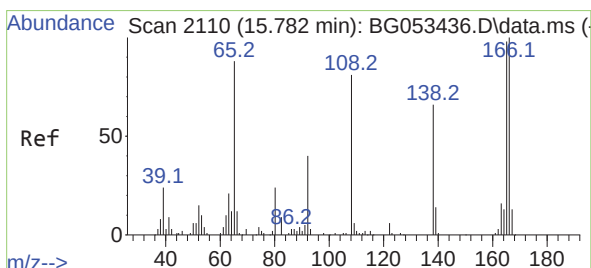
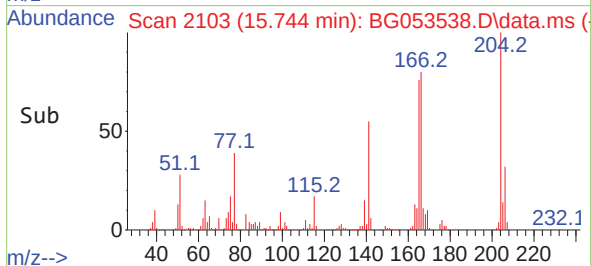
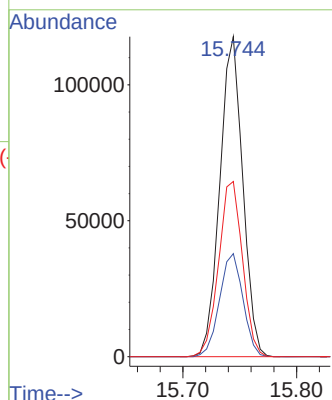
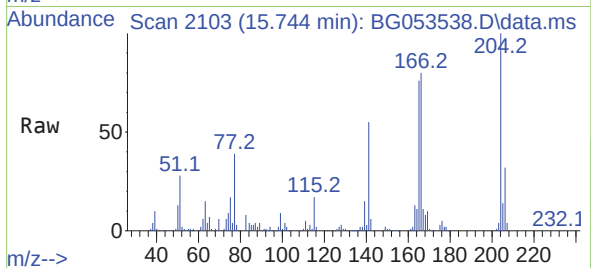
TP-7MS

Tgt Ion:204 Resp: 16478
Ion Ratio Lower Upper
204 100
206 32.2 27.5 41.3
141 54.7 45.3 67.9

Manual Integrations

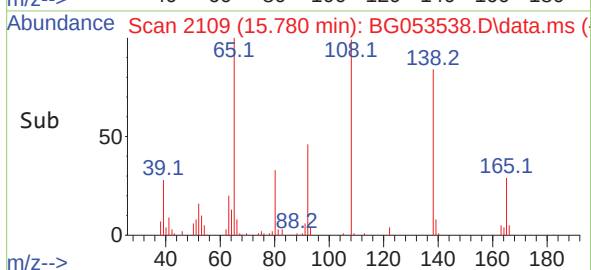
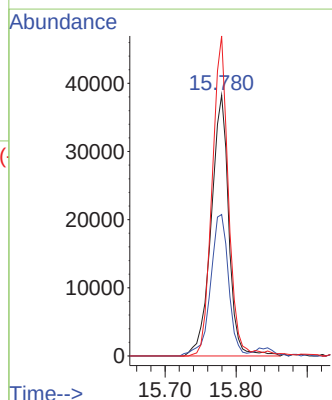
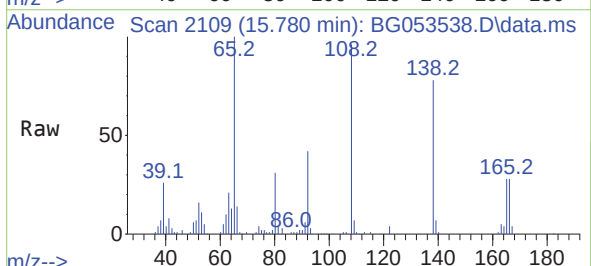
APPROVED

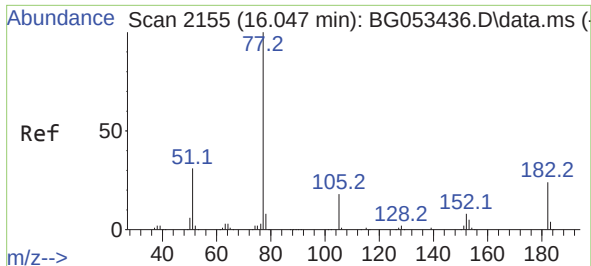
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#62
4-Nitroaniline
Concen: 44.636 ng
RT: 15.780 min Scan# 2109
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:138 Resp: 65924
Ion Ratio Lower Upper
138 100
92 54.2 40.5 80.5
108 122.7 103.7 143.7





#63
Azobenzene
Concen: 46.275 ng
RT: 16.038 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

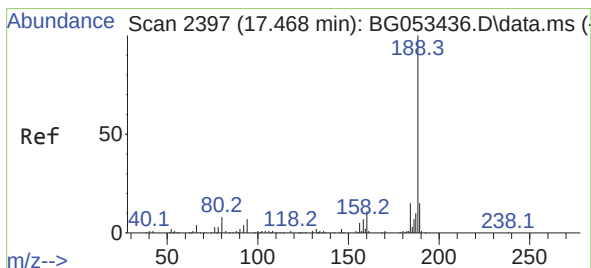
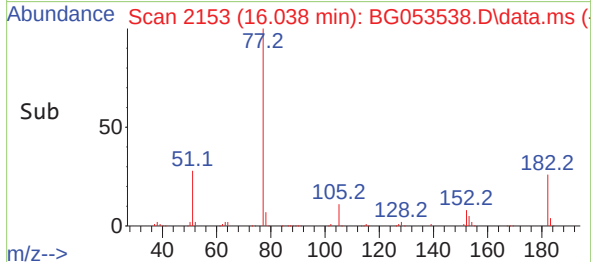
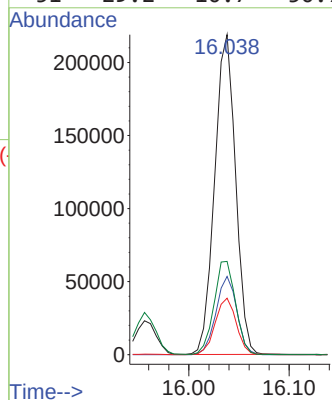
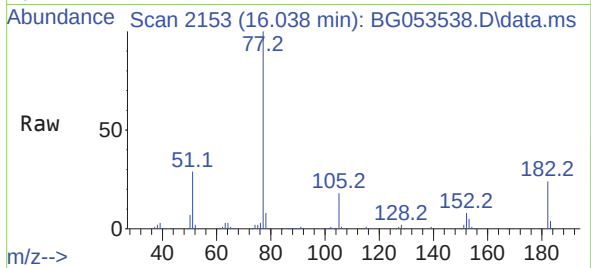
TP-7MS

Tgt Ion: 77 Resp: 316634
Ion Ratio Lower Upper
77 100
182 24.4 3.8 43.8
105 17.6 0.0 37.8
51 29.2 10.7 50.7

Manual Integrations

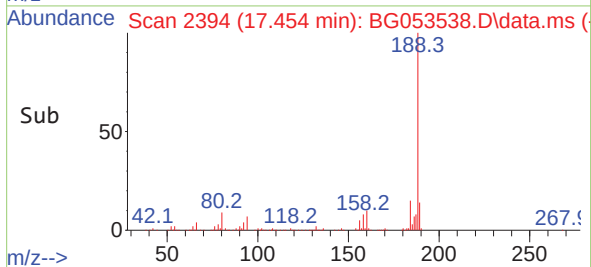
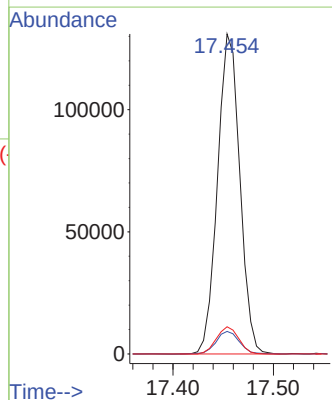
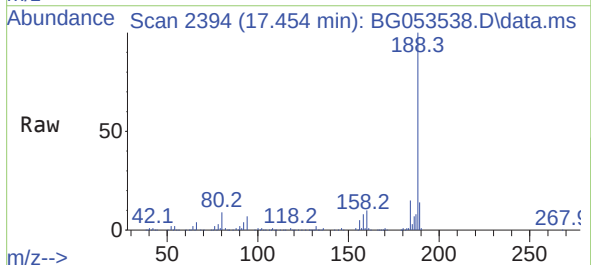
APPROVED

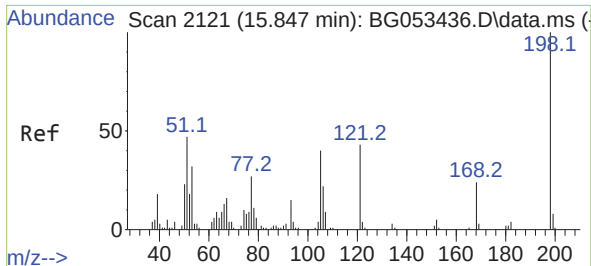
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:188 Resp: 201832
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.5 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.295 ng
RT: 15.838 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

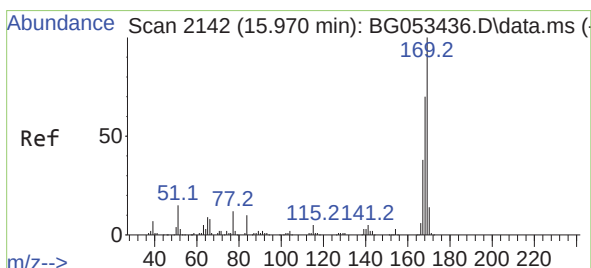
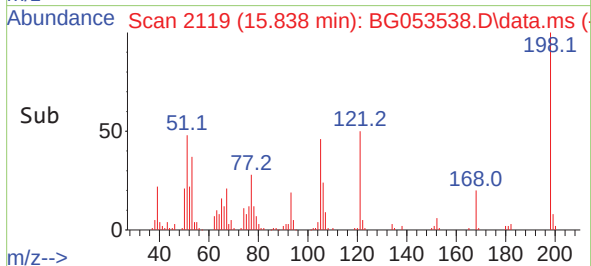
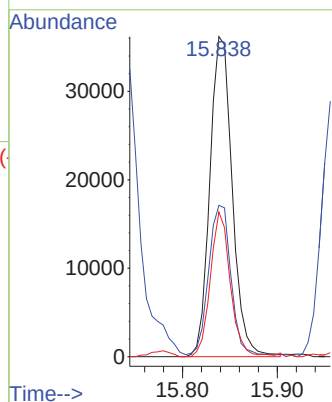
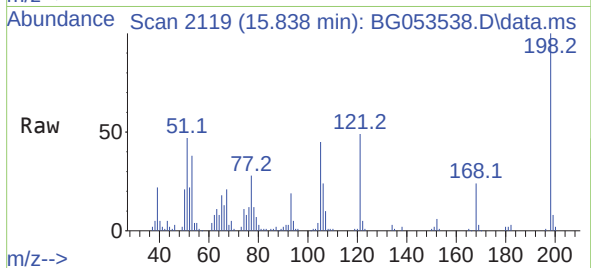
TP-7MS

Tgt Ion:198 Resp: 5928
Ion Ratio Lower Upper
198 100
51 47.3 28.1 68.1
105 45.2 20.3 60.3

Manual Integrations

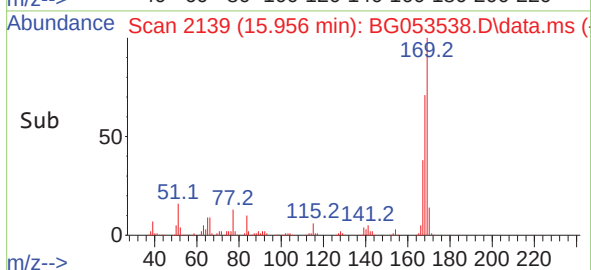
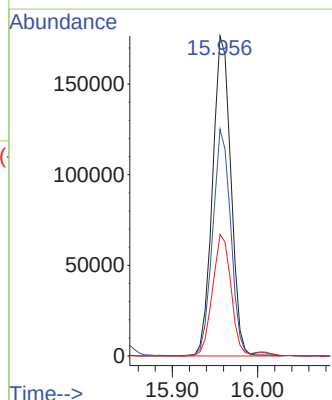
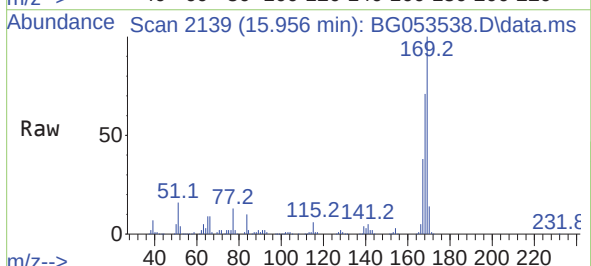
APPROVED

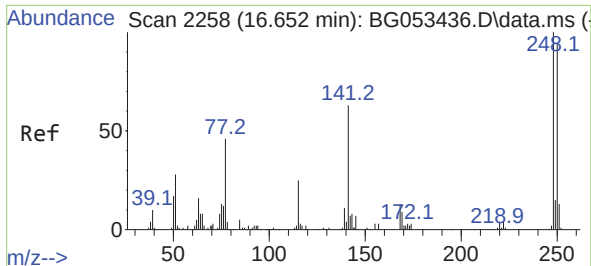
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#66
n-Nitrosodiphenylamine
Concen: 49.707 ng
RT: 15.956 min Scan# 2139
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:169 Resp: 263405
Ion Ratio Lower Upper
169 100
168 70.9 55.9 83.9
167 37.9 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 49.562 ng
RT: 16.637 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :

BNA_G

ClientSampleId :

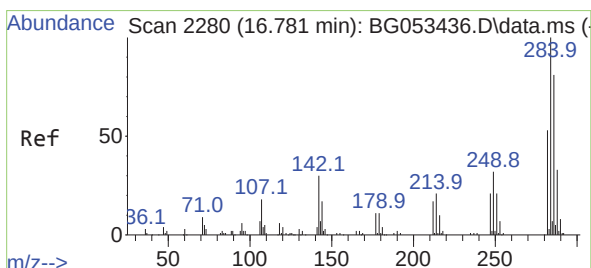
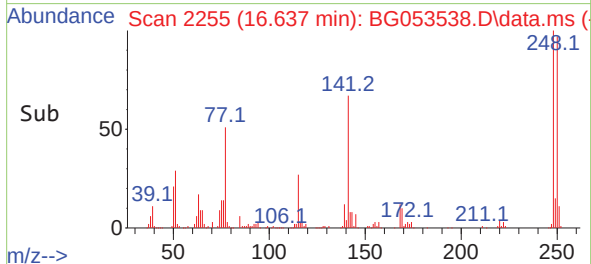
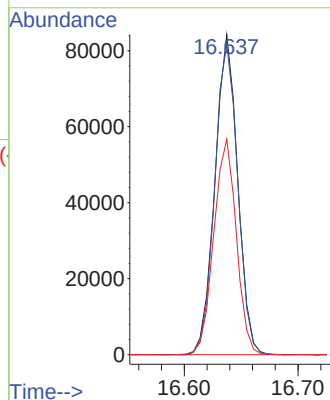
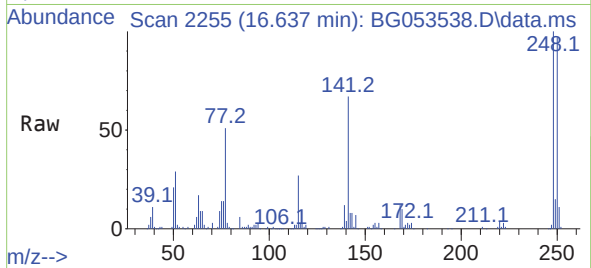
TP-7MS

Tgt Ion:248 Resp: 116820
Ion Ratio Lower Upper
248 100
250 97.0 75.2 112.8
141 67.3 50.0 75.0

Manual Integrations

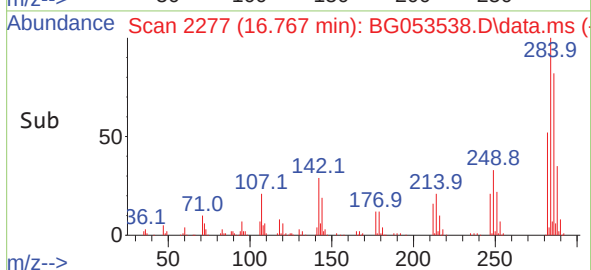
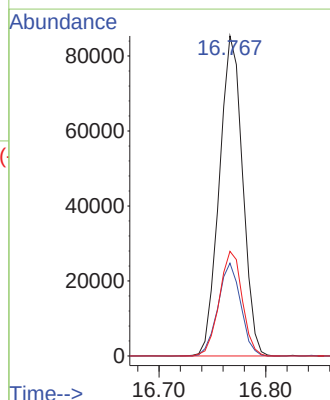
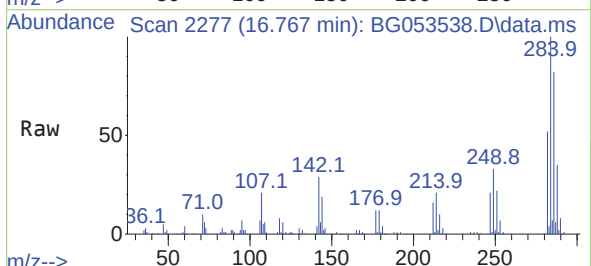
APPROVED

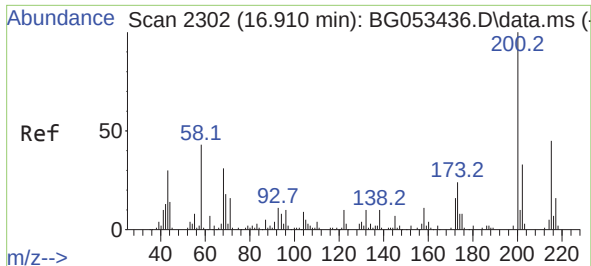
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#68
Hexachlorobenzene
Concen: 50.105 ng
RT: 16.767 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:284 Resp: 129347
Ion Ratio Lower Upper
284 100
142 29.0 23.6 35.4
249 32.7 25.8 38.6





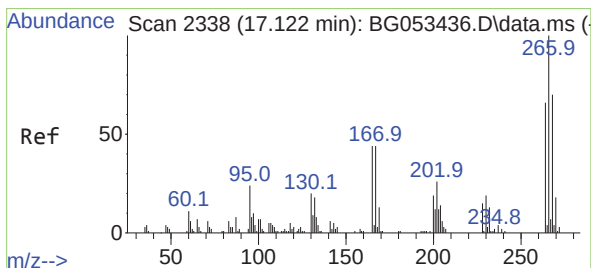
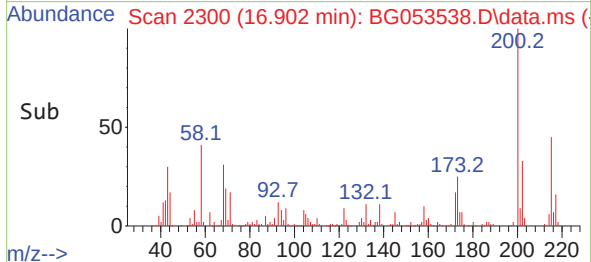
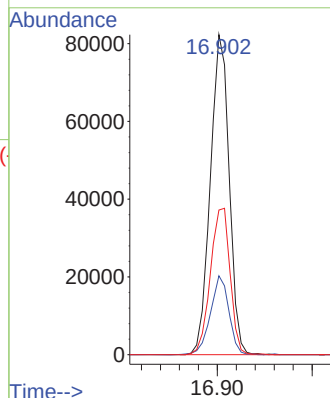
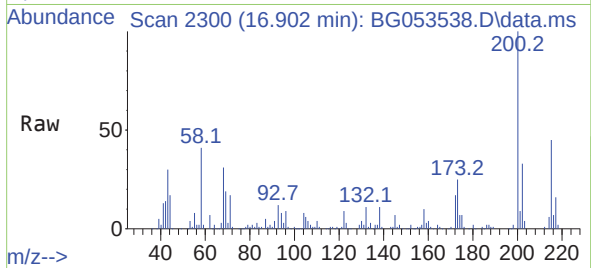
#69
Atrazine
Concen: 50.837 ng
RT: 16.902 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:200 Resp: 113409
Ion Ratio Lower Upper
200 100
173 24.6 3.7 43.7
215 45.2 25.2 65.2

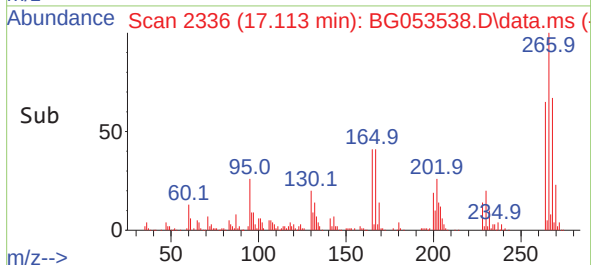
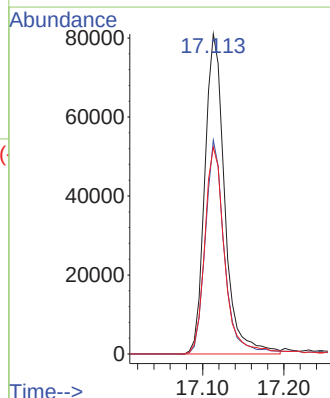
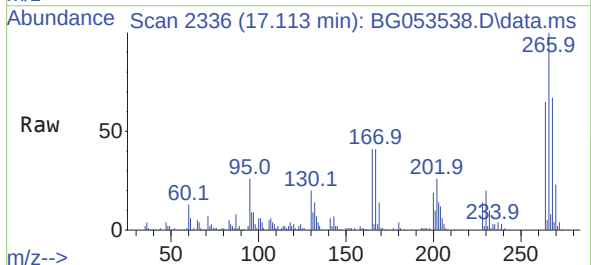
Manual Integrations
APPROVED

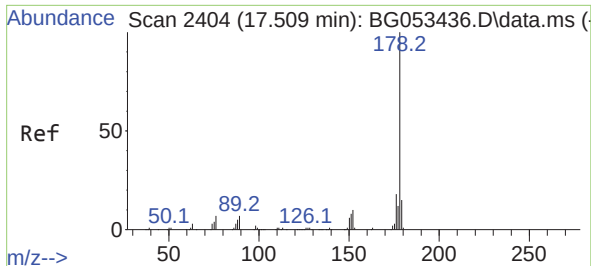
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#70
Pentachlorophenol
Concen: 97.764 ng
RT: 17.113 min Scan# 2336
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

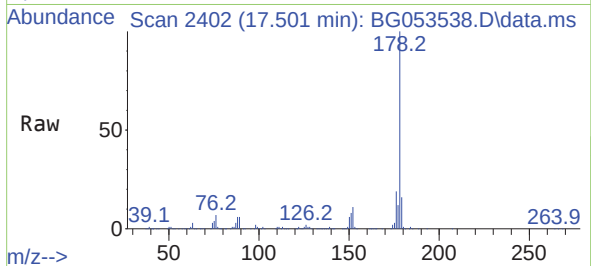
Tgt Ion:266 Resp: 137439
Ion Ratio Lower Upper
266 100
268 66.8 56.2 84.2
264 64.6 53.0 79.4





#71
Phenanthrene
Concen: 53.269 ng
RT: 17.501 min Scan# 2402
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

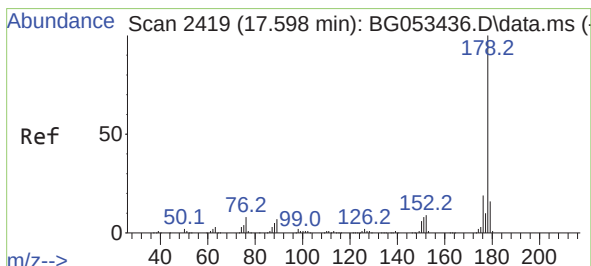
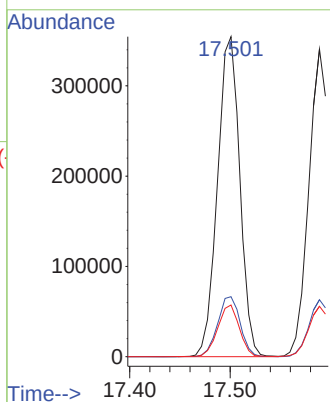
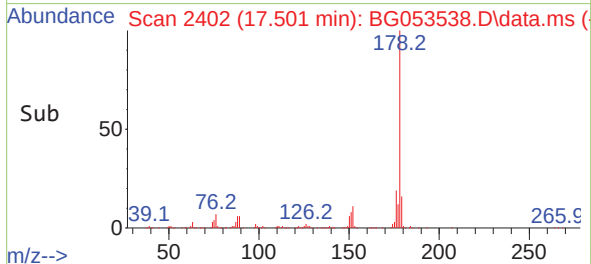
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:178 Resp: 54668
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 16.1 12.1 18.1

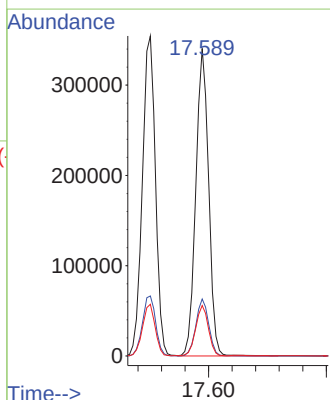
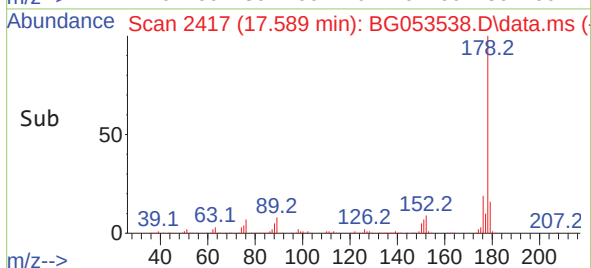
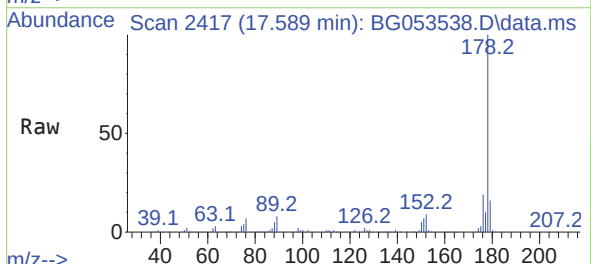
Manual Integrations
APPROVED

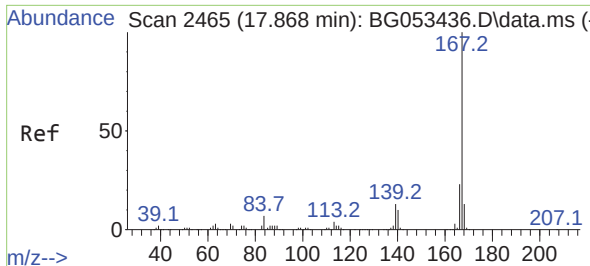
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#72
Anthracene
Concen: 51.065 ng
RT: 17.589 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

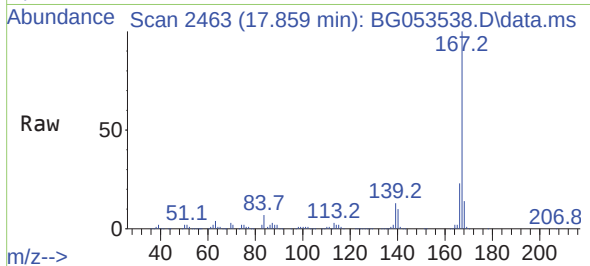
Tgt Ion:178 Resp: 515112
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 16.4 13.0 19.4





#73
 Carbazole
 Concen: 46.924 ng
 RT: 17.859 min Scan# 2463
 Delta R.T. 0.001 min
 Lab File: BG053538.D
 Acq: 13 May 2022 11:44

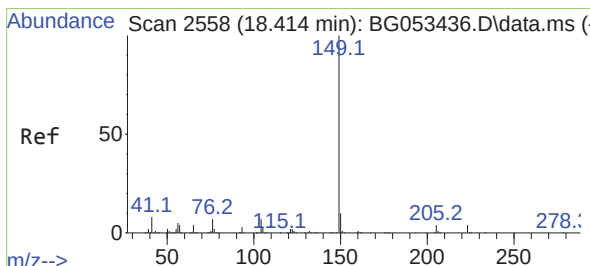
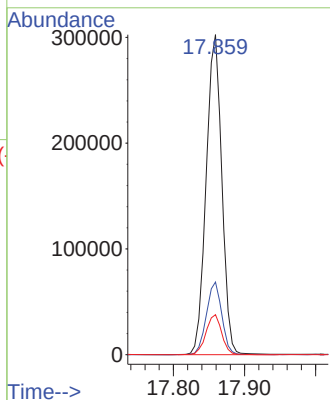
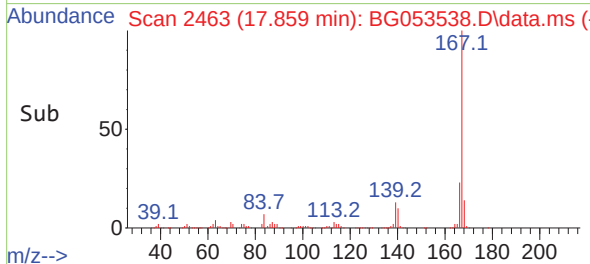
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS



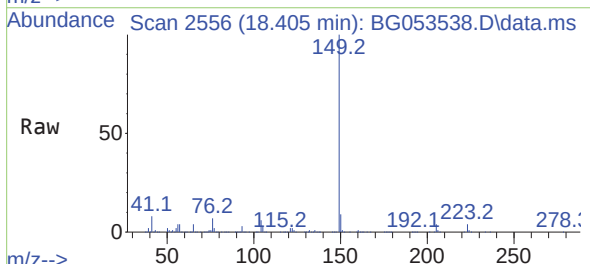
Tgt Ion:167 Resp: 46390
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.5 10.1 15.1

Manual Integrations
 APPROVED

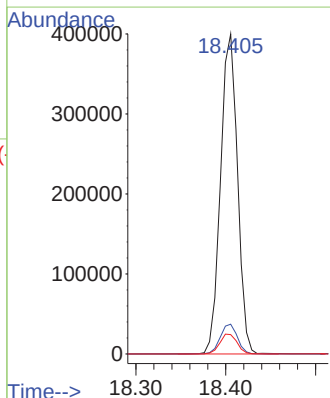
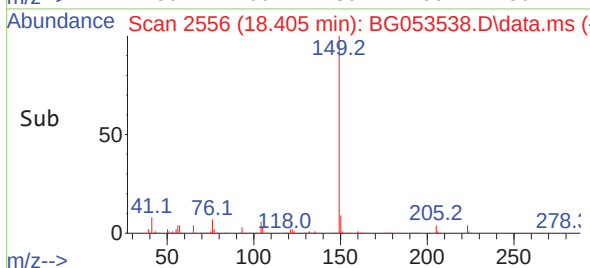
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022

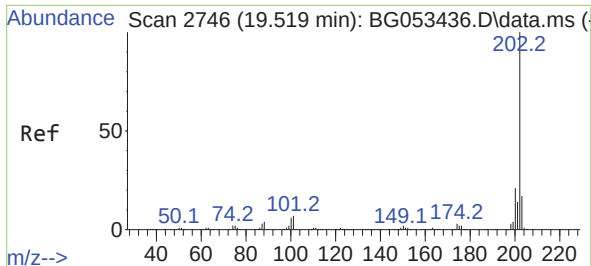


#74
 Di-n-butylphthalate
 Concen: 47.179 ng
 RT: 18.405 min Scan# 2556
 Delta R.T. 0.001 min
 Lab File: BG053538.D
 Acq: 13 May 2022 11:44



Tgt Ion:149 Resp: 524572
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 6.1 5.4 8.0





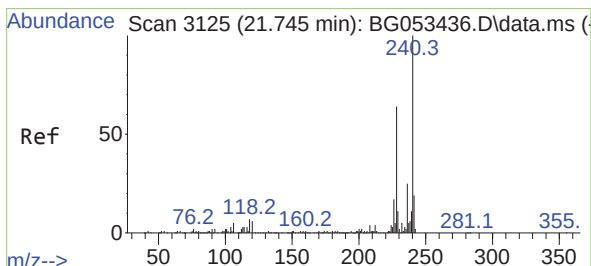
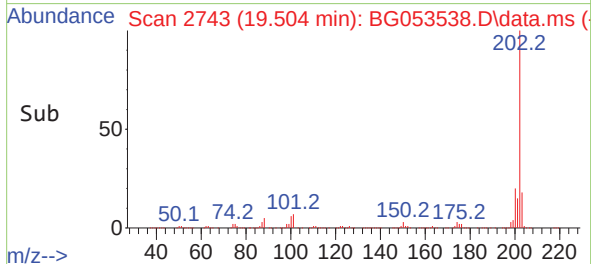
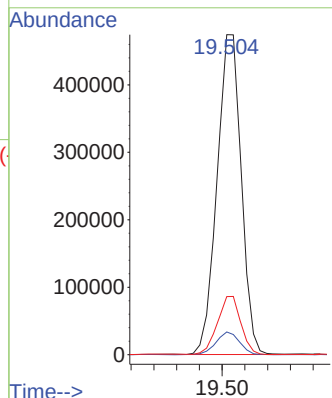
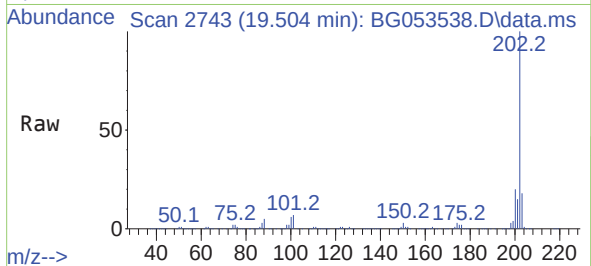
#75
Fluoranthene
Concen: 52.762 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:202 Resp: 70112
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.9
203 18.1 0.0 37.2

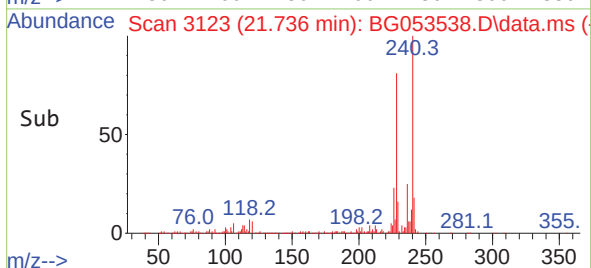
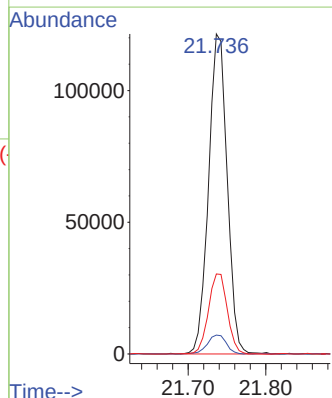
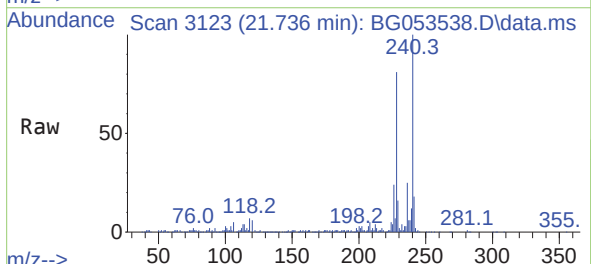
Manual Integrations
APPROVED

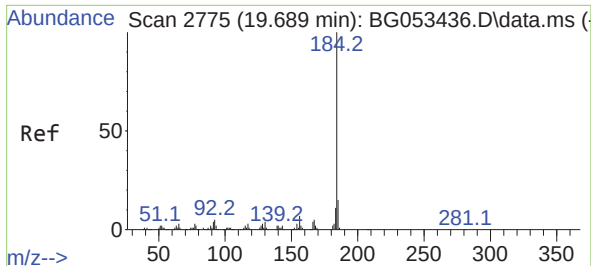
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:240 Resp: 202390
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.0 20.2 30.4





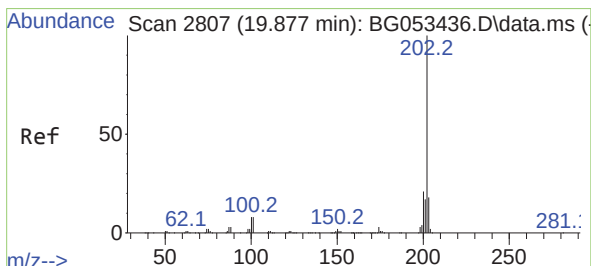
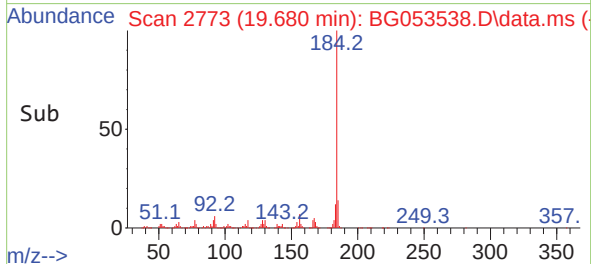
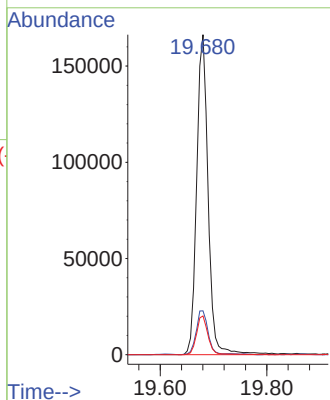
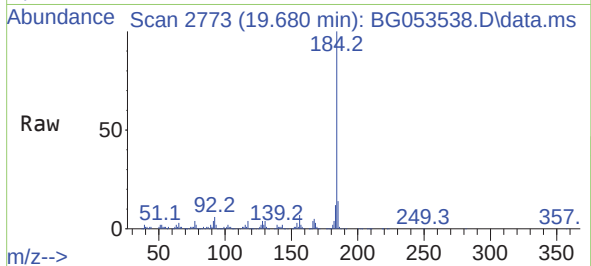
#77
Benzidine
Concen: 56.960 ng
RT: 19.680 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:184 Resp: 248475
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 12.1 8.9 13.3

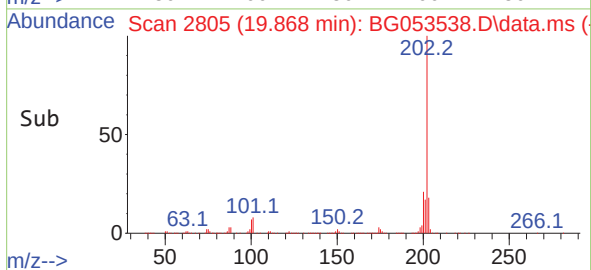
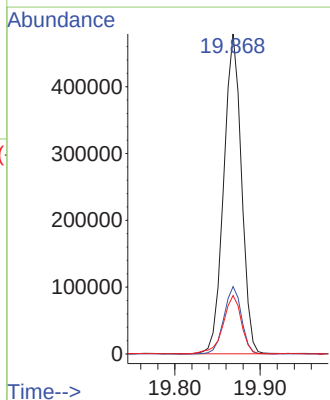
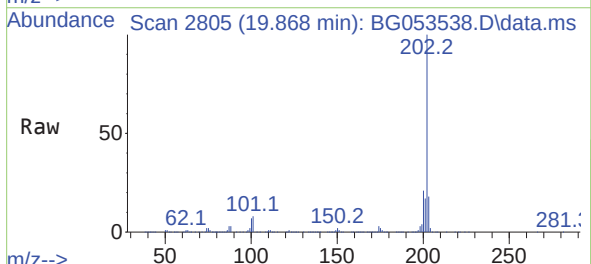
Manual Integrations
APPROVED

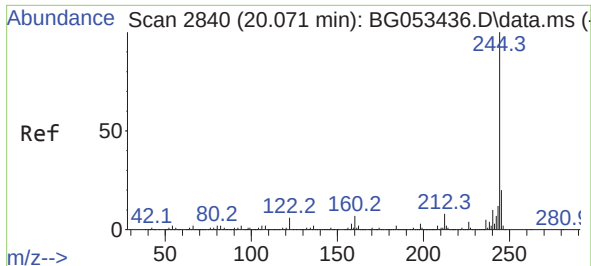
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#78
Pyrene
Concen: 52.889 ng
RT: 19.868 min Scan# 2805
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

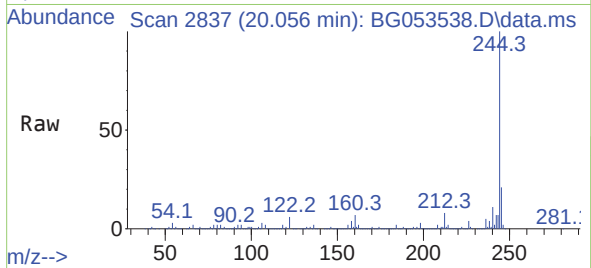
Tgt Ion:202 Resp: 692935
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 18.2 14.6 21.8





#79
Terphenyl-d14
Concen: 69.758 ng
RT: 20.056 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

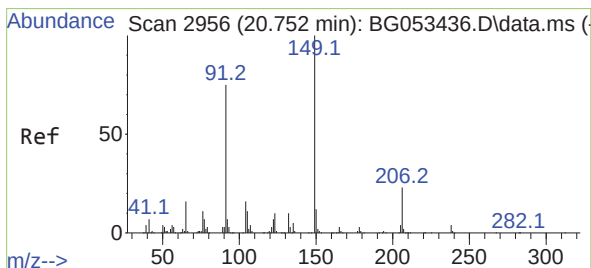
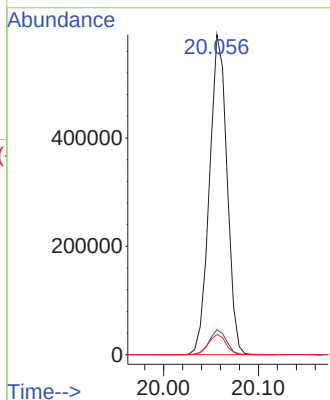
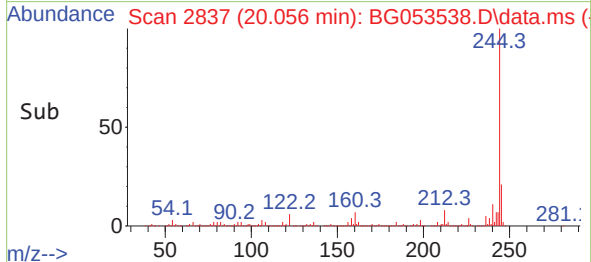
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:244 Resp: 75804
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 6.3 5.0 7.4

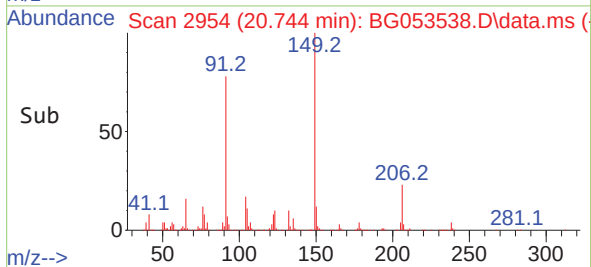
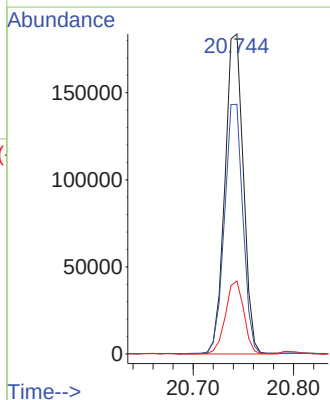
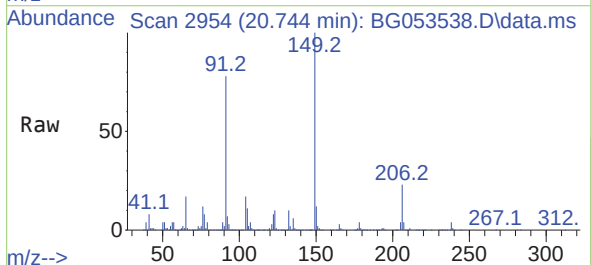
Manual Integrations
APPROVED

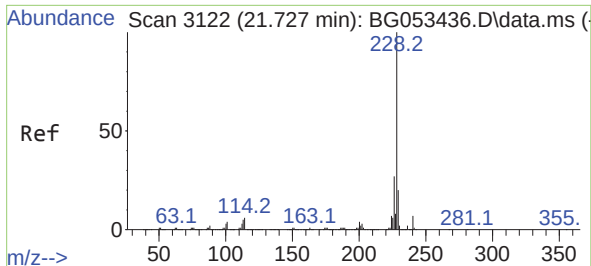
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#80
Butylbenzylphthalate
Concen: 48.689 ng
RT: 20.744 min Scan# 2954
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

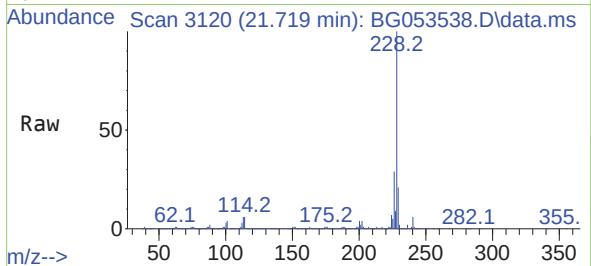
Tgt Ion:149 Resp: 233920
Ion Ratio Lower Upper
149 100
91 78.0 59.6 89.4
206 22.8 18.6 28.0





#81
Benzo(a)anthracene
Concen: 52.867 ng
RT: 21.719 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

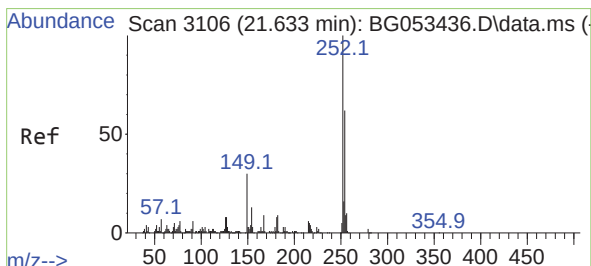
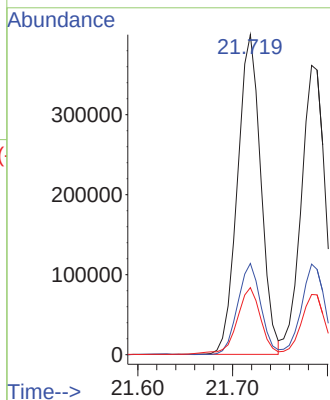
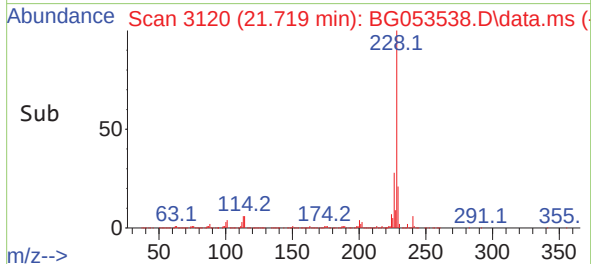
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:228 Resp: 68245
Ion Ratio Lower Upper
228 100
226 28.5 21.6 32.4
229 21.0 16.2 24.2

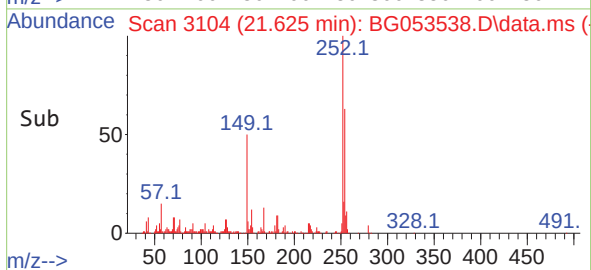
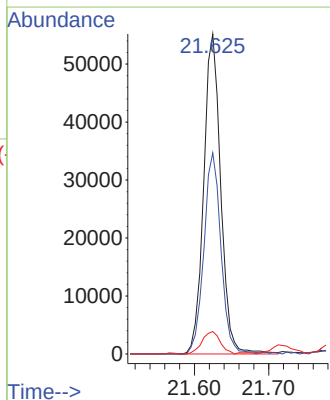
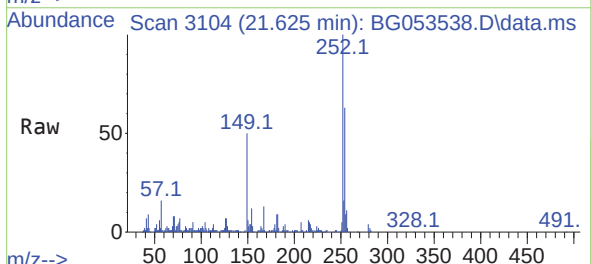
Manual Integrations
APPROVED

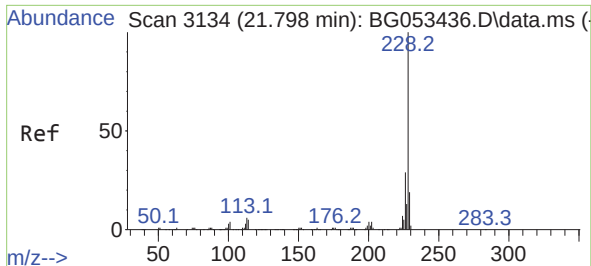
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 26.986 ng
RT: 21.625 min Scan# 3104
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

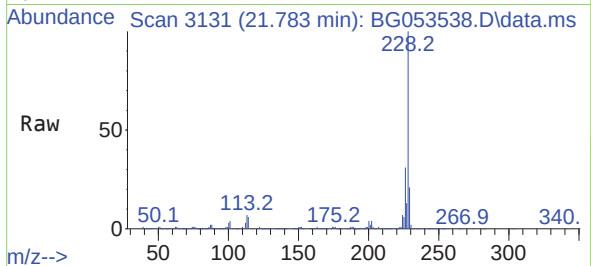
Tgt Ion:252 Resp: 88339
Ion Ratio Lower Upper
252 100
254 62.8 49.8 74.8
126 7.0 6.0 9.0





#83
Chrysene
Concen: 52.345 ng
RT: 21.783 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

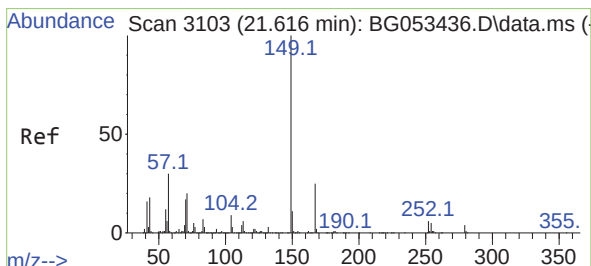
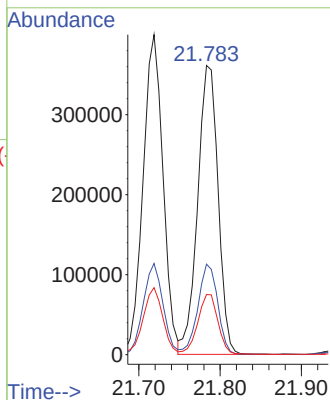
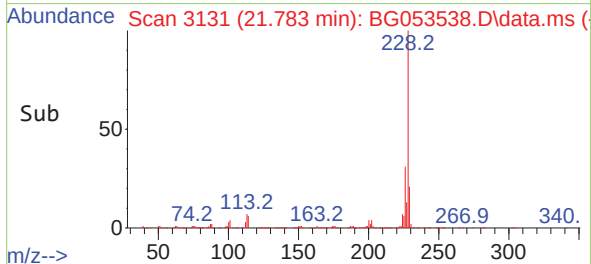
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:228 Resp: 631094
Ion Ratio Lower Upper
228 100
226 31.3 23.4 35.2
229 20.8 15.5 23.3

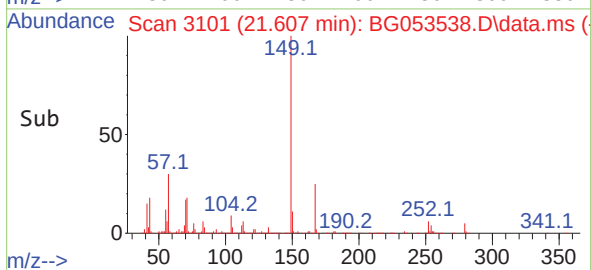
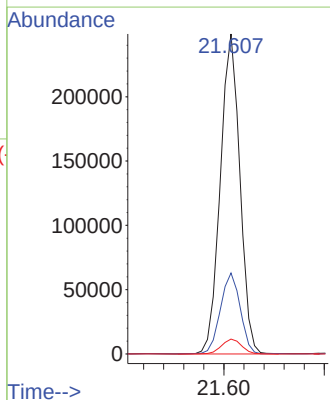
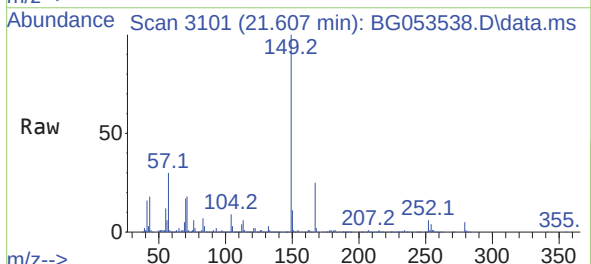
Manual Integrations
APPROVED

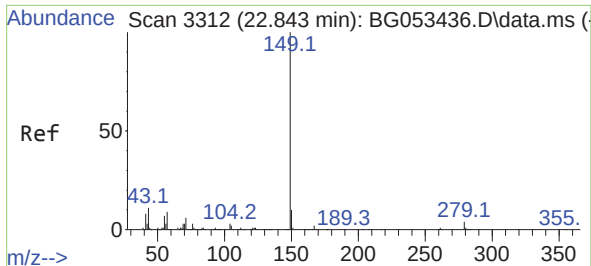
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.614 ng
RT: 21.607 min Scan# 3101
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

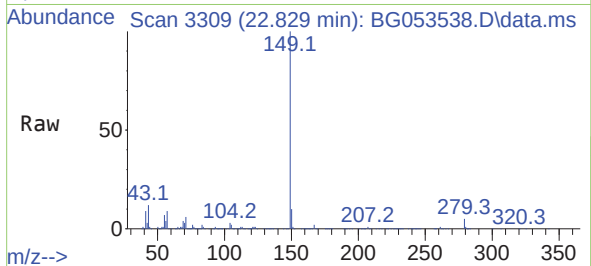
Tgt Ion:149 Resp: 335628
Ion Ratio Lower Upper
149 100
167 25.3 20.2 30.4
279 4.6 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 51.198 ng
RT: 22.829 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

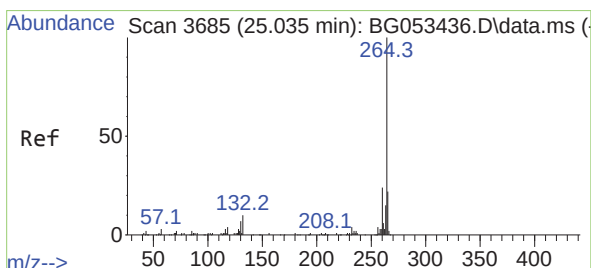
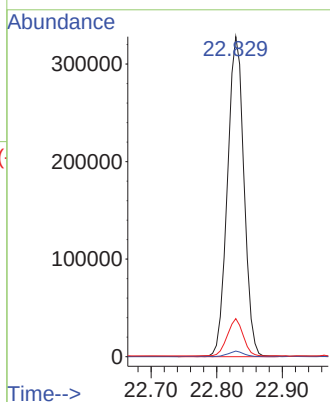
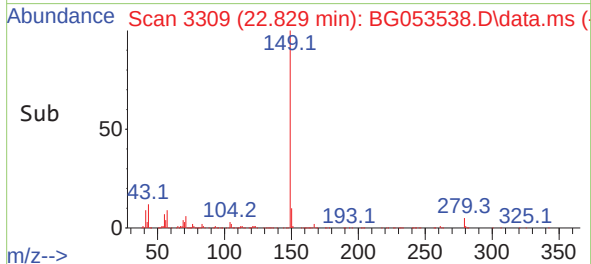
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:149 Resp: 574088
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.2 9.0 13.4

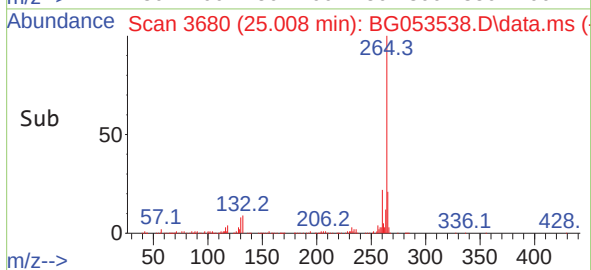
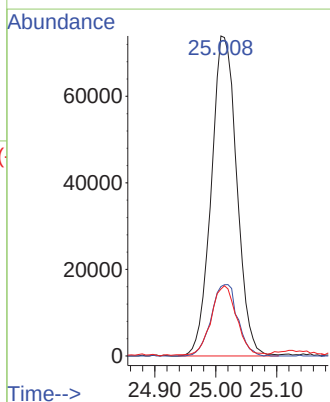
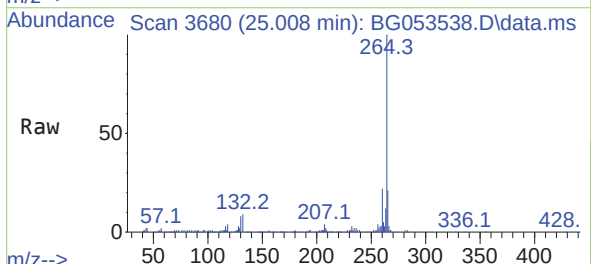
Manual Integrations
APPROVED

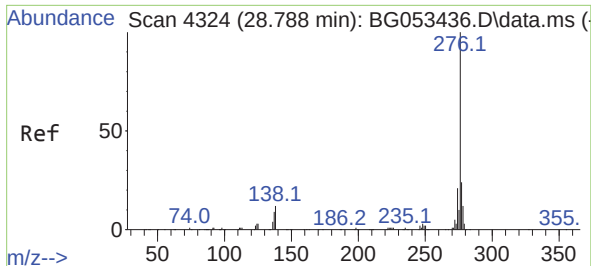
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3680
Delta R.T. -0.011 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

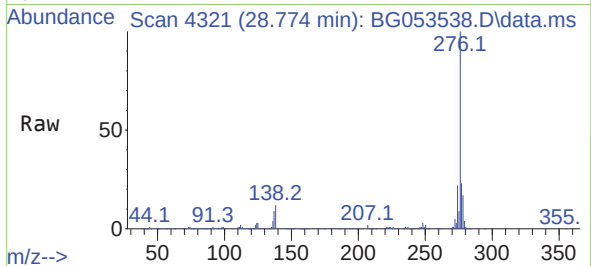
Tgt Ion:264 Resp: 214762
Ion Ratio Lower Upper
264 100
260 21.7 19.0 28.6
265 20.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.925 ng
RT: 28.774 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

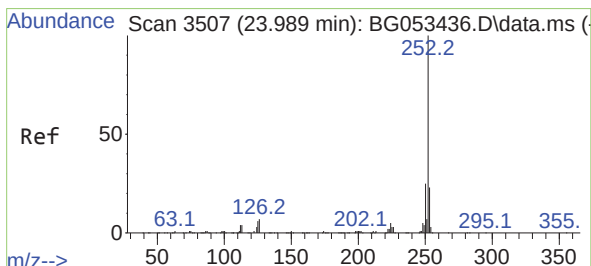
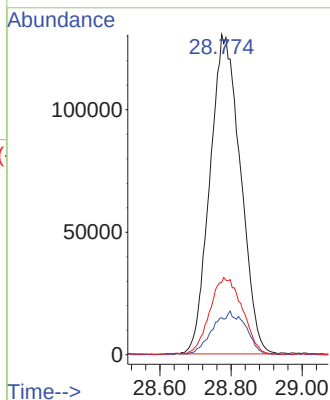
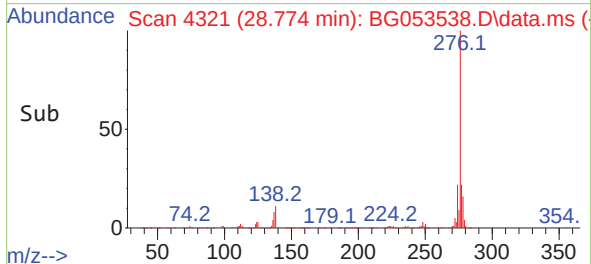
Instrument :
BNA_G
ClientSampleId :
TP-7MS



Tgt Ion:276 Resp: 776679
Ion Ratio Lower Upper
276 100
138 0.0 5.0 7.4
277 26.0 20.3 30.5

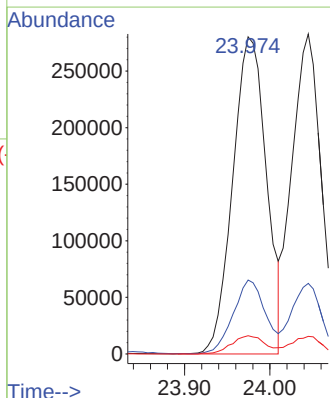
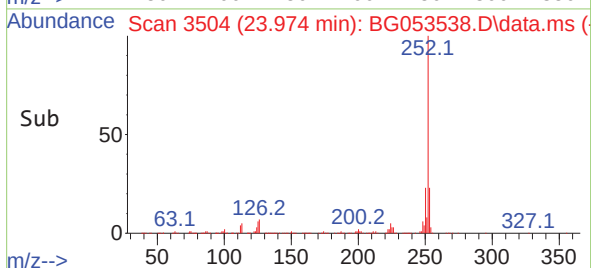
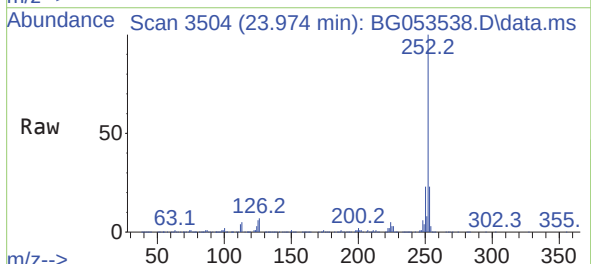
Manual Integrations
APPROVED

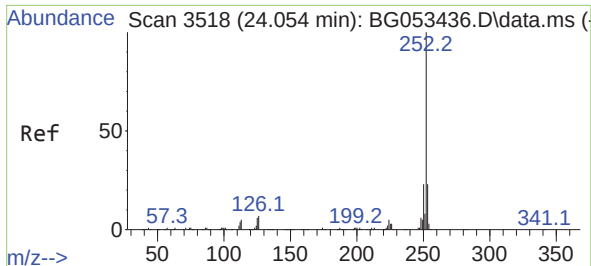
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#88
Benzo(b)fluoranthene
Concen: 60.505 ng
RT: 23.974 min Scan# 3504
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Tgt Ion:252 Resp: 769149
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 5.7 4.6 6.8





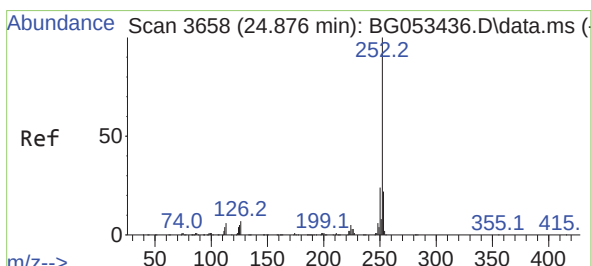
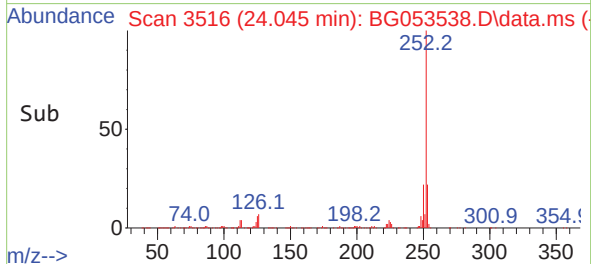
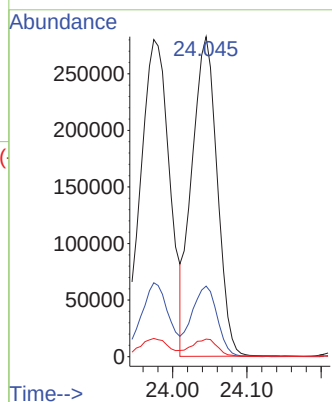
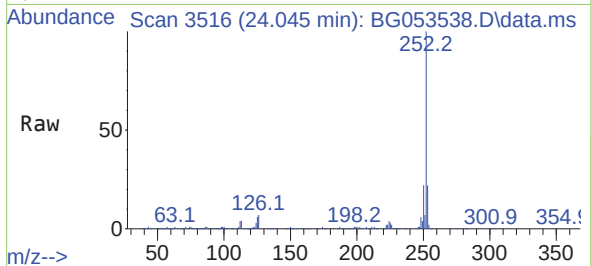
#89
Benzo(k)fluoranthene
Concen: 53.578 ng
RT: 24.045 min Scan# 3518
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:252 Resp: 66928
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 5.5 4.8 7.2

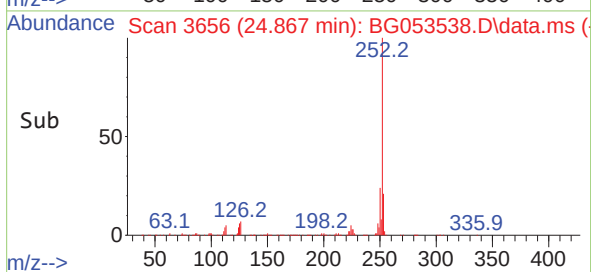
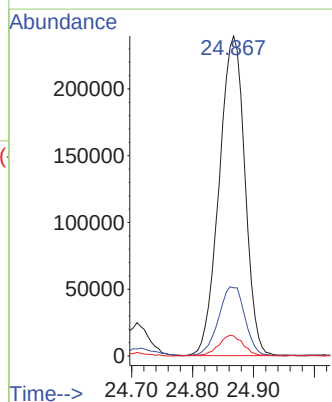
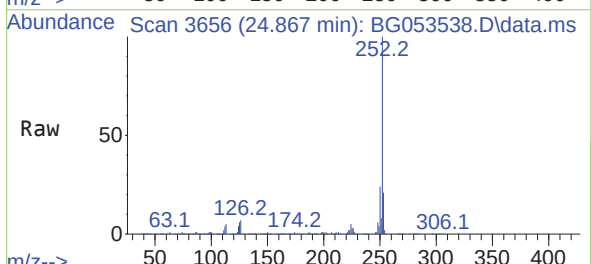
Manual Integrations
APPROVED

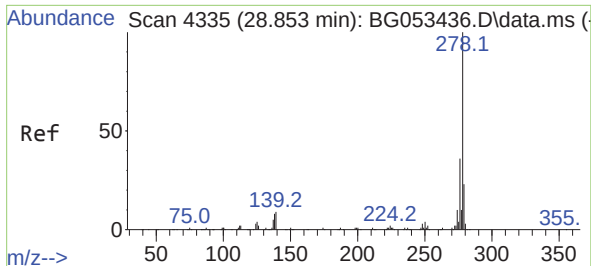
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#90
Benzo(a)pyrene
Concen: 64.739 ng
RT: 24.867 min Scan# 3656
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

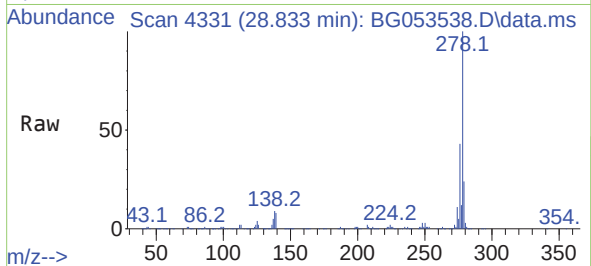
Tgt Ion:252 Resp: 700470
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 6.2 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 51.802 ng
RT: 28.833 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44

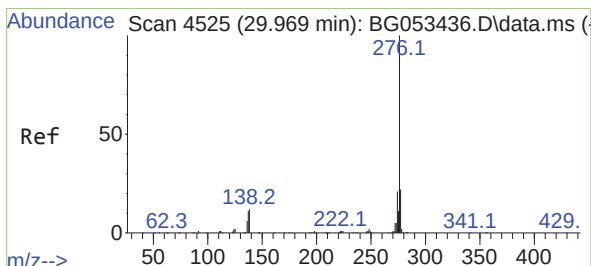
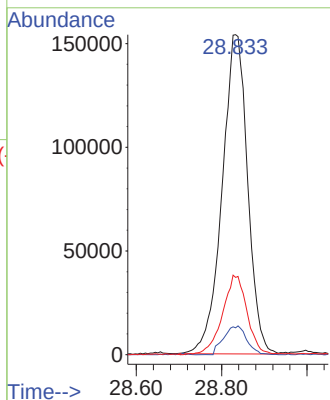
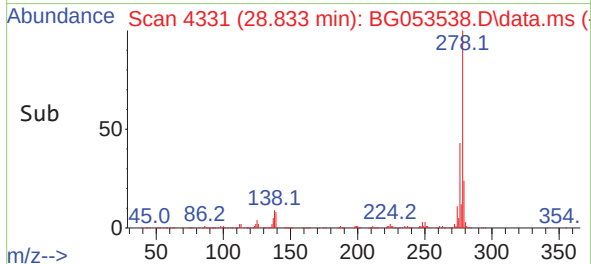
Instrument :
BNA_G
ClientSampleId :
TP-7MS



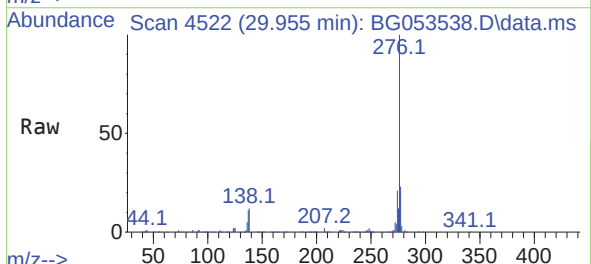
Tgt Ion:278 Resp: 638460
Ion Ratio Lower Upper
278 100
139 8.4 7.2 10.8
279 24.1 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#92
Benzo(g,h,i)perylene
Concen: 56.268 ng
RT: 29.955 min Scan# 4522
Delta R.T. 0.001 min
Lab File: BG053538.D
Acq: 13 May 2022 11:44



Tgt Ion:276 Resp: 687432
Ion Ratio Lower Upper
276 100
277 23.2 17.3 25.9
138 11.7 9.6 14.4

