

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052767.D
 Acq On : 21 Mar 2022 14:34
 Operator : CG/JU
 Sample : N1983-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124042MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

Quant Time: Mar 21 15:27:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	46693	20.000	ng	#-0.02
21) Naphthalene-d8	10.957	136	187914	20.000	ng	-0.02
39) Acenaphthene-d10	14.764	164	131165	20.000	ng	-0.01
64) Phenanthrene-d10	17.507	188	299488	20.000	ng	-0.01
76) Chrysene-d12	21.801	240	280574	20.000	ng	-0.01
86) Perylene-d12	25.120	264	300010	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	364805	136.062	ng	0.00
7) Phenol-d6	7.297	99	519026	128.403	ng	0.00
23) Nitrobenzene-d5	9.306	82	353640	94.454	ng	-0.01
42) 2,4,6-Tribromophenol	16.250	330	230890	131.001	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	671549	75.510	ng	-0.01
79) Terphenyl-d14	20.109	244	1060561	67.240	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.591	88	57955	43.211	ng	# 88
3) Pyridine	3.990	79	151438	44.047	ng	# 87
4) n-Nitrosodimethylamine	3.896	42	78457	51.441	ng	95
6) Aniline	7.462	93	183275	38.669	ng	96
8) 2-Chlorophenol	7.709	128	154886	54.978	ng	93
9) Benzaldehyde	7.274	77	106813	51.403	ng	95
10) Phenol	7.321	94	214865	53.849	ng	93
11) bis(2-Chloroethyl)ether	7.556	93	152338	50.556	ng	94
12) 1,3-Dichlorobenzene	8.038	146	167818m	49.474	ng	
13) 1,4-Dichlorobenzene	8.178	146	170286	49.965	ng	98
14) 1,2-Dichlorobenzene	8.502	146	165575	51.369	ng	98
15) Benzyl Alcohol	8.378	79	178923	52.570	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.672	45	245583	46.800	ng	98
17) 2-Methylphenol	8.578	107	142249	53.477	ng	95
18) Hexachloroethane	9.242	117	63078	50.445	ng	93
19) n-Nitroso-di-n-propyla...	8.948	70	140923	49.225	ng	# 97
20) 3+4-Methylphenols	8.907	107	197130	52.955	ng	96
22) Acetophenone	8.966	105	239396	49.229	ng	# 96
24) Nitrobenzene	9.348	77	215127	57.426	ng	# 89
25) Isophorone	9.876	82	386515	53.315	ng	99
26) 2-Nitrophenol	10.064	139	82353	63.304	ng	96
27) 2,4-Dimethylphenol	10.117	122	154625	58.098	ng	95
28) bis(2-Chloroethoxy)met...	10.352	93	212110	49.482	ng	98
29) 2,4-Dichlorophenol	10.599	162	163606	54.630	ng	99
30) 1,2,4-Trichlorobenzene	10.822	180	178365	50.487	ng	99
31) Naphthalene	11.010	128	479940	49.390	ng	99
32) Benzoic acid	10.252	122	104170	52.151	ng	90
33) 4-Chloroaniline	11.104	127	79226	19.236	ng	95
34) Hexachlorobutadiene	11.298	225	127325	50.267	ng	98
35) Caprolactam	11.879	113	51107m	62.498	ng	
36) 4-Chloro-3-methylphenol	12.220	107	180907	52.020	ng	94
37) 2-Methylnaphthalene	12.608	142	341429	47.978	ng	97
38) 1-Methylnaphthalene	12.819	142	333258m	47.983	ng	
40) 1,2,4,5-Tetrachloroben...	12.972	216	214757	52.407	ng	98
41) Hexachlorocyclopentadiene	12.954	237	264219	108.776	ng	92
43) 2,4,6-Trichlorophenol	13.201	196	148237	56.487	ng	97

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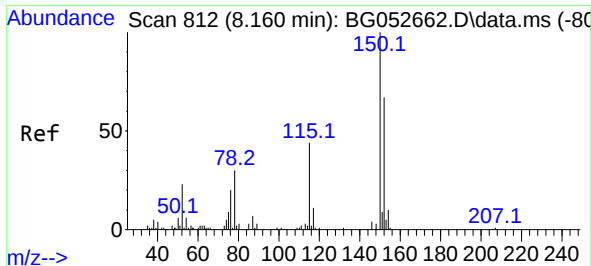
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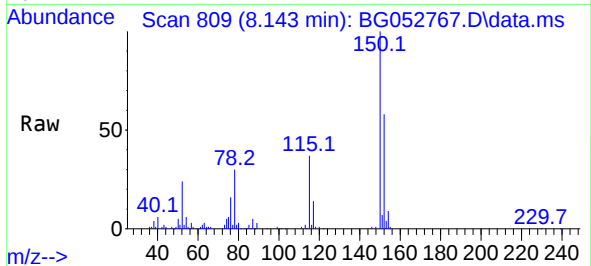
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.272	196	157007	58.945	ng	97
46) 1,1'-Biphenyl	13.601	154	459099	50.050	ng	98
47) 2-Chloronaphthalene	13.648	162	364307	50.432	ng	97
48) 2-Nitroaniline	13.836	65	126735	64.150	ng	92
49) Acenaphthylene	14.488	152	601669	52.249	ng	98
50) Dimethylphthalate	14.217	163	470440	48.259	ng	98
51) 2,6-Dinitrotoluene	14.329	165	100798	61.243	ng	87
52) Acenaphthene	14.834	154	435210	58.994	ng	98
53) 3-Nitroaniline	14.658	138	67657	35.129	ng	94
54) 2,4-Dinitrophenol	14.858	184	120833	134.685	ng	# 88
55) Dibenzofuran	15.163	168	582534	48.354	ng	97
56) 4-Nitrophenol	14.958	139	176708	112.479	ng	83
57) 2,4-Dinitrotoluene	15.116	165	139414	61.049	ng	89
58) Fluorene	15.809	166	479761	48.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.386	232	150450	52.844	ng	99
60) Diethylphthalate	15.574	149	485680	47.199	ng	99
61) 4-Chlorophenyl-phenyle...	15.803	204	257134	47.478	ng	94
62) 4-Nitroaniline	15.821	138	102546	50.390	ng	87
63) Azobenzene	16.091	77	503302	45.762	ng	97
65) 4,6-Dinitro-2-methylph...	15.880	198	81054	60.707	ng	99
66) n-Nitrosodiphenylamine	16.009	169	415629	49.294	ng	98
67) 4-Bromophenyl-phenylether	16.696	248	175947	48.729	ng	94
68) Hexachlorobenzene	16.820	284	195594	50.397	ng	94
69) Atrazine	16.961	200	168740	54.275	ng	96
70) Pentachlorophenol	17.155	266	251074	104.277	ng	94
71) Phenanthrene	17.554	178	856556	53.462	ng	99
72) Anthracene	17.642	178	785022	49.564	ng	99
73) Carbazole	17.907	167	707729	45.117	ng	99
74) Di-n-butylphthalate	18.465	149	811983	47.383	ng	98
75) Fluoranthene	19.557	202	1010026	49.663	ng	98
77) Benzidine	19.728	184	412940	57.063	ng	99
78) Pyrene	19.921	202	990998	50.918	ng	99
80) Butylbenzylphthalate	20.797	149	346867	50.242	ng	96
81) Benzo(a)anthracene	21.778	228	934968	49.765	ng	98
82) 3,3'-Dichlorobenzidine	21.684	252	206642	31.146	ng	99
83) Chrysene	21.848	228	862503	48.833	ng	99
84) Bis(2-ethylhexyl)phtha...	21.684	149	522627	55.664	ng	99
85) Di-n-octyl phthalate	22.929	149	824330	52.740	ng	96
87) Indeno(1,2,3-cd)pyrene	28.921	276	1049905	51.128	ng	99
88) Benzo(b)fluoranthene	24.063	252	956051	51.324	ng	98
89) Benzo(k)fluoranthene	24.133	252	896886	48.937	ng	97
90) Benzo(a)pyrene	24.968	252	921765	58.458	ng	100
91) Dibenzo(a,h)anthracene	28.991	278	897001	53.012	ng	97
92) Benzo(g,h,i)perylene	30.102	276	907294	54.193	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.143 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

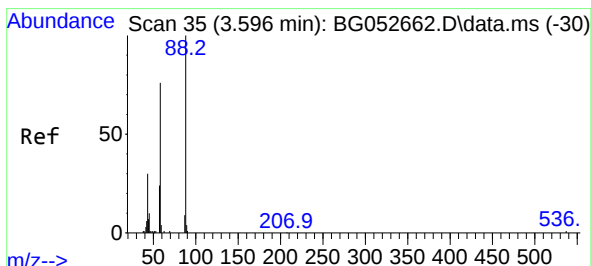
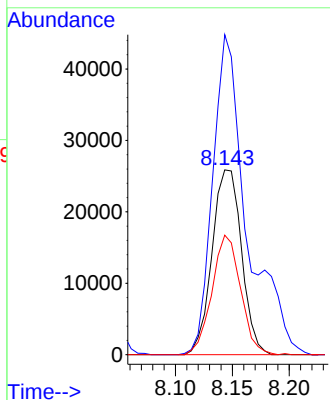
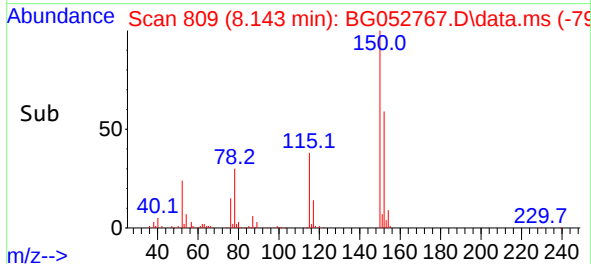
Instrument :
BNA_G
ClientSampleId :
124042MSD



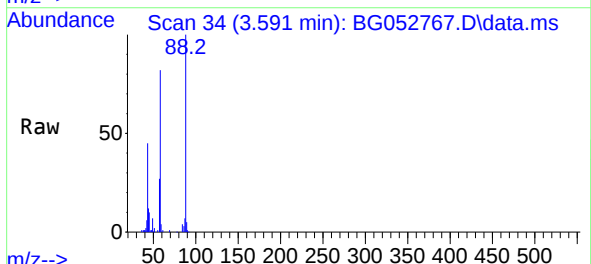
Tgt Ion:152 Resp: 4669
Ion Ratio Lower Upper
152 100
150 173.1 114.6 172.0
115 64.6 45.9 68.9

Manual Integrations
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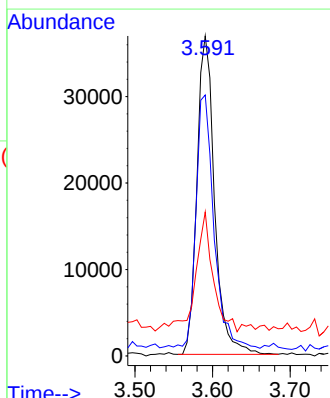
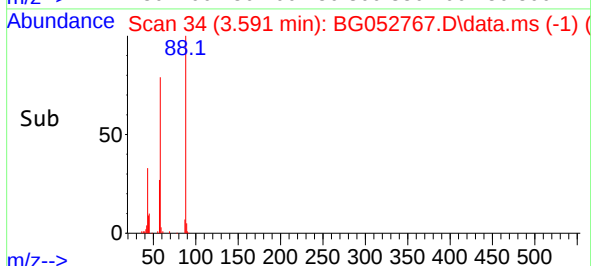
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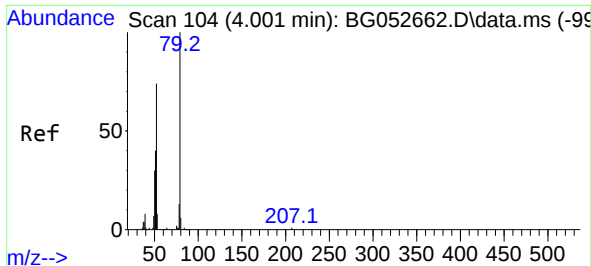


#2
1,4-Dioxane
Concen: 43.211 ng
RT: 3.591 min Scan# 34
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



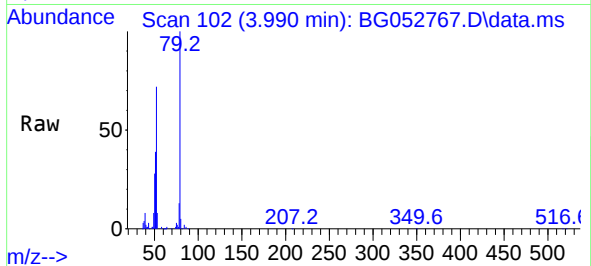
Tgt Ion: 88 Resp: 57955
Ion Ratio Lower Upper
88 100
58 81.2 58.2 87.2
43 38.1 23.4 35.0





#3
Pyridine
Concen: 44.047 ng
RT: 3.990 min Scan# 104
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

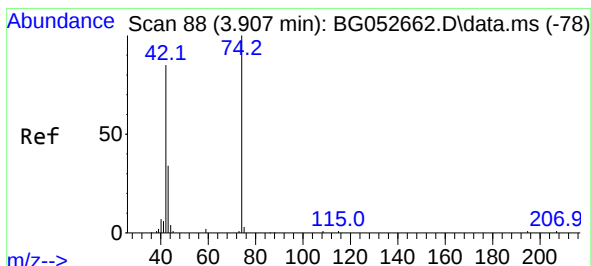
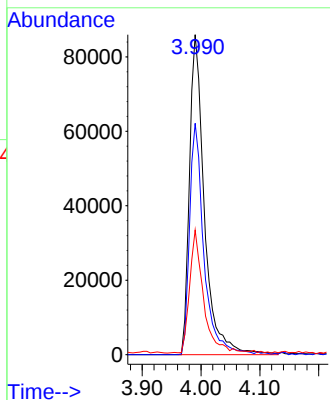
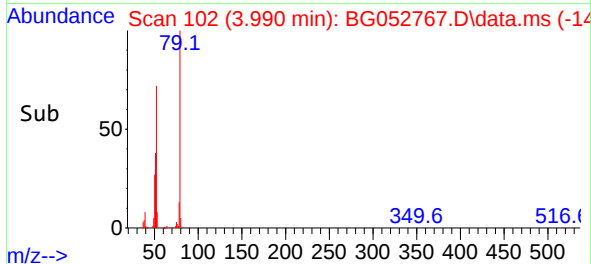
Instrument :
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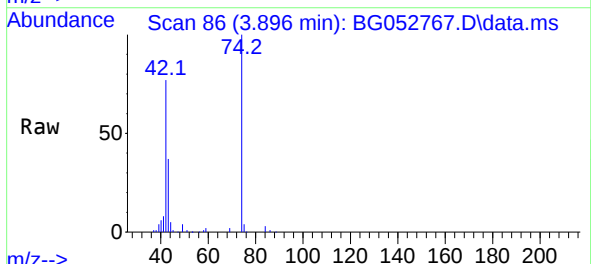
Tgt Ion: 79 Resp: 151438
Ion Ratio Lower Upper
79 100
52 72.3 50.9 76.3
51 38.9 24.4 36.6

Manual Integrations
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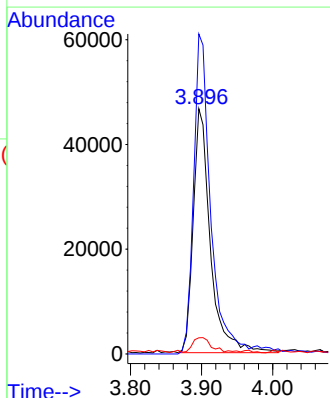
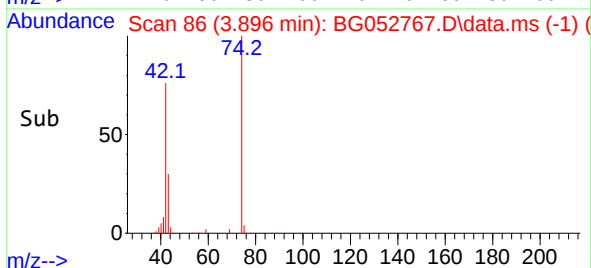
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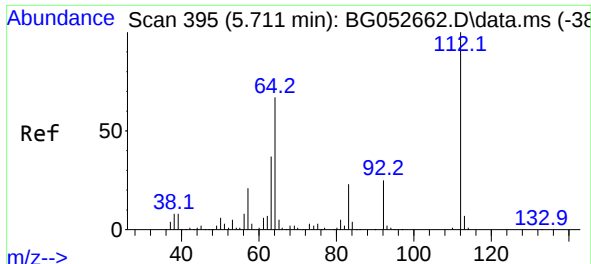


#4
n-Nitrosodimethylamine
Concen: 51.441 ng
RT: 3.896 min Scan# 86
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion: 42 Resp: 78457
Ion Ratio Lower Upper
42 100
74 130.4 108.9 163.3
44 6.6 5.7 8.5





#5
2-Fluorophenol
Concen: 136.062 ng
RT: 5.705 min Scan# 395
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

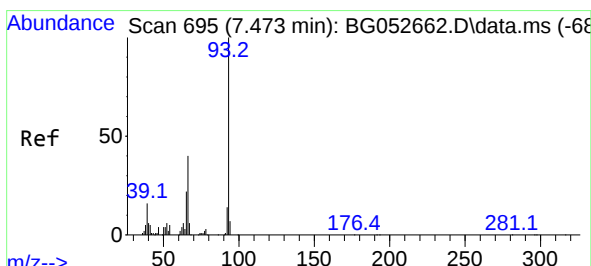
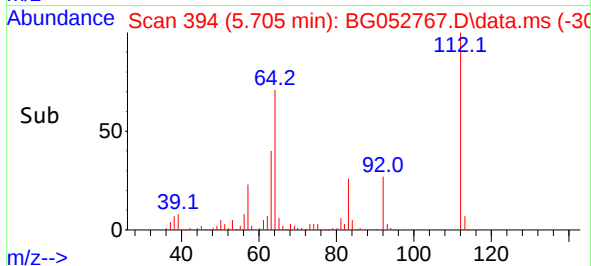
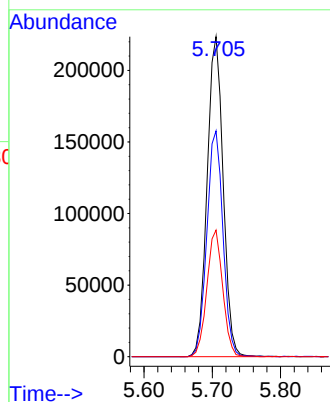
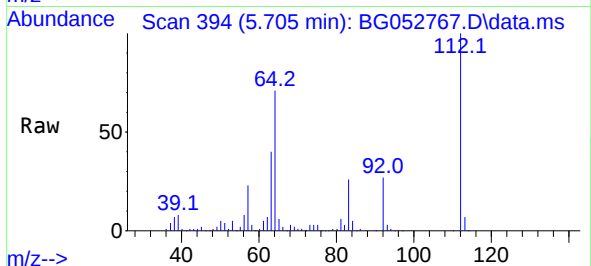
124042MSD

Tgt Ion:112 Resp: 36480
Ion Ratio Lower Upper
112 100
64 70.6 48.0 72.0
63 39.6 26.5 39.7

Manual Integrations

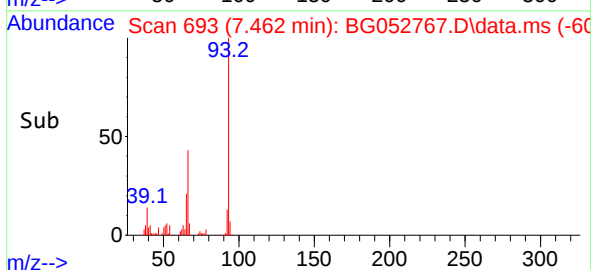
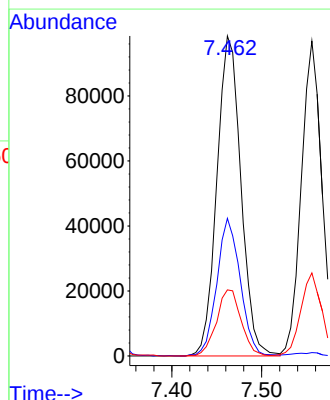
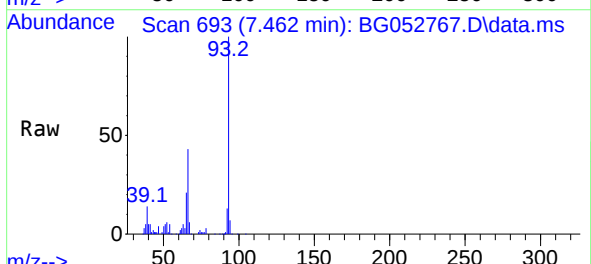
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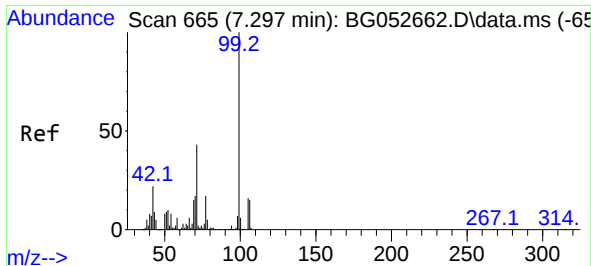
Reviewed By :Christian Giraldo 03/22/2022
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#6
Aniline
Concen: 38.669 ng
RT: 7.462 min Scan# 693
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

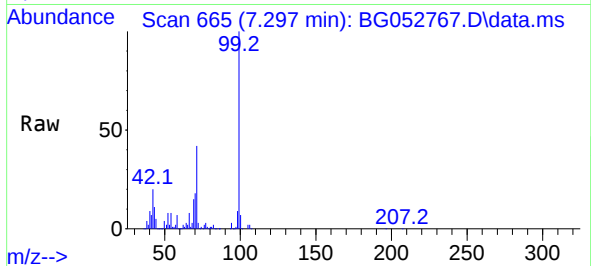
Tgt Ion: 93 Resp: 183275
Ion Ratio Lower Upper
93 100
66 43.0 31.3 46.9
65 20.7 16.7 25.1





#7
Phenol-d6
Concen: 128.403 ng
RT: 7.297 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

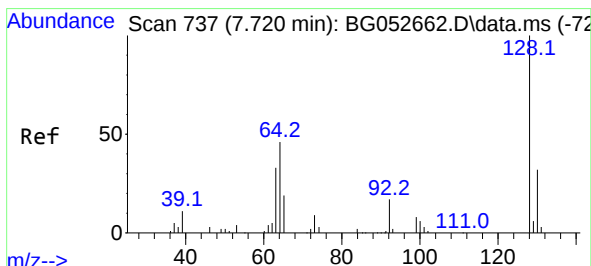
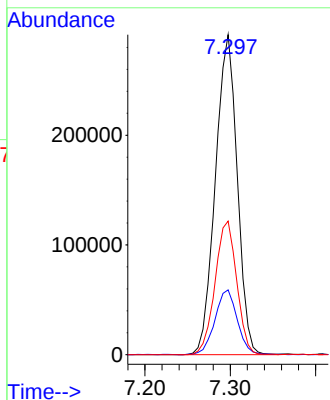
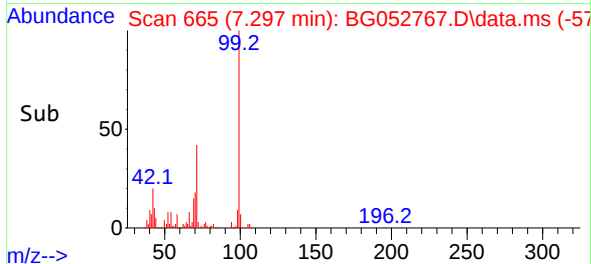
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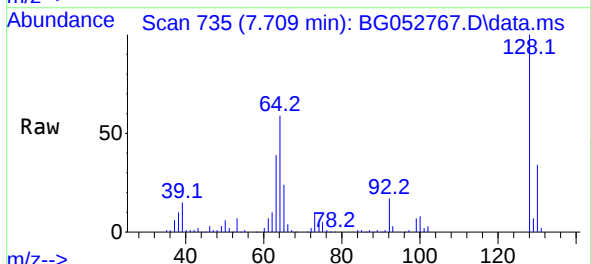
Tgt Ion: 99 Resp: 519020
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 41.7 29.2 43.8

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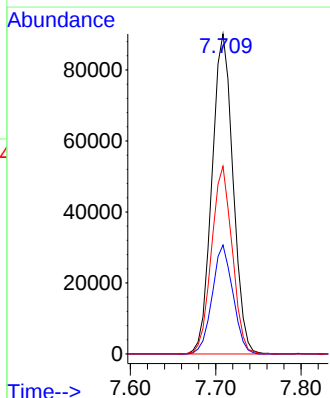
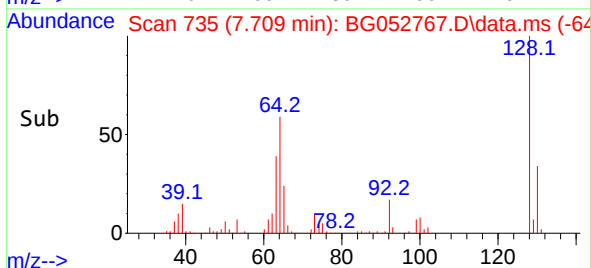
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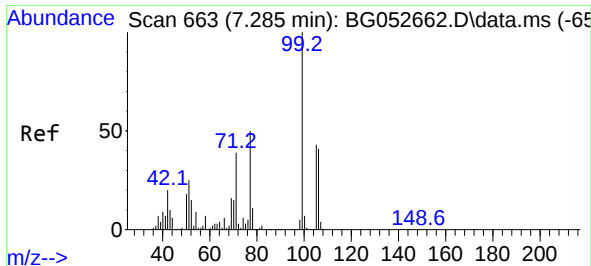


#8
2-Chlorophenol
Concen: 54.978 ng
RT: 7.709 min Scan# 735
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion:128 Resp: 154886
Ion Ratio Lower Upper
128 100
130 34.0 13.4 53.4
64 58.6 30.9 70.9





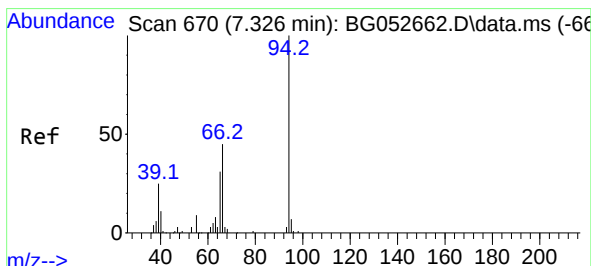
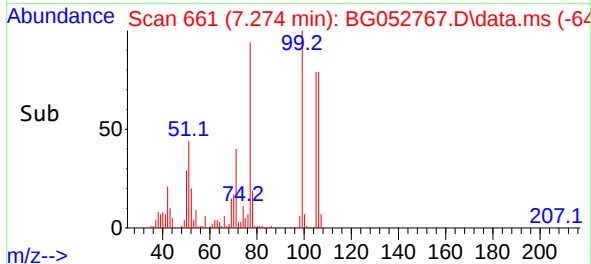
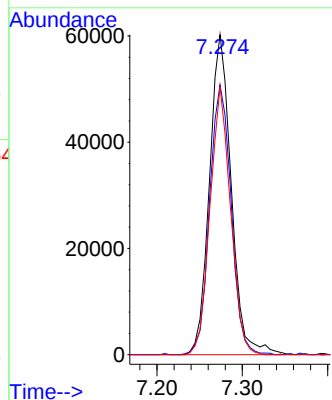
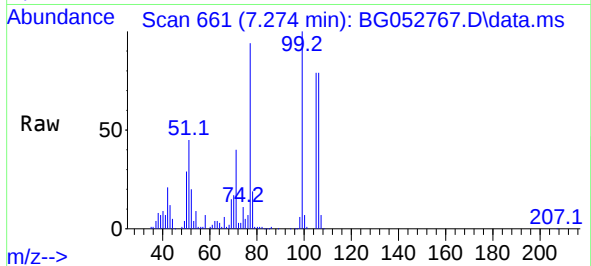
#9
Benzaldehyde
Concen: 51.403 ng
RT: 7.274 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :
BNA_G
ClientSampleId :
124042MSD

Tgt Ion: 77 Resp: 10681
Ion Ratio Lower Upper
77 100
105 84.3 70.6 110.6
106 83.7 67.6 107.6

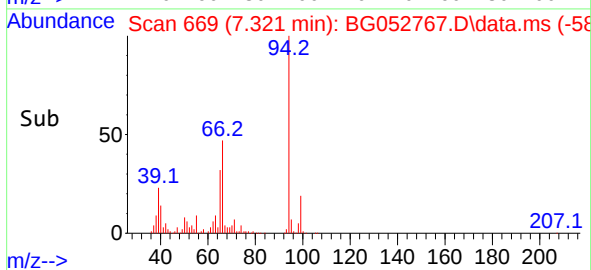
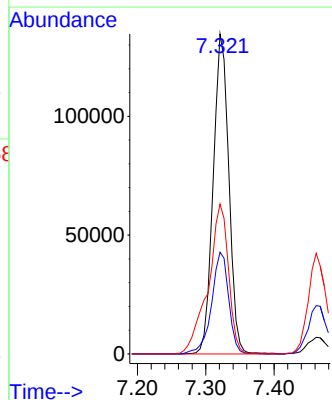
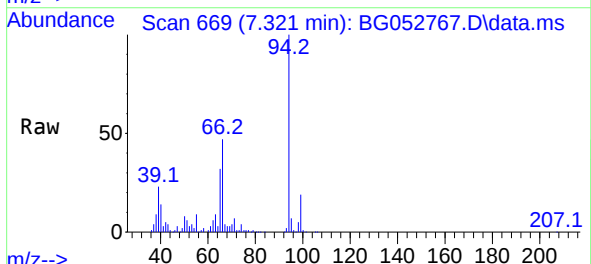
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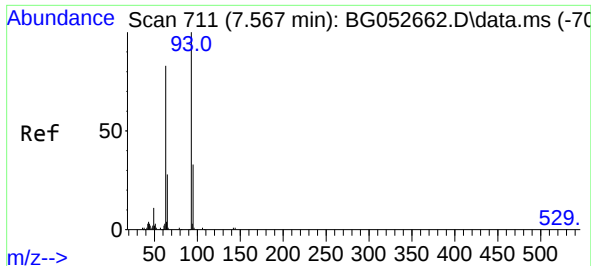
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#10
Phenol
Concen: 53.849 ng
RT: 7.321 min Scan# 669
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

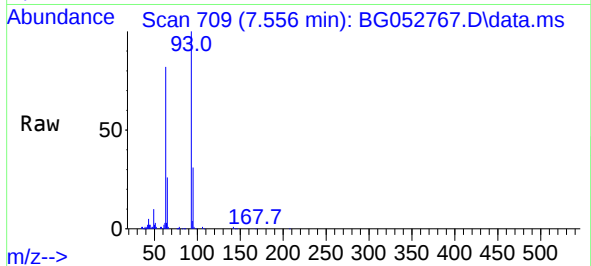
Tgt Ion: 94 Resp: 214865
Ion Ratio Lower Upper
94 100
65 31.8 11.1 51.1
66 46.8 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 50.556 ng
RT: 7.556 min Scan# 709
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

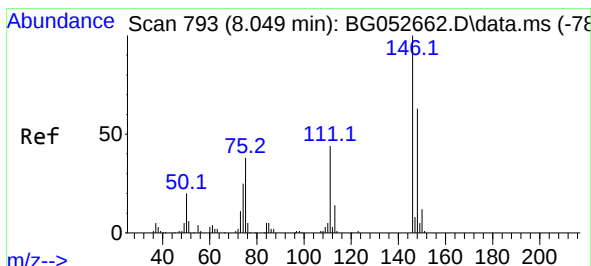
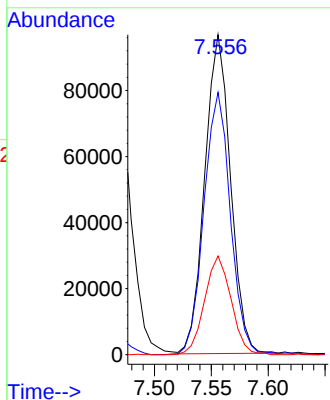
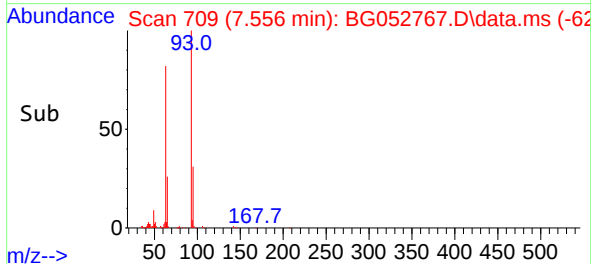
Instrument :
BNA_G
ClientSampleId :
124042MSD



Tgt Ion: 93 Resp: 152338
Ion Ratio Lower Upper
93 100
63 81.9 56.9 96.9
95 30.8 14.5 54.5

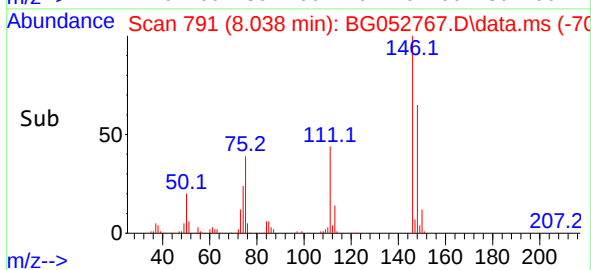
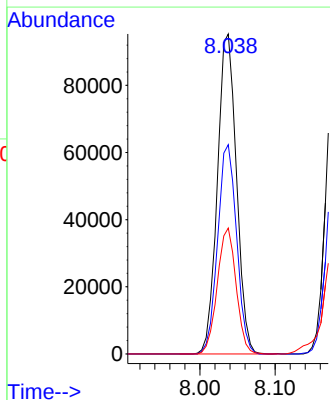
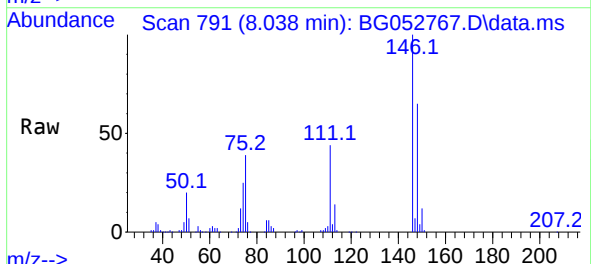
Manual Integrations
APPROVED

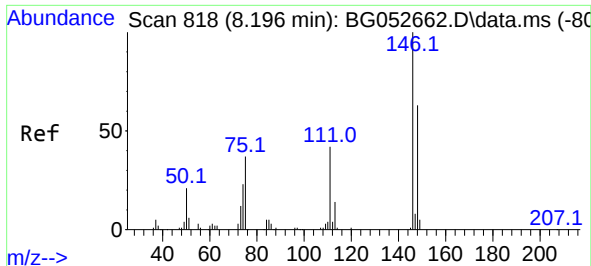
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#12
1,3-Dichlorobenzene
Concen: 49.474 ng m
RT: 8.038 min Scan# 791
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:146 Resp: 167818
Ion Ratio Lower Upper
146 100
148 65.4 50.6 76.0
75 39.4 25.9 38.9#





#13

1,4-Dichlorobenzene

Concen: 49.965 ng

RT: 8.178 min Scan# 81

Delta R.T. -0.017 min

Lab File: BG052767.D

Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD

Tgt Ion:146 Resp: 170280

Ion Ratio Lower Upper

146 100

148 63.4 50.0 75.0

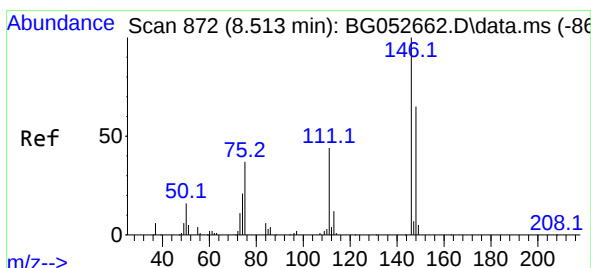
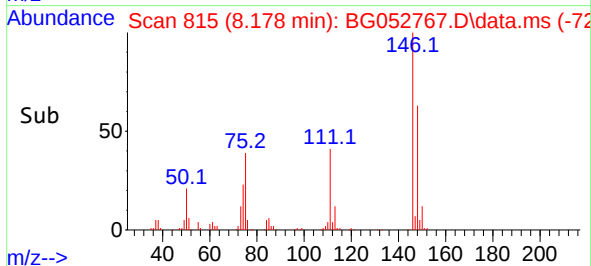
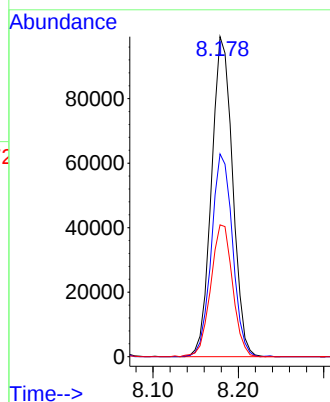
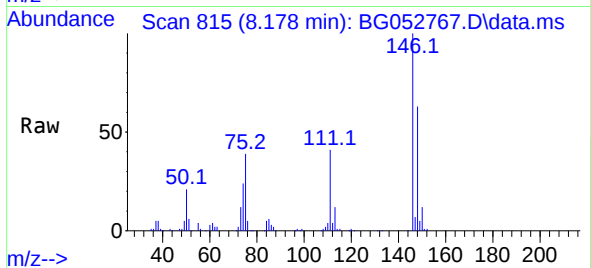
111 41.2 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#14

1,2-Dichlorobenzene

Concen: 51.369 ng

RT: 8.502 min Scan# 870

Delta R.T. -0.011 min

Lab File: BG052767.D

Acq: 21 Mar 2022 14:34

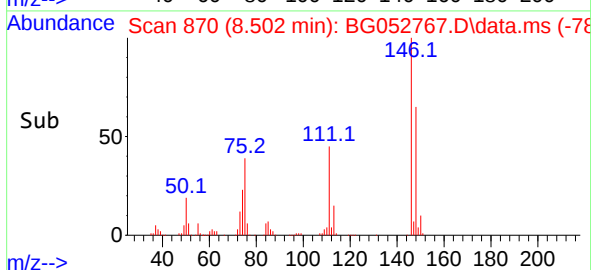
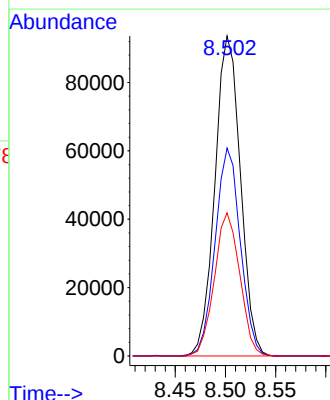
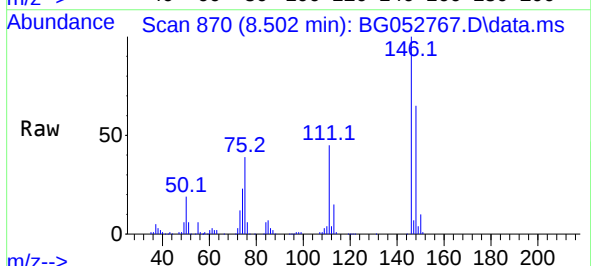
Tgt Ion:146 Resp: 165575

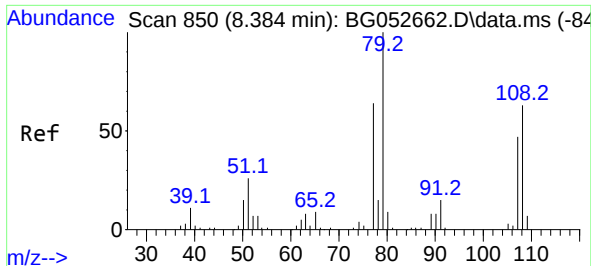
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

111 44.7 34.7 52.1





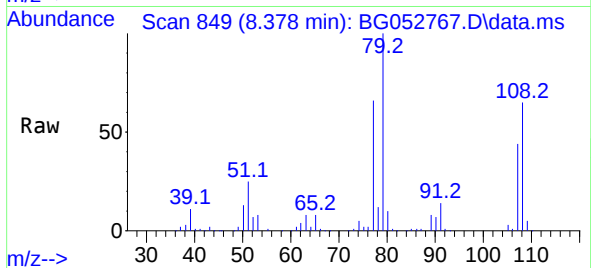
#15
Benzyl Alcohol
Concen: 52.570 ng
RT: 8.378 min Scan# 849
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD

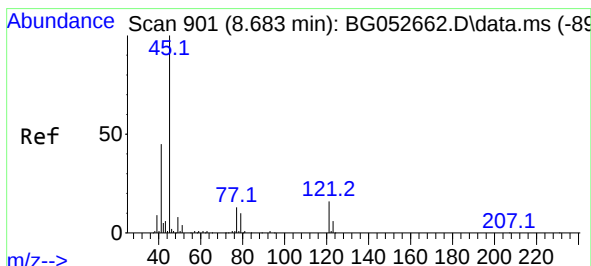
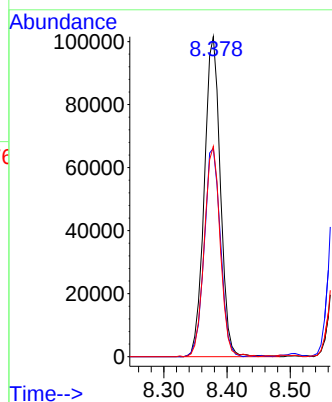
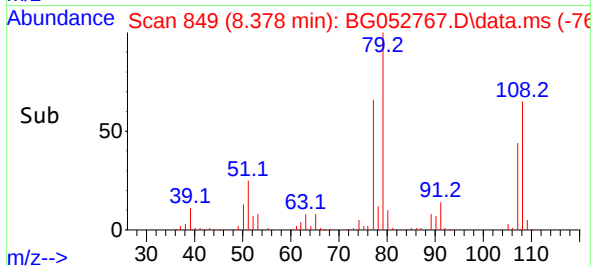


Tgt Ion: 79 Resp: 17892
Ion Ratio Lower Upper
79 100
108 65.1 55.1 82.7
77 65.7 52.4 78.6

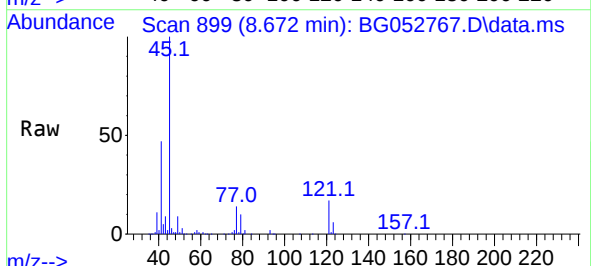
Manual Integrations

APPROVED

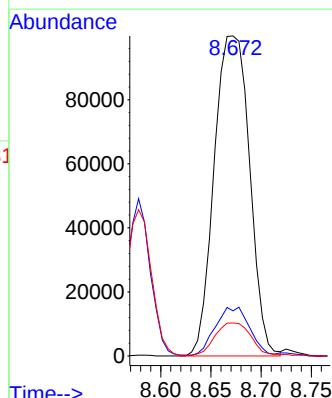
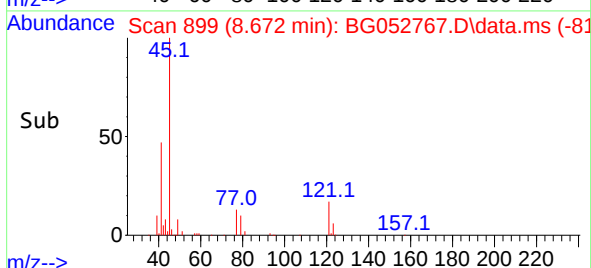
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

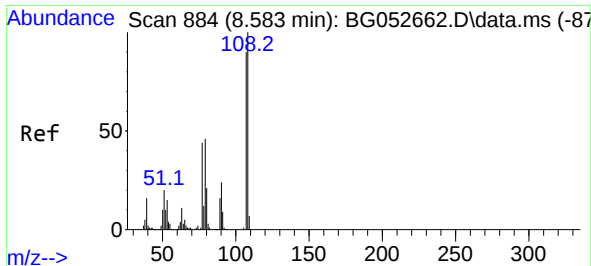


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.800 ng
RT: 8.672 min Scan# 899
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion: 45 Resp: 245583
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.9
79 10.3 0.0 30.7





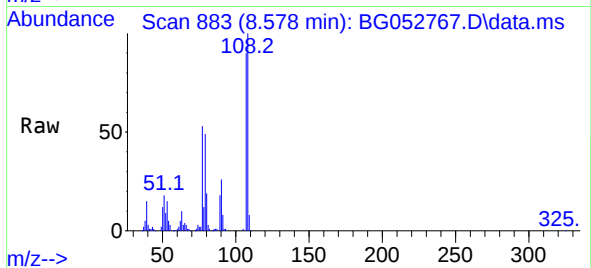
#17
2-Methylphenol
Concen: 53.477 ng
RT: 8.578 min Scan# 884
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD

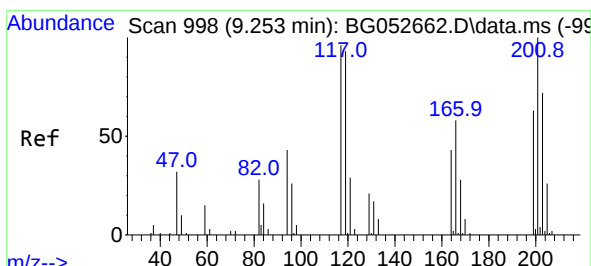
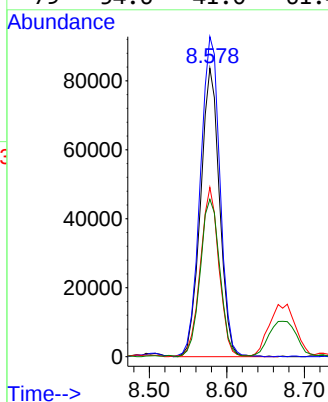
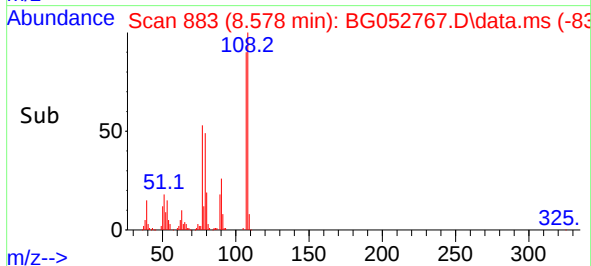


Tgt Ion:107 Resp: 142249
Ion Ratio Lower Upper
107 100
108 110.9 91.5 137.3
77 58.7 42.5 63.7
79 54.6 41.0 61.4

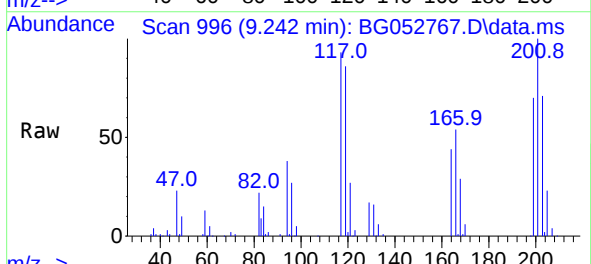
Manual Integrations

APPROVED

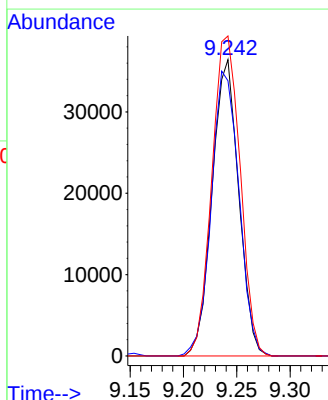
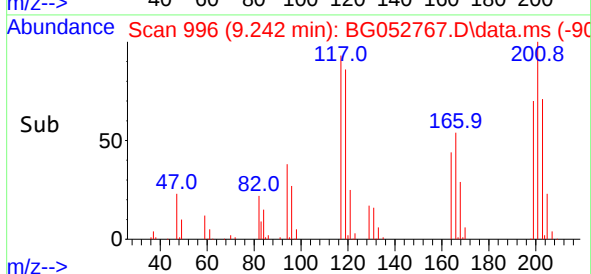
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

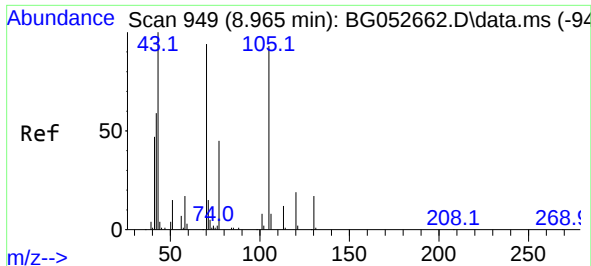


#18
Hexachloroethane
Concen: 50.445 ng
RT: 9.242 min Scan# 996
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



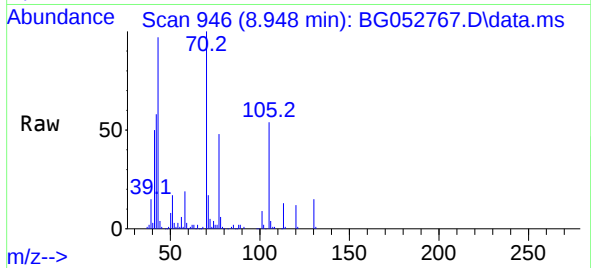
Tgt Ion:117 Resp: 63078
Ion Ratio Lower Upper
117 100
119 92.9 75.1 112.7
201 108.0 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.225 ng
RT: 8.948 min Scan# 946
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

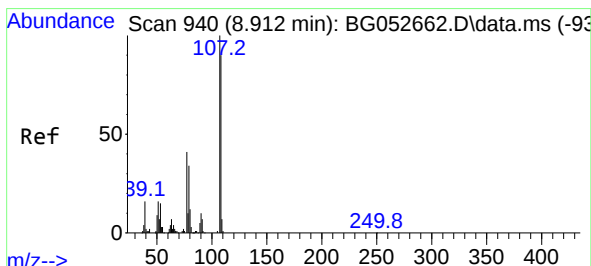
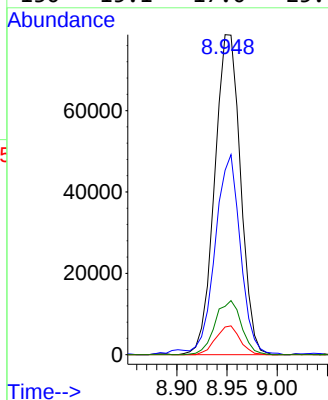
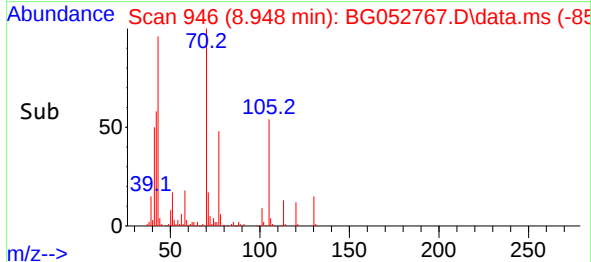
Instrument :
BNA_G
ClientSampleId :
124042MSD



Tgt Ion: 70 Resp: 14092
Ion Ratio Lower Upper
70 100
42 57.6 46.0 69.0
101 8.7 6.2 9.4
130 15.1 17.0 25.4#

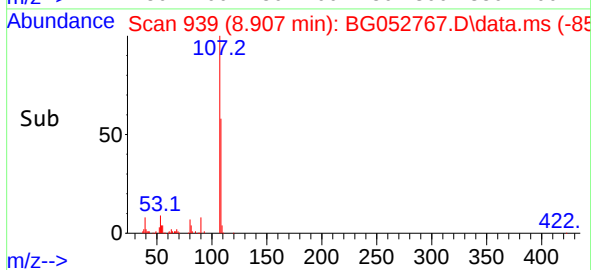
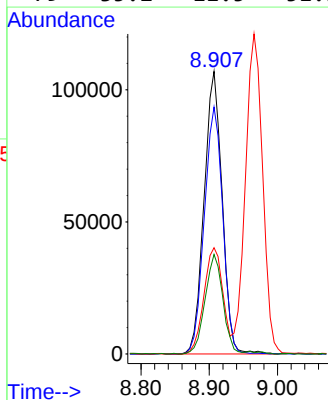
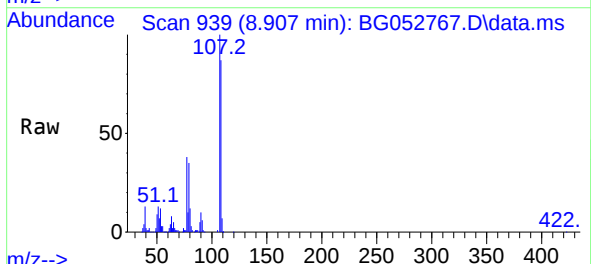
Manual Integrations
APPROVED

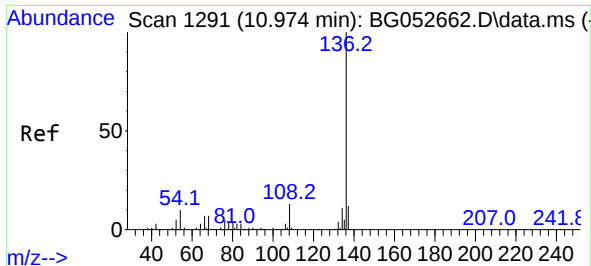
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#20
3+4-Methylphenols
Concen: 52.955 ng
RT: 8.907 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:107 Resp: 197130
Ion Ratio Lower Upper
107 100
108 87.3 64.8 104.8
77 37.6 15.9 55.9
79 35.2 11.5 51.5





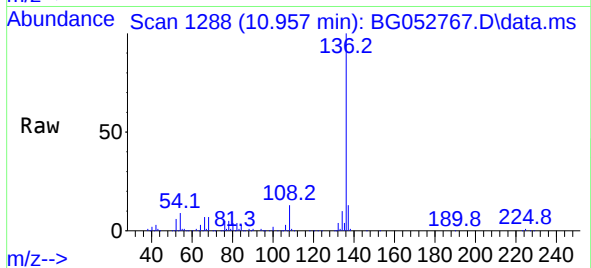
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD

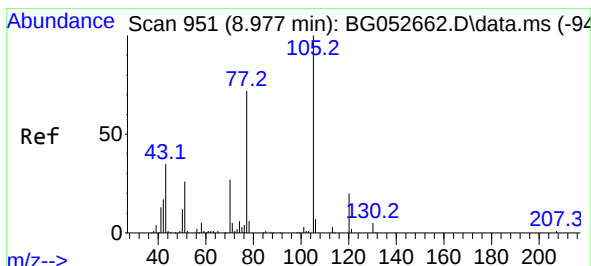
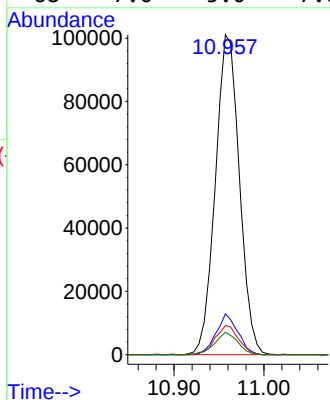
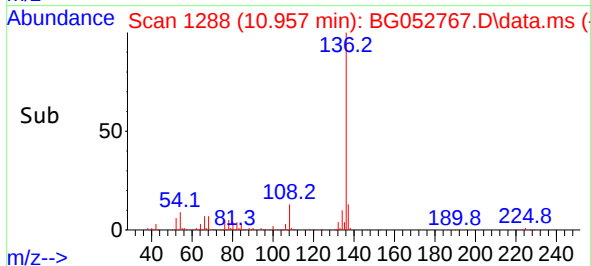


Tgt Ion:136 Resp: 187914
Ion Ratio Lower Upper
136 100
137 12.8 9.4 14.2
54 9.1 6.4 9.6
68 7.0 5.0 7.6

Manual Integrations

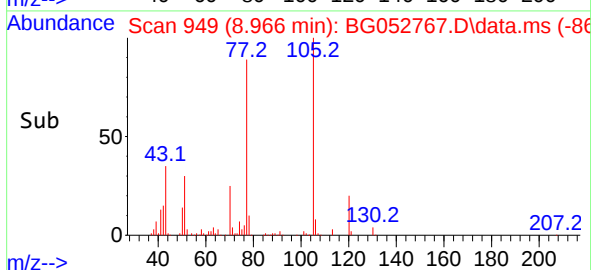
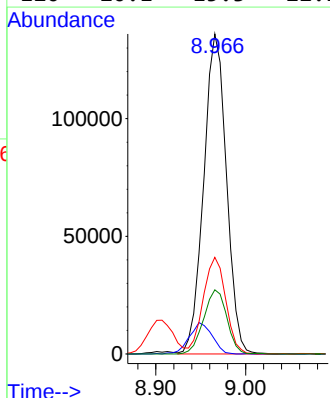
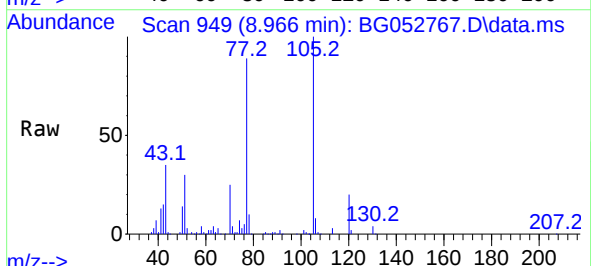
APPROVED

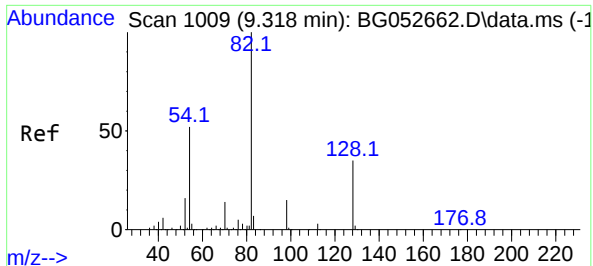
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#22
Acetophenone
Concen: 49.229 ng
RT: 8.966 min Scan# 949
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:105 Resp: 239396
Ion Ratio Lower Upper
105 100
71 4.4 2.1 3.1#
51 30.2 21.9 32.9
120 20.1 15.3 22.9





#23

Nitrobenzene-d5

Concen: 94.454 ng

RT: 9.306 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG052767.D

Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD

Tgt Ion: 82 Resp: 353640

Ion Ratio Lower Upper

82 100

128 34.9 31.3 46.9

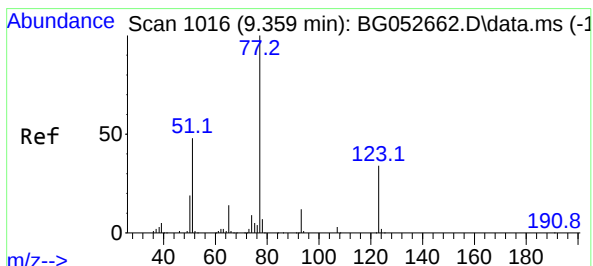
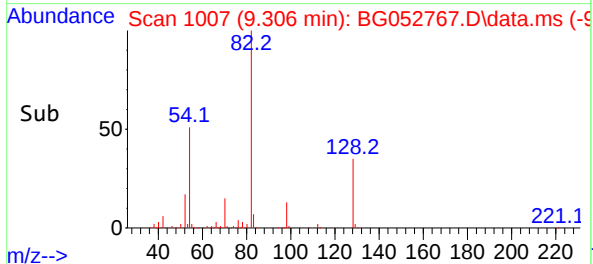
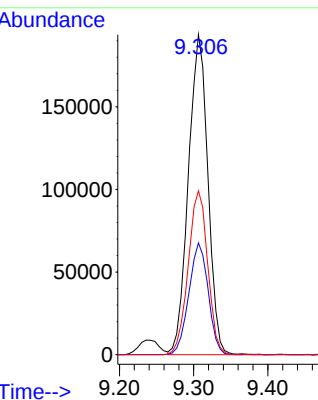
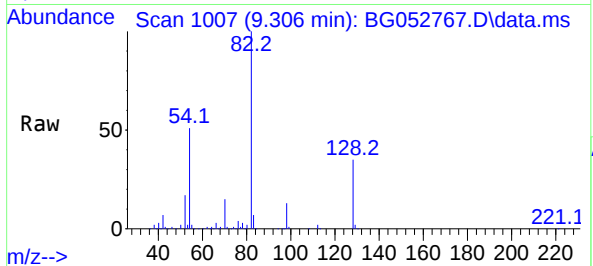
54 51.2 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#24

Nitrobenzene

Concen: 57.426 ng

RT: 9.348 min Scan# 1014

Delta R.T. -0.011 min

Lab File: BG052767.D

Acq: 21 Mar 2022 14:34

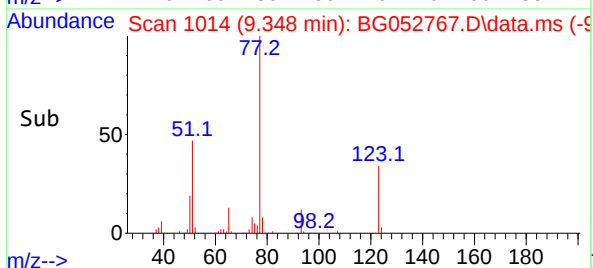
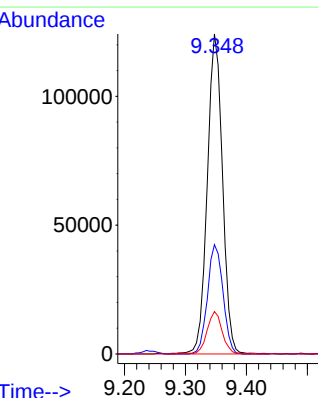
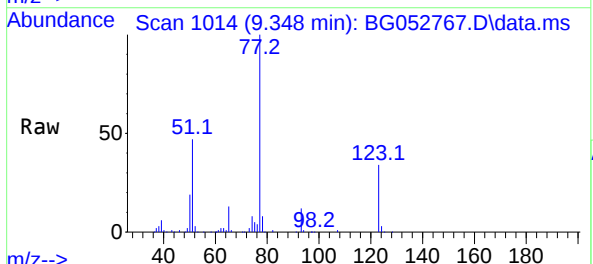
Tgt Ion: 77 Resp: 215127

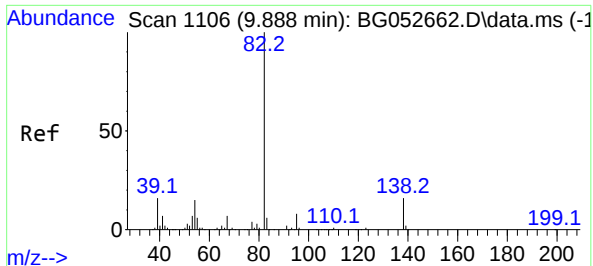
Ion Ratio Lower Upper

77 100

123 34.2 34.4 51.6#

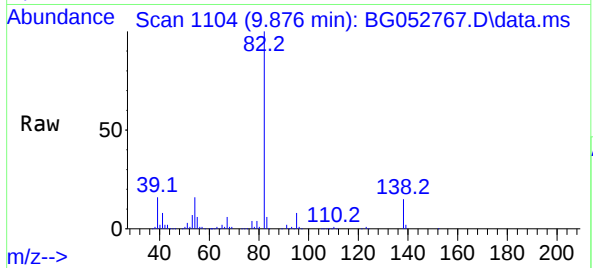
65 13.2 11.2 16.8





#25
Isophorone
Concen: 53.315 ng
RT: 9.876 min Scan# 1104
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

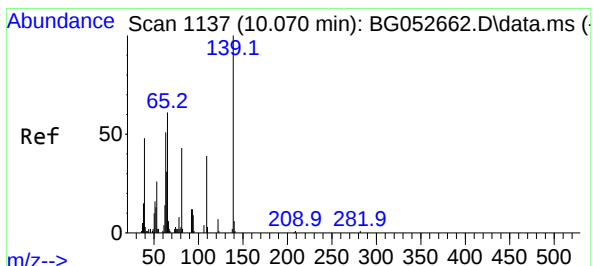
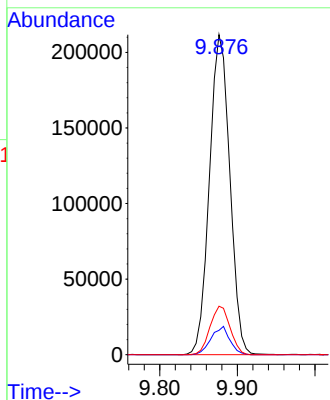
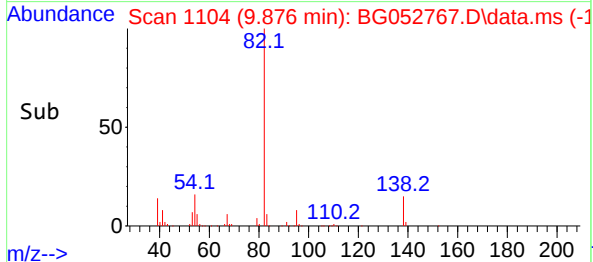
Instrument :
BNA_G
ClientSampleId :
124042MSD



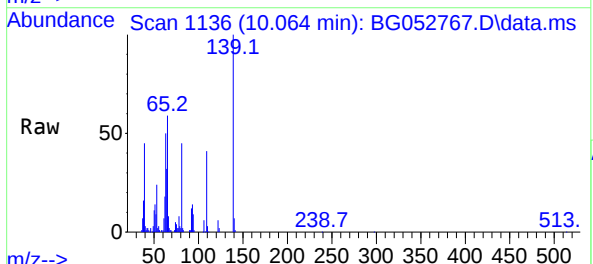
Tgt Ion: 82 Resp: 38651
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 15.2 12.6 18.8

Manual Integrations
APPROVED

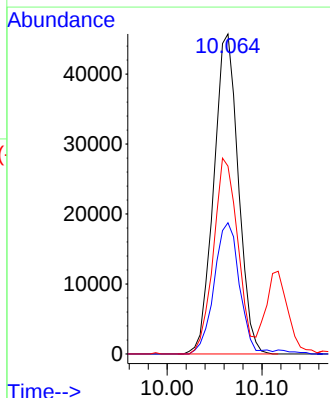
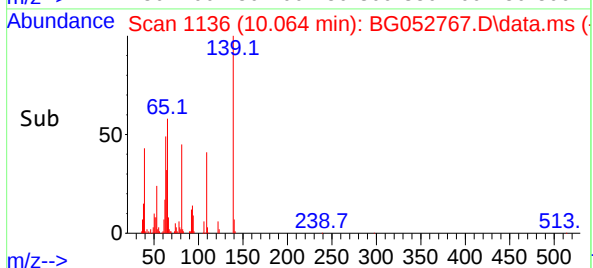
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

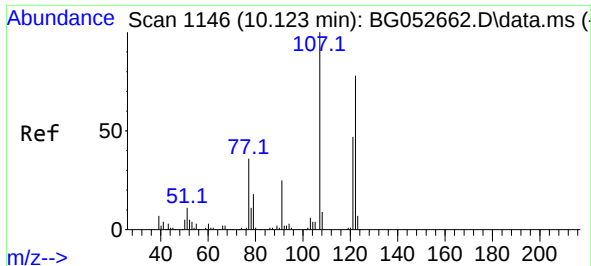


#26
2-Nitrophenol
Concen: 63.304 ng
RT: 10.064 min Scan# 1136
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion:139 Resp: 82353
Ion Ratio Lower Upper
139 100
109 41.0 29.4 44.0
65 58.7 48.2 72.2





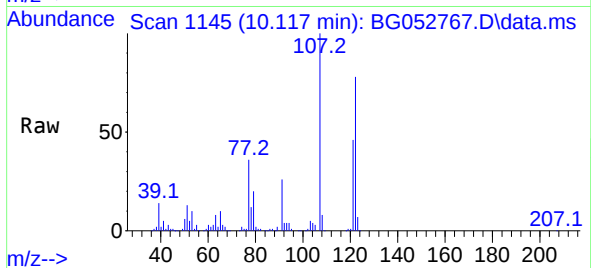
#27
2,4-Dimethylphenol
Concen: 58.098 ng
RT: 10.117 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD

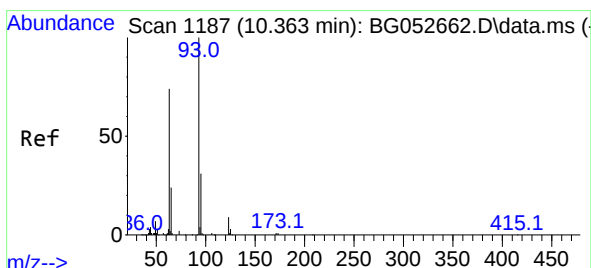
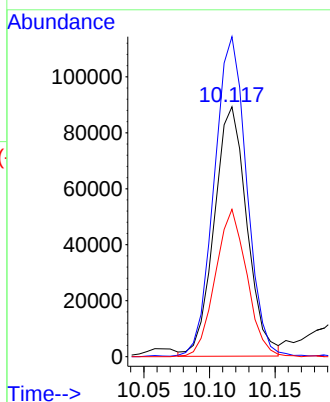
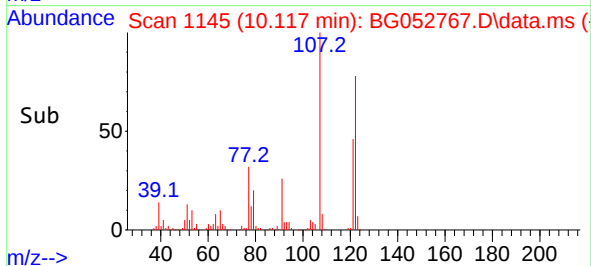


Tgt Ion:122 Resp: 154629
Ion Ratio Lower Upper
122 100
107 128.0 96.7 145.1
121 59.0 46.3 69.5

Manual Integrations

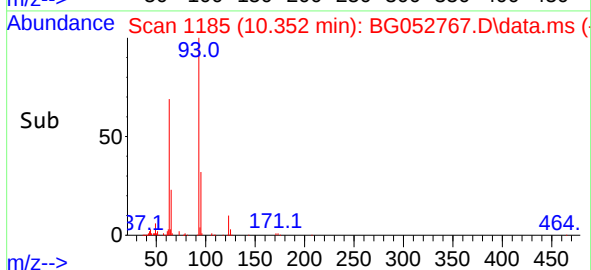
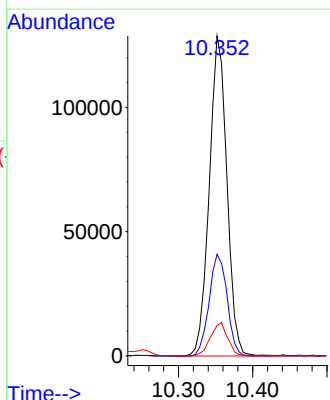
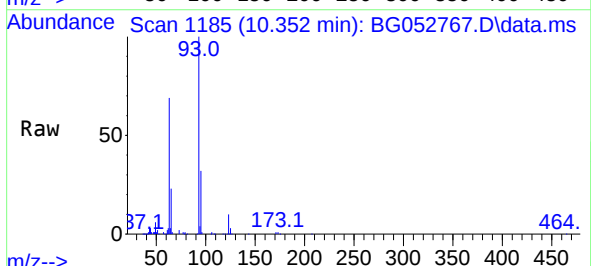
APPROVED

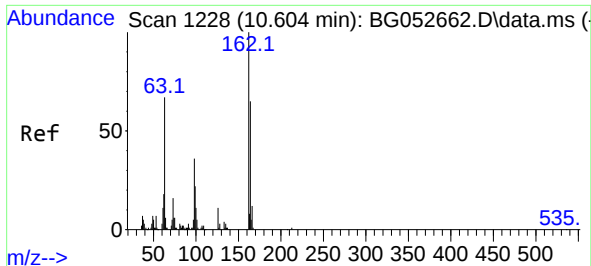
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.482 ng
RT: 10.352 min Scan# 1185
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion: 93 Resp: 212110
Ion Ratio Lower Upper
93 100
95 31.8 26.5 39.7
123 9.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 54.630 ng

RT: 10.599 min Scan# 1227

Delta R.T. -0.005 min

Lab File: BG052767.D

Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD

Tgt Ion:162 Resp: 163600

Ion Ratio Lower Upper

162 100

164 64.5 44.0 84.0

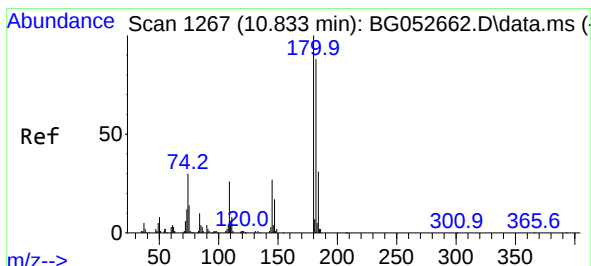
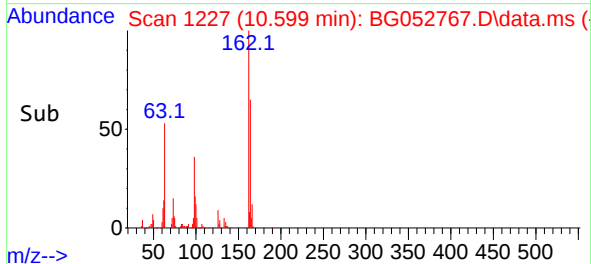
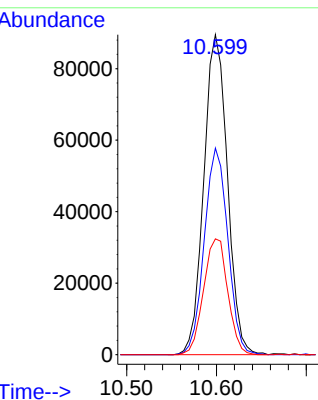
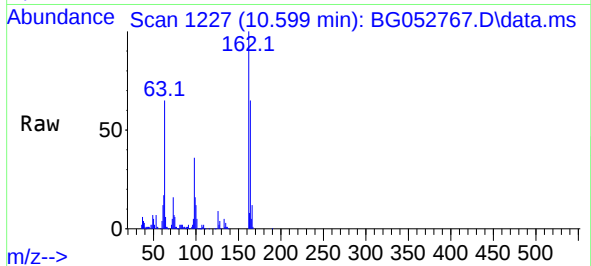
98 36.2 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 50.487 ng

RT: 10.822 min Scan# 1265

Delta R.T. -0.011 min

Lab File: BG052767.D

Acq: 21 Mar 2022 14:34

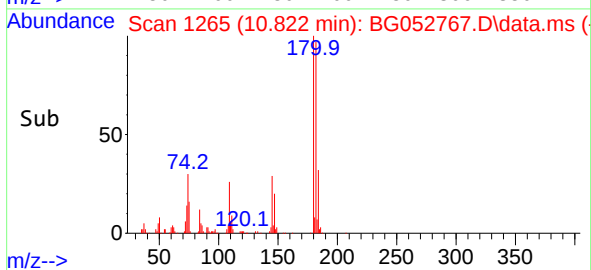
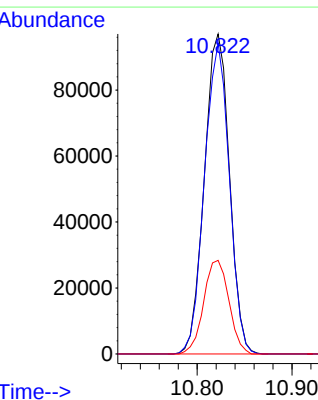
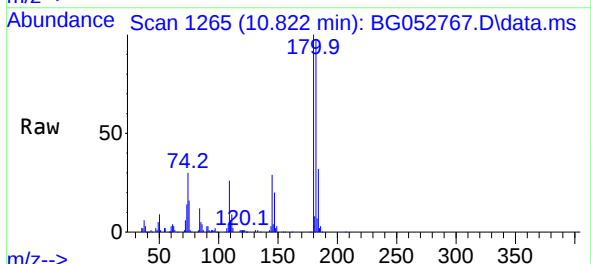
Tgt Ion:180 Resp: 178365

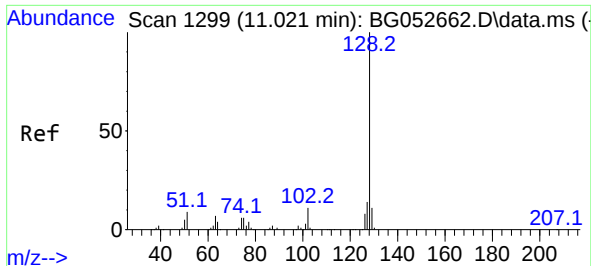
Ion Ratio Lower Upper

180 100

182 97.2 77.8 116.6

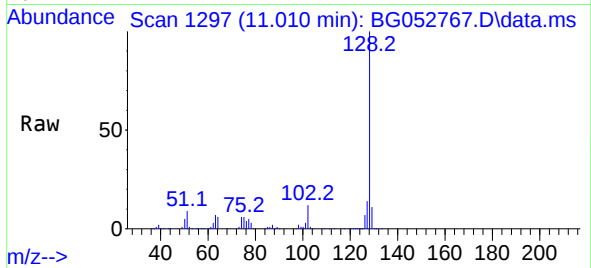
145 29.2 24.4 36.6





#31
Naphthalene
Concen: 49.390 ng
RT: 11.010 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

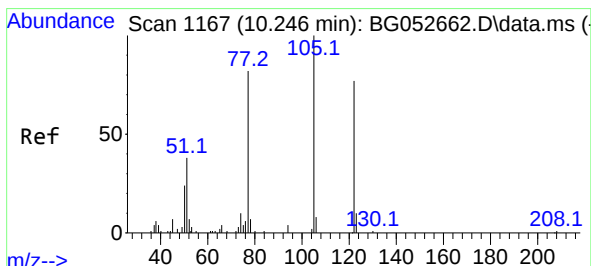
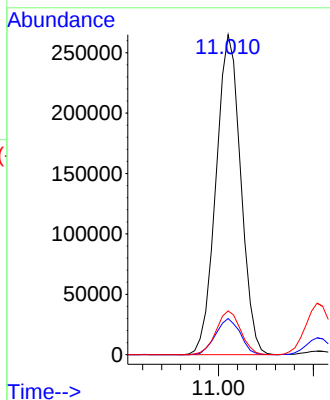
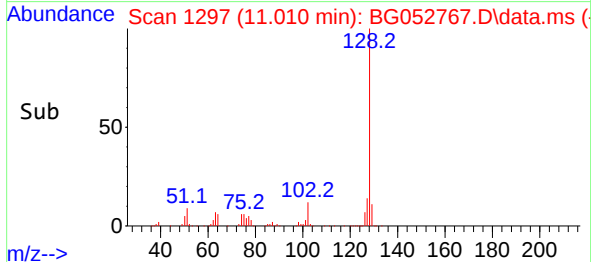
Instrument :
BNA_G
ClientSampleId :
124042MSD



Tgt Ion:128 Resp: 479940
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.5 15.7

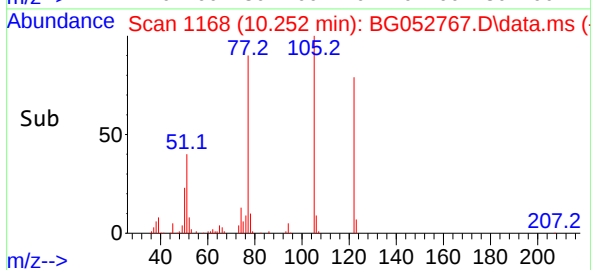
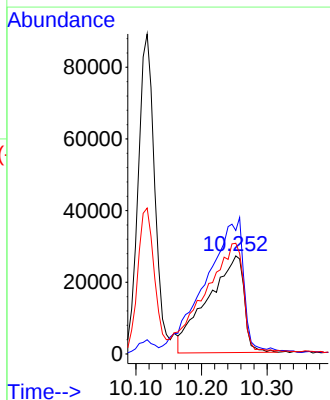
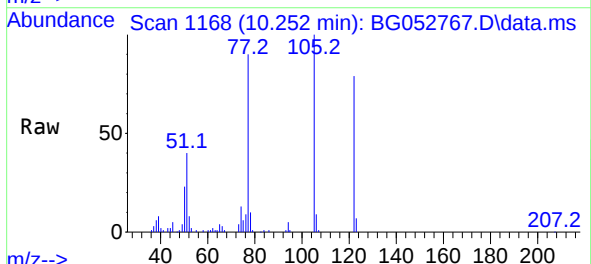
Manual Integrations
APPROVED

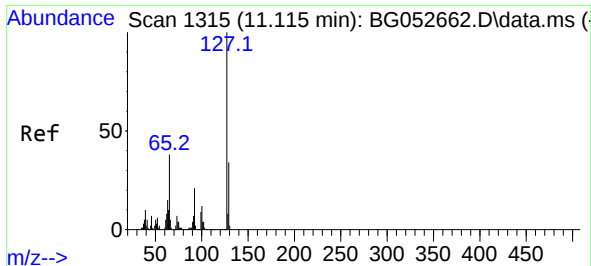
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 52.151 ng
RT: 10.252 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:122 Resp: 104170
Ion Ratio Lower Upper
122 100
105 125.9 112.8 152.8
77 112.9 78.4 118.4





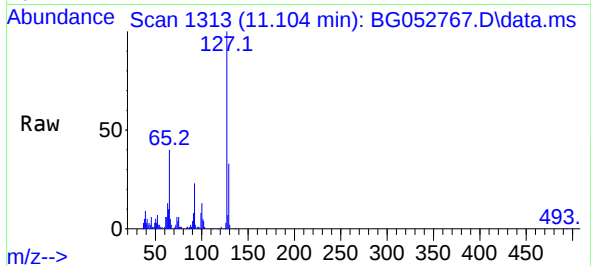
#33
4-Chloroaniline
Concen: 19.236 ng
RT: 11.104 min Scan# 1110
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD



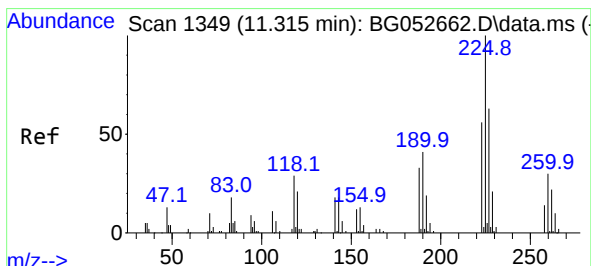
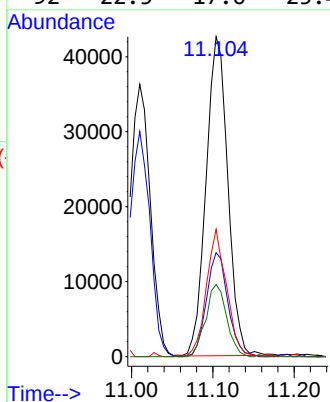
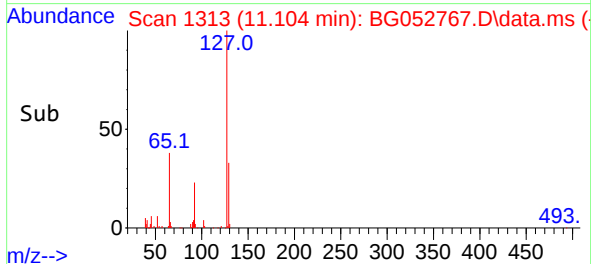
Tgt Ion:127 Resp: 79220

Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.6	41.4
65	39.8	28.2	42.4
92	22.5	17.0	25.4

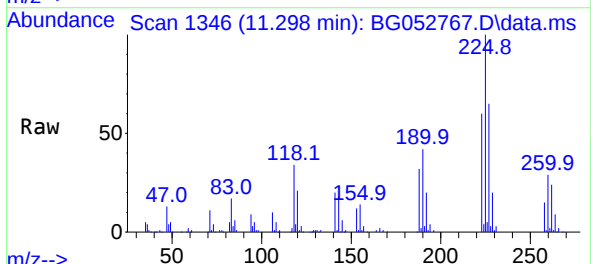
Manual Integrations

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Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

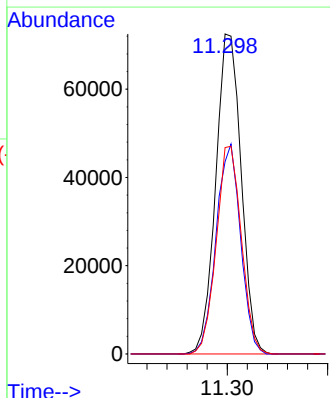
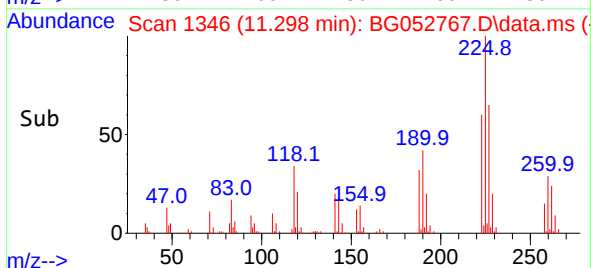


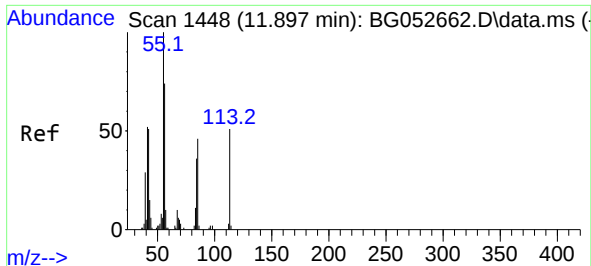
#34
Hexachlorobutadiene
Concen: 50.267 ng
RT: 11.298 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion:225 Resp: 127325

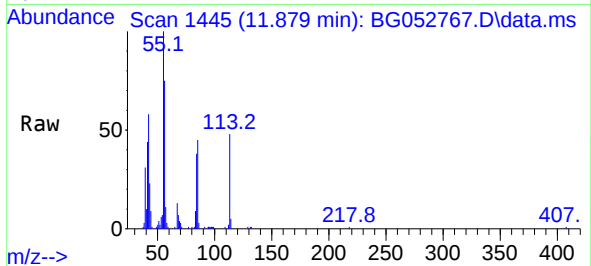
Ion	Ratio	Lower	Upper
225	100		
223	60.1	50.2	75.2
227	64.5	52.0	78.0





#35
Caprolactam
Concen: 62.498 ng m
RT: 11.879 min Scan# 14
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

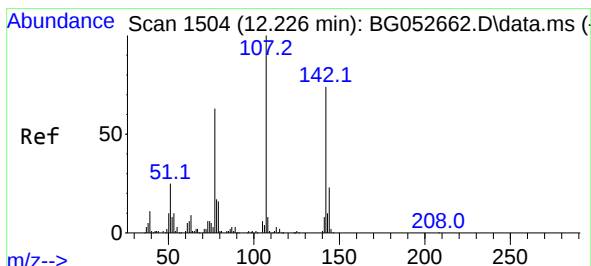
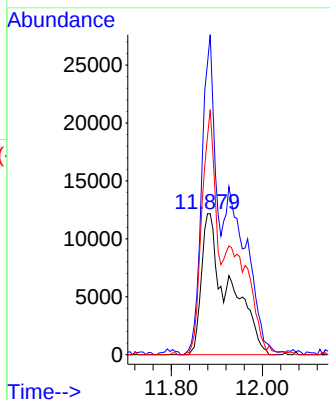
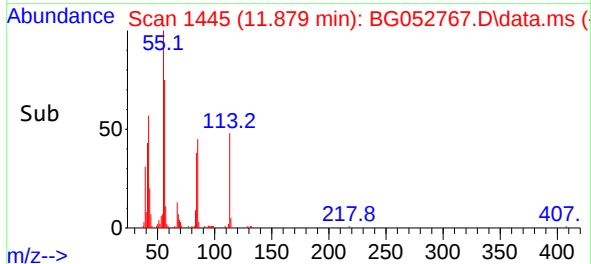
Instrument :
BNA_G
ClientSampleId :
124042MSD



Tgt Ion:113 Resp: 5110
Ion Ratio Lower Upper
113 100
55 206.5 151.3 191.3
56 154.5 128.5 168.5

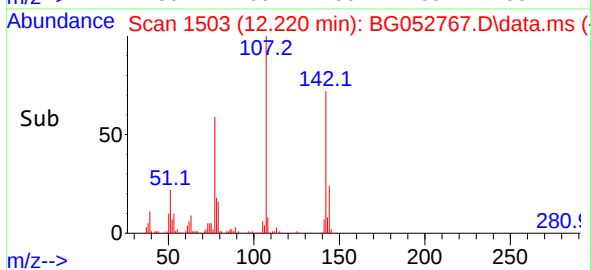
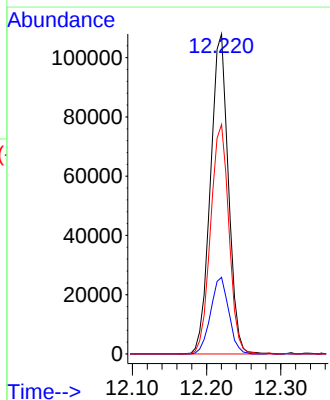
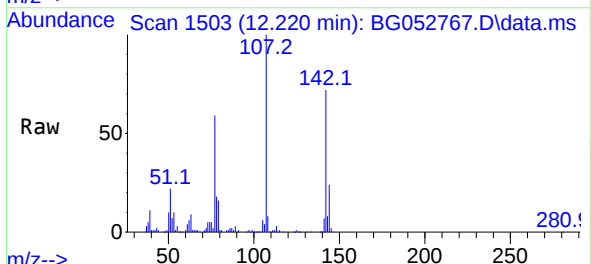
Manual Integrations
APPROVED

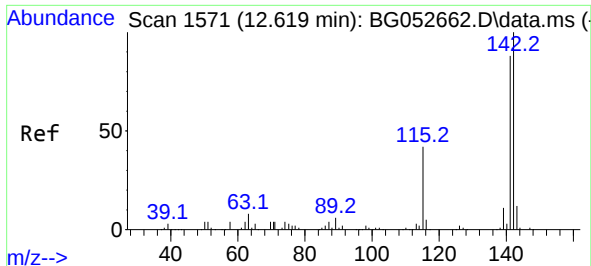
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#36
4-Chloro-3-methylphenol
Concen: 52.020 ng
RT: 12.220 min Scan# 1503
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:107 Resp: 180907
Ion Ratio Lower Upper
107 100
144 24.0 21.4 32.0
142 71.7 61.7 92.5





#37

2-Methylnaphthalene

Concen: 47.978 ng

RT: 12.608 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG052767.D

Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

124042MSD

Tgt Ion:142 Resp: 341429

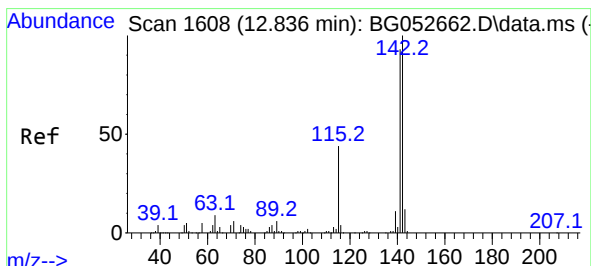
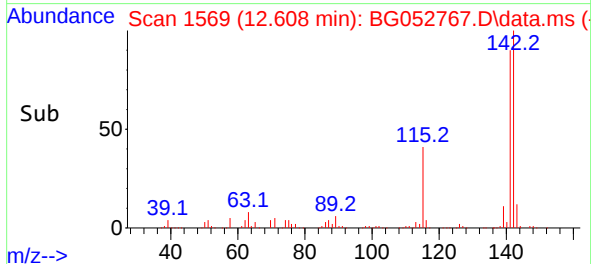
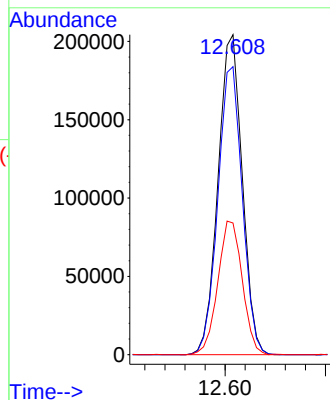
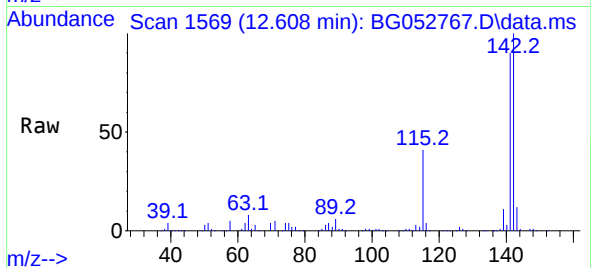
Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	41.2	29.5	44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#38

1-Methylnaphthalene

Concen: 47.983 ng m

RT: 12.819 min Scan# 1605

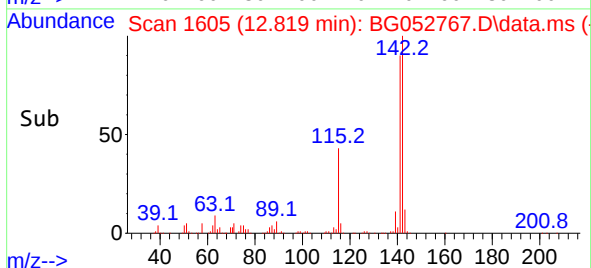
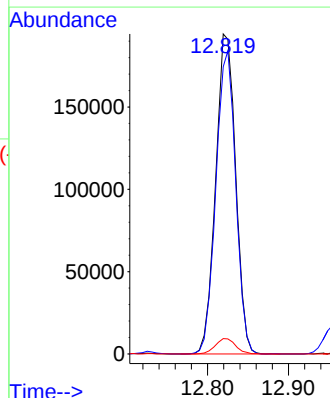
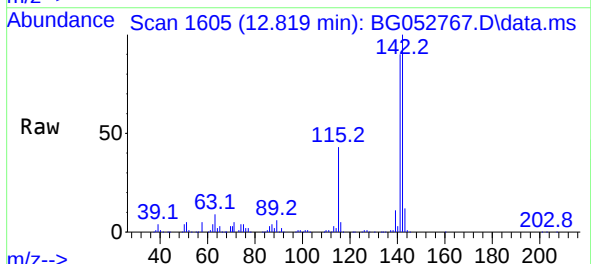
Delta R.T. -0.017 min

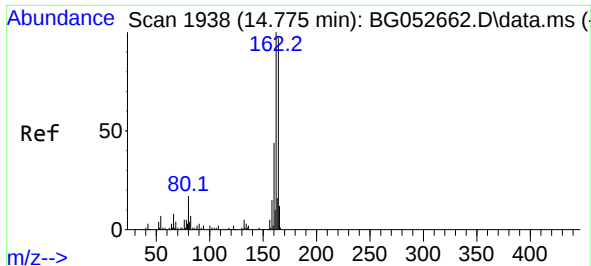
Lab File: BG052767.D

Acq: 21 Mar 2022 14:34

Tgt Ion:142 Resp: 333258

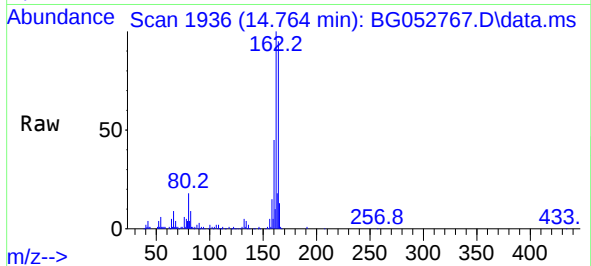
Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.5	105.7
116	4.8	3.1	4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1936
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

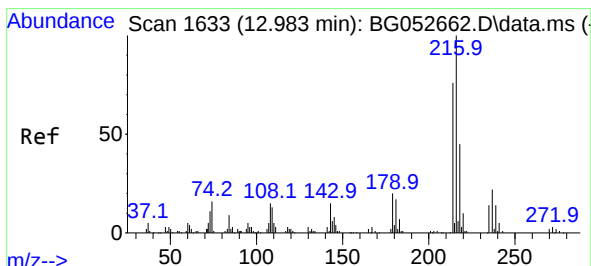
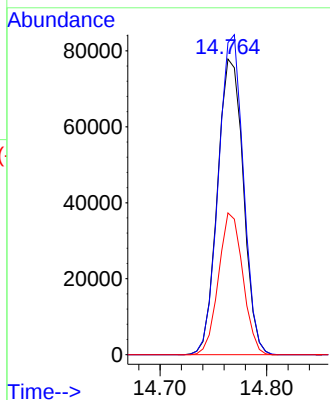
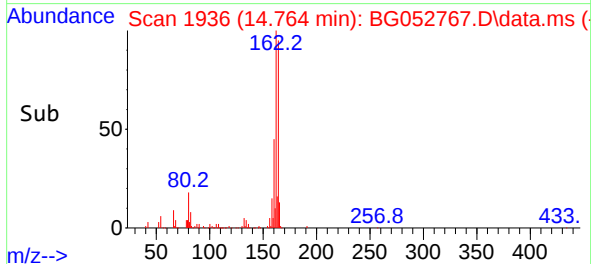
Instrument :
BNA_G
ClientSampleId :
124042MSD



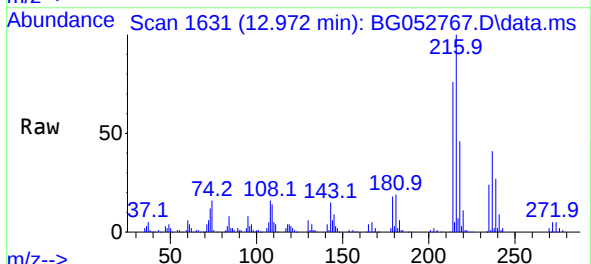
Tgt Ion:164 Resp: 13116
Ion Ratio Lower Upper
164 100
162 105.5 80.0 120.0
160 47.9 38.8 58.2

Manual Integrations
APPROVED

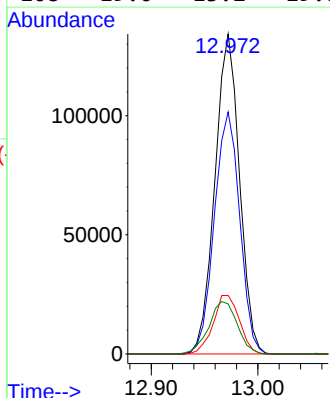
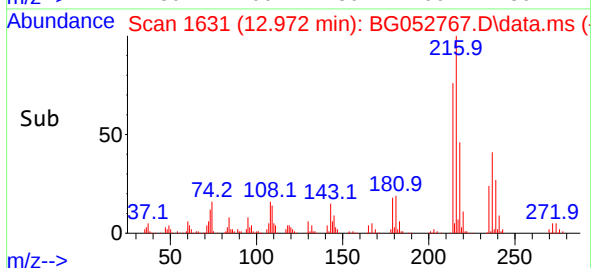
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

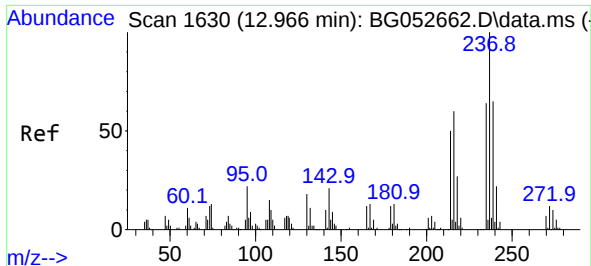


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.407 ng
RT: 12.972 min Scan# 1631
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



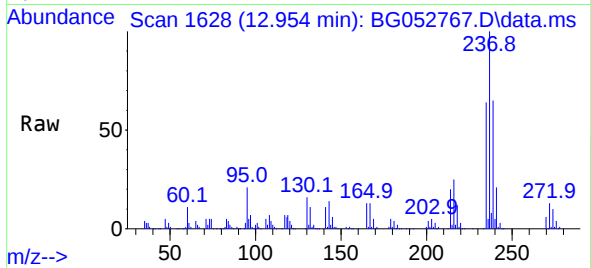
Tgt Ion:216 Resp: 214757
Ion Ratio Lower Upper
216 100
214 78.0 63.8 95.6
179 19.5 15.7 23.5
108 19.0 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 108.776 ng
RT: 12.954 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

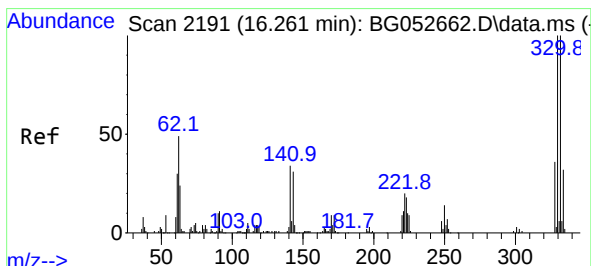
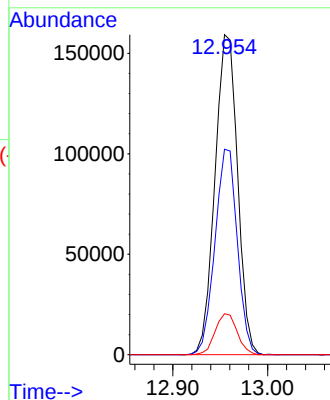
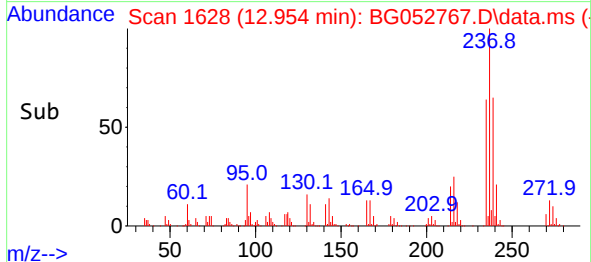
Instrument :
BNA_G
ClientSampleId :
124042MSD



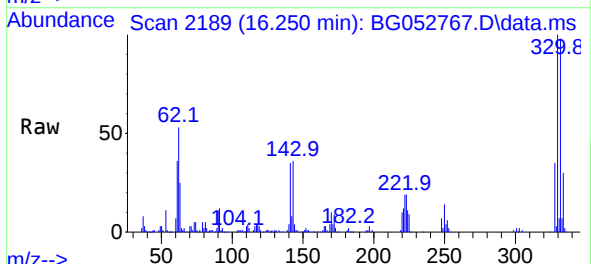
Tgt Ion:237 Resp: 264219
Ion Ratio Lower Upper
237 100
235 64.2 37.7 77.7
272 12.8 0.0 30.7

Manual Integrations
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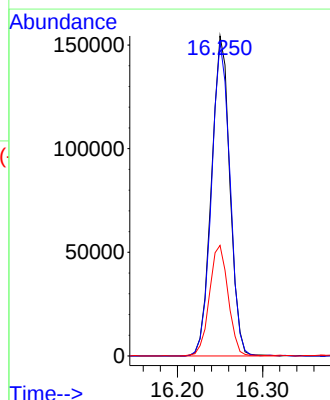
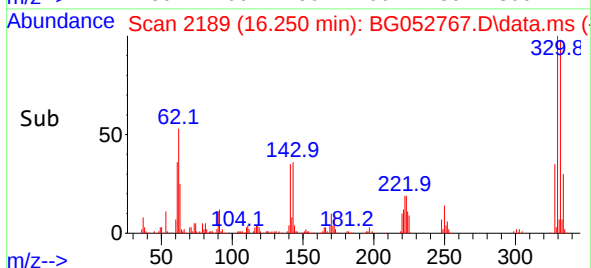
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

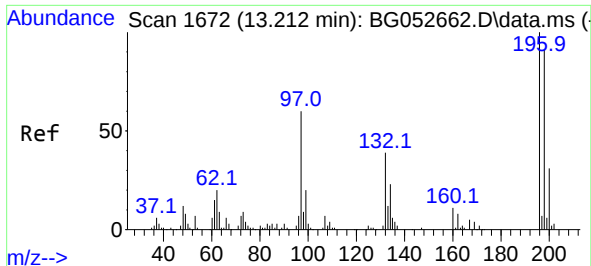


#42
2,4,6-Tribromophenol
Concen: 131.001 ng
RT: 16.250 min Scan# 2189
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



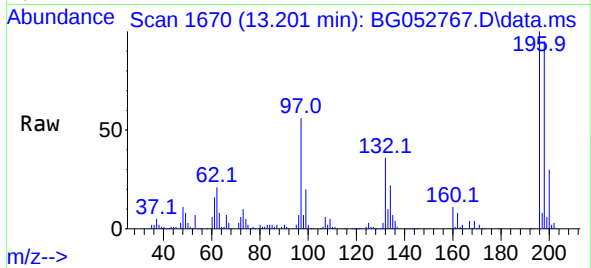
Tgt Ion:330 Resp: 230890
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.6
141 35.3 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 56.487 ng
RT: 13.201 min Scan# 1670
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

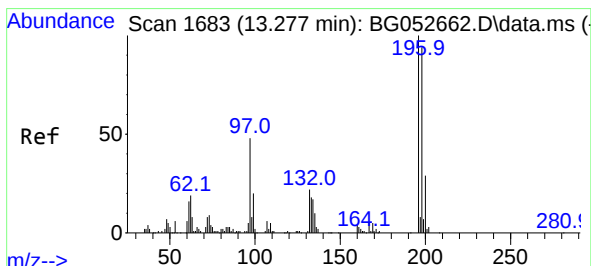
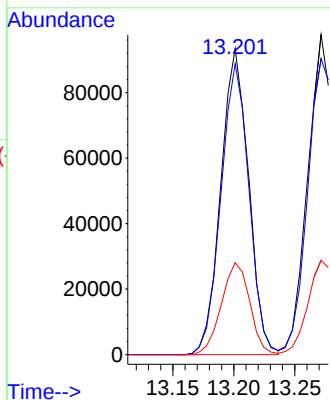
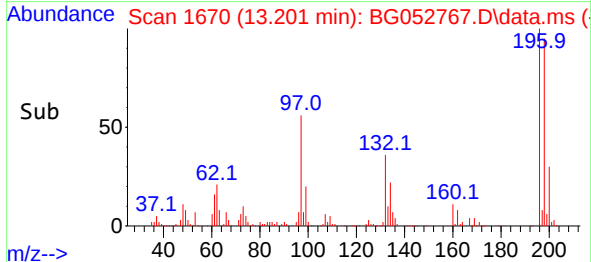
Instrument :
BNA_G
ClientSampleId :
124042MSD



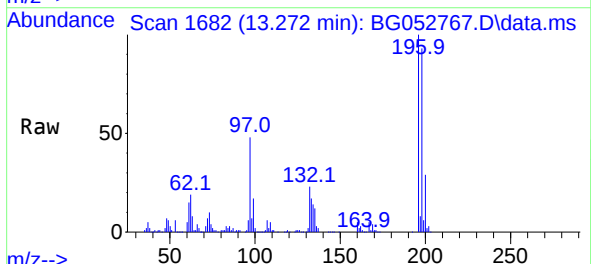
Tgt Ion:196 Resp: 14823
Ion Ratio Lower Upper
196 100
198 95.1 78.8 118.2
200 30.0 25.1 37.7

Manual Integrations
APPROVED

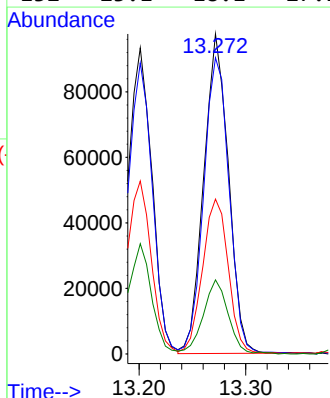
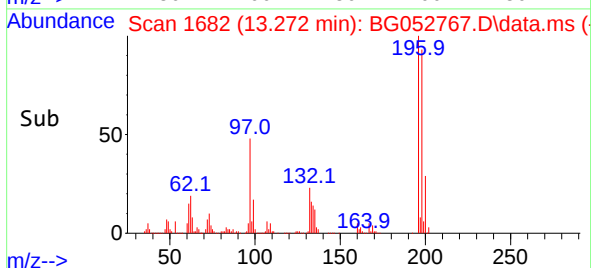
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

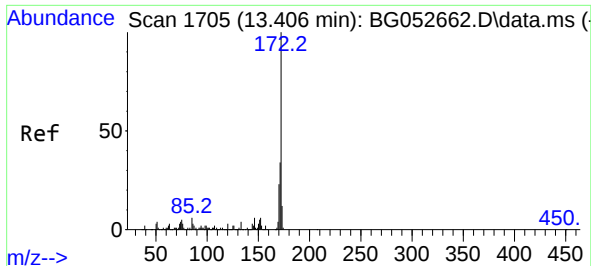


#44
2,4,5-Trichlorophenol
Concen: 58.945 ng
RT: 13.272 min Scan# 1682
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion:196 Resp: 157007
Ion Ratio Lower Upper
196 100
198 92.5 75.8 113.6
97 48.4 36.5 54.7
132 23.1 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 75.510 ng
RT: 13.395 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

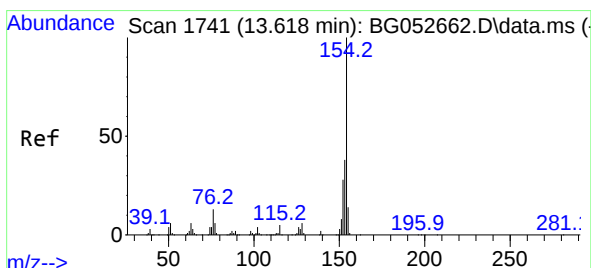
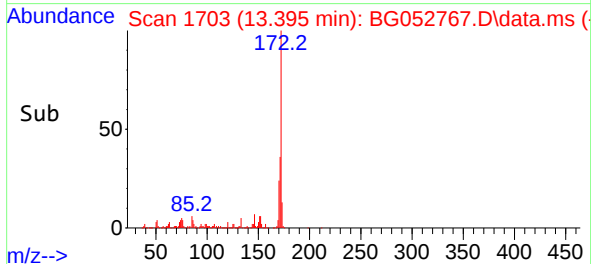
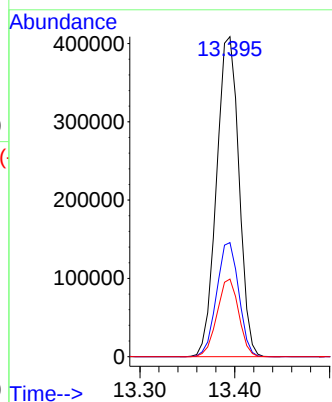
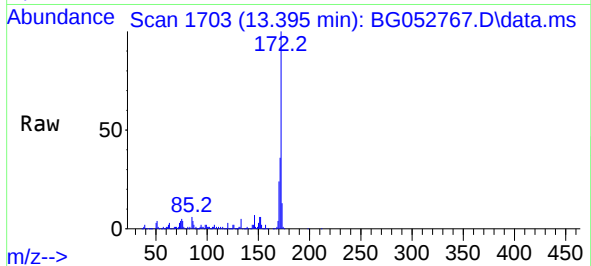
124042MSD

Tgt Ion:172 Resp: 671549
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 24.3 18.0 27.0

Manual Integrations

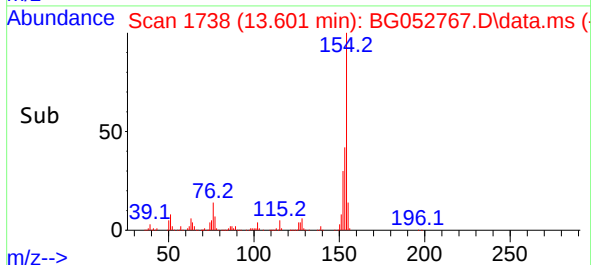
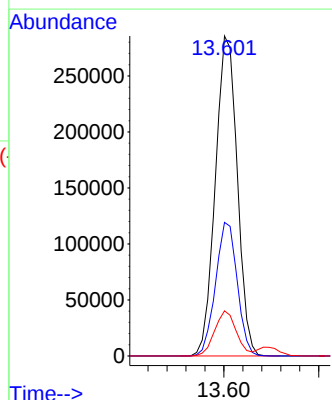
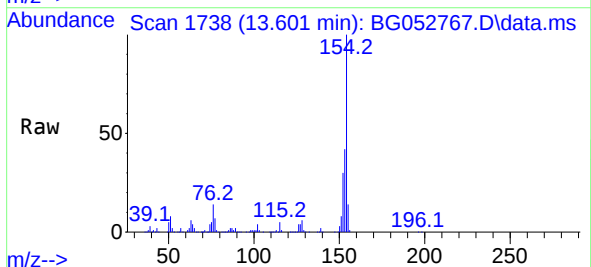
APPROVED

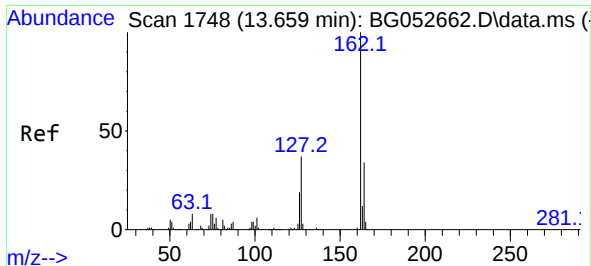
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#46
1,1'-Biphenyl
Concen: 50.050 ng
RT: 13.601 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

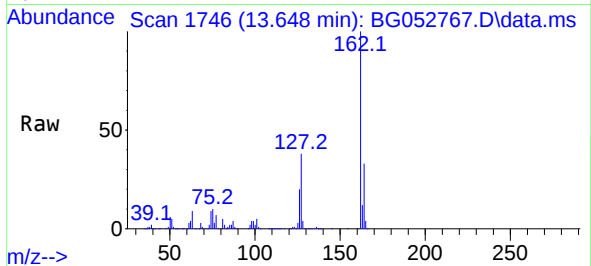
Tgt Ion:154 Resp: 459099
Ion Ratio Lower Upper
154 100
153 41.8 21.6 61.6
76 14.1 0.0 31.5





#47
2-Chloronaphthalene
Concen: 50.432 ng
RT: 13.648 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

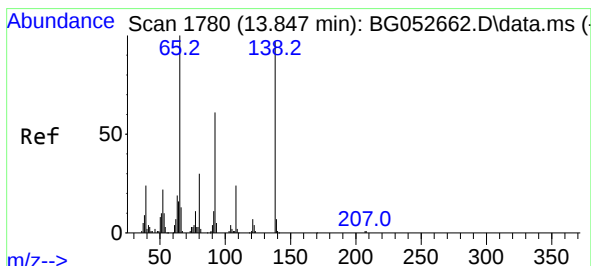
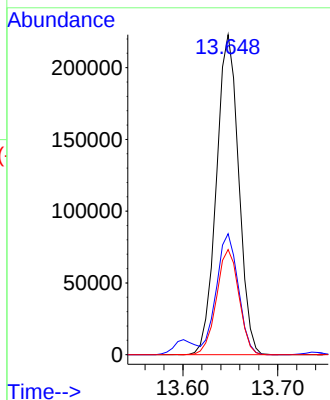
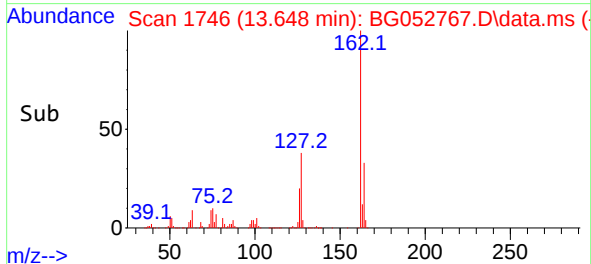
Instrument :
BNA_G
ClientSampleId :
124042MSD



Tgt Ion:162 Resp: 36430
Ion Ratio Lower Upper
162 100
127 37.8 28.1 42.1
164 32.8 26.0 39.0

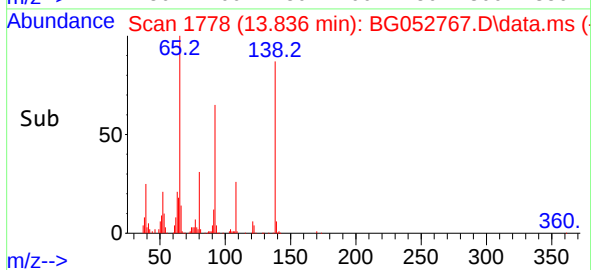
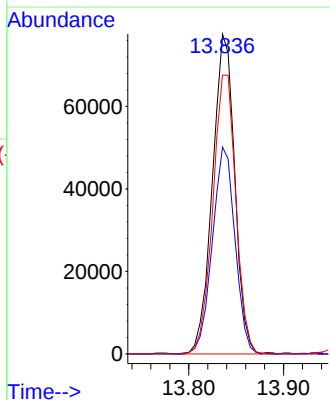
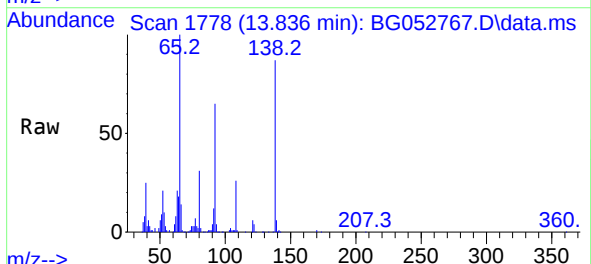
Manual Integrations
APPROVED

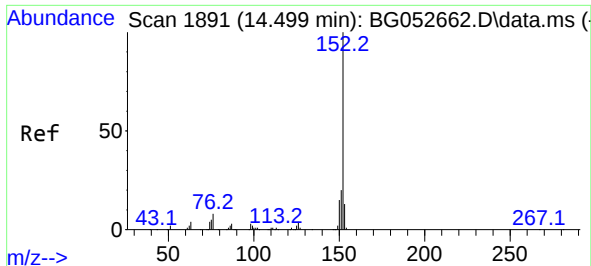
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#48
2-Nitroaniline
Concen: 64.150 ng
RT: 13.836 min Scan# 1778
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

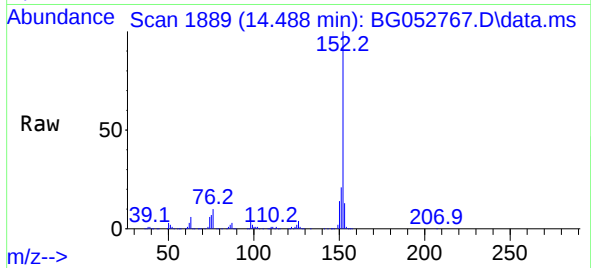
Tgt Ion: 65 Resp: 126735
Ion Ratio Lower Upper
65 100
92 64.7 52.1 78.1
138 87.1 80.1 120.1





#49
Acenaphthylene
Concen: 52.249 ng
RT: 14.488 min Scan# 1889
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

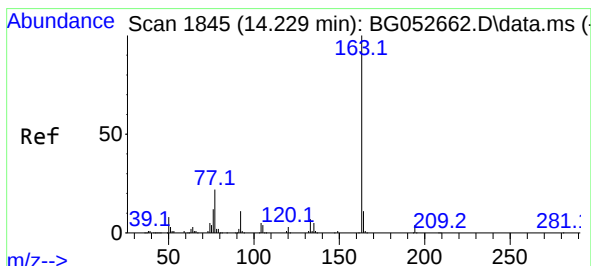
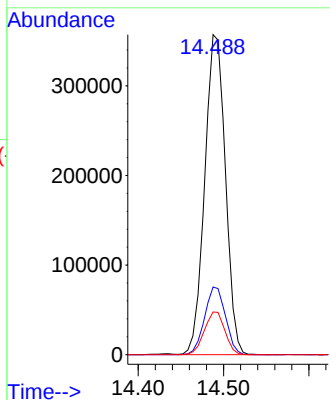
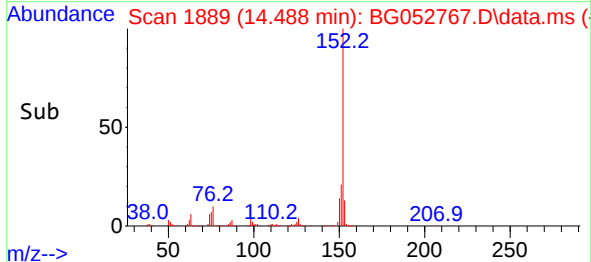
Instrument :
BNA_G
ClientSampleId :
124042MSD



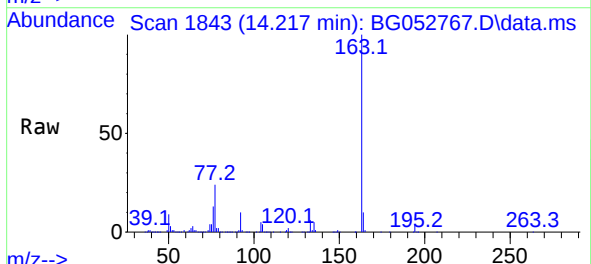
Tgt Ion:152 Resp: 601669
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.6
153 13.4 10.6 15.8

Manual Integrations
APPROVED

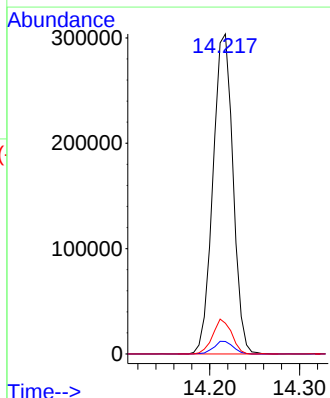
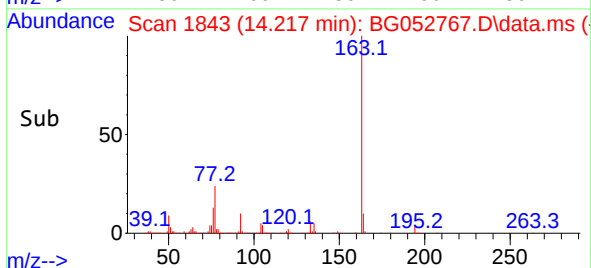
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

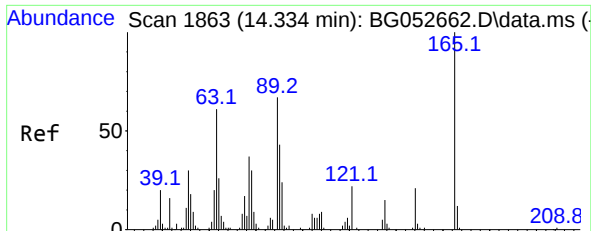


#50
Dimethylphthalate
Concen: 48.259 ng
RT: 14.217 min Scan# 1843
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



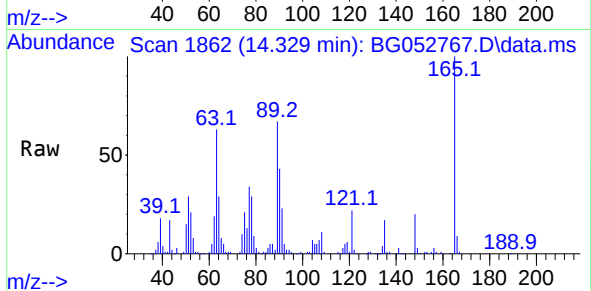
Tgt Ion:163 Resp: 470440
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 61.243 ng
RT: 14.329 min Scan# 1862
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

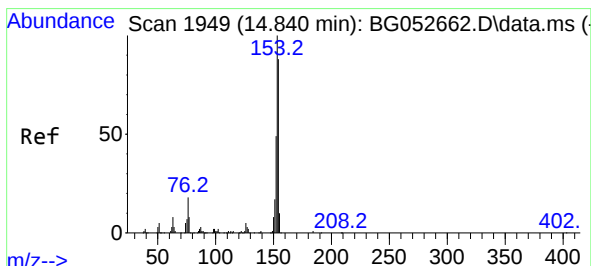
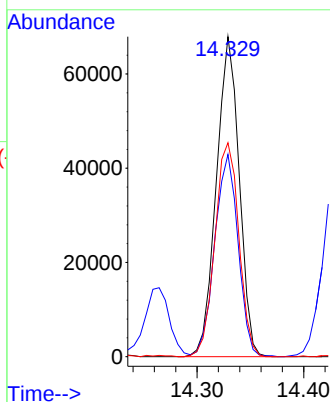
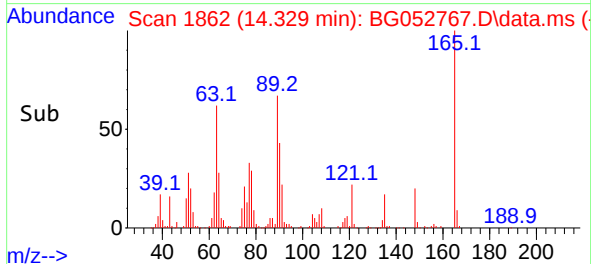
Instrument :
BNA_G
ClientSampleId :
124042MSD



Tgt Ion:165 Resp: 100798
Ion Ratio Lower Upper
165 100
63 63.2 43.7 65.5
89 66.8 45.0 67.4

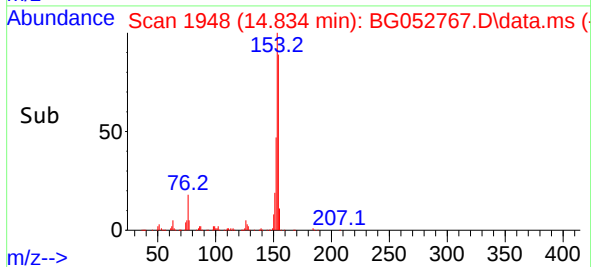
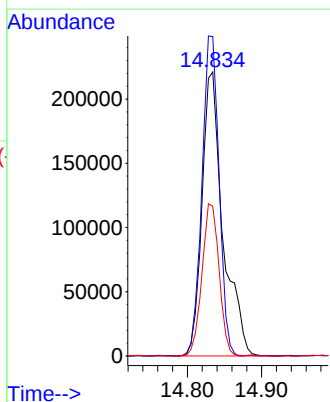
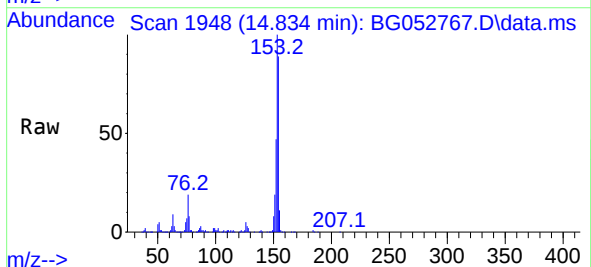
Manual Integrations
APPROVED

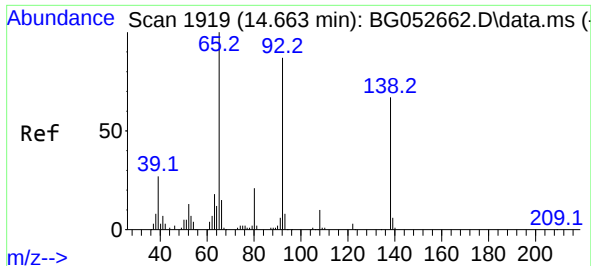
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#52
Acenaphthene
Concen: 58.994 ng
RT: 14.834 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

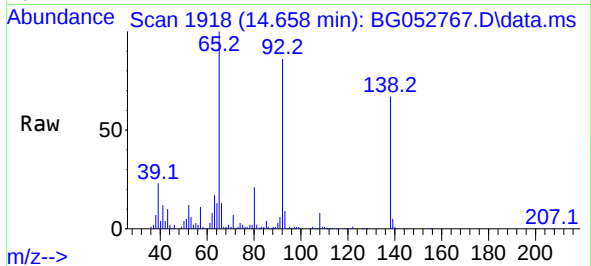
Tgt Ion:154 Resp: 435210
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.4
152 52.7 40.5 60.7





#53
3-Nitroaniline
Concen: 35.129 ng
RT: 14.658 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

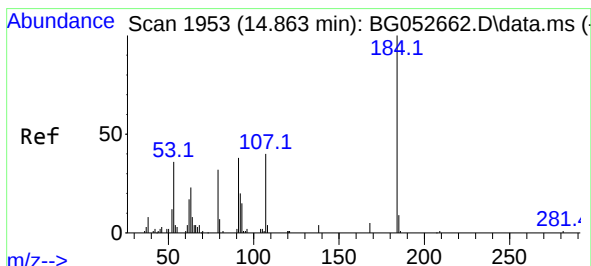
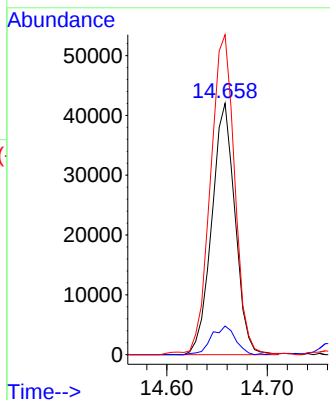
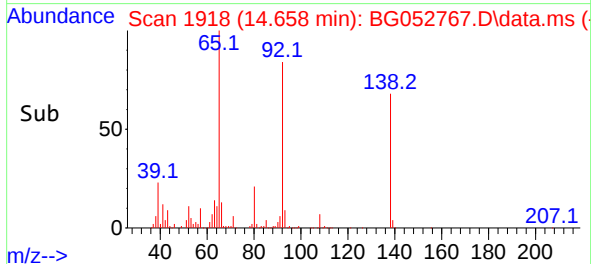
Instrument :
BNA_G
ClientSampleId :
124042MSD



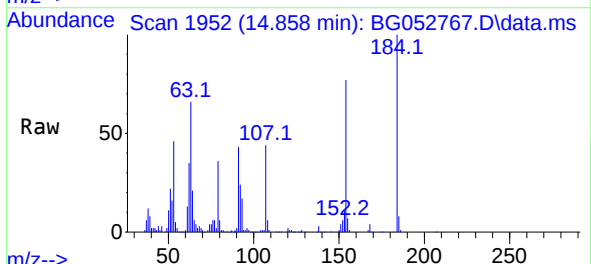
Tgt Ion:138 Resp: 6765
Ion Ratio Lower Upper
138 100
108 11.4 8.0 12.0
92 127.3 96.2 144.2

Manual Integrations
APPROVED

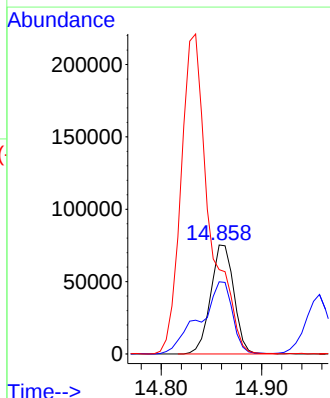
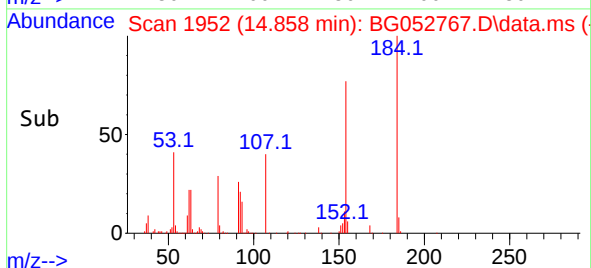
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

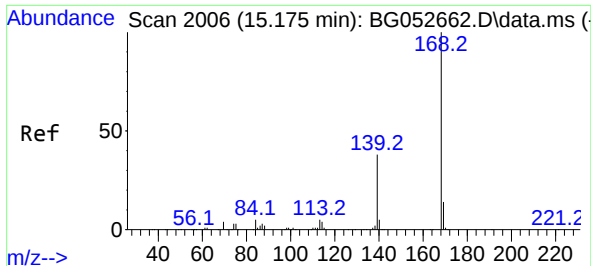


#54
2,4-Dinitrophenol
Concen: 134.685 ng
RT: 14.858 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion:184 Resp: 120833
Ion Ratio Lower Upper
184 100
63 66.2 51.8 77.6
154 77.3 47.8 71.6#





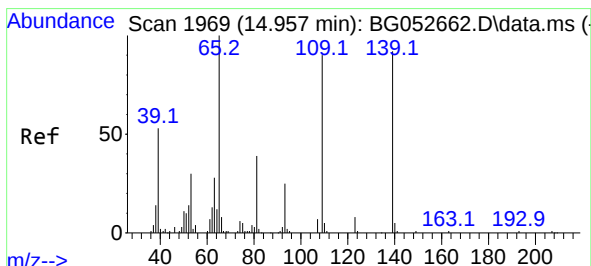
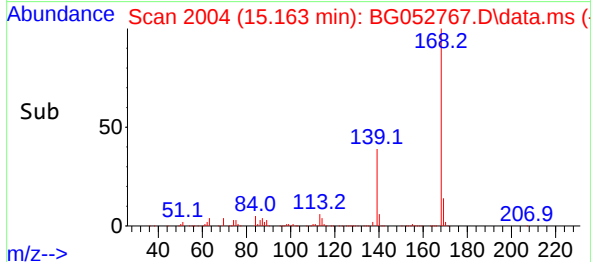
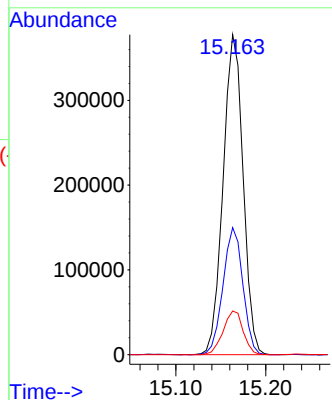
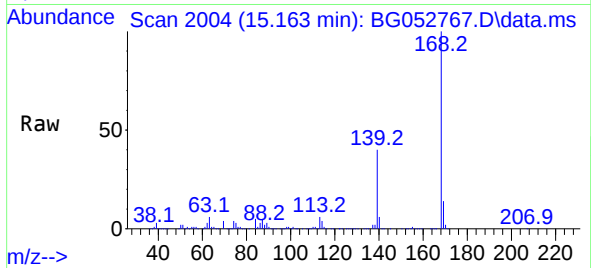
#55
Dibenzenofuran
Concen: 48.354 ng
RT: 15.163 min Scan# 20
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :
BNA_G
ClientSampleId :
124042MSD

Tgt Ion:168 Resp: 582534
Ion Ratio Lower Upper
168 100
139 39.7 30.2 45.4
169 13.6 10.7 16.1

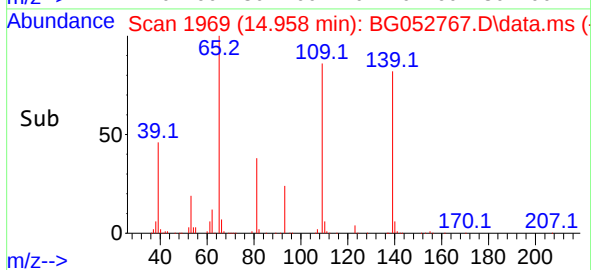
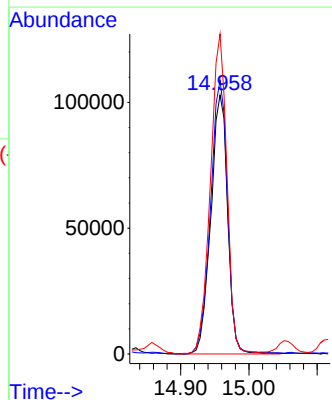
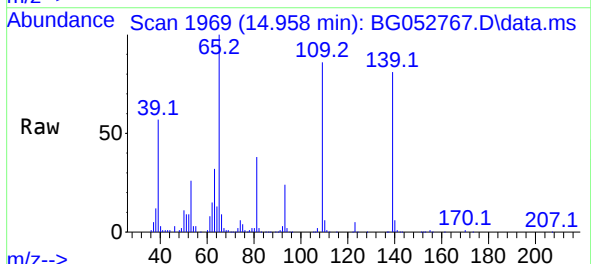
Manual Integrations
APPROVED

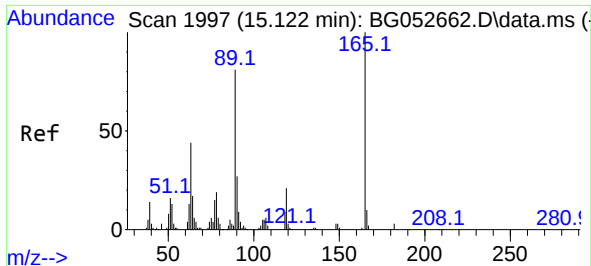
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#56
4-Nitrophenol
Concen: 112.479 ng
RT: 14.958 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

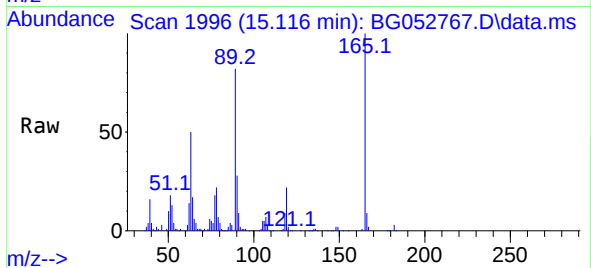
Tgt Ion:139 Resp: 176708
Ion Ratio Lower Upper
139 100
109 105.7 67.1 107.1
65 123.6 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 61.049 ng
RT: 15.116 min Scan# 1996
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

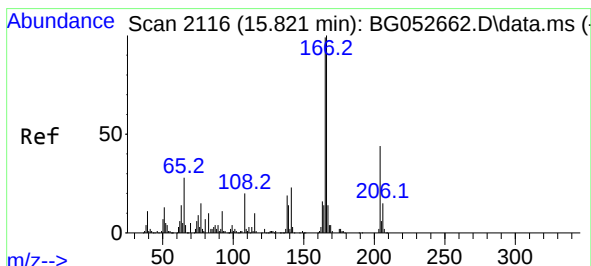
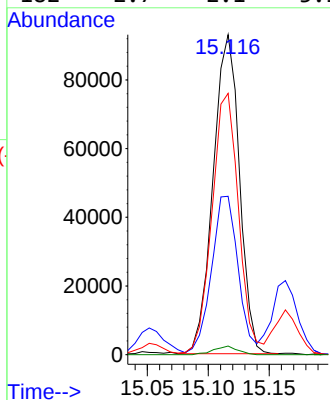
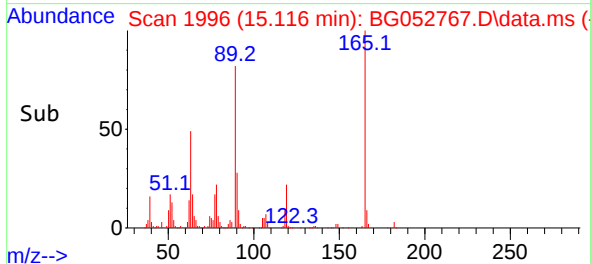
Instrument :
BNA_G
ClientSampleId :
124042MSD



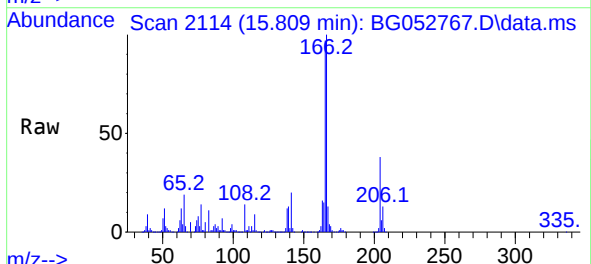
Tgt Ion:165 Resp: 139414
Ion Ratio Lower Upper
165 100
63 49.5 34.8 52.2
89 81.7 57.4 86.0
182 2.7 2.1 3.1

Manual Integrations
APPROVED

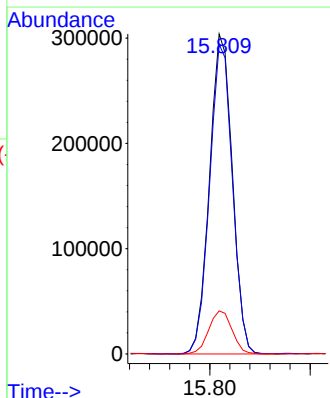
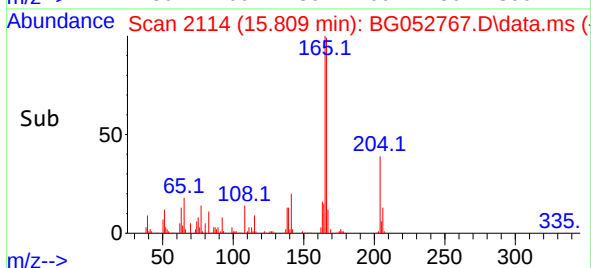
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

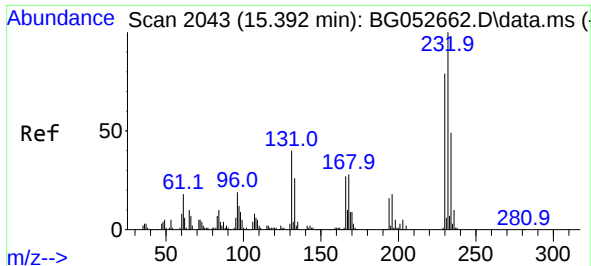


#58
Fluorene
Concen: 48.854 ng
RT: 15.809 min Scan# 2114
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



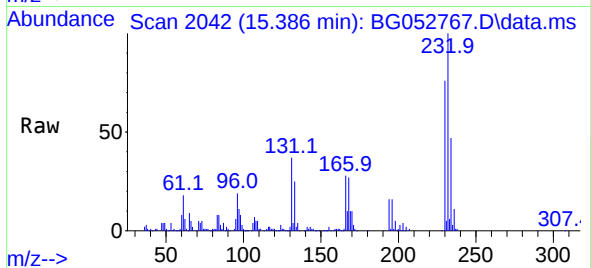
Tgt Ion:166 Resp: 479761
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.844 ng
RT: 15.386 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

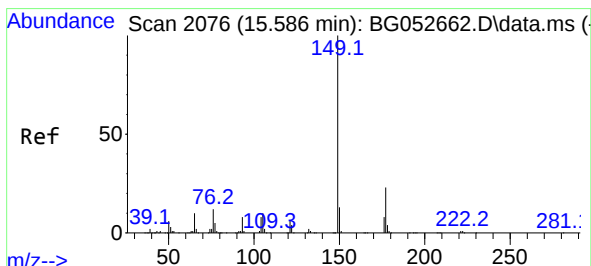
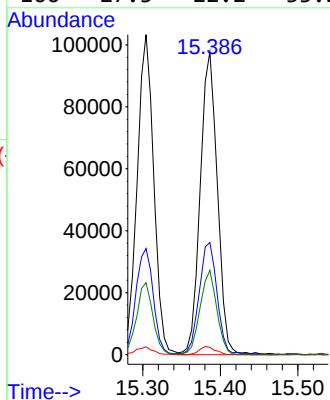
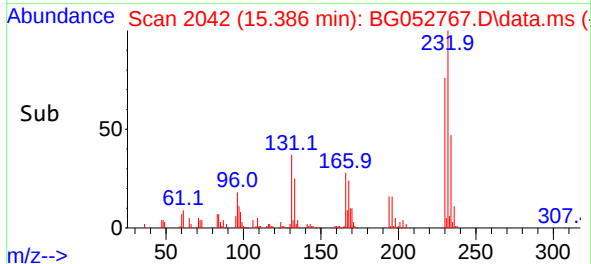
Instrument :
BNA_G
ClientSampleId :
124042MSD



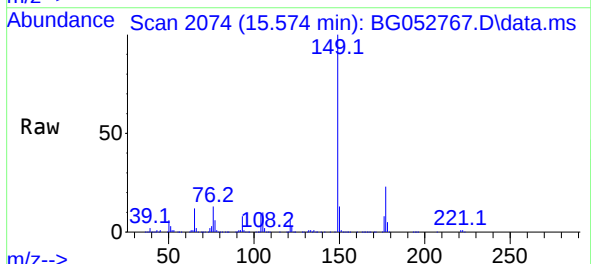
Tgt Ion:232 Resp: 150450
Ion Ratio Lower Upper
232 100
131 38.1 30.1 45.1
130 2.5 1.8 2.8
166 27.3 22.2 33.2

Manual Integrations
APPROVED

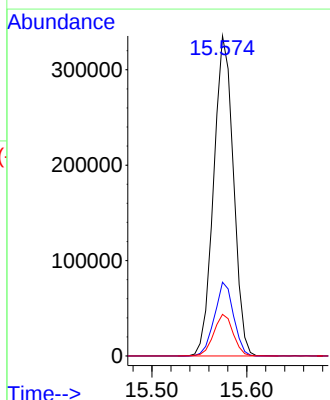
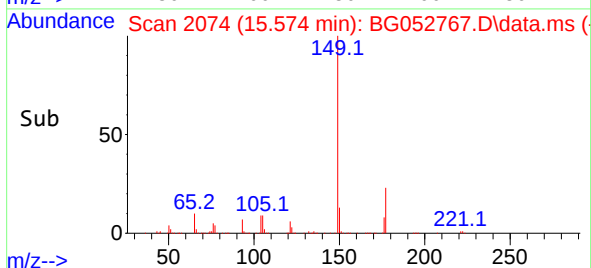
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

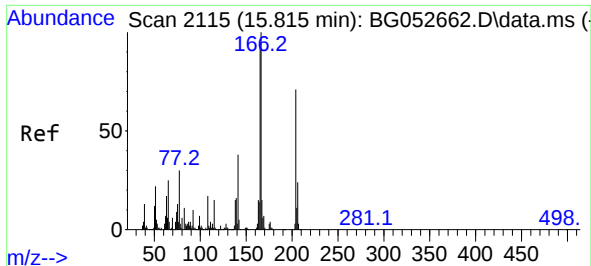


#60
Diethylphthalate
Concen: 47.199 ng
RT: 15.574 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



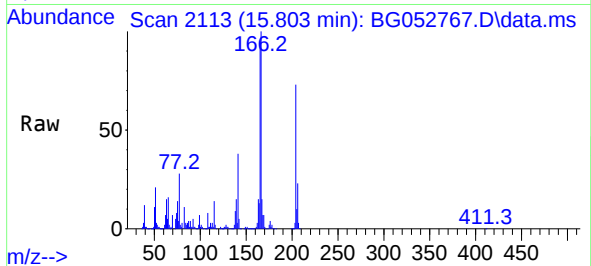
Tgt Ion:149 Resp: 485680
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.478 ng
RT: 15.803 min Scan# 2113
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

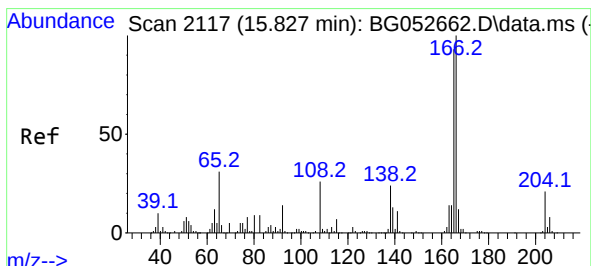
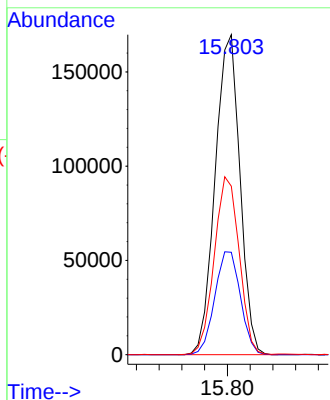
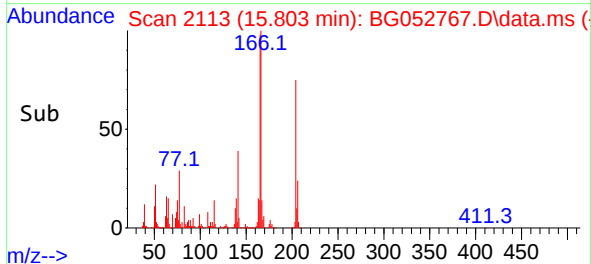
Instrument :
BNA_G
ClientSampleId :
124042MSD



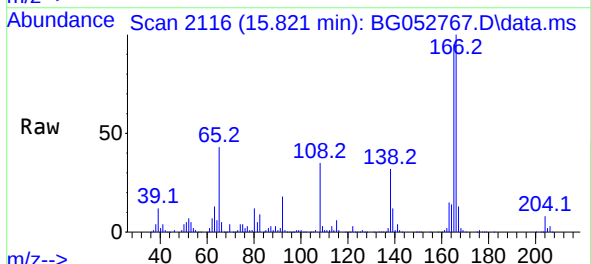
Tgt Ion:204 Resp: 257134
Ion Ratio Lower Upper
204 100
206 32.0 28.3 42.5
141 52.7 45.8 68.8

Manual Integrations
APPROVED

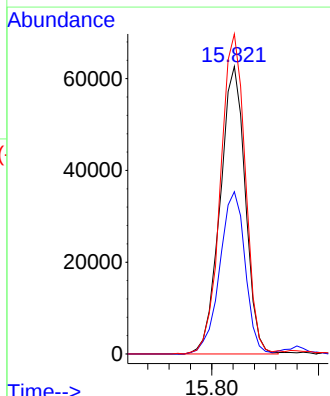
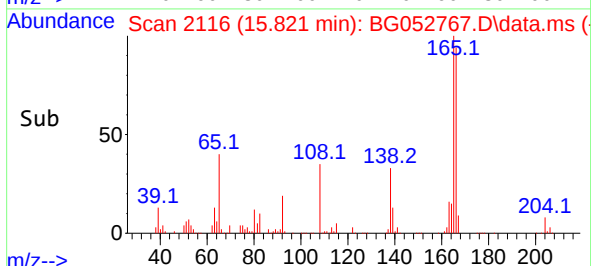
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

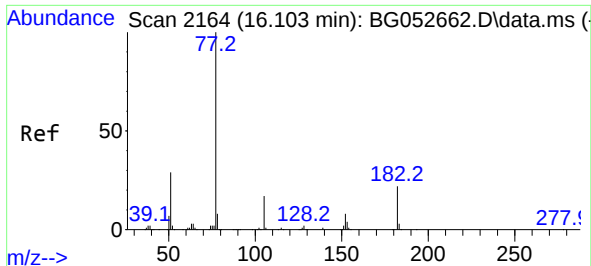


#62
4-Nitroaniline
Concen: 50.390 ng
RT: 15.821 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



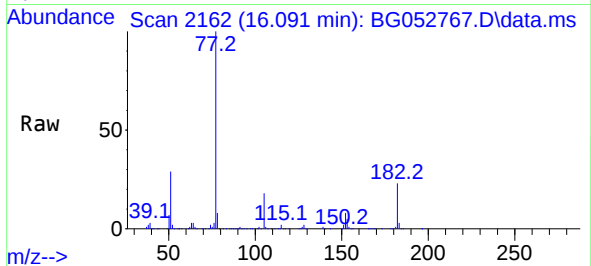
Tgt Ion:138 Resp: 102546
Ion Ratio Lower Upper
138 100
92 56.4 33.3 73.3
108 111.3 74.2 114.2





#63
Azobenzene
Concen: 45.762 ng
RT: 16.091 min Scan# 2164
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

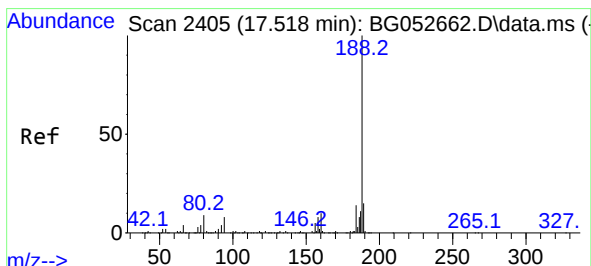
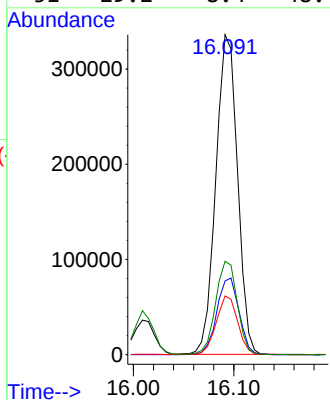
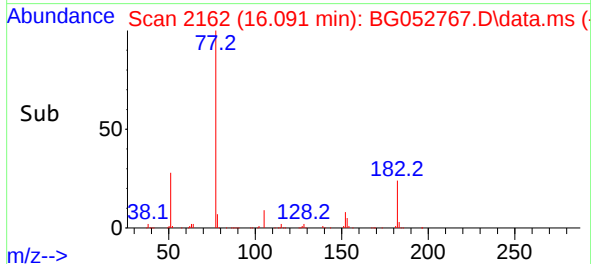
Instrument :
BNA_G
ClientSampleId :
124042MSD



Tgt Ion: 77 Resp: 503302
Ion Ratio Lower Upper
77 100
182 23.1 5.6 45.6
105 18.3 0.0 38.8
51 29.2 8.4 48.4

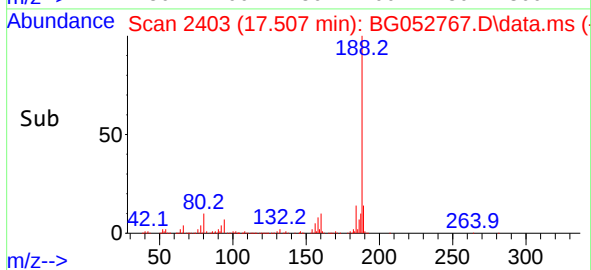
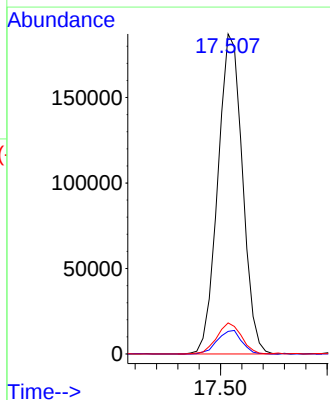
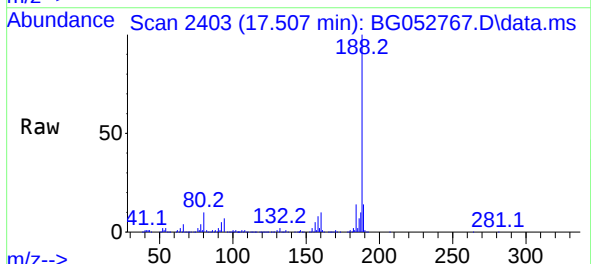
Manual Integrations
APPROVED

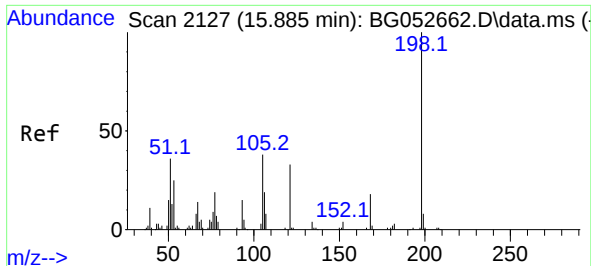
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2403
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:188 Resp: 299488
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 9.7 7.2 10.8





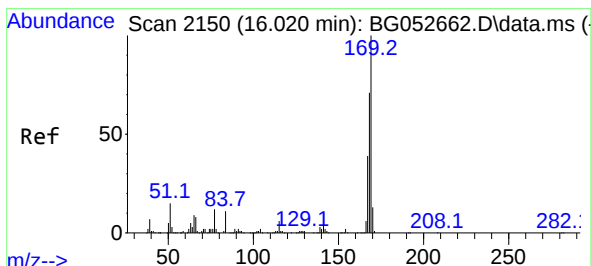
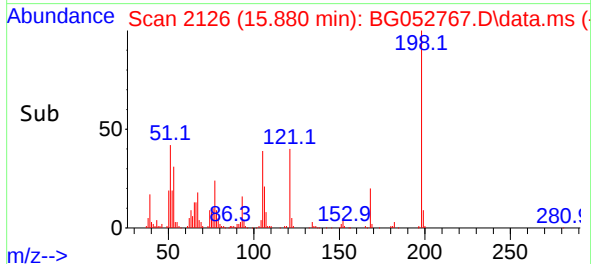
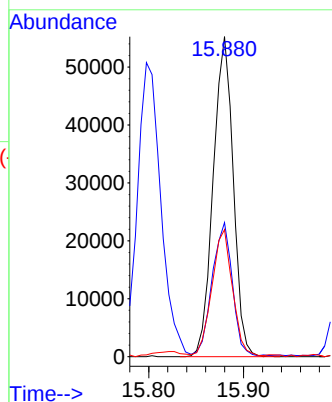
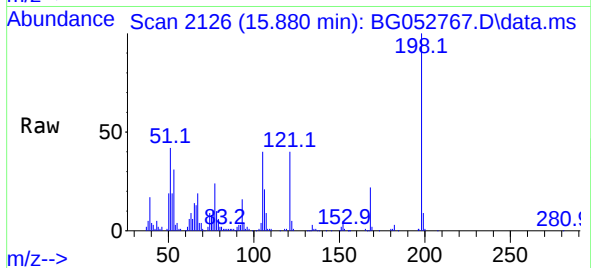
#65
4,6-Dinitro-2-methylphenol
Concen: 60.707 ng
RT: 15.880 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :
BNA_G
ClientSampleId :
124042MSD

Tgt Ion:198 Resp: 81054
Ion Ratio Lower Upper
198 100
51 41.9 21.7 61.7
105 39.7 20.8 60.8

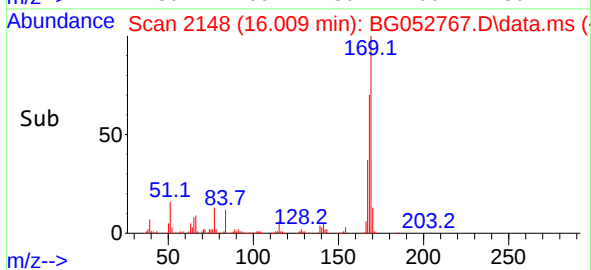
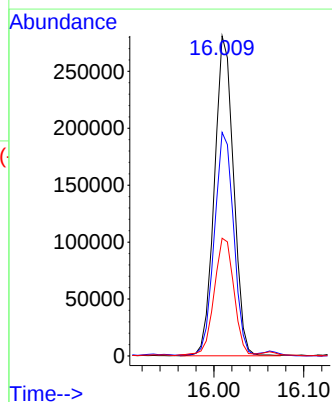
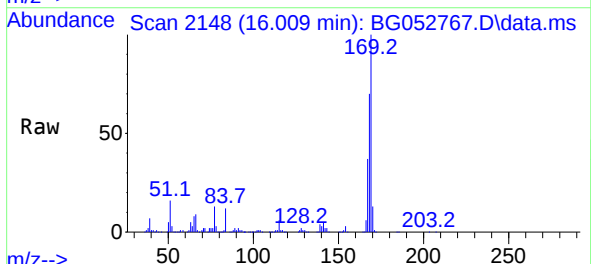
Manual Integrations
APPROVED

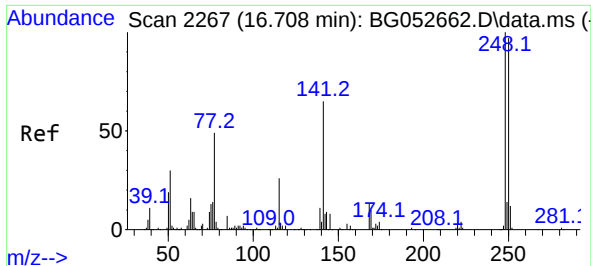
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#66
n-Nitrosodiphenylamine
Concen: 49.294 ng
RT: 16.009 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:169 Resp: 415629
Ion Ratio Lower Upper
169 100
168 69.8 54.5 81.7
167 36.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 48.729 ng
RT: 16.696 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

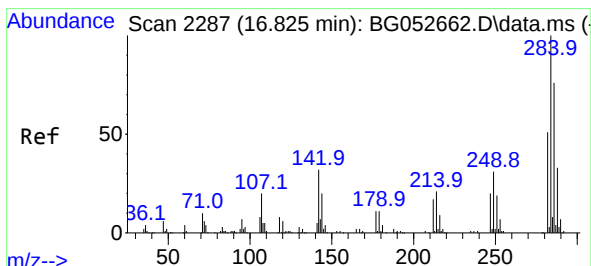
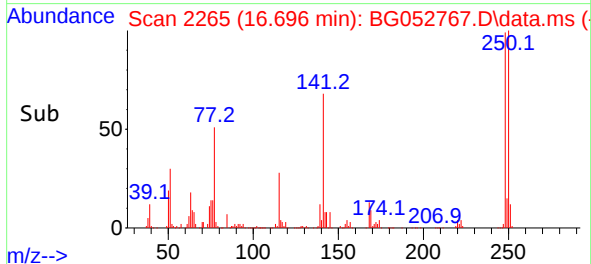
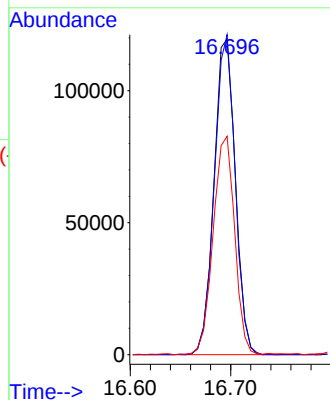
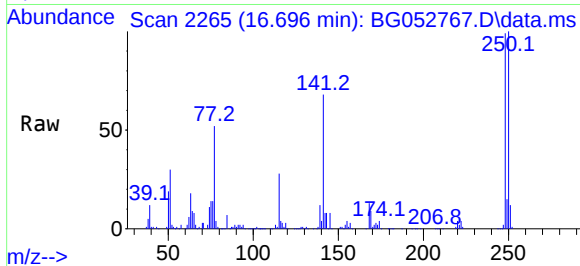
124042MSD

Tgt Ion:248 Resp: 17594
Ion Ratio Lower Upper
248 100
250 101.4 77.9 116.9
141 69.2 49.2 73.8

Manual Integrations

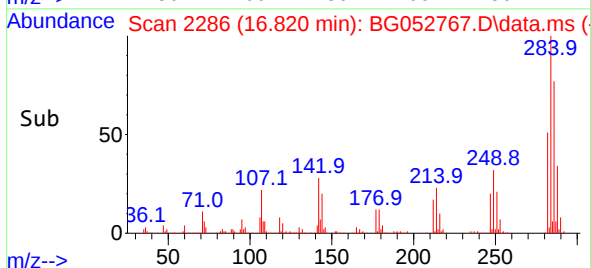
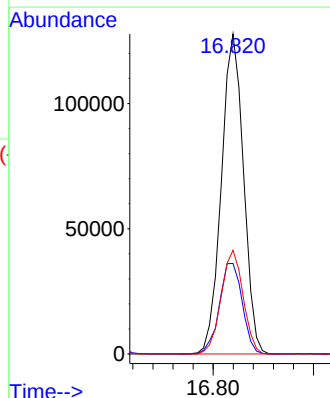
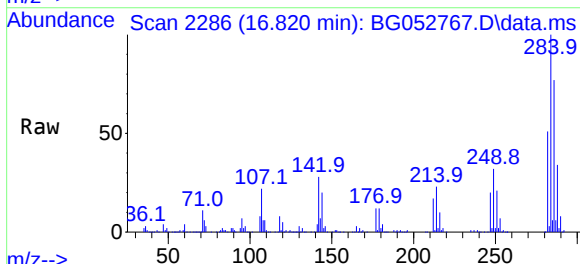
APPROVED

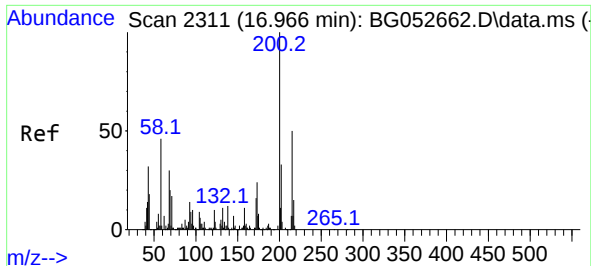
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#68
Hexachlorobenzene
Concen: 50.397 ng
RT: 16.820 min Scan# 2286
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

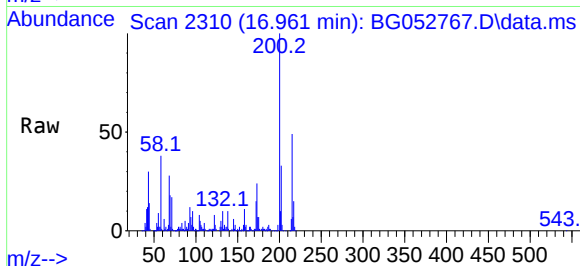
Tgt Ion:284 Resp: 195594
Ion Ratio Lower Upper
284 100
142 28.3 21.0 31.4
249 32.4 22.7 34.1





#69
Atrazine
Concen: 54.275 ng
RT: 16.961 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

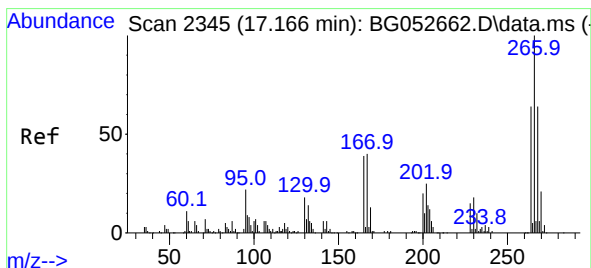
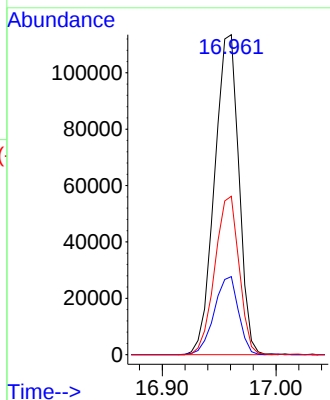
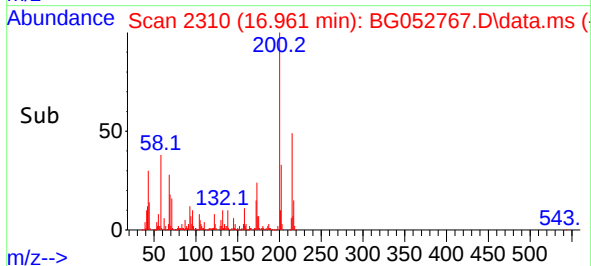
Instrument :
BNA_G
ClientSampleId :
124042MSD



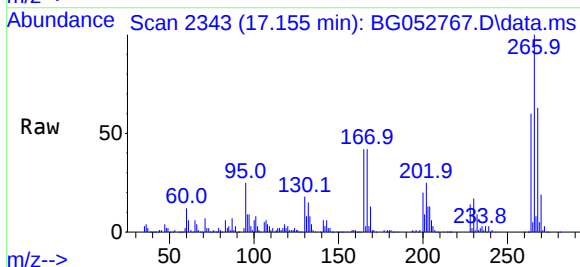
Tgt Ion:200 Resp: 168740
Ion Ratio Lower Upper
200 100
173 24.4 3.8 43.8
215 49.5 26.3 66.3

Manual Integrations
APPROVED

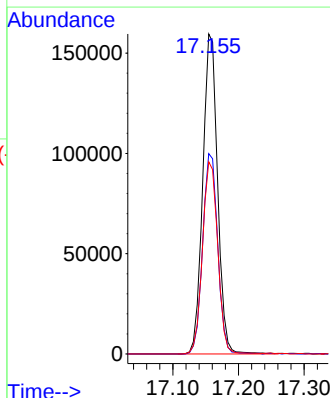
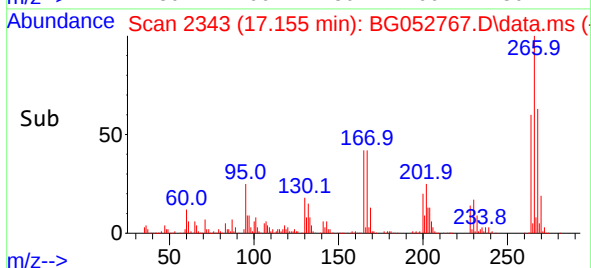
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

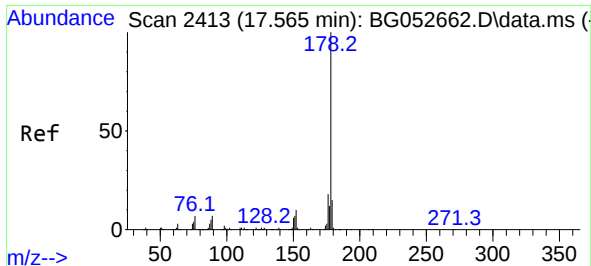


#70
Pentachlorophenol
Concen: 104.277 ng
RT: 17.155 min Scan# 2343
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



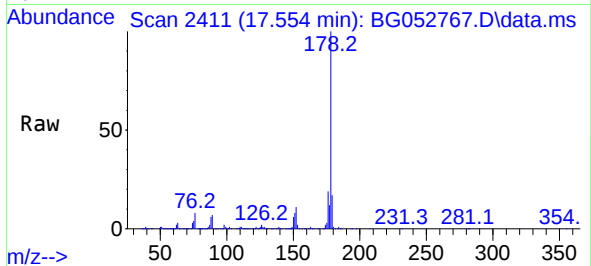
Tgt Ion:266 Resp: 251074
Ion Ratio Lower Upper
266 100
268 62.6 45.9 68.9
264 60.1 45.3 67.9





#71
Phenanthrene
Concen: 53.462 ng
RT: 17.554 min Scan# 2411
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

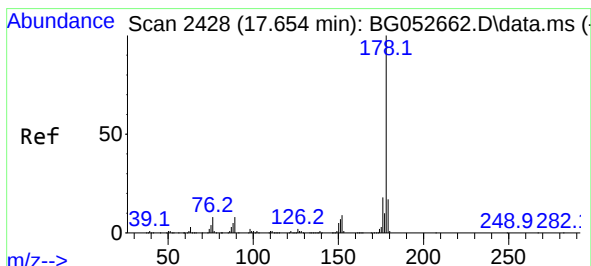
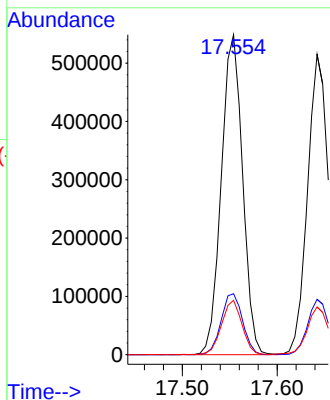
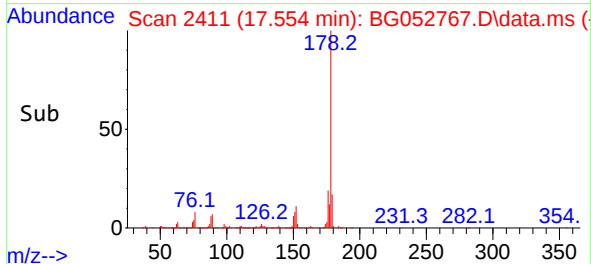
Instrument :
BNA_G
ClientSampleId :
124042MSD



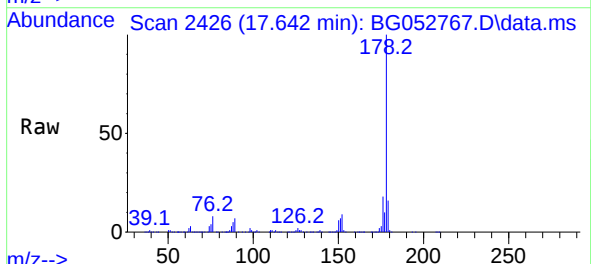
Tgt Ion:178 Resp: 856550
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 17.0 13.4 20.2

Manual Integrations
APPROVED

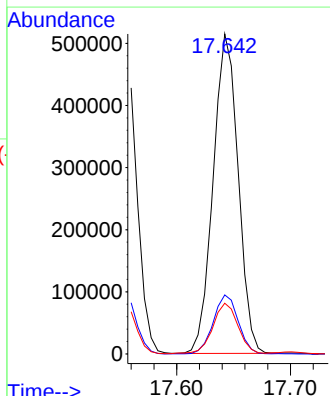
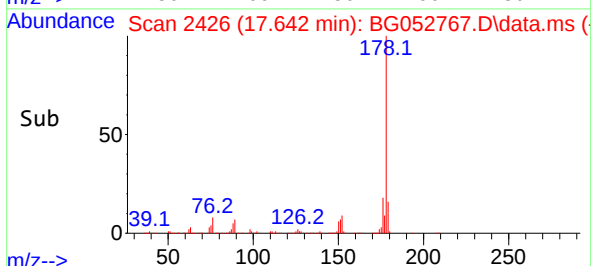
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

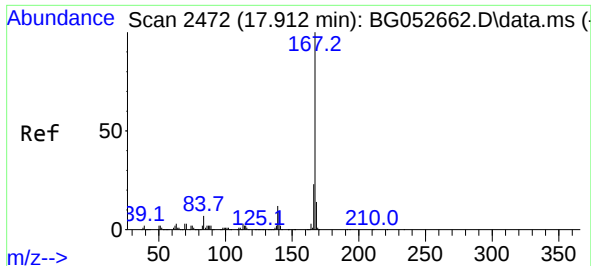


#72
Anthracene
Concen: 49.564 ng
RT: 17.642 min Scan# 2426
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



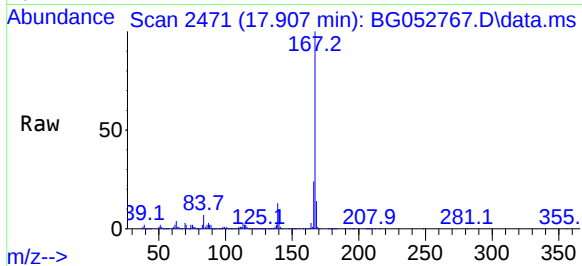
Tgt Ion:178 Resp: 785022
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.9 13.2 19.8





#73
Carbazole
Concen: 45.117 ng
RT: 17.907 min Scan# 2472
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

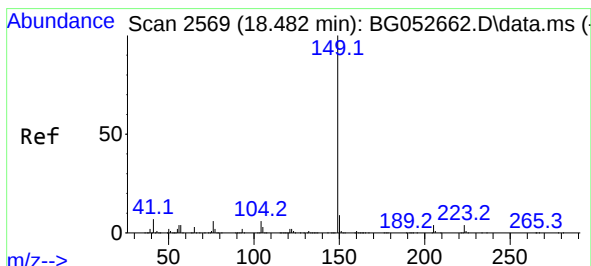
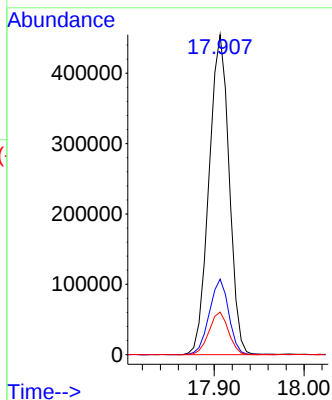
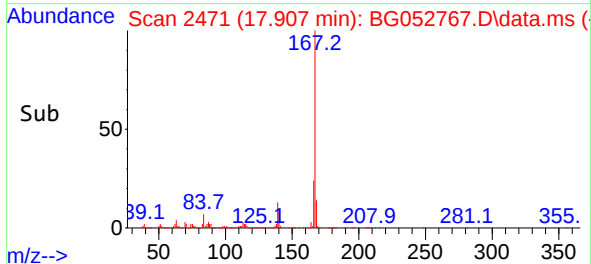
Instrument :
BNA_G
ClientSampleId :
124042MSD



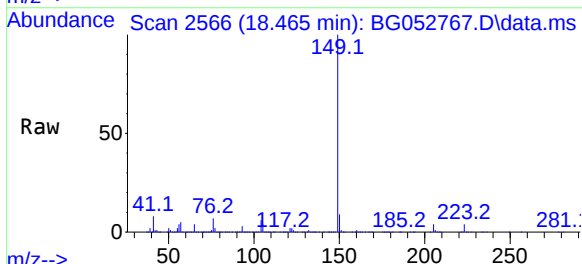
Tgt Ion:167 Resp: 707729
Ion Ratio Lower Upper
167 100
166 23.6 18.5 27.7
139 13.3 10.0 15.0

Manual Integrations
APPROVED

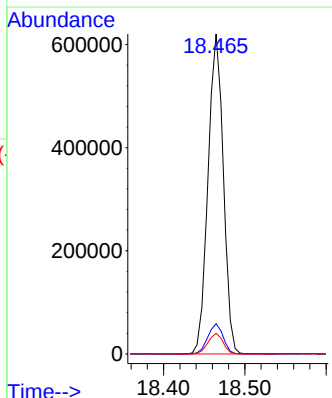
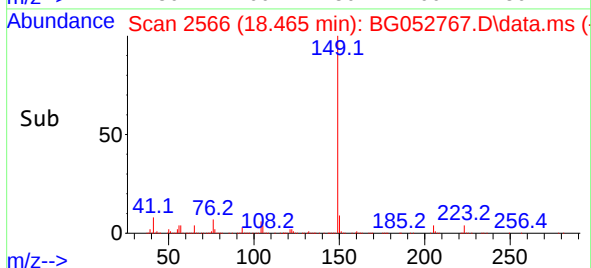
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

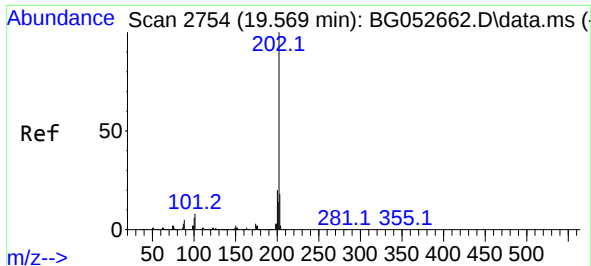


#74
Di-n-butylphthalate
Concen: 47.383 ng
RT: 18.465 min Scan# 2566
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



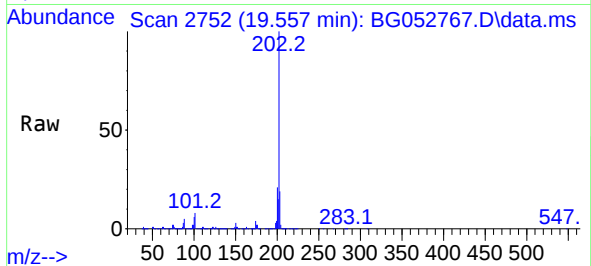
Tgt Ion:149 Resp: 811983
Ion Ratio Lower Upper
149 100
150 9.4 7.0 10.6
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 49.663 ng
RT: 19.557 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

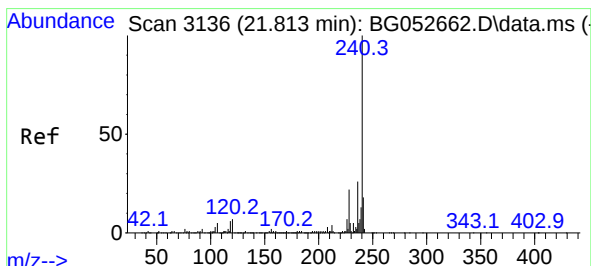
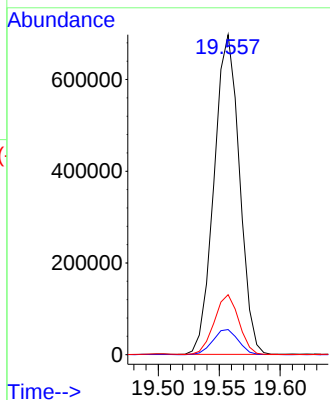
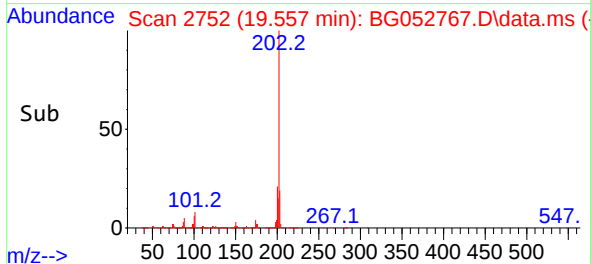
Instrument :
BNA_G
ClientSampleId :
124042MSD



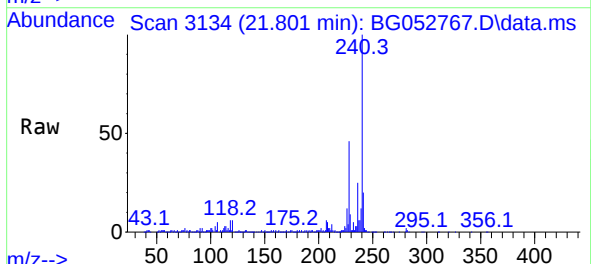
Tgt Ion:202 Resp: 1010020
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.3
203 18.7 0.0 37.7

Manual Integrations
APPROVED

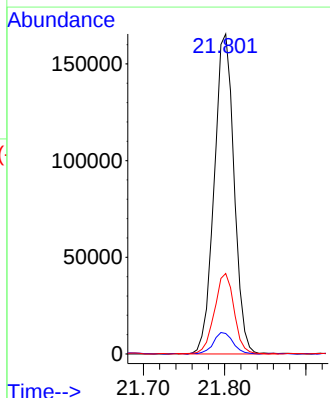
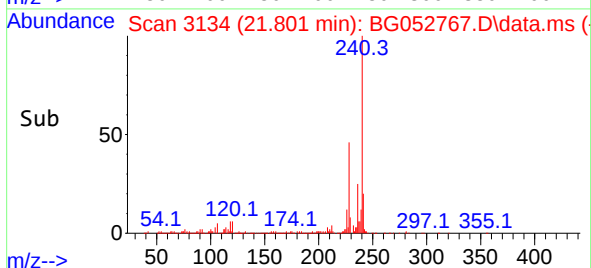
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

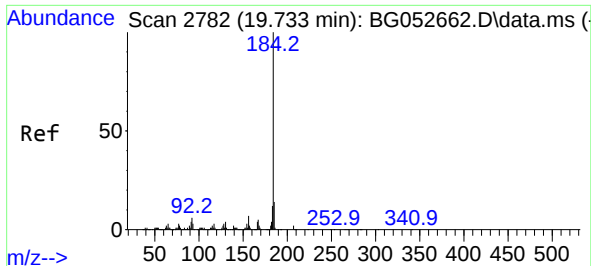


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3134
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion:240 Resp: 280574
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 25.2 19.8 29.6





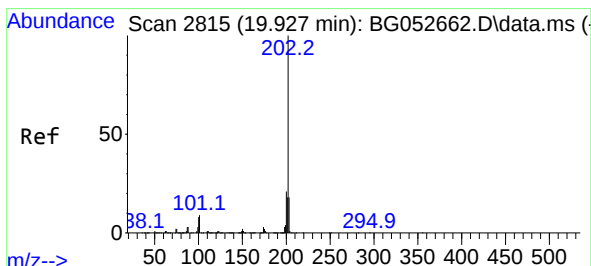
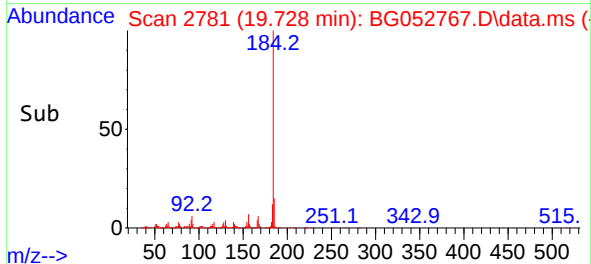
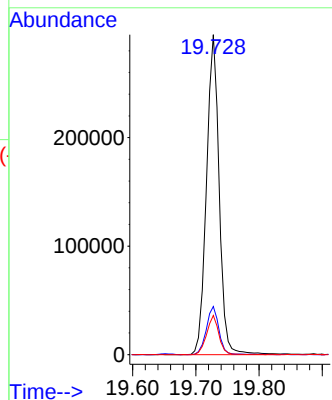
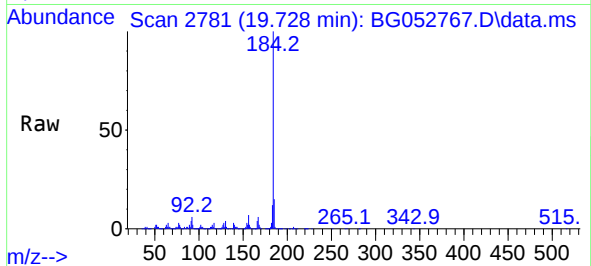
#77
Benzidine
Concen: 57.063 ng
RT: 19.728 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :
BNA_G
ClientSampleId :
124042MSD

Tgt Ion:184 Resp: 412940
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 12.3 9.4 14.2

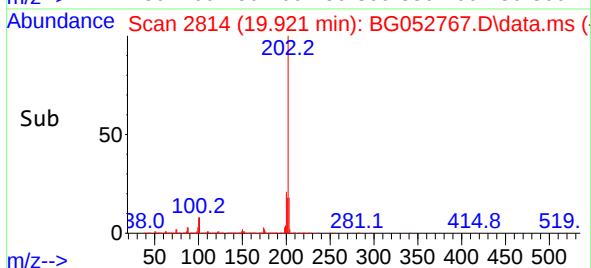
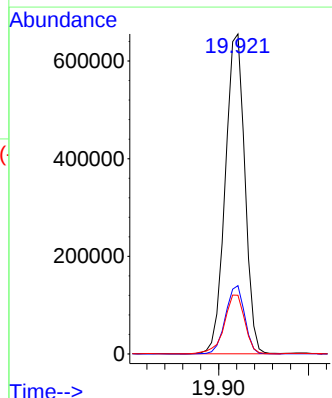
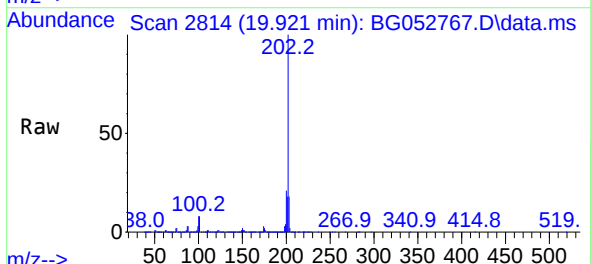
Manual Integrations
APPROVED

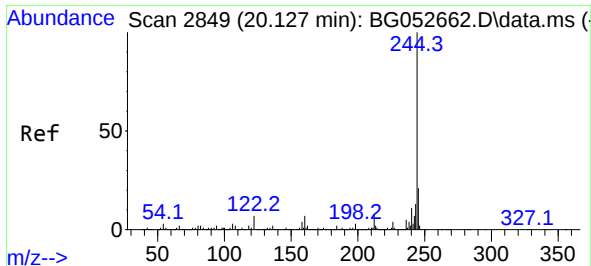
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#78
Pyrene
Concen: 50.918 ng
RT: 19.921 min Scan# 2814
Delta R.T. -0.005 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:202 Resp: 990998
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 18.3 15.0 22.6





#79
 Terphenyl-d14
 Concen: 67.240 ng
 RT: 20.109 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG052767.D
 Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

ClientSampleId :

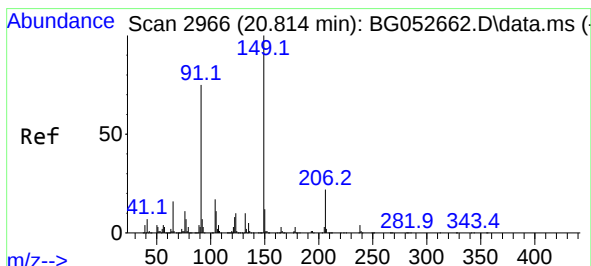
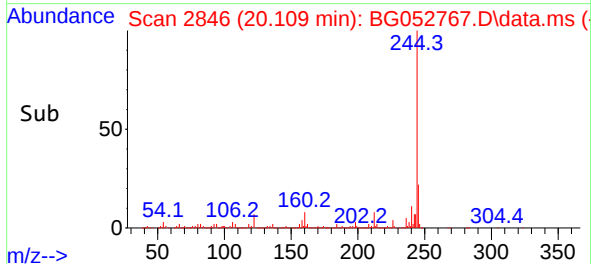
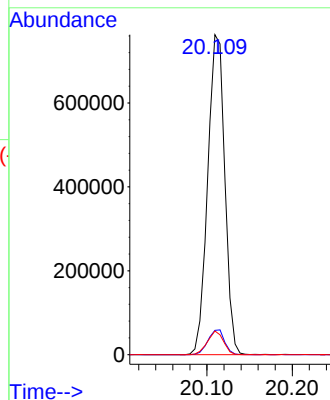
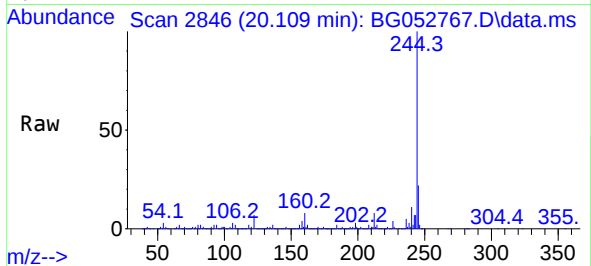
124042MSD

Tgt Ion:244 Resp: 106056
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 7.4 5.8 8.6

Manual Integrations

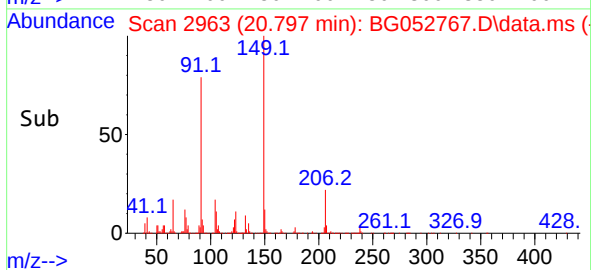
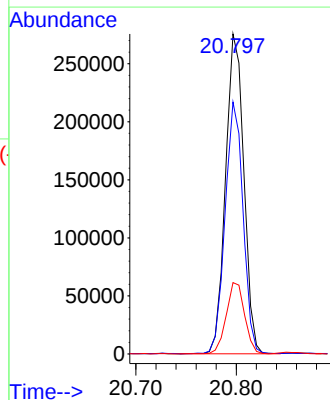
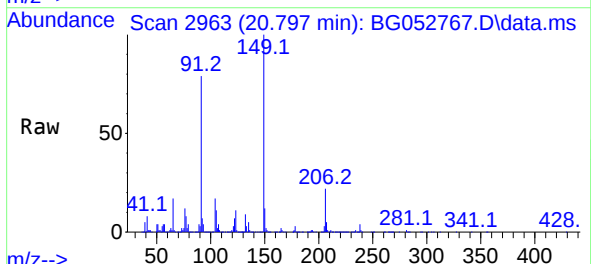
APPROVED

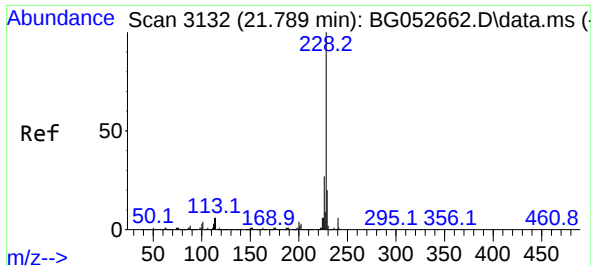
Reviewed By :Christian Giraldo 03/22/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#80
 Butylbenzylphthalate
 Concen: 50.242 ng
 RT: 20.797 min Scan# 2963
 Delta R.T. -0.017 min
 Lab File: BG052767.D
 Acq: 21 Mar 2022 14:34

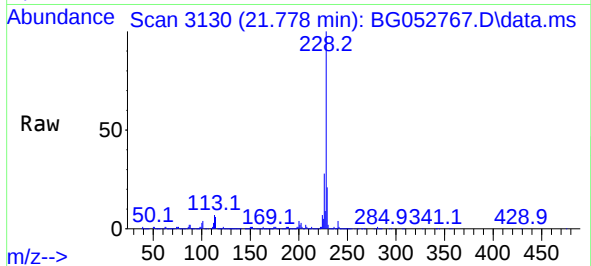
Tgt Ion:149 Resp: 346867
 Ion Ratio Lower Upper
 149 100
 91 78.7 60.2 90.4
 206 22.3 19.4 29.2





#81
Benzo(a)anthracene
Concen: 49.765 ng
RT: 21.778 min Scan# 3130
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

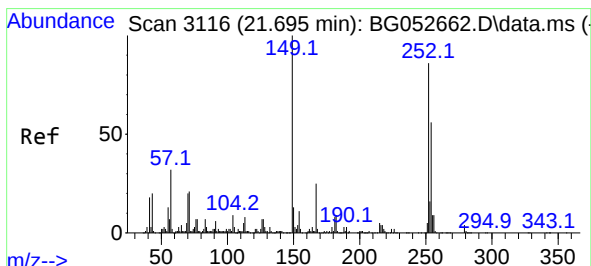
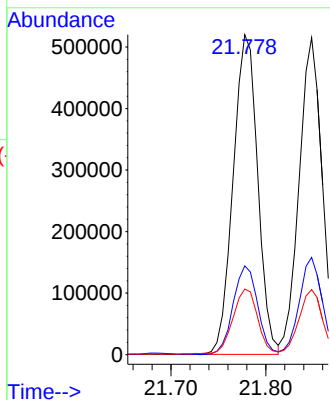
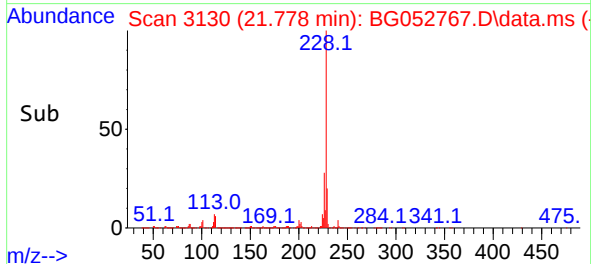
Instrument :
BNA_G
ClientSampleId :
124042MSD



Tgt Ion:228 Resp: 93496
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.5 16.7 25.1

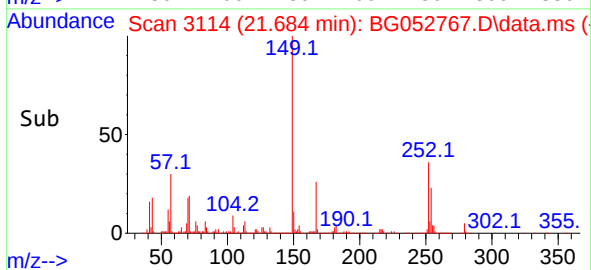
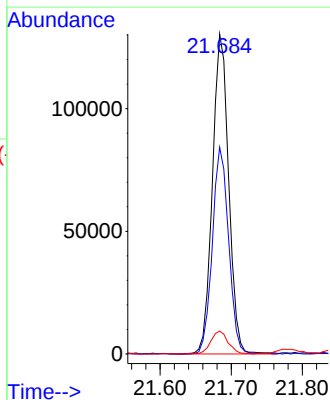
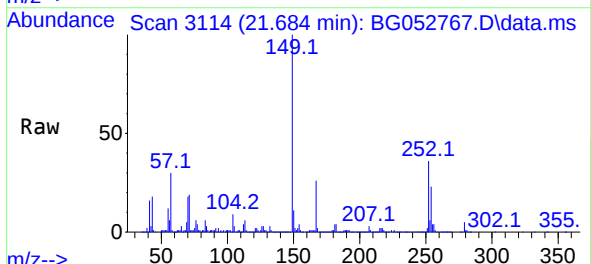
Manual Integrations
APPROVED

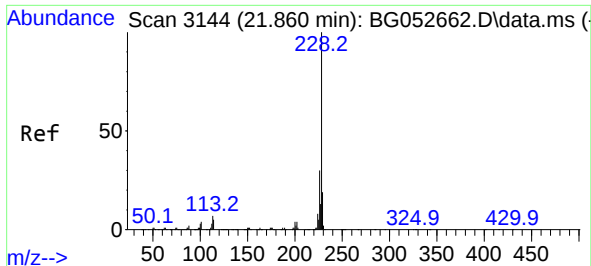
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 31.146 ng
RT: 21.684 min Scan# 3114
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

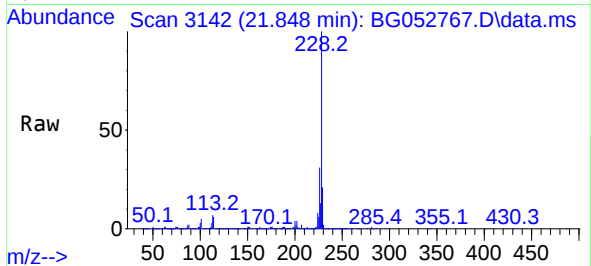
Tgt Ion:252 Resp: 206642
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 7.1 5.8 8.8





#83
Chrysene
Concen: 48.833 ng
RT: 21.848 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

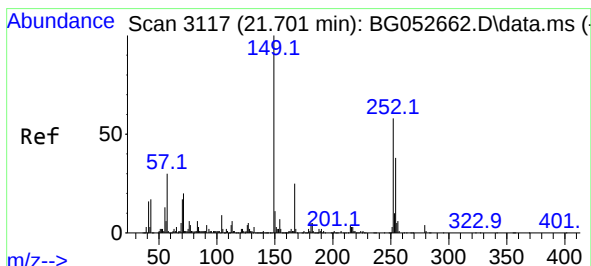
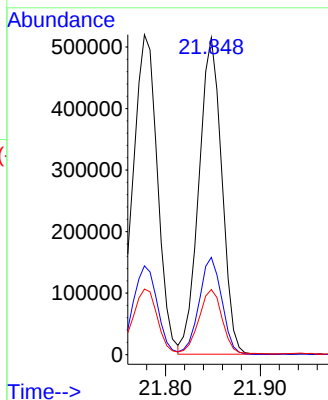
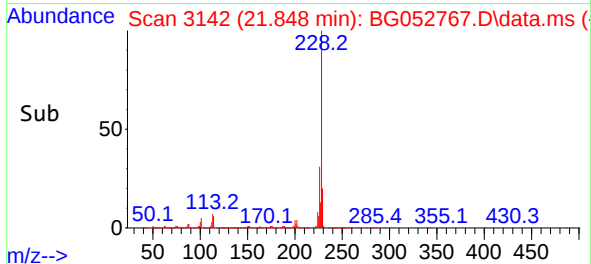
Instrument :
BNA_G
ClientSampleId :
124042MSD



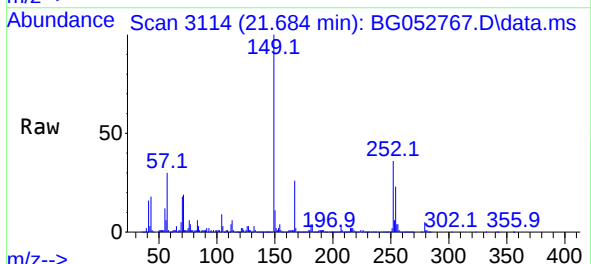
Tgt Ion:228 Resp: 862500
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 20.5 16.3 24.5

Manual Integrations
APPROVED

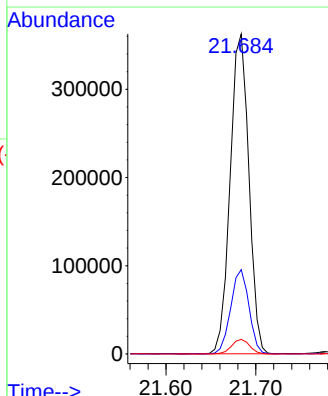
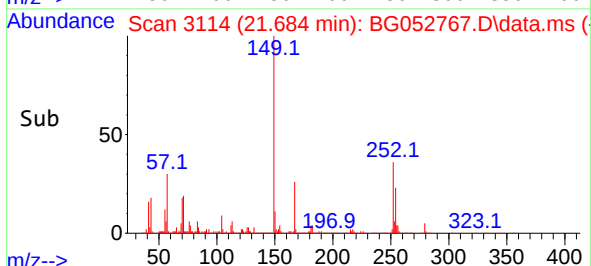
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

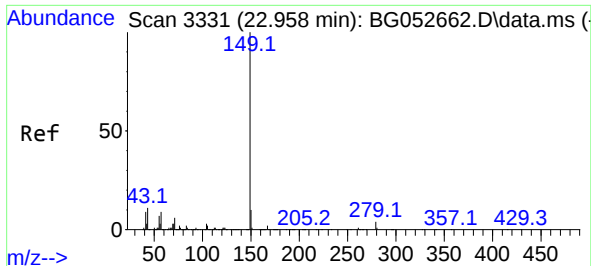


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.664 ng
RT: 21.684 min Scan# 3114
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



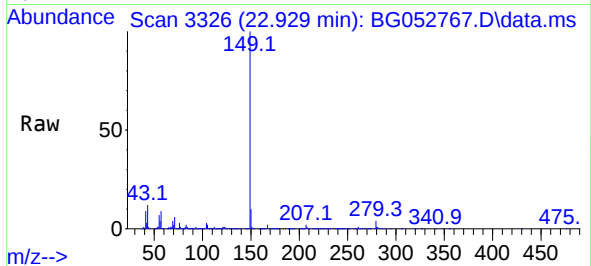
Tgt Ion:149 Resp: 522627
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 4.5 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 52.740 ng
RT: 22.929 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

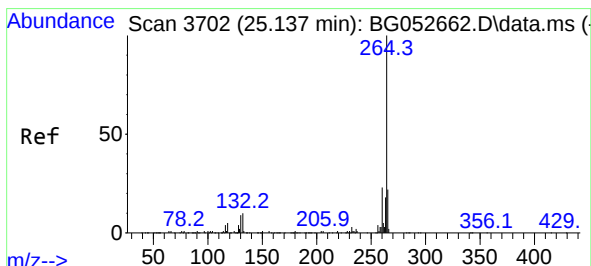
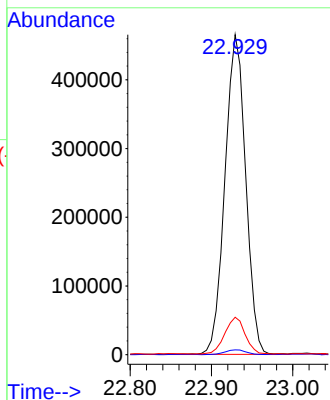
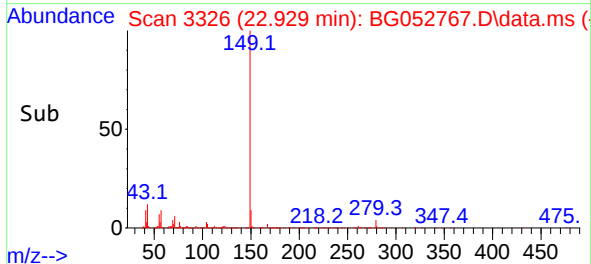
Instrument :
BNA_G
ClientSampleId :
124042MSD



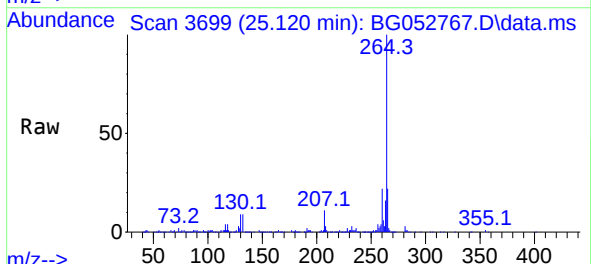
Tgt Ion:149 Resp: 824330
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 7.6 11.4

Manual Integrations
APPROVED

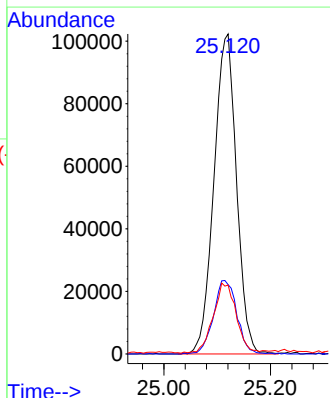
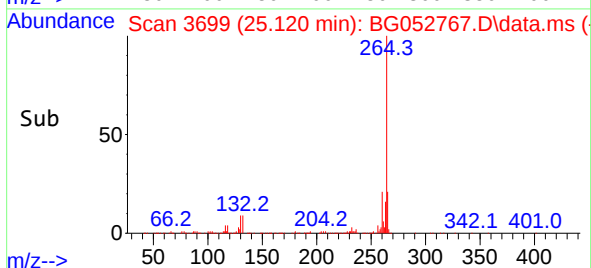
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

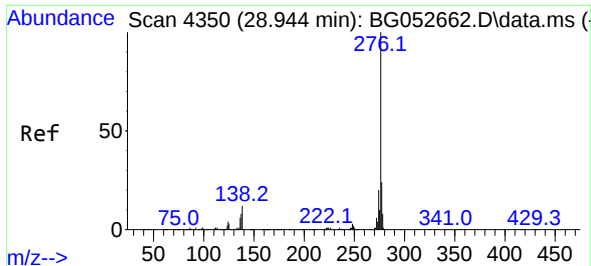


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.120 min Scan# 3699
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion:264 Resp: 300010
Ion Ratio Lower Upper
264 100
260 21.6 18.2 27.2
265 21.5 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.128 ng
RT: 28.921 min Scan# 41
Delta R.T. -0.023 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

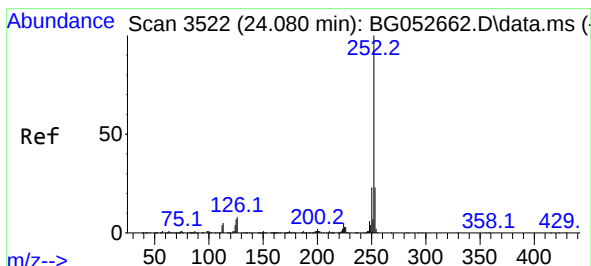
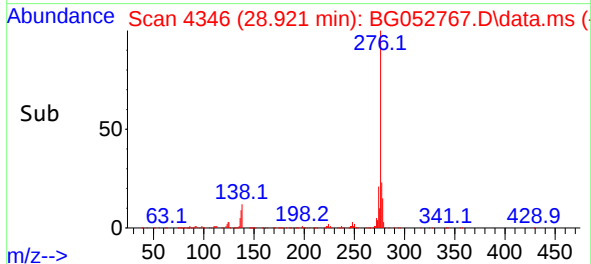
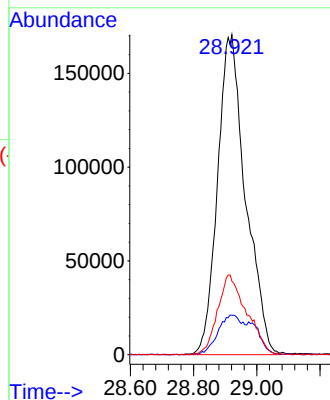
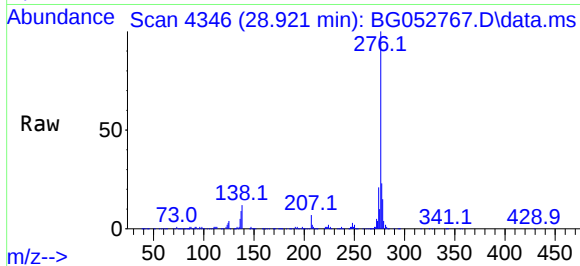
ClientSampleId :

124042MSD

Tgt Ion:276 Resp: 104990
Ion Ratio Lower Upper
276 100
138 11.4 8.7 13.1
277 25.9 20.2 30.4

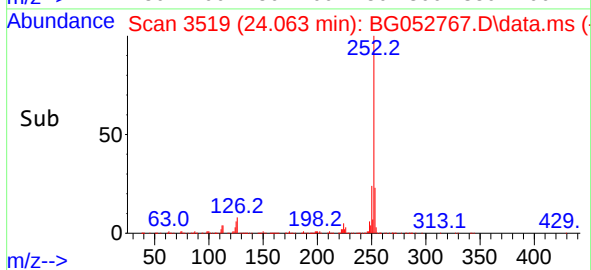
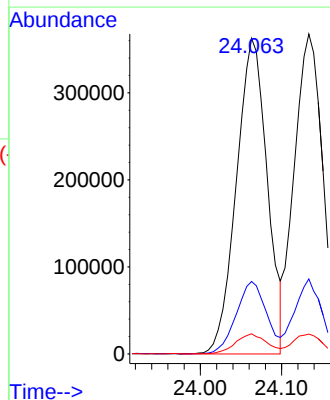
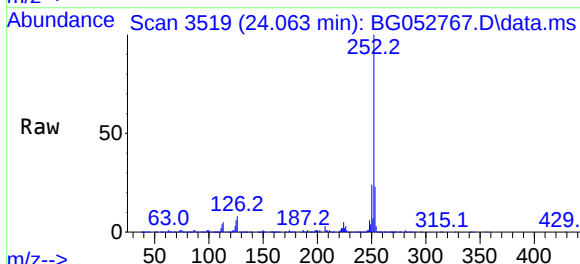
Manual Integrations
APPROVED

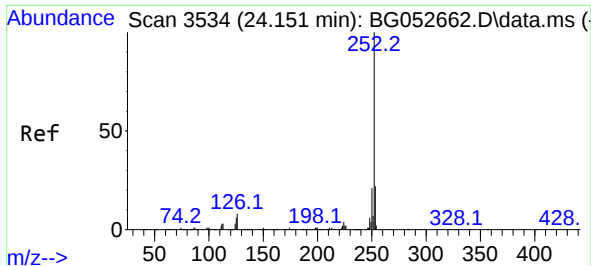
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#88
Benzo(b)fluoranthene
Concen: 51.324 ng
RT: 24.063 min Scan# 3519
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

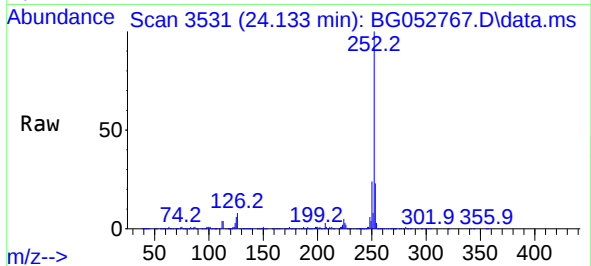
Tgt Ion:252 Resp: 956051
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 6.4 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 48.937 ng
RT: 24.133 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

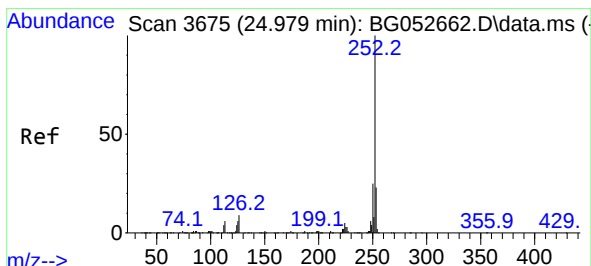
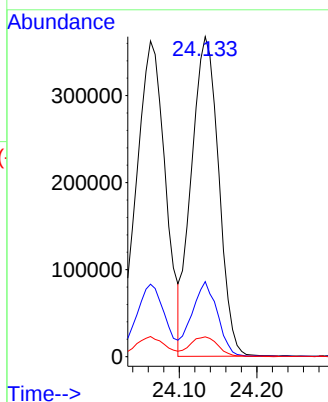
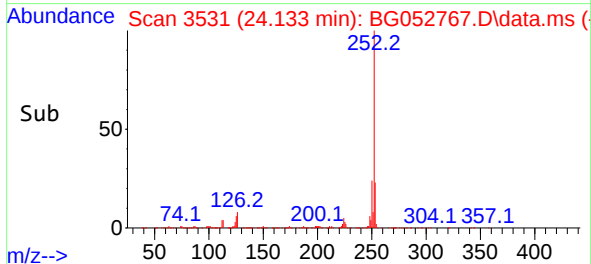
Instrument :
BNA_G
ClientSampleId :
124042MSD



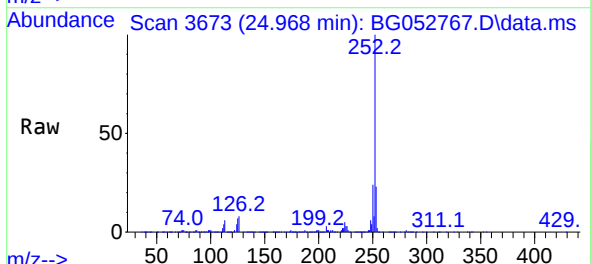
Tgt Ion:252 Resp: 896880
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 6.2 5.0 7.4

Manual Integrations
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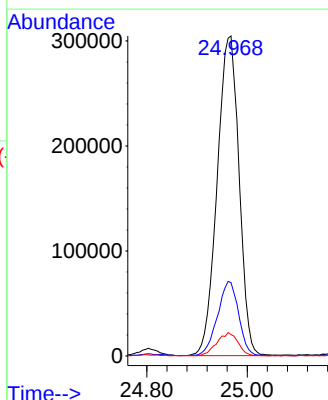
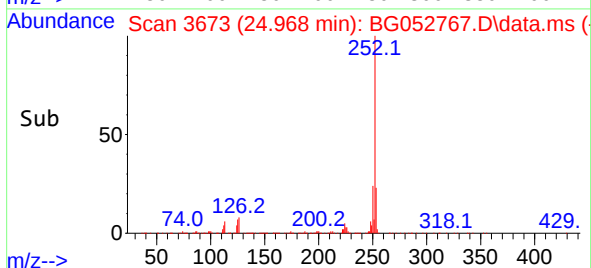
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

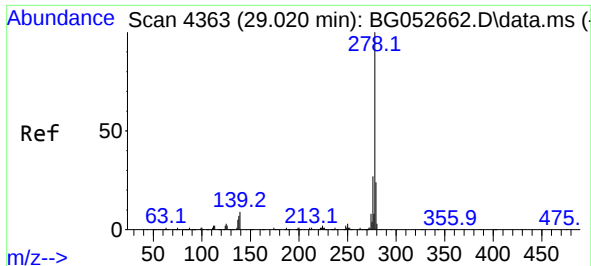


#90
Benzo(a)pyrene
Concen: 58.458 ng
RT: 24.968 min Scan# 3673
Delta R.T. -0.011 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34



Tgt Ion:252 Resp: 921765
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 6.7 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 53.012 ng
RT: 28.991 min Scan# 41
Delta R.T. -0.029 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Instrument :

BNA_G

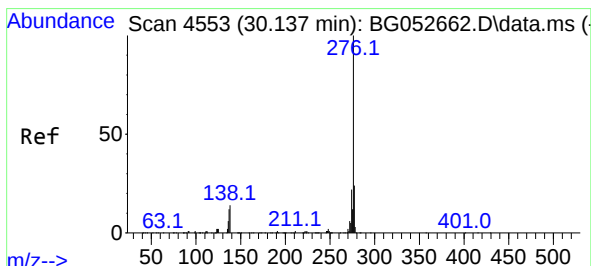
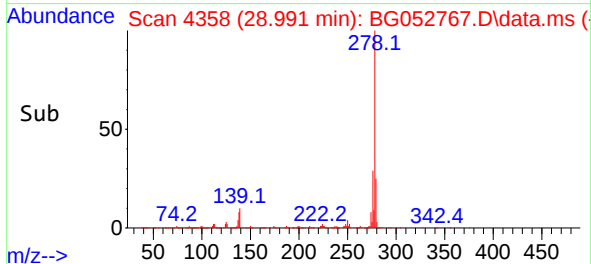
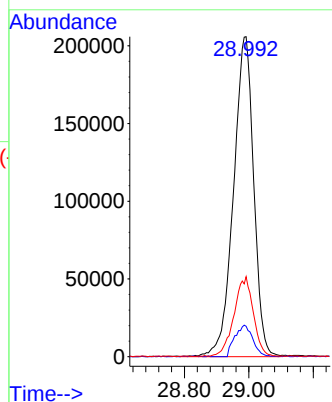
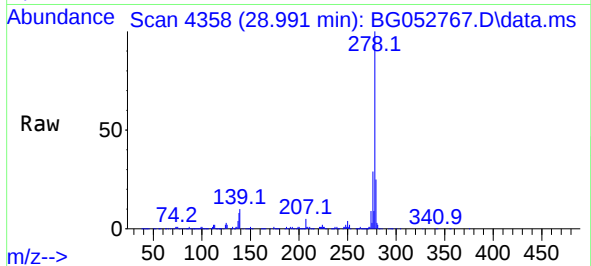
ClientSampleId :

124042MSD

Tgt Ion:278 Resp: 89700
Ion Ratio Lower Upper
278 100
139 9.5 7.8 11.6
279 25.0 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#92
Benzo(g,h,i)perylene
Concen: 54.193 ng
RT: 30.102 min Scan# 4547
Delta R.T. -0.035 min
Lab File: BG052767.D
Acq: 21 Mar 2022 14:34

Tgt Ion:276 Resp: 907294
Ion Ratio Lower Upper
276 100
277 24.2 18.2 27.2
138 13.0 9.1 13.7

