

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054228.D
 Acq On : 7 Jul 2022 16:53
 Operator : CG/JU
 Sample : N3575-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

WC-4MS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 18:31:54 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	18096	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	70985	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	60893	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	178267	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	198834	20.000	ng	0.00
86) Perylene-d12	24.962	264	211273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	131312	138.736	ng	0.00
7) Phenol-d6	7.230	99	163332	127.208	ng	0.00
23) Nitrobenzene-d5	9.228	82	128025	101.353	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	179785	183.763	ng	0.00
45) 2-Fluorobiphenyl	13.311	172	379632	90.657	ng	-0.01
79) Terphenyl-d14	20.039	244	1012320	102.543	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	15911	38.456	ng	# 88
3) Pyridine	3.911	79	33115	29.993	ng	93
4) n-Nitrosodimethylamine	3.822	42	24818	51.102	ng	# 87
6) Aniline	7.383	93	42184	27.711	ng	96
8) 2-Chlorophenol	7.630	128	56082	55.493	ng	91
9) Benzaldehyde	7.195	77	38834	51.247	ng	# 76
10) Phenol	7.260	94	60635	46.598	ng	95
11) bis(2-Chloroethyl)ether	7.477	93	49330	49.391	ng	93
12) 1,3-Dichlorobenzene	7.953	146	61509	48.572	ng	88
13) 1,4-Dichlorobenzene	8.100	146	62874	49.427	ng	98
14) 1,2-Dichlorobenzene	8.417	146	61188	50.108	ng	96
15) Benzyl Alcohol	8.300	79	54106m	56.381	ng	
16) 2,2'-oxybis(1-Chloropr...	8.587	45	70936	47.510	ng	98
17) 2-Methylphenol	8.511	107	48167	53.286	ng	92
18) Hexachloroethane	9.146	117	20660	48.959	ng	# 76
19) n-Nitroso-di-n-propyla...	8.864	70	43770	50.741	ng	96
20) 3+4-Methylphenols	8.840	107	64262	50.692	ng	95
22) Acetophenone	8.881	105	88125	51.073	ng	# 95
24) Nitrobenzene	9.269	77	64325	51.713	ng	# 85
25) Isophorone	9.786	82	124993	52.983	ng	95
26) 2-Nitrophenol	9.980	139	32455	59.073	ng	88
27) 2,4-Dimethylphenol	10.039	122	56050	63.030	ng	91
28) bis(2-Chloroethoxy)met...	10.268	93	70979	55.850	ng	# 97
29) 2,4-Dichlorophenol	10.521	162	68745	57.658	ng	92
30) 1,2,4-Trichlorobenzene	10.738	180	73696	49.919	ng	94
31) Naphthalene	10.926	128	174484	48.691	ng	100
32) Benzoic acid	10.168	122	15288m	41.469	ng	
33) 4-Chloroaniline	11.032	127	29088	19.566	ng	93
34) Hexachlorobutadiene	11.208	225	58872	51.869	ng	96
35) Caprolactam	11.795	113	18302m	55.760	ng	
36) 4-Chloro-3-methylphenol	12.154	107	71510	61.698	ng	# 87
37) 2-Methylnaphthalene	12.524	142	137515	51.867	ng	97
38) 1-Methylnaphthalene	12.741	142	131270	50.849	ng	98
40) 1,2,4,5-Tetrachloroben...	12.894	216	113683	48.451	ng	# 95
41) Hexachlorocyclopentadiene	12.871	237	75878	69.450	ng	97
43) 2,4,6-Trichlorophenol	13.129	196	70556	53.533	ng	95

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 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	81986	55.711	ng	# 90
46) 1,1'-Biphenyl	13.523	154	205495	48.448	ng	98
47) 2-Chloronaphthalene	13.570	162	165633	48.252	ng	96
48) 2-Nitroaniline	13.770	65	52598	57.602	ng	86
49) Acenaphthylene	14.416	152	264829	49.615	ng	100
50) Dimethylphthalate	14.140	163	247023	53.266	ng	99
51) 2,6-Dinitrotoluene	14.263	165	57113	60.955	ng	# 73
52) Acenaphthene	14.757	154	193526m	56.879	ng	
53) 3-Nitroaniline	14.592	138	23664	26.069	ng	88
54) 2,4-Dinitrophenol	14.804	184	58271	109.826	ng	# 79
55) Dibenzofuran	15.086	168	283670	51.746	ng	95
56) 4-Nitrophenol	14.909	139	68362	106.074	ng	89
57) 2,4-Dinitrotoluene	15.050	165	85052	64.274	ng	# 82
58) Fluorene	15.738	166	239488	53.208	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.315	232	84880	58.978	ng	# 88
60) Diethylphthalate	15.497	149	251242	55.942	ng	96
61) 4-Chlorophenyl-phenyle...	15.726	204	150098	55.703	ng	# 87
62) 4-Nitroaniline	15.756	138	52310	55.257	ng	# 81
63) Azobenzene	16.020	77	193172	53.435	ng	89
65) 4,6-Dinitro-2-methylph...	15.820	198	51465	57.866	ng	80
66) n-Nitrosodiphenylamine	15.938	169	224532	48.328	ng	98
67) 4-Bromophenyl-phenylether	16.619	248	115068	51.682	ng	# 91
68) Hexachlorobenzene	16.749	284	129324	50.778	ng	# 90
69) Atrazine	16.884	200	113937	59.200	ng	95
70) Pentachlorophenol	17.089	266	122043	103.159	ng	98
71) Phenanthrene	17.477	178	444795	48.564	ng	97
72) Anthracene	17.571	178	457671	51.172	ng	98
73) Carbazole	17.835	167	398543	51.915	ng	98
74) Di-n-butylphthalate	18.388	149	461124	51.951	ng	# 98
75) Fluoranthene	19.486	202	596177	49.586	ng	96
77) Benzidine	19.657	184	174454	42.367	ng	98
78) Pyrene	19.845	202	597312	49.738	ng	98
80) Butylbenzylphthalate	20.726	149	204610	53.156	ng	85
81) Benzo(a)anthracene	21.690	228	639734	49.691	ng	99
82) 3,3'-Dichlorobenzidine	21.602	252	134191	34.887	ng	99
83) Chrysene	21.760	228	596641	48.619	ng	97
84) Bis(2-ethylhexyl)phtha...	21.590	149	293315	53.279	ng	# 94
85) Di-n-octyl phthalate	22.806	149	496026	52.422	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.711	276	773890	48.539	ng	# 96
88) Benzo(b)fluoranthene	23.934	252	663067	51.617	ng	100
89) Benzo(k)fluoranthene	23.999	252	647630	50.920	ng	99
90) Benzo(a)pyrene	24.816	252	589913	54.427	ng	100
91) Dibenzo(a,h)anthracene	28.758	278	672505	51.008	ng	98
92) Benzo(g,h,i)perylene	29.868	276	664956	51.107	ng	95

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



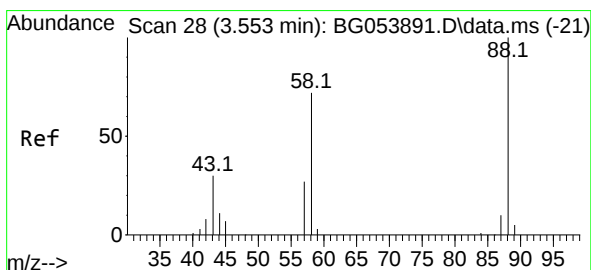
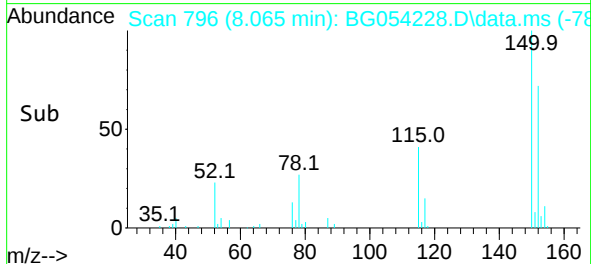
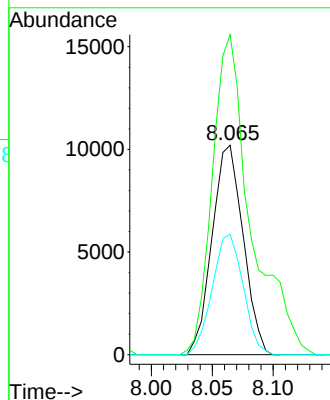
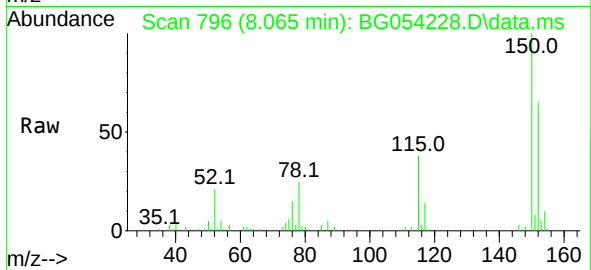
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:152 Resp: 18090
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 57.6 50.9 76.3

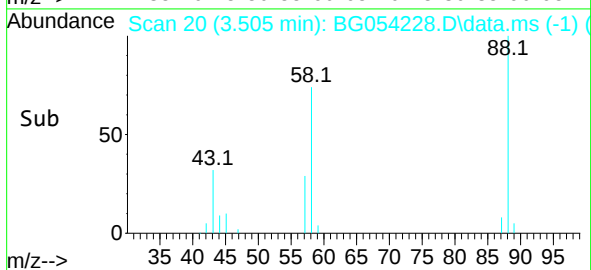
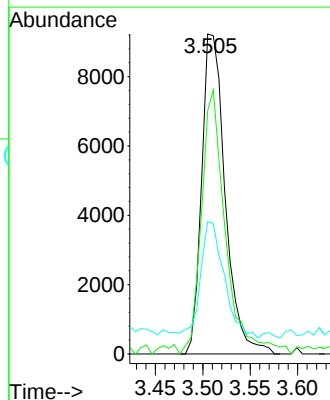
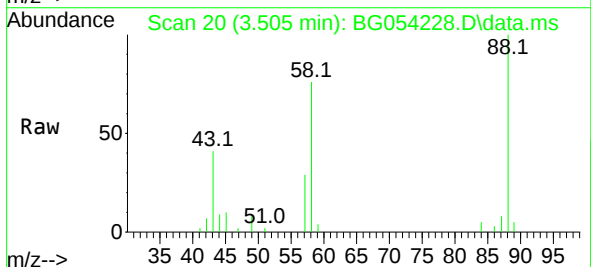
Manual Integrations
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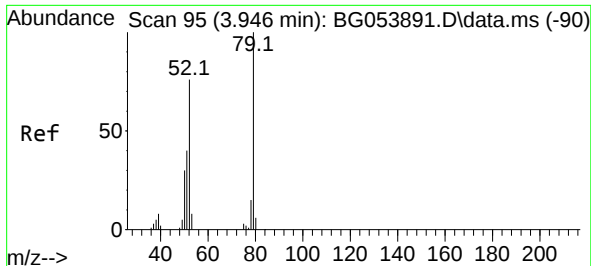
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#2
1,4-Dioxane
Concen: 38.456 ng
RT: 3.505 min Scan# 20
Delta R.T. -0.023 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

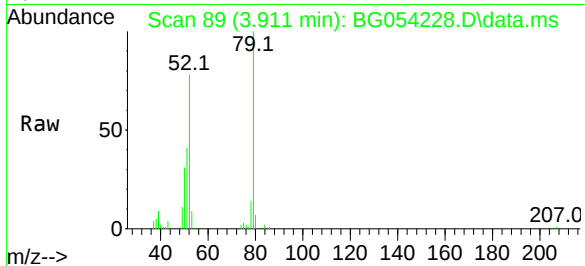
Tgt Ion: 88 Resp: 15911
Ion Ratio Lower Upper
88 100
58 84.2 59.2 88.8
43 36.7 24.3 36.5





#3
Pyridine
Concen: 29.993 ng
RT: 3.911 min Scan# 89
Delta R.T. -0.018 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

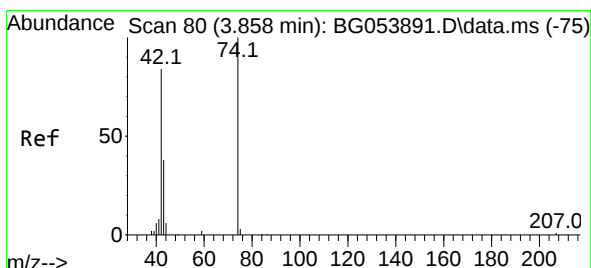
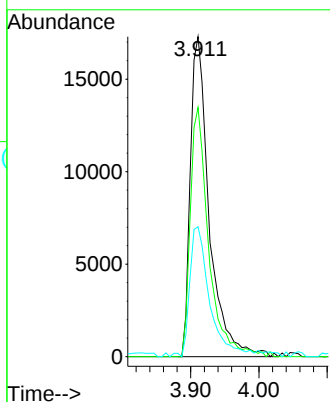
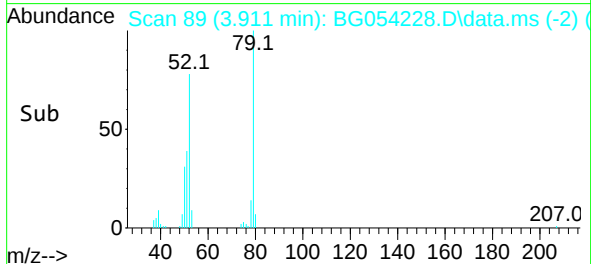
Instrument :
BNA_G
ClientSampleId :
WC-4MS



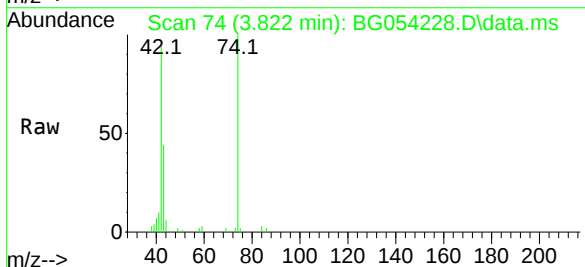
Tgt Ion: 79 Resp: 3311
Ion Ratio Lower Upper
79 100
52 77.9 54.6 81.8
51 40.6 32.5 48.7

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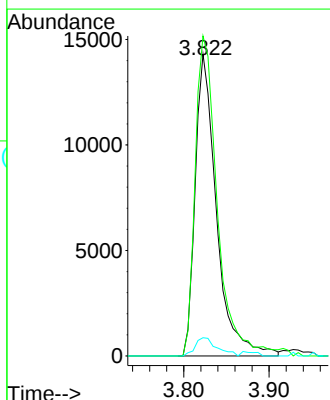
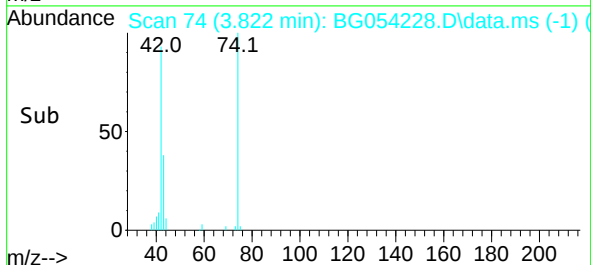
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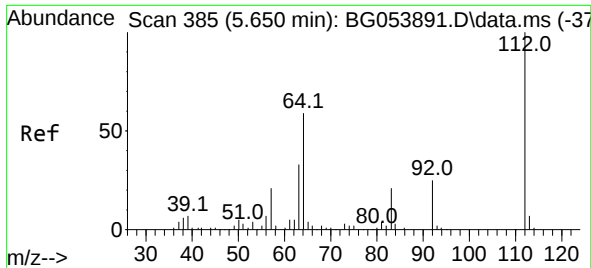


#4
n-Nitrosodimethylamine
Concen: 51.102 ng
RT: 3.822 min Scan# 74
Delta R.T. -0.018 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion: 42 Resp: 24818
Ion Ratio Lower Upper
42 100
74 106.0 97.0 145.4
44 6.1 7.0 10.4





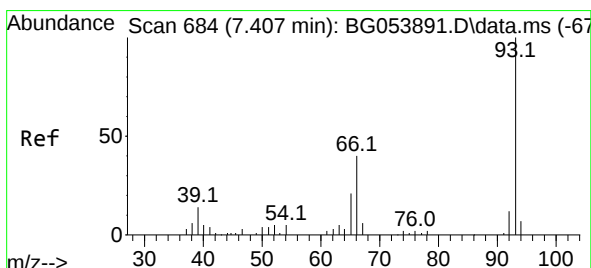
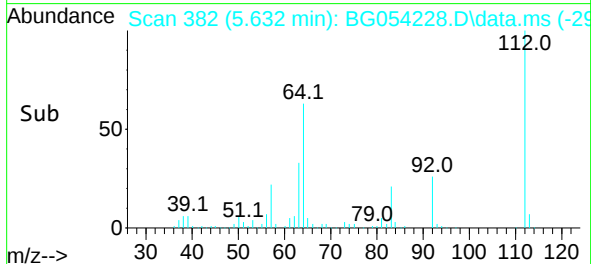
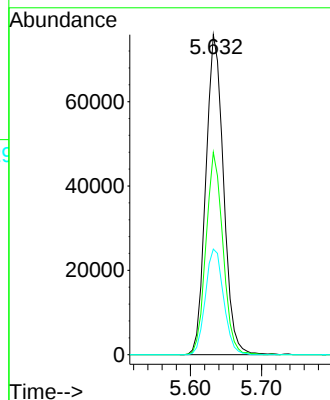
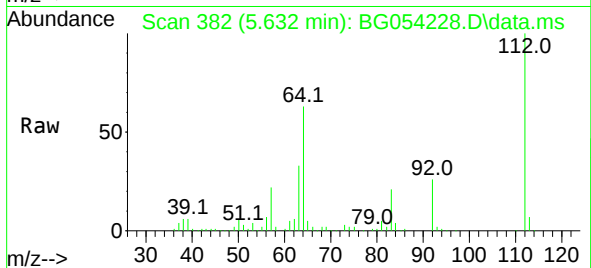
#5
2-Fluorophenol
Concen: 138.736 ng
RT: 5.632 min Scan# 382
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:112 Resp: 131312
Ion Ratio Lower Upper
112 100
64 63.2 55.1 82.7
63 33.0 30.4 45.6

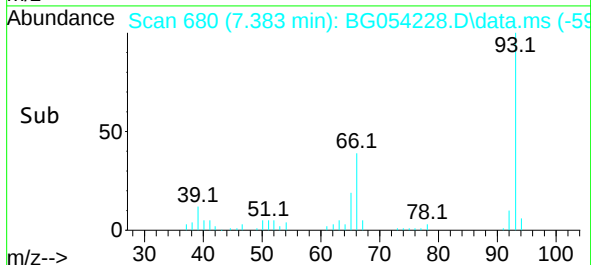
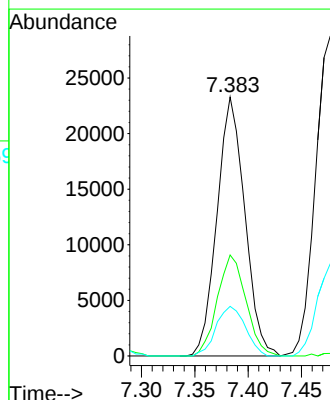
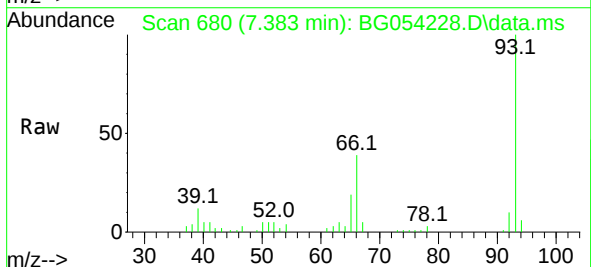
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#6
Aniline
Concen: 27.711 ng
RT: 7.383 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

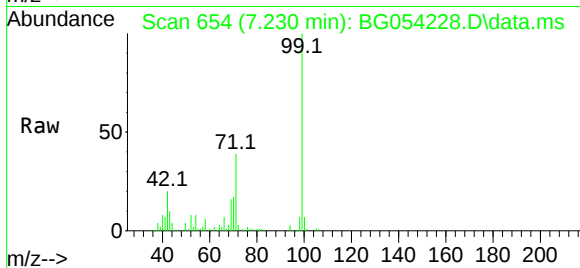
Tgt Ion: 93 Resp: 42184
Ion Ratio Lower Upper
93 100
66 39.0 32.9 49.3
65 19.2 17.8 26.8





#7
Phenol-d6
Concen: 127.208 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

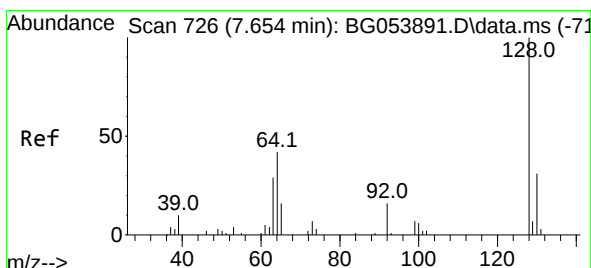
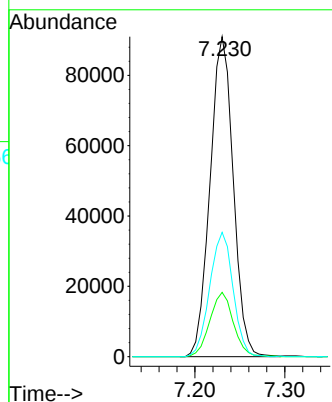
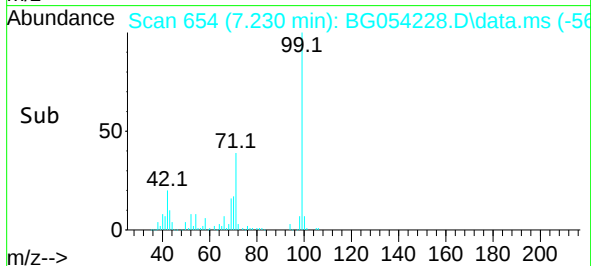
Instrument :
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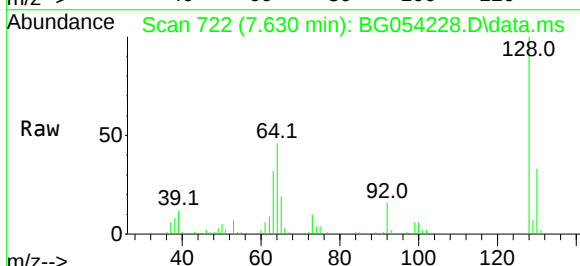
Tgt Ion: 99 Resp: 16333
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 38.8 33.8 50.8

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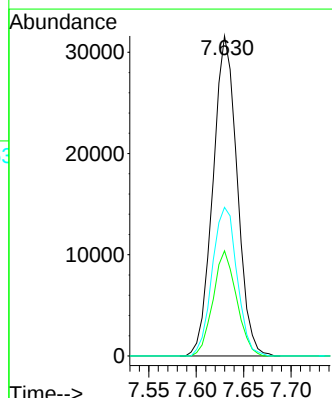
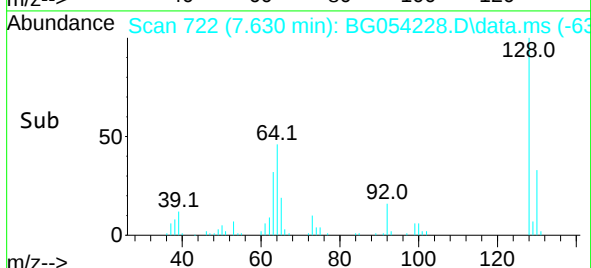
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#8
2-Chlorophenol
Concen: 55.493 ng
RT: 7.630 min Scan# 722
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion:128 Resp: 56082
Ion Ratio Lower Upper
128 100
130 32.8 10.5 50.5
64 46.5 35.1 75.1





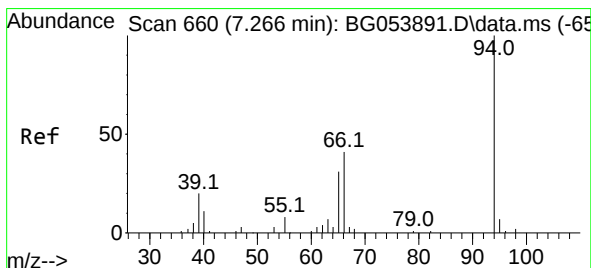
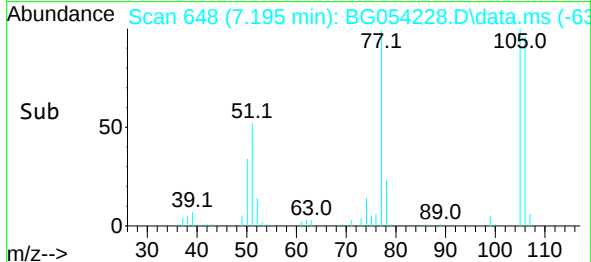
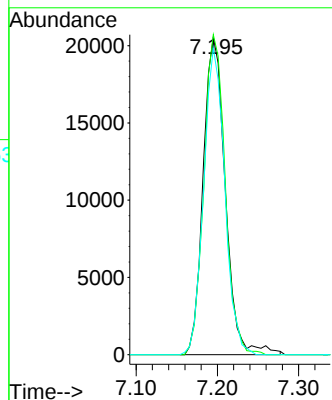
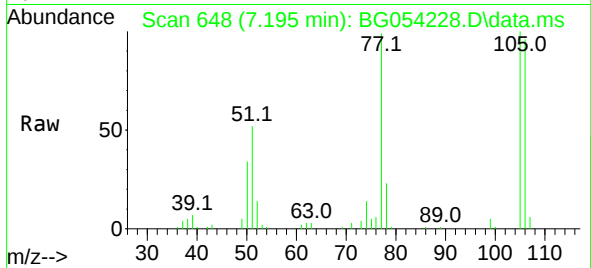
#9
Benzaldehyde
Concen: 51.247 ng
RT: 7.195 min Scan# 648
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion: 77 Resp: 38834
Ion Ratio Lower Upper
77 100
105 100.8 59.6 99.6
106 96.6 56.8 96.8

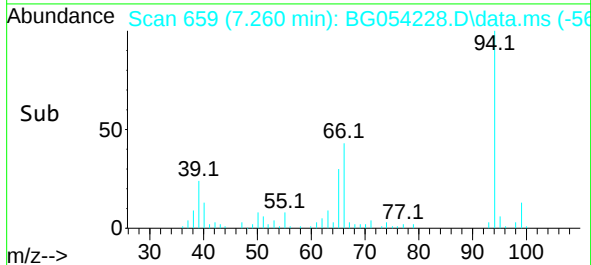
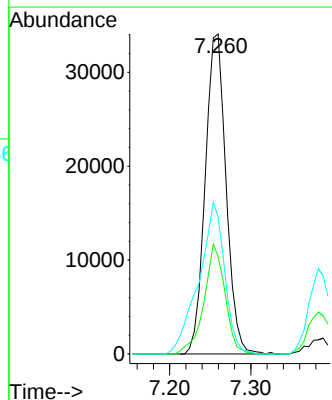
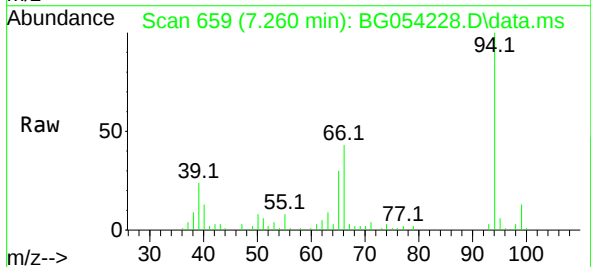
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#10
Phenol
Concen: 46.598 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Tgt Ion: 94 Resp: 60635
Ion Ratio Lower Upper
94 100
65 30.4 14.8 54.8
66 42.7 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 49.391 ng
RT: 7.477 min Scan# 696
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

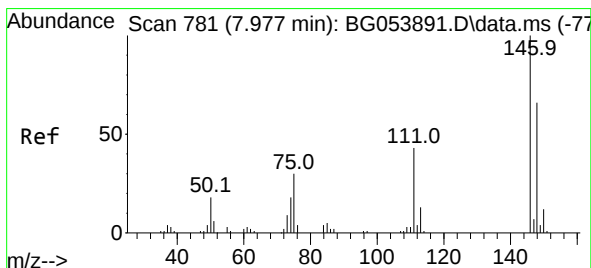
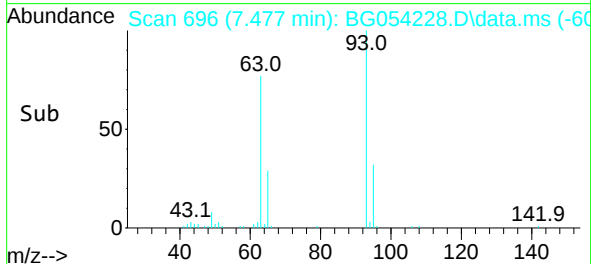
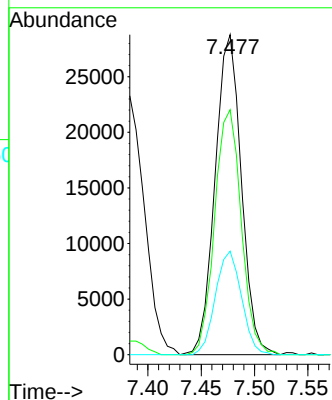
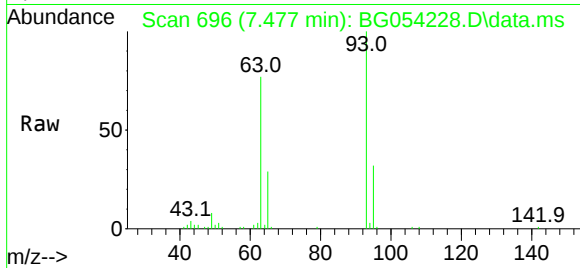
ClientSampleId :

WC-4MS

Tgt Ion: 93 Resp: 49330
Ion Ratio Lower Upper
93 100
63 76.5 63.6 103.6
95 32.3 10.1 50.1

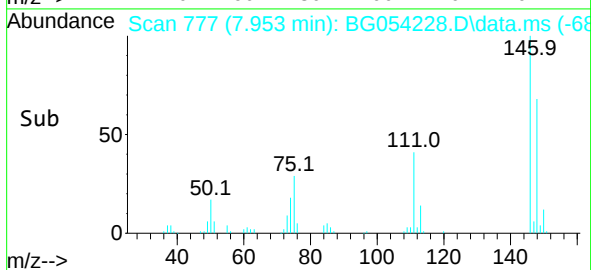
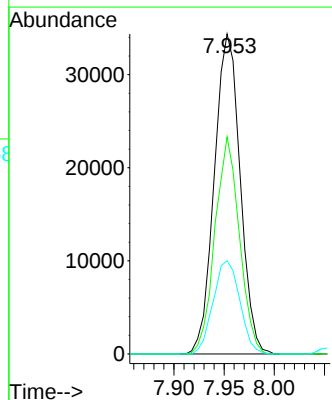
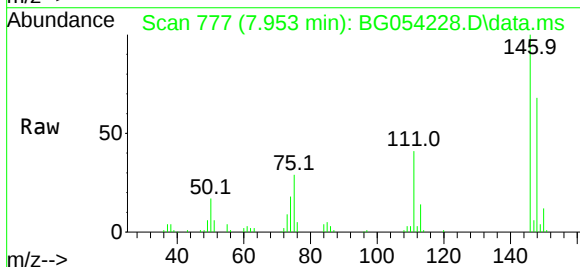
Manual Integrations
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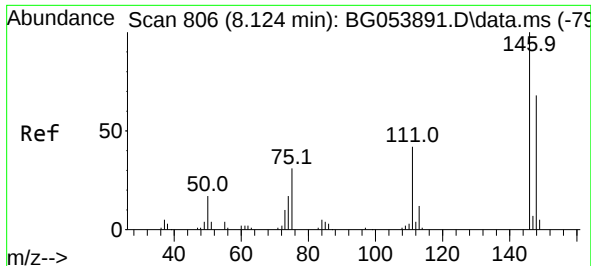
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#12
1,3-Dichlorobenzene
Concen: 48.572 ng
RT: 7.953 min Scan# 777
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Tgt Ion:146 Resp: 61509
Ion Ratio Lower Upper
146 100
148 67.9 46.1 69.1
75 29.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 49.427 ng

RT: 8.100 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

WC-4MS

Tgt Ion:146 Resp: 62874

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

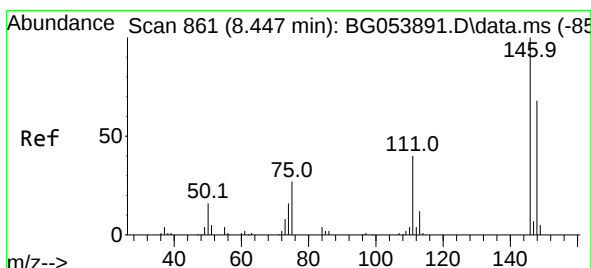
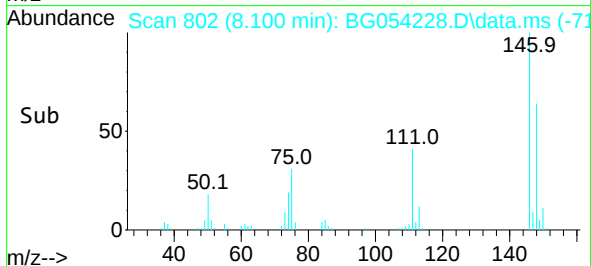
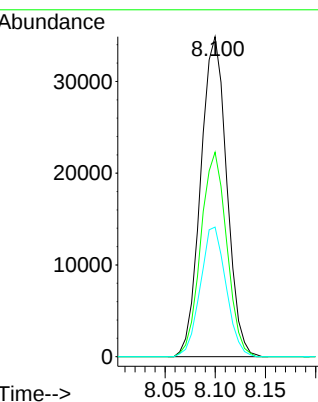
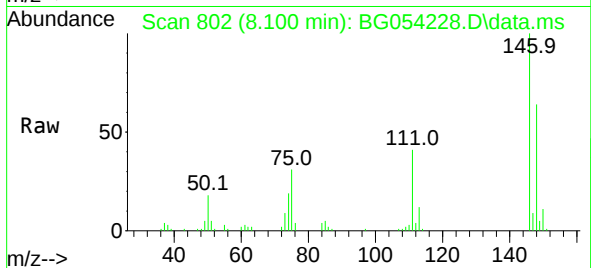
111 40.5 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#14

1,2-Dichlorobenzene

Concen: 50.108 ng

RT: 8.417 min Scan# 856

Delta R.T. -0.012 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

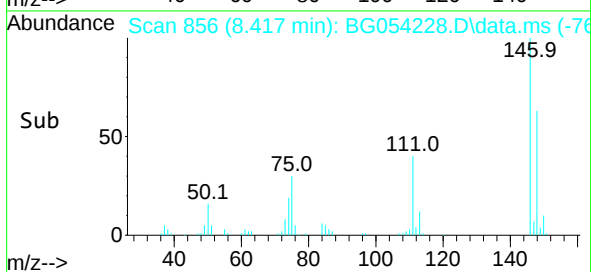
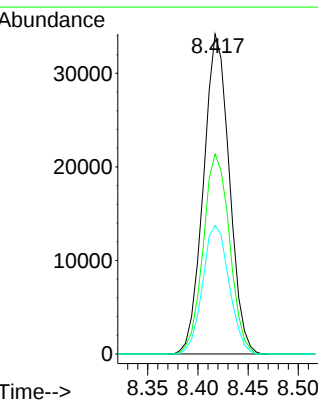
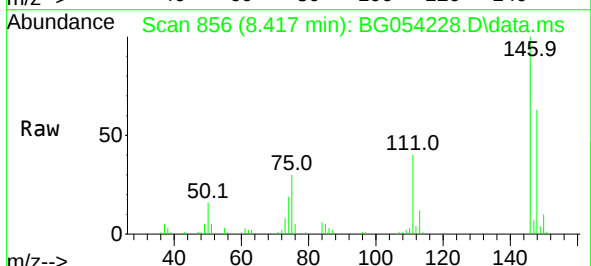
Tgt Ion:146 Resp: 61188

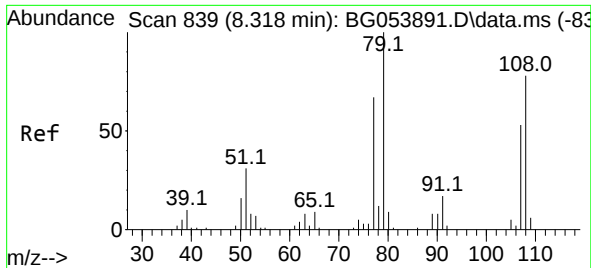
Ion Ratio Lower Upper

146 100

148 62.5 52.6 78.8

111 40.1 34.5 51.7





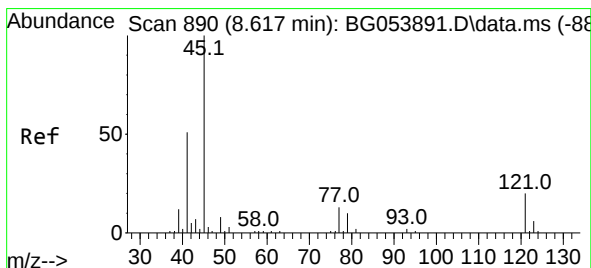
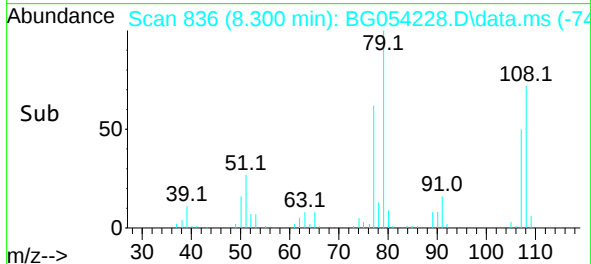
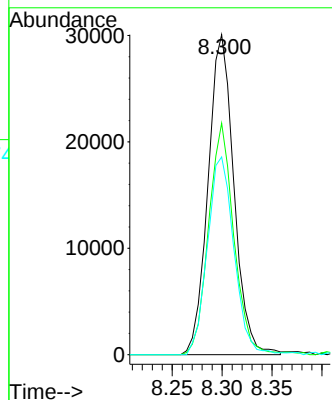
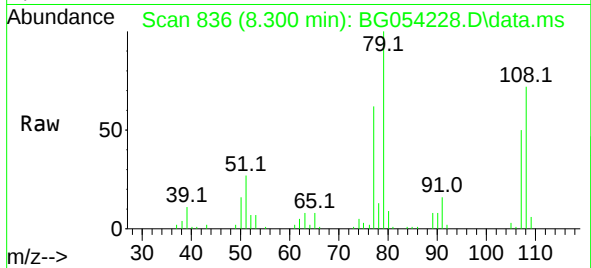
#15
Benzyl Alcohol
Concen: 56.381 ng m
RT: 8.300 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion: 79 Resp: 5410
Ion Ratio Lower Upper
79 100
108 72.3 53.7 80.5
77 61.8 52.2 78.4

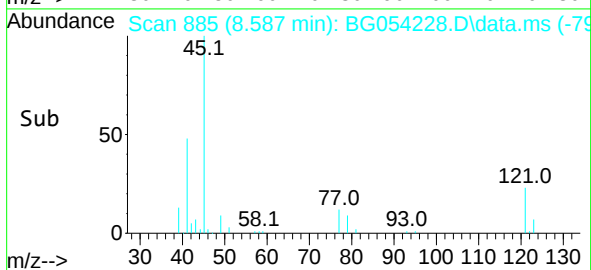
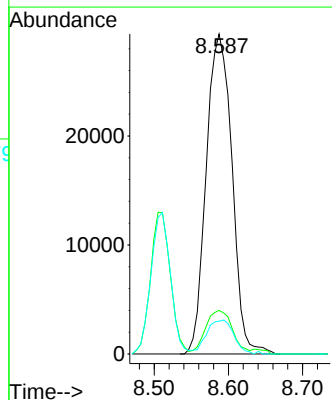
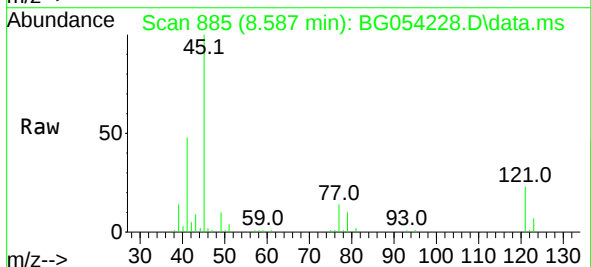
Manual Integrations
APPROVED

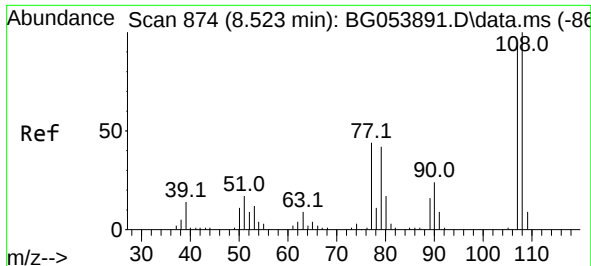
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.510 ng
RT: 8.587 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Tgt Ion: 45 Resp: 70936
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.7
79 10.3 0.0 29.7





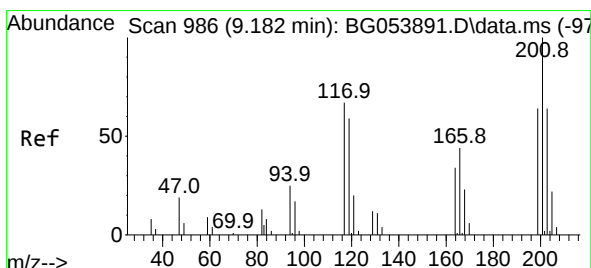
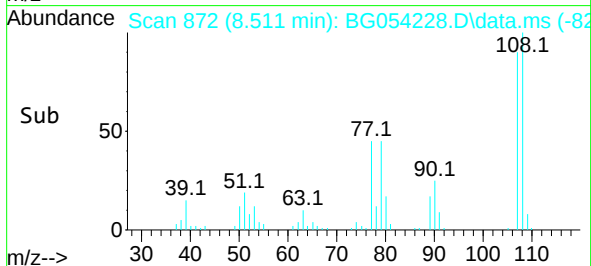
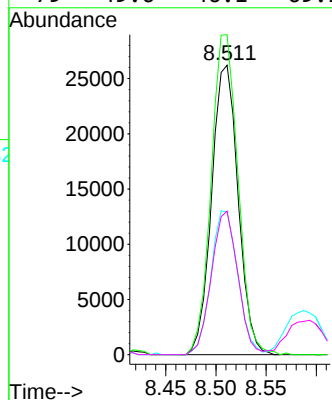
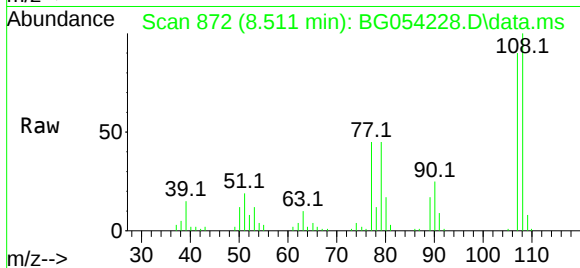
#17
2-Methylphenol
Concen: 53.286 ng
RT: 8.511 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:107 Resp: 4816
Ion Ratio Lower Upper
107 100
108 110.6 85.4 128.0
77 49.4 46.2 69.2
79 49.6 46.1 69.1

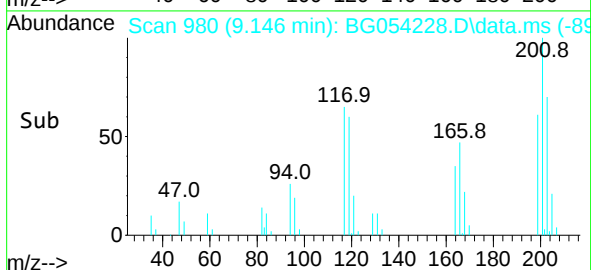
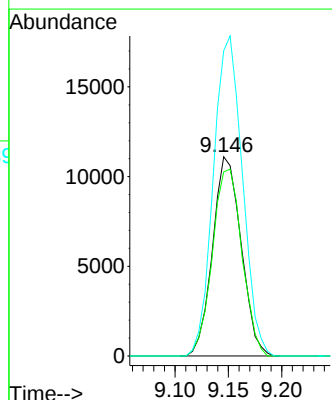
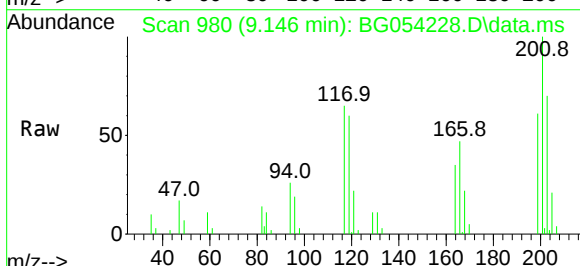
Manual Integrations
APPROVED

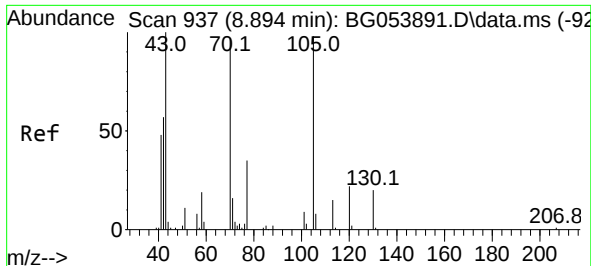
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#18
Hexachloroethane
Concen: 48.959 ng
RT: 9.146 min Scan# 980
Delta R.T. -0.018 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

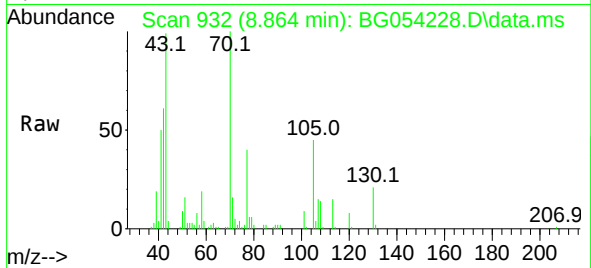
Tgt Ion:117 Resp: 20660
Ion Ratio Lower Upper
117 100
119 92.3 75.0 112.6
201 157.6 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 50.741 ng
RT: 8.864 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

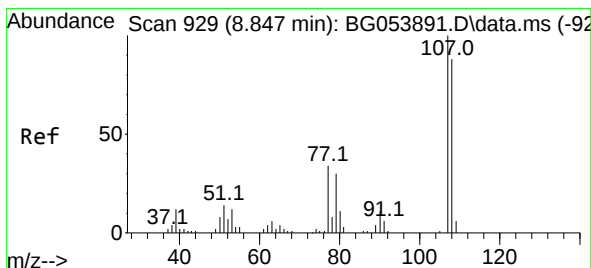
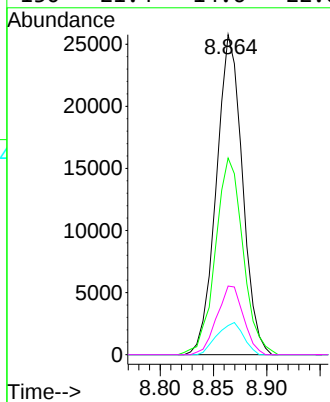
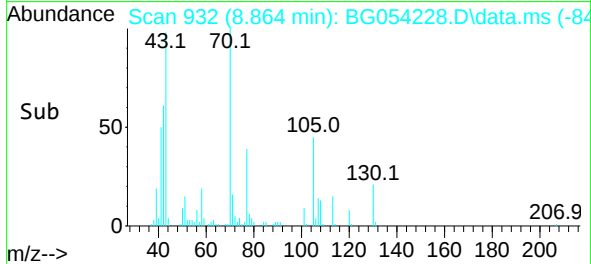
Instrument :
BNA_G
ClientSampleId :
WC-4MS



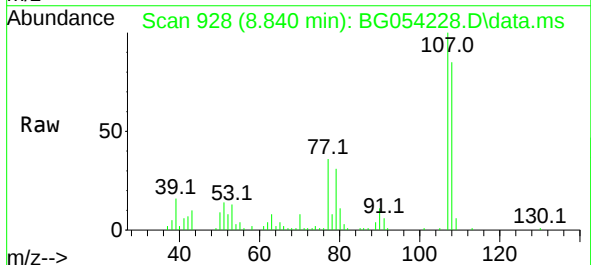
Tgt Ion: 70 Resp: 43770
Ion Ratio Lower Upper
70 100
42 61.4 47.3 70.9
101 9.1 7.0 10.4
130 21.4 14.6 22.0

Manual Integrations
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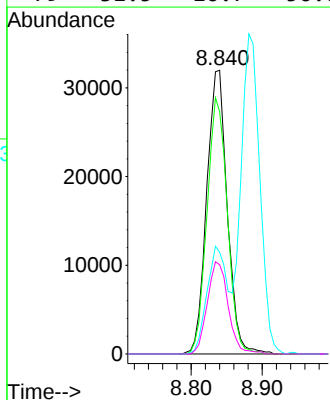
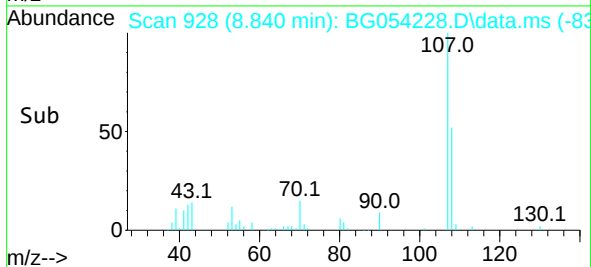
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

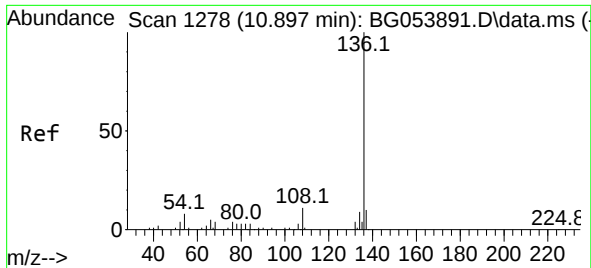


#20
3+4-Methylphenols
Concen: 50.692 ng
RT: 8.840 min Scan# 928
Delta R.T. 0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



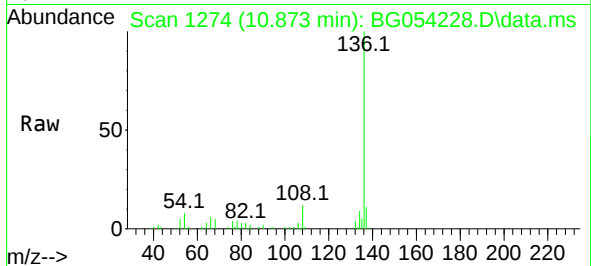
Tgt Ion:107 Resp: 64262
Ion Ratio Lower Upper
107 100
108 85.4 67.5 107.5
77 35.8 20.3 60.3
79 31.5 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

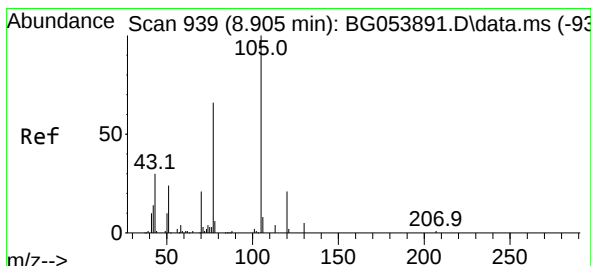
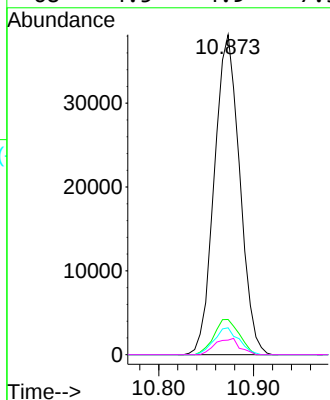
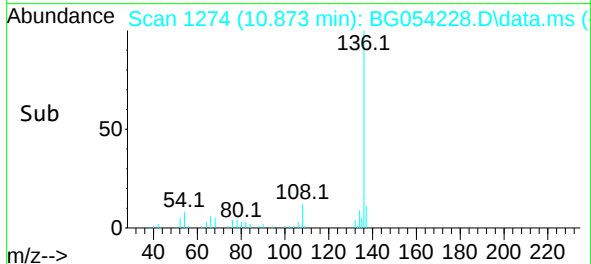
Instrument :
BNA_G
ClientSampleId :
WC-4MS



Tgt Ion:136 Resp: 70985
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.4 7.4 11.2
68 4.5 4.9 7.3#

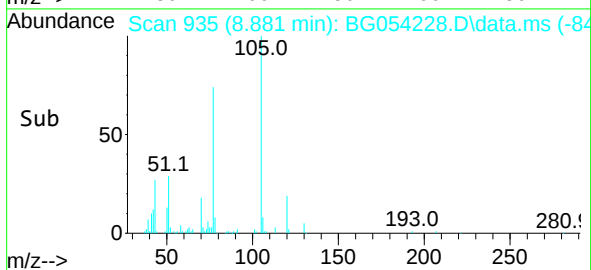
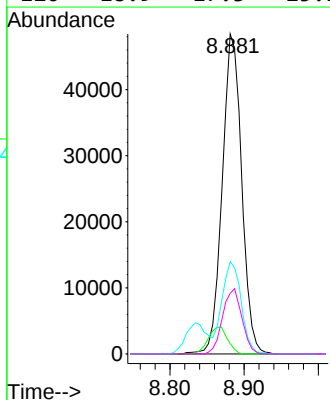
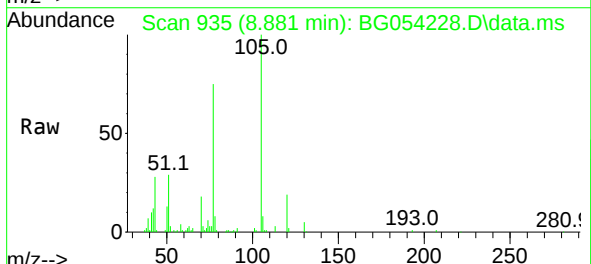
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#22
Acetophenone
Concen: 51.073 ng
RT: 8.881 min Scan# 935
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Tgt Ion:105 Resp: 88125
Ion Ratio Lower Upper
105 100
71 3.3 1.1 1.7#
51 28.8 25.4 38.0
120 18.9 17.3 25.9





#23
Nitrobenzene-d5
Concen: 101.353 ng
RT: 9.228 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

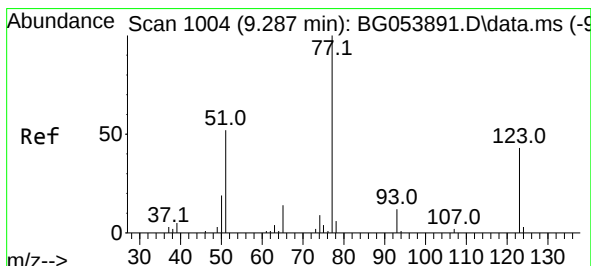
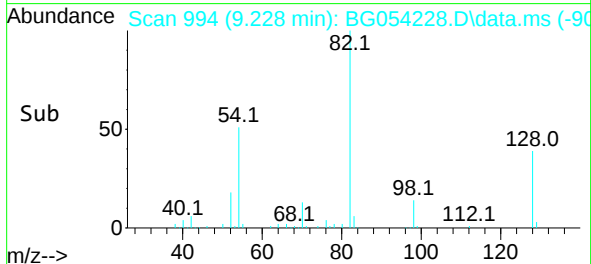
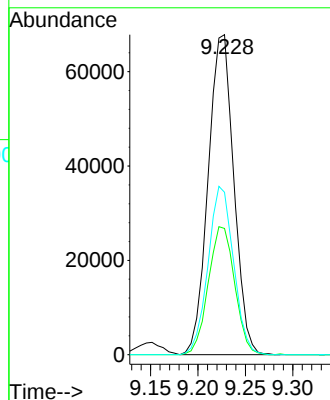
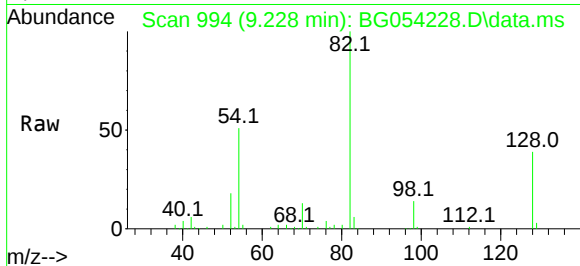
WC-4MS

Tgt Ion: 82 Resp: 128025
Ion Ratio Lower Upper
82 100
128 39.5 27.9 41.9
54 50.7 41.2 61.8

Manual Integrations

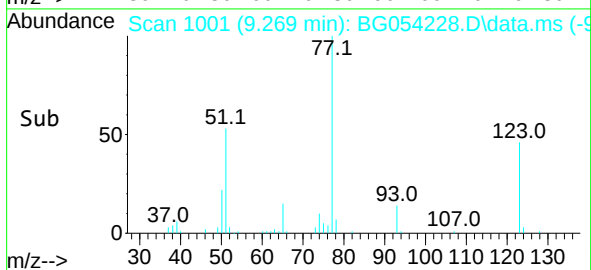
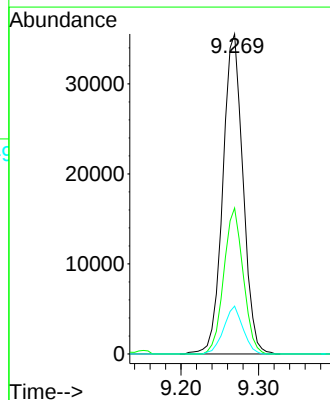
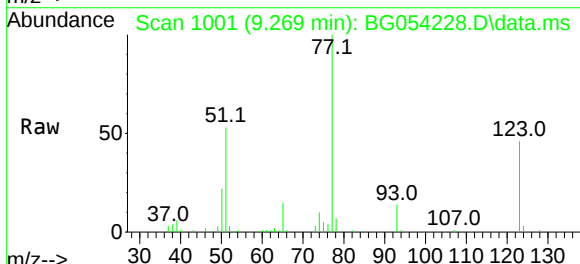
APPROVED

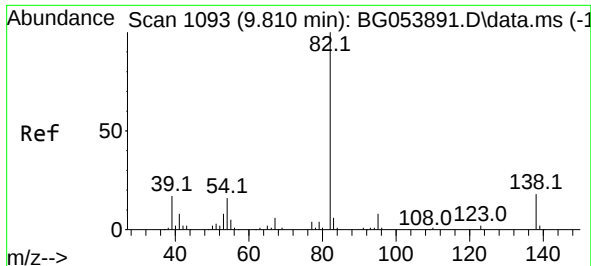
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#24
Nitrobenzene
Concen: 51.713 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

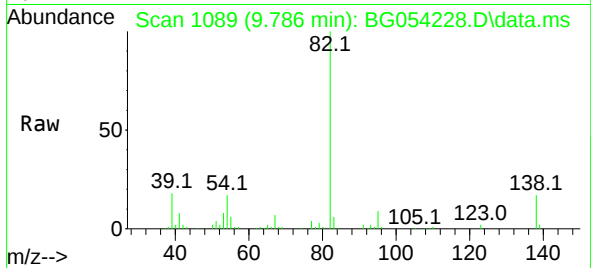
Tgt Ion: 77 Resp: 64325
Ion Ratio Lower Upper
77 100
123 45.6 27.4 41.0#
65 15.0 11.4 17.0





#25
Isophorone
Concen: 52.983 ng
RT: 9.786 min Scan# 1093
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

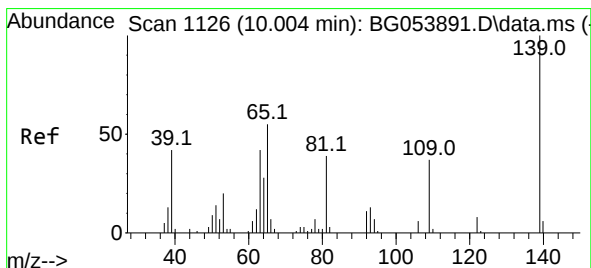
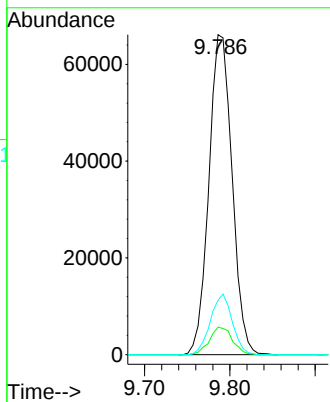
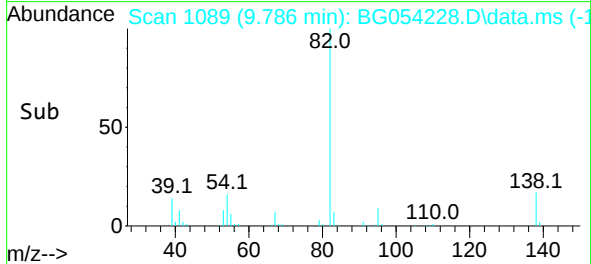
Instrument :
BNA_G
ClientSampleId :
WC-4MS



Tgt Ion: 82 Resp: 12499
Ion Ratio Lower Upper
82 100
95 8.6 6.2 9.4
138 17.0 11.6 17.4

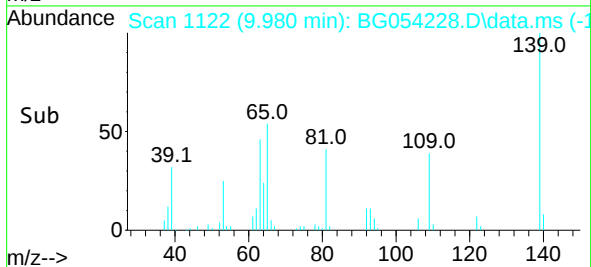
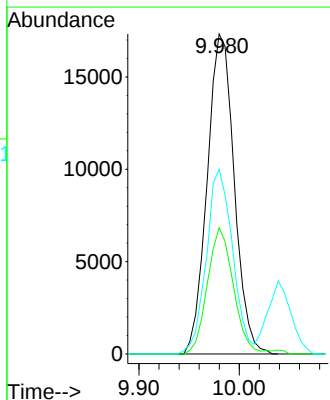
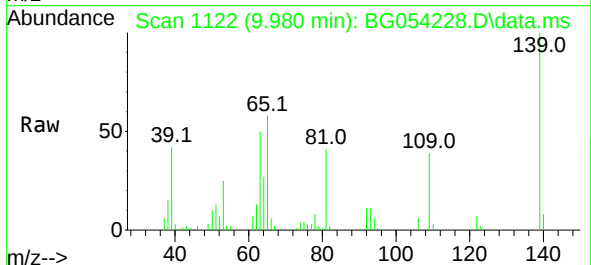
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#26
2-Nitrophenol
Concen: 59.073 ng
RT: 9.980 min Scan# 1122
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Tgt Ion:139 Resp: 32455
Ion Ratio Lower Upper
139 100
109 39.4 36.1 54.1
65 57.7 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 63.030 ng

RT: 10.039 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

WC-4MS

Tgt Ion:122 Resp: 56050

Ion Ratio Lower Upper

122 100

107 123.0 109.4 164.0

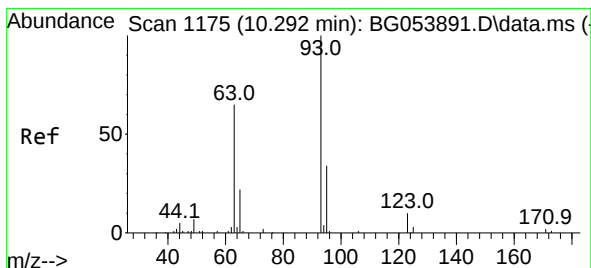
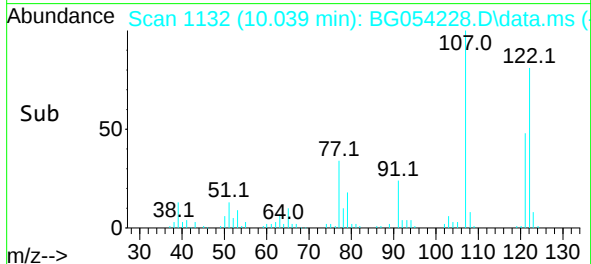
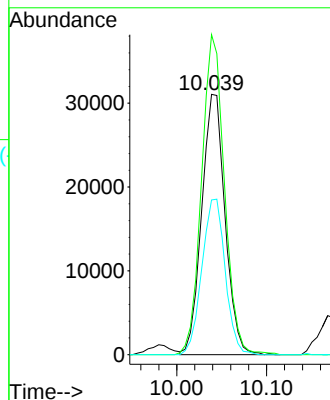
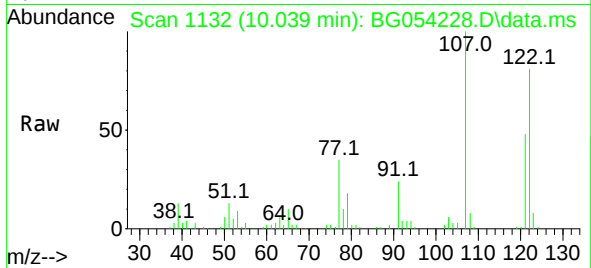
121 59.4 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#28

bis(2-Chloroethoxy)methane

Concen: 55.850 ng

RT: 10.268 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

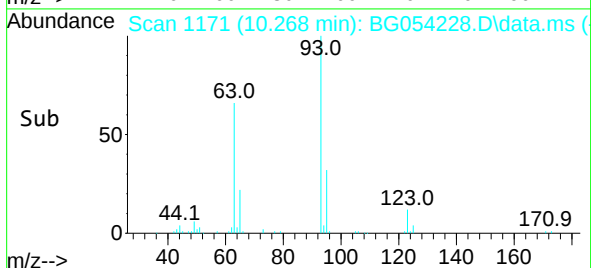
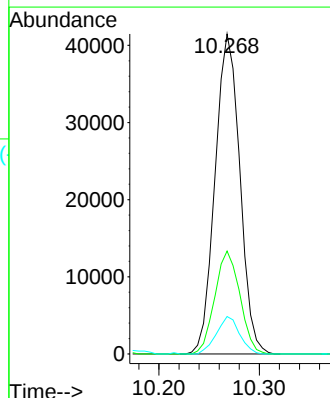
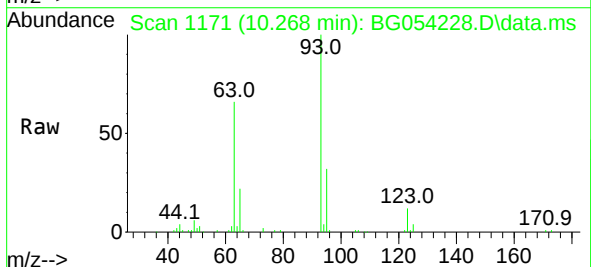
Tgt Ion: 93 Resp: 70979

Ion Ratio Lower Upper

93 100

95 32.2 26.9 40.3

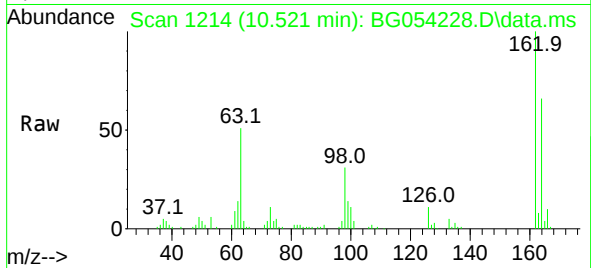
123 11.7 7.7 11.5#





#29
2,4-Dichlorophenol
Concen: 57.658 ng
RT: 10.521 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

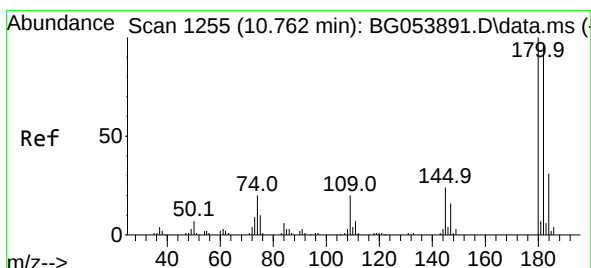
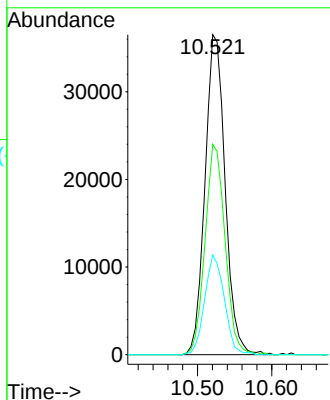
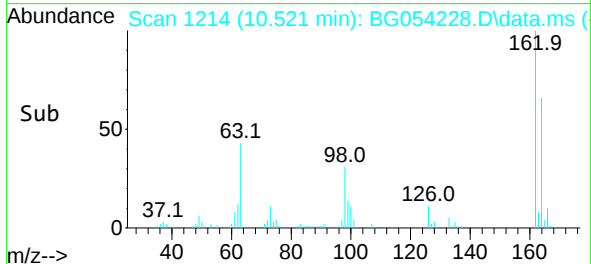
Instrument :
BNA_G
ClientSampleId :
WC-4MS



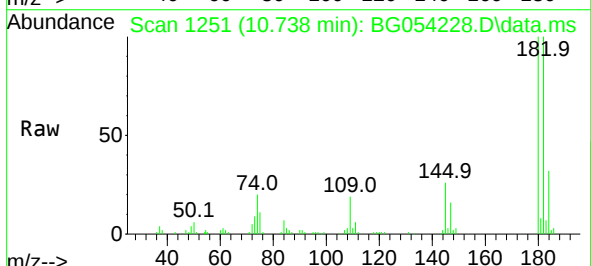
Tgt Ion:162 Resp: 6874
Ion Ratio Lower Upper
162 100
164 65.7 46.6 86.6
98 31.1 22.8 62.8

Manual Integrations
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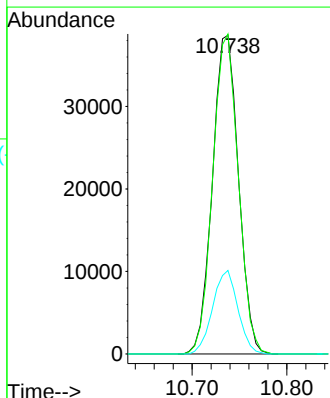
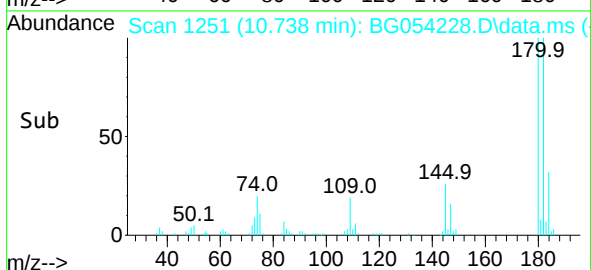
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

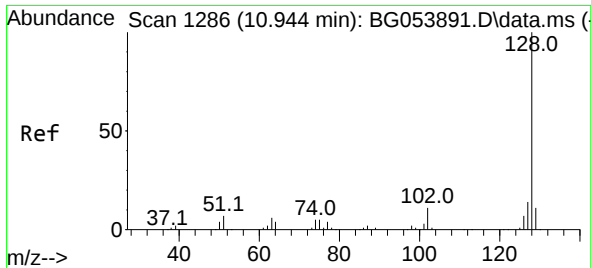


#30
1,2,4-Trichlorobenzene
Concen: 49.919 ng
RT: 10.738 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



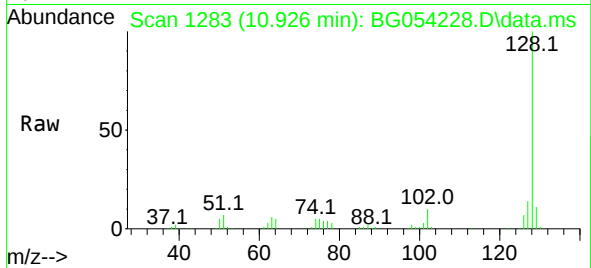
Tgt Ion:180 Resp: 73696
Ion Ratio Lower Upper
180 100
182 100.4 76.6 115.0
145 26.2 25.0 37.4





#31
Naphthalene
Concen: 48.691 ng
RT: 10.926 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

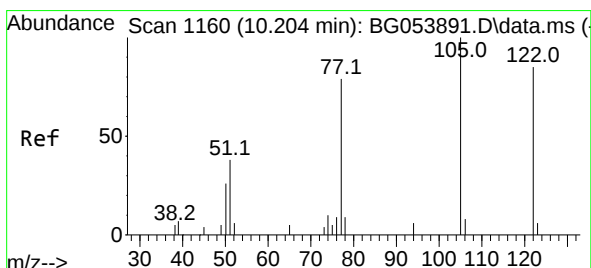
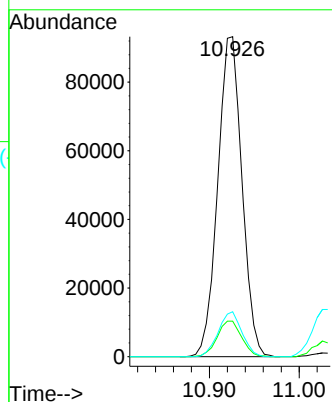
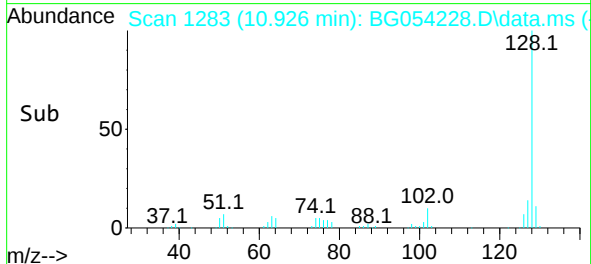
Instrument :
BNA_G
ClientSampleId :
WC-4MS



Tgt Ion:128 Resp: 174484
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.0 11.1 16.7

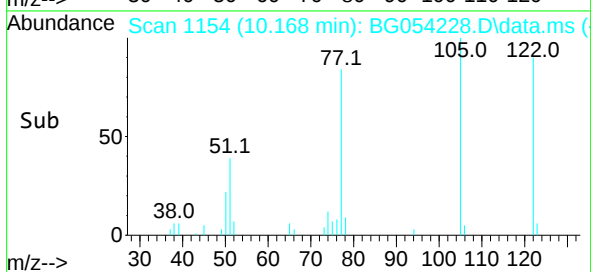
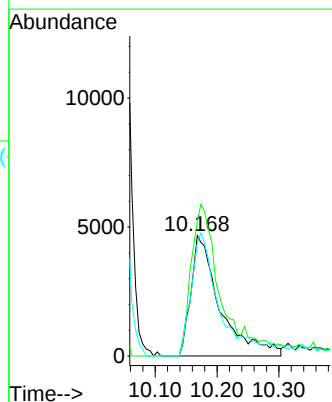
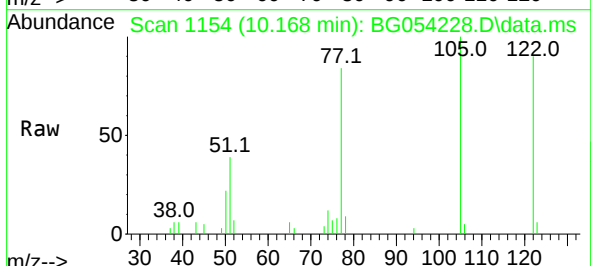
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#32
Benzoic acid
Concen: 41.469 ng m
RT: 10.168 min Scan# 1154
Delta R.T. -0.029 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

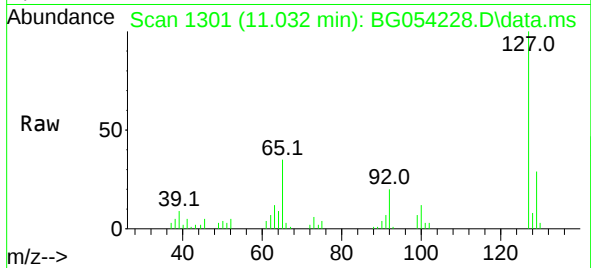
Tgt Ion:122 Resp: 15288
Ion Ratio Lower Upper
122 100
105 111.6 111.8 151.8#
77 93.8 109.4 149.4#





#33
4-Chloroaniline
Concen: 19.566 ng
RT: 11.032 min Scan# 11032
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

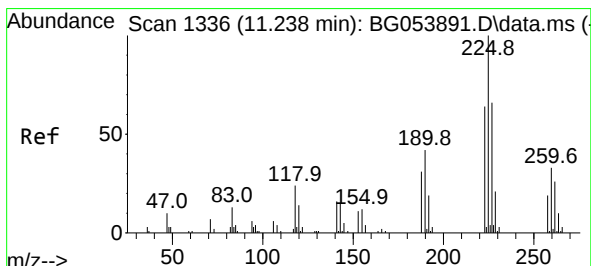
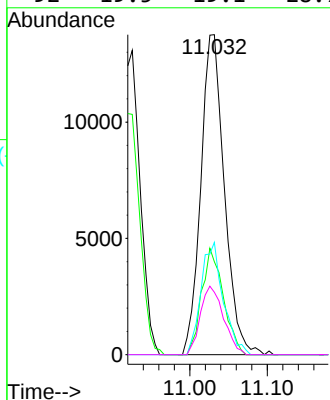
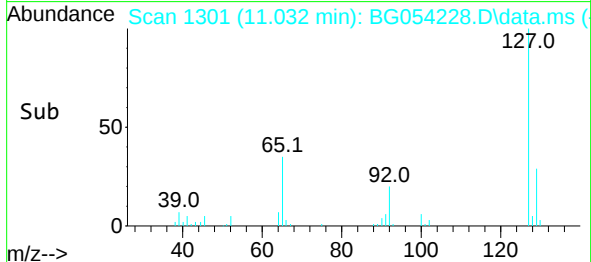
Instrument :
BNA_G
ClientSampleId :
WC-4MS



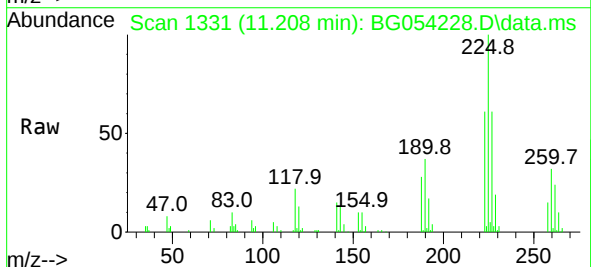
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.0	26.3	39.5
65	35.1	31.1	46.7
92	19.5	19.1	28.7

Manual Integrations
APPROVED

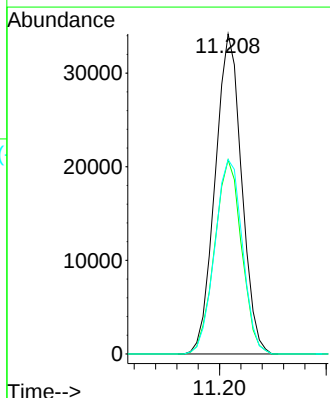
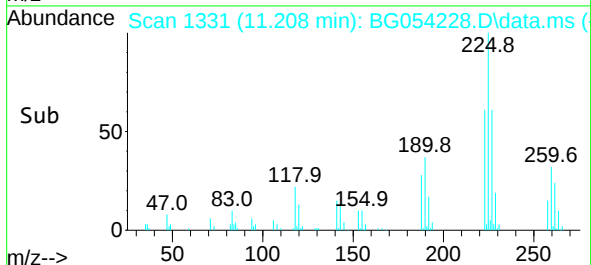
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

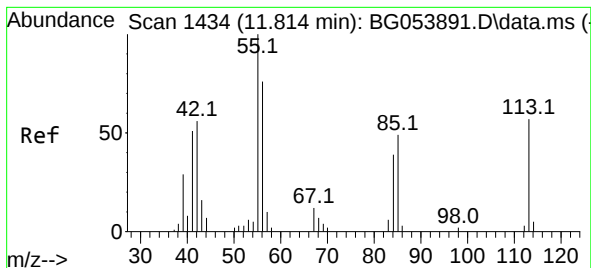


#34
Hexachlorobutadiene
Concen: 51.869 ng
RT: 11.208 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



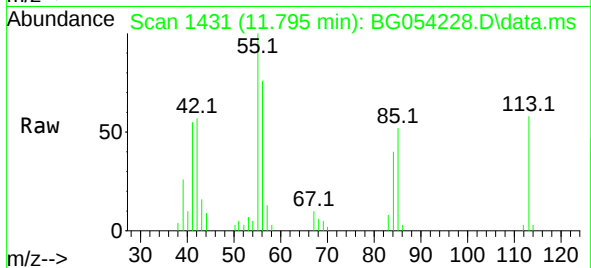
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.9	73.3
227	60.8	52.8	79.2





#35
 Caprolactam
 Concen: 55.760 ng m
 RT: 11.795 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: BG054228.D
 Acq: 7 Jul 2022 16:53

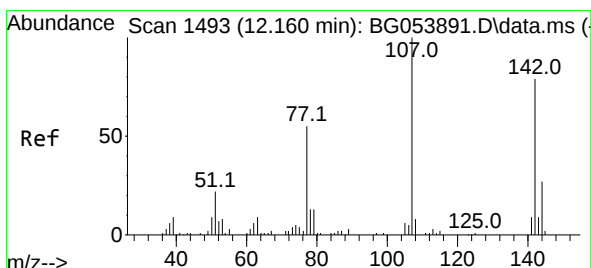
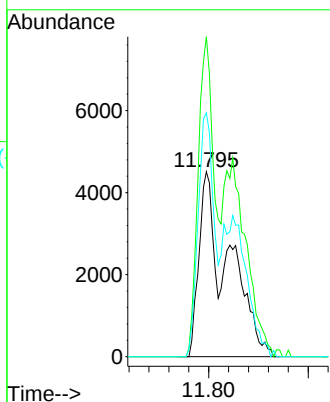
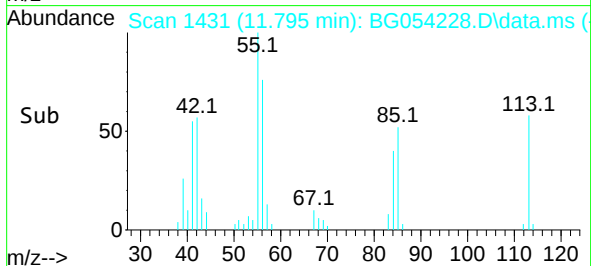
Instrument :
 BNA_G
 ClientSampleId :
 WC-4MS



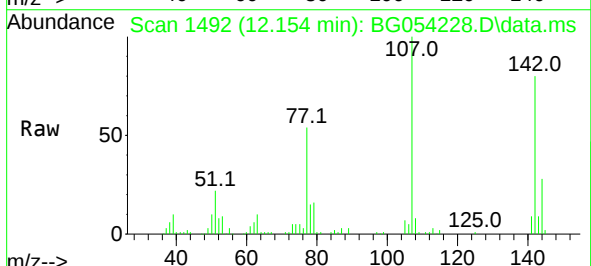
Tgt Ion:113 Resp: 1830
 Ion Ratio Lower Upper
 113 100
 55 173.1 169.8 209.8
 56 131.9 141.2 181.2

Manual Integrations
 APPROVED

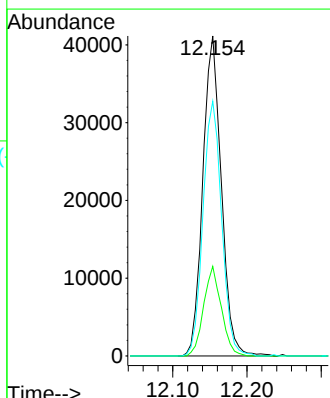
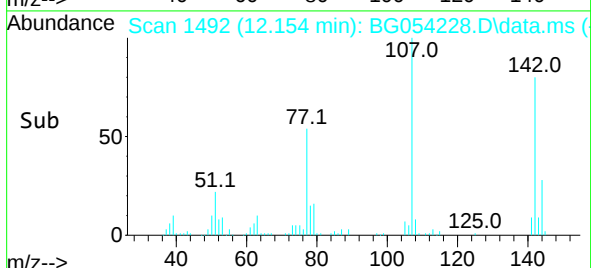
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022



#36
 4-Chloro-3-methylphenol
 Concen: 61.698 ng
 RT: 12.154 min Scan# 1492
 Delta R.T. 0.000 min
 Lab File: BG054228.D
 Acq: 7 Jul 2022 16:53



Tgt Ion:107 Resp: 71510
 Ion Ratio Lower Upper
 107 100
 144 28.0 18.5 27.7#
 142 79.6 55.0 82.4





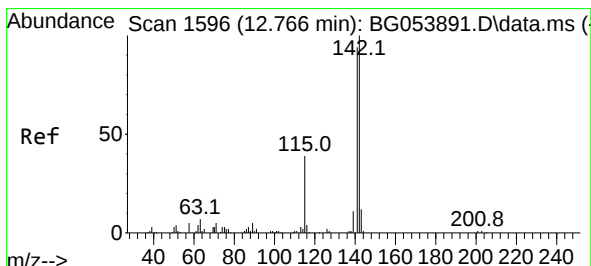
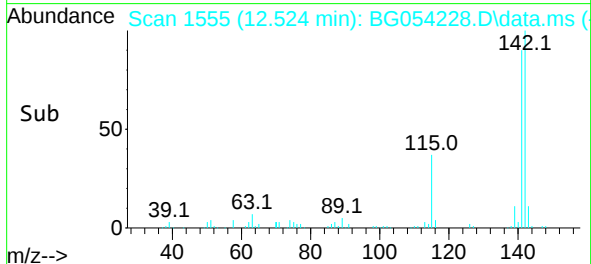
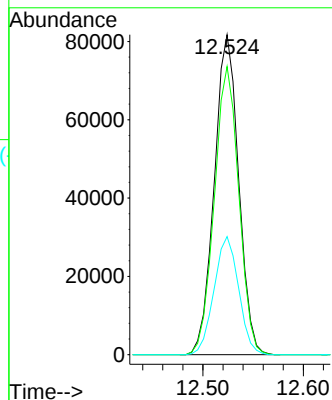
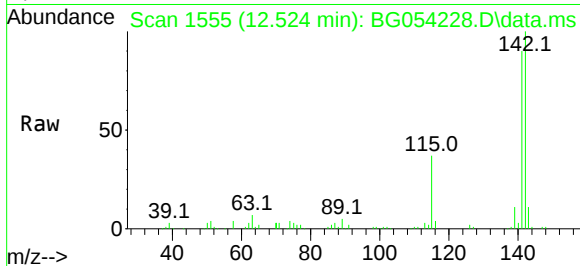
#37
2-Methylnaphthalene
Concen: 51.867 ng
RT: 12.524 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:142 Resp: 137515
Ion Ratio Lower Upper
142 100
141 90.1 72.3 108.5
115 36.9 33.7 50.5

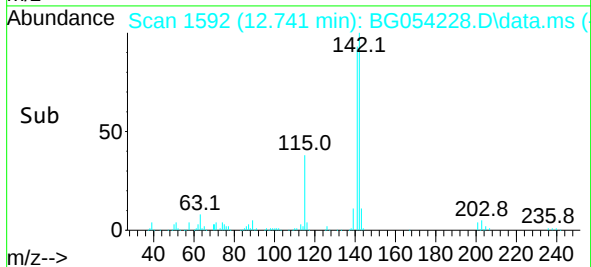
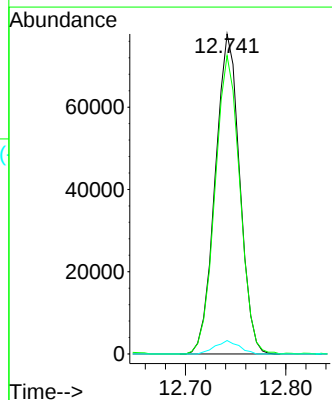
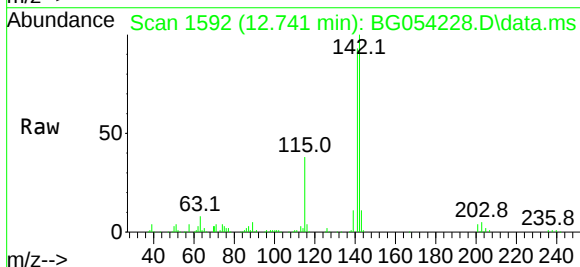
Manual Integrations
APPROVED

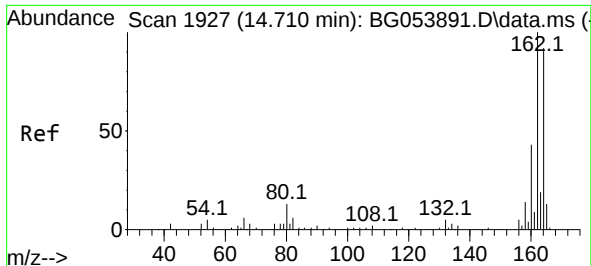
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#38
1-Methylnaphthalene
Concen: 50.849 ng
RT: 12.741 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

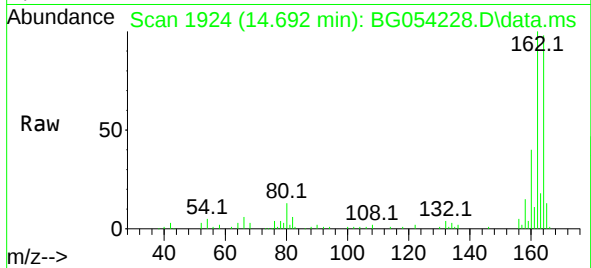
Tgt Ion:142 Resp: 131270
Ion Ratio Lower Upper
142 100
141 93.3 76.4 114.6
116 4.2 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

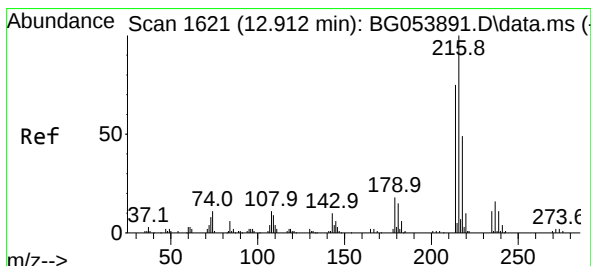
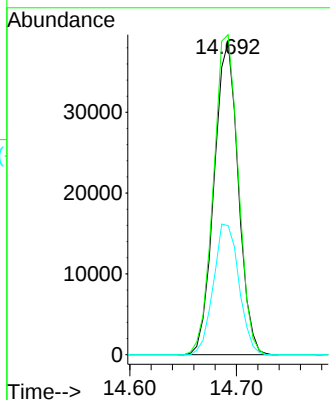
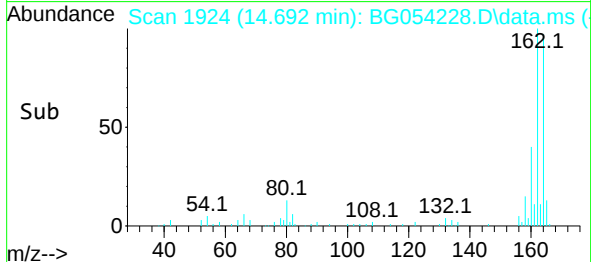
Instrument :
BNA_G
ClientSampleId :
WC-4MS



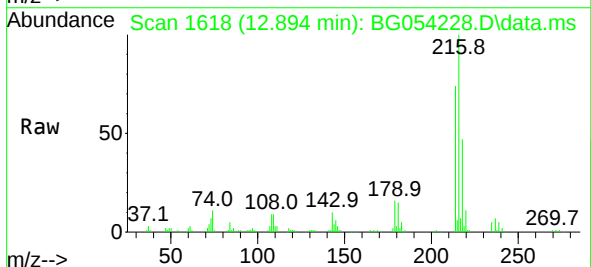
Tgt Ion:164 Resp: 6089
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 41.3 34.2 51.2

Manual Integrations
APPROVED

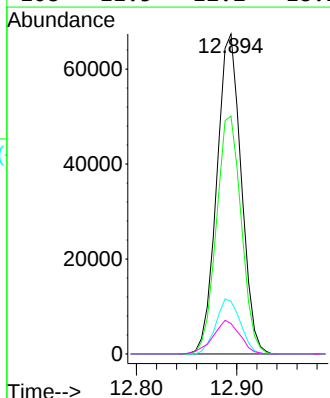
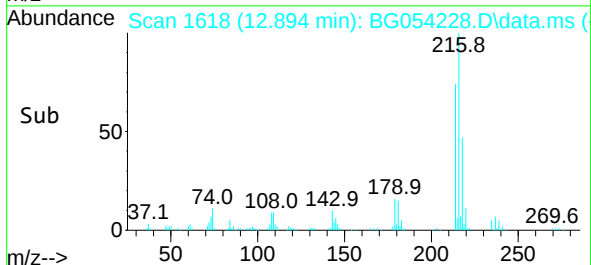
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.451 ng
RT: 12.894 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



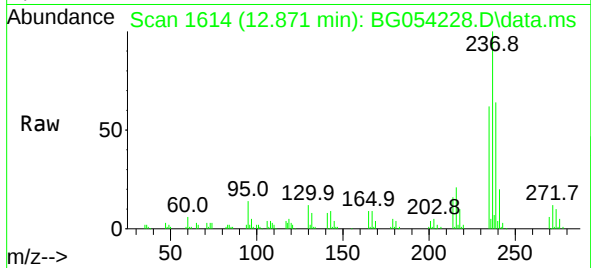
Tgt Ion:216 Resp: 113683
Ion Ratio Lower Upper
216 100
214 75.8 62.9 94.3
179 17.3 16.1 24.1
108 11.5 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 69.450 ng
RT: 12.871 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

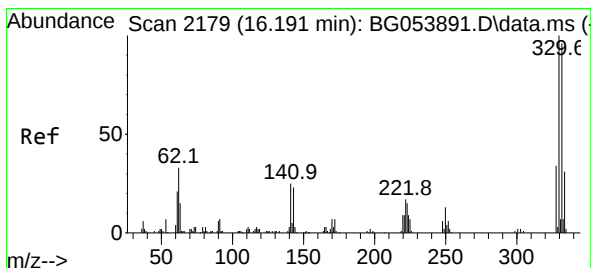
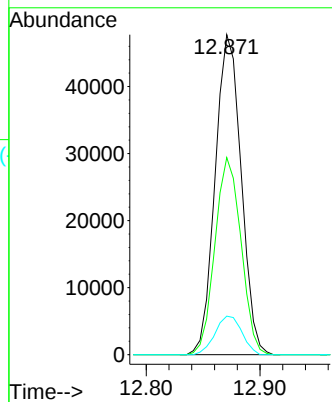
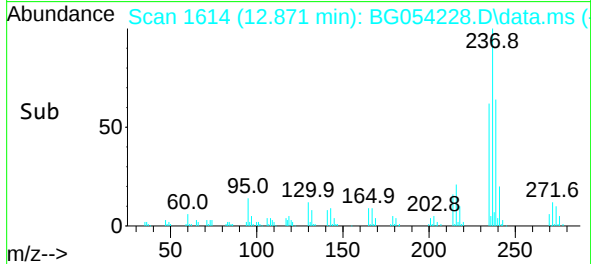
Instrument :
BNA_G
ClientSampleId :
WC-4MS



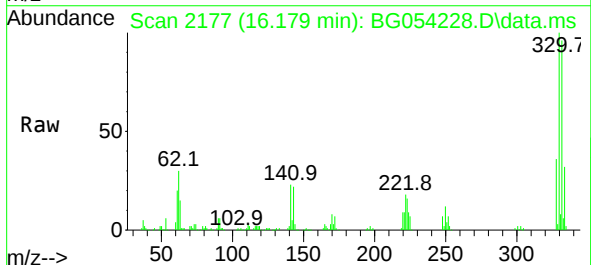
Tgt Ion:237 Resp: 75878
Ion Ratio Lower Upper
237 100
235 61.6 43.5 83.5
272 12.1 0.0 30.1

Manual Integrations
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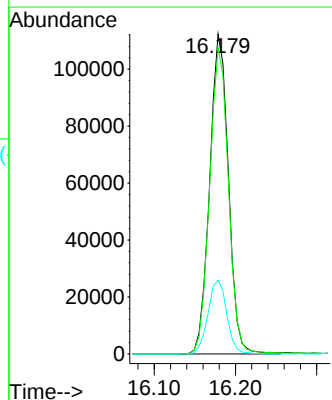
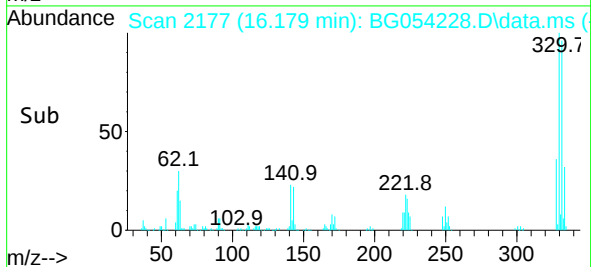
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

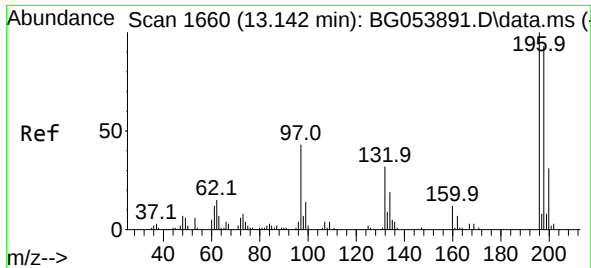


#42
2,4,6-Tribromophenol
Concen: 183.763 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion:330 Resp: 179785
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 23.1 27.1 40.7#





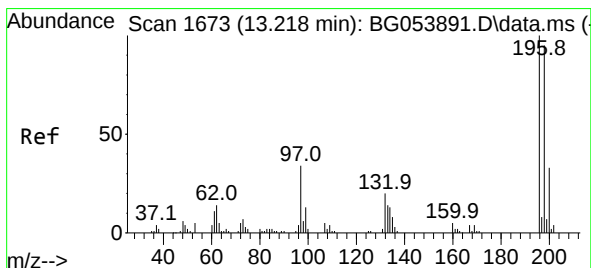
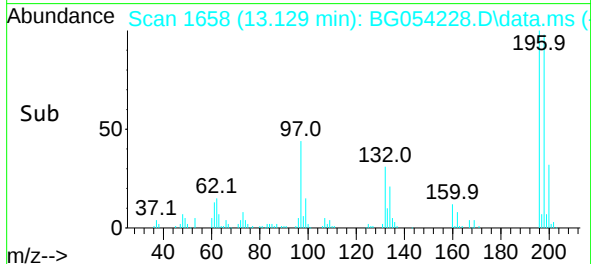
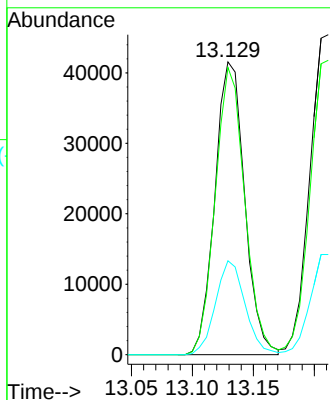
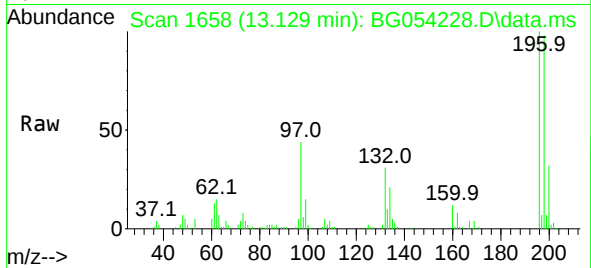
#43
2,4,6-Trichlorophenol
Concen: 53.533 ng
RT: 13.129 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:196 Resp: 70550
Ion Ratio Lower Upper
196 100
198 98.1 74.1 111.1
200 32.1 24.7 37.1

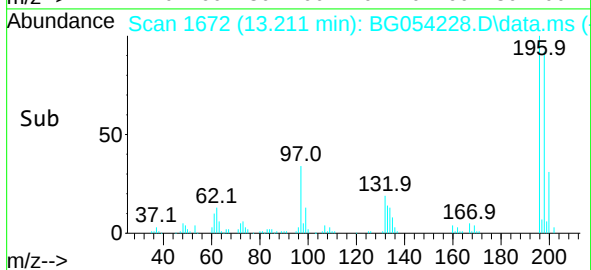
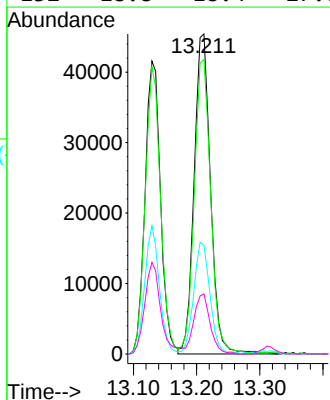
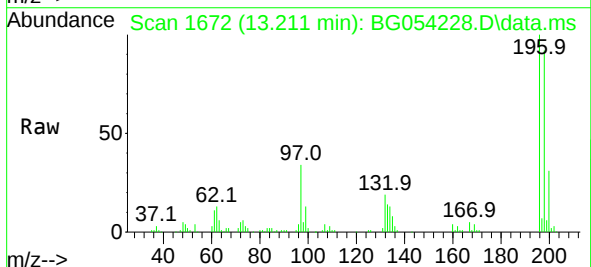
Manual Integrations
APPROVED

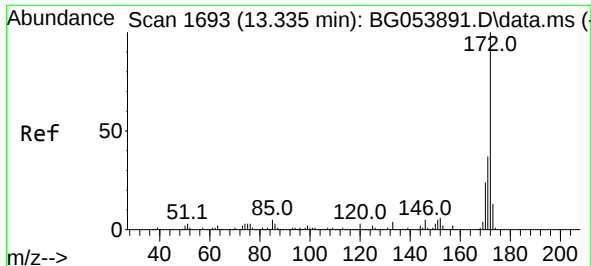
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#44
2,4,5-Trichlorophenol
Concen: 55.711 ng
RT: 13.211 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

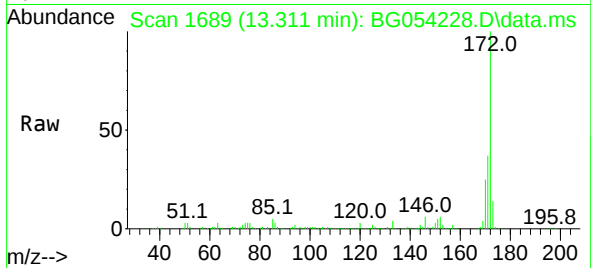
Tgt Ion:196 Resp: 81986
Ion Ratio Lower Upper
196 100
198 92.0 76.8 115.2
97 34.0 39.8 59.6#
132 18.8 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 90.657 ng
RT: 13.311 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

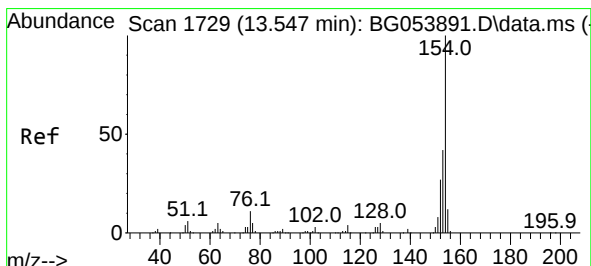
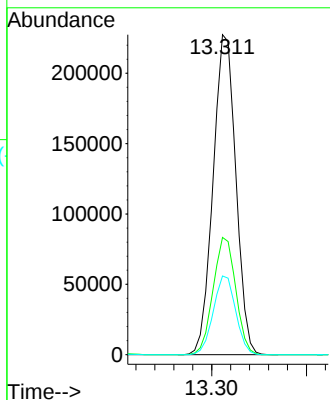
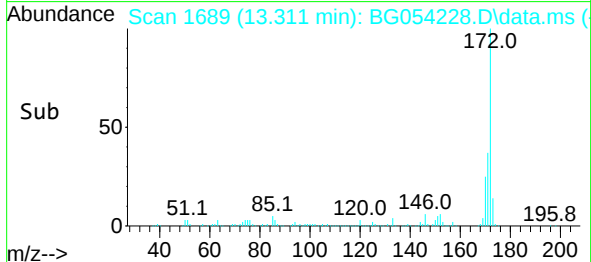
Instrument :
BNA_G
ClientSampleId :
WC-4MS



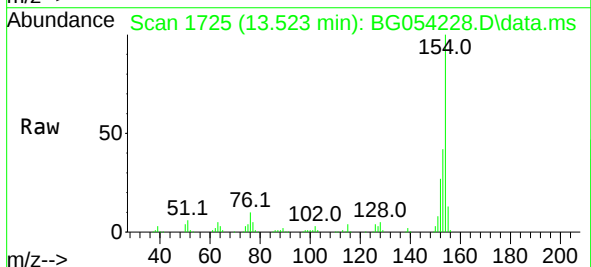
Tgt Ion:172 Resp: 37963
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.6 18.9 28.3

Manual Integrations
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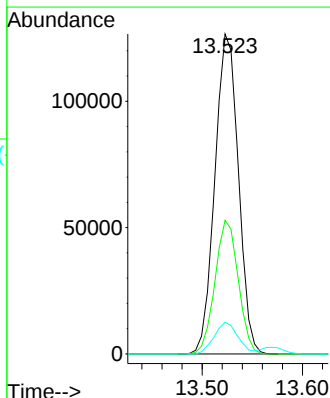
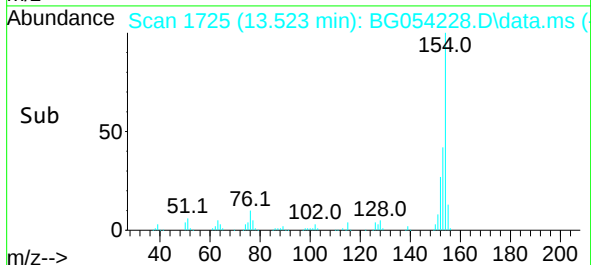
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

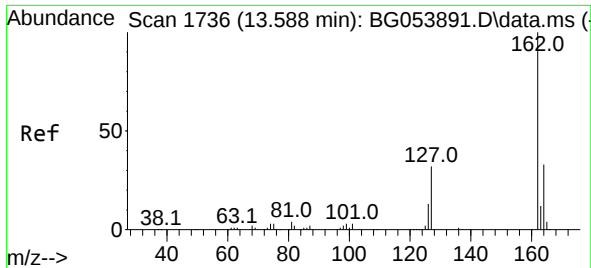


#46
1,1'-Biphenyl
Concen: 48.448 ng
RT: 13.523 min Scan# 1725
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion:154 Resp: 205495
Ion Ratio Lower Upper
154 100
153 41.8 21.6 61.6
76 9.9 0.0 32.6





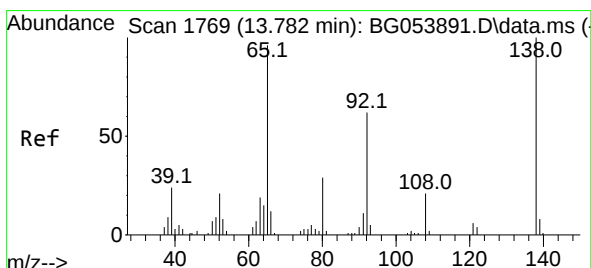
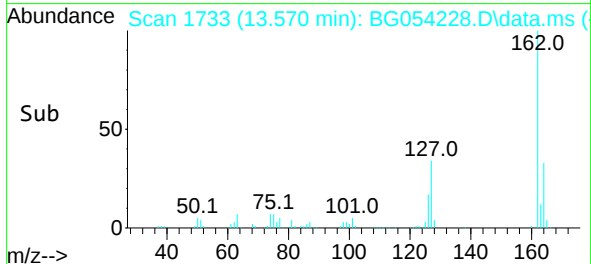
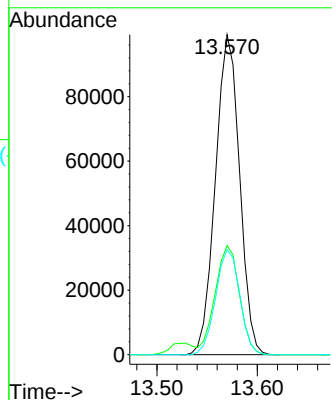
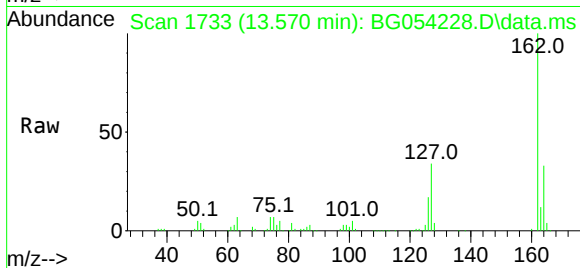
#47
2-Chloronaphthalene
Concen: 48.252 ng
RT: 13.570 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:162 Resp: 16563
Ion Ratio Lower Upper
162 100
127 34.1 30.6 45.8
164 32.9 26.5 39.7

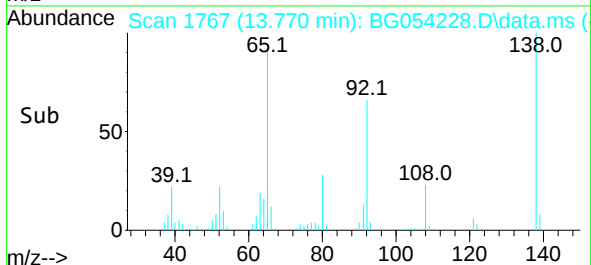
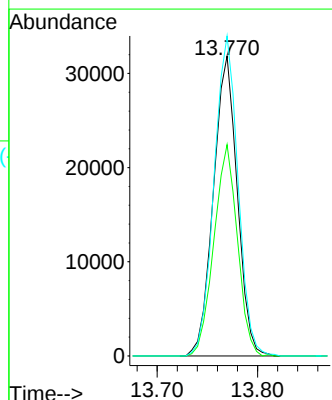
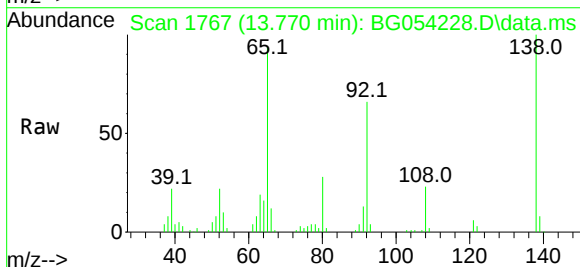
Manual Integrations
APPROVED

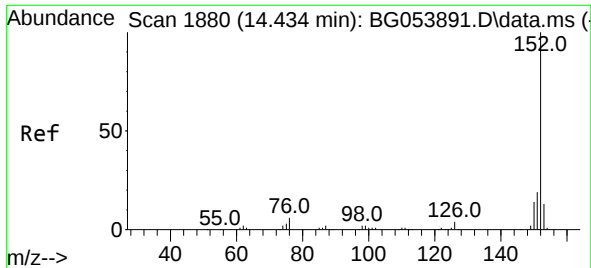
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#48
2-Nitroaniline
Concen: 57.602 ng
RT: 13.770 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

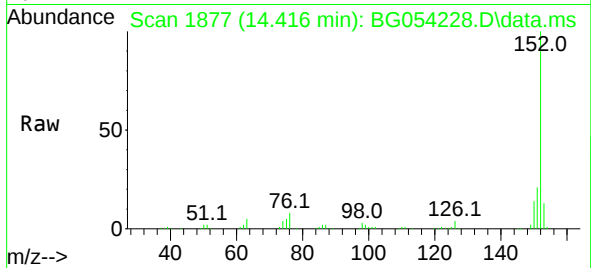
Tgt Ion: 65 Resp: 52598
Ion Ratio Lower Upper
65 100
92 70.4 51.5 77.3
138 106.7 71.3 106.9





#49
Acenaphthylene
Concen: 49.615 ng
RT: 14.416 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

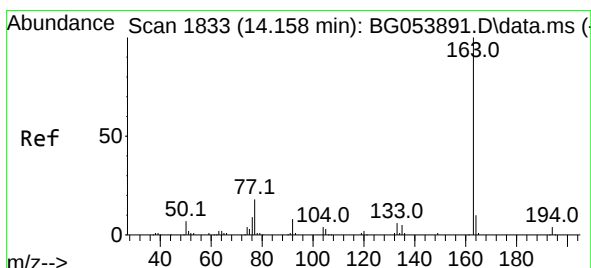
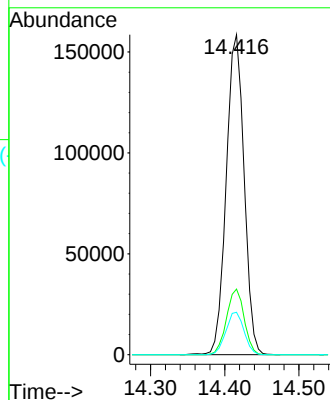
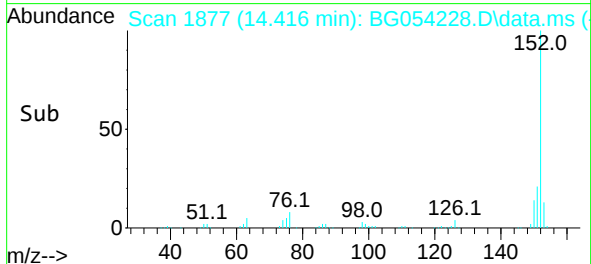
Instrument :
BNA_G
ClientSampleId :
WC-4MS



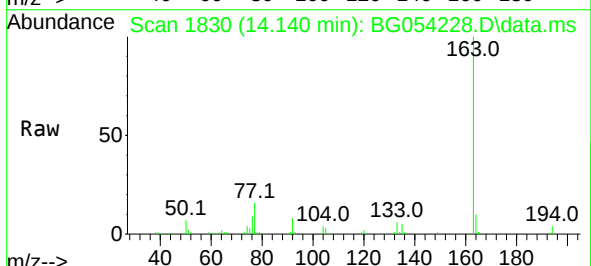
Tgt Ion:152 Resp: 264829
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.2 10.8 16.2

Manual Integrations
APPROVED

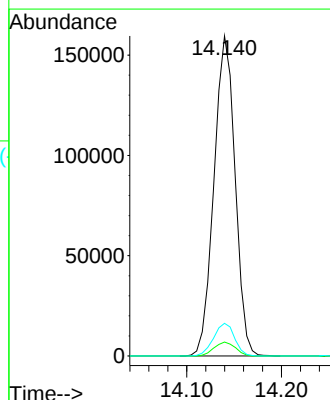
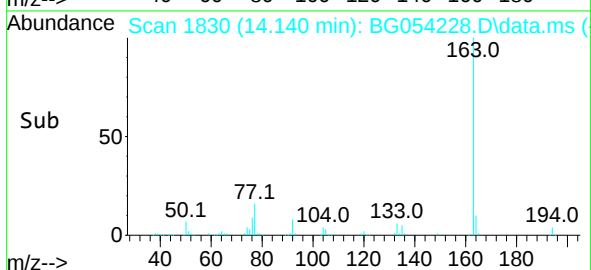
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

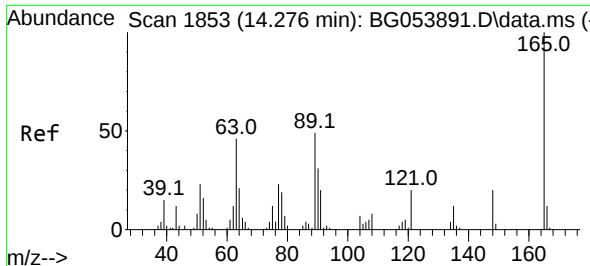


#50
Dimethylphthalate
Concen: 53.266 ng
RT: 14.140 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion:163 Resp: 247023
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.2 8.0 12.0





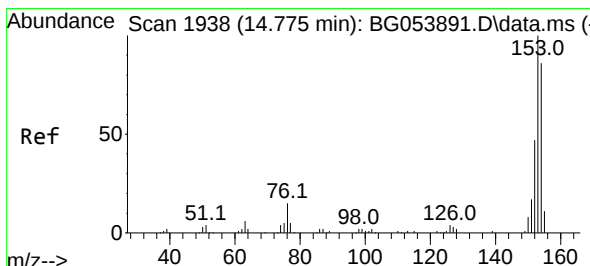
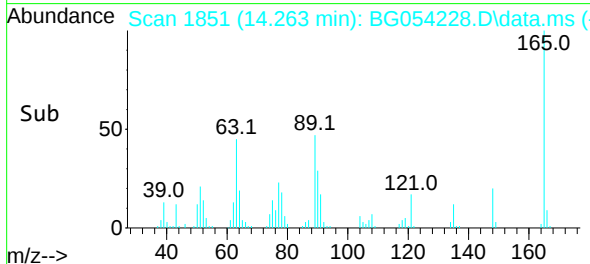
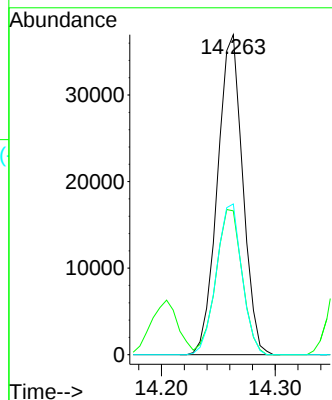
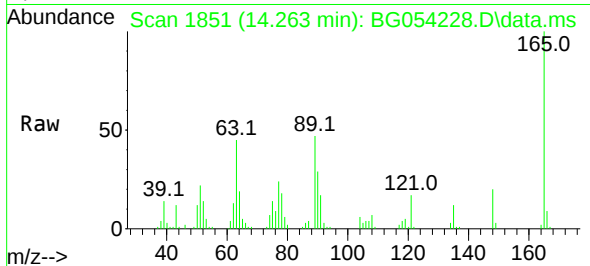
#51
2,6-Dinitrotoluene
Concen: 60.955 ng
RT: 14.263 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:165 Resp: 5711
Ion Ratio Lower Upper
165 100
63 44.9 54.1 81.1
89 47.1 54.8 82.2

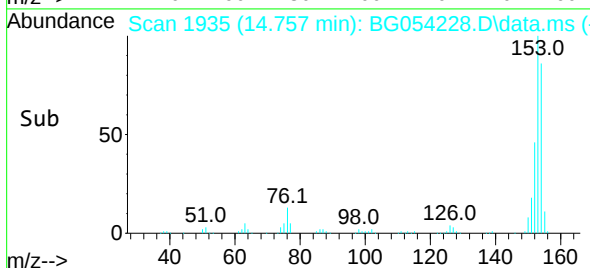
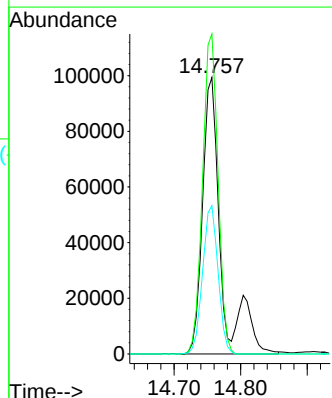
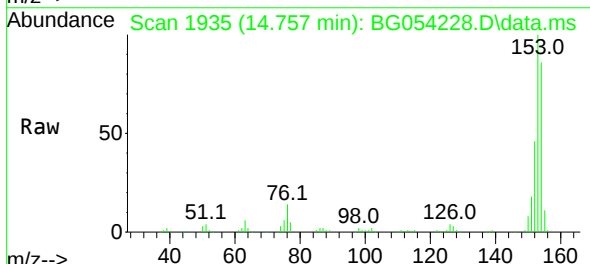
Manual Integrations
APPROVED

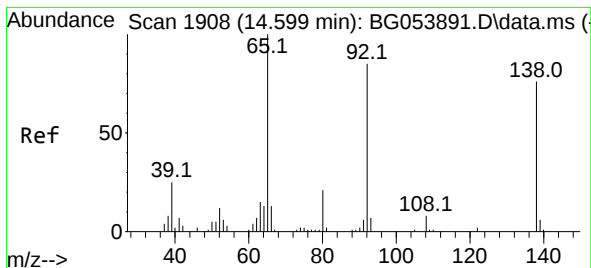
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#52
Acenaphthene
Concen: 56.879 ng m
RT: 14.757 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

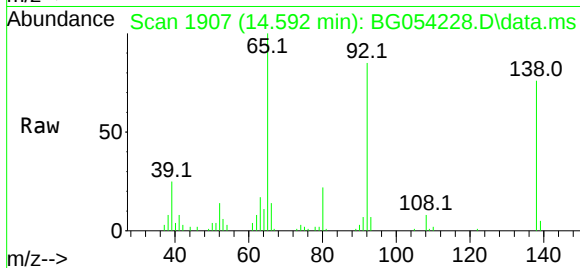
Tgt Ion:154 Resp: 193526
Ion Ratio Lower Upper
154 100
153 115.8 92.7 139.1
152 53.7 42.6 64.0





#53
3-Nitroaniline
Concen: 26.069 ng
RT: 14.592 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

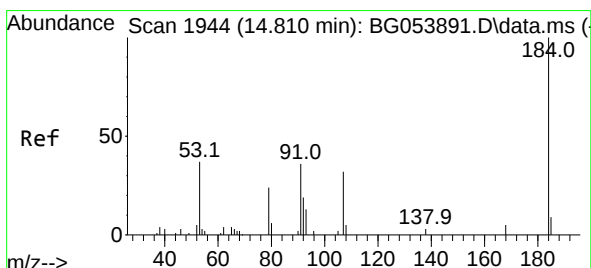
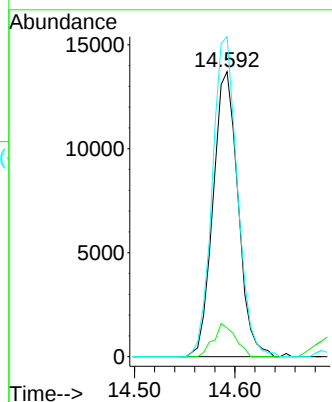
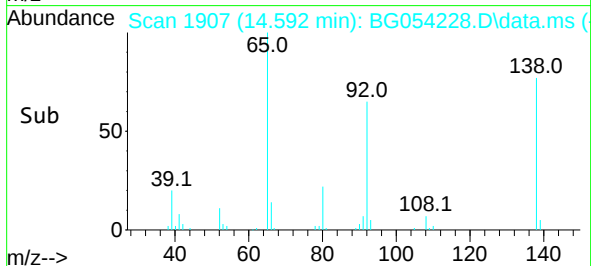
Instrument :
BNA_G
ClientSampleId :
WC-4MS



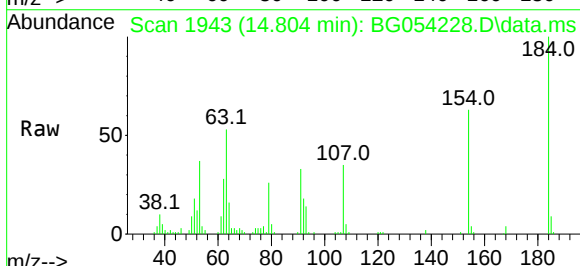
Tgt Ion:138 Resp: 23664
Ion Ratio Lower Upper
138 100
108 10.1 9.2 13.8
92 112.3 101.9 152.9

Manual Integrations
APPROVED

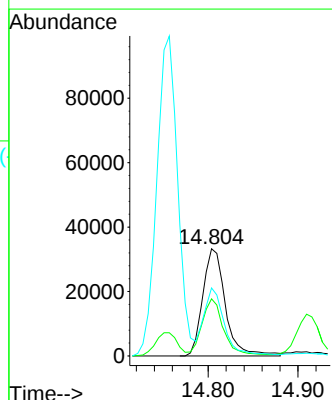
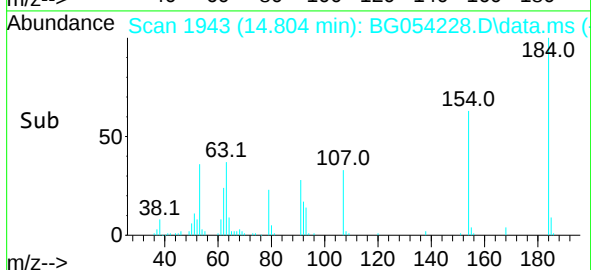
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#54
2,4-Dinitrophenol
Concen: 109.826 ng
RT: 14.804 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



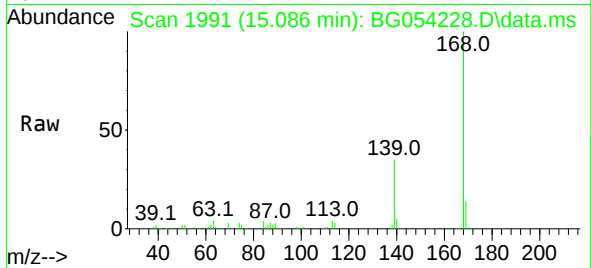
Tgt Ion:184 Resp: 58271
Ion Ratio Lower Upper
184 100
63 53.3 61.1 91.7#
154 63.3 60.6 91.0





#55
Dibenzenofuran
Concen: 51.746 ng
RT: 15.086 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

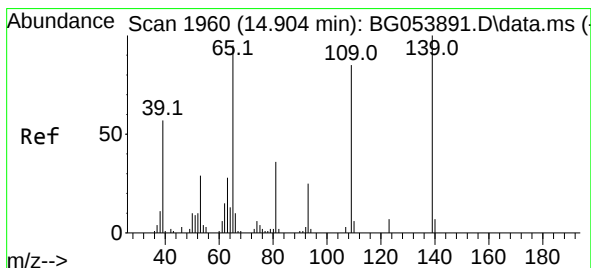
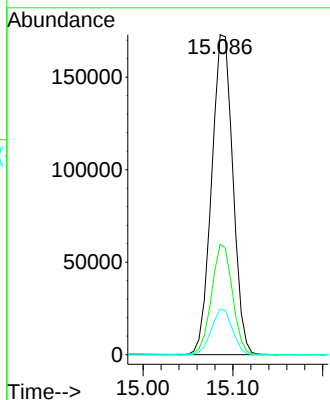
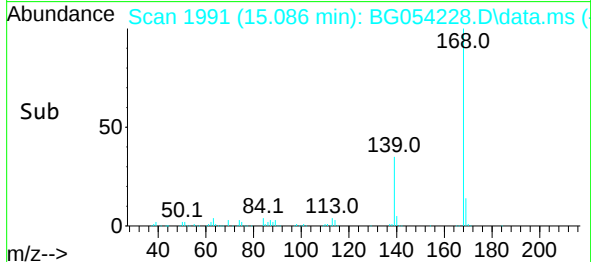
Instrument :
BNA_G
ClientSampleId :
WC-4MS



Tgt Ion:168 Resp: 283670
Ion Ratio Lower Upper
168 100
139 34.5 30.5 45.7
169 14.2 10.3 15.5

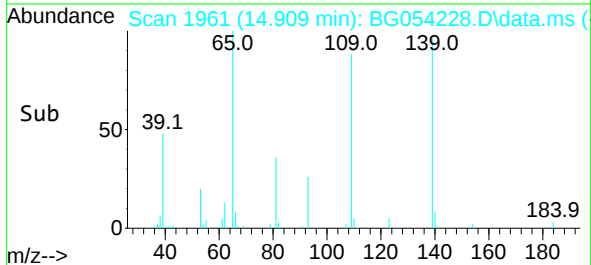
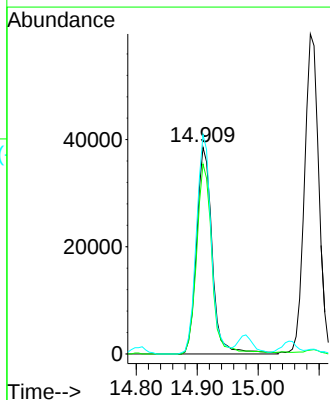
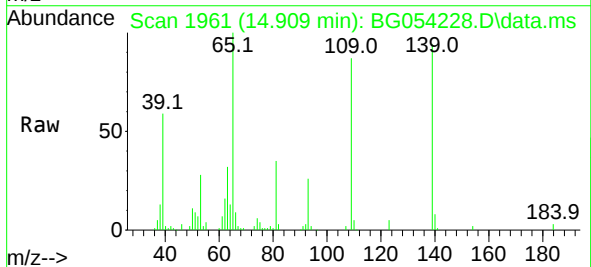
Manual Integrations
APPROVED

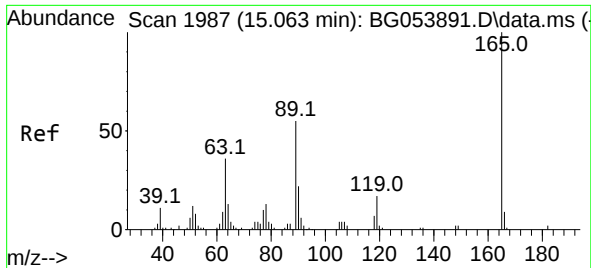
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#56
4-Nitrophenol
Concen: 106.074 ng
RT: 14.909 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

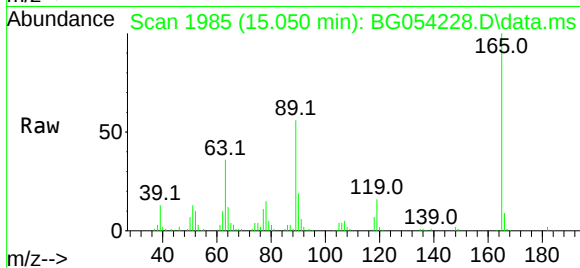
Tgt Ion:139 Resp: 68362
Ion Ratio Lower Upper
139 100
109 91.9 88.5 128.5
65 106.1 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 64.274 ng
RT: 15.050 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

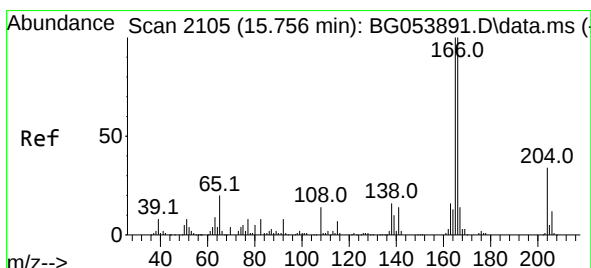
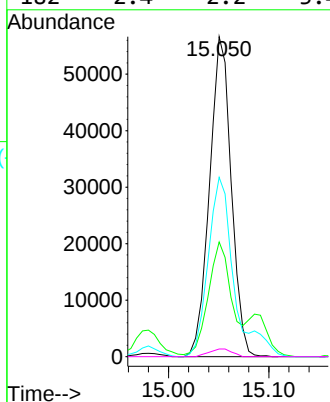
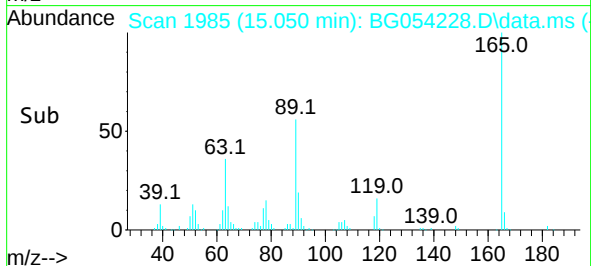
Instrument :
BNA_G
ClientSampleId :
WC-4MS



Tgt Ion:165 Resp: 8505
Ion Ratio Lower Upper
165 100
63 35.8 34.6 52.0
89 56.1 60.3 90.5
182 2.4 2.2 3.4

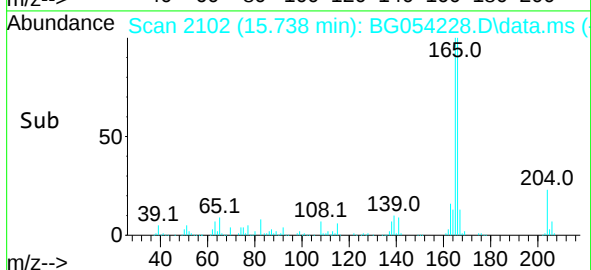
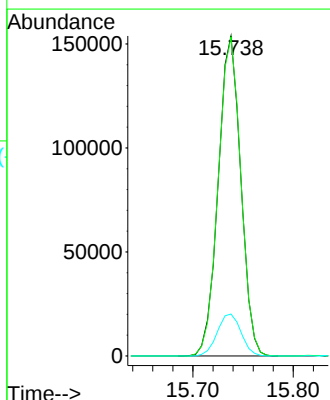
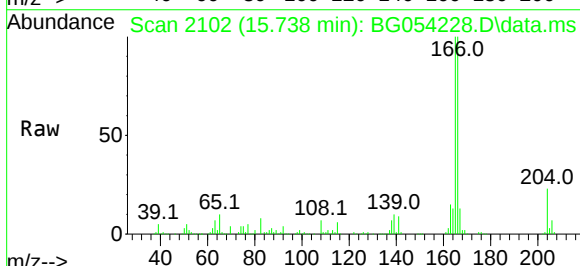
Manual Integrations
APPROVED

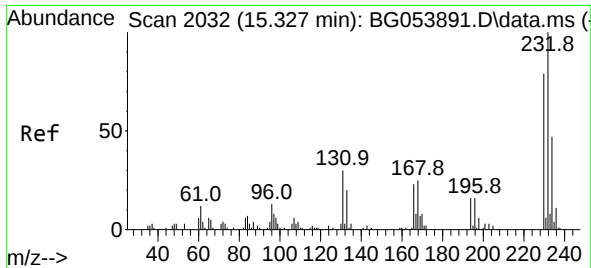
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#58
Fluorene
Concen: 53.208 ng
RT: 15.738 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

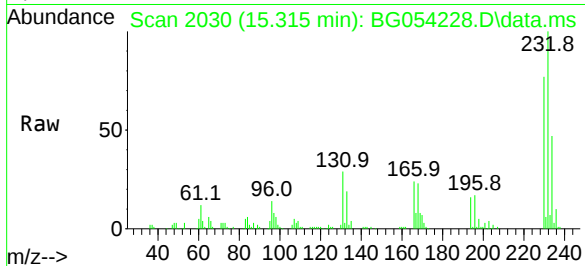
Tgt Ion:166 Resp: 239488
Ion Ratio Lower Upper
166 100
165 99.6 75.0 112.6
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.978 ng
RT: 15.315 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

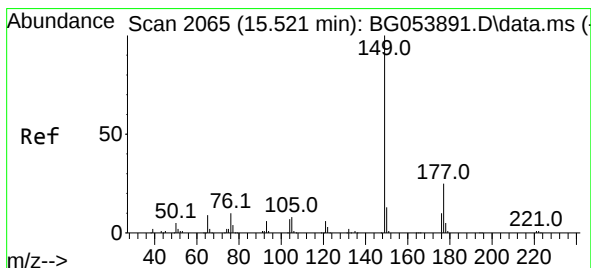
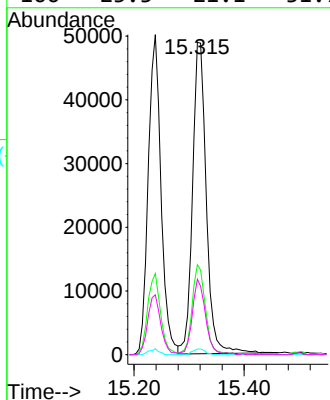
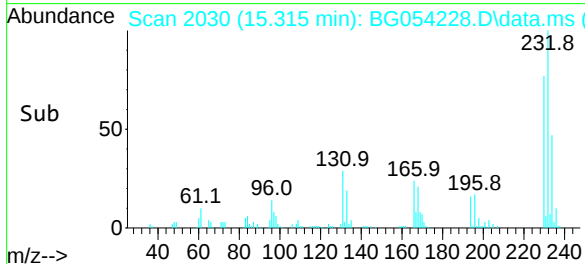
Instrument :
BNA_G
ClientSampleId :
WC-4MS



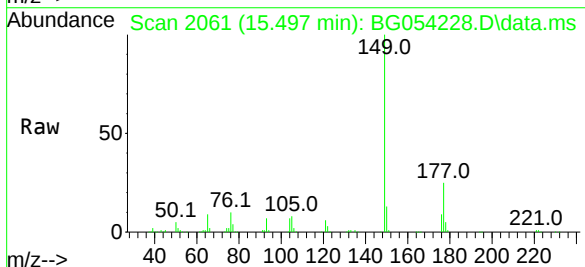
Tgt Ion:232 Resp: 84880
Ion Ratio Lower Upper
232 100
131 28.1 30.6 46.0
130 1.6 1.8 2.8
166 23.3 21.1 31.7

Manual Integrations
APPROVED

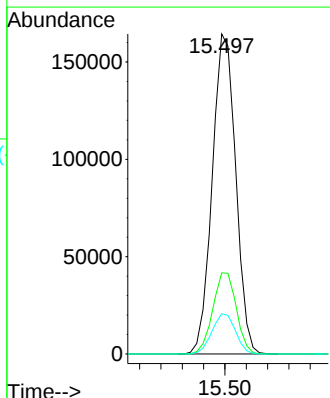
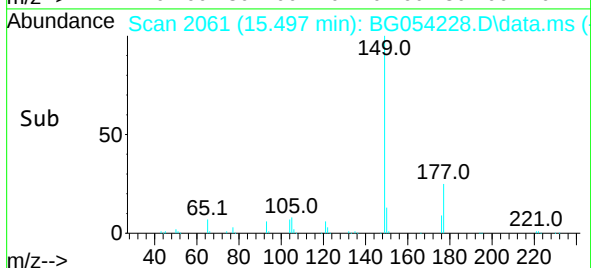
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

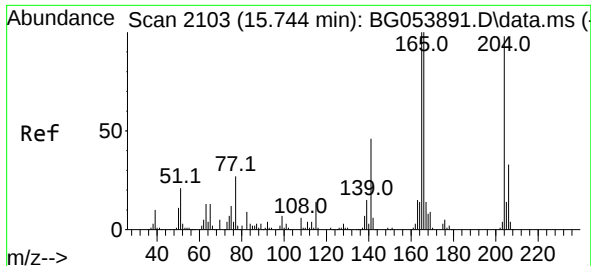


#60
Diethylphthalate
Concen: 55.942 ng
RT: 15.497 min Scan# 2061
Delta R.T. -0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



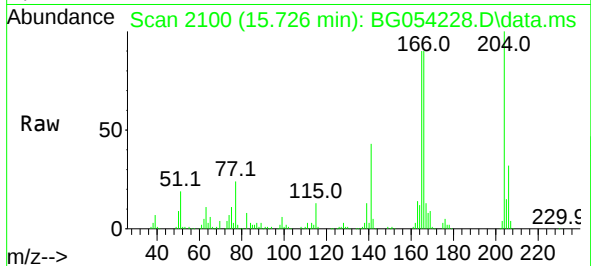
Tgt Ion:149 Resp: 251242
Ion Ratio Lower Upper
149 100
177 25.3 18.4 27.6
150 12.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 55.703 ng
RT: 15.726 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

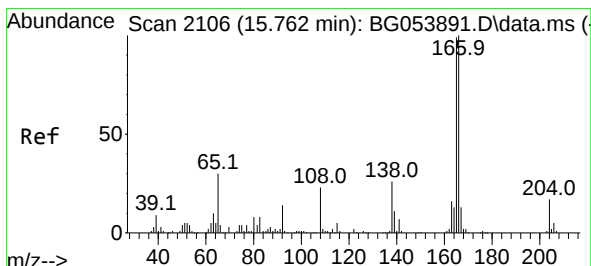
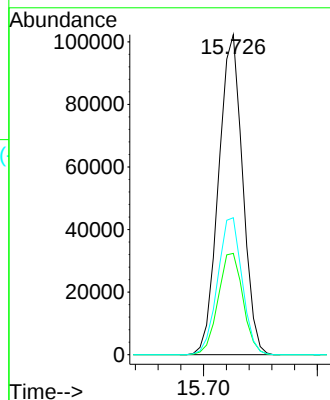
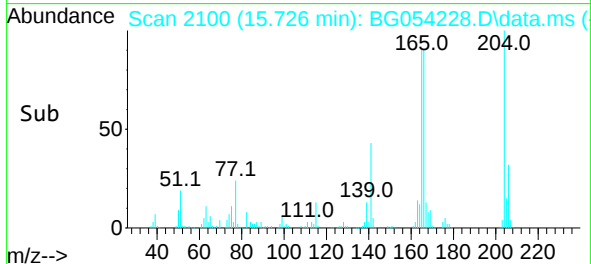
Instrument :
BNA_G
ClientSampleId :
WC-4MS



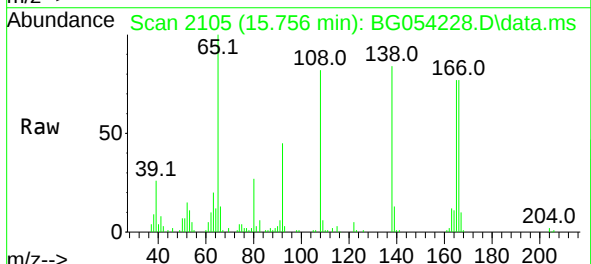
Tgt Ion:204 Resp: 150098
Ion Ratio Lower Upper
204 100
206 31.7 27.5 41.3
141 42.8 45.3 67.9

Manual Integrations
APPROVED

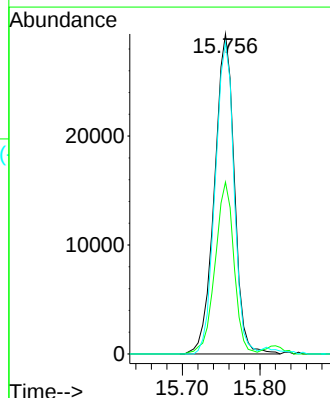
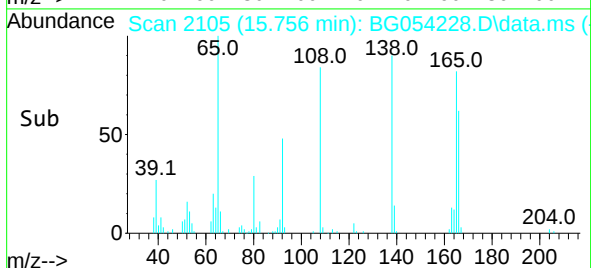
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

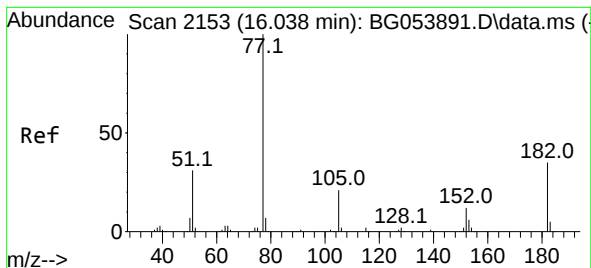


#62
4-Nitroaniline
Concen: 55.257 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion:138 Resp: 52310
Ion Ratio Lower Upper
138 100
92 53.7 40.5 80.5
108 97.3 103.7 143.7#





#63

Azobenzene

Concen: 53.435 ng

RT: 16.020 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

WC-4MS

Tgt Ion: 77 Resp: 193172

Ion Ratio Lower Upper

77 100

182 35.7 3.8 43.8

105 20.7 0.0 37.8

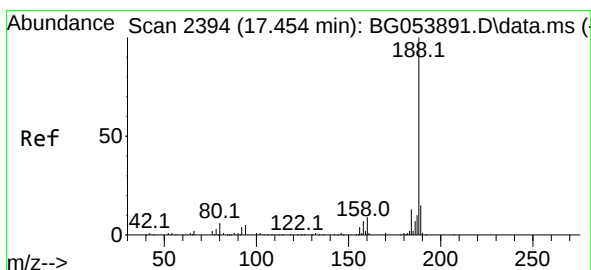
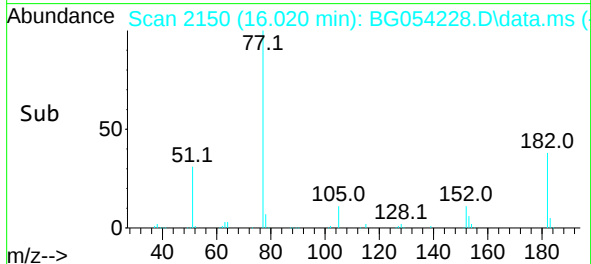
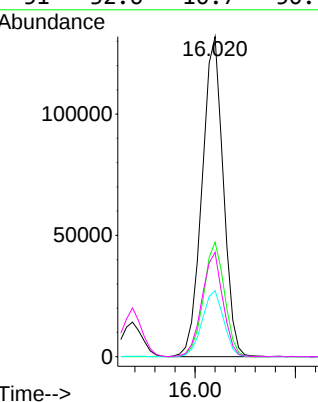
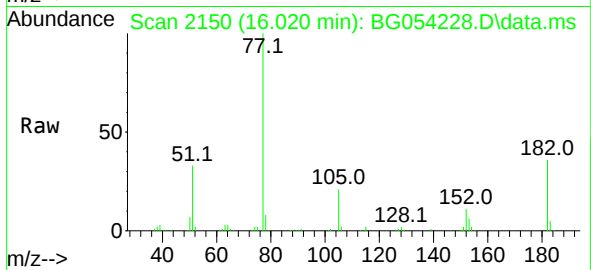
51 32.6 10.7 50.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.436 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

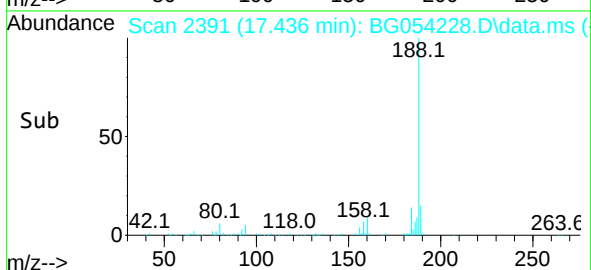
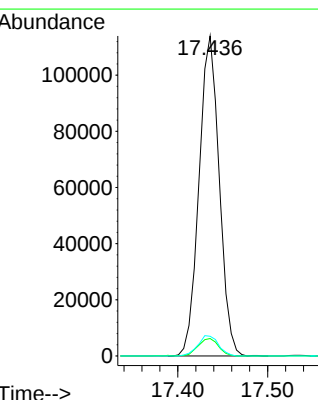
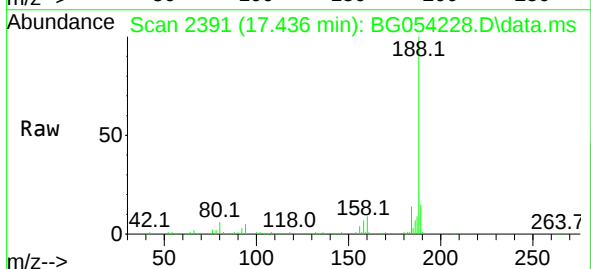
Tgt Ion:188 Resp: 178267

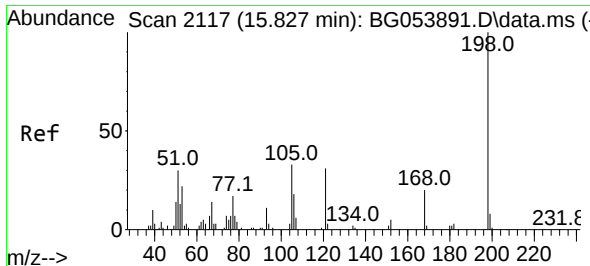
Ion Ratio Lower Upper

188 100

94 5.5 5.4 8.0

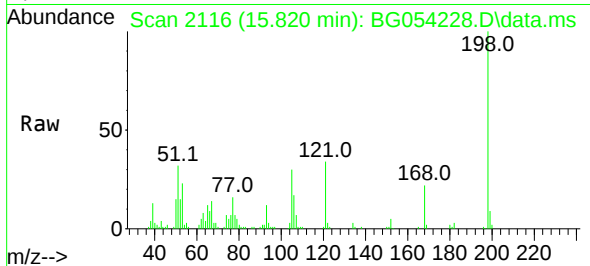
80 6.1 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 57.866 ng
RT: 15.820 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

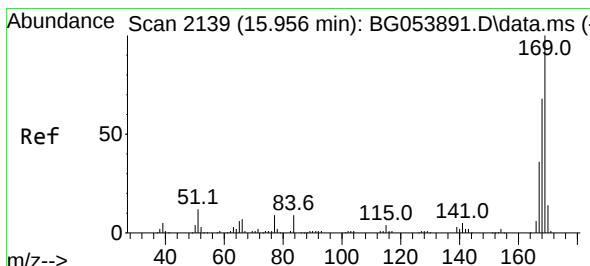
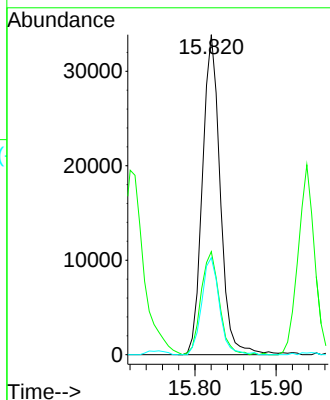
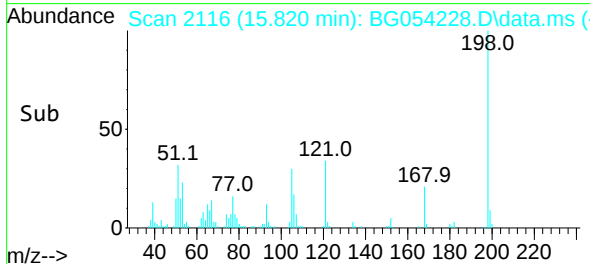
Instrument :
BNA_G
ClientSampleId :
WC-4MS



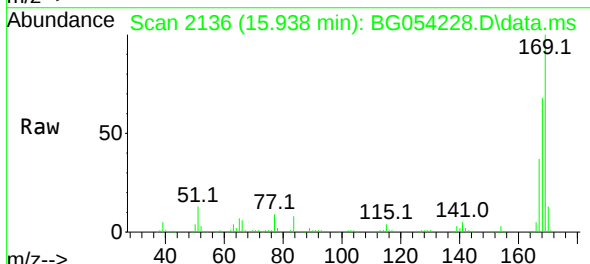
Tgt Ion:198 Resp: 5146
Ion Ratio Lower Upper
198 100
51 32.2 28.1 68.1
105 30.3 20.3 60.3

Manual Integrations
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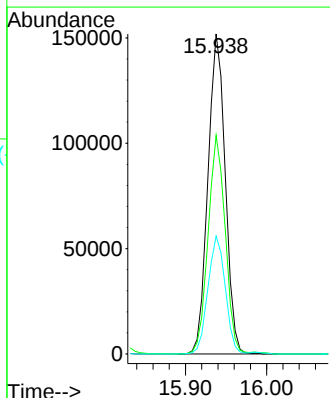
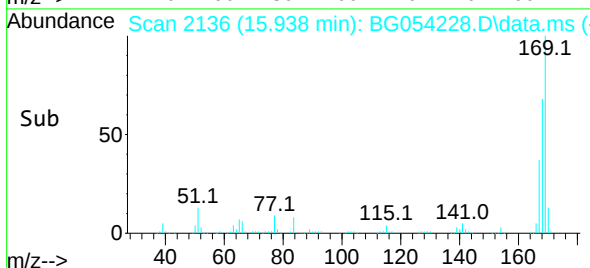
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#66
n-Nitrosodiphenylamine
Concen: 48.328 ng
RT: 15.938 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



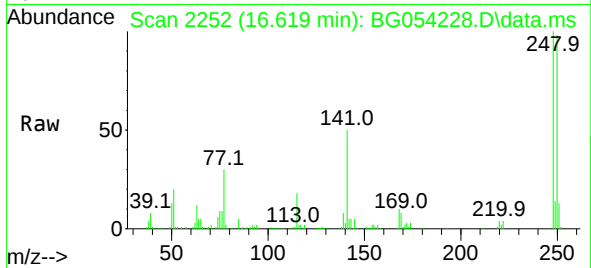
Tgt Ion:169 Resp: 224532
Ion Ratio Lower Upper
169 100
168 68.3 55.9 83.9
167 36.8 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 51.682 ng
RT: 16.619 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

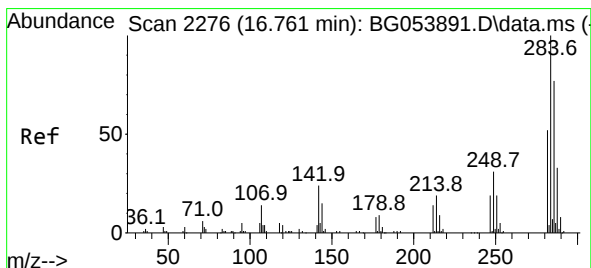
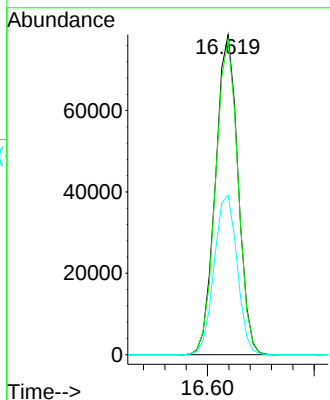
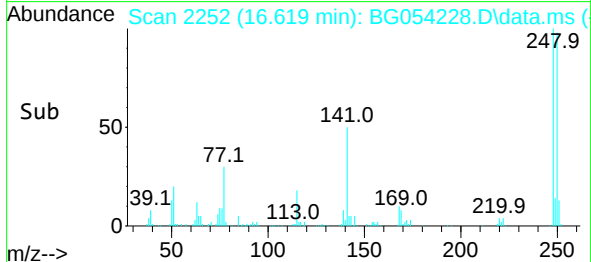
Instrument :
BNA_G
ClientSampleId :
WC-4MS



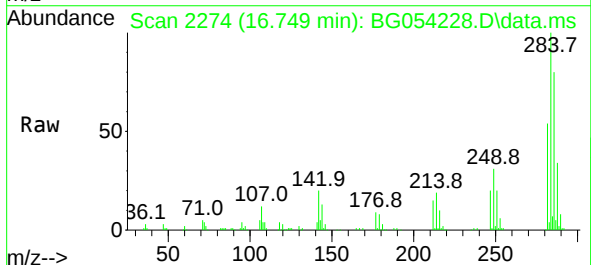
Tgt Ion:248 Resp: 115068
Ion Ratio Lower Upper
248 100
250 98.3 75.2 112.8
141 49.9 50.0 75.0

Manual Integrations
APPROVED

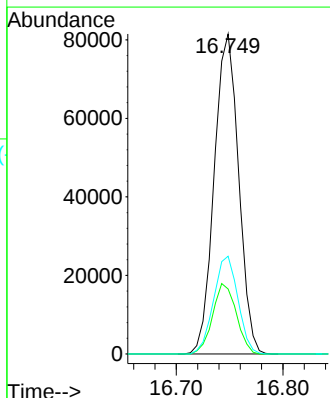
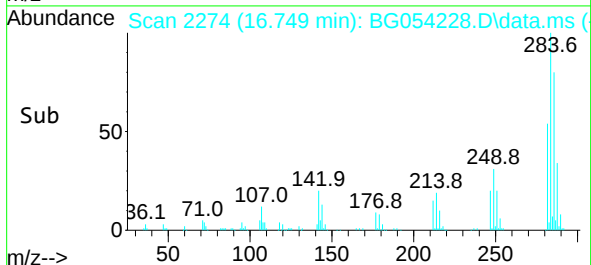
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

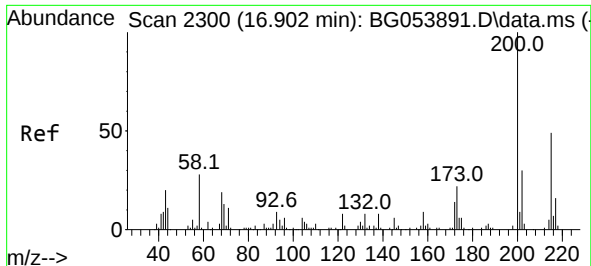


#68
Hexachlorobenzene
Concen: 50.778 ng
RT: 16.749 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



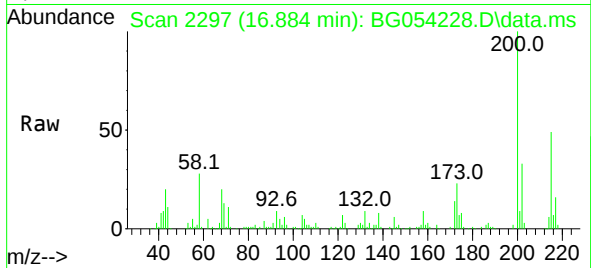
Tgt Ion:284 Resp: 129324
Ion Ratio Lower Upper
284 100
142 20.3 23.6 35.4#
249 30.5 25.8 38.6





#69
 Atrazine
 Concen: 59.200 ng
 RT: 16.884 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054228.D
 Acq: 7 Jul 2022 16:53

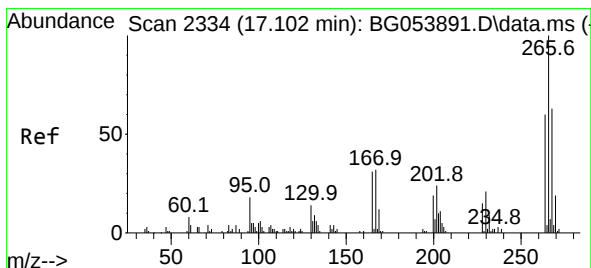
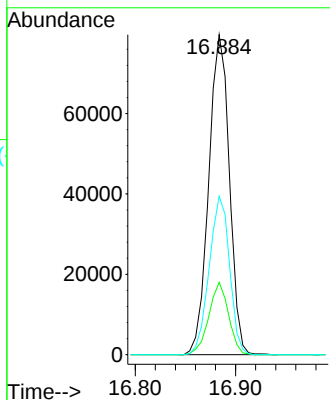
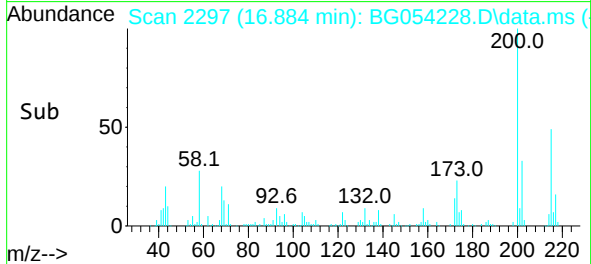
Instrument :
 BNA_G
 ClientSampleId :
 WC-4MS



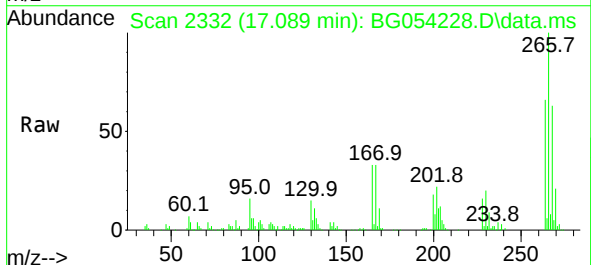
Tgt Ion:200 Resp: 11393
 Ion Ratio Lower Upper
 200 100
 173 22.6 3.7 43.7
 215 49.5 25.2 65.2

Manual Integrations
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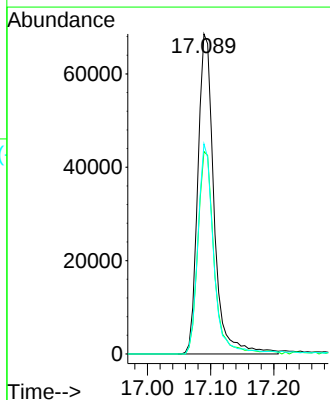
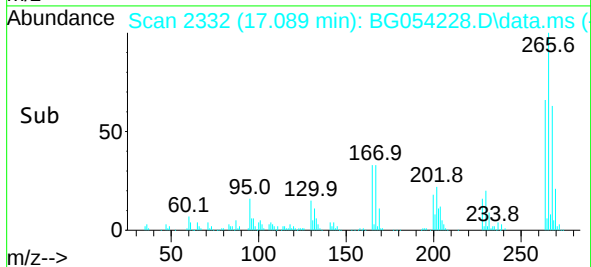
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

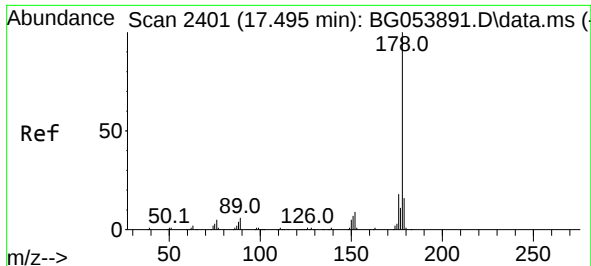


#70
 Pentachlorophenol
 Concen: 103.159 ng
 RT: 17.089 min Scan# 2332
 Delta R.T. -0.006 min
 Lab File: BG054228.D
 Acq: 7 Jul 2022 16:53



Tgt Ion:266 Resp: 122043
 Ion Ratio Lower Upper
 266 100
 268 68.3 56.2 84.2
 264 65.6 53.0 79.4





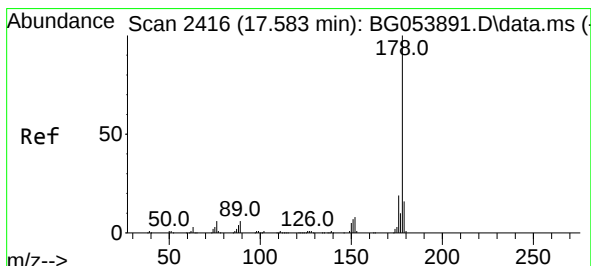
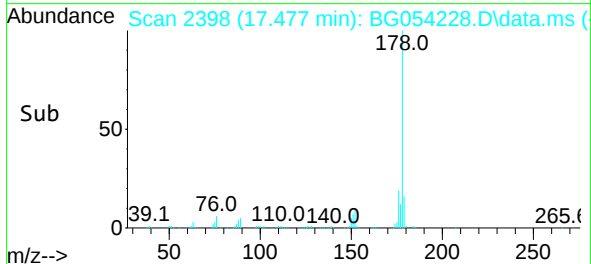
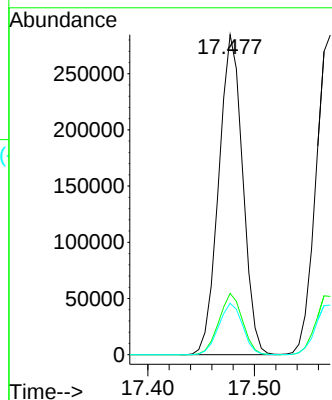
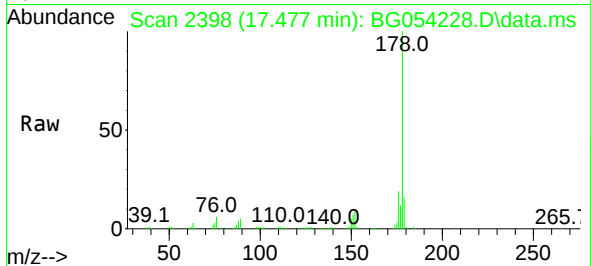
#71
Phenanthrene
Concen: 48.564 ng
RT: 17.477 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:178 Resp: 444799
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 16.1 12.1 18.1

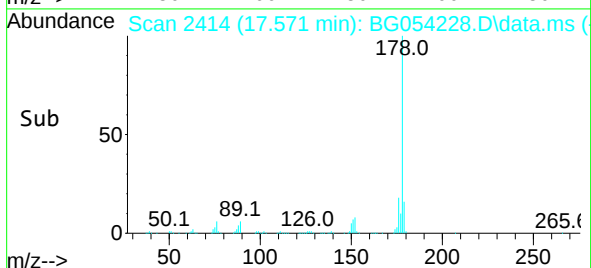
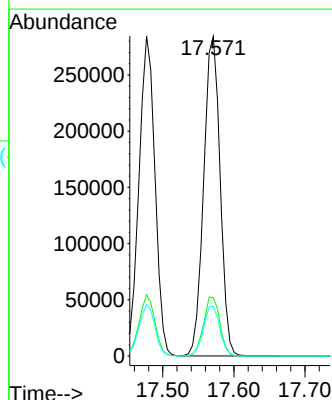
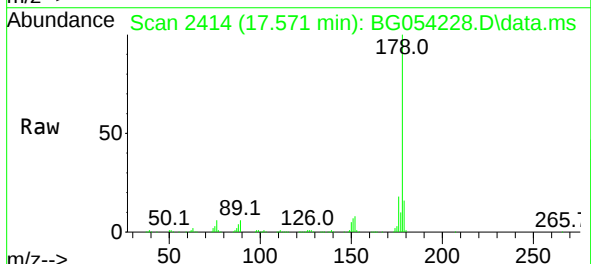
Manual Integrations
APPROVED

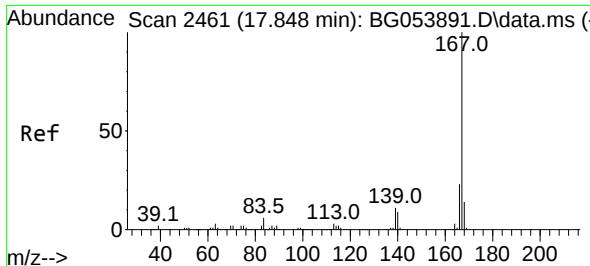
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#72
Anthracene
Concen: 51.172 ng
RT: 17.571 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

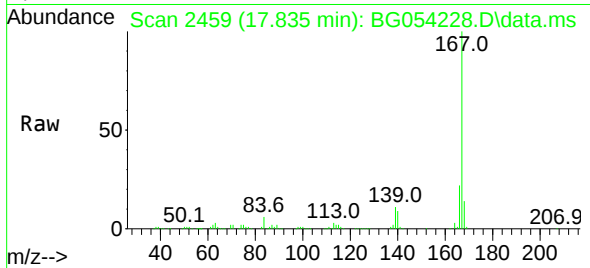
Tgt Ion:178 Resp: 457671
Ion Ratio Lower Upper
178 100
176 18.2 15.2 22.8
179 15.5 13.0 19.4





#73
 Carbazole
 Concen: 51.915 ng
 RT: 17.835 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BG054228.D
 Acq: 7 Jul 2022 16:53

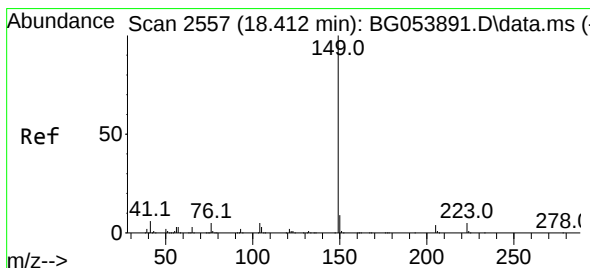
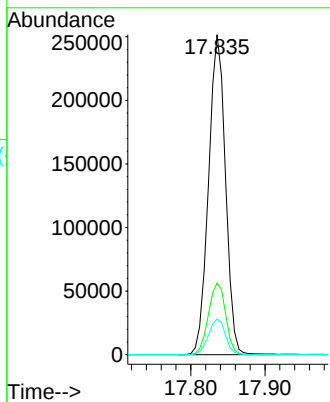
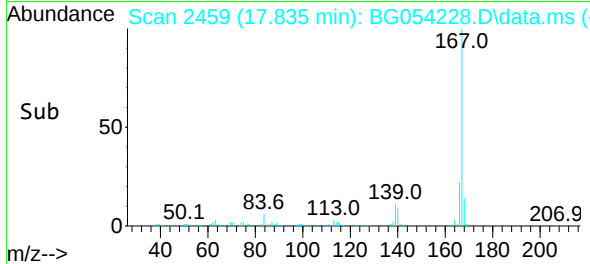
Instrument :
 BNA_G
 ClientSampleId :
 WC-4MS



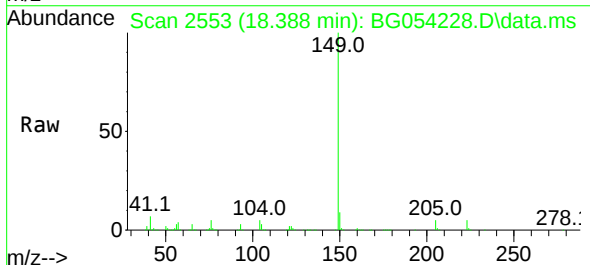
Tgt Ion:167 Resp: 39854
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 11.1 10.1 15.1

Manual Integrations
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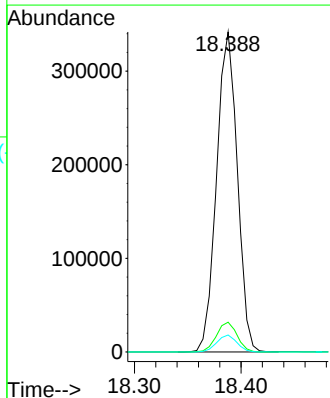
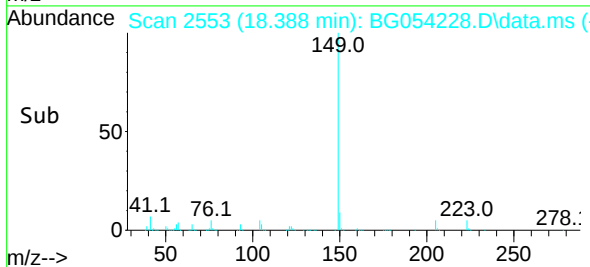
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

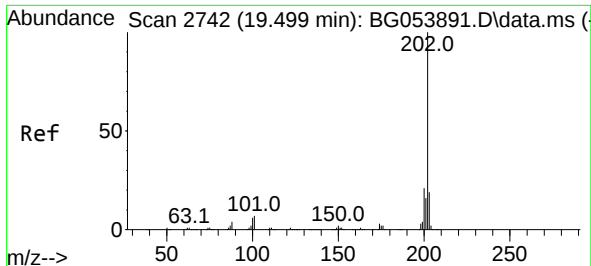


#74
 Di-n-butylphthalate
 Concen: 51.951 ng
 RT: 18.388 min Scan# 2553
 Delta R.T. -0.012 min
 Lab File: BG054228.D
 Acq: 7 Jul 2022 16:53



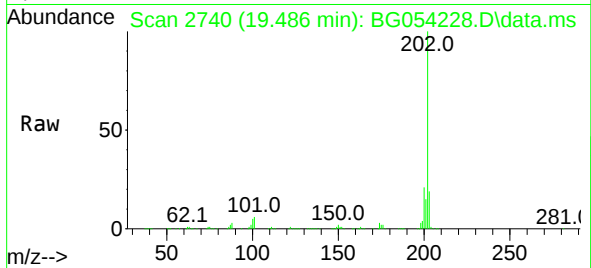
Tgt Ion:149 Resp: 461124
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.3 5.4 8.0#





#75
Fluoranthene
Concen: 49.586 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

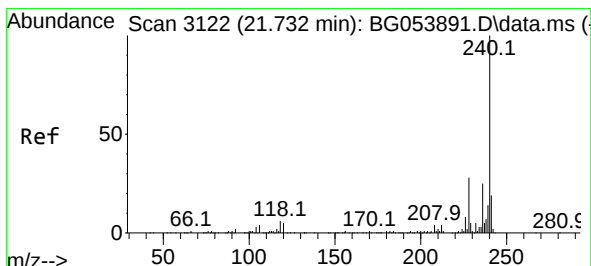
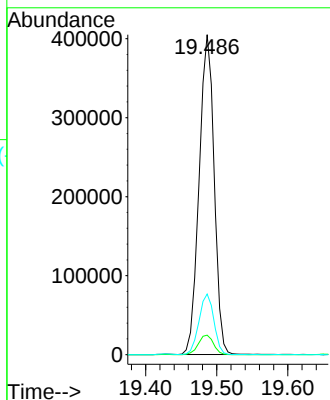
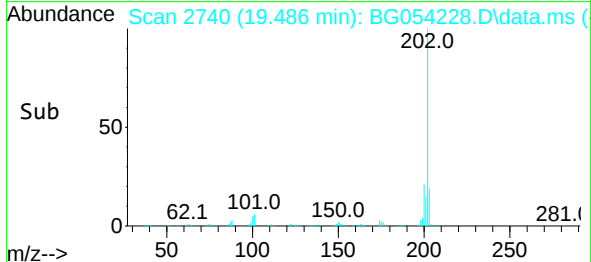
Instrument :
BNA_G
ClientSampleId :
WC-4MS



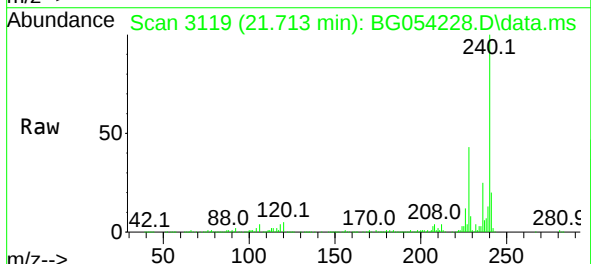
Tgt Ion:202 Resp: 59617
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.9
203 19.0 0.0 37.2

Manual Integrations
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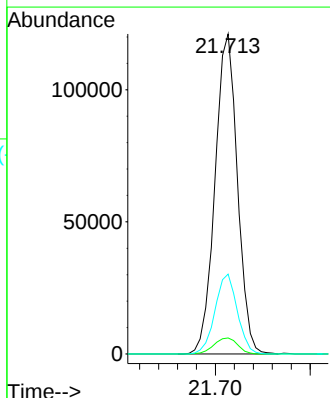
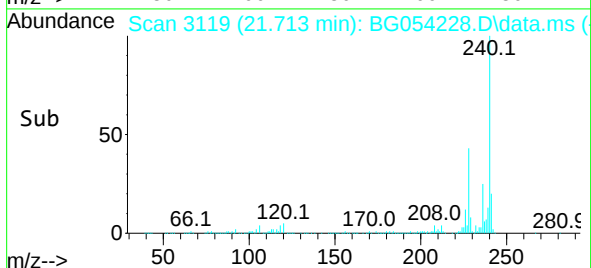
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

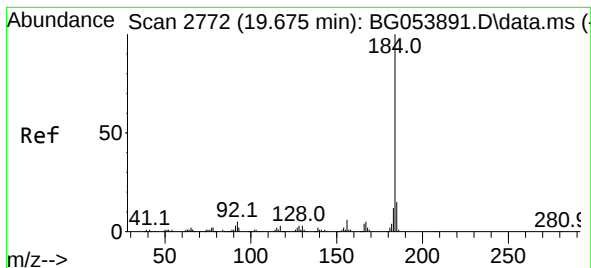


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion:240 Resp: 198834
Ion Ratio Lower Upper
240 100
120 5.0 4.6 7.0
236 24.9 20.2 30.4





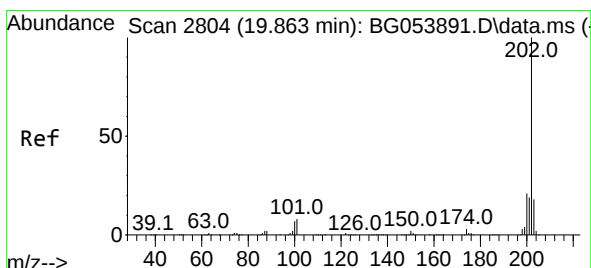
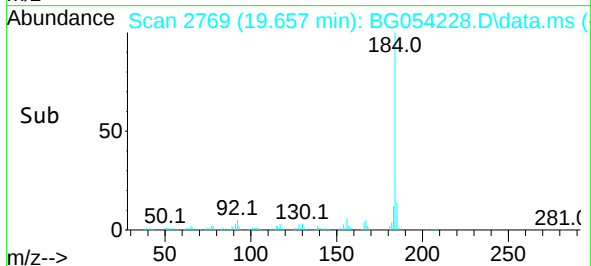
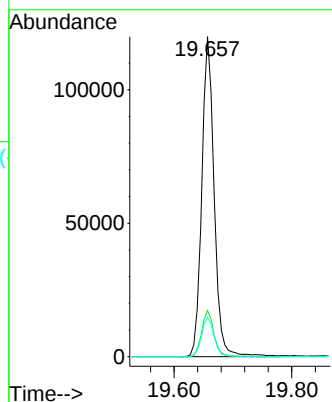
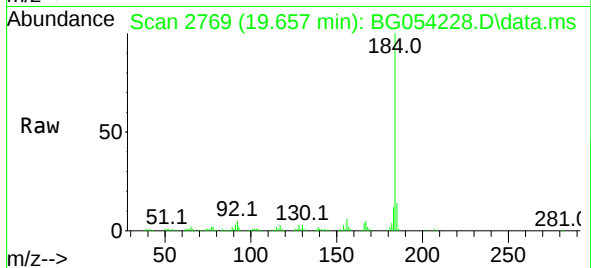
#77
Benzidine
Concen: 42.367 ng
RT: 19.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :
BNA_G
ClientSampleId :
WC-4MS

Tgt Ion:184 Resp: 174454
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 12.2 8.9 13.3

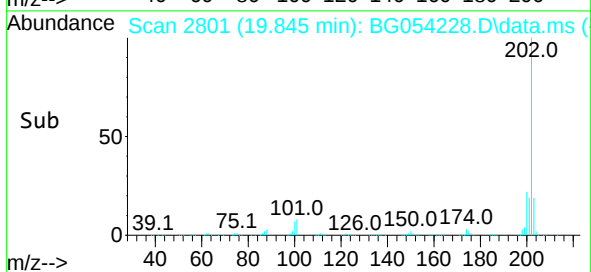
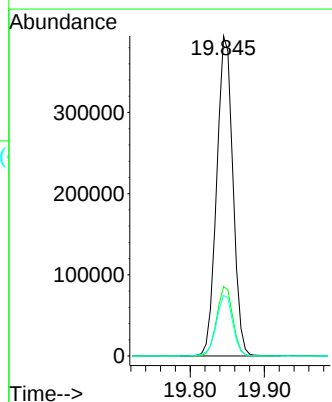
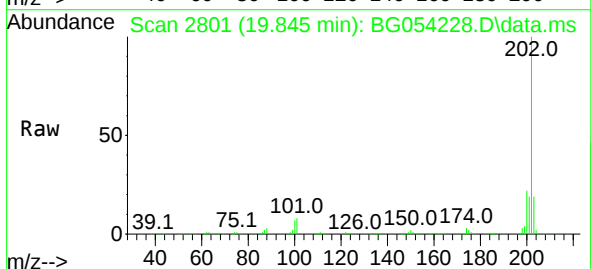
Manual Integrations
APPROVED

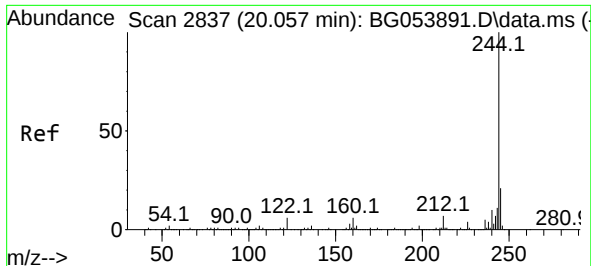
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#78
Pyrene
Concen: 49.738 ng
RT: 19.845 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

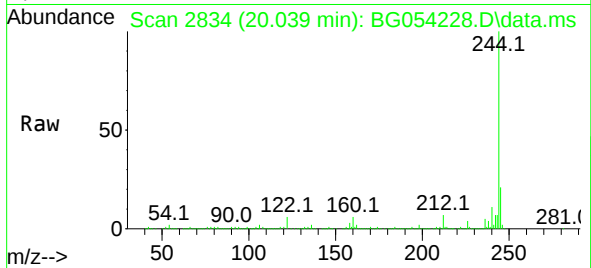
Tgt Ion:202 Resp: 597312
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 18.9 14.6 21.8





#79
Terphenyl-d14
Concen: 102.543 ng
RT: 20.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

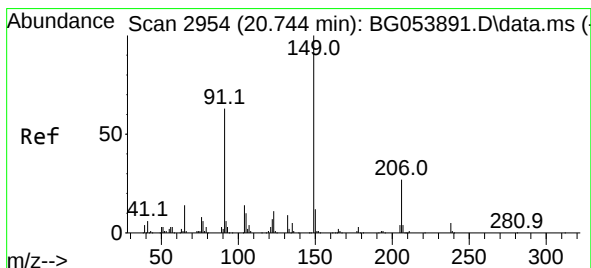
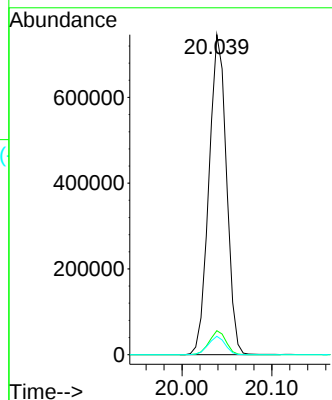
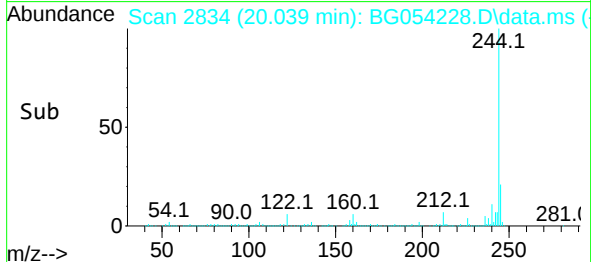
Instrument :
BNA_G
ClientSampleId :
WC-4MS



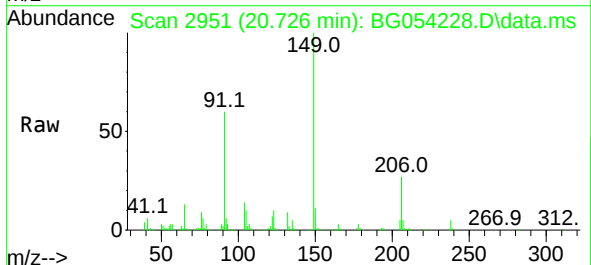
Tgt Ion:244 Resp: 1012320
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 5.8 5.0 7.4

Manual Integrations
APPROVED

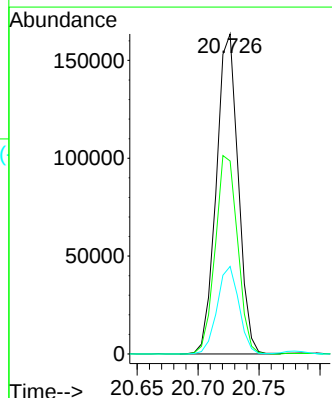
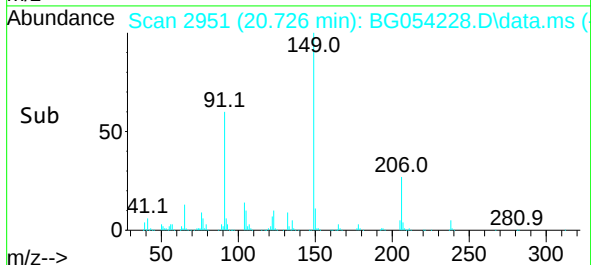
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

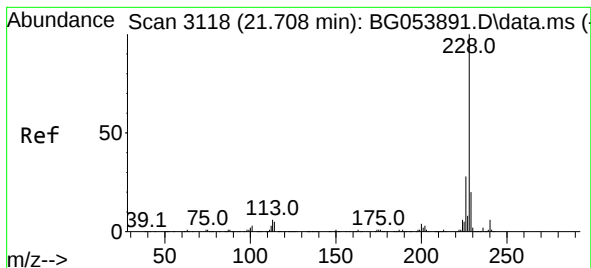


#80
Butylbenzylphthalate
Concen: 53.156 ng
RT: 20.726 min Scan# 2951
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion:149 Resp: 204610
Ion Ratio Lower Upper
149 100
91 60.3 59.6 89.4
206 27.3 18.6 28.0





#81

Benzo(a)anthracene

Concen: 49.691 ng

RT: 21.690 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

WC-4MS

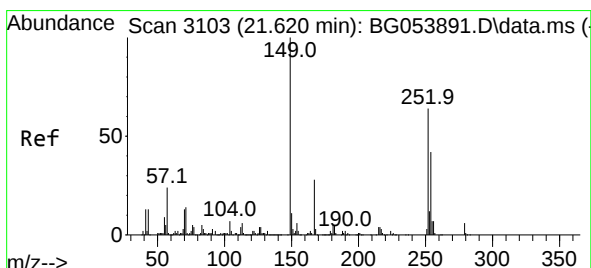
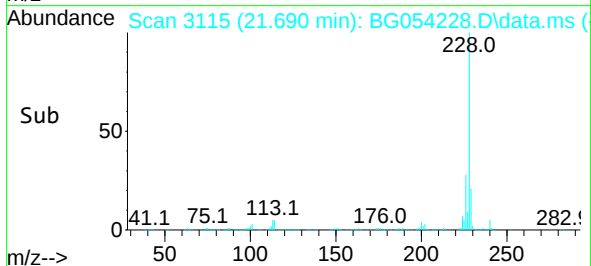
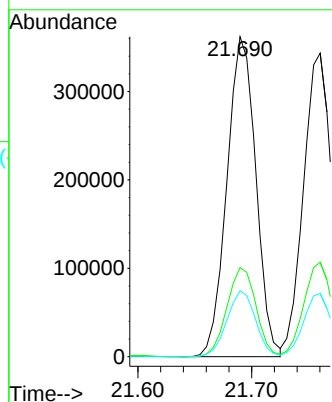
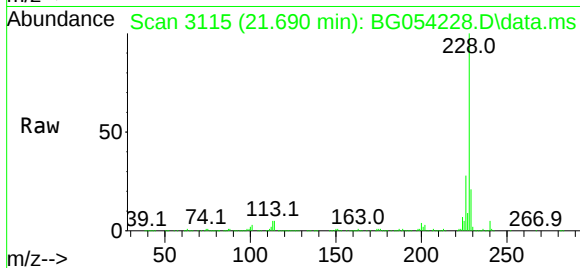
Tgt Ion:228 Resp: 639734

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.6	32.4
229	20.6	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#82

3,3'-Dichlorobenzidine

Concen: 34.887 ng

RT: 21.602 min Scan# 3100

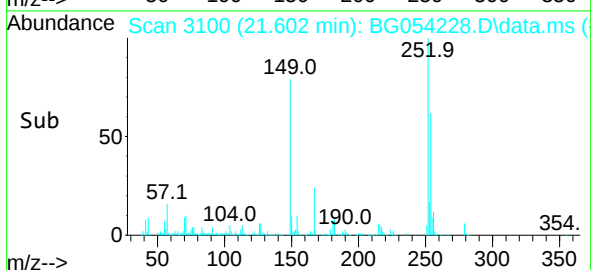
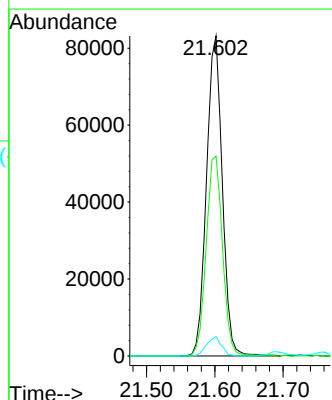
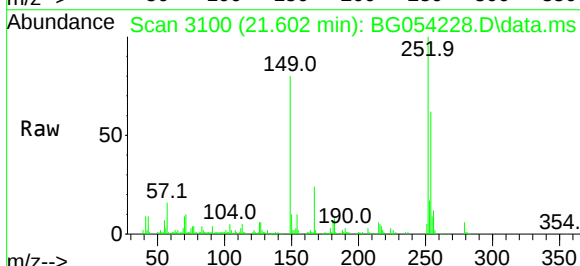
Delta R.T. -0.006 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Tgt Ion:252 Resp: 134191

Ion	Ratio	Lower	Upper
252	100		
254	62.4	49.8	74.8
126	6.0	6.0	9.0





#83

Chrysene

Concen: 48.619 ng

RT: 21.760 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

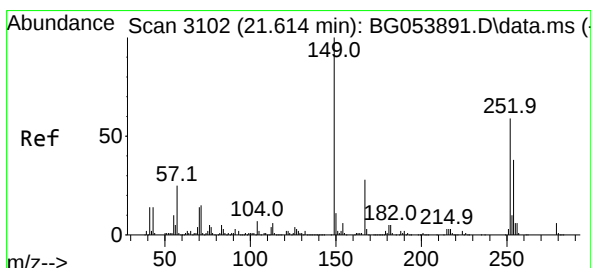
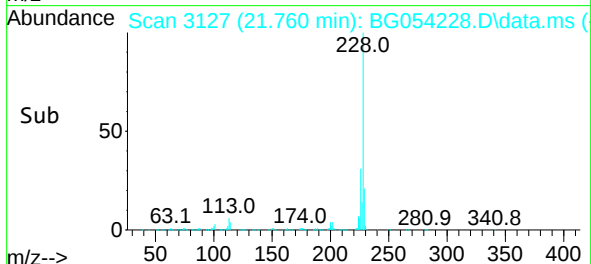
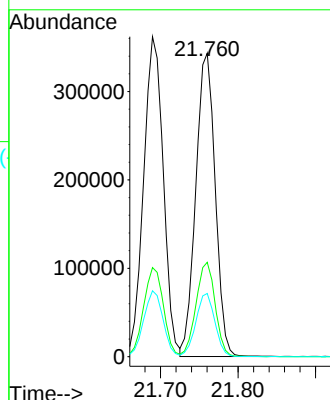
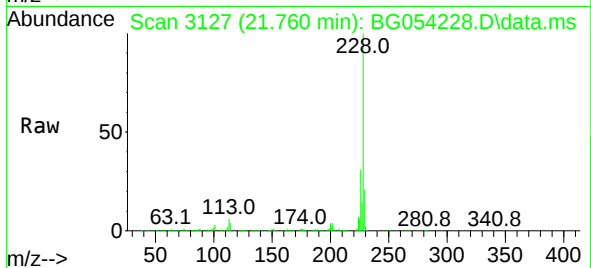
WC-4MS

Tgt Ion:228 Resp: 59664
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.4 35.2
 229 20.8 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.279 ng

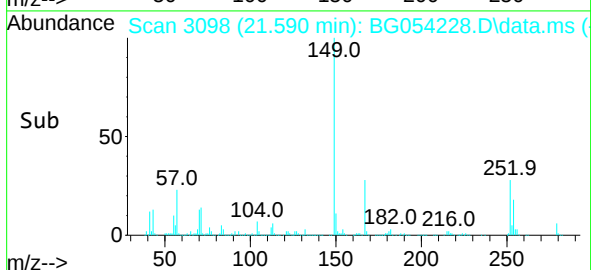
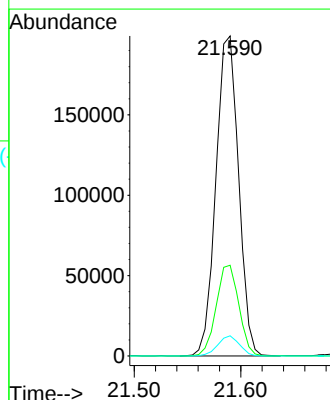
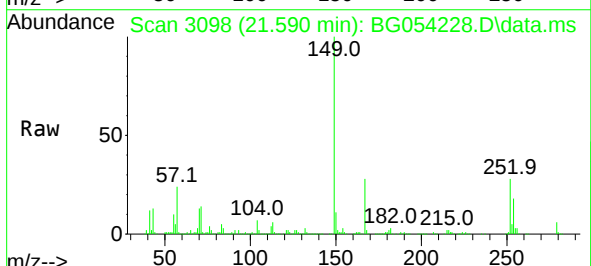
RT: 21.590 min Scan# 3098

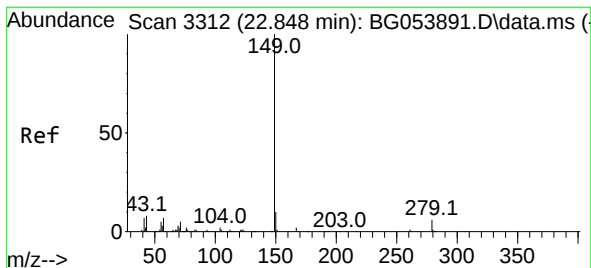
Delta R.T. -0.012 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Tgt Ion:149 Resp: 293315
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.2 30.4
 279 6.3 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 52.422 ng

RT: 22.806 min Scan# 3312

Delta R.T. -0.018 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

WC-4MS

Tgt Ion:149 Resp: 496020

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

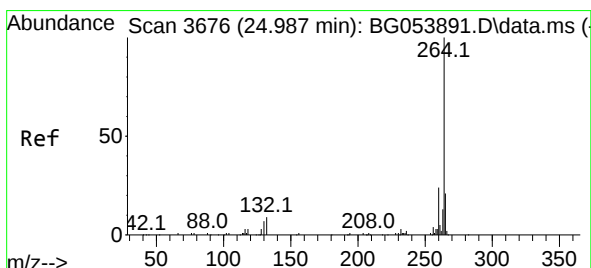
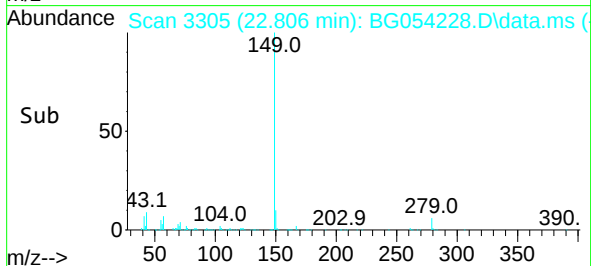
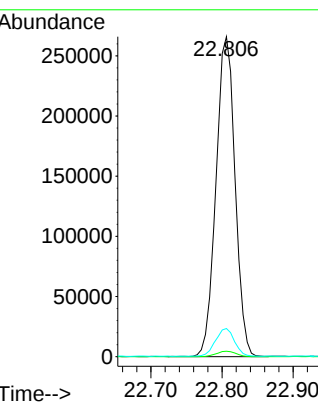
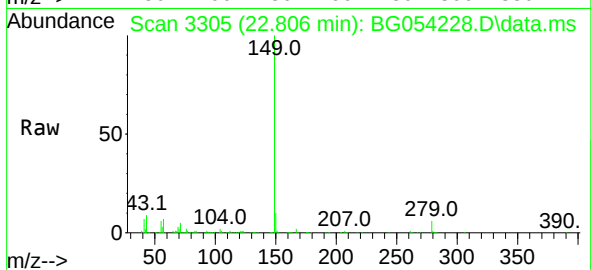
43 8.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.962 min Scan# 3672

Delta R.T. 0.000 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

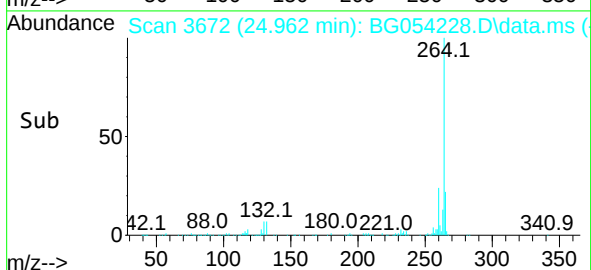
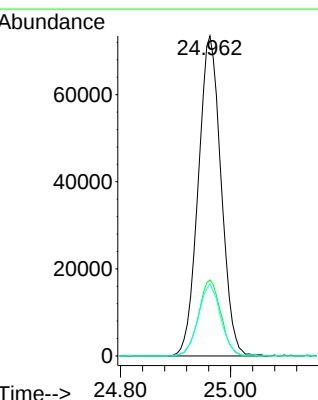
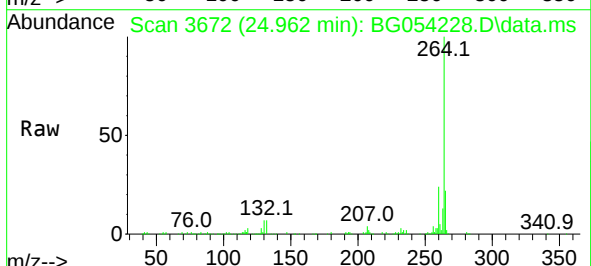
Tgt Ion:264 Resp: 211273

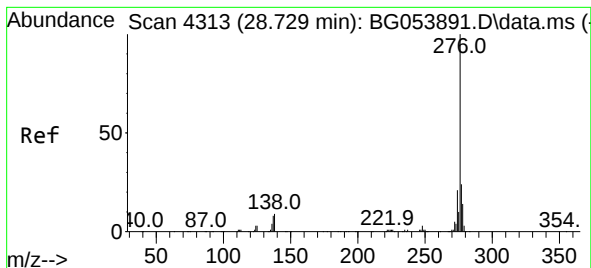
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.539 ng

RT: 28.711 min Scan# 41

Delta R.T. 0.024 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

WC-4MS

Tgt Ion:276 Resp: 773890

Ion Ratio Lower Upper

276 100

138 12.1 5.0 7.4

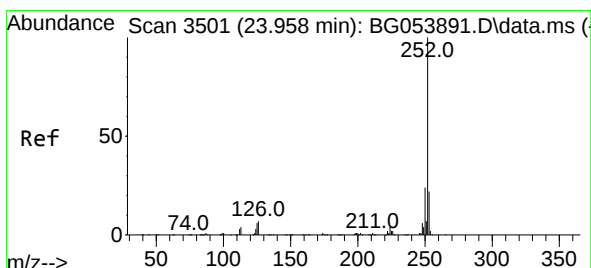
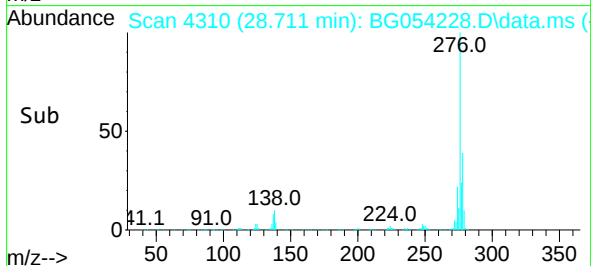
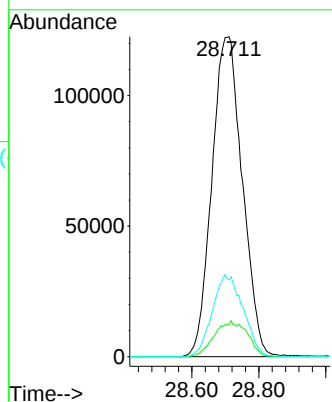
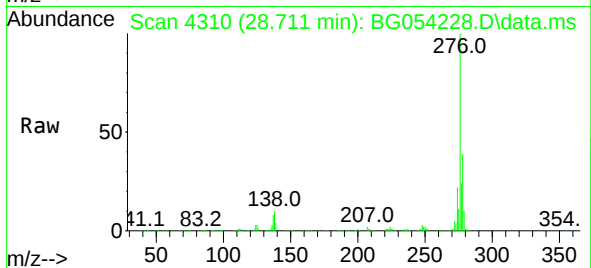
277 25.9 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#88

Benzo(b)fluoranthene

Concen: 51.617 ng

RT: 23.934 min Scan# 3497

Delta R.T. 0.000 min

Lab File: BG054228.D

Acq: 7 Jul 2022 16:53

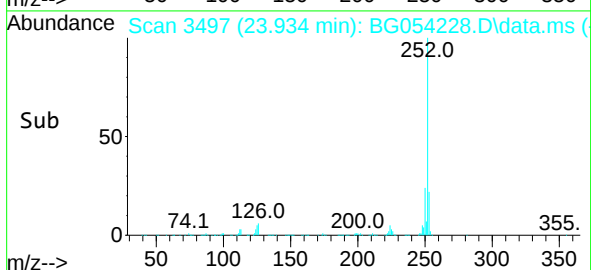
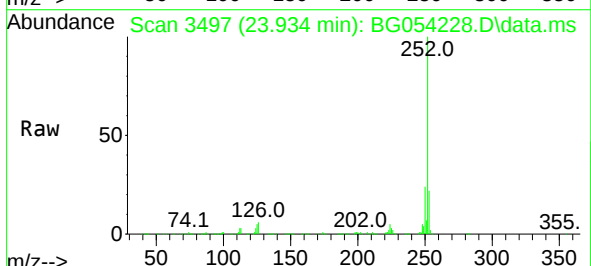
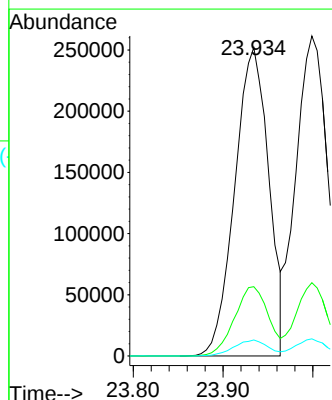
Tgt Ion:252 Resp: 663067

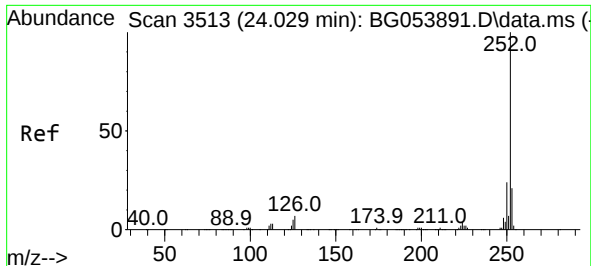
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 5.2 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 50.920 ng
RT: 23.999 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

Instrument :

BNA_G

ClientSampleId :

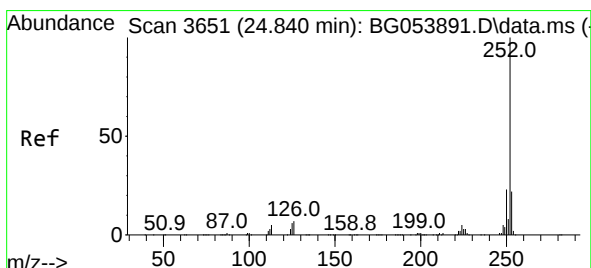
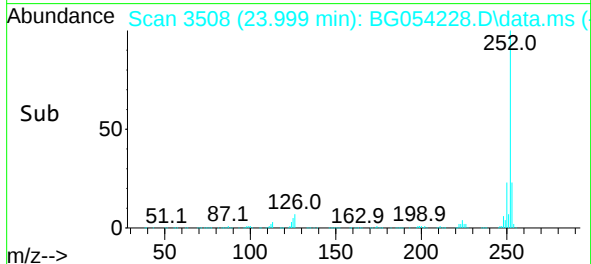
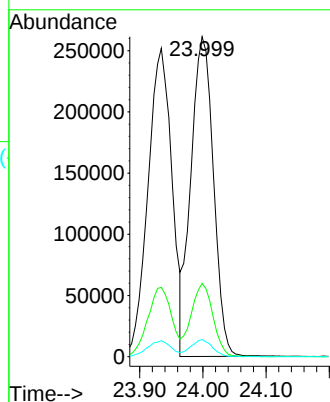
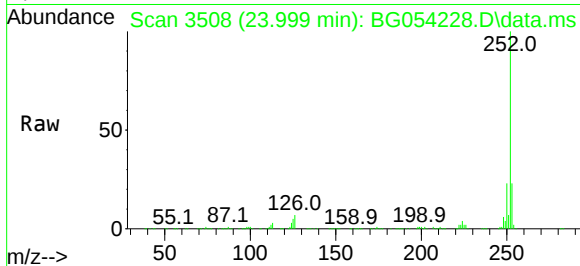
WC-4MS

Tgt Ion:252 Resp: 647630
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 5.3 4.8 7.2

Manual Integrations

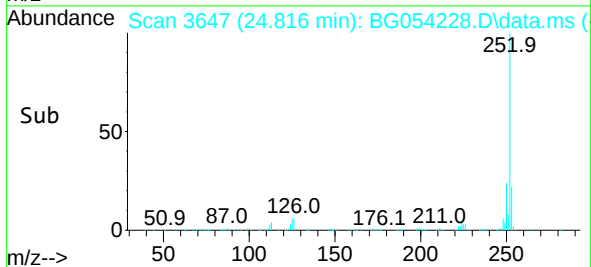
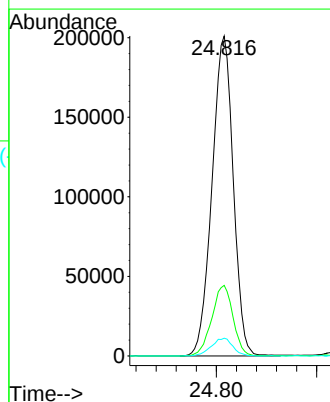
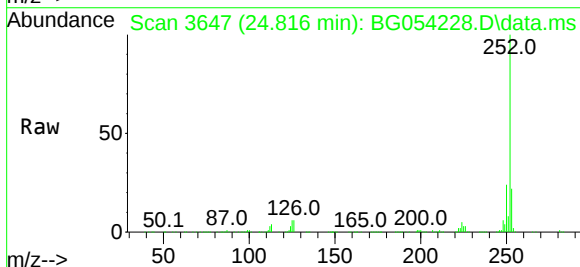
APPROVED

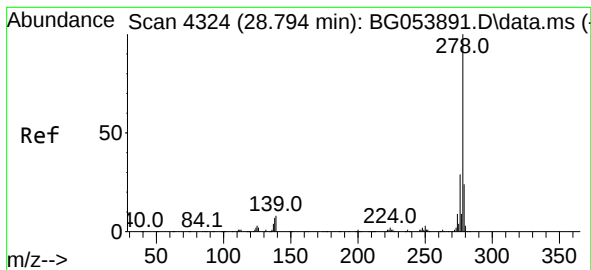
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#90
Benzo(a)pyrene
Concen: 54.427 ng
RT: 24.816 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

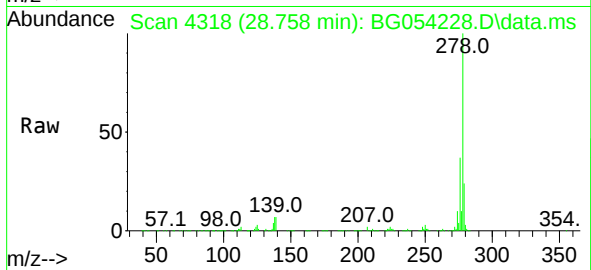
Tgt Ion:252 Resp: 589913
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.5 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 51.008 ng
RT: 28.758 min Scan# 41
Delta R.T. 0.012 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53

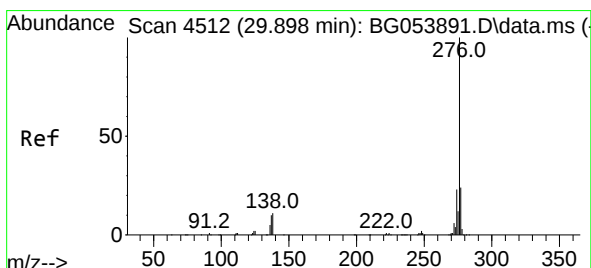
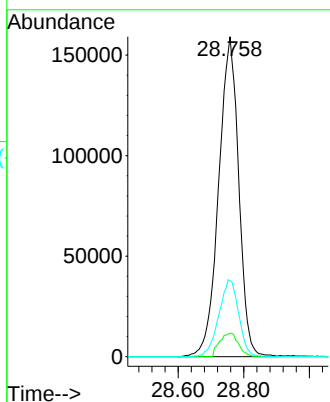
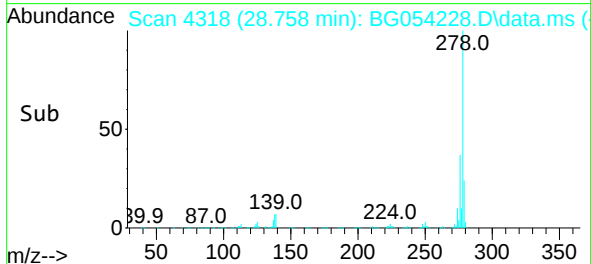
Instrument :
BNA_G
ClientSampleId :
WC-4MS



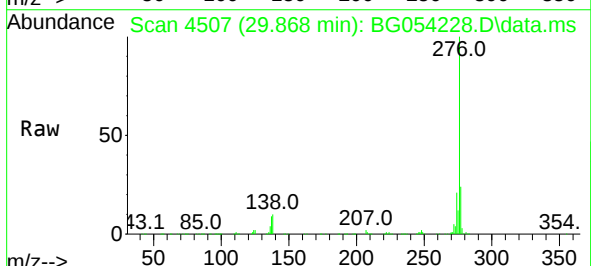
Tgt Ion:278 Resp: 67250
Ion Ratio Lower Upper
278 100
139 7.3 7.2 10.8
279 23.8 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#92
Benzo(g,h,i)perylene
Concen: 51.107 ng
RT: 29.868 min Scan# 4507
Delta R.T. 0.006 min
Lab File: BG054228.D
Acq: 7 Jul 2022 16:53



Tgt Ion:276 Resp: 664956
Ion Ratio Lower Upper
276 100
277 23.7 17.3 25.9
138 9.8 9.6 14.4

