

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054098.D
 Acq On : 27 Jun 2022 19:08
 Operator : CG/JU
 Sample : N3494-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/28/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 28 04:56:59 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	8.071	152	23708	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	98703	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	75768	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	202831	20.000	ng	0.00
76) Chrysene-d12	21.719	240	212459	20.000	ng	0.00
86) Perylene-d12	24.974	264	222412	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	192878	155.545	ng	0.00
7) Phenol-d6	7.236	99	241010	143.273	ng	0.00
23) Nitrobenzene-d5	9.234	82	172613	98.277	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	170665	140.194	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	449303	86.230	ng	0.00
79) Terphenyl-d14	20.051	244	1060680	100.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.535	88	24596	45.375	ng	# 65
3) Pyridine	3.934	79	58029	40.117	ng	92
4) n-Nitrosodimethylamine	3.840	42	37763	59.351	ng	# 94
6) Aniline	7.395	93	81711	40.970	ng	98
8) 2-Chlorophenol	7.642	128	78636	59.392	ng	92
9) Benzaldehyde	7.207	77	51432	51.805	ng	79
10) Phenol	7.260	94	92912	54.500	ng	94
11) bis(2-Chloroethyl)ether	7.483	93	72363	55.302	ng	96
12) 1,3-Dichlorobenzene	7.965	146	81723	49.259	ng	90
13) 1,4-Dichlorobenzene	8.106	146	83264	49.962	ng	99
14) 1,2-Dichlorobenzene	8.429	146	81943	51.220	ng	99
15) Benzyl Alcohol	8.306	79	76868	61.139	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.599	45	117651	60.146	ng	99
17) 2-Methylphenol	8.517	107	68807	58.100	ng	91
18) Hexachloroethane	9.158	117	28174	50.961	ng	# 84
19) n-Nitroso-di-n-propyla...	8.876	70	62709	55.488	ng	93
20) 3+4-Methylphenols	8.840	107	95203	57.322	ng	95
22) Acetophenone	8.893	105	125103	52.143	ng	# 98
24) Nitrobenzene	9.275	77	90932	52.574	ng	# 89
25) Isophorone	9.798	82	180226	54.942	ng	96
26) 2-Nitrophenol	9.986	139	44859	58.721	ng	# 84
27) 2,4-Dimethylphenol	10.045	122	77414	62.608	ng	90
28) bis(2-Chloroethoxy)met...	10.280	93	101899	57.663	ng	98
29) 2,4-Dichlorophenol	10.527	162	89203	53.807	ng	94
30) 1,2,4-Trichlorobenzene	10.744	180	92783	45.199	ng	98
31) Naphthalene	10.932	128	239676	48.101	ng	99
32) Benzoic acid	10.186	122	12157m	28.547	ng	
33) 4-Chloroaniline	11.038	127	28315	13.698	ng	93
34) Hexachlorobutadiene	11.220	225	65190	41.306	ng	99
35) Caprolactam	11.801	113	27697m	60.687	ng	
36) 4-Chloro-3-methylphenol	12.154	107	91797	56.960	ng	87
37) 2-Methylnaphthalene	12.530	142	179379	48.657	ng	97
38) 1-Methylnaphthalene	12.747	142	173934	48.455	ng	100
40) 1,2,4,5-Tetrachloroben...	12.900	216	125049	42.832	ng	97
41) Hexachlorocyclopentadiene	12.883	237	135582	99.733	ng	98
43) 2,4,6-Trichlorophenol	13.135	196	83025	50.626	ng	98

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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	13.212	196	92709	50.629	ng	95
46) 1,1'-Biphenyl	13.535	154	260406	49.341	ng	99
47) 2-Chloronaphthalene	13.576	162	204942	47.982	ng	98
48) 2-Nitroaniline	13.770	65	67442	59.358	ng	88
49) Acenaphthylene	14.422	152	334391	50.348	ng	100
50) Dimethylphthalate	14.146	163	294023	50.954	ng	99
51) 2,6-Dinitrotoluene	14.263	165	66180	56.765	ng	# 80
52) Acenaphthene	14.763	154	217363	51.343	ng	98
53) 3-Nitroaniline	14.592	138	42233	37.391	ng	84
54) 2,4-Dinitrophenol	14.804	184	29811	49.307	ng	# 81
55) Dibenzofuran	15.098	168	337818	49.526	ng	96
56) 4-Nitrophenol	14.910	139	99151	123.645	ng	# 86
57) 2,4-Dinitrotoluene	15.051	165	95173	57.802	ng	88
58) Fluorene	15.744	166	284801	50.853	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.321	232	90341	50.449	ng	# 95
60) Diethylphthalate	15.509	149	295532	52.885	ng	97
61) 4-Chlorophenyl-phenyle...	15.732	204	162026	48.325	ng	93
62) 4-Nitroaniline	15.756	138	66652	56.585	ng	# 77
63) Azobenzene	16.026	77	246890	54.887	ng	91
65) 4,6-Dinitro-2-methylph...	15.820	198	36683	36.251	ng	88
66) n-Nitrosodiphenylamine	15.944	169	261317	49.434	ng	98
67) 4-Bromophenyl-phenylether	16.625	248	115672	45.661	ng	97
68) Hexachlorobenzene	16.755	284	128214	44.246	ng	95
69) Atrazine	16.890	200	122706	56.035	ng	96
70) Pentachlorophenol	17.095	266	128881	95.746	ng	97
71) Phenanthrene	17.483	178	509577	48.900	ng	97
72) Anthracene	17.577	178	519640	51.064	ng	100
73) Carbazole	17.841	167	477278	54.642	ng	99
74) Di-n-butylphthalate	18.400	149	551936	54.652	ng	# 98
75) Fluoranthene	19.492	202	668150	48.842	ng	97
77) Benzidine	19.663	184	172473	39.200	ng	98
78) Pyrene	19.851	202	672640	52.419	ng	97
80) Butylbenzylphthalate	20.732	149	242277	58.905	ng	94
81) Benzo(a)anthracene	21.696	228	680038	49.434	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	151843	36.945	ng	99
83) Chrysene	21.766	228	630131	48.055	ng	96
84) Bis(2-ethylhexyl)phtha...	21.602	149	343760	58.438	ng	95
85) Di-n-octyl phthalate	22.824	149	588401	58.196	ng	97
87) Indeno(1,2,3-cd)pyrene	28.705	276	784459	46.738	ng	# 98
88) Benzo(b)fluoranthene	23.940	252	707919	52.348	ng	99
89) Benzo(k)fluoranthene	24.011	252	664829	49.654	ng	99
90) Benzo(a)pyrene	24.822	252	620773	54.406	ng	# 99
91) Dibenzo(a,h)anthracene	28.770	278	679687	48.971	ng	98
92) Benzo(g,h,i)perylene	29.880	276	672342	49.087	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

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BNA_G

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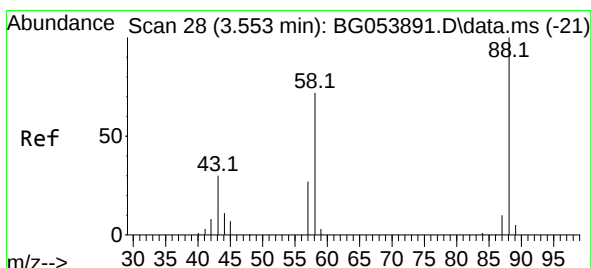
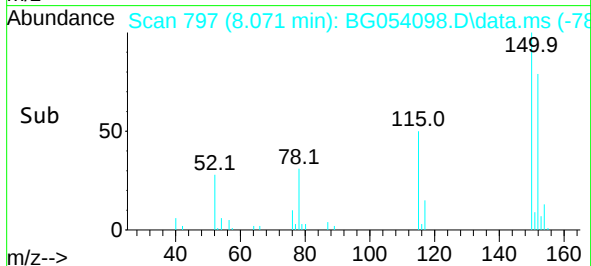
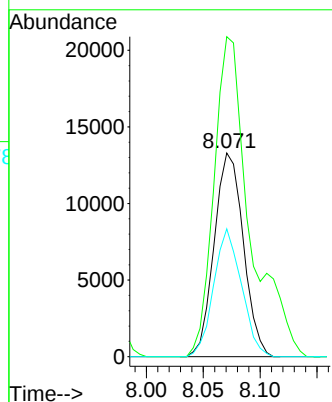
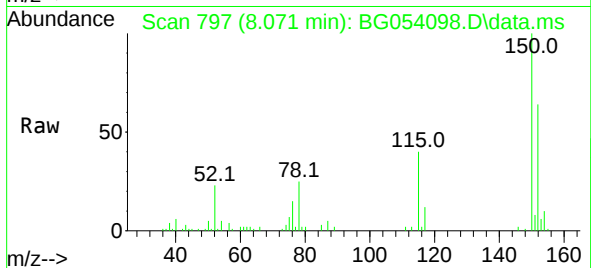
SP-EXC-3MS

Tgt Ion:152 Resp: 23708
Ion Ratio Lower Upper
152 100
150 157.1 131.6 197.4
115 62.8 50.9 76.3

Manual Integrations

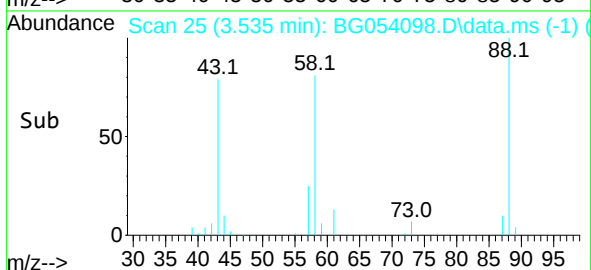
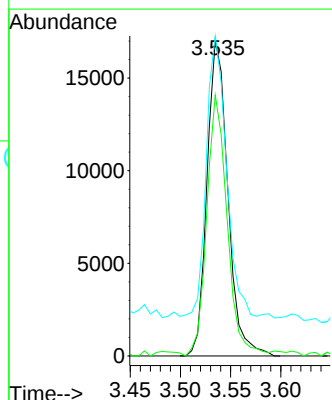
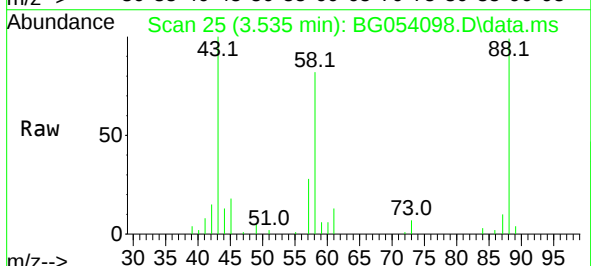
APPROVED

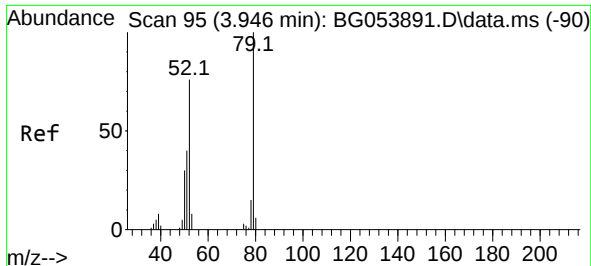
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#2
1,4-Dioxane
Concen: 45.375 ng
RT: 3.535 min Scan# 25
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion: 88 Resp: 24596
Ion Ratio Lower Upper
88 100
58 80.9 59.2 88.8
43 84.9 24.3 36.5





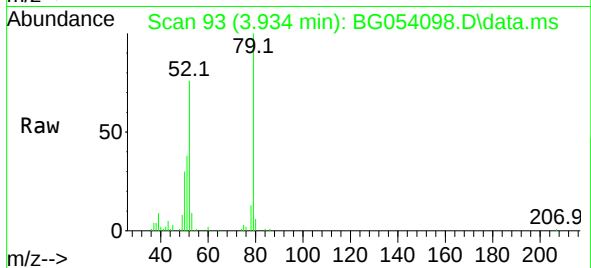
#3
Pyridine
Concen: 40.117 ng
RT: 3.934 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

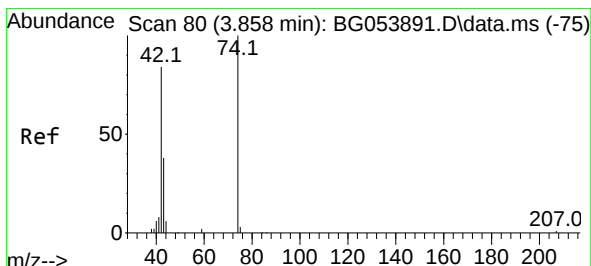
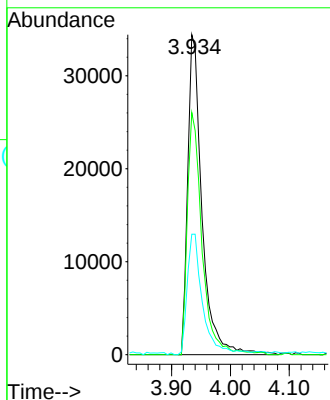
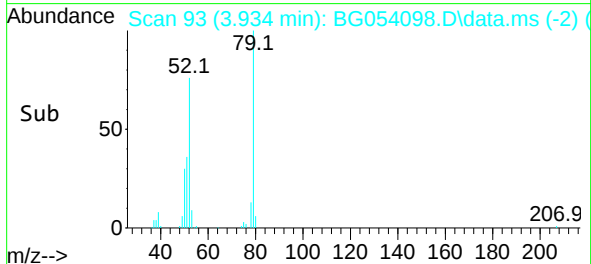
SP-EXC-3MS



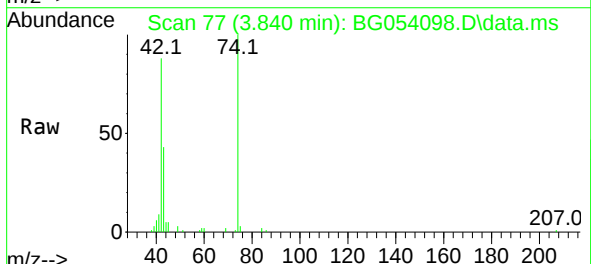
Tgt Ion: 79 Resp: 58029
Ion Ratio Lower Upper
79 100
52 75.7 54.6 81.8
51 37.7 32.5 48.7

Manual Integrations
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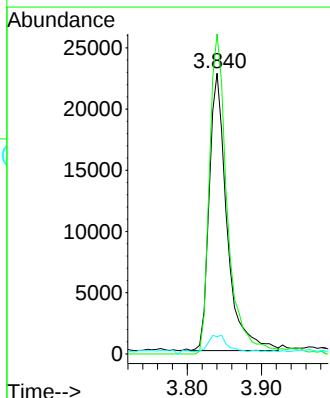
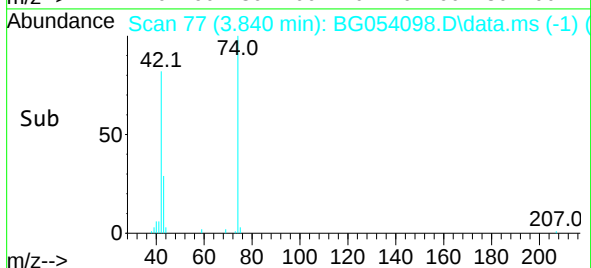
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#4
n-Nitrosodimethylamine
Concen: 59.351 ng
RT: 3.840 min Scan# 77
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion: 42 Resp: 37763
Ion Ratio Lower Upper
42 100
74 114.0 97.0 145.4
44 6.2 7.0 10.4





#5
2-Fluorophenol
Concen: 155.545 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

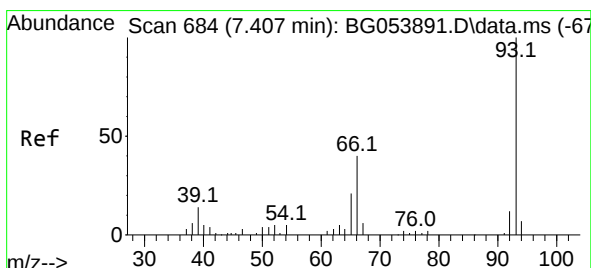
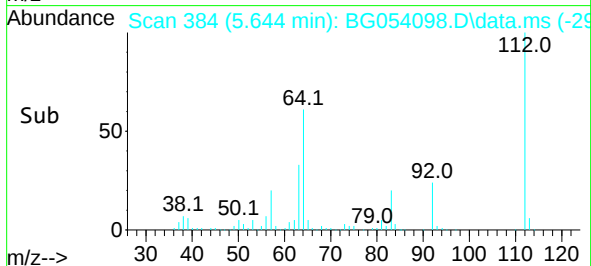
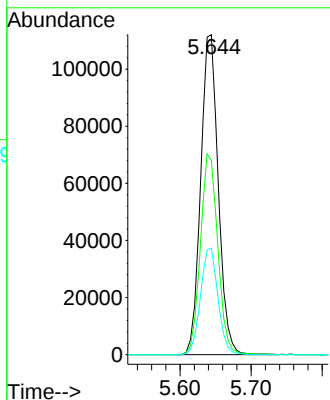
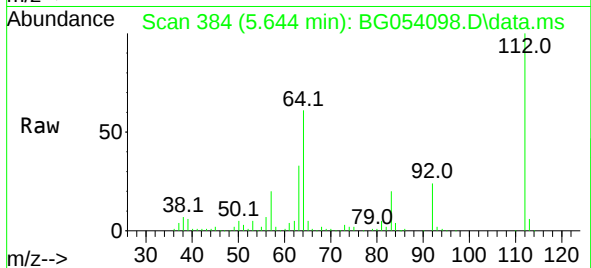
SP-EXC-3MS

Tgt Ion:112 Resp: 192878
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 33.3 30.4 45.6

Manual Integrations

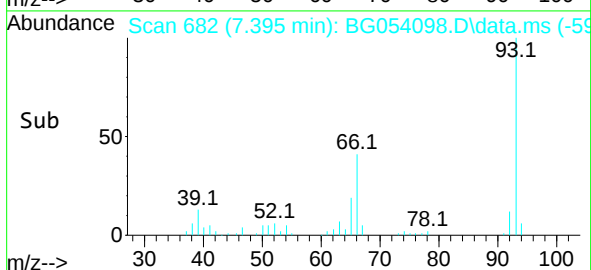
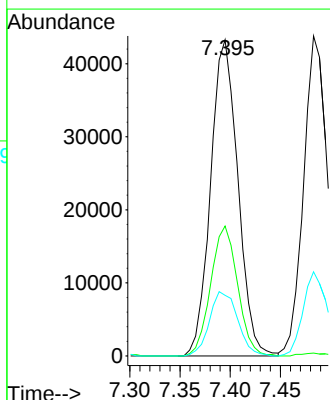
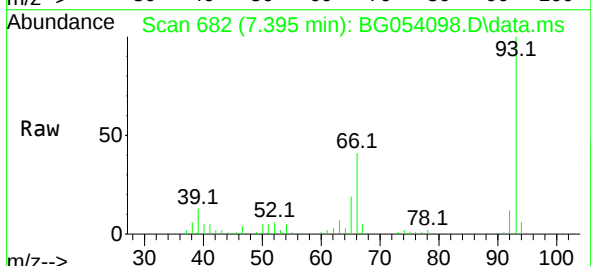
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#6
Aniline
Concen: 40.970 ng
RT: 7.395 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

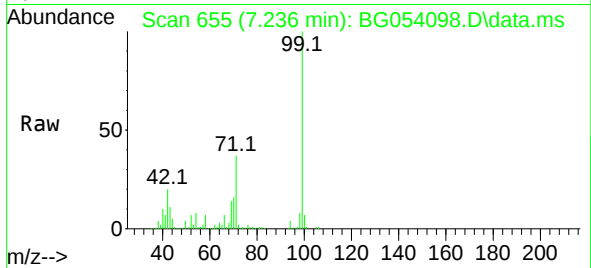
Tgt Ion: 93 Resp: 81711
Ion Ratio Lower Upper
93 100
66 41.1 32.9 49.3
65 19.2 17.8 26.8





#7
Phenol-d6
Concen: 143.273 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

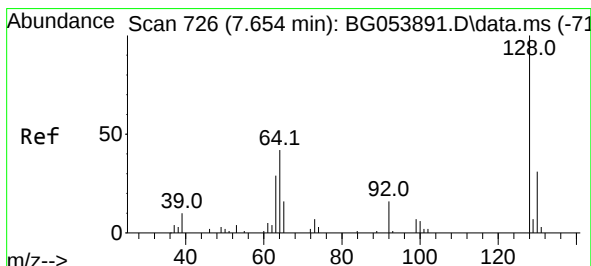
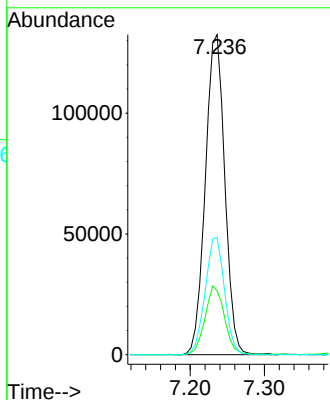
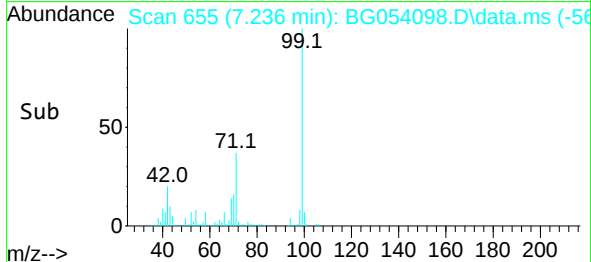
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



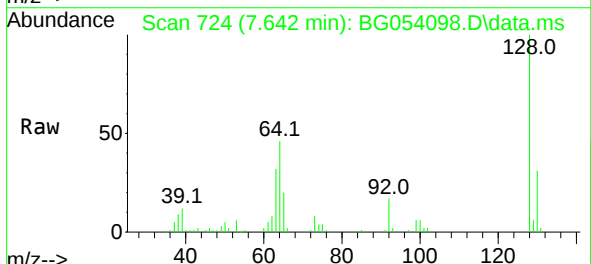
Tgt Ion: 99 Resp: 241010
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 36.6 33.8 50.8

Manual Integrations
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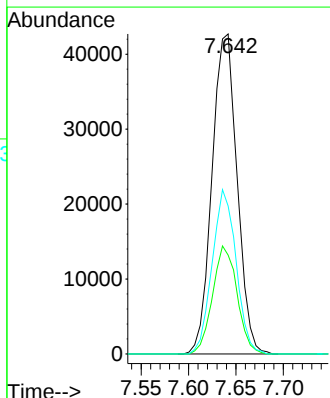
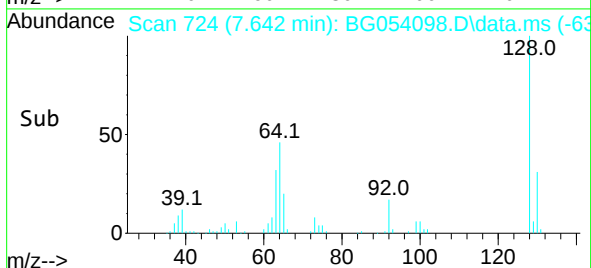
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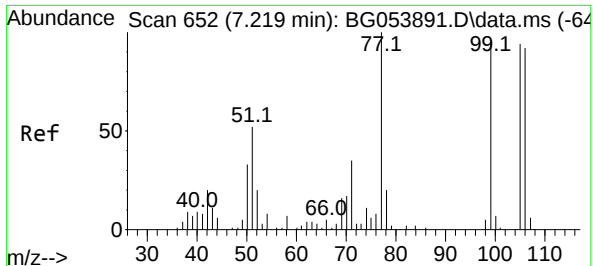


#8
2-Chlorophenol
Concen: 59.392 ng
RT: 7.642 min Scan# 724
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:128 Resp: 78636
Ion Ratio Lower Upper
128 100
130 30.9 10.5 50.5
64 46.3 35.1 75.1





#9
Benzaldehyde
Concen: 51.805 ng
RT: 7.207 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

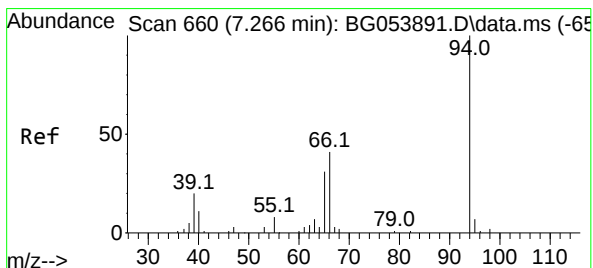
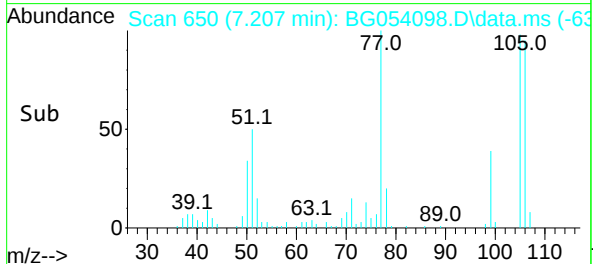
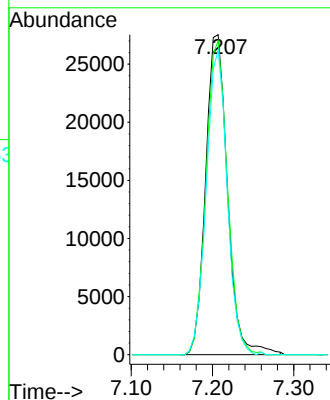
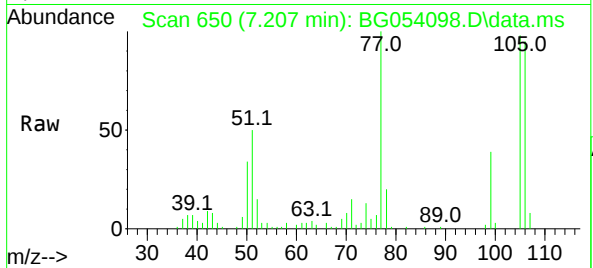
ClientSampleId :

SP-EXC-3MS

Tgt Ion: 77 Resp: 5143
Ion Ratio Lower Upper
77 100
105 98.2 59.6 99.6
106 95.1 56.8 96.8

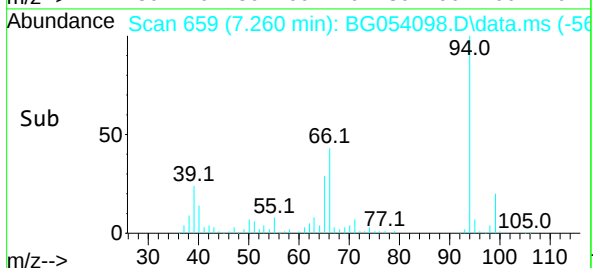
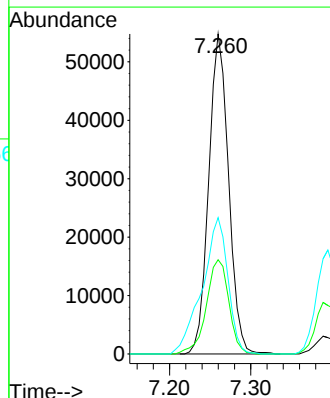
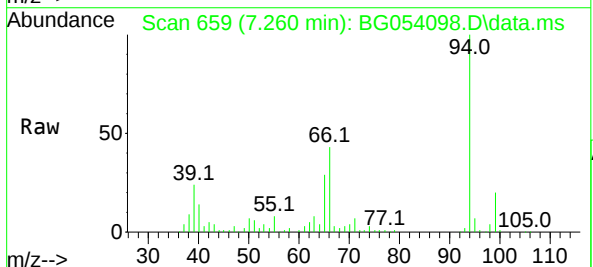
Manual Integrations
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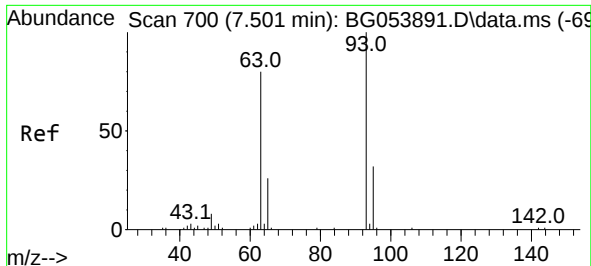
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#10
Phenol
Concen: 54.500 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion: 94 Resp: 92912
Ion Ratio Lower Upper
94 100
65 29.4 14.8 54.8
66 42.6 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 55.302 ng
RT: 7.483 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

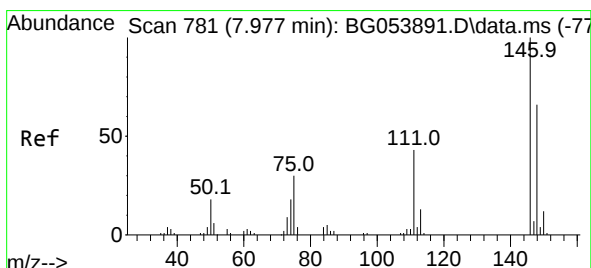
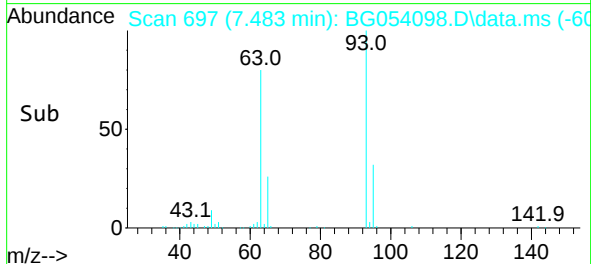
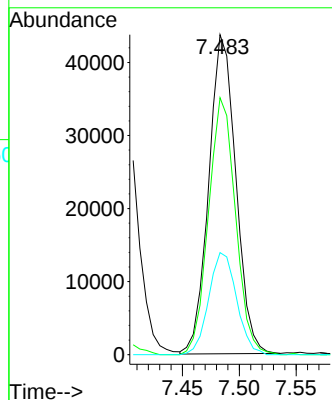
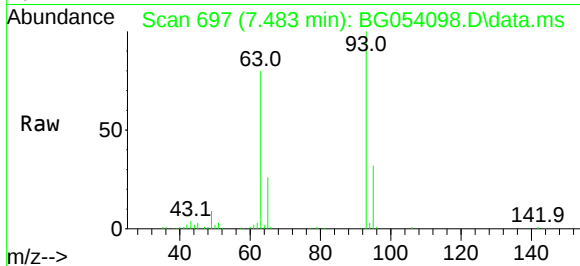
ClientSampleId :

SP-EXC-3MS

Tgt Ion: 93 Resp: 7236
Ion Ratio Lower Upper
93 100
63 80.3 63.6 103.6
95 31.9 10.1 50.1

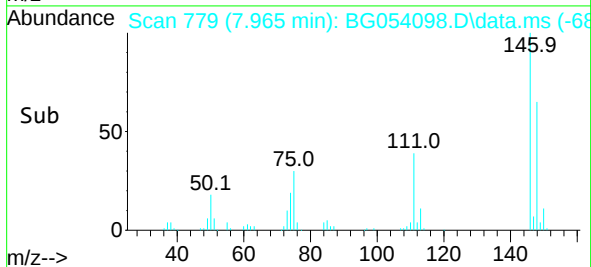
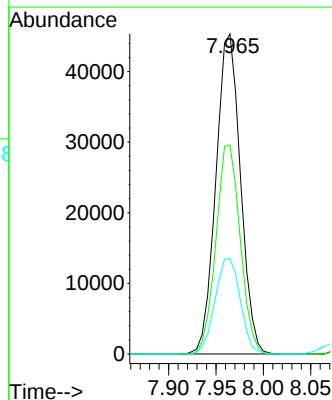
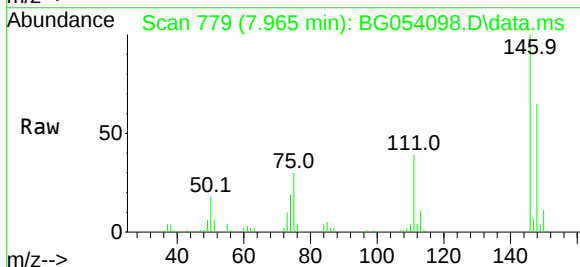
Manual Integrations
APPROVED

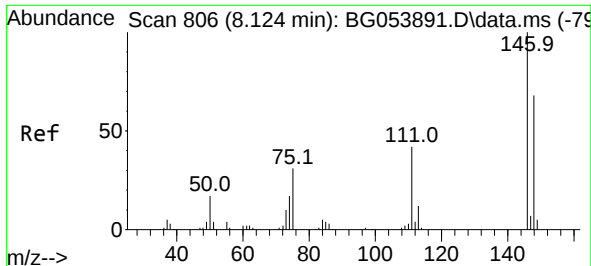
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#12
1,3-Dichlorobenzene
Concen: 49.259 ng
RT: 7.965 min Scan# 779
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

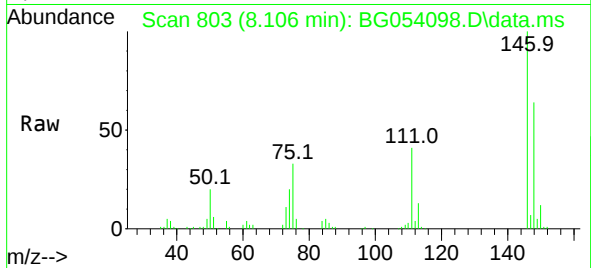
Tgt Ion:146 Resp: 81723
Ion Ratio Lower Upper
146 100
148 65.3 46.1 69.1
75 29.8 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 49.962 ng
RT: 8.106 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

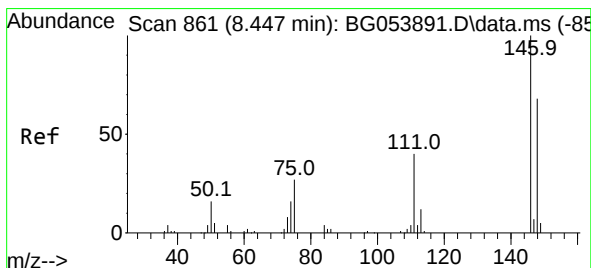
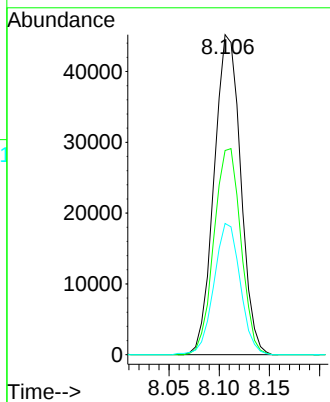
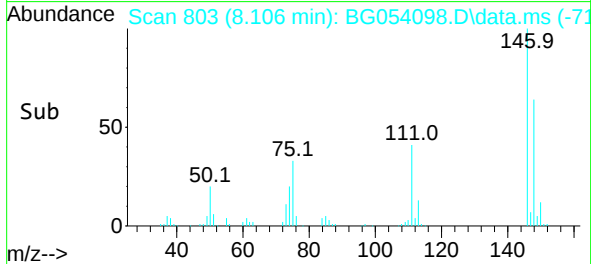
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



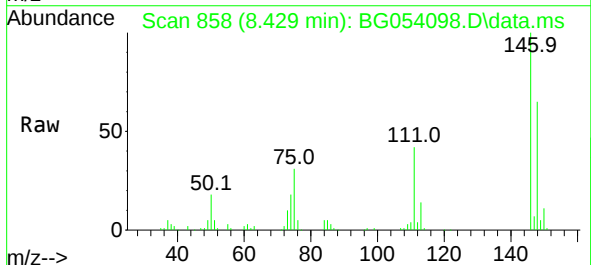
Tgt Ion:146 Resp: 83264
Ion Ratio Lower Upper
146 100
148 63.8 51.5 77.3
111 41.0 33.9 50.9

Manual Integrations
APPROVED

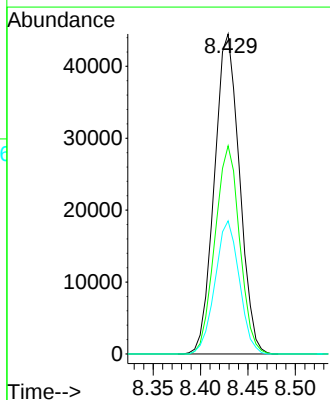
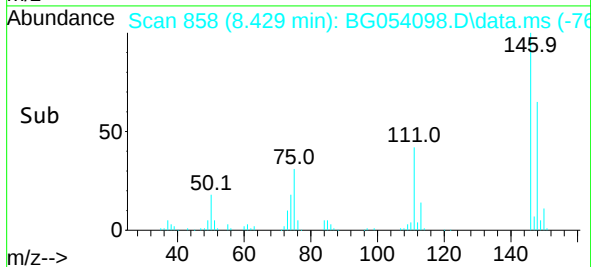
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

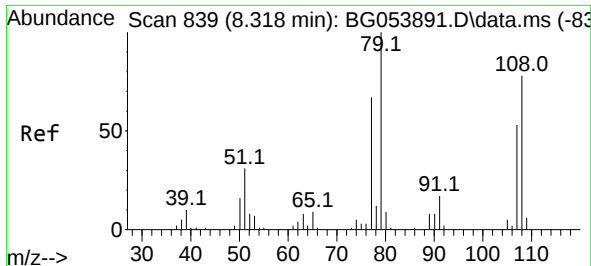


#14
1,2-Dichlorobenzene
Concen: 51.220 ng
RT: 8.429 min Scan# 858
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:146 Resp: 81943
Ion Ratio Lower Upper
146 100
148 65.1 52.6 78.8
111 41.6 34.5 51.7





#15
Benzyl Alcohol
Concen: 61.139 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

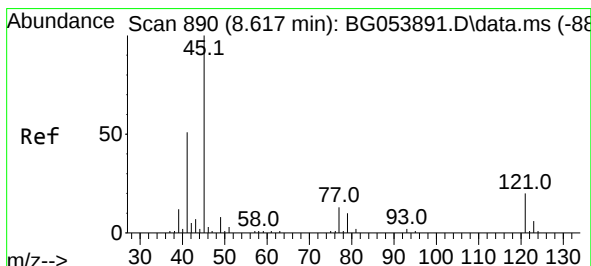
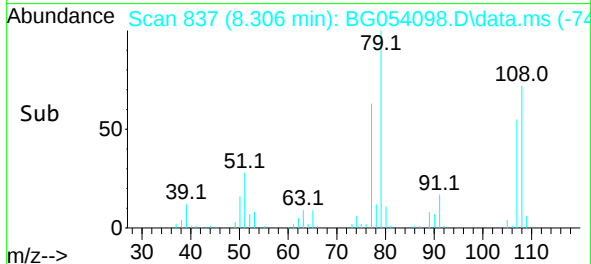
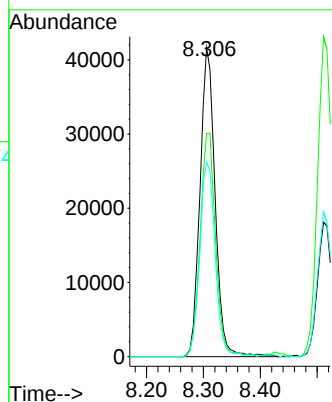
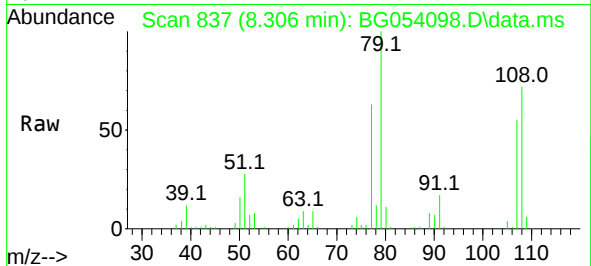
ClientSampleId :

SP-EXC-3MS

Tgt Ion: 79 Resp: 7686
Ion Ratio Lower Upper
79 100
108 72.1 53.7 80.5
77 62.9 52.2 78.4

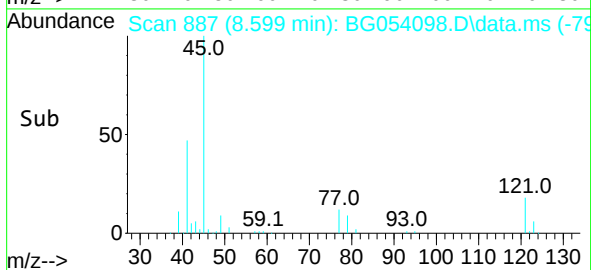
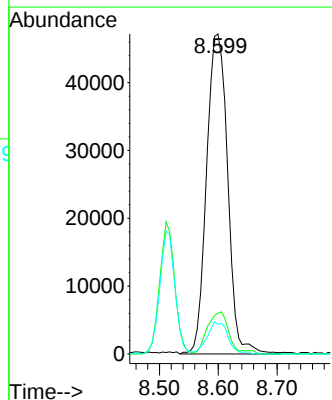
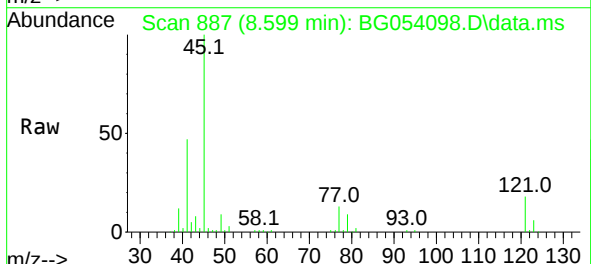
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.146 ng
RT: 8.599 min Scan# 887
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion: 45 Resp: 117651
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.7
79 9.3 0.0 29.7





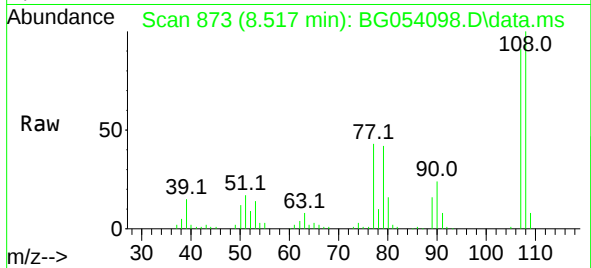
#17
2-Methylphenol
Concen: 58.100 ng
RT: 8.517 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

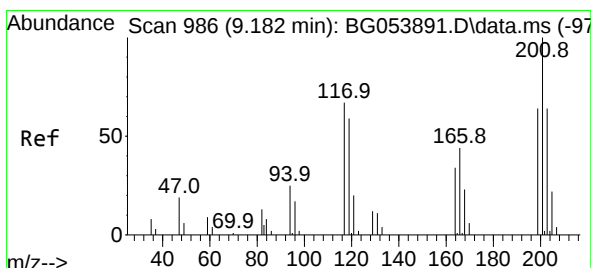
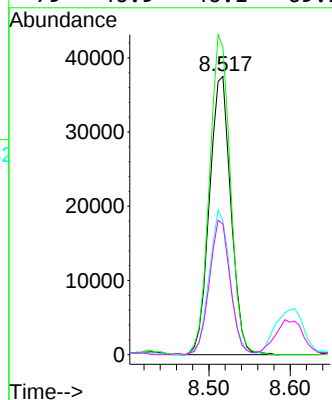


Tgt Ion:107 Resp: 6880
Ion Ratio Lower Upper
107 100
108 110.5 85.4 128.0
77 48.0 46.2 69.2
79 46.9 46.1 69.1

Manual Integrations

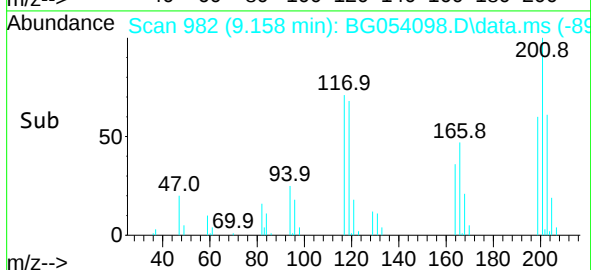
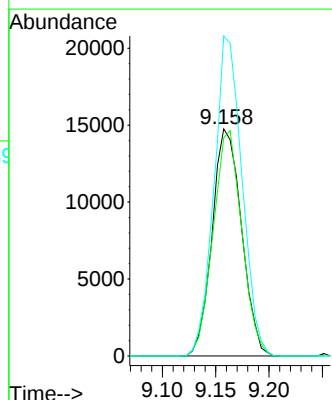
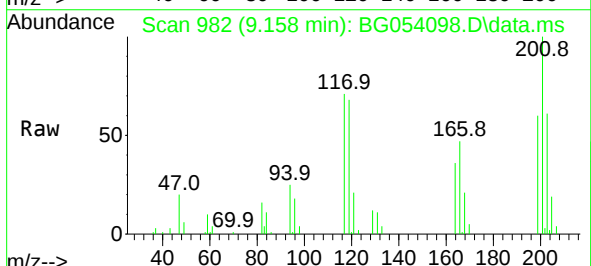
APPROVED

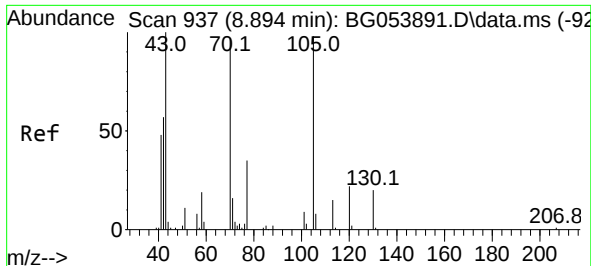
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#18
Hexachloroethane
Concen: 50.961 ng
RT: 9.158 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:117 Resp: 28174
Ion Ratio Lower Upper
117 100
119 96.1 75.0 112.6
201 141.0 89.0 133.6#





#19

n-Nitroso-di-n-propylamine

Concen: 55.488 ng

RT: 8.876 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG054098.D

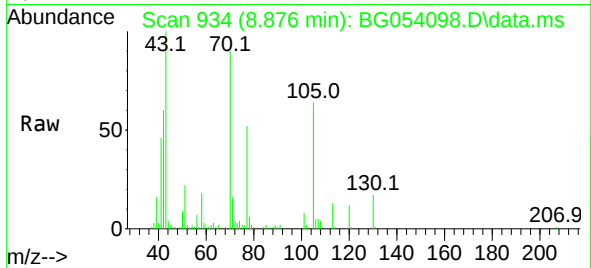
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS



Tgt Ion: 70 Resp: 62709

Ion Ratio Lower Upper

70 100

42 66.4 47.3 70.9

101 9.0 7.0 10.4

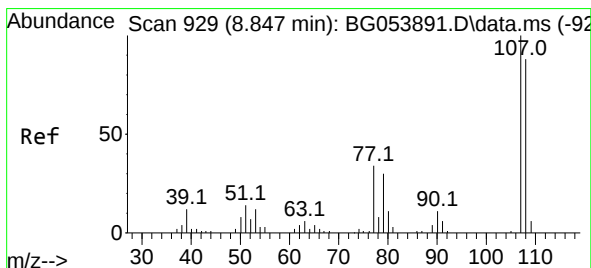
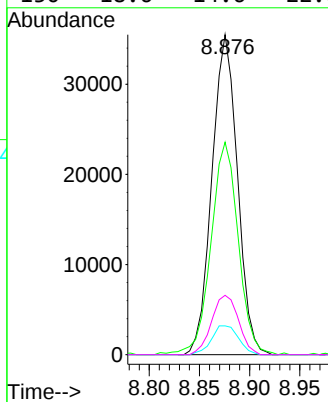
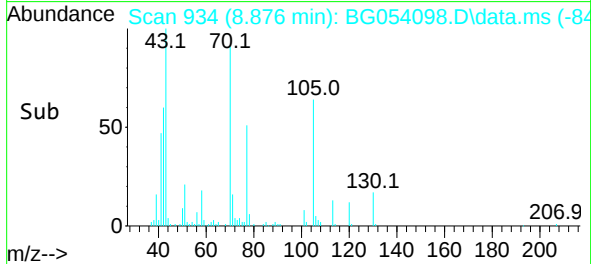
130 18.6 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/28/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#20

3+4-Methylphenols

Concen: 57.322 ng

RT: 8.840 min Scan# 928

Delta R.T. 0.006 min

Lab File: BG054098.D

Acq: 27 Jun 2022 19:08

Tgt Ion:107 Resp: 95203

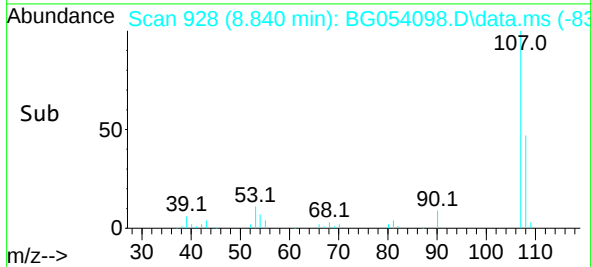
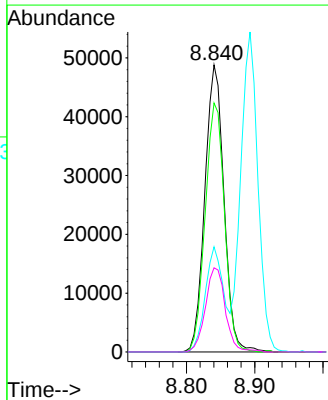
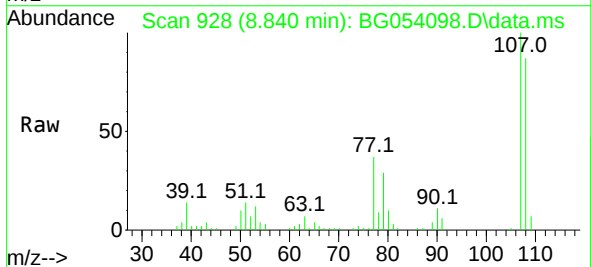
Ion Ratio Lower Upper

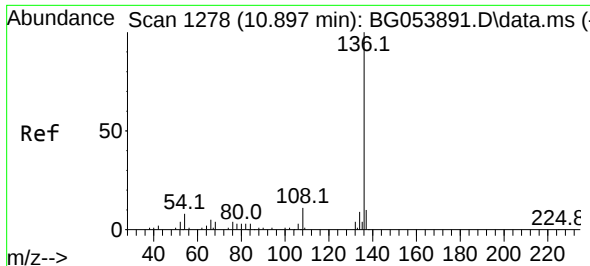
107 100

108 86.7 67.5 107.5

77 36.6 20.3 60.3

79 29.3 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

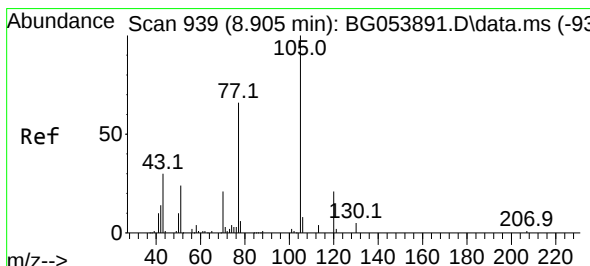
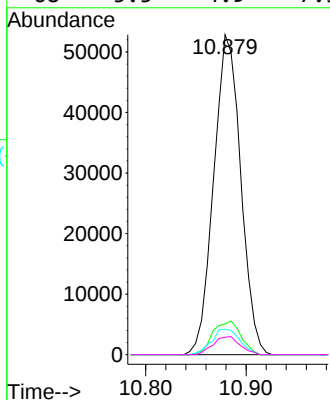
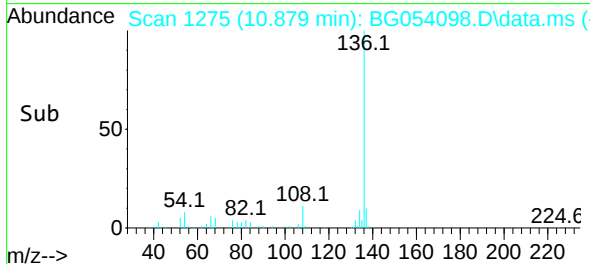
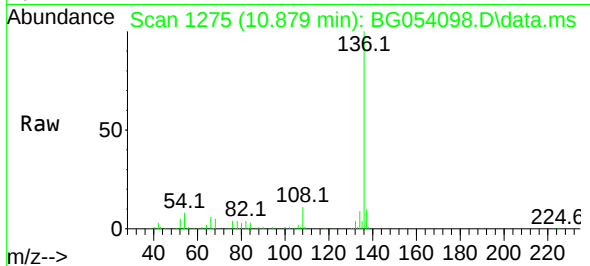
SP-EXC-3MS

Tgt Ion:136 Resp: 9870
Ion Ratio Lower Upper
136 100
137 9.6 8.5 12.7
54 8.0 7.4 11.2
68 5.5 4.9 7.3

Manual Integrations

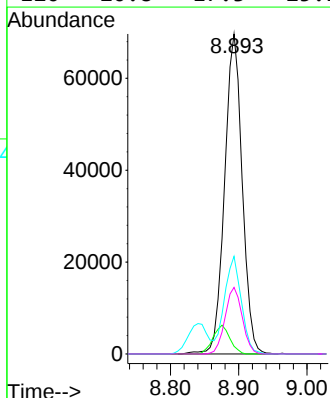
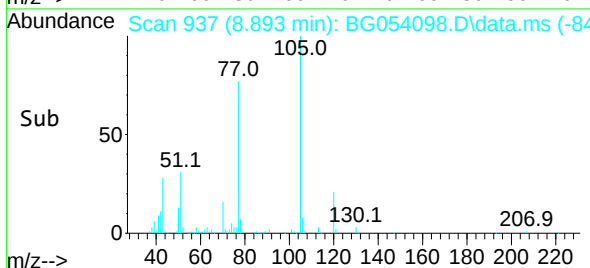
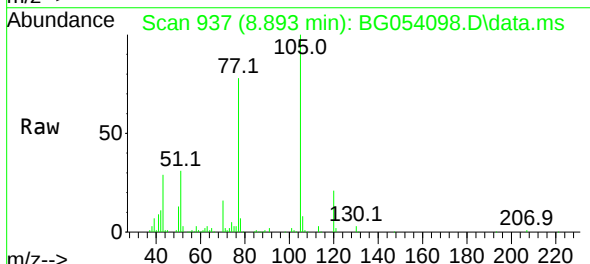
APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#22
Acetophenone
Concen: 52.143 ng
RT: 8.893 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:105 Resp: 125103
Ion Ratio Lower Upper
105 100
71 2.4 1.1 1.7#
51 30.5 25.4 38.0
120 20.8 17.3 25.9





#23
Nitrobenzene-d5
Concen: 98.277 ng
RT: 9.234 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

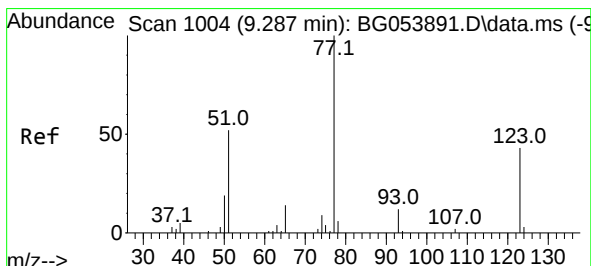
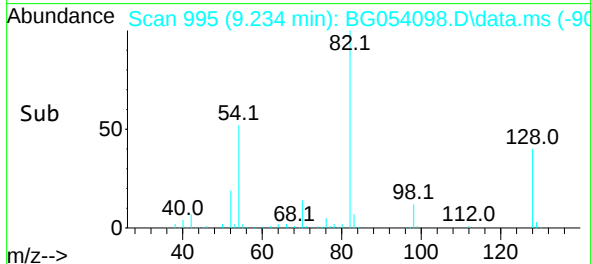
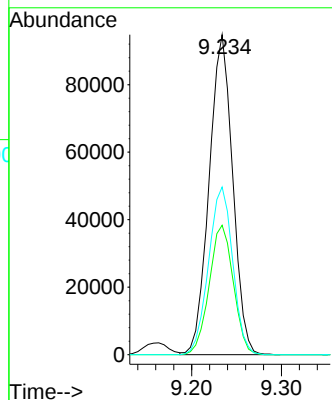
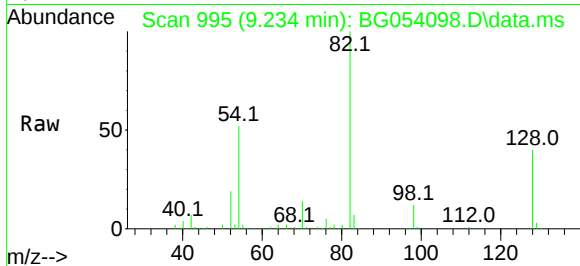
SP-EXC-3MS

Tgt Ion: 82 Resp: 17261
Ion Ratio Lower Upper
82 100
128 40.5 27.9 41.9
54 52.4 41.2 61.8

Manual Integrations

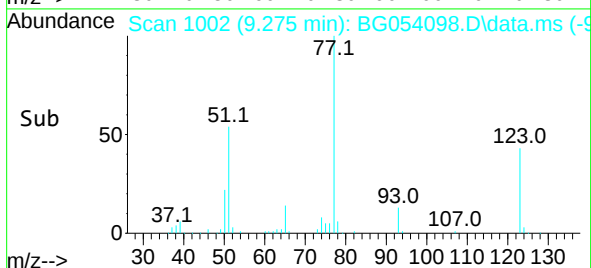
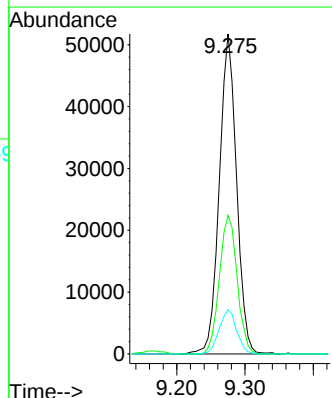
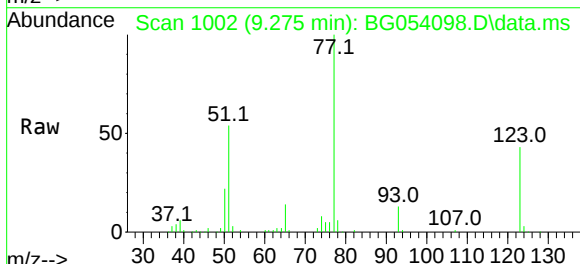
APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#24
Nitrobenzene
Concen: 52.574 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion: 77 Resp: 90932
Ion Ratio Lower Upper
77 100
123 43.3 27.4 41.0#
65 13.9 11.4 17.0





#25
Isophorone
Concen: 54.942 ng
RT: 9.798 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

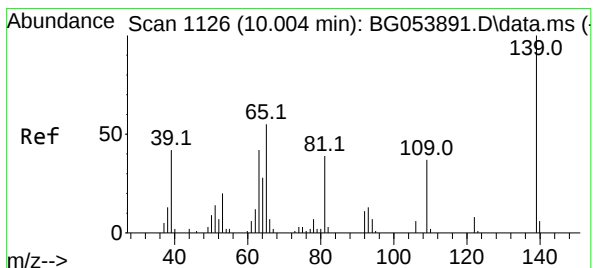
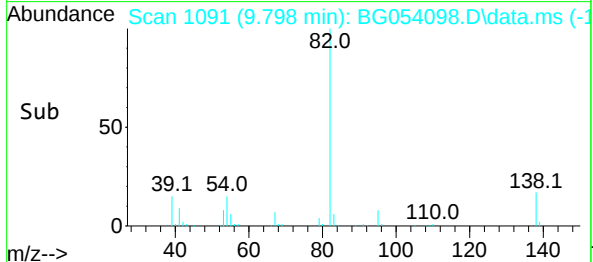
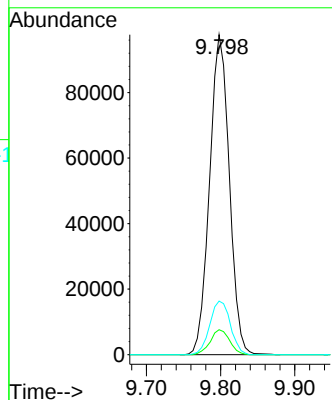
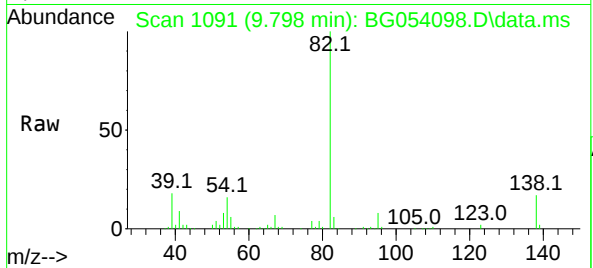
SP-EXC-3MS

Tgt Ion: 82 Resp: 180220
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 16.8 11.6 17.4

Manual Integrations

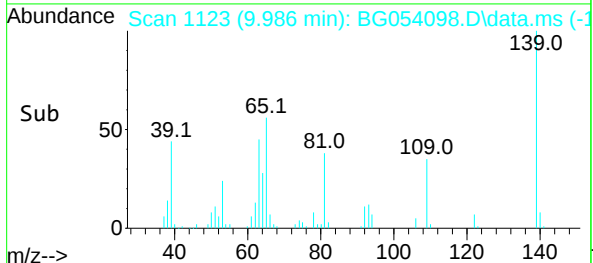
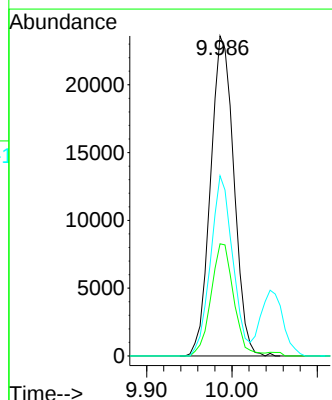
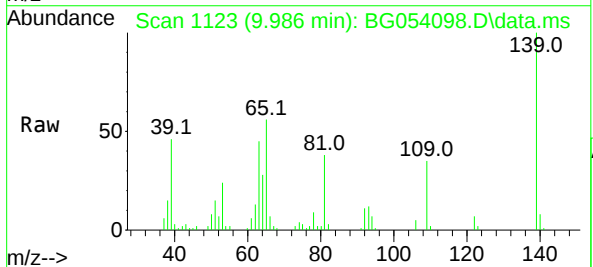
APPROVED

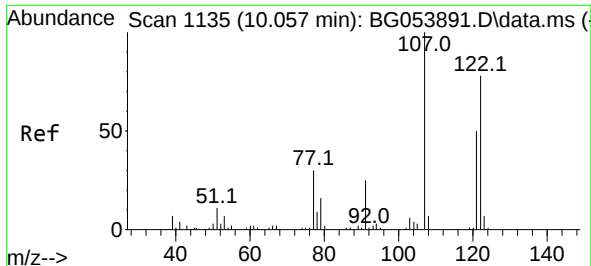
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#26
2-Nitrophenol
Concen: 58.721 ng
RT: 9.986 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:139 Resp: 44859
Ion Ratio Lower Upper
139 100
109 35.0 36.1 54.1#
65 56.3 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 62.608 ng
RT: 10.045 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

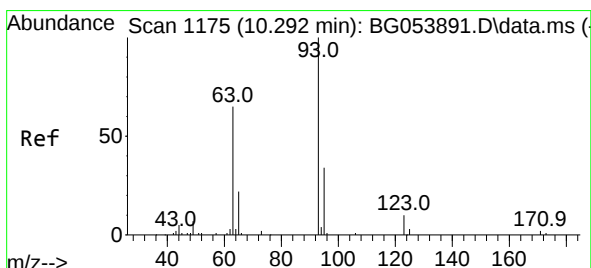
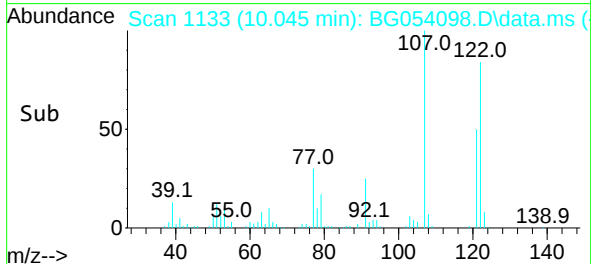
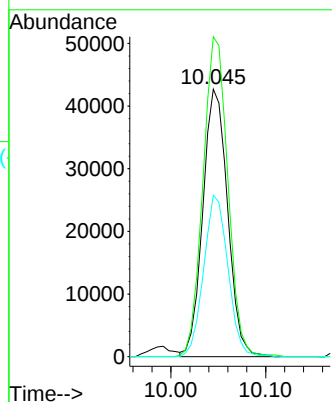
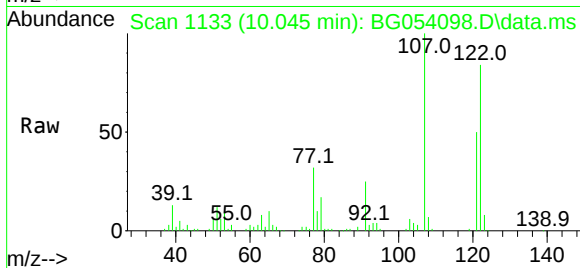
SP-EXC-3MS

Tgt Ion:122 Resp: 77414
Ion Ratio Lower Upper
122 100
107 119.6 109.4 164.0
121 60.4 48.7 73.1

Manual Integrations

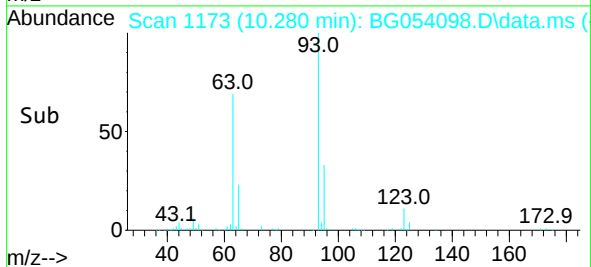
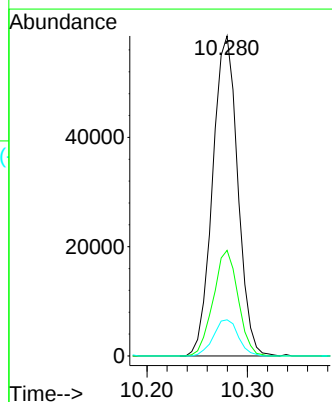
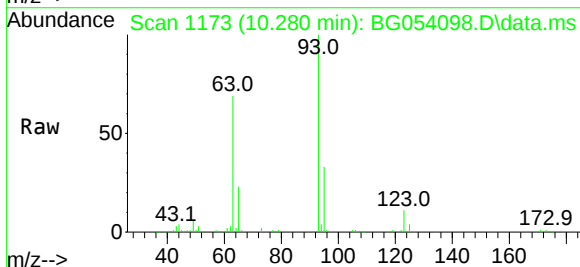
APPROVED

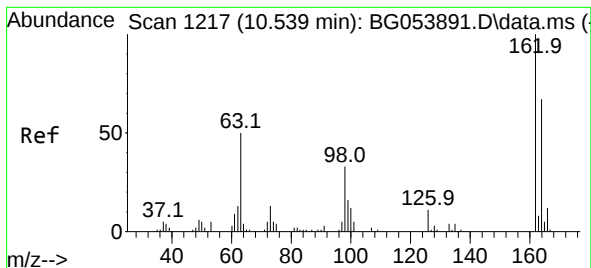
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#28
bis(2-Chloroethoxy)methane
Concen: 57.663 ng
RT: 10.280 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion: 93 Resp: 101899
Ion Ratio Lower Upper
93 100
95 33.0 26.9 40.3
123 11.3 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 53.807 ng
RT: 10.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

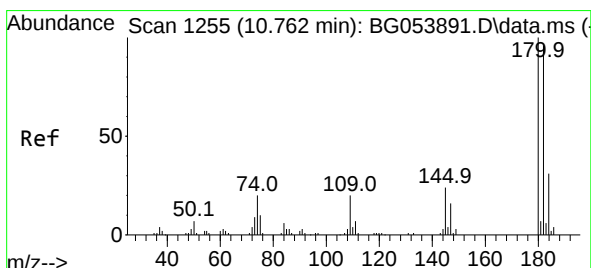
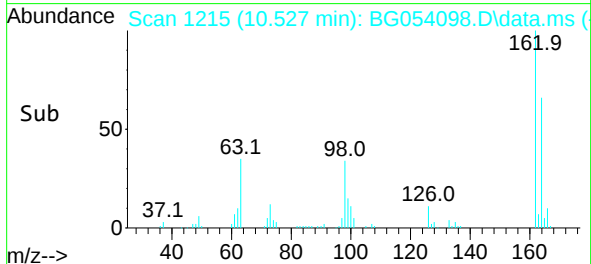
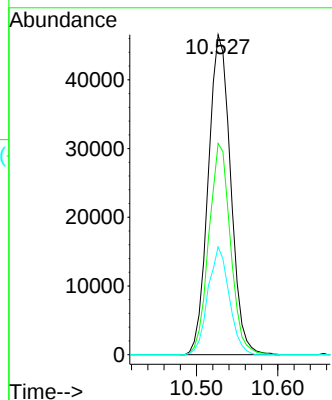
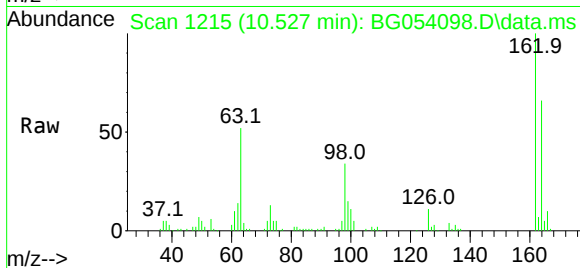
SP-EXC-3MS

Tgt Ion:162 Resp: 8920
Ion Ratio Lower Upper
162 100
164 66.0 46.6 86.6
98 33.7 22.8 62.8

Manual Integrations

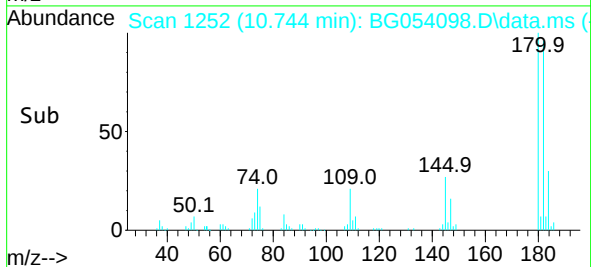
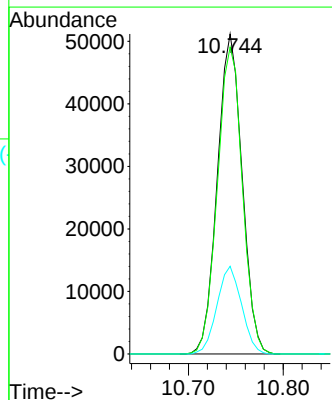
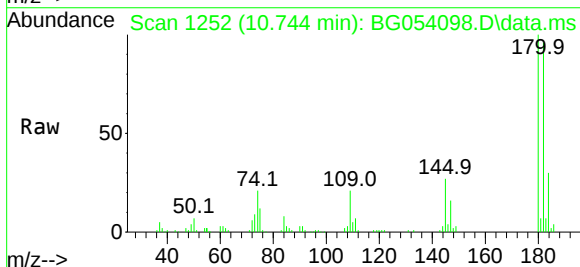
APPROVED

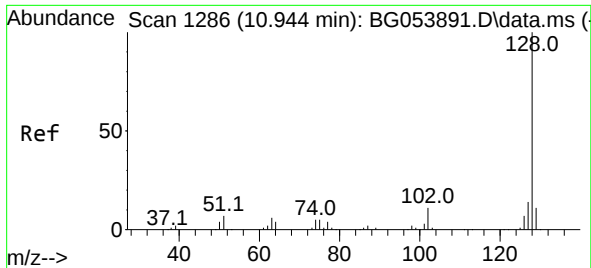
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#30
1,2,4-Trichlorobenzene
Concen: 45.199 ng
RT: 10.744 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

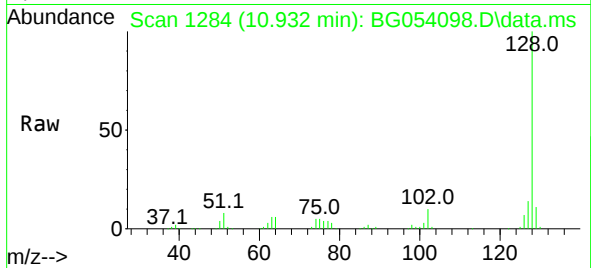
Tgt Ion:180 Resp: 92783
Ion Ratio Lower Upper
180 100
182 95.9 76.6 115.0
145 27.4 25.0 37.4





#31
Naphthalene
Concen: 48.101 ng
RT: 10.932 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

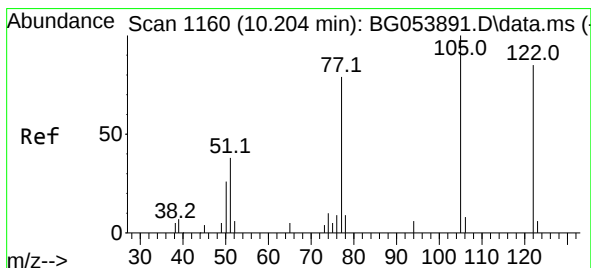
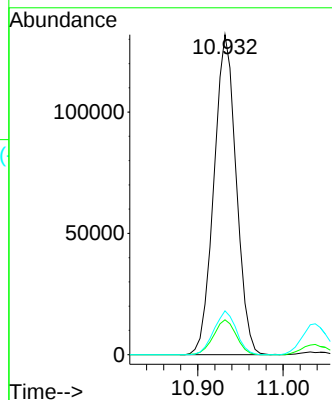
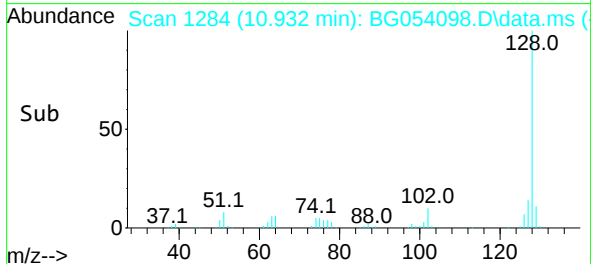
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



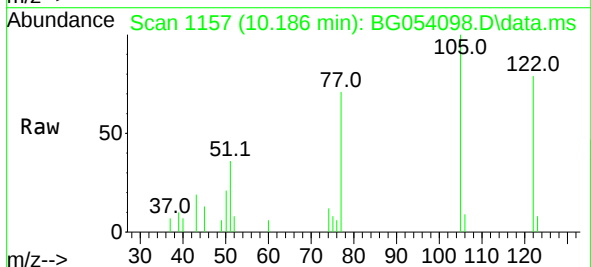
Tgt Ion:128 Resp: 239670
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.7 11.1 16.7

Manual Integrations
APPROVED

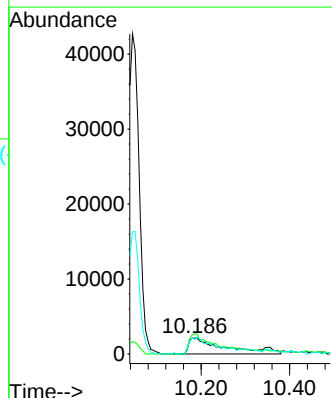
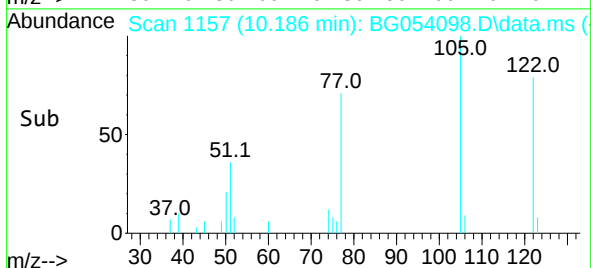
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#32
Benzoic acid
Concen: 28.547 ng m
RT: 10.186 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:122 Resp: 12157
Ion Ratio Lower Upper
122 100
105 127.2 111.8 151.8
77 90.7 109.4 149.4#





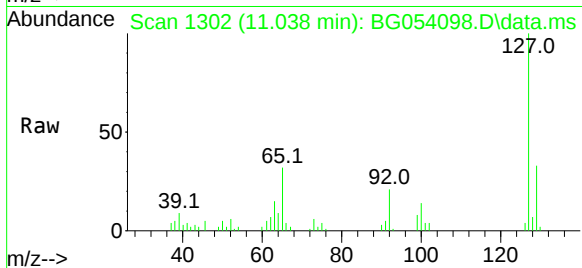
#33
4-Chloroaniline
Concen: 13.698 ng
RT: 11.038 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

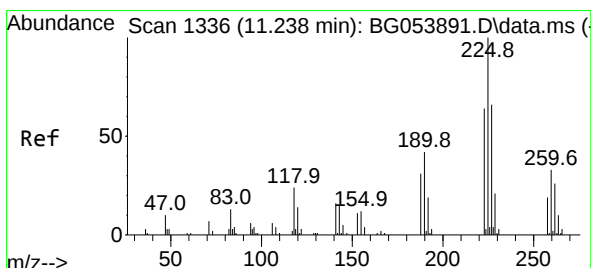
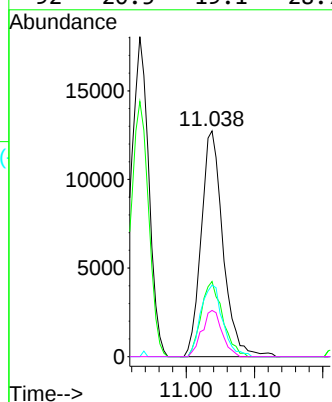
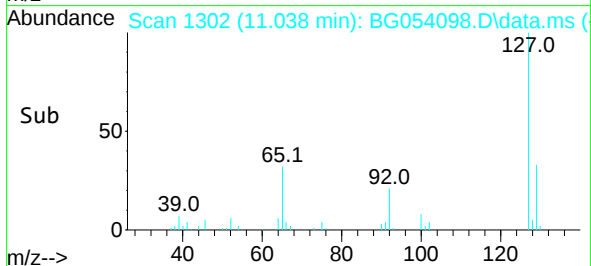


Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	31.7	31.1	46.7
92	20.5	19.1	28.7

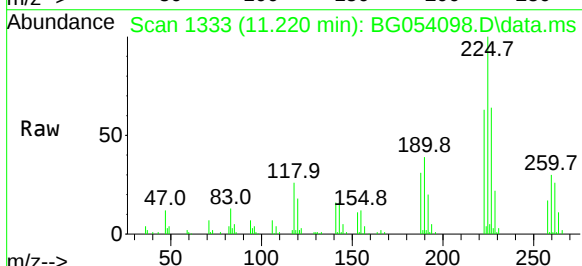
Manual Integrations

APPROVED

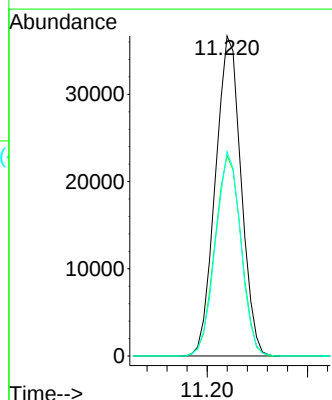
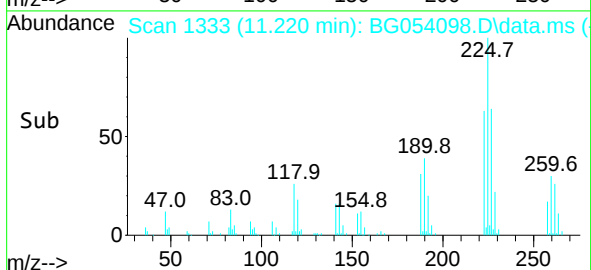
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

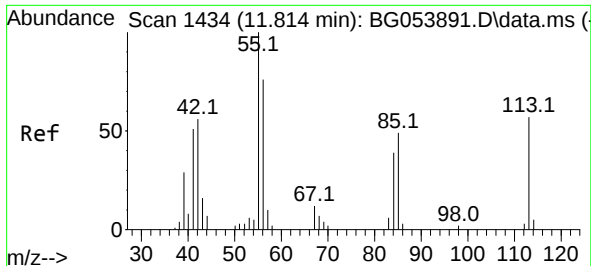


#34
Hexachlorobutadiene
Concen: 41.306 ng
RT: 11.220 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.9	73.3
227	66.6	52.8	79.2





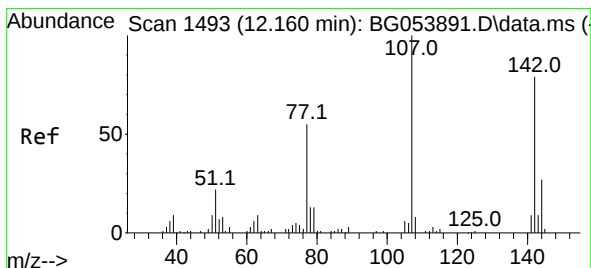
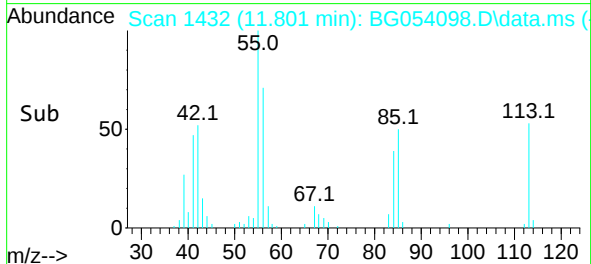
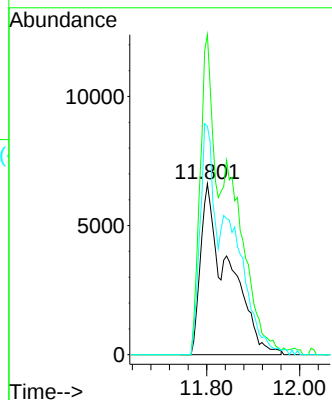
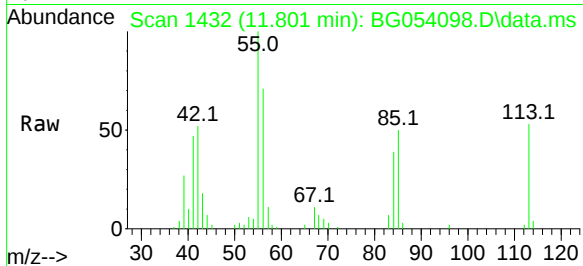
#35
Caprolactam
Concen: 60.687 ng m
RT: 11.801 min Scan# 1434
Delta R.T. 0.012 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS

Tgt Ion:113 Resp: 2769
Ion Ratio Lower Upper
113 100
55 187.2 169.8 209.8
56 133.6 141.2 181.2

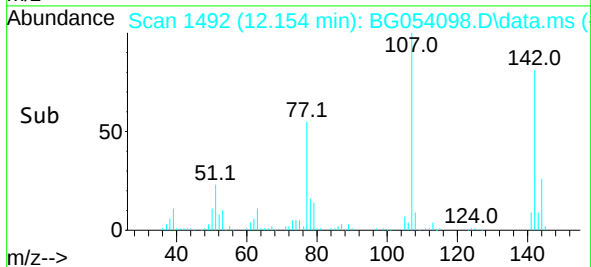
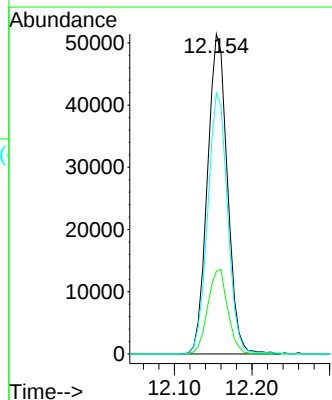
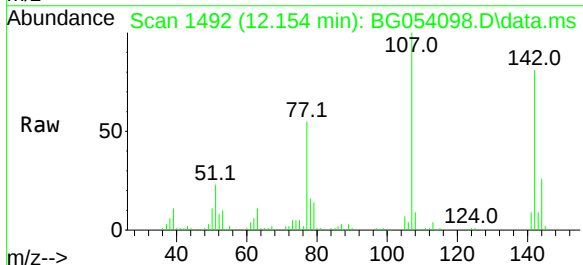
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#36
4-Chloro-3-methylphenol
Concen: 56.960 ng
RT: 12.154 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:107 Resp: 91797
Ion Ratio Lower Upper
107 100
144 25.8 18.5 27.7
142 81.5 55.0 82.4





#37

2-Methylnaphthalene

Concen: 48.657 ng

RT: 12.530 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BG054098.D

Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

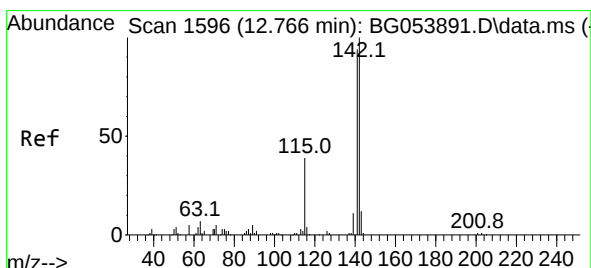
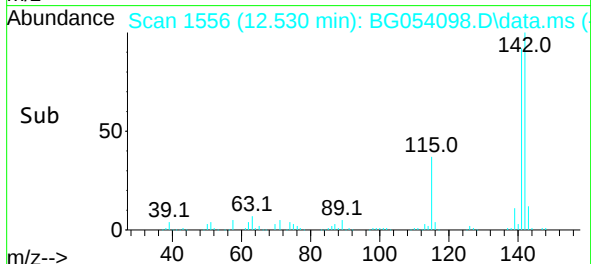
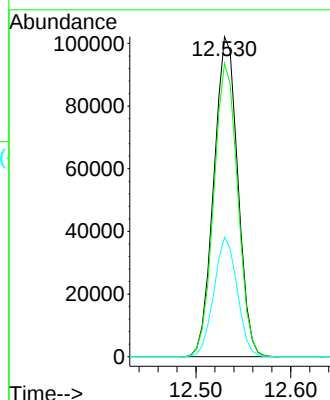
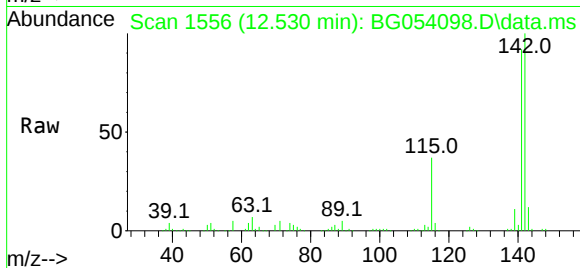
SP-EXC-3MS

Tgt Ion:142 Resp: 179379
 Ion Ratio Lower Upper
 142 100
 141 91.7 72.3 108.5
 115 37.3 33.7 50.5

Manual Integrations

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Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/28/2022



#38

1-Methylnaphthalene

Concen: 48.455 ng

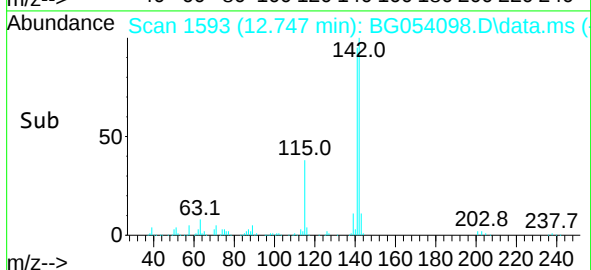
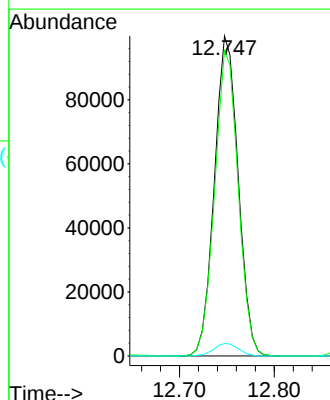
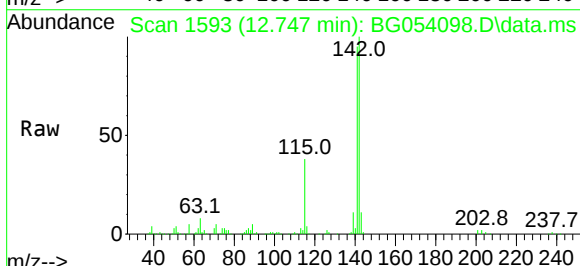
RT: 12.747 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BG054098.D

Acq: 27 Jun 2022 19:08

Tgt Ion:142 Resp: 173934
 Ion Ratio Lower Upper
 142 100
 141 95.4 76.4 114.6
 116 3.9 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

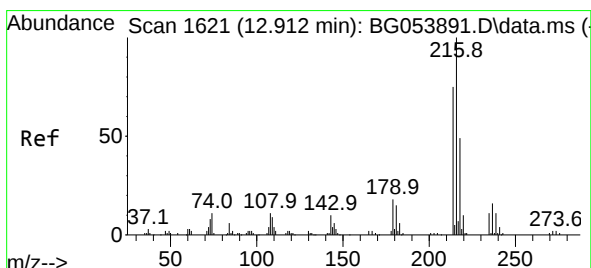
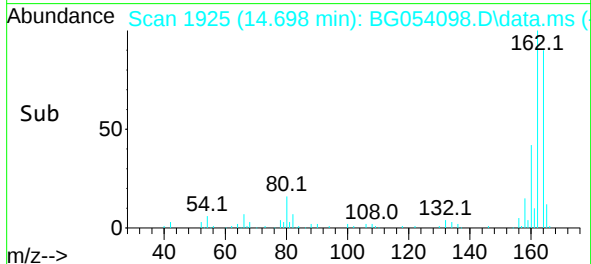
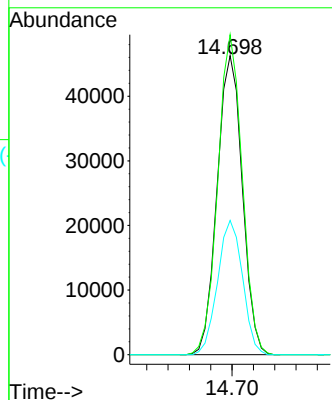
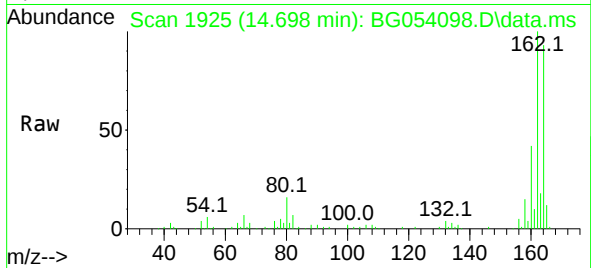
SP-EXC-3MS

Tgt Ion:164 Resp: 75768
Ion Ratio Lower Upper
164 100
162 107.0 82.3 123.5
160 44.9 34.2 51.2

Manual Integrations

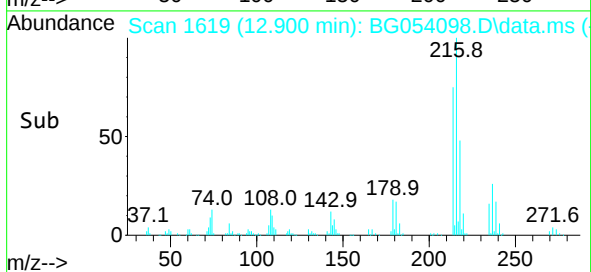
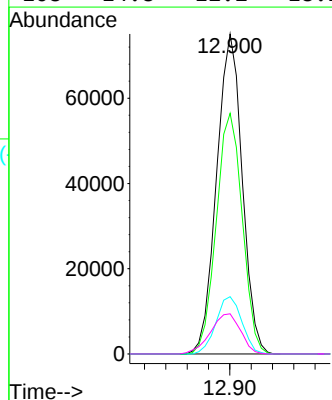
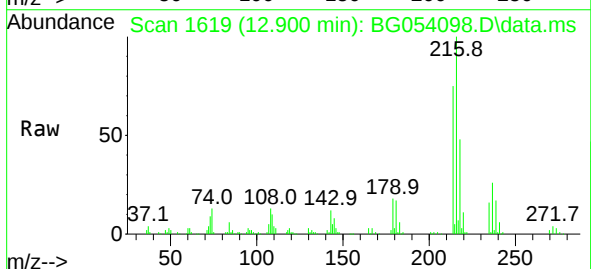
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Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.832 ng
RT: 12.900 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

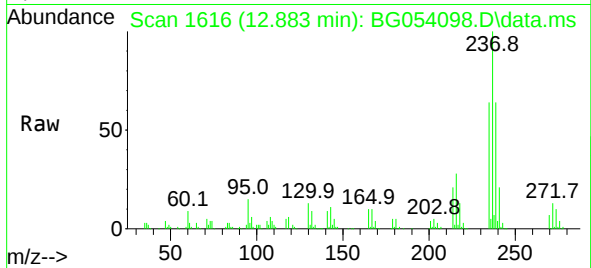
Tgt Ion:216 Resp: 125049
Ion Ratio Lower Upper
216 100
214 76.3 62.9 94.3
179 18.1 16.1 24.1
108 14.8 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 99.733 ng
RT: 12.883 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

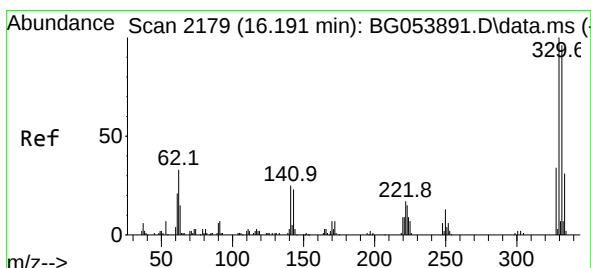
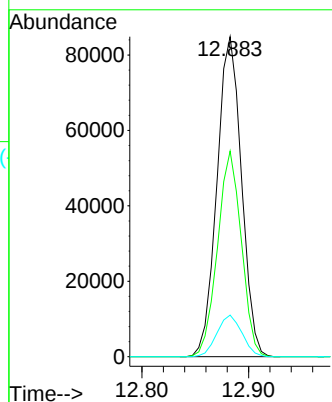
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



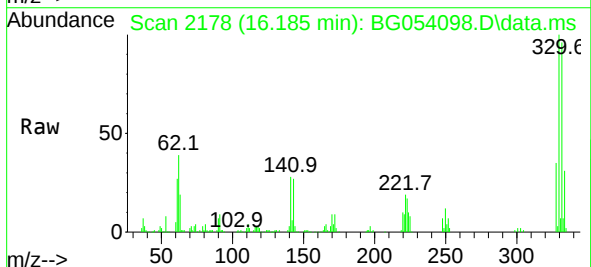
Tgt Ion:237 Resp: 13558
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 13.0 0.0 30.1

Manual Integrations
APPROVED

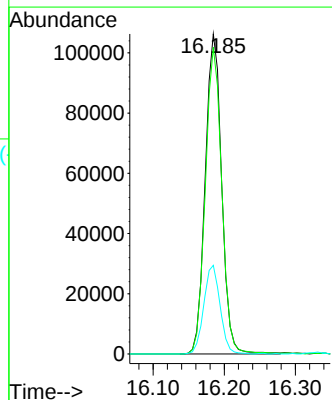
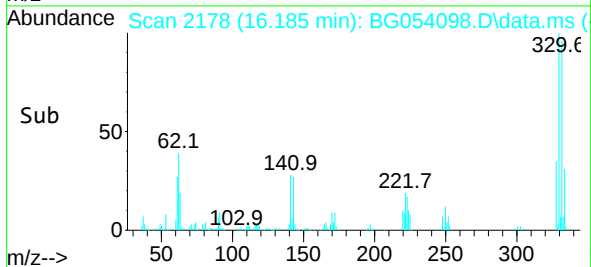
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

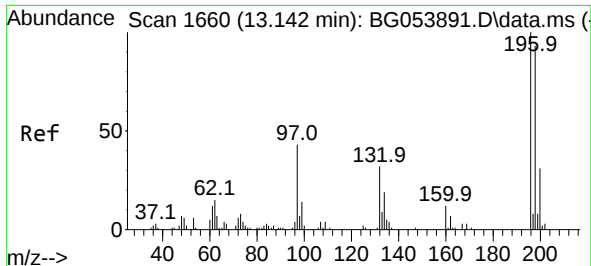


#42
2,4,6-Tribromophenol
Concen: 140.194 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



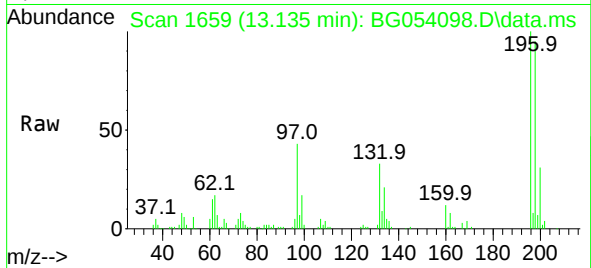
Tgt Ion:330 Resp: 170665
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 27.5 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 50.626 ng
RT: 13.135 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

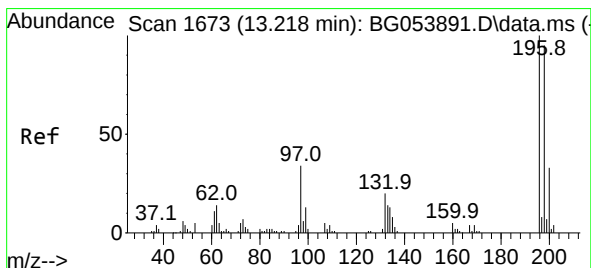
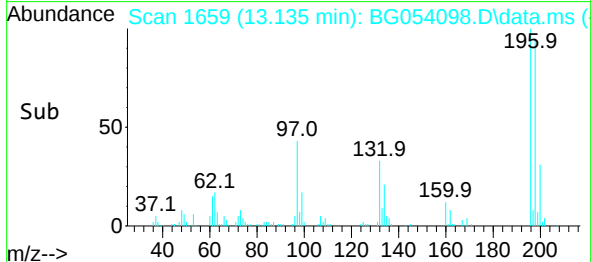
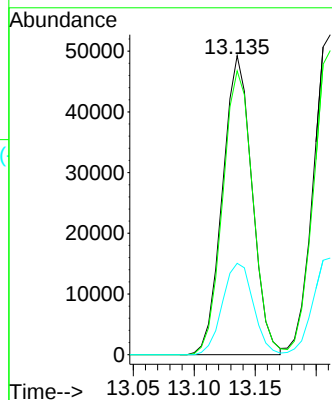
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



Tgt Ion:196 Resp: 83029
Ion Ratio Lower Upper
196 100
198 94.9 74.1 111.1
200 30.5 24.7 37.1

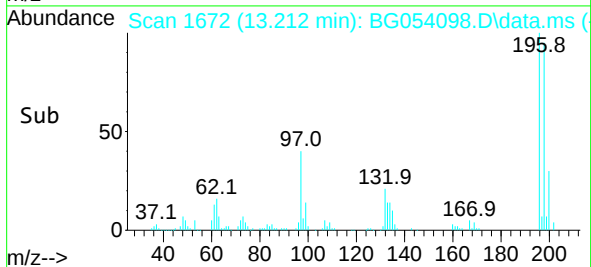
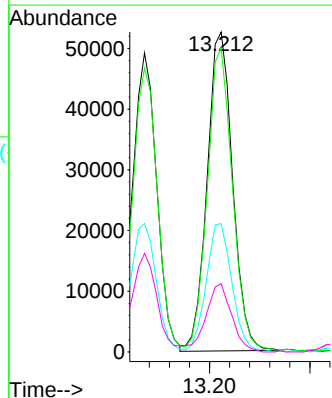
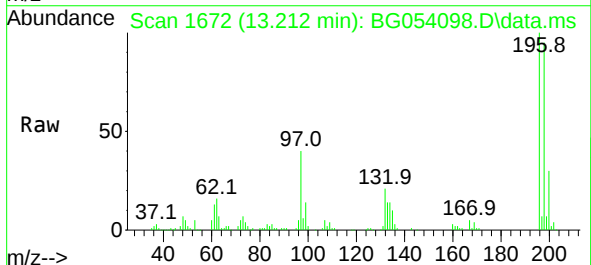
Manual Integrations
APPROVED

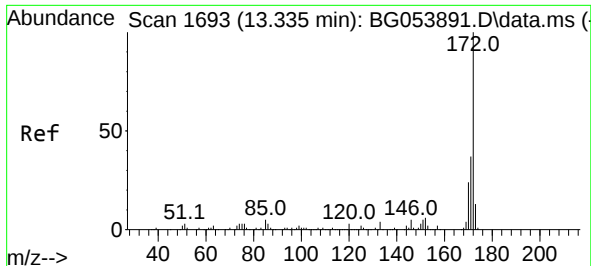
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#44
2,4,5-Trichlorophenol
Concen: 50.629 ng
RT: 13.212 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

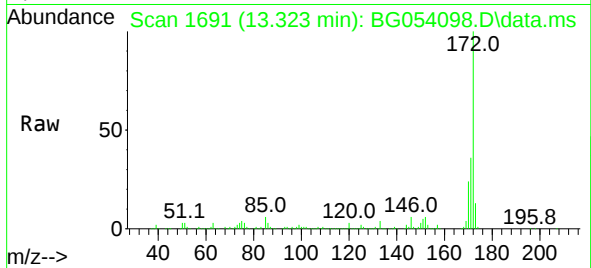
Tgt Ion:196 Resp: 92709
Ion Ratio Lower Upper
196 100
198 95.0 76.8 115.2
97 40.1 39.8 59.6
132 21.3 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 86.230 ng
RT: 13.323 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

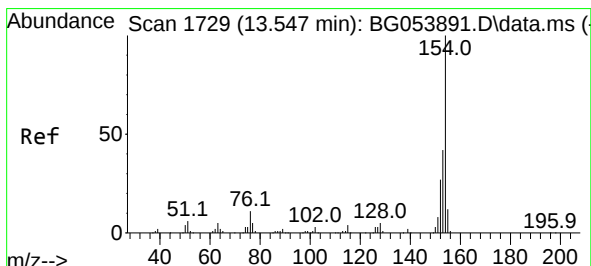
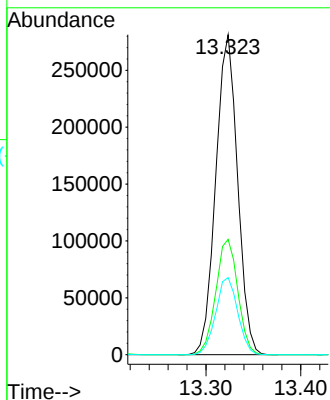
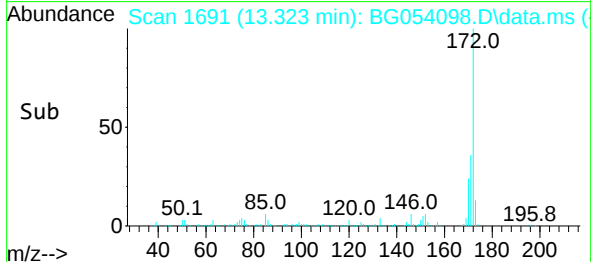
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



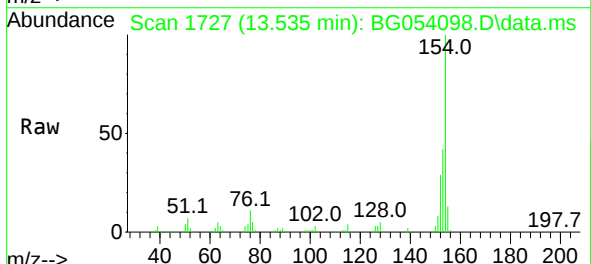
Tgt Ion:172 Resp: 44930
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.1 18.9 28.3

Manual Integrations
APPROVED

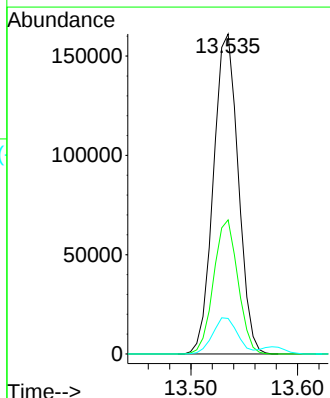
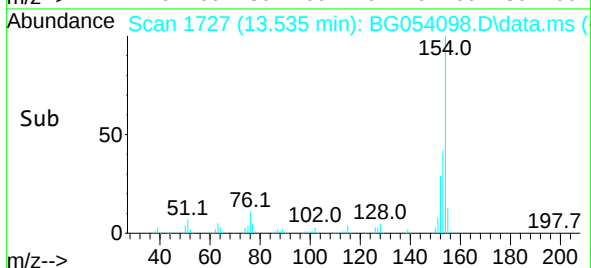
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

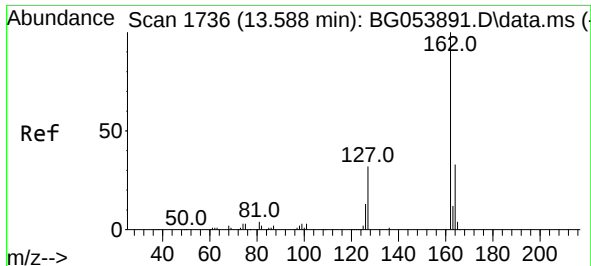


#46
1,1'-Biphenyl
Concen: 49.341 ng
RT: 13.535 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:154 Resp: 260406
Ion Ratio Lower Upper
154 100
153 41.9 21.6 61.6
76 11.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 47.982 ng
RT: 13.576 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

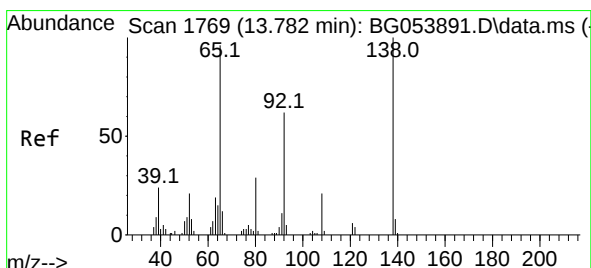
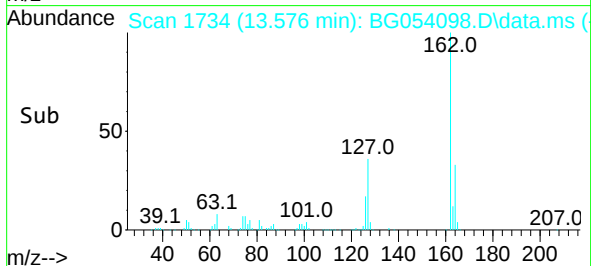
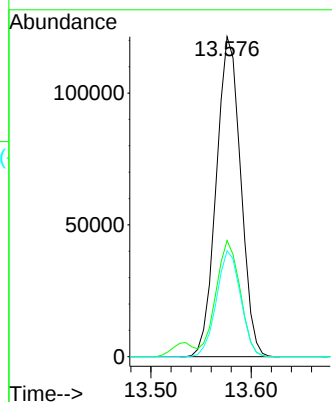
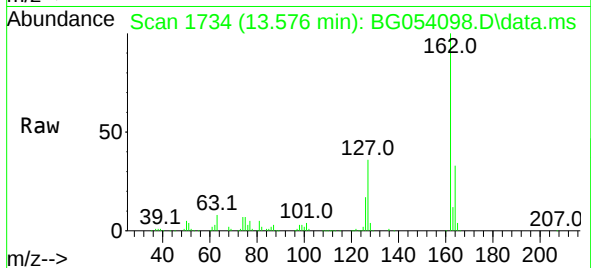
SP-EXC-3MS

Tgt Ion:162 Resp: 20494
Ion Ratio Lower Upper
162 100
127 36.3 30.6 45.8
164 33.1 26.5 39.7

Manual Integrations

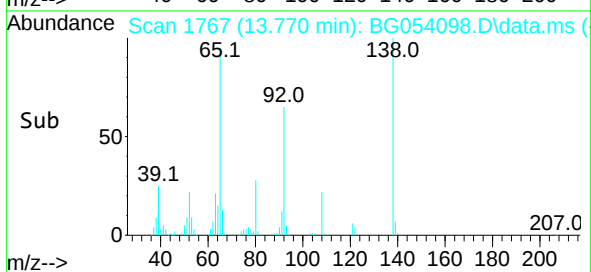
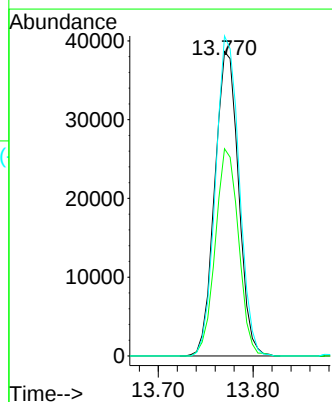
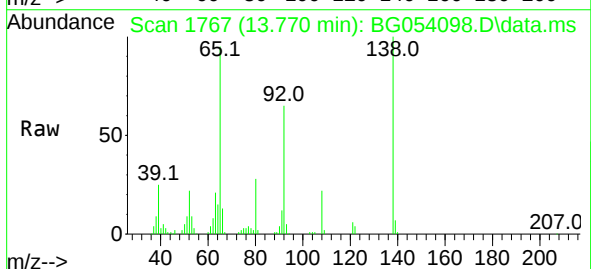
APPROVED

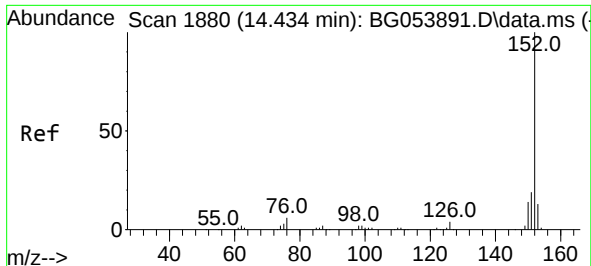
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#48
2-Nitroaniline
Concen: 59.358 ng
RT: 13.770 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion: 65 Resp: 67442
Ion Ratio Lower Upper
65 100
92 68.1 51.5 77.3
138 105.1 71.3 106.9





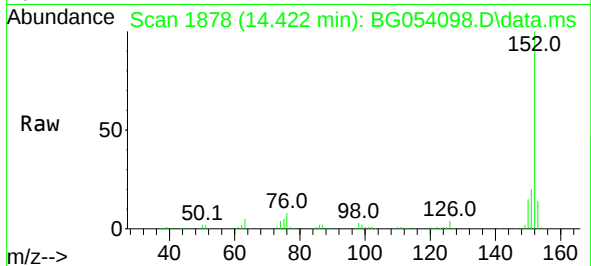
#49
Acenaphthylene
Concen: 50.348 ng
RT: 14.422 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

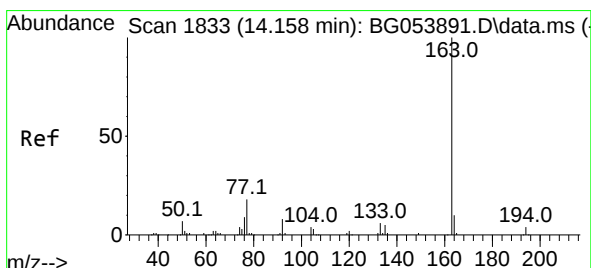
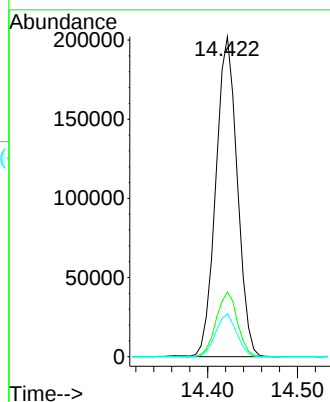
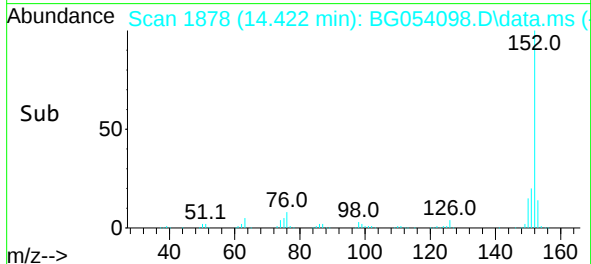
SP-EXC-3MS



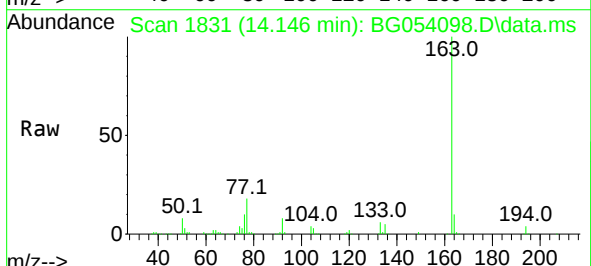
Tgt Ion:152 Resp: 33439
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.5 10.8 16.2

Manual Integrations
APPROVED

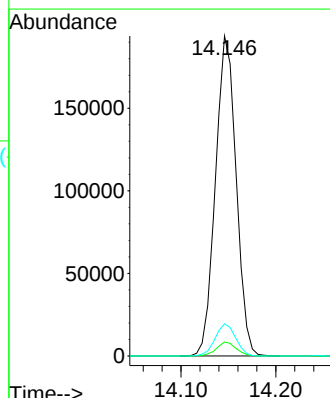
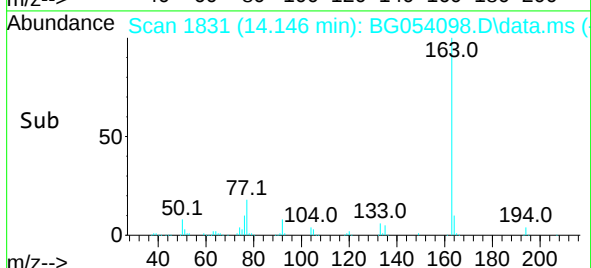
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

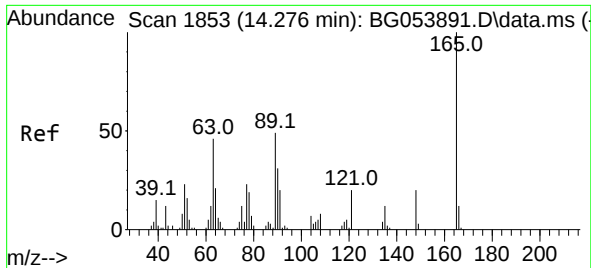


#50
Dimethylphthalate
Concen: 50.954 ng
RT: 14.146 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:163 Resp: 294023
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 56.765 ng
RT: 14.263 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

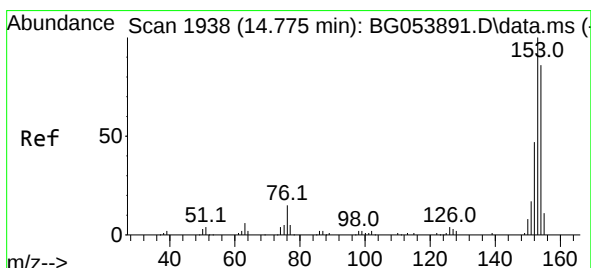
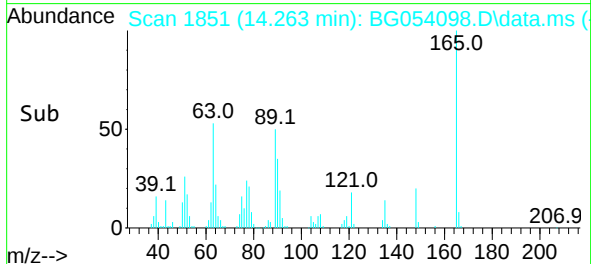
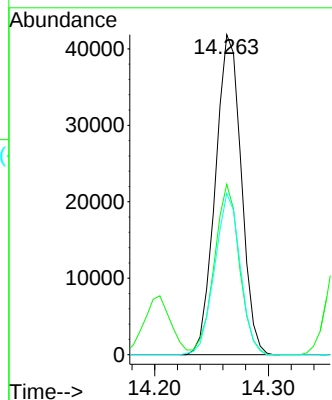
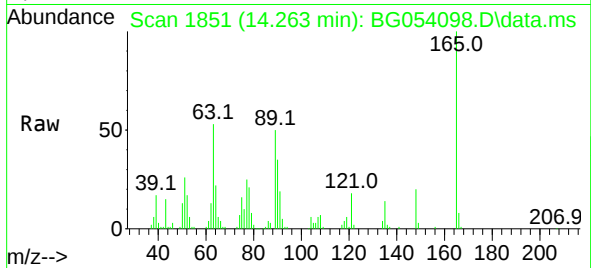
SP-EXC-3MS

Tgt Ion:165 Resp: 66180
Ion Ratio Lower Upper
165 100
63 53.2 54.1 81.1
89 50.4 54.8 82.2

Manual Integrations

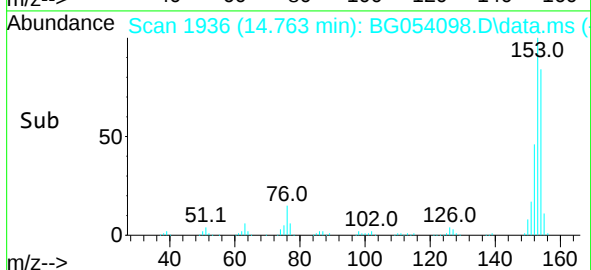
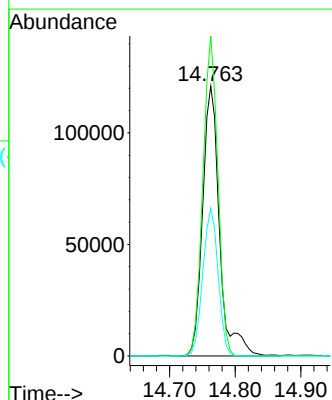
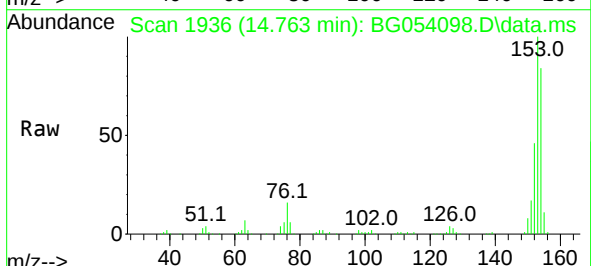
APPROVED

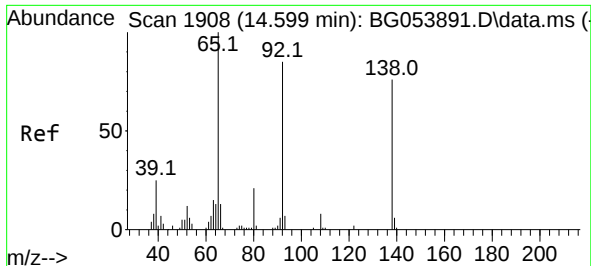
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#52
Acenaphthene
Concen: 51.343 ng
RT: 14.763 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:154 Resp: 217363
Ion Ratio Lower Upper
154 100
153 118.5 92.7 139.1
152 54.8 42.6 64.0





#53
3-Nitroaniline
Concen: 37.391 ng
RT: 14.592 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

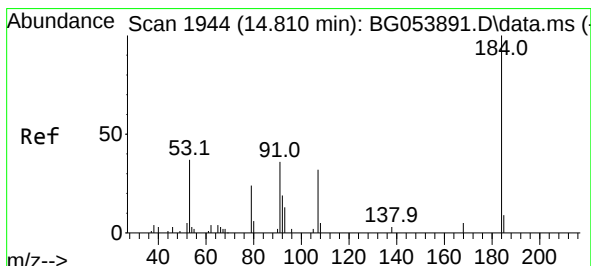
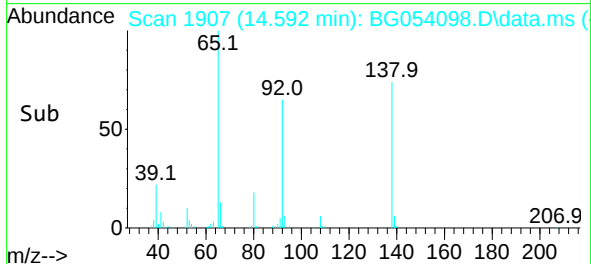
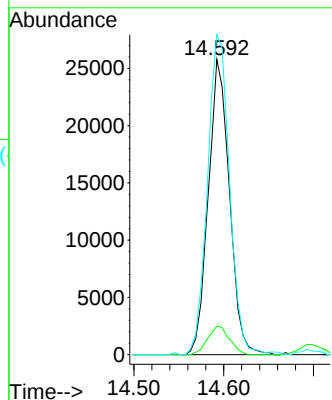
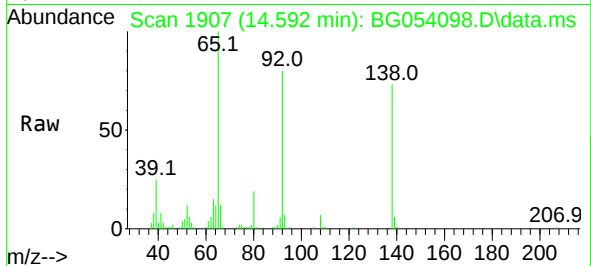
SP-EXC-3MS

Tgt Ion:138 Resp: 4223
Ion Ratio Lower Upper
138 100
108 9.7 9.2 13.8
92 108.4 101.9 152.9

Manual Integrations

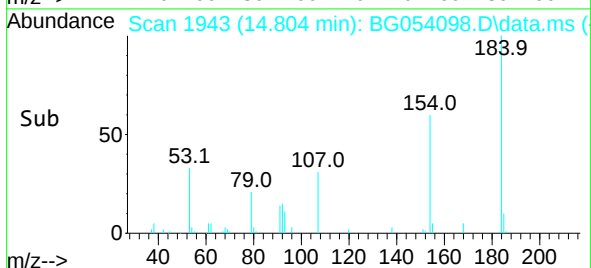
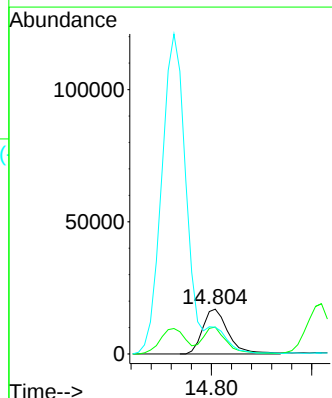
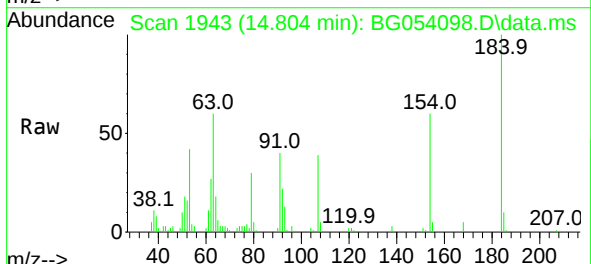
APPROVED

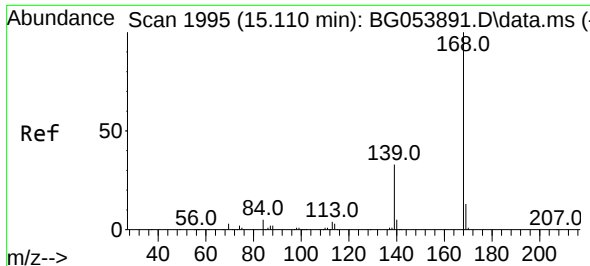
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#54
2,4-Dinitrophenol
Concen: 49.307 ng
RT: 14.804 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

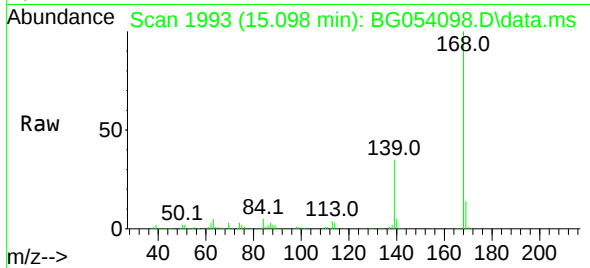
Tgt Ion:184 Resp: 29811
Ion Ratio Lower Upper
184 100
63 60.2 61.1 91.7#
154 59.6 60.6 91.0#





#55
Dibenzofuran
Concen: 49.526 ng
RT: 15.098 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

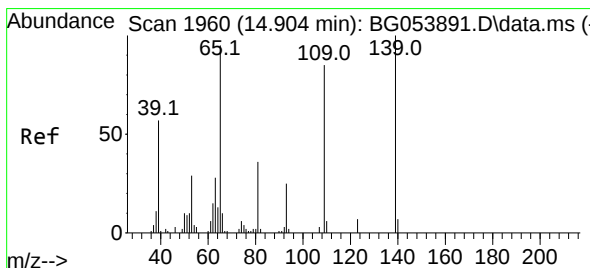
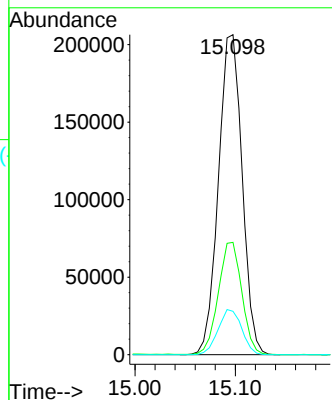
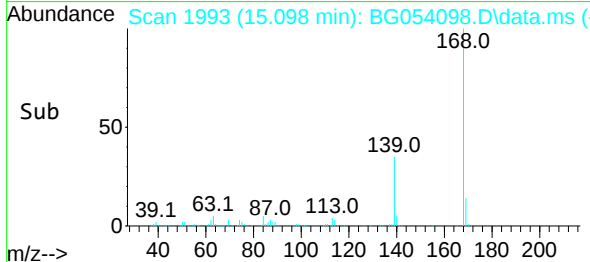
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



Tgt Ion:168 Resp: 337818
Ion Ratio Lower Upper
168 100
139 35.1 30.5 45.7
169 13.6 10.3 15.5

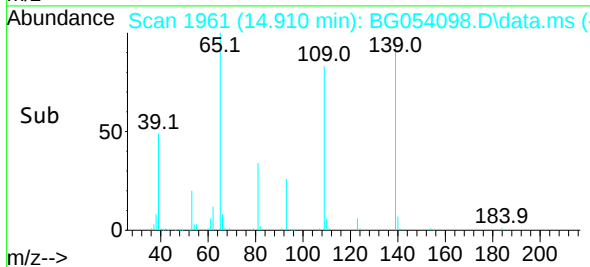
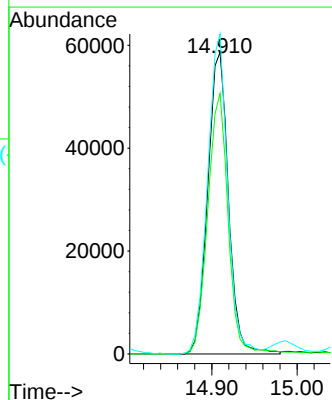
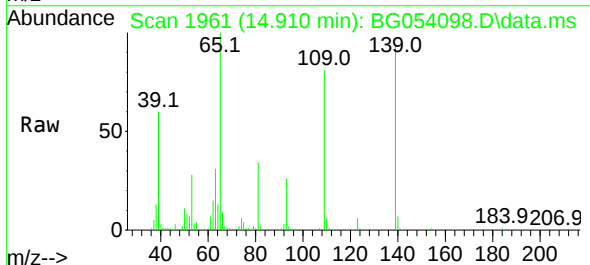
Manual Integrations
APPROVED

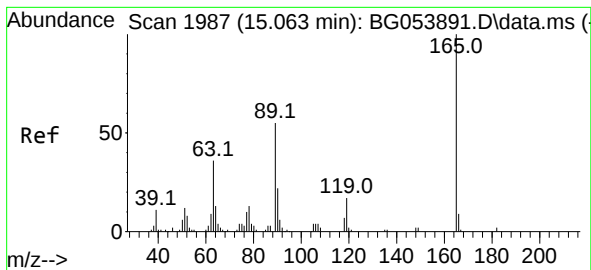
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#56
4-Nitrophenol
Concen: 123.645 ng
RT: 14.910 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:139 Resp: 99151
Ion Ratio Lower Upper
139 100
109 86.4 88.5 128.5#
65 106.1 93.9 133.9





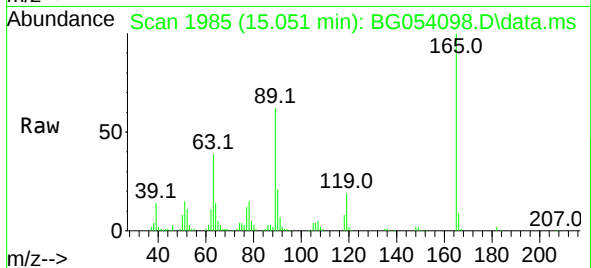
#57
2,4-Dinitrotoluene
Concen: 57.802 ng
RT: 15.051 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

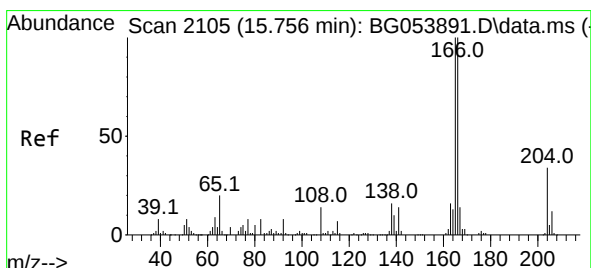
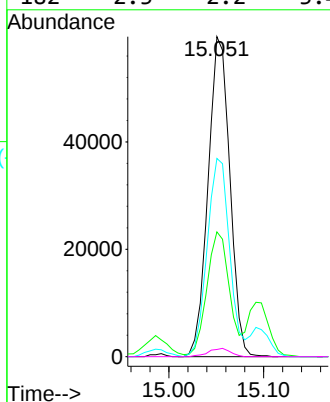
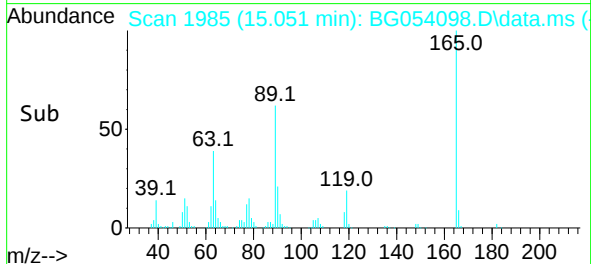


Tgt Ion:165 Resp: 9517
Ion Ratio Lower Upper
165 100
63 39.0 34.6 52.0
89 61.9 60.3 90.5
182 2.3 2.2 3.4

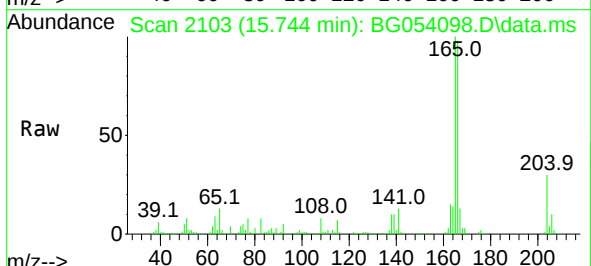
Manual Integrations

APPROVED

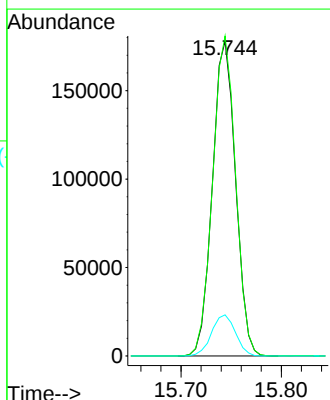
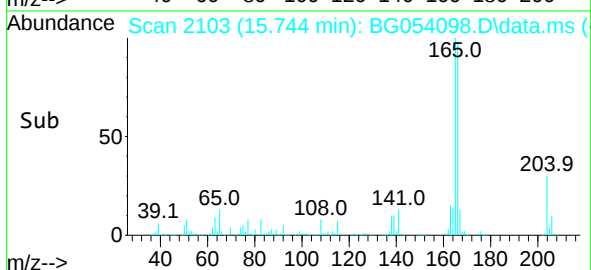
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#58
Fluorene
Concen: 50.853 ng
RT: 15.744 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:166 Resp: 284801
Ion Ratio Lower Upper
166 100
165 101.7 75.0 112.6
167 13.1 10.8 16.2





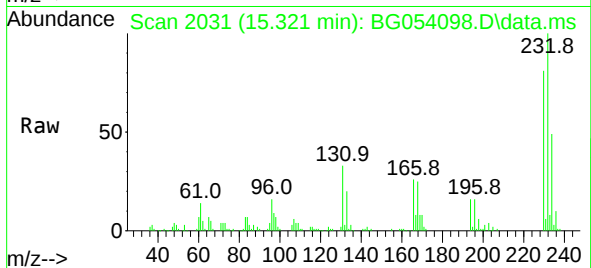
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.449 ng
RT: 15.321 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

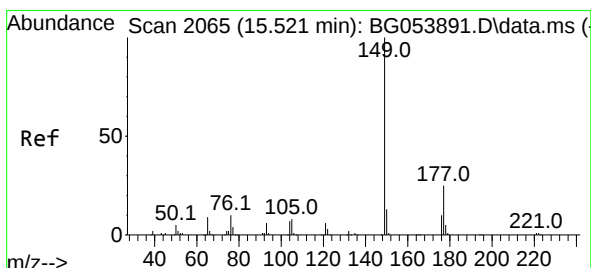
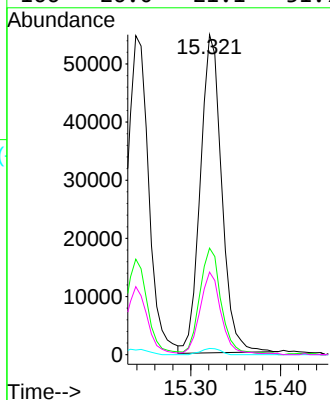
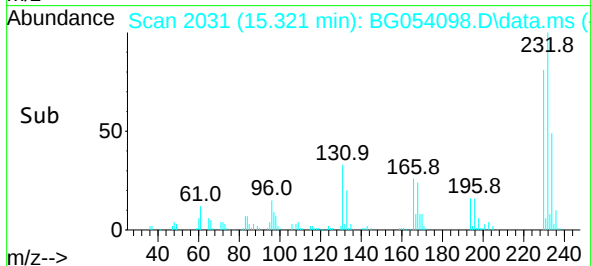


Tgt Ion:232 Resp: 9034
Ion Ratio Lower Upper
232 100
131 33.9 30.6 46.0
130 1.8 1.8 2.8
166 26.0 21.1 31.7

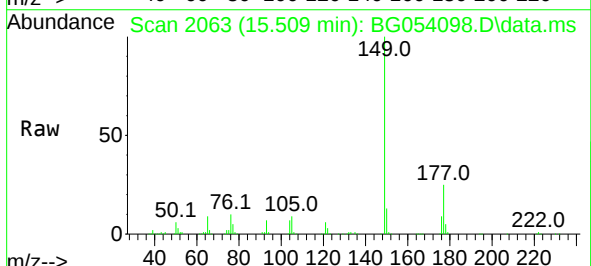
Manual Integrations

APPROVED

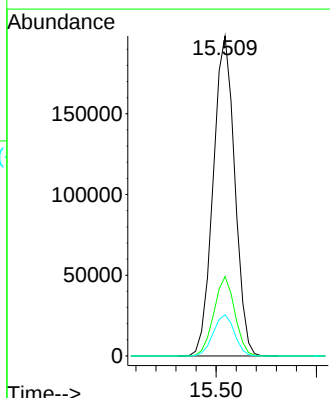
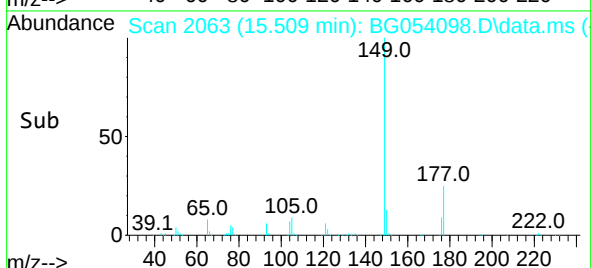
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

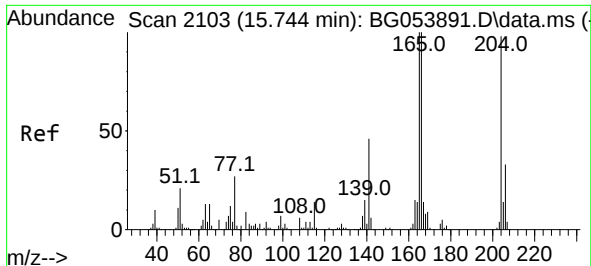


#60
Diethylphthalate
Concen: 52.885 ng
RT: 15.509 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



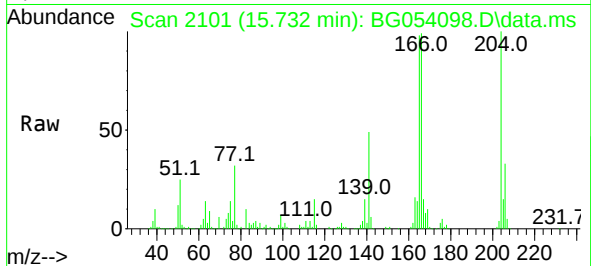
Tgt Ion:149 Resp: 295532
Ion Ratio Lower Upper
149 100
177 24.8 18.4 27.6
150 12.8 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 48.325 ng
RT: 15.732 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

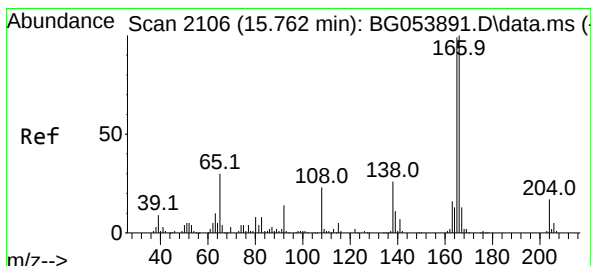
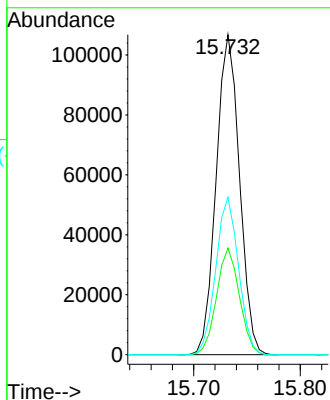
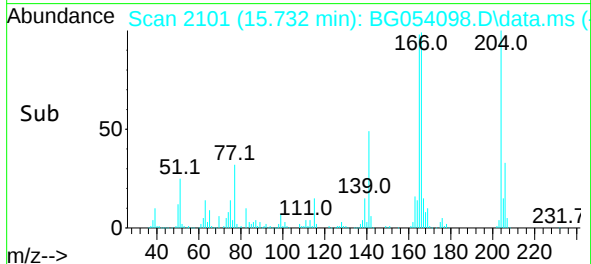
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



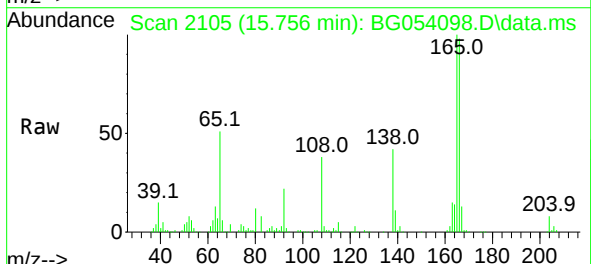
Tgt Ion:204 Resp: 162020
Ion Ratio Lower Upper
204 100
206 33.3 27.5 41.3
141 49.2 45.3 67.9

Manual Integrations
APPROVED

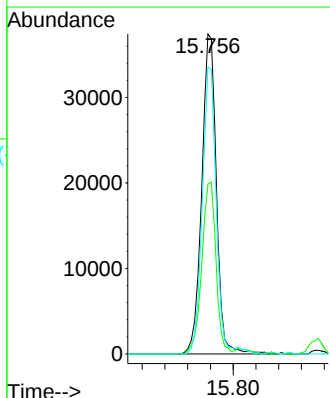
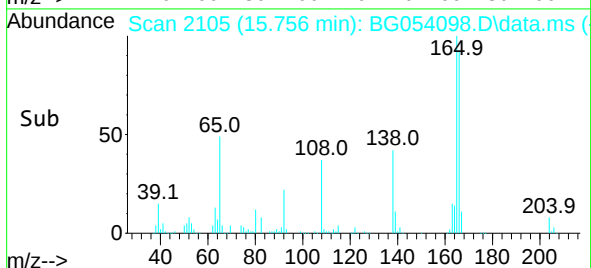
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

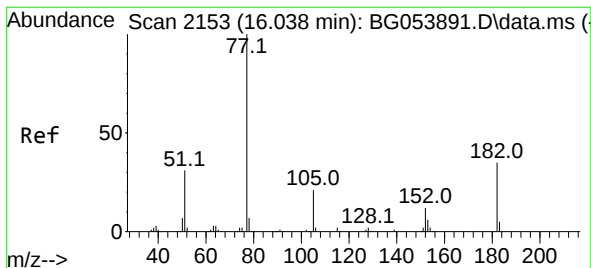


#62
4-Nitroaniline
Concen: 56.585 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:138 Resp: 66652
Ion Ratio Lower Upper
138 100
92 53.1 40.5 80.5
108 89.5 103.7 143.7#





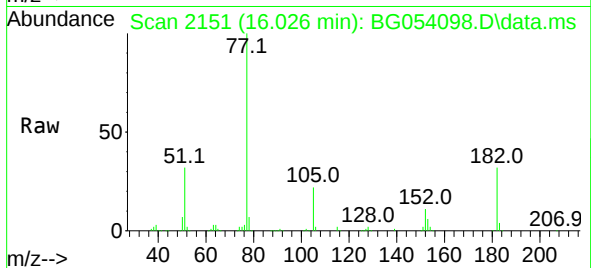
#63
Azobenzene
Concen: 54.887 ng
RT: 16.026 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

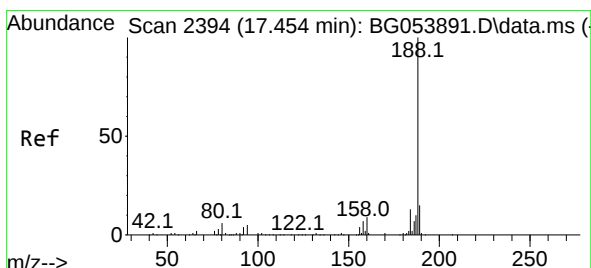
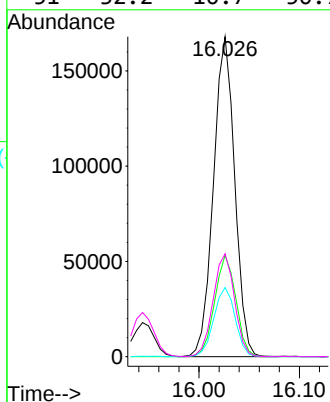
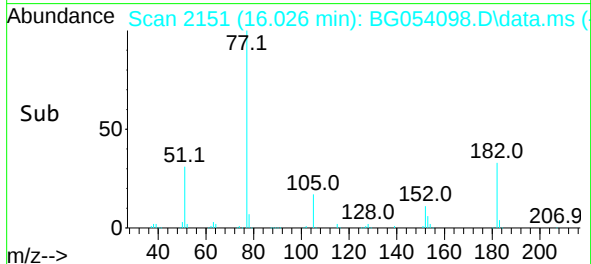


Tgt Ion: 77 Resp: 246890
Ion Ratio Lower Upper
77 100
182 31.7 3.8 43.8
105 21.6 0.0 37.8
51 32.2 10.7 50.7

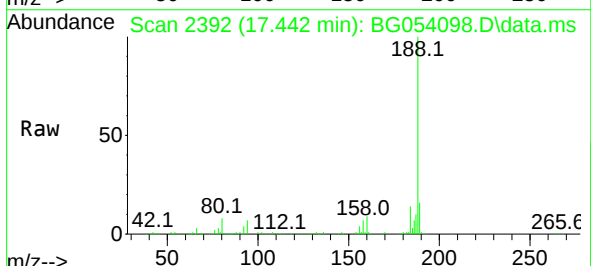
Manual Integrations

APPROVED

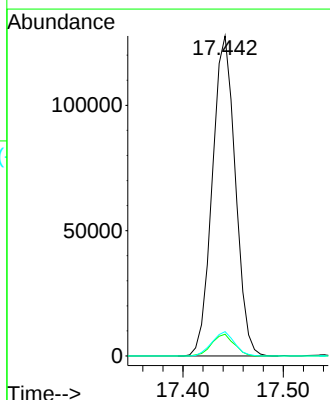
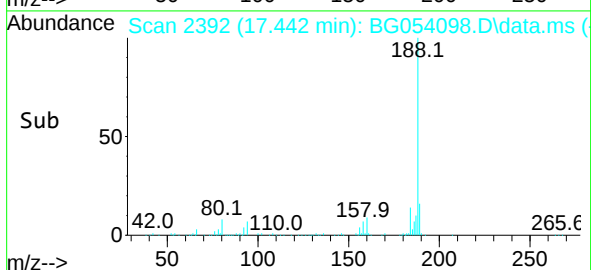
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:188 Resp: 202831
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 36.251 ng
RT: 15.820 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

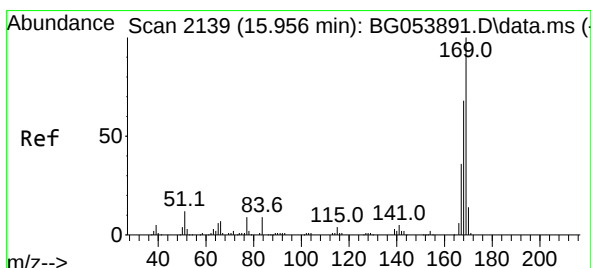
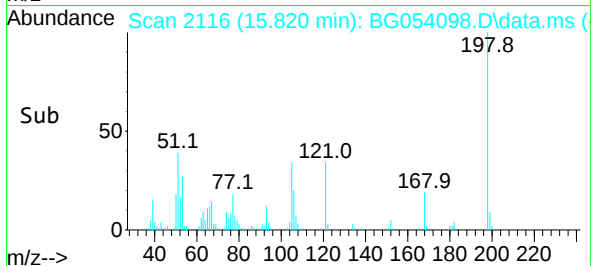
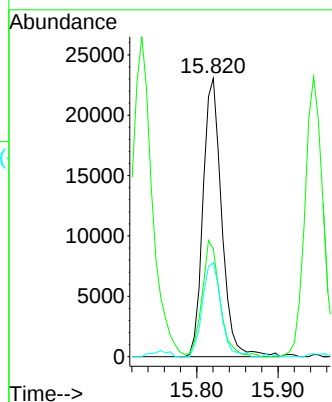
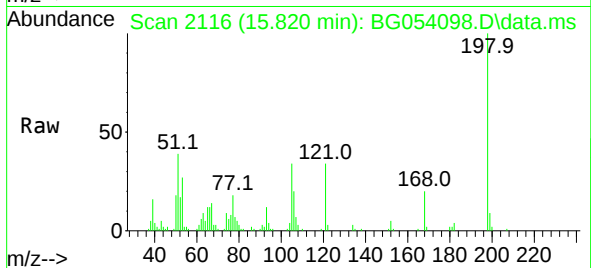
ClientSampleId :

SP-EXC-3MS

Tgt Ion:198 Resp: 3668
Ion Ratio Lower Upper
198 100
51 38.8 28.1 68.1
105 33.8 20.3 60.3

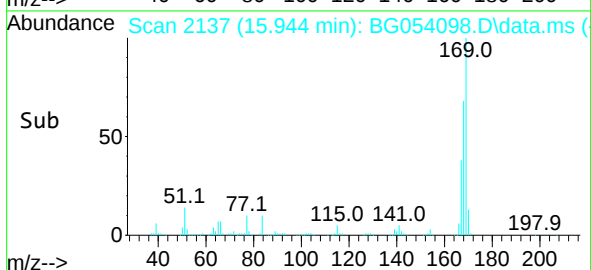
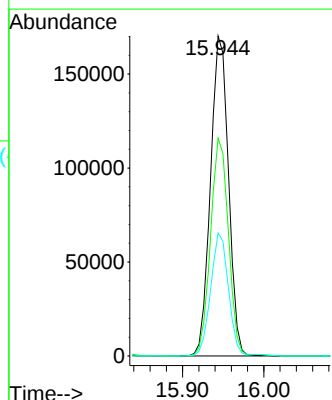
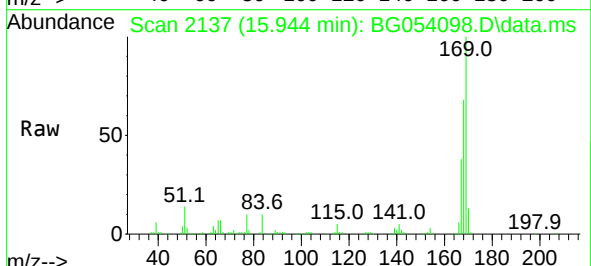
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#66
n-Nitrosodiphenylamine
Concen: 49.434 ng
RT: 15.944 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

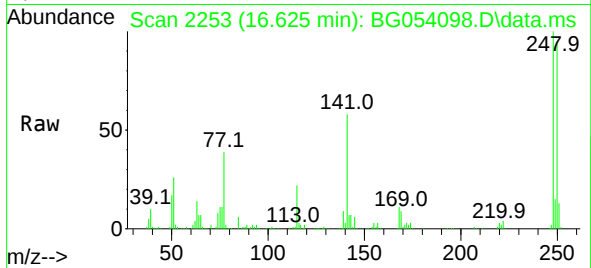
Tgt Ion:169 Resp: 261317
Ion Ratio Lower Upper
169 100
168 68.0 55.9 83.9
167 38.5 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 45.661 ng
RT: 16.625 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

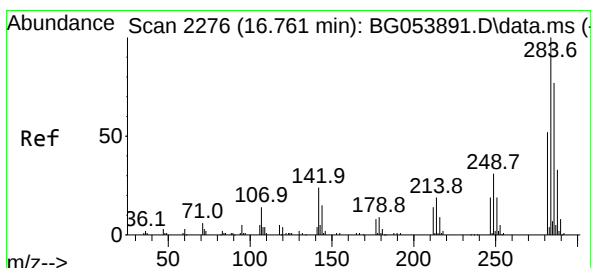
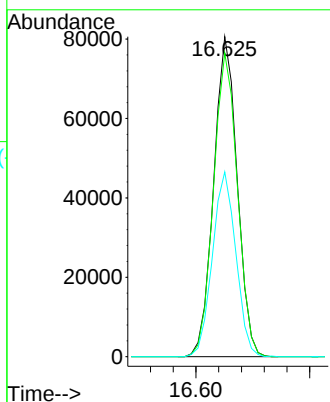
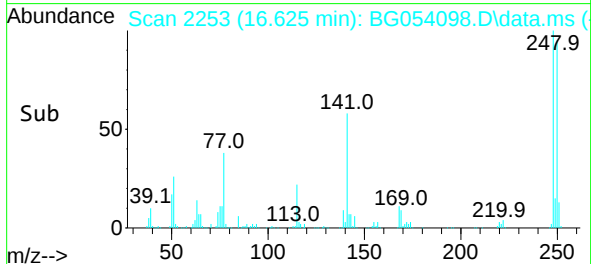
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



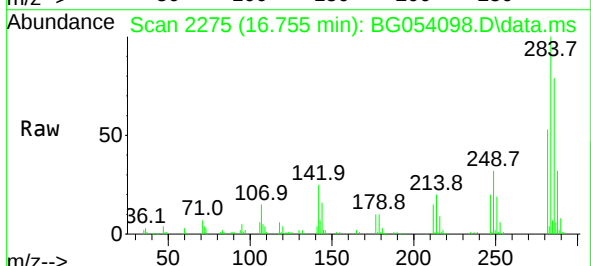
Tgt Ion:248 Resp: 115672
Ion Ratio Lower Upper
248 100
250 94.8 75.2 112.8
141 57.8 50.0 75.0

Manual Integrations
APPROVED

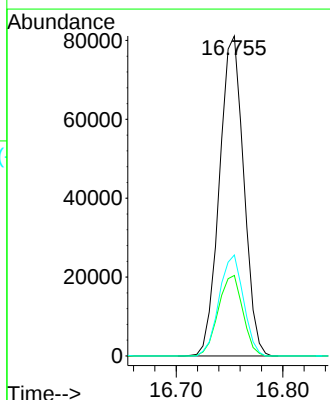
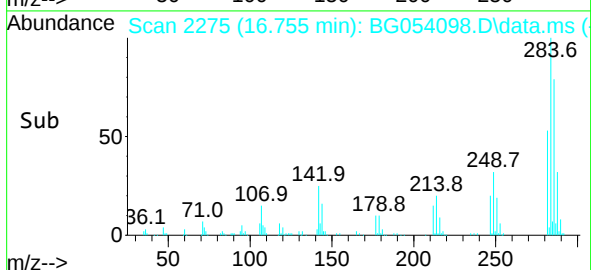
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

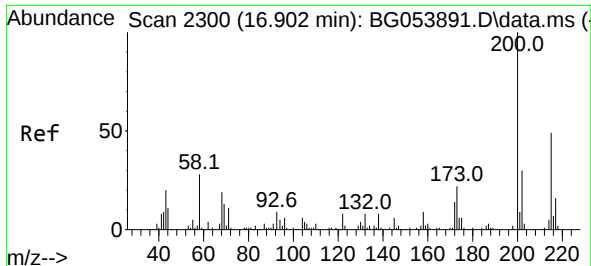


#68
Hexachlorobenzene
Concen: 44.246 ng
RT: 16.755 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:284 Resp: 128214
Ion Ratio Lower Upper
284 100
142 25.2 23.6 35.4
249 33.6 25.8 38.6





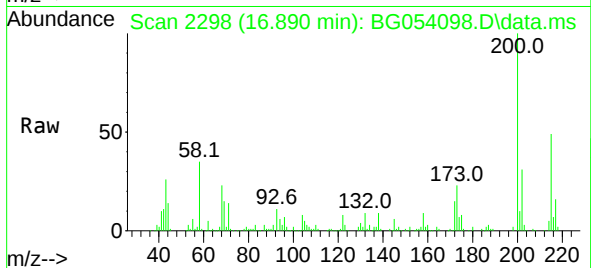
#69
 Atrazine
 Concen: 56.035 ng
 RT: 16.890 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054098.D
 Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

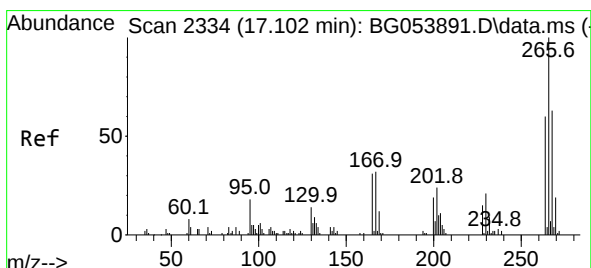
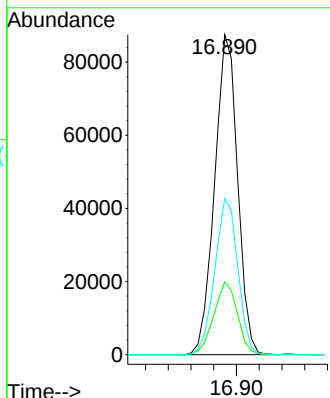
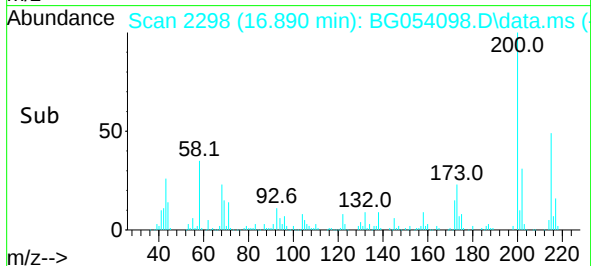


Tgt Ion:200 Resp: 122700
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.7 43.7
 215 48.8 25.2 65.2

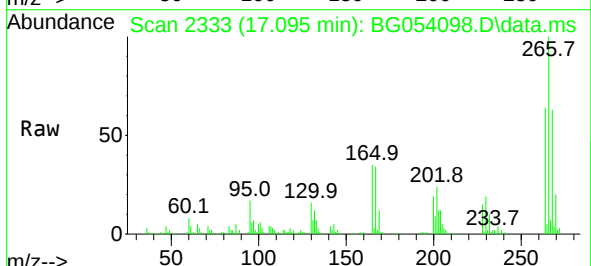
Manual Integrations

APPROVED

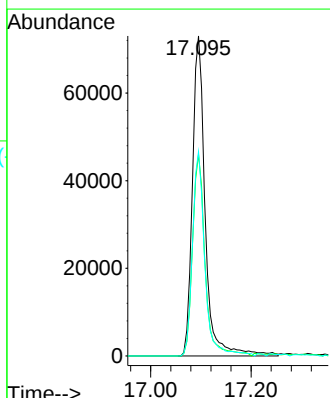
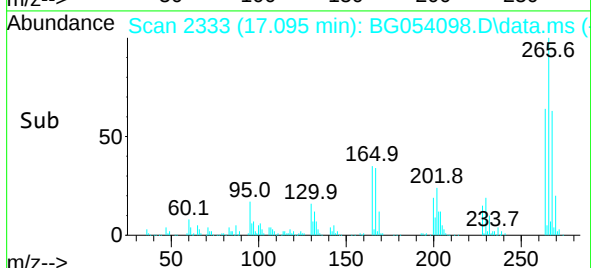
Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/28/2022

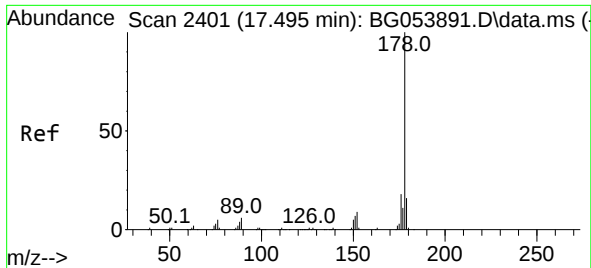


#70
 Pentachlorophenol
 Concen: 95.746 ng
 RT: 17.095 min Scan# 2333
 Delta R.T. 0.000 min
 Lab File: BG054098.D
 Acq: 27 Jun 2022 19:08



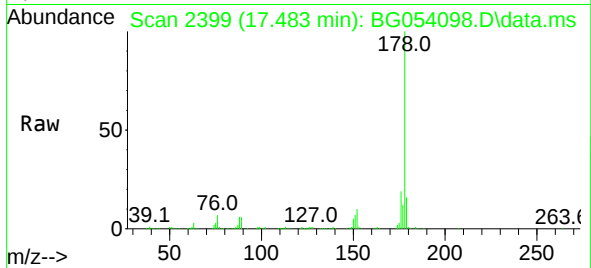
Tgt Ion:266 Resp: 128881
 Ion Ratio Lower Upper
 266 100
 268 67.3 56.2 84.2
 264 68.7 53.0 79.4





#71
Phenanthrene
Concen: 48.900 ng
RT: 17.483 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

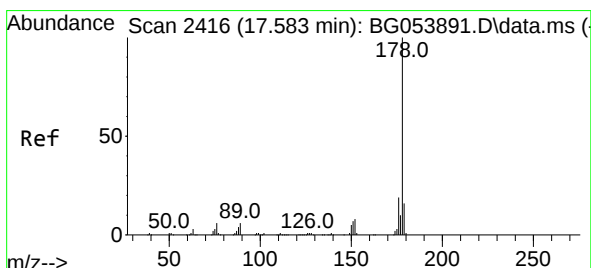
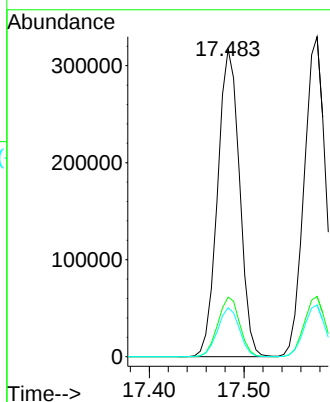
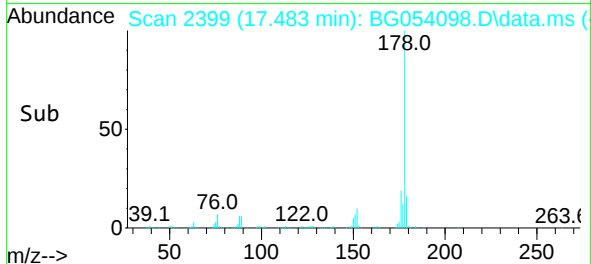
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



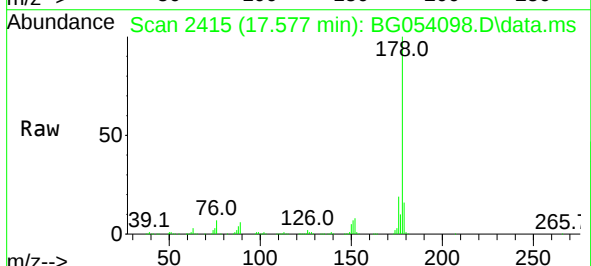
Tgt Ion:178 Resp: 50957
Ion Ratio Lower Upper
178 100
176 19.4 14.1 21.1
179 15.9 12.1 18.1

Manual Integrations
APPROVED

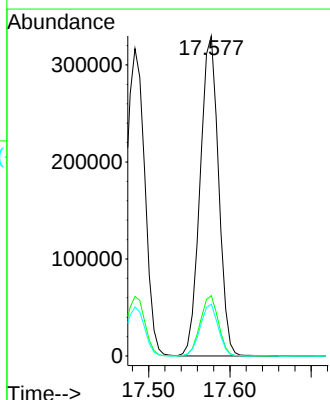
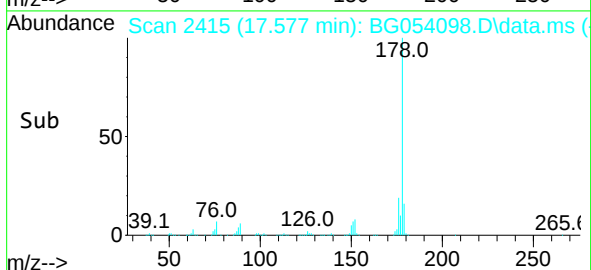
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

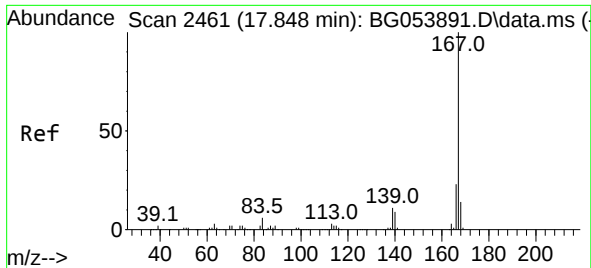


#72
Anthracene
Concen: 51.064 ng
RT: 17.577 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:178 Resp: 519640
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 16.2 13.0 19.4





#73
Carbazole
Concen: 54.642 ng
RT: 17.841 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

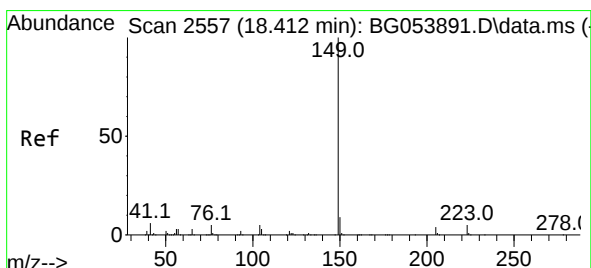
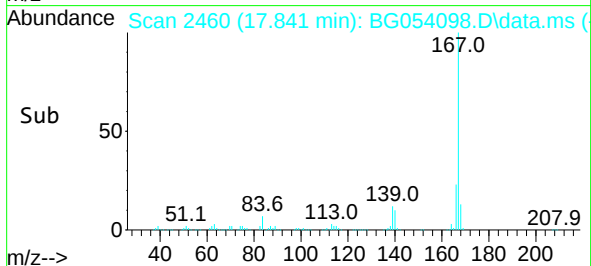
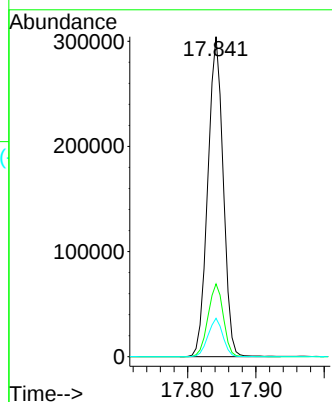
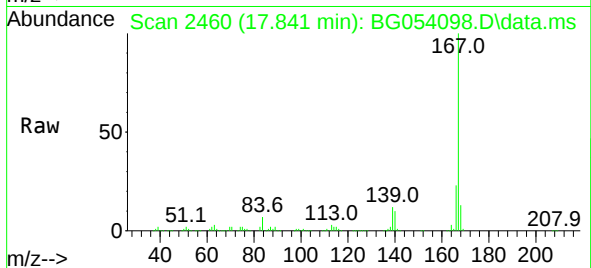
SP-EXC-3MS

Tgt Ion:167 Resp: 477278
Ion Ratio Lower Upper
167 100
166 22.8 18.2 27.2
139 12.0 10.1 15.1

Manual Integrations

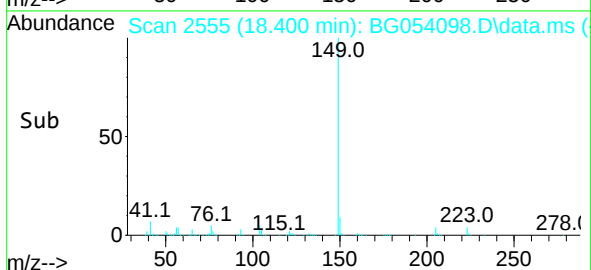
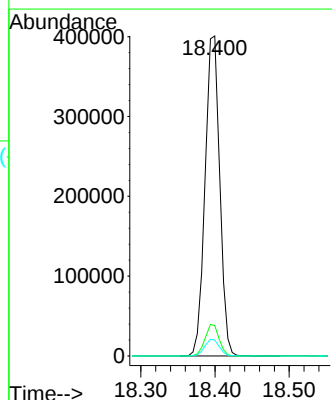
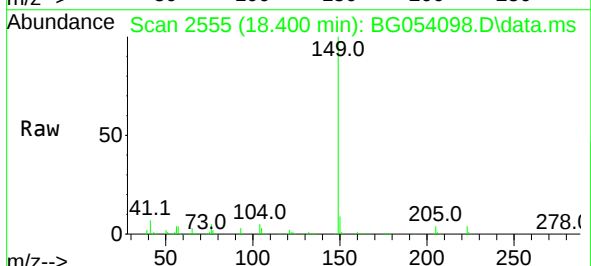
APPROVED

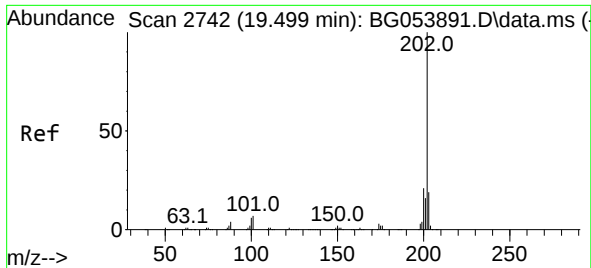
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#74
Di-n-butylphthalate
Concen: 54.652 ng
RT: 18.400 min Scan# 2555
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:149 Resp: 551936
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.0 5.4 8.0#





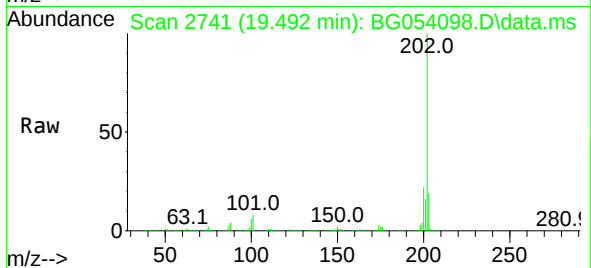
#75
Fluoranthene
Concen: 48.842 ng
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

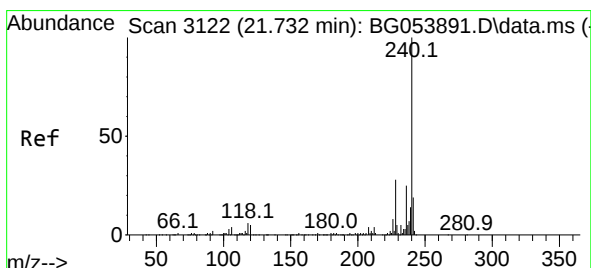
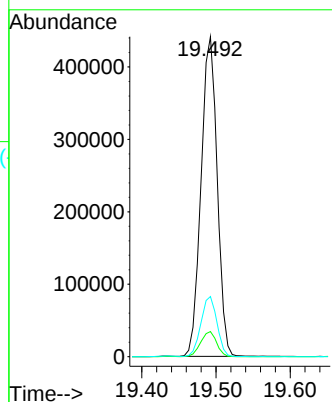
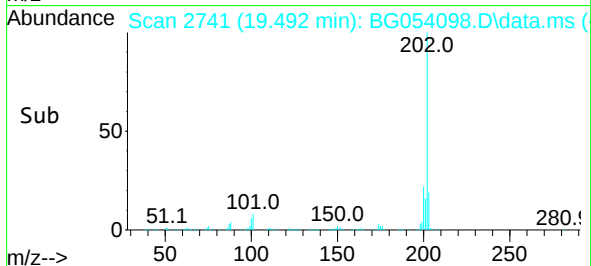


Tgt Ion:202 Resp: 668150
Ion Ratio Lower Upper
202 100
101 7.9 0.0 26.9
203 18.8 0.0 37.2

Manual Integrations

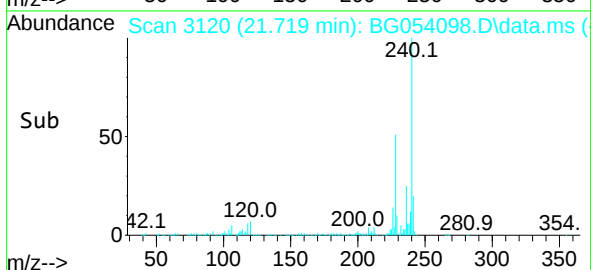
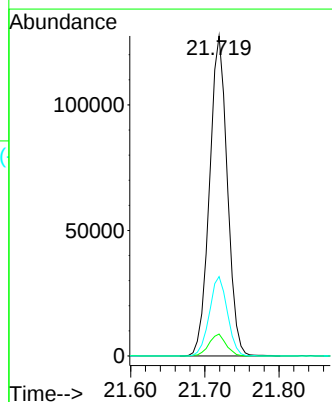
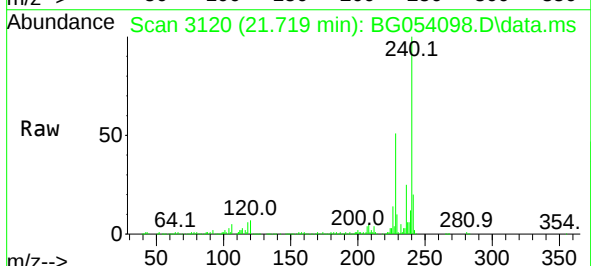
APPROVED

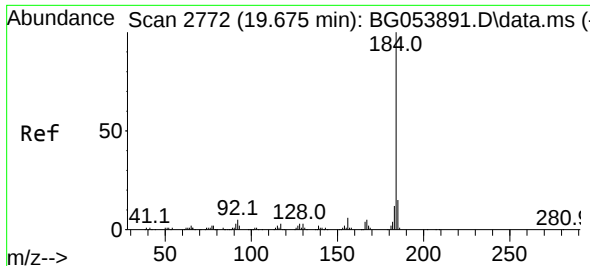
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

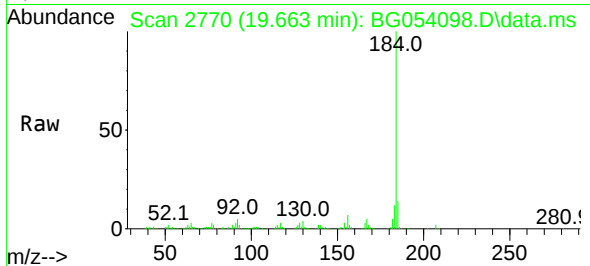
Tgt Ion:240 Resp: 212459
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 24.8 20.2 30.4





#77
Benzidine
Concen: 39.200 ng
RT: 19.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

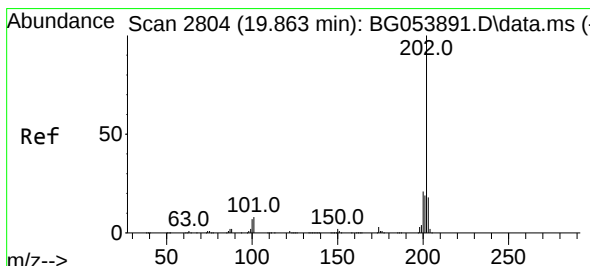
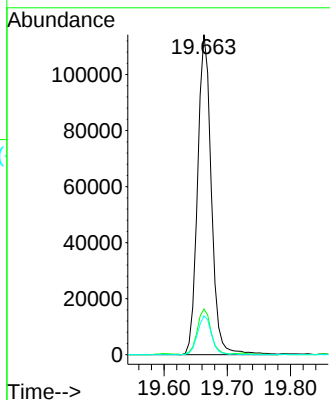
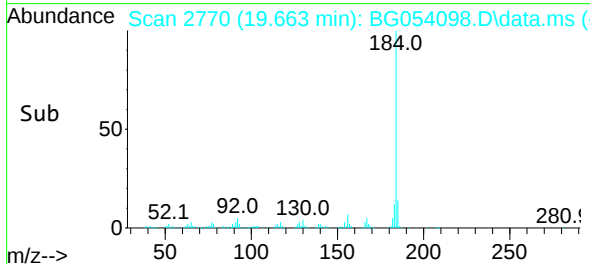
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



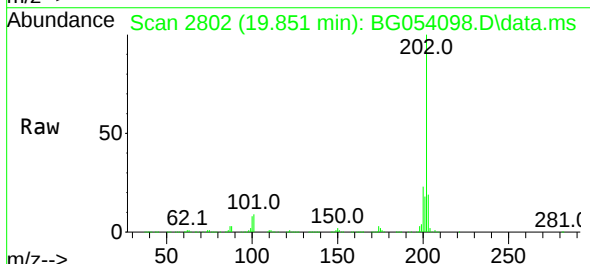
Tgt Ion:184 Resp: 17247
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 12.1 8.9 13.3

Manual Integrations
APPROVED

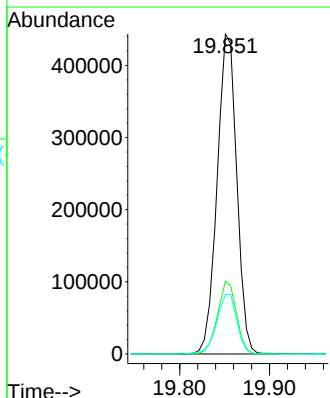
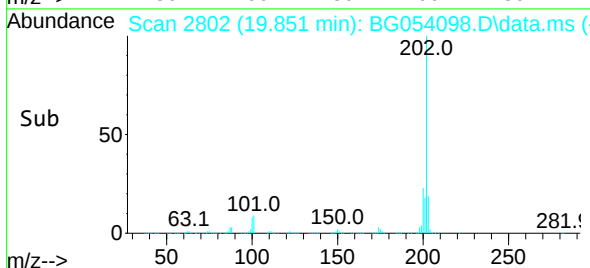
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

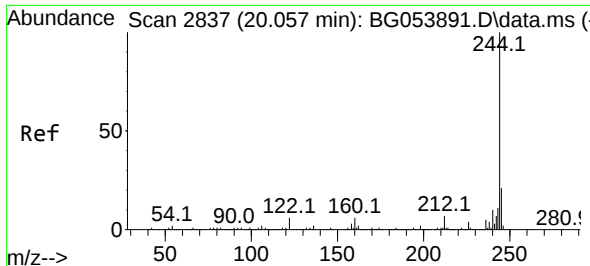


#78
Pyrene
Concen: 52.419 ng
RT: 19.851 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:202 Resp: 672640
Ion Ratio Lower Upper
202 100
200 22.7 16.6 24.8
203 18.6 14.6 21.8





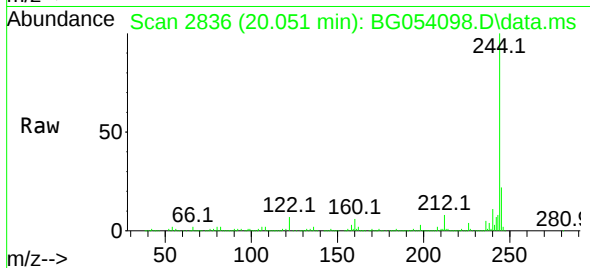
#79
 Terphenyl-d14
 Concen: 100.551 ng
 RT: 20.051 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054098.D
 Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

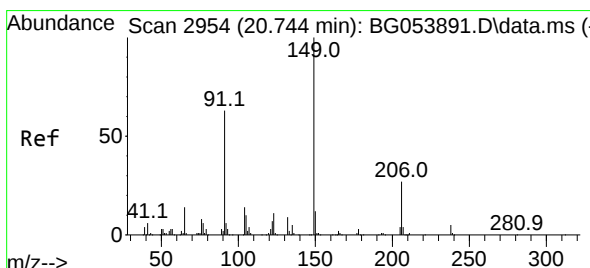
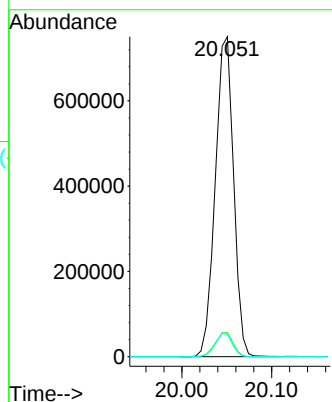
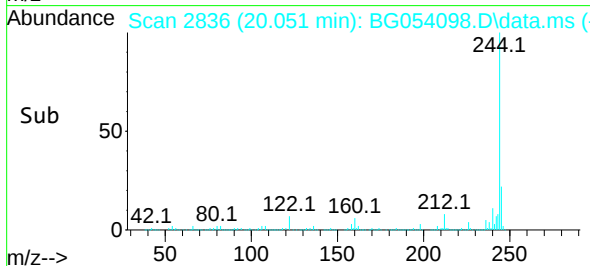


Tgt Ion:244 Resp: 1060680
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.0 5.0 7.4

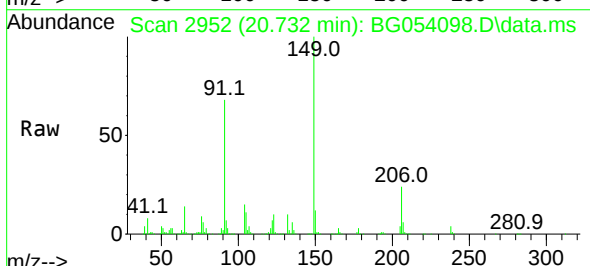
Manual Integrations

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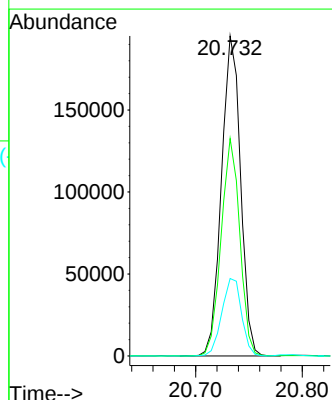
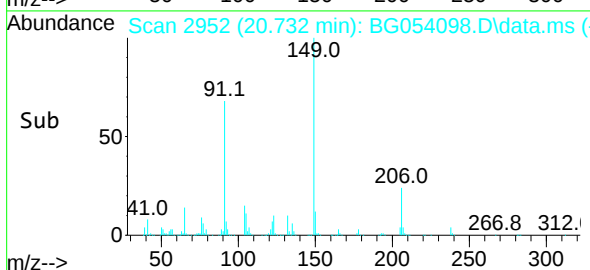
Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/28/2022

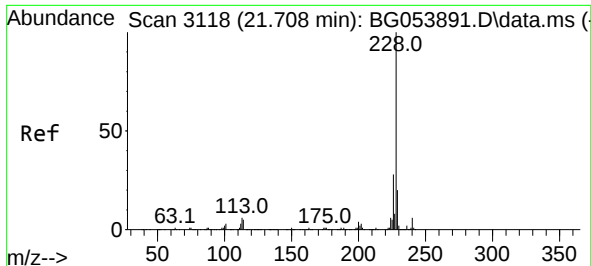


#80
 Butylbenzylphthalate
 Concen: 58.905 ng
 RT: 20.732 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: BG054098.D
 Acq: 27 Jun 2022 19:08



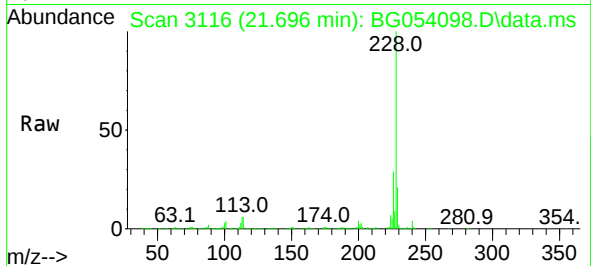
Tgt Ion:149 Resp: 242277
 Ion Ratio Lower Upper
 149 100
 91 68.0 59.6 89.4
 206 24.2 18.6 28.0





#81
Benzo(a)anthracene
Concen: 49.434 ng
RT: 21.696 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

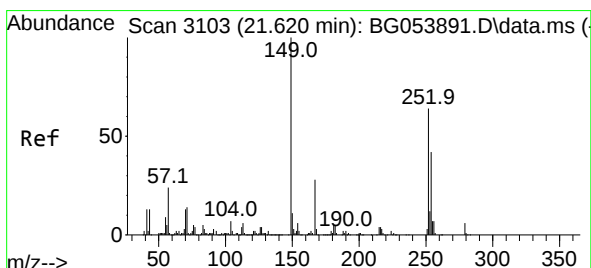
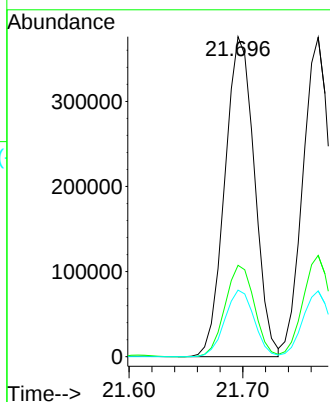
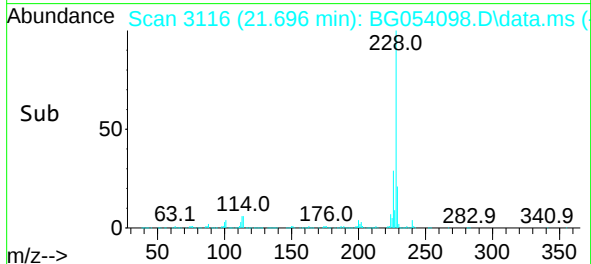
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



Tgt Ion:228 Resp: 680038
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 20.8 16.2 24.2

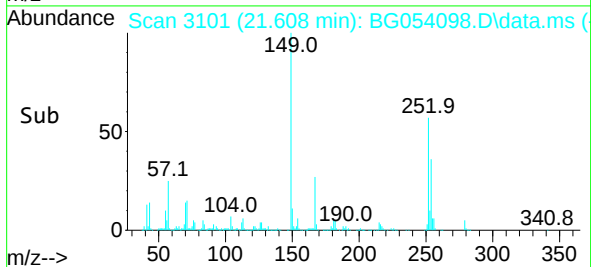
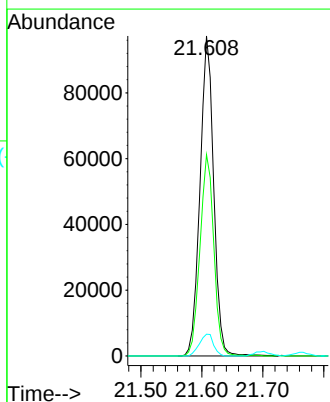
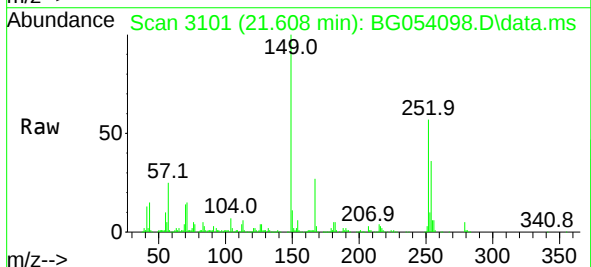
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.945 ng
RT: 21.608 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:252 Resp: 151843
Ion Ratio Lower Upper
252 100
254 62.9 49.8 74.8
126 6.8 6.0 9.0





#83

Chrysene

Concen: 48.055 ng

RT: 21.766 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG054098.D

Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

Tgt Ion:228 Resp: 63013

Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.2

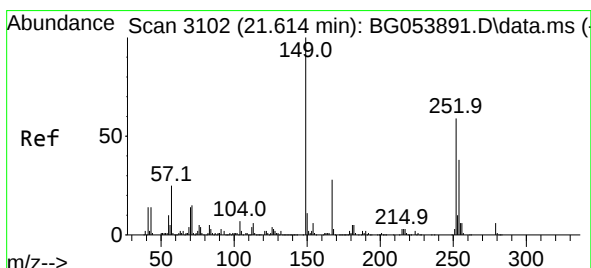
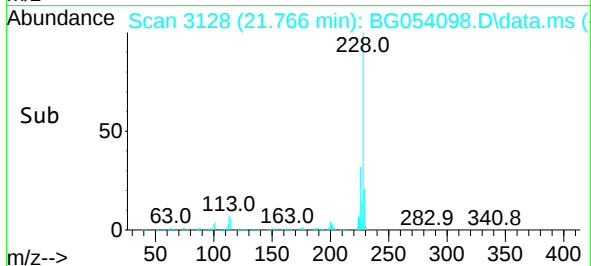
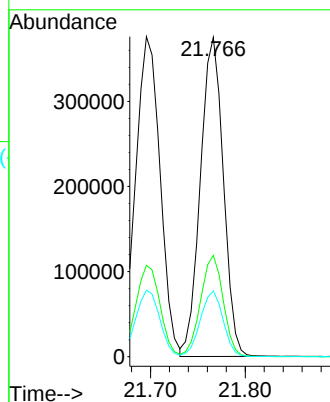
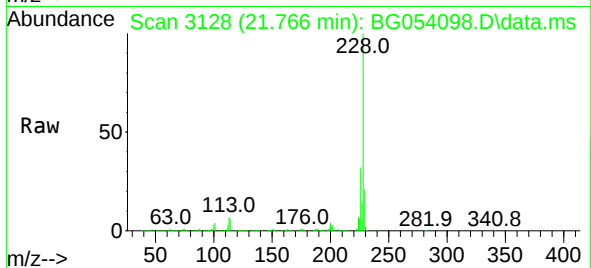
229 20.6 15.5 23.3

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Reviewed By :Christian Giraldo 06/28/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.438 ng

RT: 21.602 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BG054098.D

Acq: 27 Jun 2022 19:08

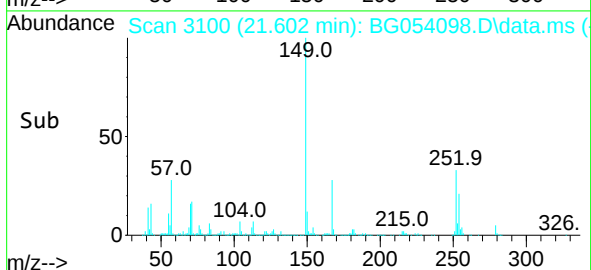
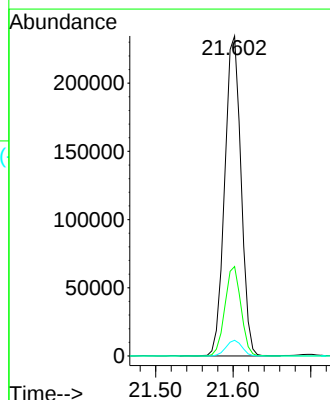
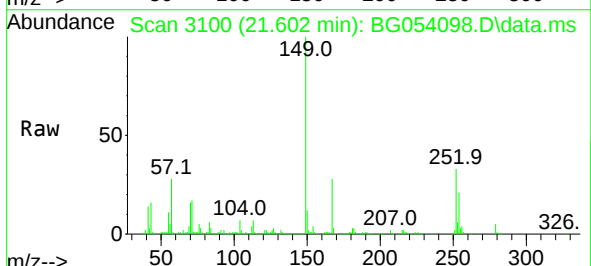
Tgt Ion:149 Resp: 343760

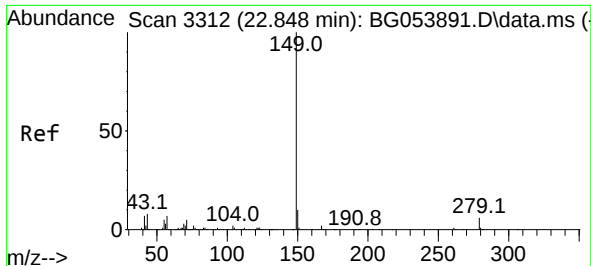
Ion Ratio Lower Upper

149 100

167 27.9 20.2 30.4

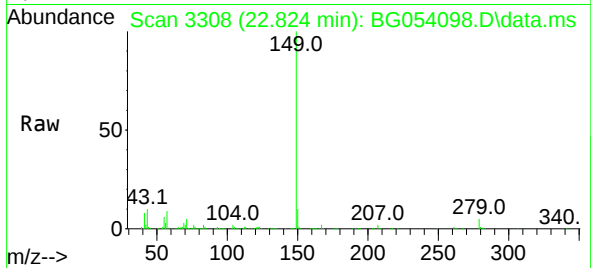
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 58.196 ng
RT: 22.824 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

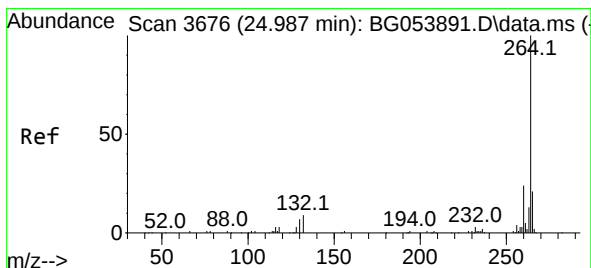
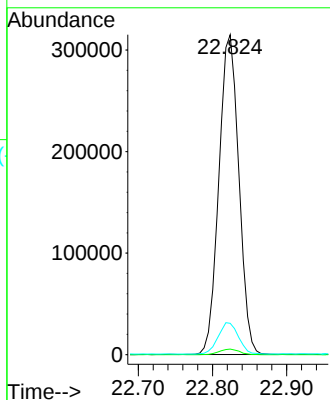
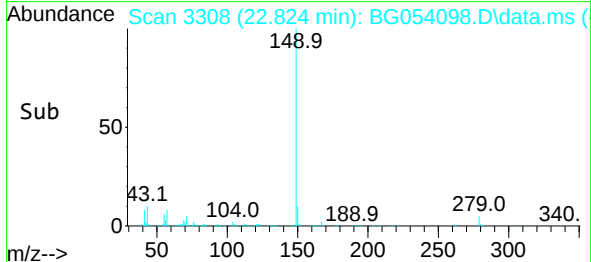
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



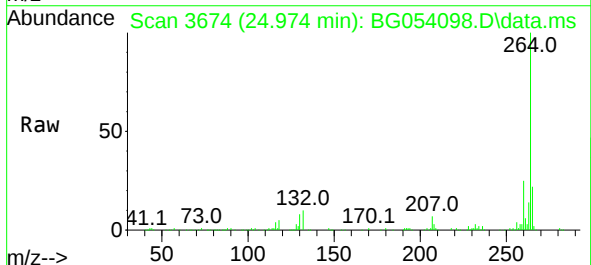
Tgt Ion:149 Resp: 58840
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.0 9.0 13.4

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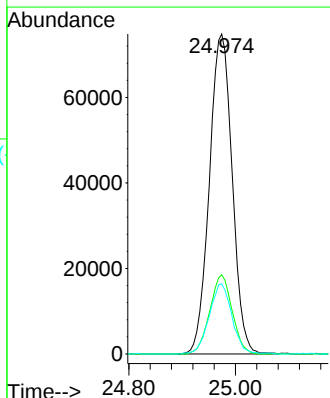
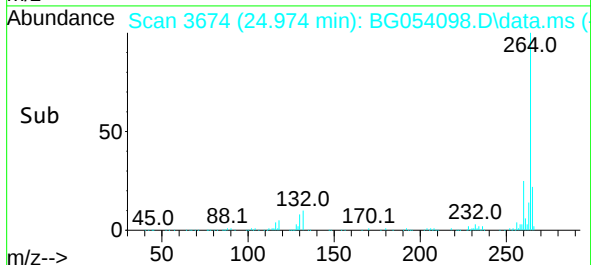
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.974 min Scan# 3674
Delta R.T. 0.012 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



Tgt Ion:264 Resp: 222412
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.6
265 22.0 17.4 26.2





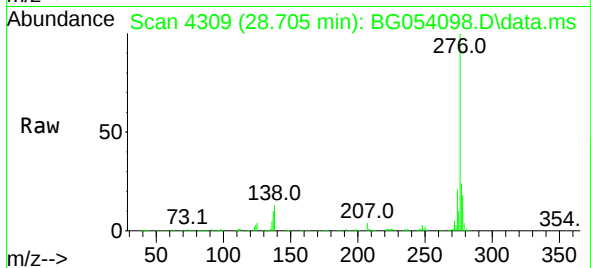
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.738 ng
RT: 28.705 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

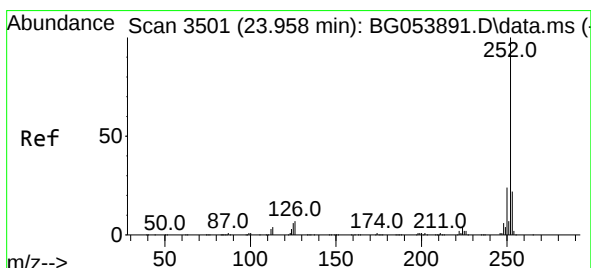
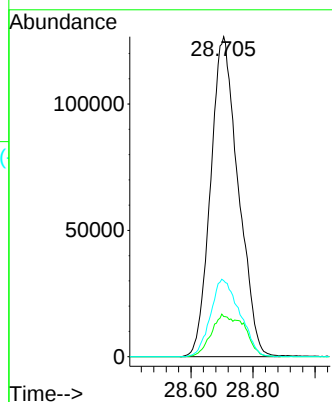
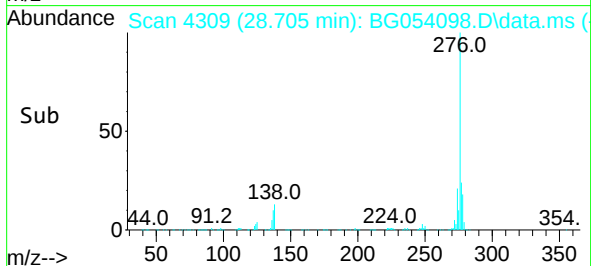


Tgt Ion:276 Resp: 78445
Ion Ratio Lower Upper
276 100
138 9.7 5.0 7.4
277 25.6 20.3 30.5

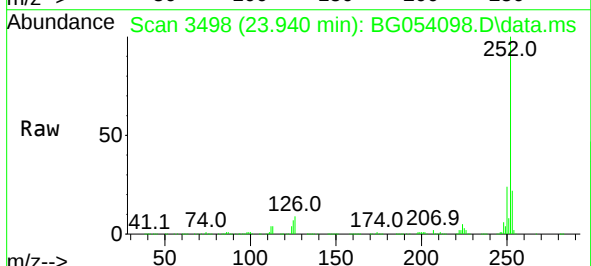
Manual Integrations

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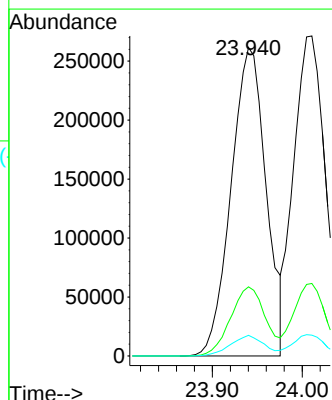
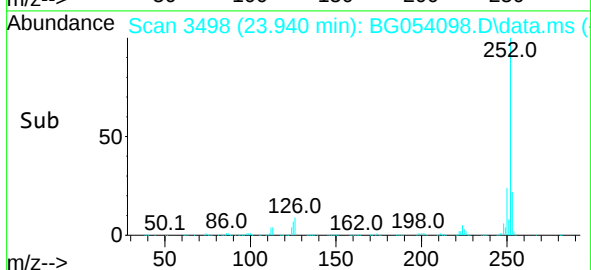
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

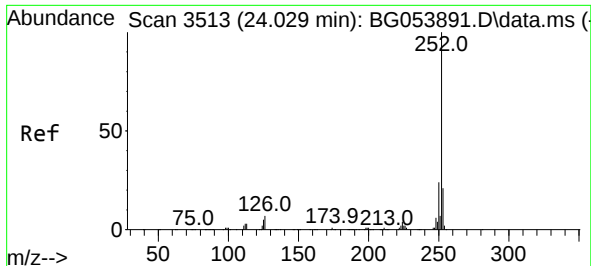


#88
Benzo(b)fluoranthene
Concen: 52.348 ng
RT: 23.940 min Scan# 3498
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08



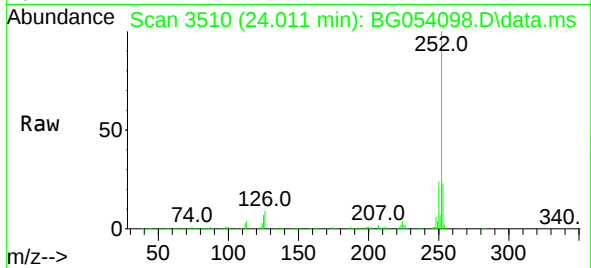
Tgt Ion:252 Resp: 707919
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 6.7 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 49.654 ng
RT: 24.011 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

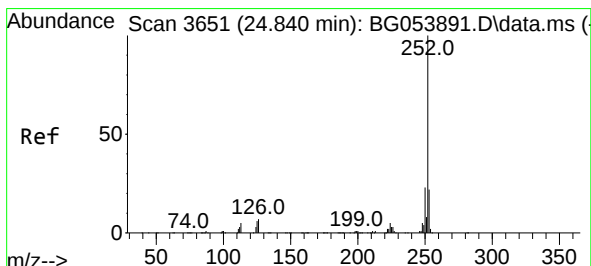
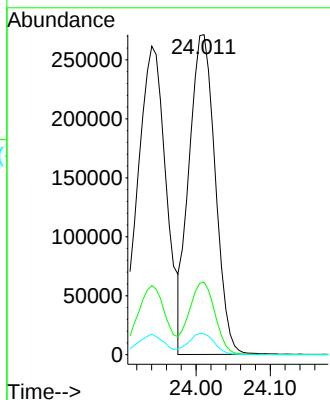
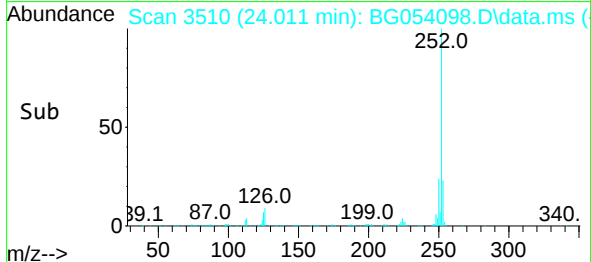
Instrument :
BNA_G
ClientSampleId :
SP-EXC-3MS



Tgt Ion:252 Resp: 664829
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 6.5 4.8 7.2

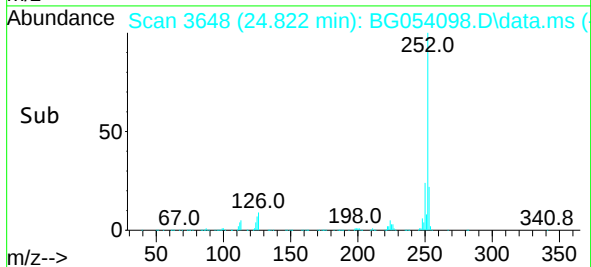
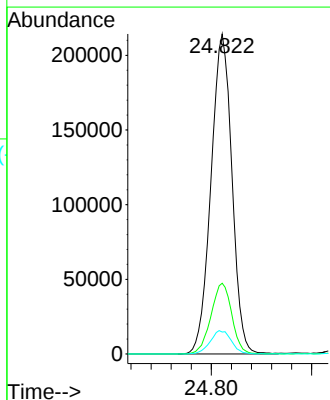
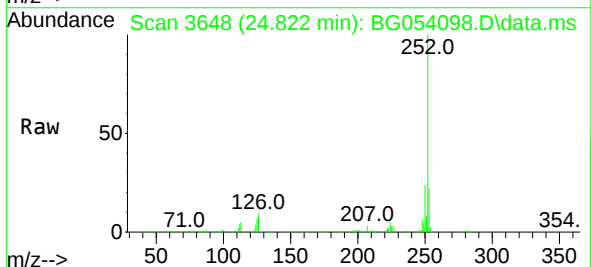
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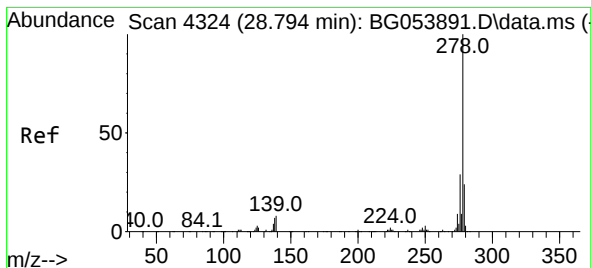
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#90
Benzo(a)pyrene
Concen: 54.406 ng
RT: 24.822 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG054098.D
Acq: 27 Jun 2022 19:08

Tgt Ion:252 Resp: 620773
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.8 4.3 6.5#





#91

Dibenzo(a,h)anthracene

Concen: 48.971 ng

RT: 28.770 min Scan# 41

Delta R.T. 0.024 min

Lab File: BG054098.D

Acq: 27 Jun 2022 19:08

Instrument :

BNA_G

ClientSampleId :

SP-EXC-3MS

Tgt Ion:278 Resp: 67968

Ion Ratio Lower Upper

278 100

139 9.3 7.2 10.8

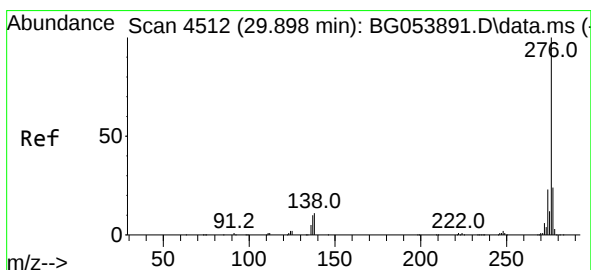
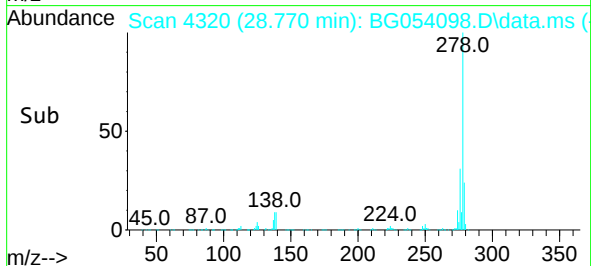
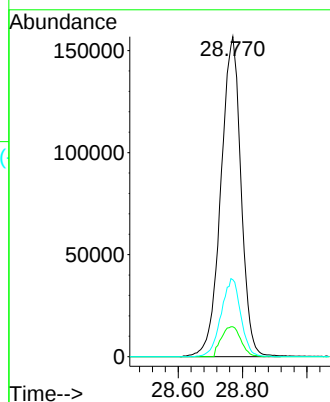
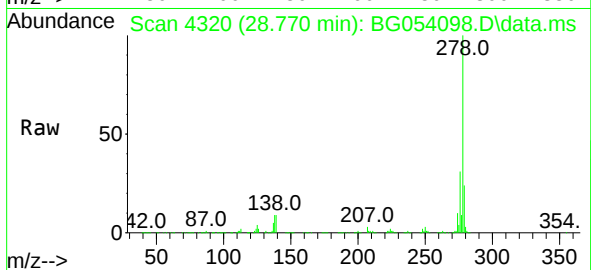
279 24.0 18.6 27.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/28/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#92

Benzo(g,h,i)perylene

Concen: 49.087 ng

RT: 29.880 min Scan# 4509

Delta R.T. 0.018 min

Lab File: BG054098.D

Acq: 27 Jun 2022 19:08

Tgt Ion:276 Resp: 672342

Ion Ratio Lower Upper

276 100

277 24.1 17.3 25.9

138 13.1 9.6 14.4

