

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054076.D
 Acq On : 26 Jun 2022 17:16
 Operator : CG/JU
 Sample : N3488-12MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-16-18-20220623MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 27 00:30:34 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	8.072	152	26536	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	104908	20.000	ng	0.00
39) Acenaphthene-d10	14.694	164	77474	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	197092	20.000	ng	0.00
76) Chrysene-d12	21.715	240	212088	20.000	ng	# 0.00
86) Perylene-d12	24.970	264	219807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	212286	152.951	ng	0.00
7) Phenol-d6	7.232	99	281348	149.428	ng	0.00
23) Nitrobenzene-d5	9.230	82	182427	97.721	ng	0.00
42) 2,4,6-Tribromophenol	16.180	330	152819	122.770	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	467251	87.700	ng	0.00
79) Terphenyl-d14	20.046	244	994855	94.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	26023	42.891	ng	92
3) Pyridine	3.924	79	66744	41.224	ng	91
4) n-Nitrosodimethylamine	3.836	42	39555	55.542	ng	# 93
6) Aniline	7.391	93	64718	28.992	ng	97
8) 2-Chlorophenol	7.637	128	77699	52.430	ng	93
9) Benzaldehyde	7.203	77	52747	47.468	ng	79
10) Phenol	7.261	94	102092	53.503	ng	94
11) bis(2-Chloroethyl)ether	7.485	93	73646	50.284	ng	95
12) 1,3-Dichlorobenzene	7.960	146	87081	46.895	ng	91
13) 1,4-Dichlorobenzene	8.107	146	86872	46.572	ng	97
14) 1,2-Dichlorobenzene	8.431	146	85494	47.744	ng	95
15) Benzyl Alcohol	8.307	79	73527	52.250	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.595	45	121415	55.455	ng	99
17) 2-Methylphenol	8.513	107	69000	52.054	ng	# 91
18) Hexachloroethane	9.159	117	29947	48.395	ng	86
19) n-Nitroso-di-n-propyla...	8.871	70	61252	48.423	ng	91
20) 3+4-Methylphenols	8.842	107	93058	50.060	ng	94
22) Acetophenone	8.889	105	118647	46.528	ng	# 97
24) Nitrobenzene	9.277	77	89526	48.700	ng	# 88
25) Isophorone	9.794	82	167113	47.931	ng	97
26) 2-Nitrophenol	9.988	139	42997	52.954	ng	# 82
27) 2,4-Dimethylphenol	10.046	122	74459	56.656	ng	91
28) bis(2-Chloroethoxy)met...	10.275	93	99568	53.011	ng	98
29) 2,4-Dichlorophenol	10.528	162	85774	48.678	ng	90
30) 1,2,4-Trichlorobenzene	10.740	180	88859	40.727	ng	98
31) Naphthalene	10.928	128	237248	44.797	ng	100
32) Benzoic acid	10.205	122	31672	53.596	ng	# 81
33) 4-Chloroaniline	11.033	127	32847	14.950	ng	94
34) Hexachlorobutadiene	11.221	225	65791	39.221	ng	99
35) Caprolactam	11.797	113	26043m	53.688	ng	
36) 4-Chloro-3-methylphenol	12.156	107	85124	49.696	ng	86
37) 2-Methylnaphthalene	12.532	142	172545	44.035	ng	95
38) 1-Methylnaphthalene	12.749	142	166010	43.512	ng	95
40) 1,2,4,5-Tetrachloroben...	12.902	216	119103	39.897	ng	98
41) Hexachlorocyclopentadiene	12.884	237	146044	105.063	ng	98
43) 2,4,6-Trichlorophenol	13.137	196	76403	45.562	ng	98

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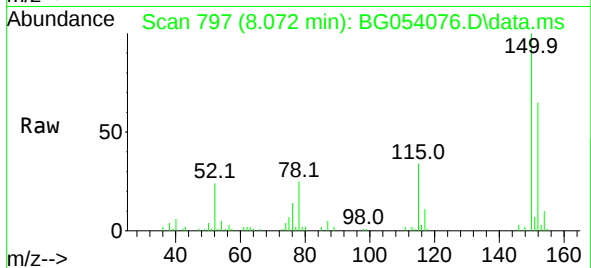
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.207	196	86006	45.935	ng	95
46) 1,1'-Biphenyl	13.530	154	246262	45.633	ng	99
47) 2-Chloronaphthalene	13.577	162	193274	44.254	ng	97
48) 2-Nitroaniline	13.771	65	60012	51.656	ng	90
49) Acenaphthylene	14.418	152	307614	45.296	ng	99
50) Dimethylphthalate	14.147	163	261724	44.358	ng	100
51) 2,6-Dinitrotoluene	14.265	165	58370	48.964	ng	# 76
52) Acenaphthene	14.758	154	222801m	51.468	ng	
53) 3-Nitroaniline	14.594	138	26438	22.891	ng	94
54) 2,4-Dinitrophenol	14.800	184	69795	103.805	ng	# 85
55) Dibenzofuran	15.093	168	310348	44.497	ng	94
56) 4-Nitrophenol	14.905	139	96002	117.081	ng	# 83
57) 2,4-Dinitrotoluene	15.052	165	84356	50.105	ng	89
58) Fluorene	15.745	166	254380	44.421	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.322	232	79008	43.149	ng	95
60) Diethylphthalate	15.505	149	261662	45.793	ng	99
61) 4-Chlorophenyl-phenyle...	15.734	204	144350	42.105	ng	91
62) 4-Nitroaniline	15.757	138	57041	47.359	ng	# 78
63) Azobenzene	16.028	77	229193	49.830	ng	94
65) 4,6-Dinitro-2-methylph...	15.816	198	49400	50.239	ng	90
66) n-Nitrosodiphenylamine	15.945	169	232670	45.296	ng	97
67) 4-Bromophenyl-phenylether	16.627	248	101935	41.410	ng	97
68) Hexachlorobenzene	16.750	284	110198	39.136	ng	95
69) Atrazine	16.891	200	107374	50.461	ng	96
70) Pentachlorophenol	17.091	266	125405	95.877	ng	98
71) Phenanthrene	17.485	178	450924	44.531	ng	99
72) Anthracene	17.573	178	459887	46.508	ng	99
73) Carbazole	17.837	167	418422	49.298	ng	99
74) Di-n-butylphthalate	18.395	149	487083	49.634	ng	# 97
75) Fluoranthene	19.488	202	598109	44.995	ng	96
77) Benzidine	19.670	184	261637	59.570	ng	99
78) Pyrene	19.852	202	595456	46.485	ng	98
80) Butylbenzylphthalate	20.734	149	212085	51.654	ng	92
81) Benzo(a)anthracene	21.697	228	616529	44.896	ng	99
82) 3,3'-Dichlorobenzidine	21.609	252	166976	40.698	ng	97
83) Chrysene	21.762	228	565980	43.239	ng	97
84) Bis(2-ethylhexyl)phtha...	21.603	149	311076	52.974	ng	95
85) Di-n-octyl phthalate	22.825	149	535788	53.085	ng	97
87) Indeno(1,2,3-cd)pyrene	28.683	276	716283	43.182	ng	99
88) Benzo(b)fluoranthene	23.936	252	633744	47.419	ng	99
89) Benzo(k)fluoranthene	24.006	252	604544	45.687	ng	99
90) Benzo(a)pyrene	24.817	252	563068	49.934	ng	# 98
91) Dibenzo(a,h)anthracene	28.760	278	613454	44.723	ng	97
92) Benzo(g,h,i)perylene	29.858	276	614067	45.364	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.072 min Scan# 74
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

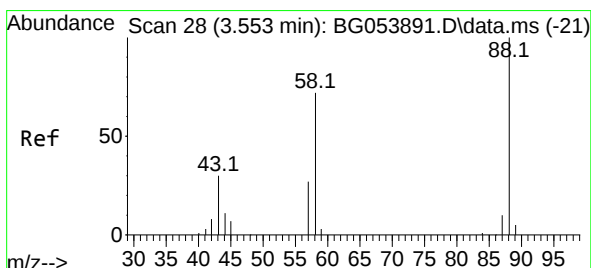
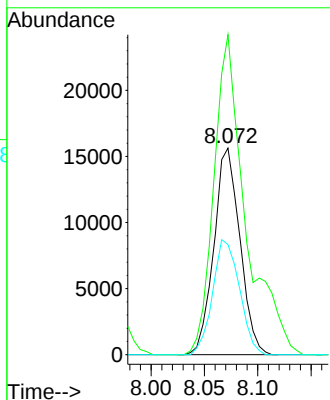
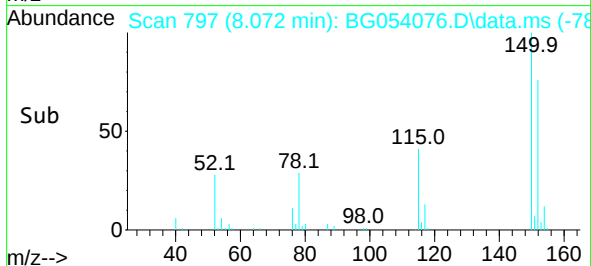
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:152 Resp: 26530
Ion Ratio Lower Upper
152 100
150 154.9 131.6 197.4
115 53.3 50.9 76.3

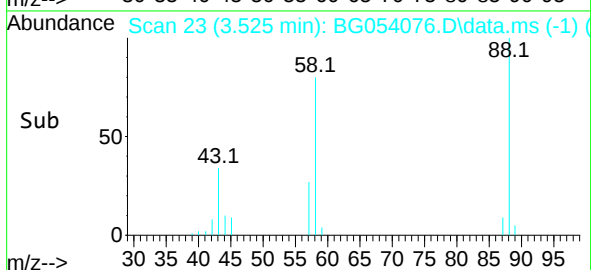
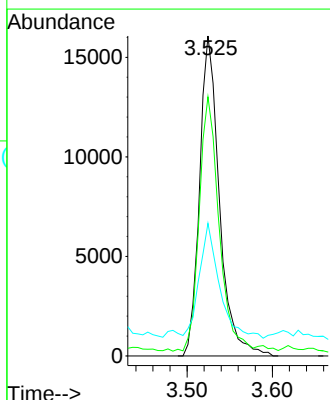
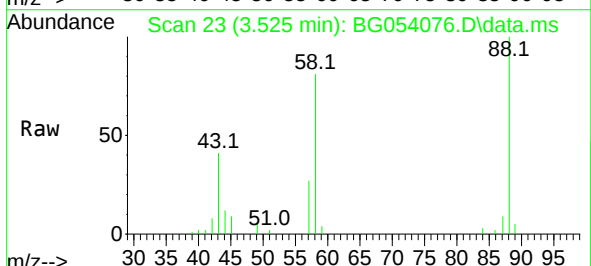
Manual Integrations
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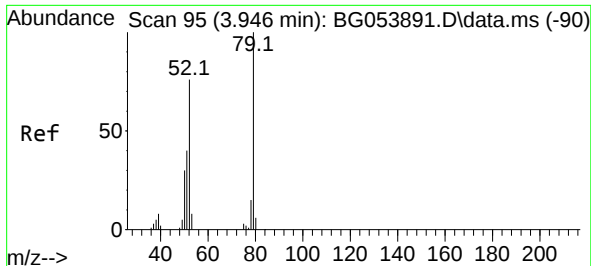
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#2
1,4-Dioxane
Concen: 42.891 ng
RT: 3.525 min Scan# 23
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

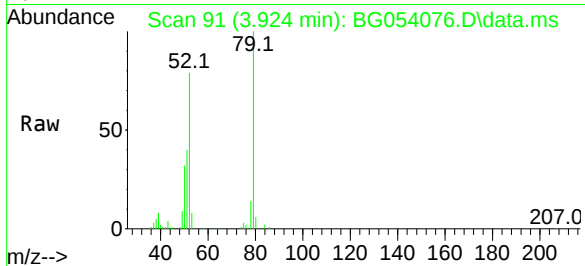
Tgt Ion: 88 Resp: 26023
Ion Ratio Lower Upper
88 100
58 80.2 59.2 88.8
43 36.2 24.3 36.5





#3
Pyridine
Concen: 41.224 ng
RT: 3.924 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

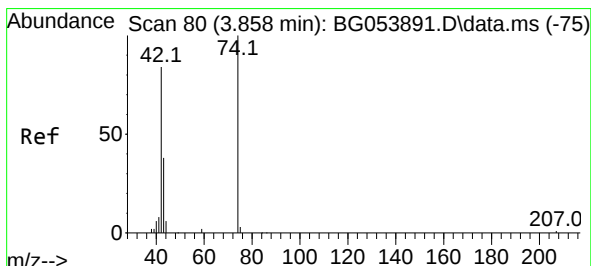
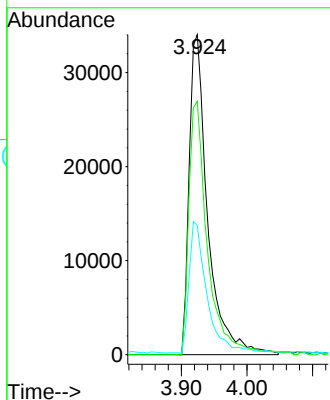
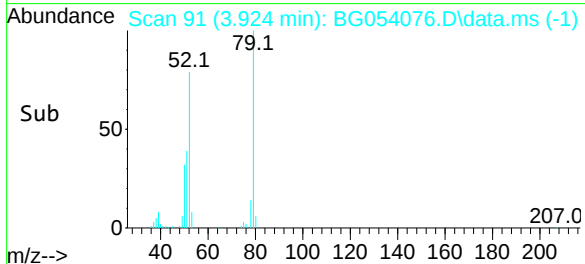
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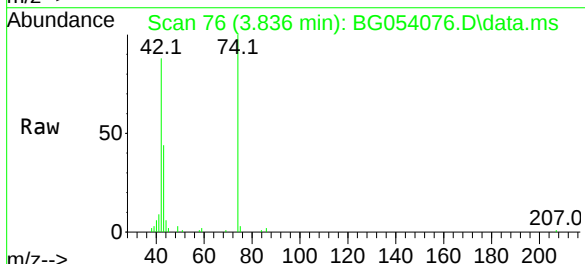
Tgt Ion: 79 Resp: 66744
Ion Ratio Lower Upper
79 100
52 79.2 54.6 81.8
51 40.4 32.5 48.7

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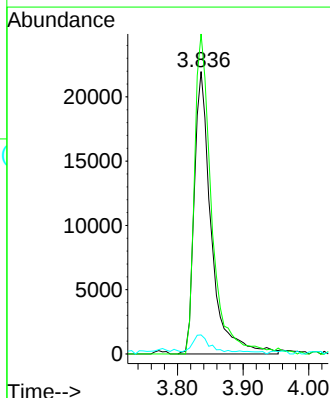
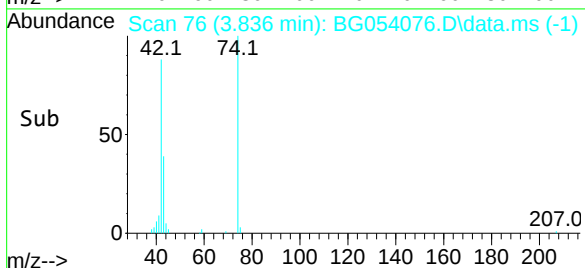
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#4
n-Nitrosodimethylamine
Concen: 55.542 ng
RT: 3.836 min Scan# 76
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



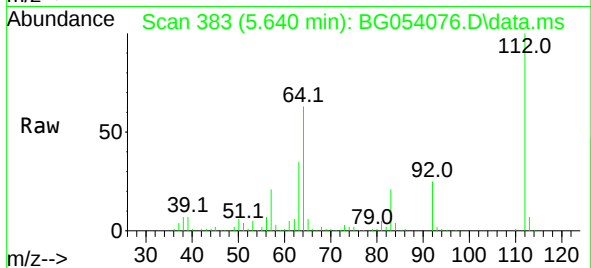
Tgt Ion: 42 Resp: 39555
Ion Ratio Lower Upper
42 100
74 113.3 97.0 145.4
44 6.7 7.0 10.4





#5
2-Fluorophenol
Concen: 152.951 ng
RT: 5.640 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

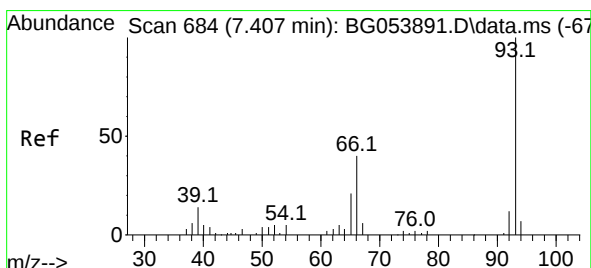
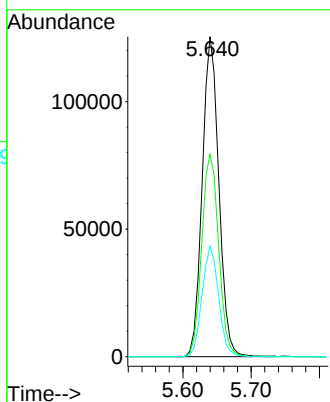
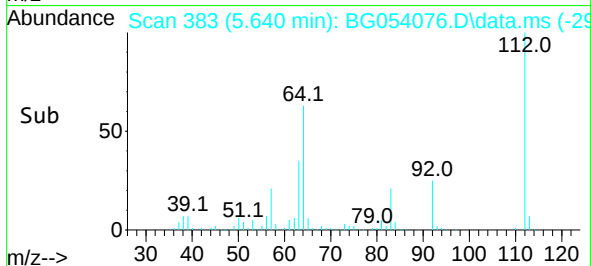
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:112 Resp: 212280
Ion Ratio Lower Upper
112 100
64 63.3 55.1 82.7
63 34.5 30.4 45.6

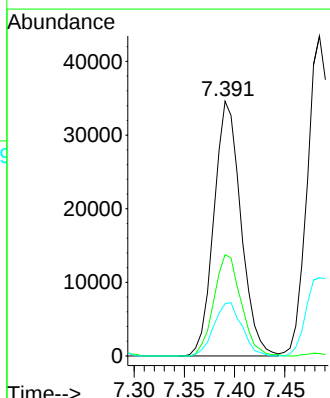
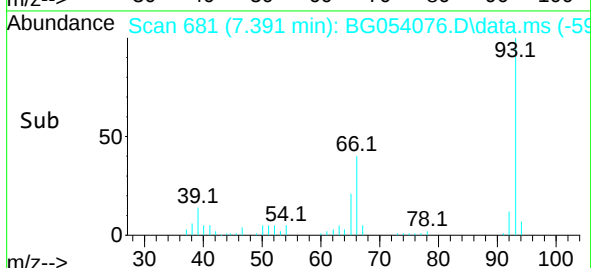
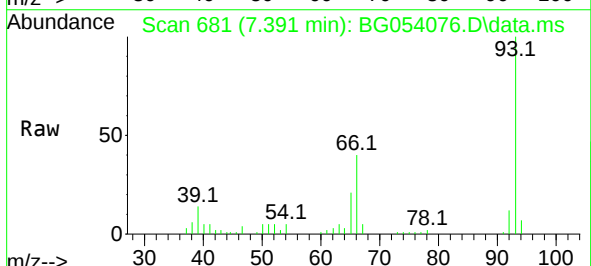
Manual Integrations
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#6
Aniline
Concen: 28.992 ng
RT: 7.391 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

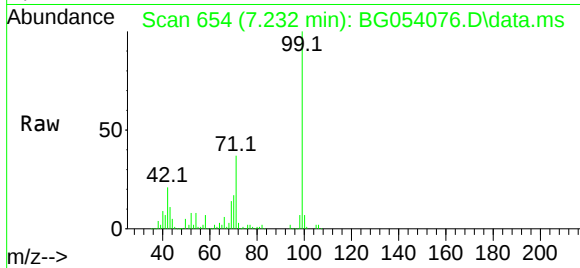
Tgt Ion: 93 Resp: 64718
Ion Ratio Lower Upper
93 100
66 39.8 32.9 49.3
65 20.6 17.8 26.8





#7
Phenol-d6
Concen: 149.428 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

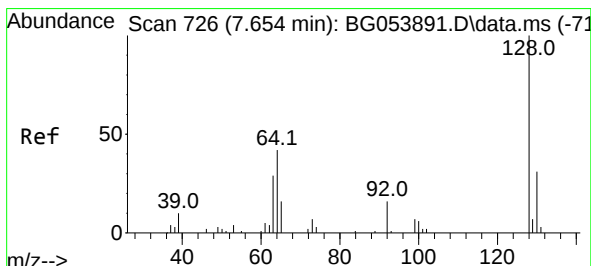
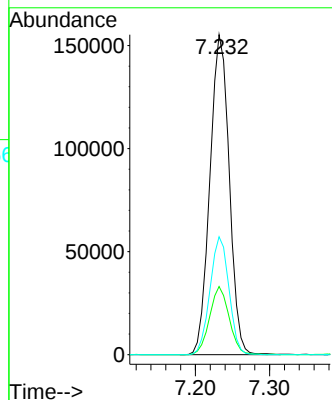
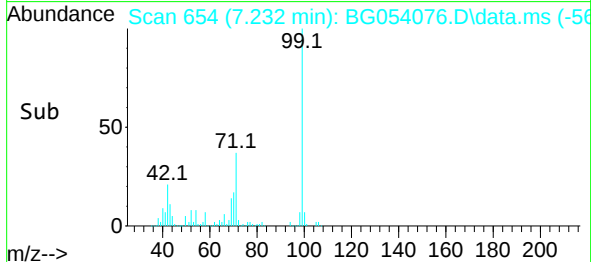
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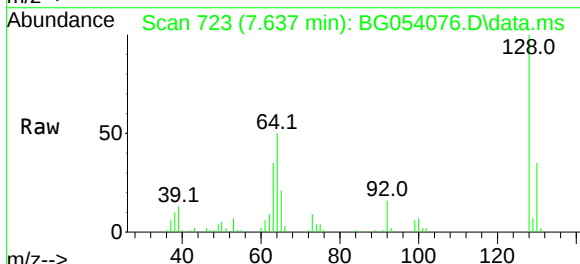
Tgt Ion: 99 Resp: 281348
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 36.9 33.8 50.8

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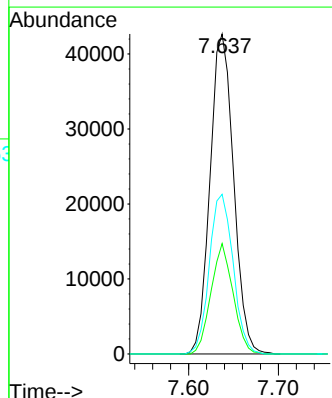
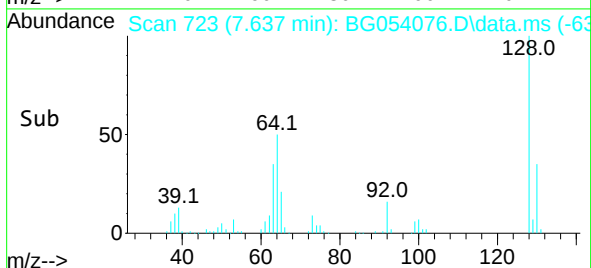
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#8
2-Chlorophenol
Concen: 52.430 ng
RT: 7.637 min Scan# 723
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



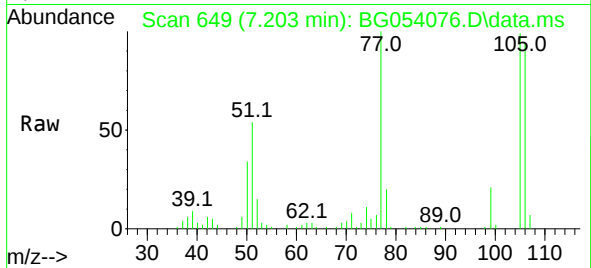
Tgt Ion:128 Resp: 77699
Ion Ratio Lower Upper
128 100
130 34.5 10.5 50.5
64 49.9 35.1 75.1





#9
Benzaldehyde
Concen: 47.468 ng
RT: 7.203 min Scan# 649
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

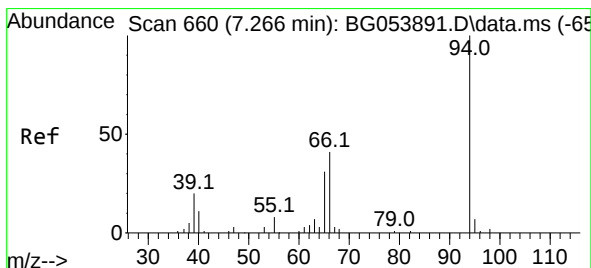
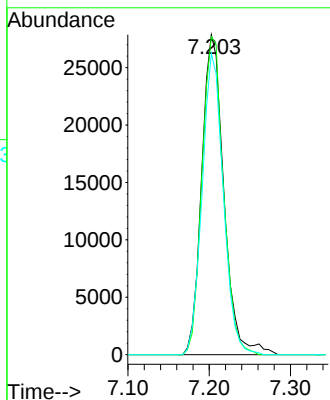
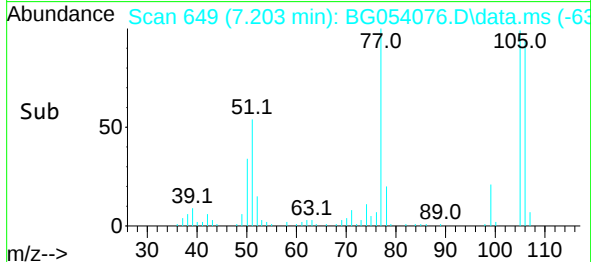
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion: 77 Resp: 5274
Ion Ratio Lower Upper
77 100
105 99.3 59.6 99.6
106 94.1 56.8 96.8

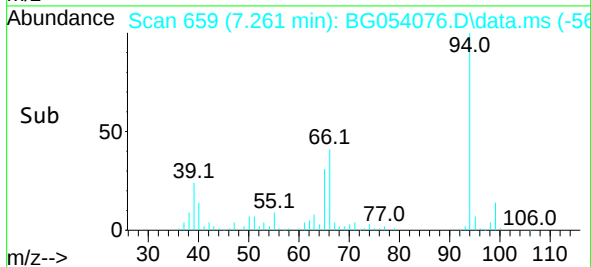
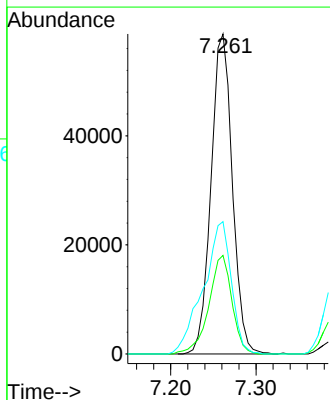
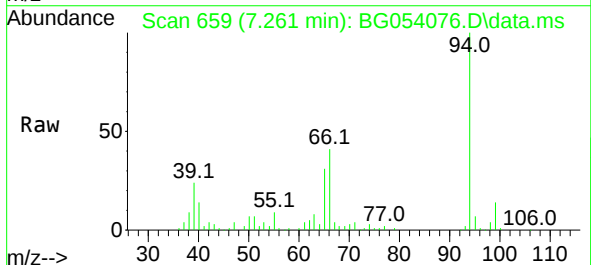
Manual Integrations
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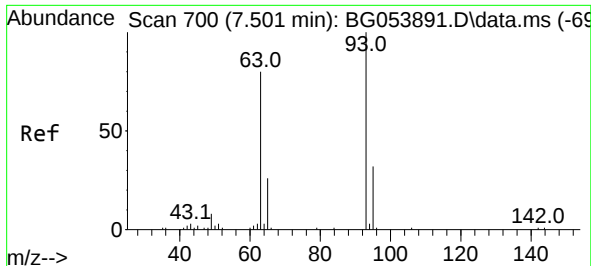
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#10
Phenol
Concen: 53.503 ng
RT: 7.261 min Scan# 659
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

Tgt Ion: 94 Resp: 102092
Ion Ratio Lower Upper
94 100
65 30.8 14.8 54.8
66 41.3 25.2 65.2





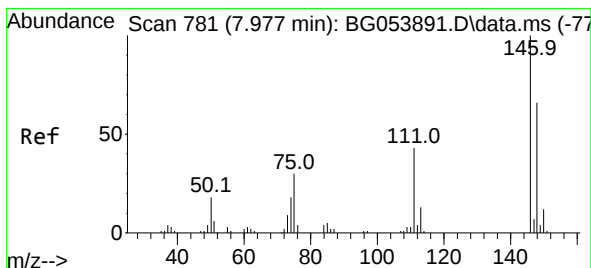
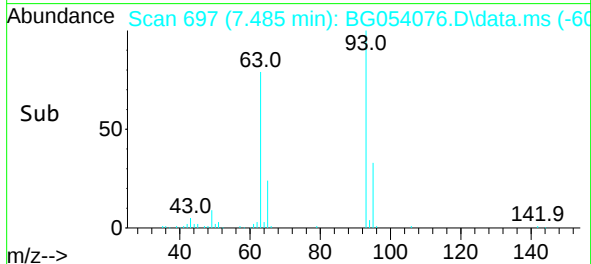
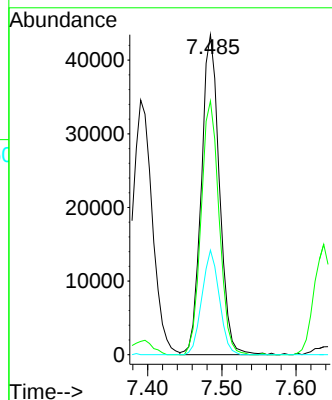
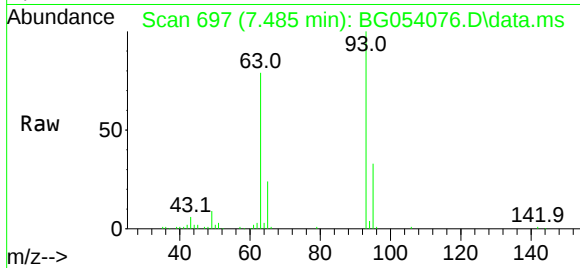
#11
bis(2-Chloroethyl)ether
Concen: 50.284 ng
RT: 7.485 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD

Tgt Ion: 93 Resp: 73640
Ion Ratio Lower Upper
93 100
63 79.3 63.6 103.6
95 32.7 10.1 50.1

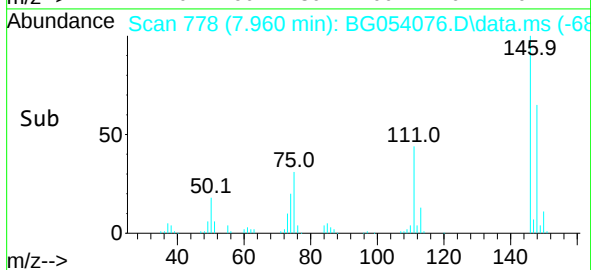
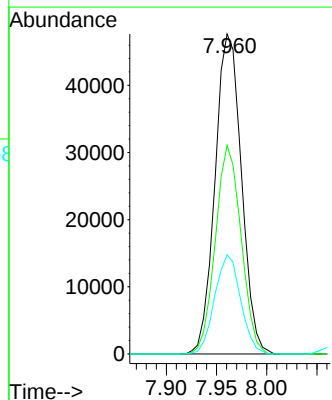
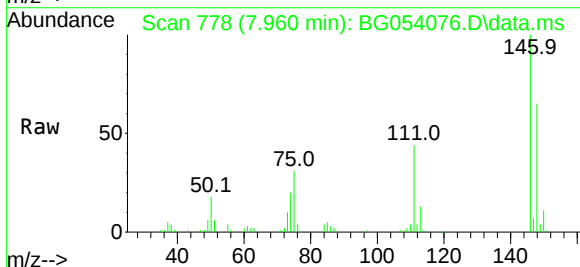
Manual Integrations
APPROVED

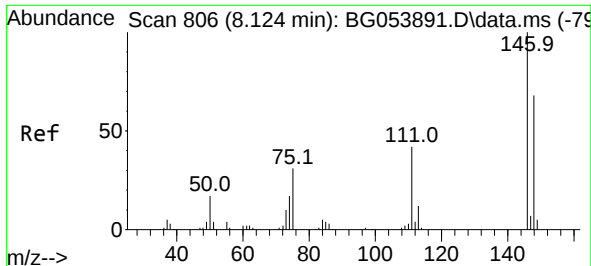
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#12
1,3-Dichlorobenzene
Concen: 46.895 ng
RT: 7.960 min Scan# 778
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

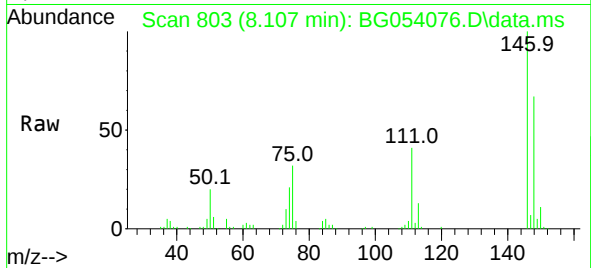
Tgt Ion:146 Resp: 87081
Ion Ratio Lower Upper
146 100
148 65.2 46.1 69.1
75 31.0 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 46.572 ng
RT: 8.107 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

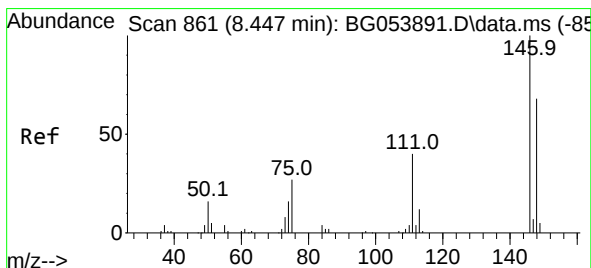
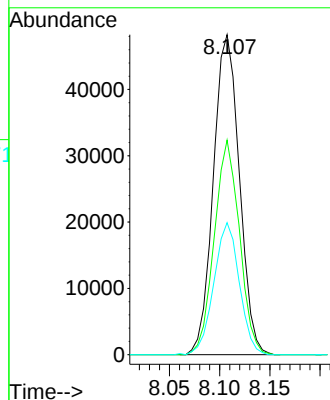
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:146 Resp: 86872
Ion Ratio Lower Upper
146 100
148 67.1 51.5 77.3
111 41.3 33.9 50.9

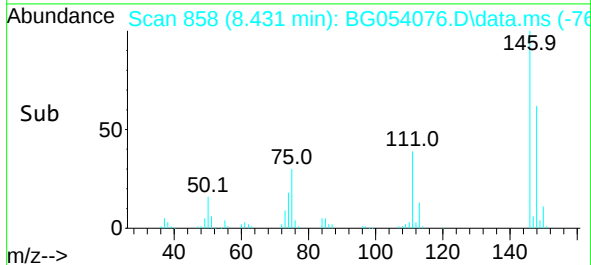
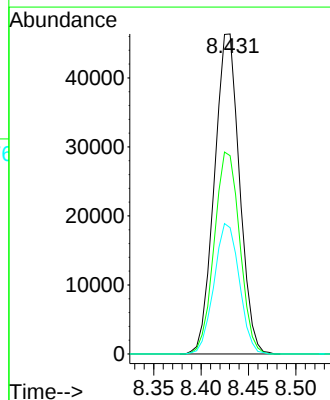
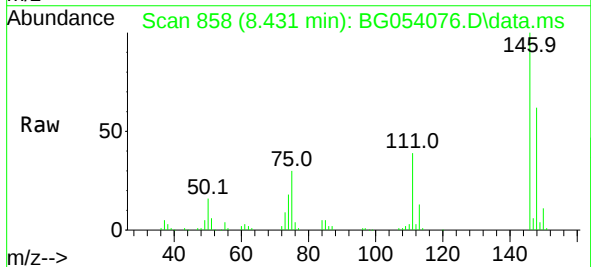
Manual Integrations
APPROVED

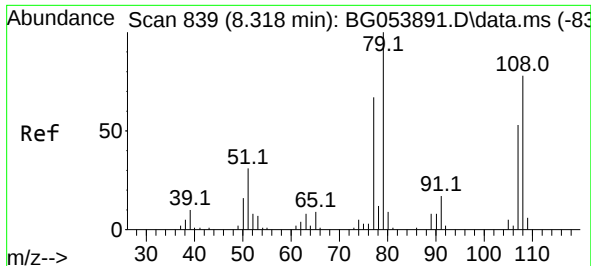
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#14
1,2-Dichlorobenzene
Concen: 47.744 ng
RT: 8.431 min Scan# 858
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

Tgt Ion:146 Resp: 85494
Ion Ratio Lower Upper
146 100
148 62.0 52.6 78.8
111 39.5 34.5 51.7





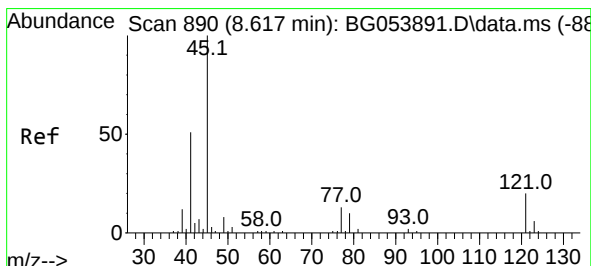
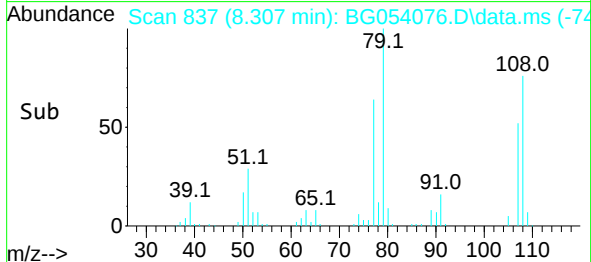
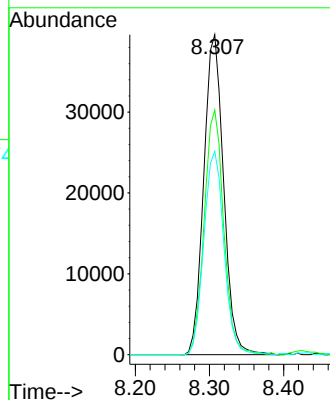
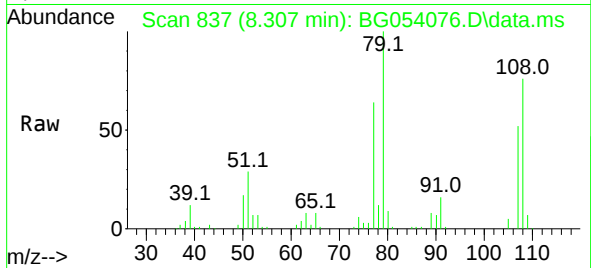
#15
Benzyl Alcohol
Concen: 52.250 ng
RT: 8.307 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD

Tgt Ion: 79 Resp: 7352
Ion Ratio Lower Upper
79 100
108 76.5 53.7 80.5
77 63.5 52.2 78.4

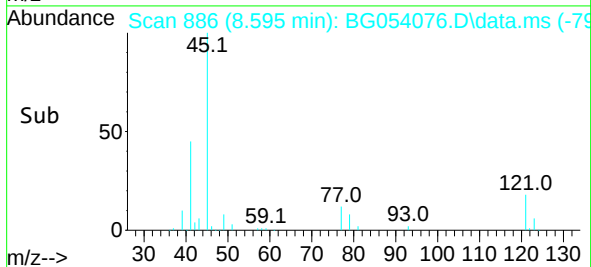
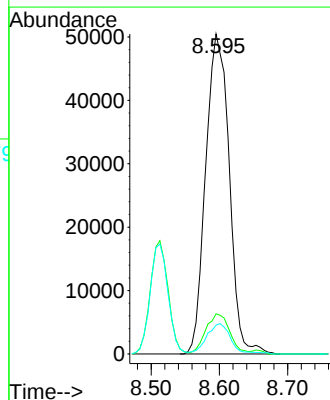
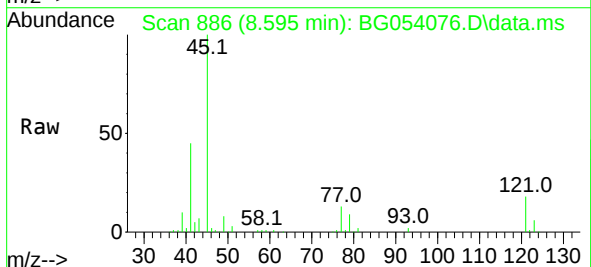
Manual Integrations
APPROVED

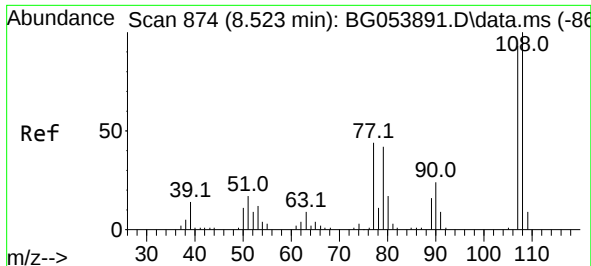
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.455 ng
RT: 8.595 min Scan# 886
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

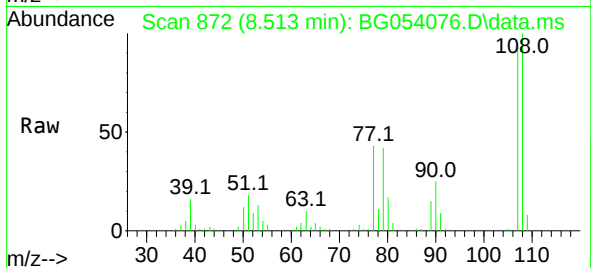
Tgt Ion: 45 Resp: 121415
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.7
79 9.0 0.0 29.7





#17
2-Methylphenol
Concen: 52.054 ng
RT: 8.513 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

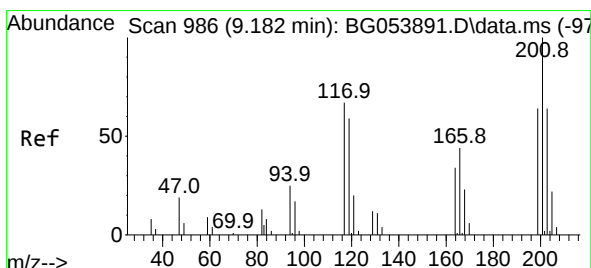
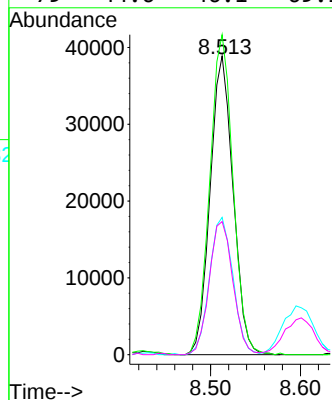
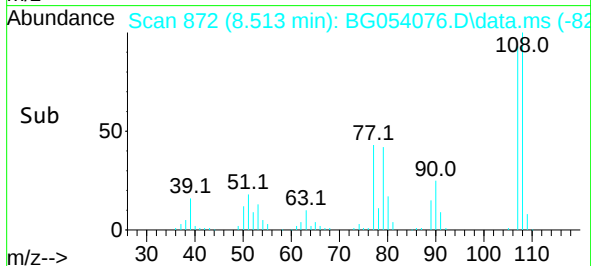
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



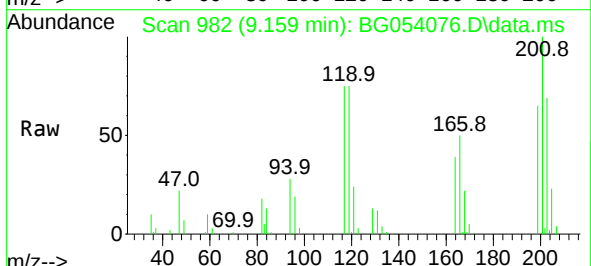
Tgt Ion:107 Resp: 69000
Ion Ratio Lower Upper
107 100
108 107.1 85.4 128.0
77 45.9 46.2 69.2
79 44.6 46.1 69.1

Manual Integrations
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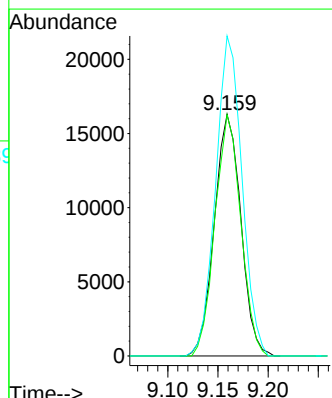
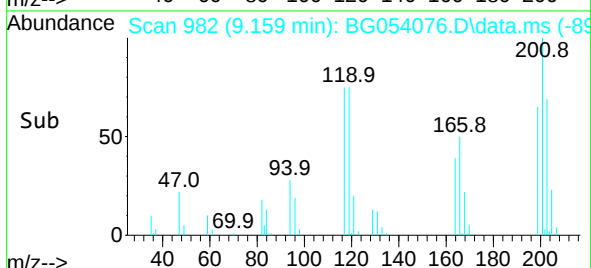
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

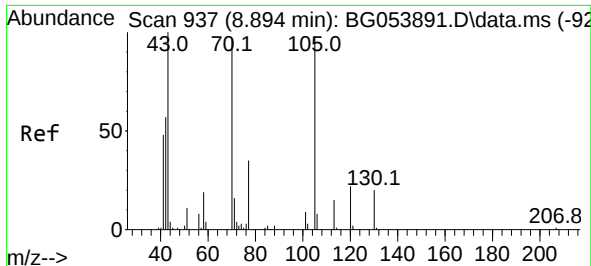


#18
Hexachloroethane
Concen: 48.395 ng
RT: 9.159 min Scan# 982
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



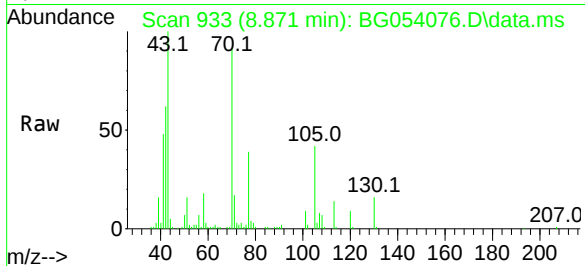
Tgt Ion:117 Resp: 29947
Ion Ratio Lower Upper
117 100
119 99.8 75.0 112.6
201 132.5 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 48.423 ng
RT: 8.871 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

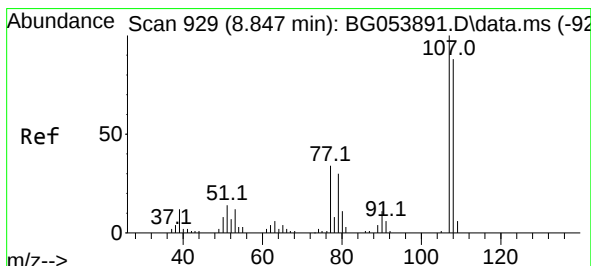
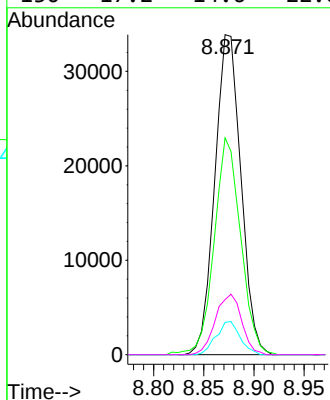
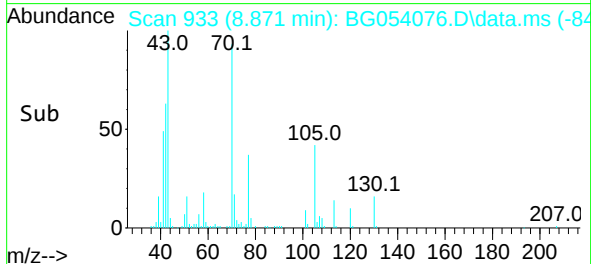
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion: 70 Resp: 6125
Ion Ratio Lower Upper
70 100
42 67.8 47.3 70.9
101 10.1 7.0 10.4
130 17.2 14.6 22.0

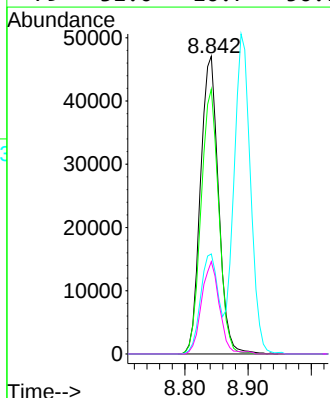
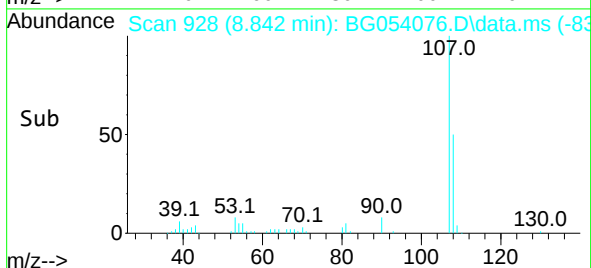
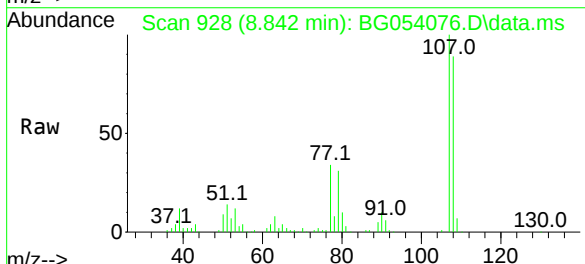
Manual Integrations
APPROVED

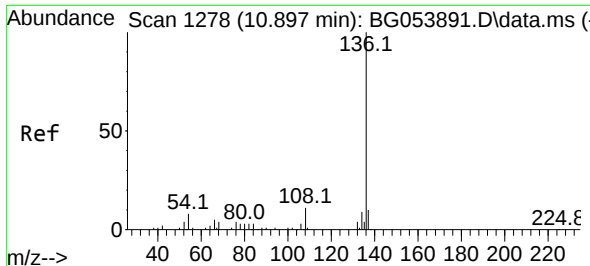
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#20
3+4-Methylphenols
Concen: 50.060 ng
RT: 8.842 min Scan# 928
Delta R.T. 0.008 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

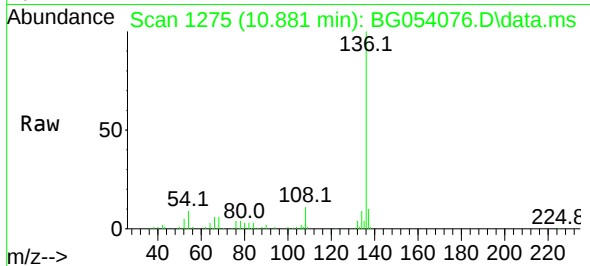
Tgt Ion:107 Resp: 93058
Ion Ratio Lower Upper
107 100
108 88.9 67.5 107.5
77 33.6 20.3 60.3
79 31.0 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 104908
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

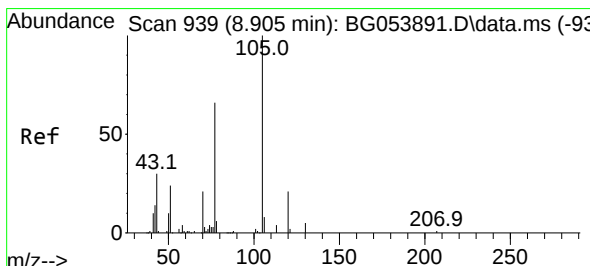
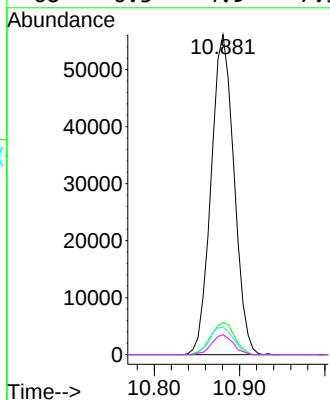
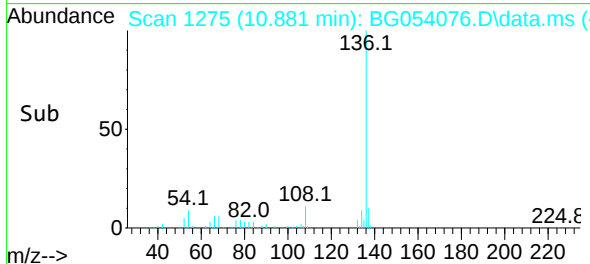
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:136 Resp: 104908
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 8.7 7.4 11.2
68 6.3 4.9 7.3

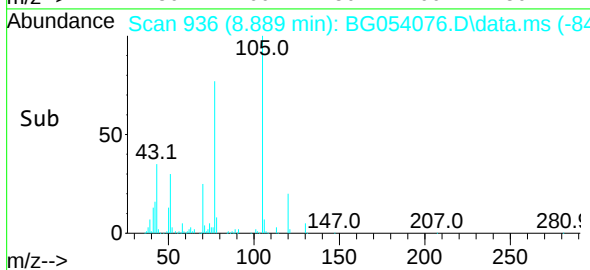
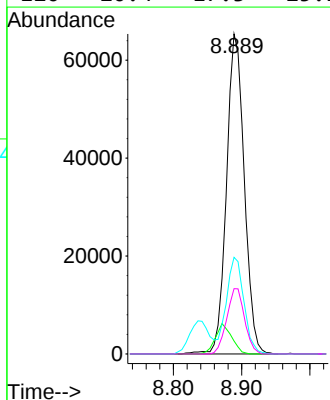
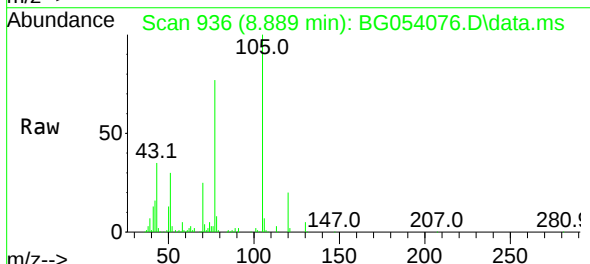
Manual Integrations
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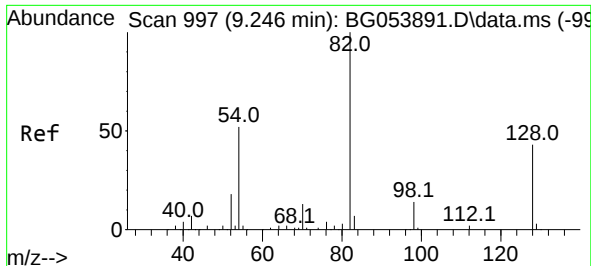
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#22
Acetophenone
Concen: 46.528 ng
RT: 8.889 min Scan# 936
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

Tgt Ion:105 Resp: 118647
Ion Ratio Lower Upper
105 100
71 4.1 1.1 1.7#
51 30.2 25.4 38.0
120 20.4 17.3 25.9





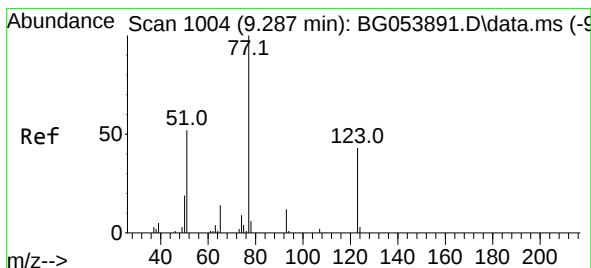
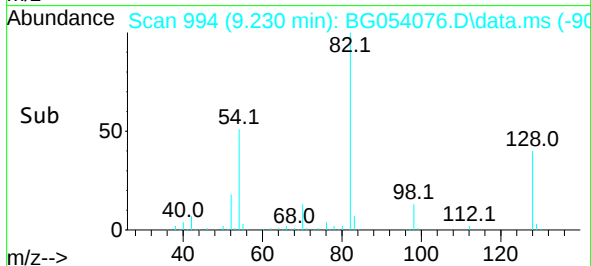
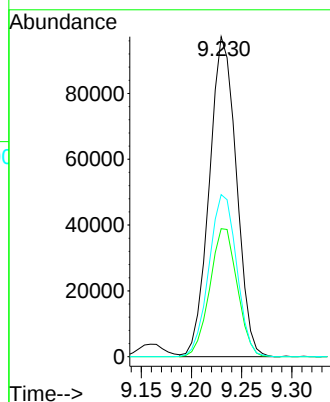
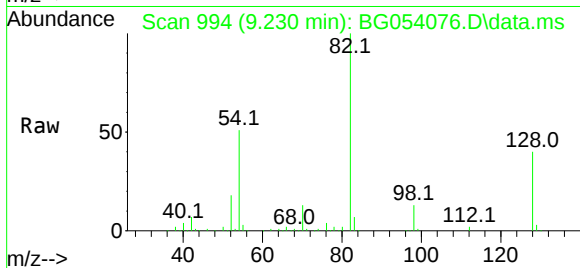
#23
Nitrobenzene-d5
Concen: 97.721 ng
RT: 9.230 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD

Tgt Ion: 82 Resp: 18242
Ion Ratio Lower Upper
82 100
128 40.0 27.9 41.9
54 50.7 41.2 61.8

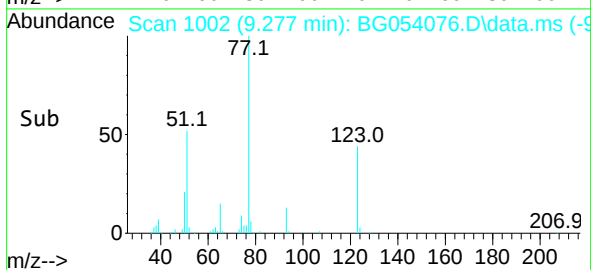
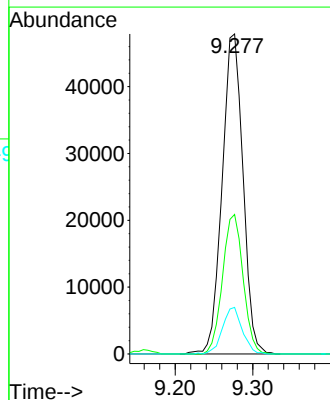
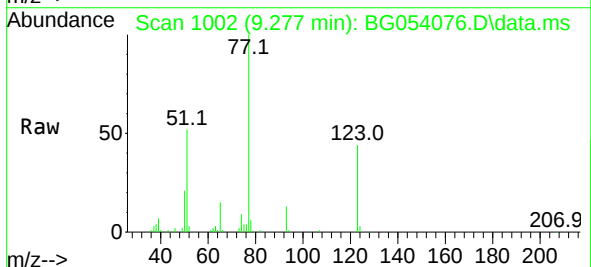
Manual Integrations
APPROVED

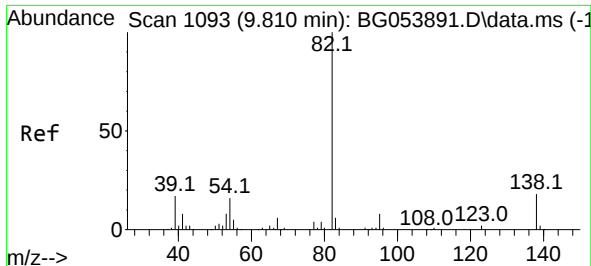
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#24
Nitrobenzene
Concen: 48.700 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

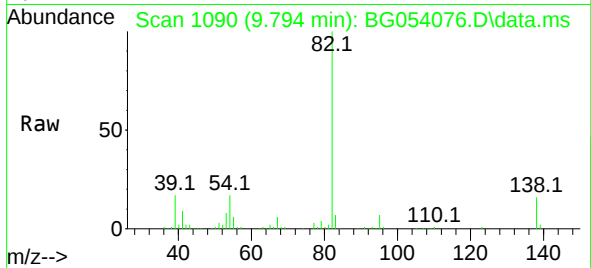
Tgt Ion: 77 Resp: 89526
Ion Ratio Lower Upper
77 100
123 43.6 27.4 41.0#
65 14.5 11.4 17.0





#25
Isophorone
Concen: 47.931 ng
RT: 9.794 min Scan# 1093
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

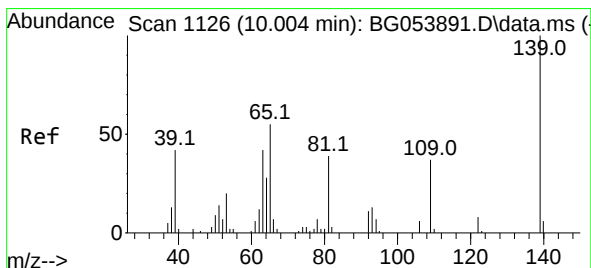
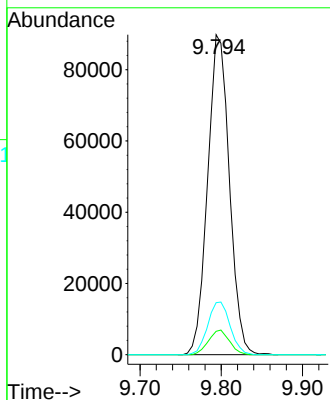
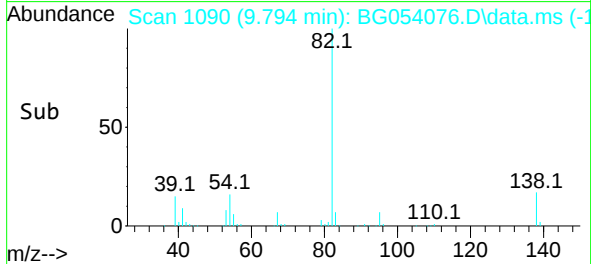
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion: 82 Resp: 16711
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.4
138 16.2 11.6 17.4

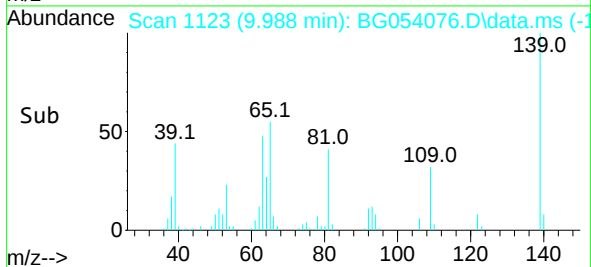
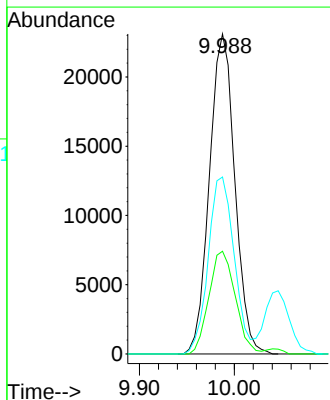
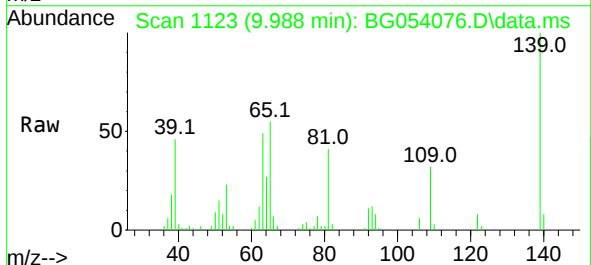
Manual Integrations
APPROVED

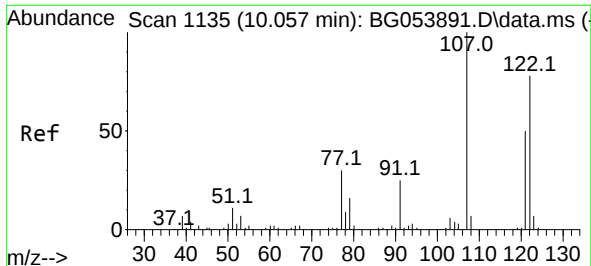
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#26
2-Nitrophenol
Concen: 52.954 ng
RT: 9.988 min Scan# 1123
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

Tgt Ion:139 Resp: 42997
Ion Ratio Lower Upper
139 100
109 32.1 36.1 54.1#
65 55.3 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 56.656 ng

RT: 10.046 min Scan# 1135

Delta R.T. 0.002 min

Lab File: BG054076.D

Acq: 26 Jun 2022 17:16

Instrument :

BNA_G

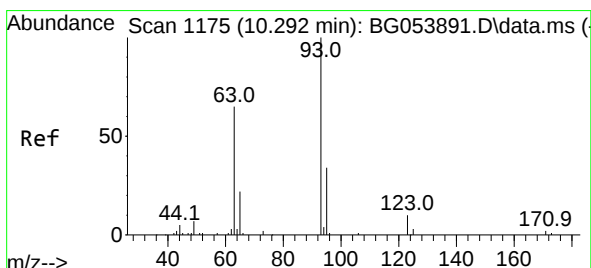
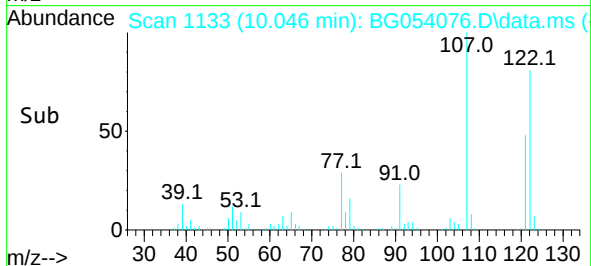
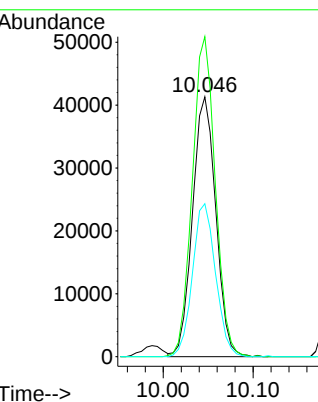
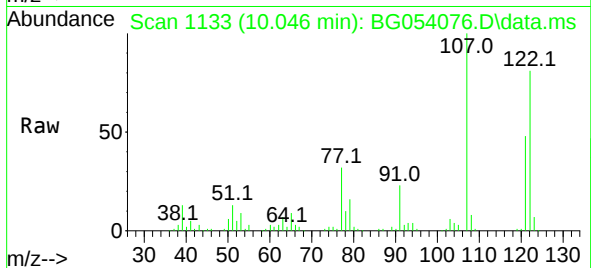
ClientSampleId :

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Tgt Ion:122 Resp: 74458
 Ion Ratio Lower Upper
 122 100
 107 123.1 109.4 164.0
 121 58.8 48.7 73.1

Manual Integrations
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Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 53.011 ng

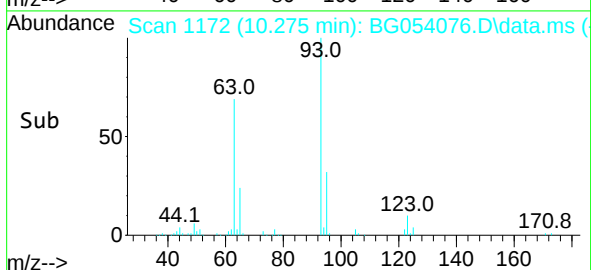
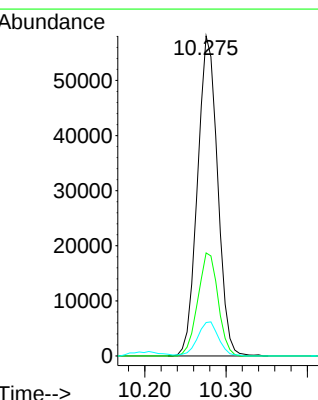
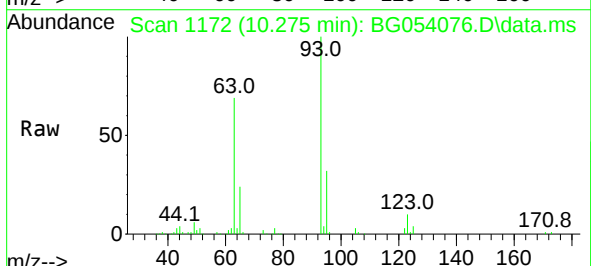
RT: 10.275 min Scan# 1172

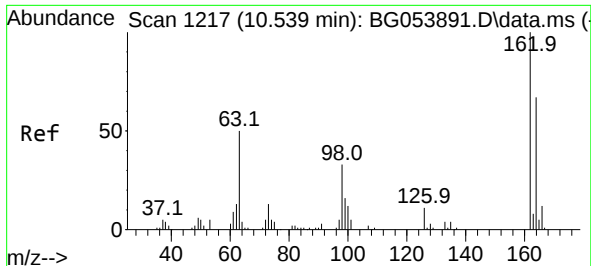
Delta R.T. -0.004 min

Lab File: BG054076.D

Acq: 26 Jun 2022 17:16

Tgt Ion: 93 Resp: 99568
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.9 40.3
 123 10.4 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 48.678 ng

RT: 10.528 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG054076.D

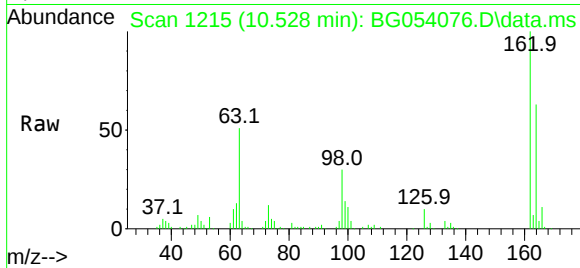
Acq: 26 Jun 2022 17:16

Instrument :

BNA_G

ClientSampleId :

SB-7-16-18-20220623MSD



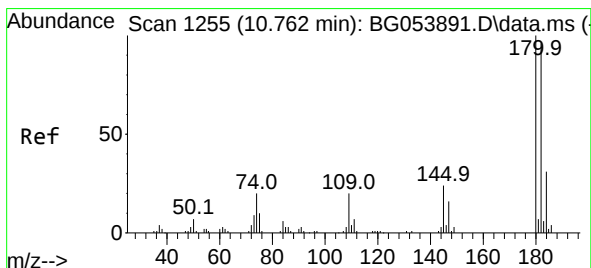
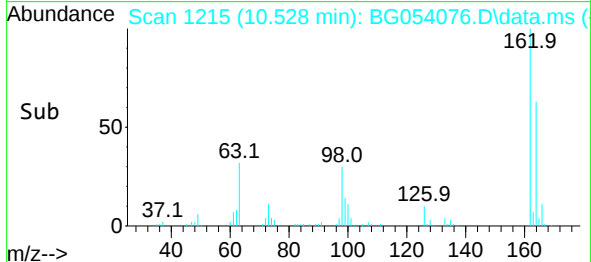
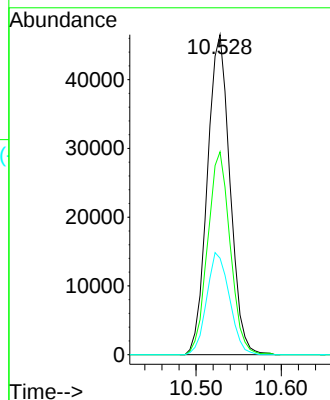
Tgt Ion:	162	Resp:	85774
Ion Ratio	Lower	Upper	
162	100		
164	63.4	46.6	86.6
98	30.2	22.8	62.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.727 ng

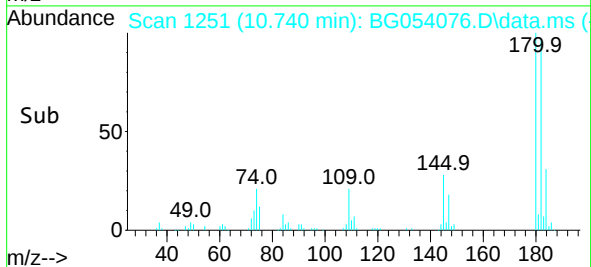
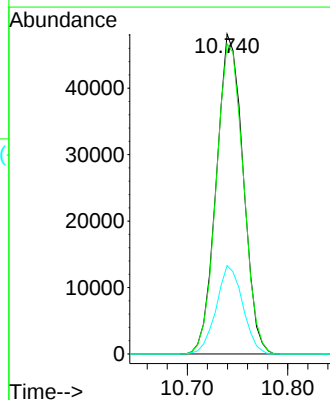
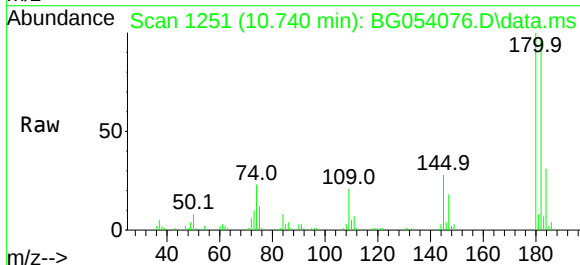
RT: 10.740 min Scan# 1251

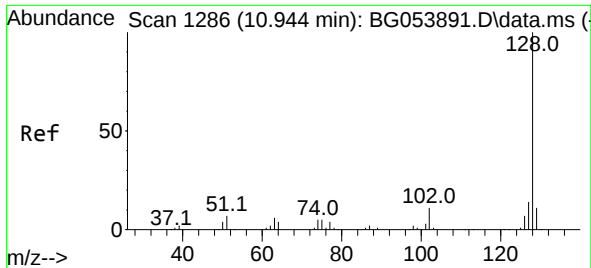
Delta R.T. -0.004 min

Lab File: BG054076.D

Acq: 26 Jun 2022 17:16

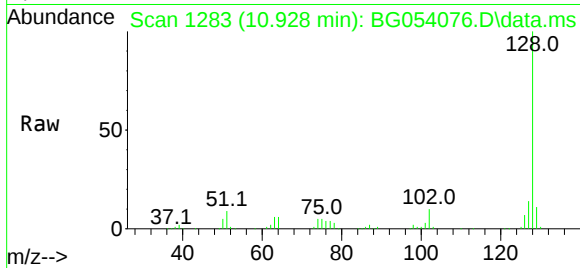
Tgt Ion:	180	Resp:	88859
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.6	115.0
145	27.6	25.0	37.4





#31
Naphthalene
Concen: 44.797 ng
RT: 10.928 min Scan# 110
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

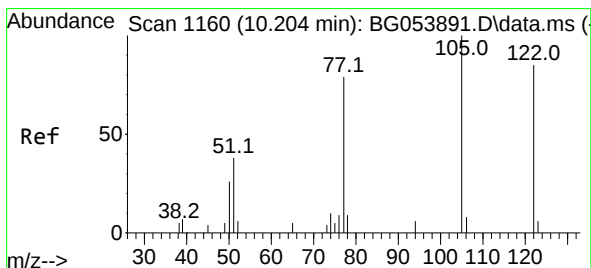
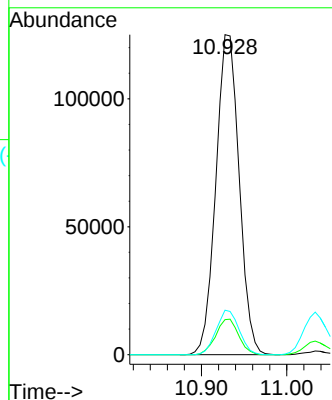
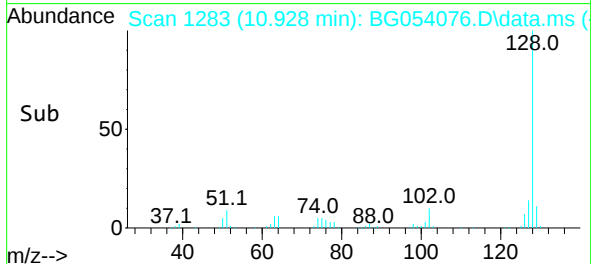
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



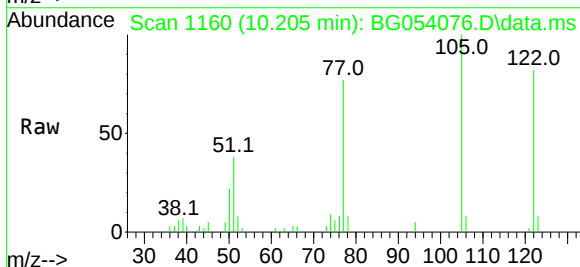
Tgt Ion:128 Resp: 237248
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.9 11.1 16.7

Manual Integrations
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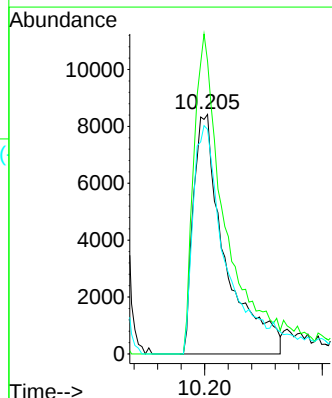
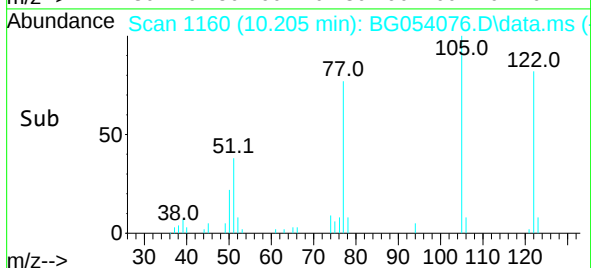
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

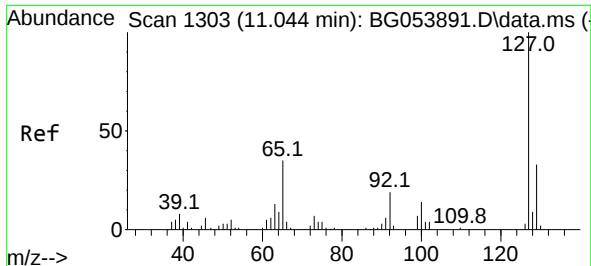


#32
Benzoic acid
Concen: 53.596 ng
RT: 10.205 min Scan# 1160
Delta R.T. 0.008 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



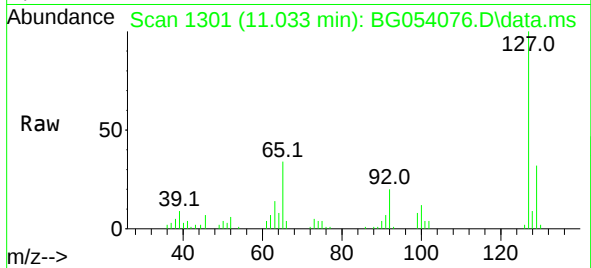
Tgt Ion:122 Resp: 31672
Ion Ratio Lower Upper
122 100
105 122.2 111.8 151.8
77 93.8 109.4 149.4#





#33
4-Chloroaniline
Concen: 14.950 ng
RT: 11.033 min Scan# 11033
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

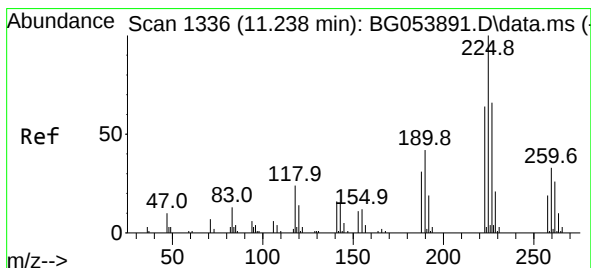
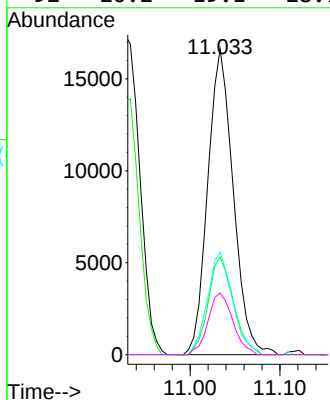
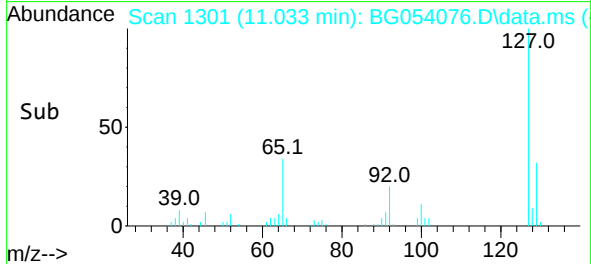
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



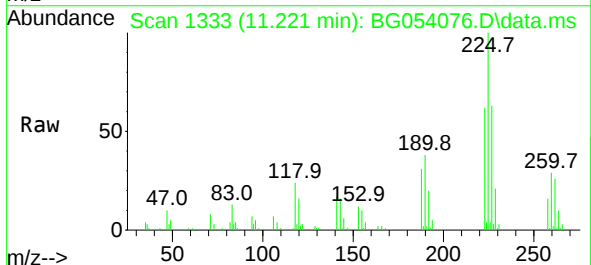
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	33.5	31.1	46.7
92	20.2	19.1	28.7

Manual Integrations
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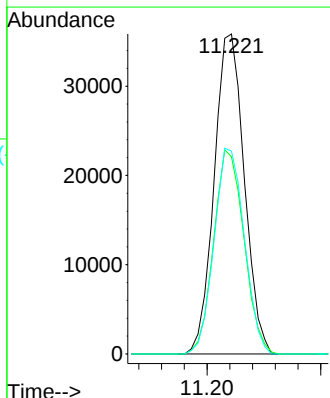
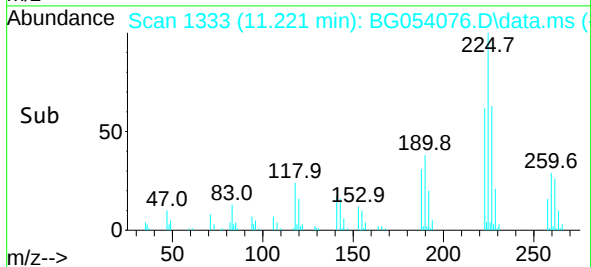
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

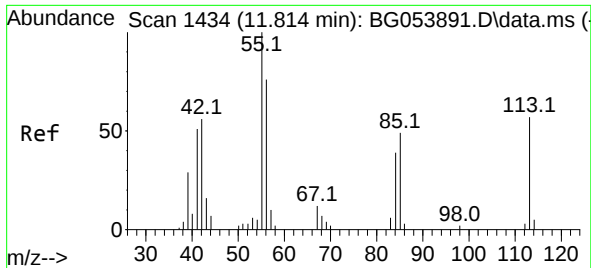


#34
Hexachlorobutadiene
Concen: 39.221 ng
RT: 11.221 min Scan# 1333
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



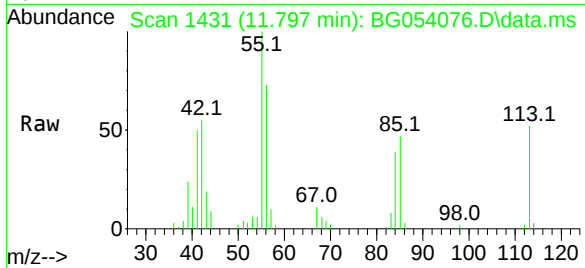
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.9	73.3
227	66.6	52.8	79.2





#35
 Caprolactam
 Concen: 53.688 ng m
 RT: 11.797 min Scan# 1431
 Delta R.T. 0.008 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16

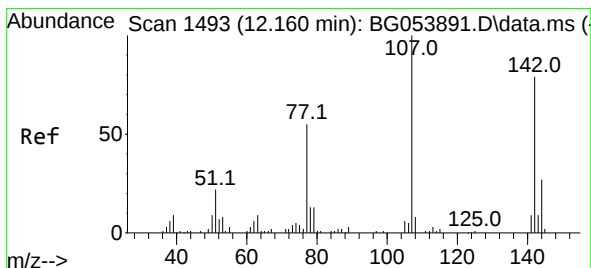
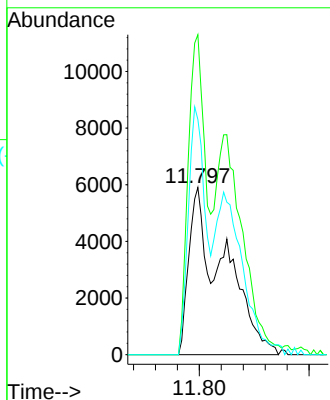
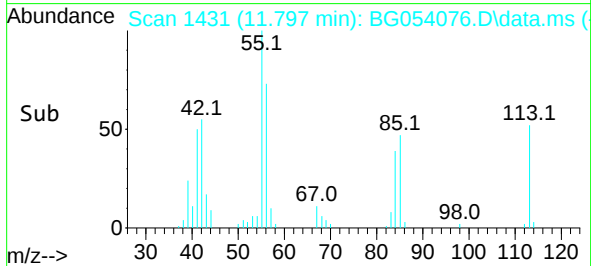
Instrument :
 BNA_G
 ClientSampleId :
 SB-7-16-18-20220623MSD



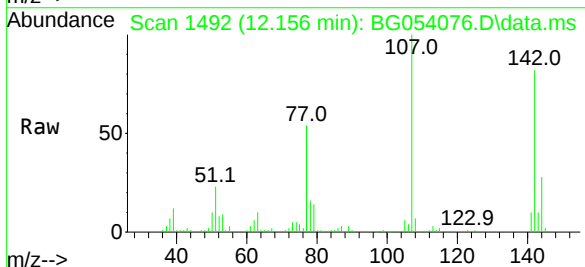
Tgt Ion:113 Resp: 2604
 Ion Ratio Lower Upper
 113 100
 55 191.4 169.8 209.8
 56 140.6 141.2 181.2

Manual Integrations
 APPROVED

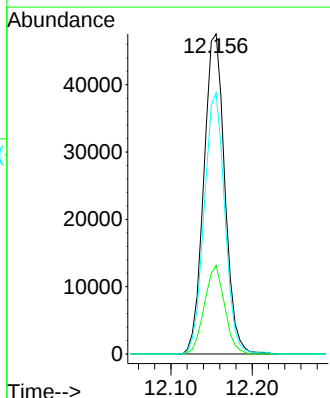
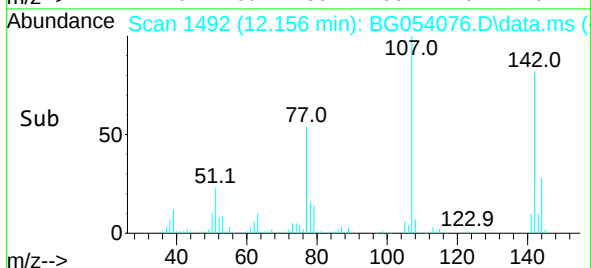
Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022

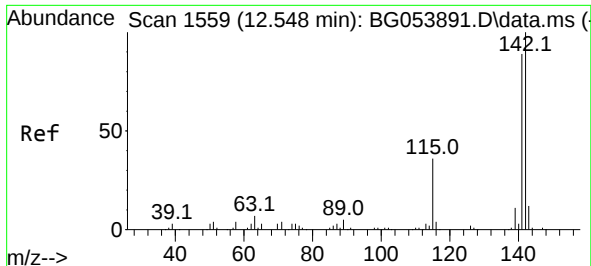


#36
 4-Chloro-3-methylphenol
 Concen: 49.696 ng
 RT: 12.156 min Scan# 1492
 Delta R.T. 0.002 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16



Tgt Ion:107 Resp: 85124
 Ion Ratio Lower Upper
 107 100
 144 27.7 18.5 27.7
 142 81.6 55.0 82.4





#37

2-Methylnaphthalene

Concen: 44.035 ng

RT: 12.532 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG054076.D

Acq: 26 Jun 2022 17:16

Instrument :

BNA_G

ClientSampleId :

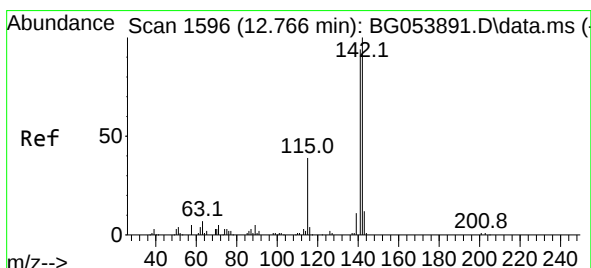
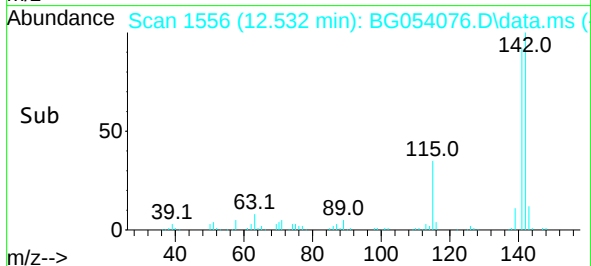
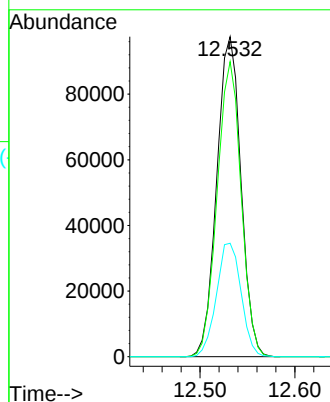
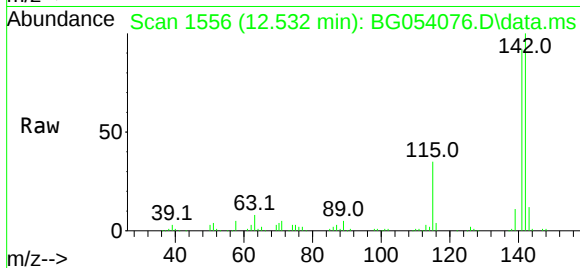
SB-7-16-18-20220623MSD

Tgt Ion:142	Resp:	17254
Ion Ratio	Lower	Upper
142	100	
141	92.2	72.3 108.5
115	35.5	33.7 50.5

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#38

1-Methylnaphthalene

Concen: 43.512 ng

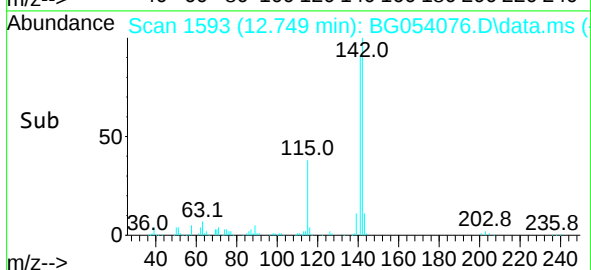
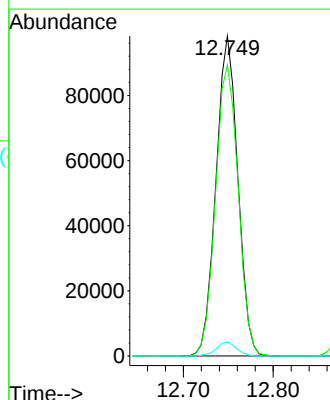
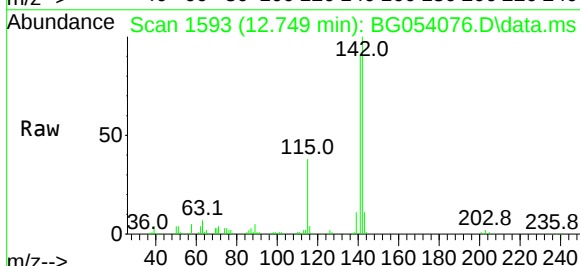
RT: 12.749 min Scan# 1593

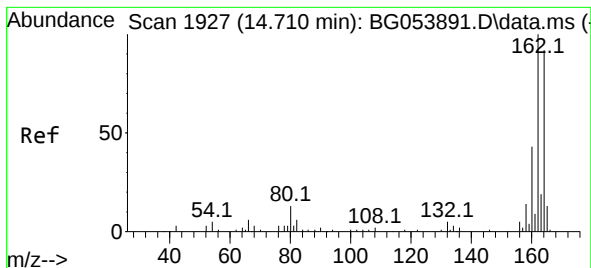
Delta R.T. 0.002 min

Lab File: BG054076.D

Acq: 26 Jun 2022 17:16

Tgt Ion:142	Resp:	166010
Ion Ratio	Lower	Upper
142	100	
141	90.8	76.4 114.6
116	4.4	3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.694 min Scan# 1924

Delta R.T. -0.004 min

Lab File: BG054076.D

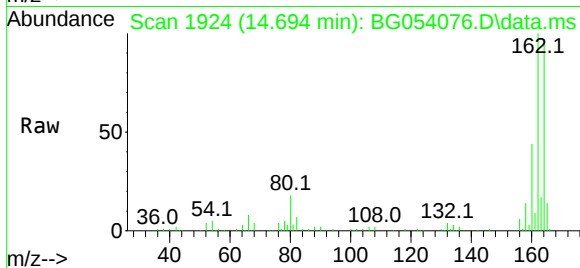
Acq: 26 Jun 2022 17:16

Instrument :

BNA_G

ClientSampleId :

SB-7-16-18-20220623MSD

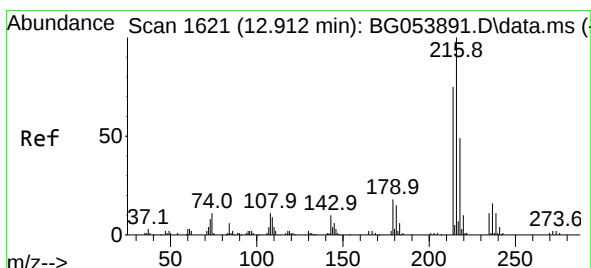
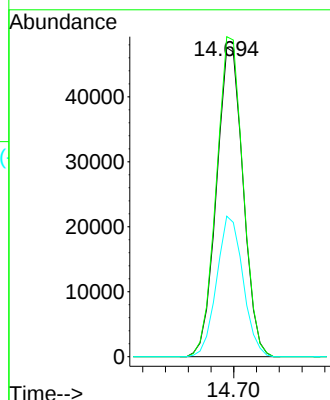
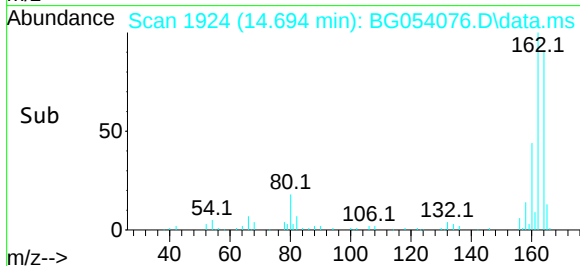


Tgt Ion:164 Resp: 77474

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.3	123.5
160	45.4	34.2	51.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.897 ng

RT: 12.902 min Scan# 1619

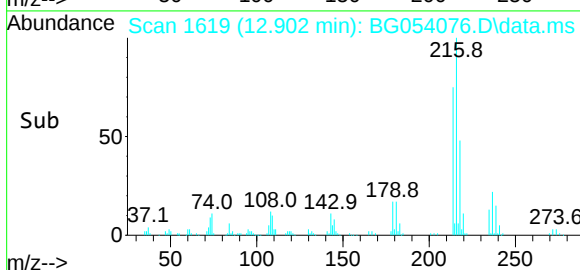
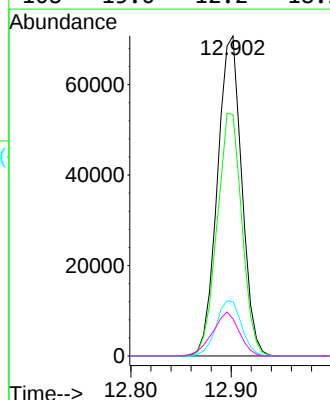
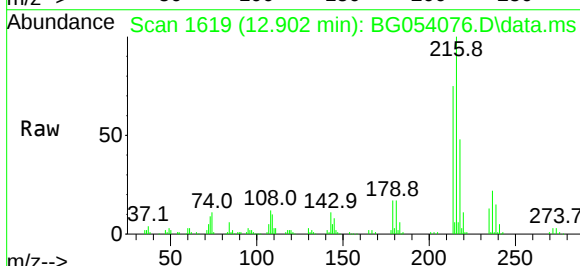
Delta R.T. 0.002 min

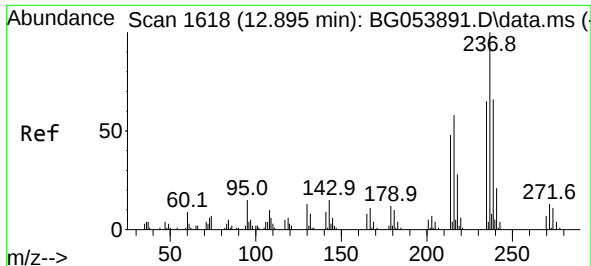
Lab File: BG054076.D

Acq: 26 Jun 2022 17:16

Tgt Ion:216 Resp: 119103

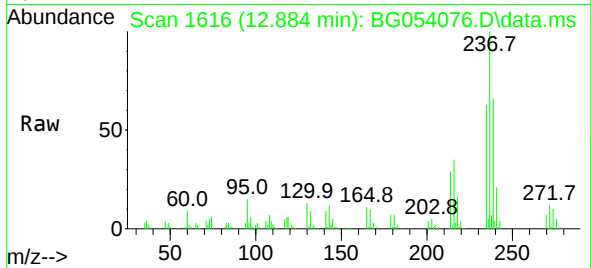
Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.9	94.3
179	18.1	16.1	24.1
108	15.0	12.2	18.2





#41
Hexachlorocyclopentadiene
Concen: 105.063 ng
RT: 12.884 min Scan# 1616
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

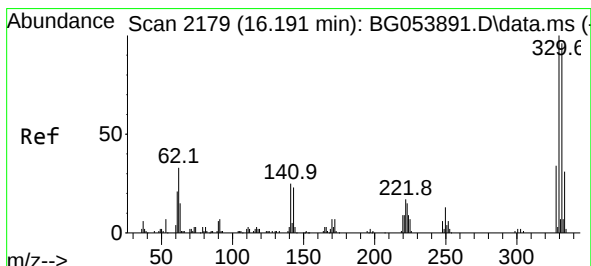
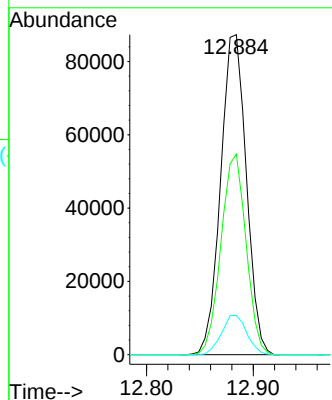
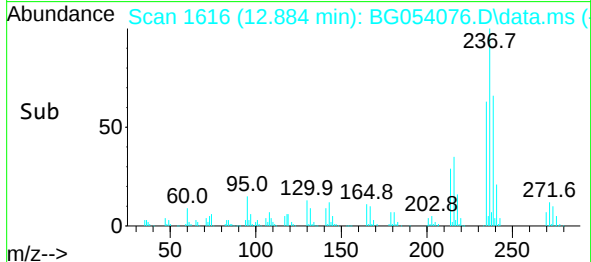
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



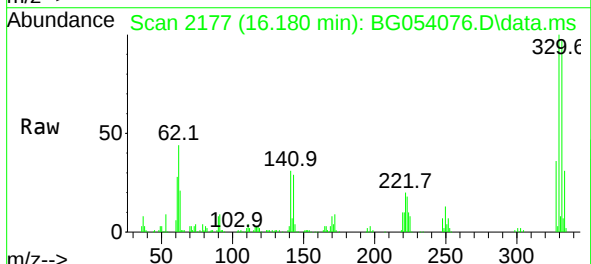
Tgt Ion:237 Resp: 146044
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 12.3 0.0 30.1

Manual Integrations
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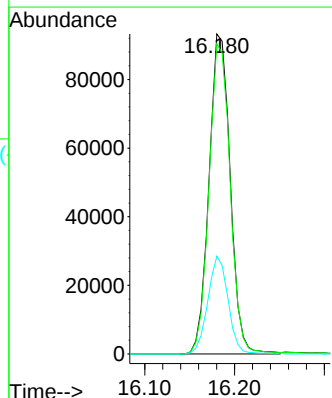
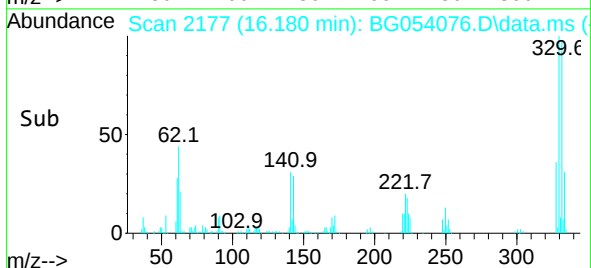
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

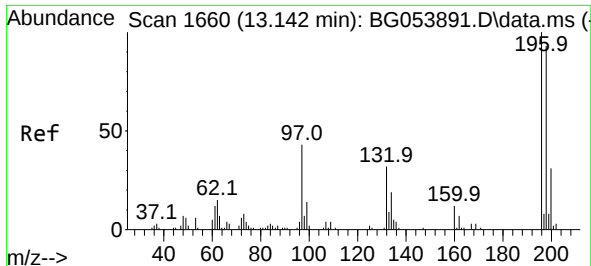


#42
2,4,6-Tribromophenol
Concen: 122.770 ng
RT: 16.180 min Scan# 2177
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



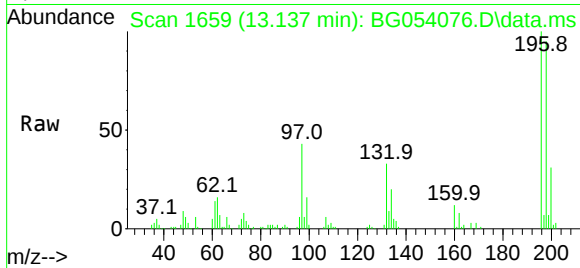
Tgt Ion:330 Resp: 152819
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 29.2 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 45.562 ng
RT: 13.137 min Scan# 1659
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

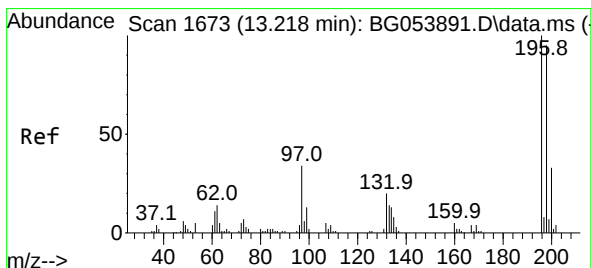
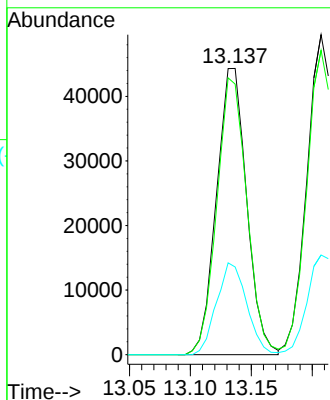
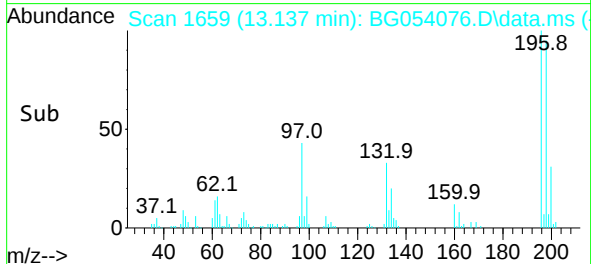
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



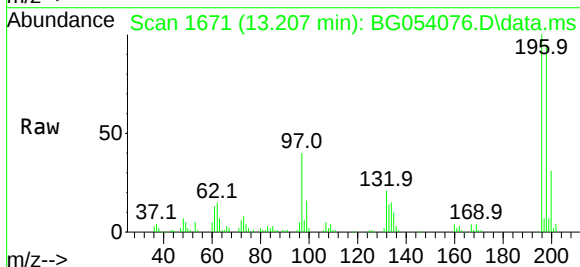
Tgt Ion:196 Resp: 7640
Ion Ratio Lower Upper
196 100
198 94.5 74.1 111.1
200 30.6 24.7 37.1

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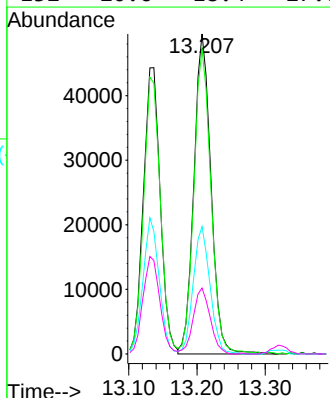
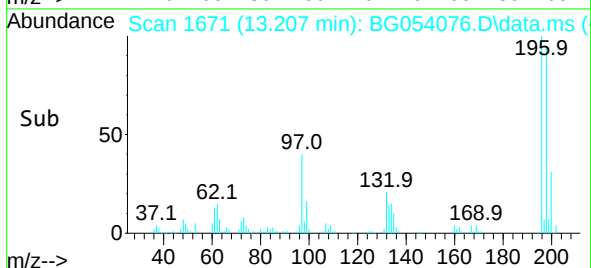
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

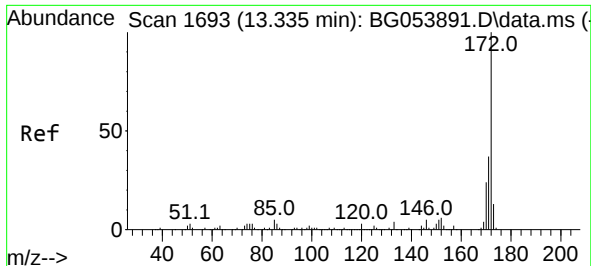


#44
2,4,5-Trichlorophenol
Concen: 45.935 ng
RT: 13.207 min Scan# 1671
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



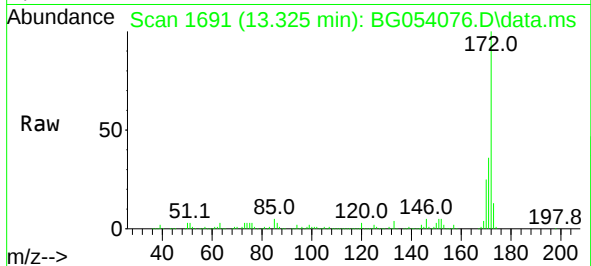
Tgt Ion:196 Resp: 86006
Ion Ratio Lower Upper
196 100
198 95.1 76.8 115.2
97 39.8 39.8 59.6
132 20.6 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 87.700 ng
RT: 13.325 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

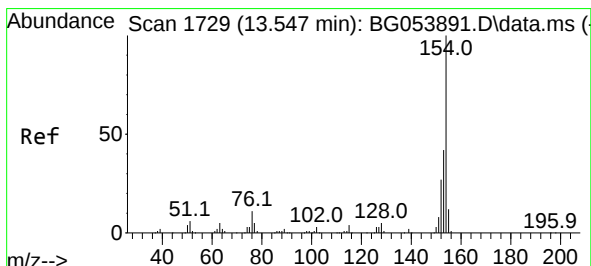
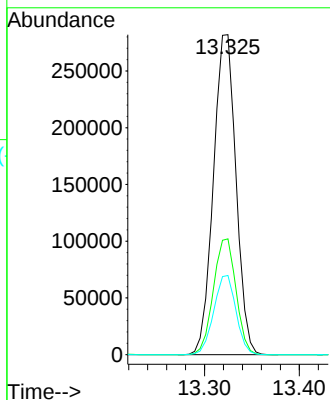
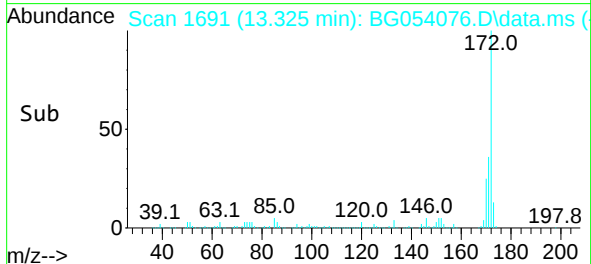
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



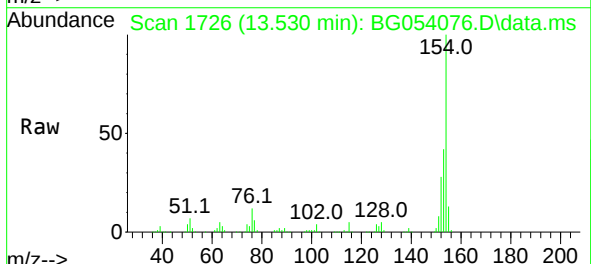
Tgt Ion:172 Resp: 46725
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.8 18.9 28.3

Manual Integrations
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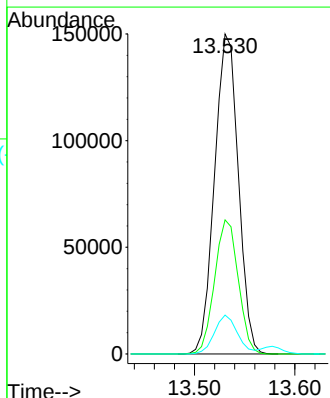
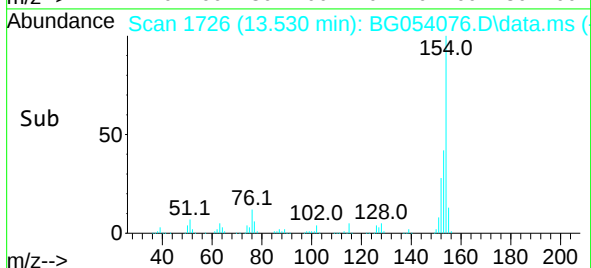
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

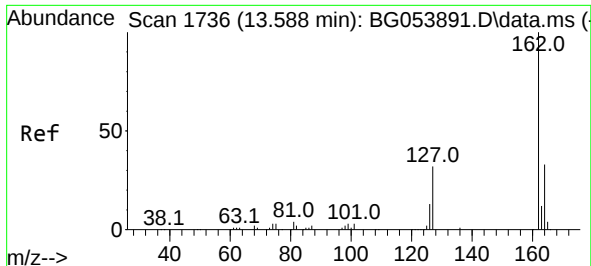


#46
1,1'-Biphenyl
Concen: 45.633 ng
RT: 13.530 min Scan# 1726
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



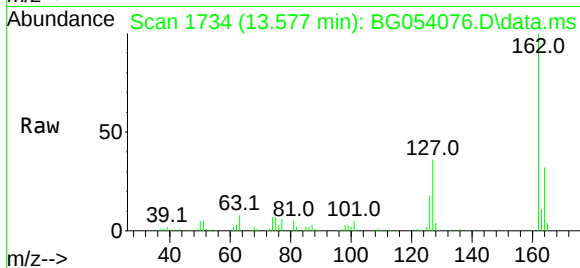
Tgt Ion:154 Resp: 246262
Ion Ratio Lower Upper
154 100
153 41.9 21.6 61.6
76 12.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 44.254 ng
RT: 13.577 min Scan# 1734
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

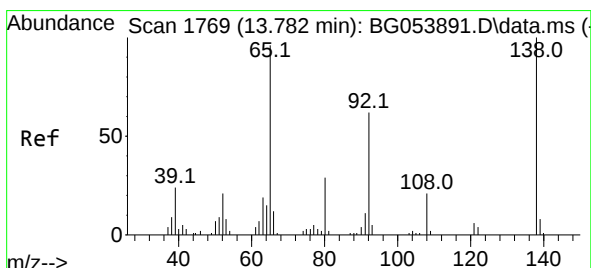
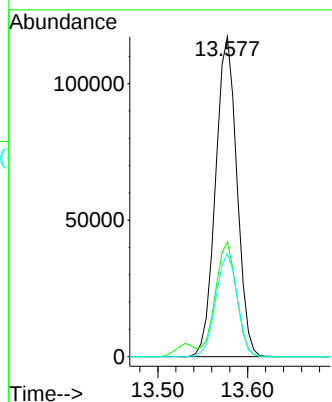
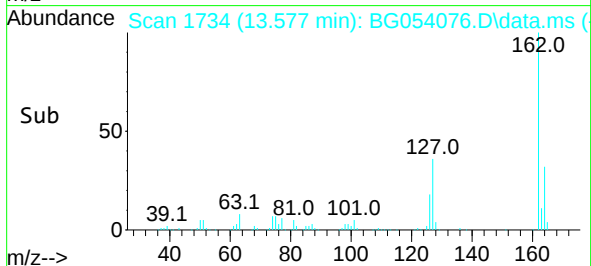
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



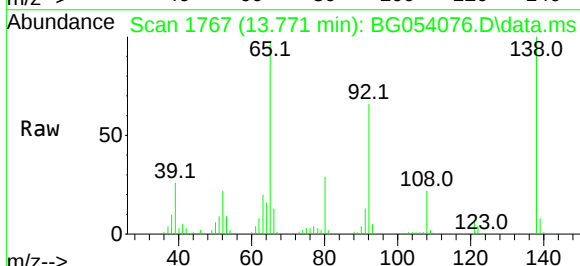
Tgt Ion:162 Resp: 193274
Ion Ratio Lower Upper
162 100
127 35.8 30.6 45.8
164 32.2 26.5 39.7

Manual Integrations
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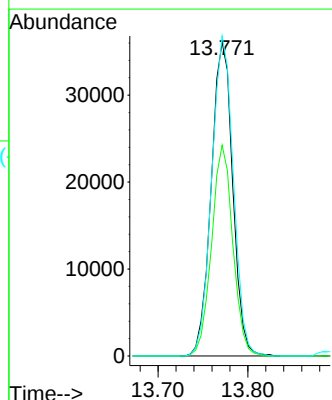
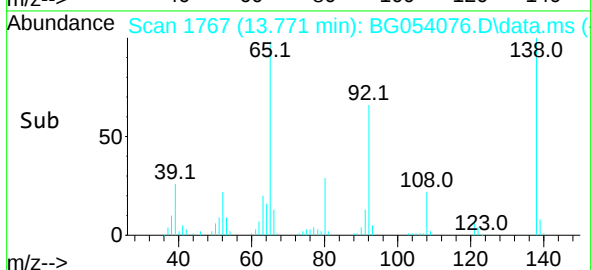
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

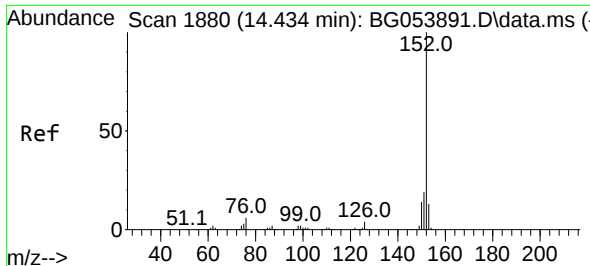


#48
2-Nitroaniline
Concen: 51.656 ng
RT: 13.771 min Scan# 1767
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



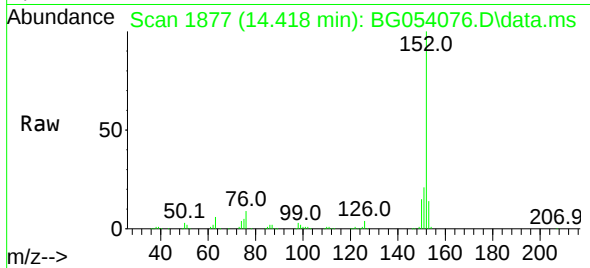
Tgt Ion: 65 Resp: 60012
Ion Ratio Lower Upper
65 100
92 67.2 51.5 77.3
138 102.0 71.3 106.9





#49
Acenaphthylene
Concen: 45.296 ng
RT: 14.418 min Scan# 1877
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

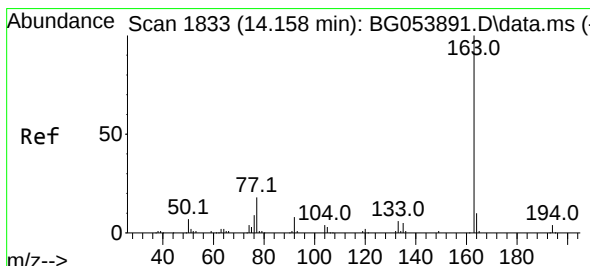
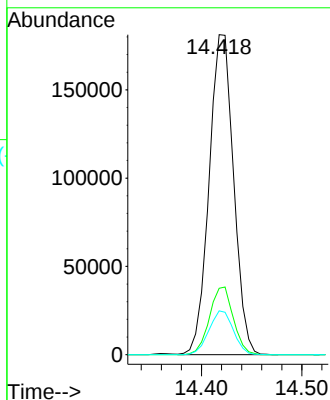
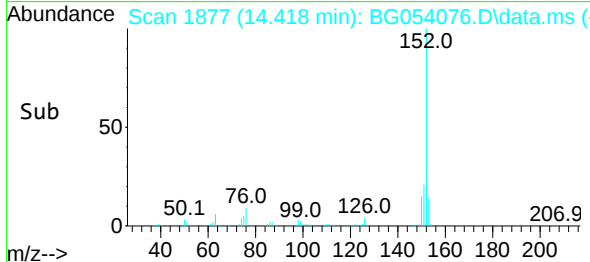
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



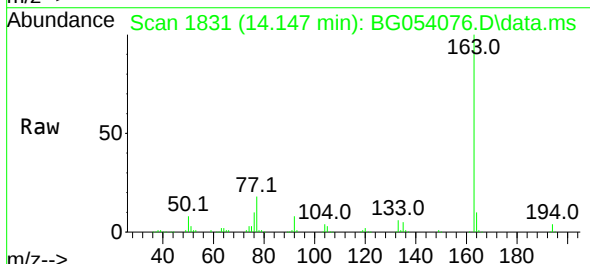
Tgt Ion:152 Resp: 307614
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.7 10.8 16.2

Manual Integrations
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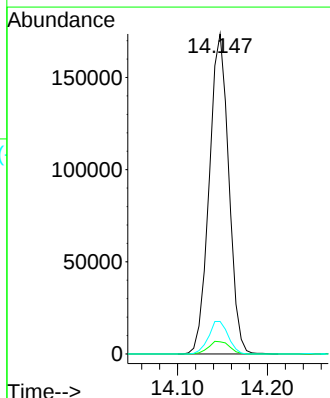
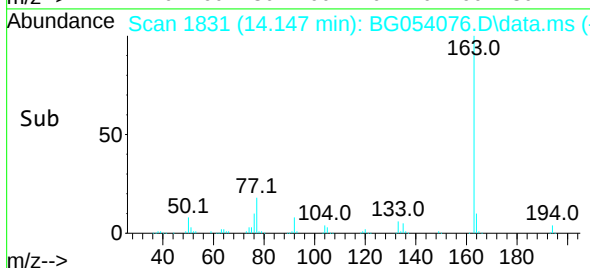
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

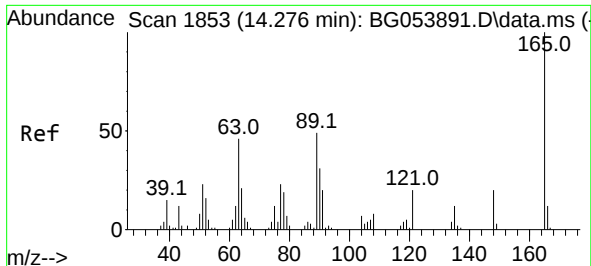


#50
Dimethylphthalate
Concen: 44.358 ng
RT: 14.147 min Scan# 1831
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



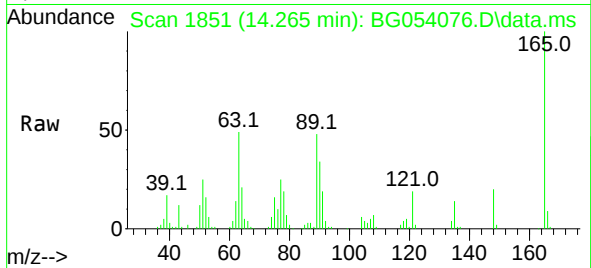
Tgt Ion:163 Resp: 261724
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 48.964 ng
RT: 14.265 min Scan# 1851
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

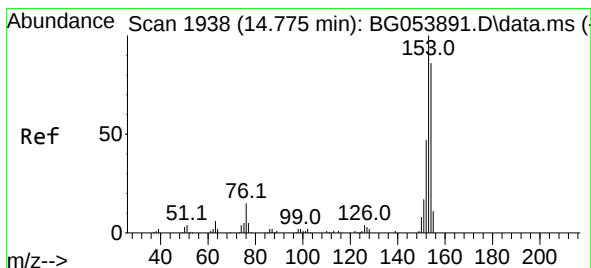
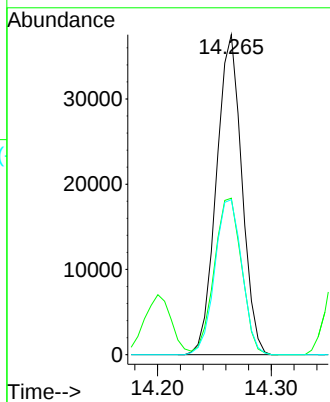
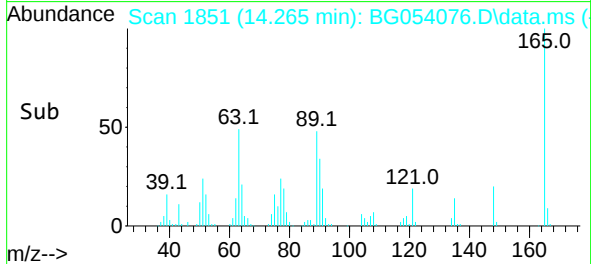
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



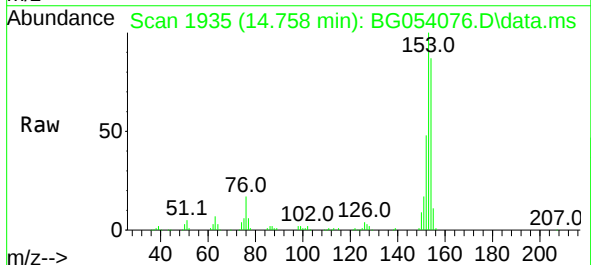
Tgt Ion:165 Resp: 58370
Ion Ratio Lower Upper
165 100
63 48.9 54.1 81.1
89 48.4 54.8 82.2

Manual Integrations
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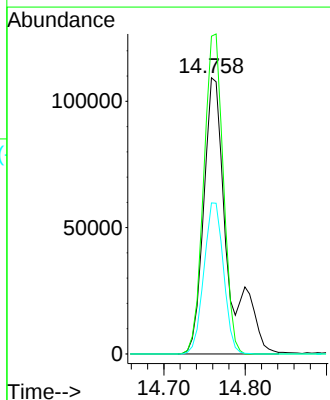
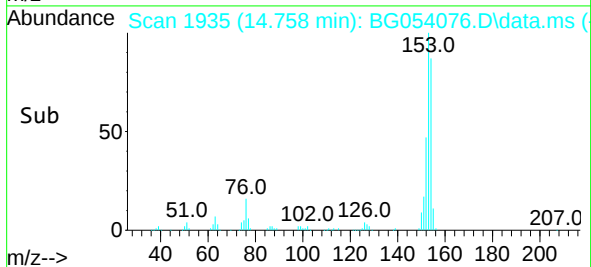
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

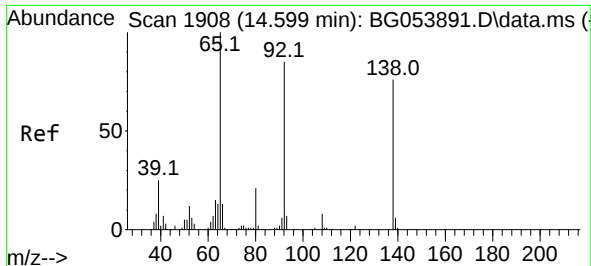


#52
Acenaphthene
Concen: 51.468 ng m
RT: 14.758 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



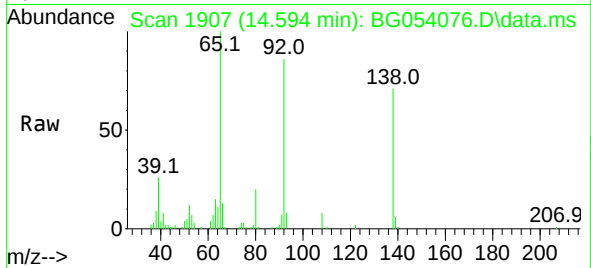
Tgt Ion:154 Resp: 222801
Ion Ratio Lower Upper
154 100
153 115.1 92.7 139.1
152 54.7 42.6 64.0





#53
3-Nitroaniline
Concen: 22.891 ng
RT: 14.594 min Scan# 1908
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

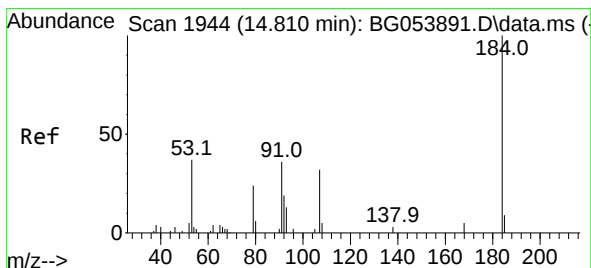
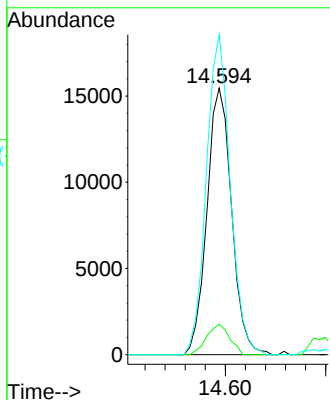
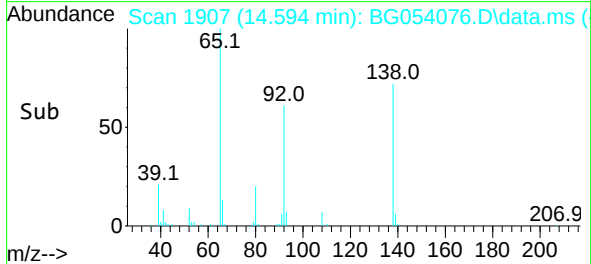
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:138 Resp: 26438
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 120.1 101.9 152.9

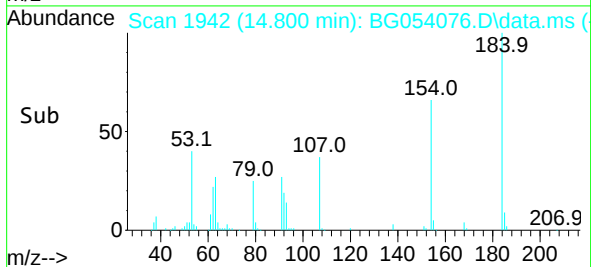
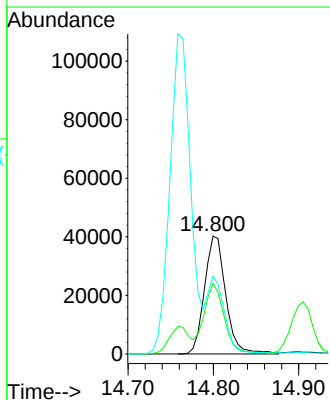
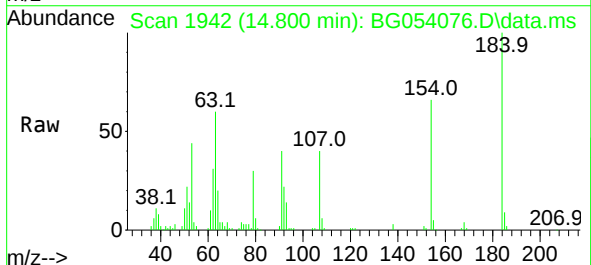
Manual Integrations
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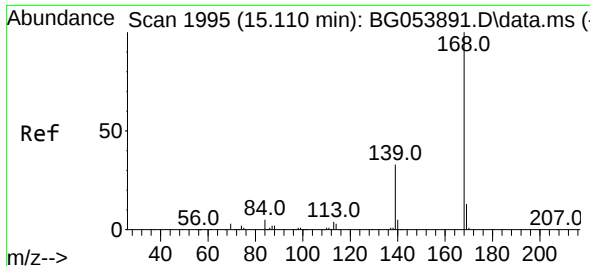
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#54
2,4-Dinitrophenol
Concen: 103.805 ng
RT: 14.800 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

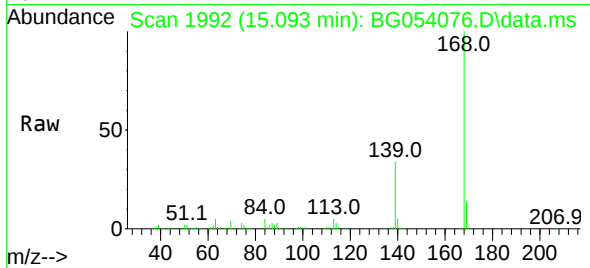
Tgt Ion:184 Resp: 69795
Ion Ratio Lower Upper
184 100
63 59.9 61.1 91.7#
154 66.0 60.6 91.0





#55
Dibenzenofuran
Concen: 44.497 ng
RT: 15.093 min Scan# 1995
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

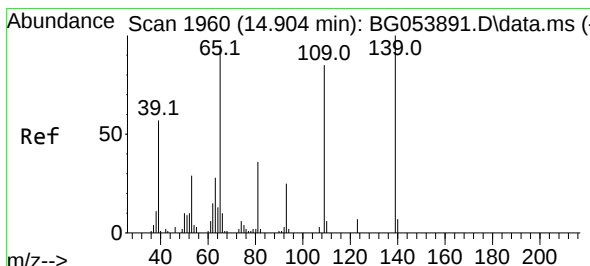
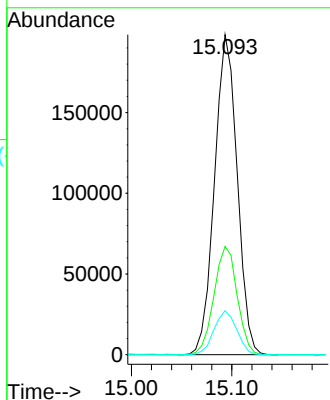
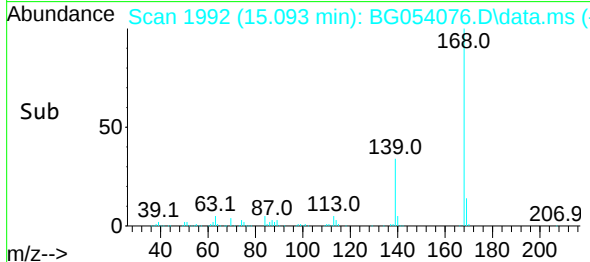
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:168 Resp: 310348
Ion Ratio Lower Upper
168 100
139 33.9 30.5 45.7
169 13.8 10.3 15.5

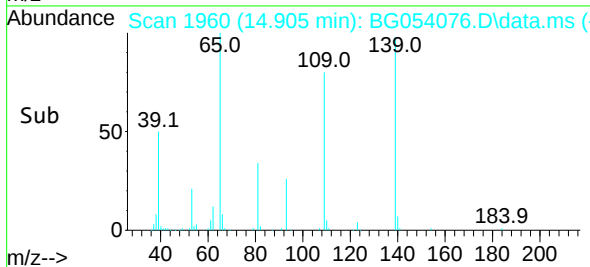
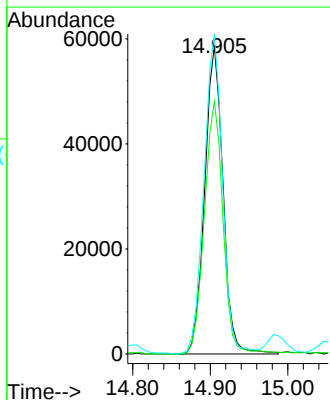
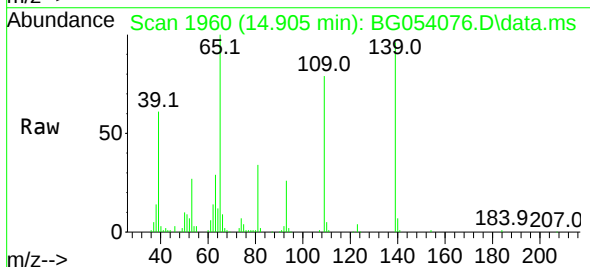
Manual Integrations
APPROVED

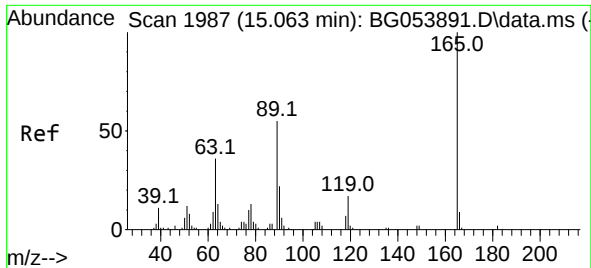
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#56
4-Nitrophenol
Concen: 117.081 ng
RT: 14.905 min Scan# 1960
Delta R.T. 0.008 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

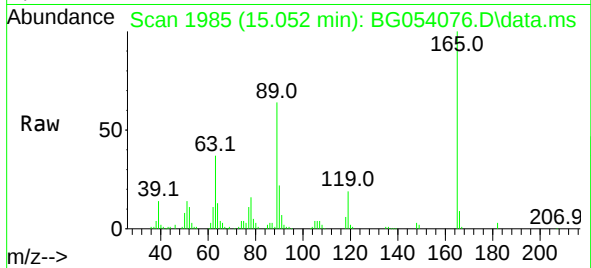
Tgt Ion:139 Resp: 96002
Ion Ratio Lower Upper
139 100
109 82.1 88.5 128.5#
65 103.9 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 50.105 ng
RT: 15.052 min Scan# 1985
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

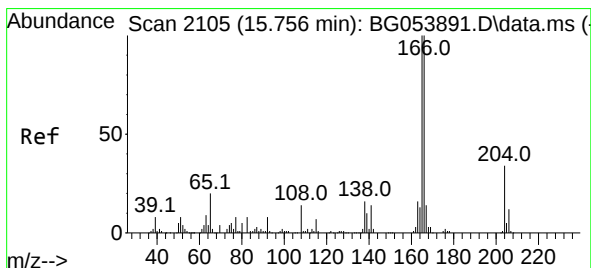
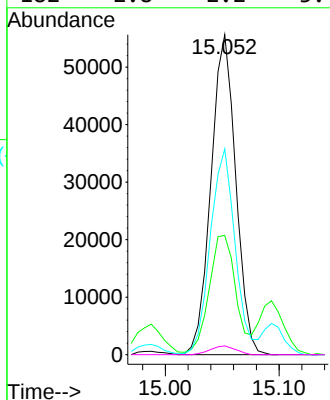
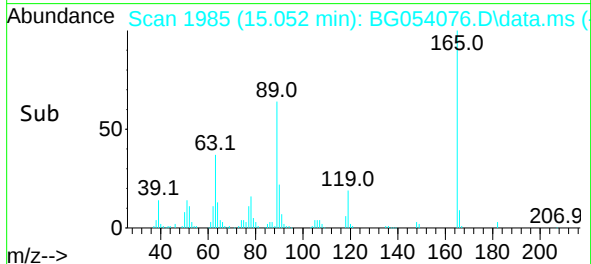
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:165 Resp: 84350
Ion Ratio Lower Upper
165 100
63 37.2 34.6 52.0
89 64.3 60.3 90.5
182 2.8 2.2 3.4

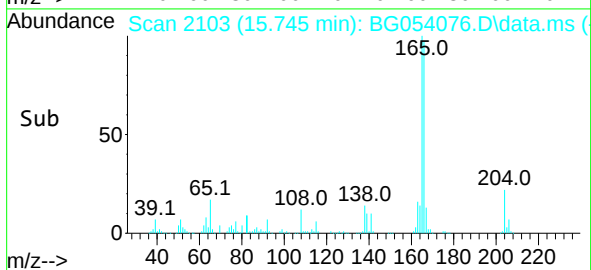
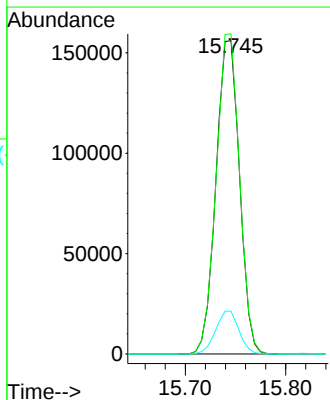
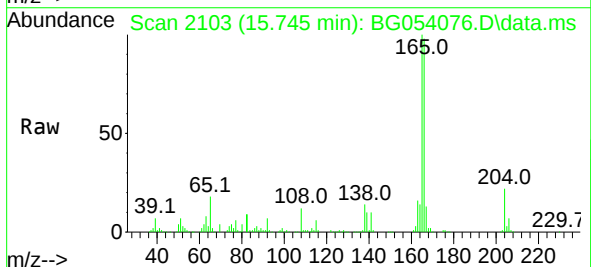
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#58
Fluorene
Concen: 44.421 ng
RT: 15.745 min Scan# 2103
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

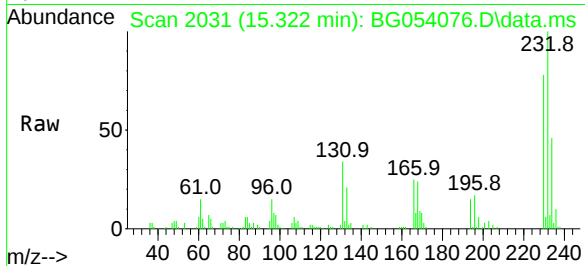
Tgt Ion:166 Resp: 254380
Ion Ratio Lower Upper
166 100
165 102.1 75.0 112.6
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.149 ng
RT: 15.322 min Scan# 2032
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

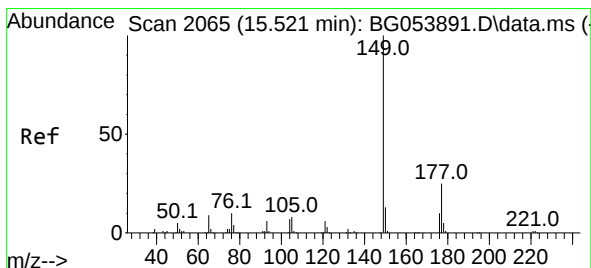
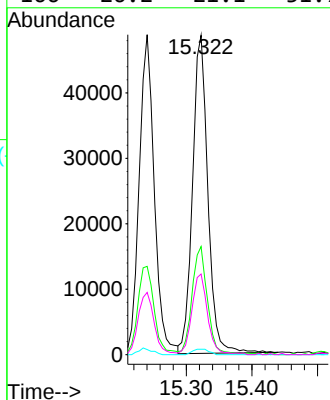
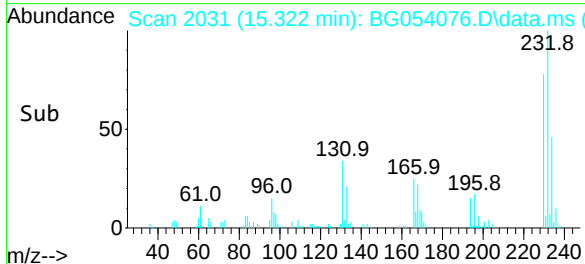
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



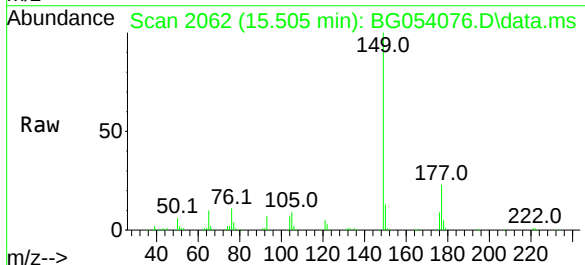
Tgt Ion:232 Resp: 79008
Ion Ratio Lower Upper
232 100
131 32.9 30.6 46.0
130 1.9 1.8 2.8
166 26.2 21.1 31.7

Manual Integrations
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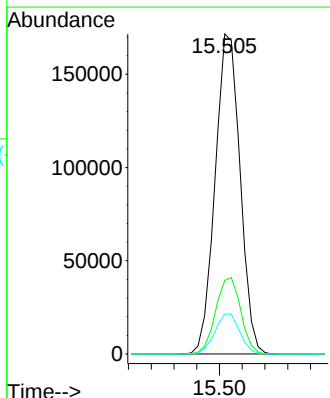
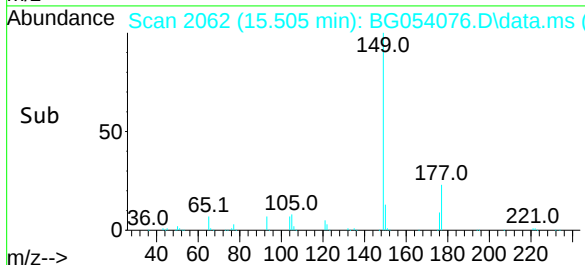
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

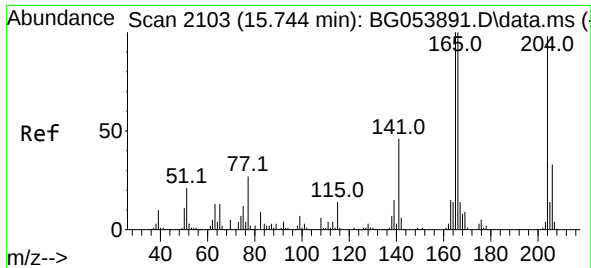


#60
Diethylphthalate
Concen: 45.793 ng
RT: 15.505 min Scan# 2062
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



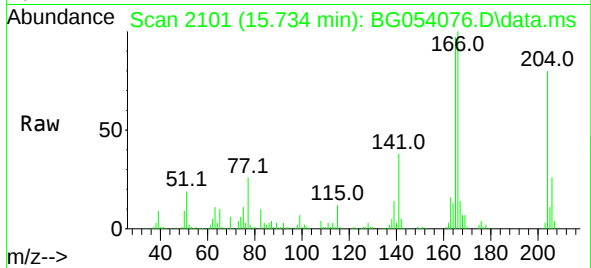
Tgt Ion:149 Resp: 261662
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 42.105 ng
RT: 15.734 min Scan# 2103
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

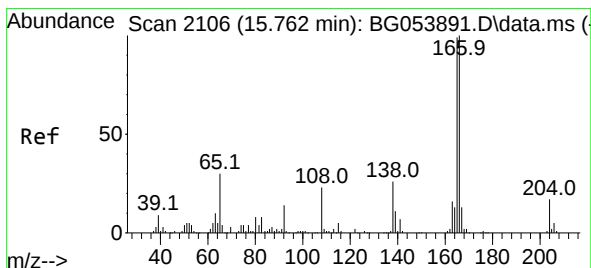
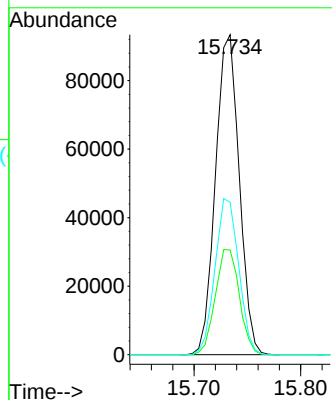
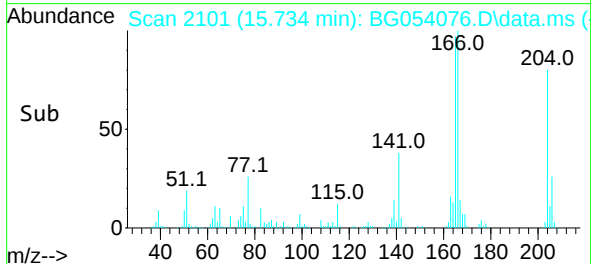
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



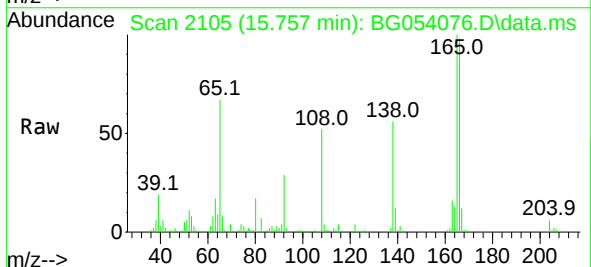
Tgt Ion:204 Resp: 144350
Ion Ratio Lower Upper
204 100
206 32.7 27.5 41.3
141 47.6 45.3 67.9

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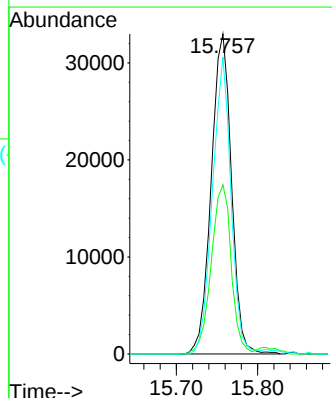
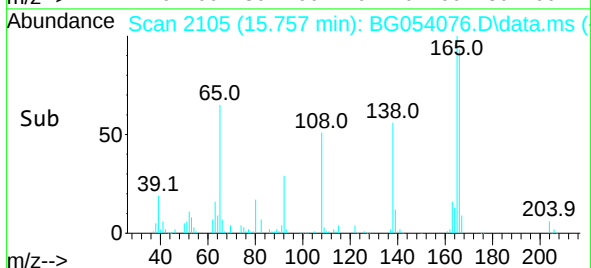
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

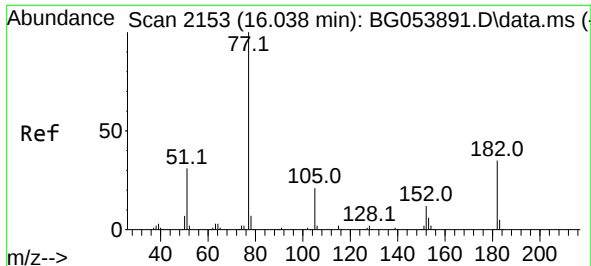


#62
4-Nitroaniline
Concen: 47.359 ng
RT: 15.757 min Scan# 2105
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



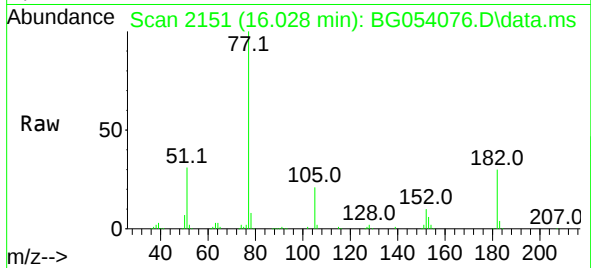
Tgt Ion:138 Resp: 57041
Ion Ratio Lower Upper
138 100
92 52.9 40.5 80.5
108 92.7 103.7 143.7#





#63
Azobenzene
Concen: 49.830 ng
RT: 16.028 min Scan# 2153
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

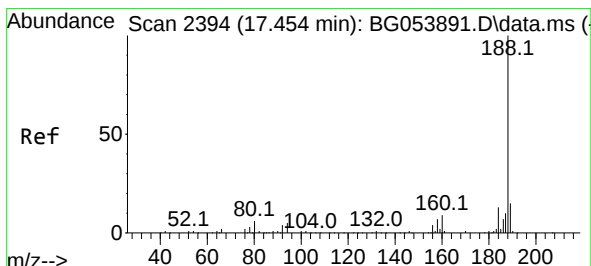
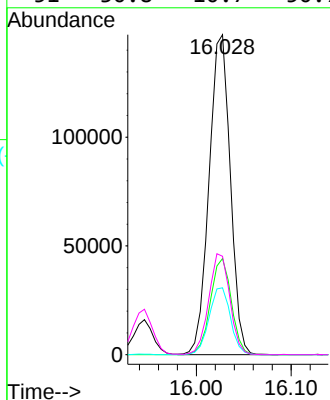
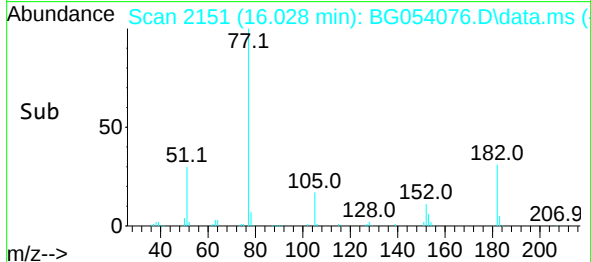
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



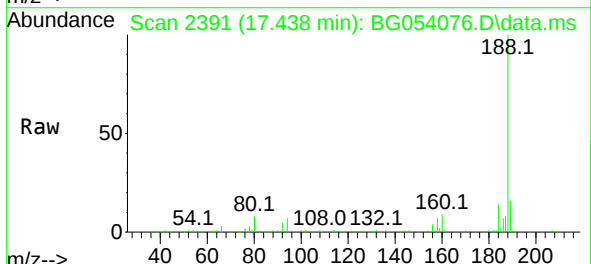
Tgt Ion: 77 Resp: 22919
Ion Ratio Lower Upper
77 100
182 30.1 3.8 43.8
105 20.9 0.0 37.8
51 30.8 10.7 50.7

Manual Integrations
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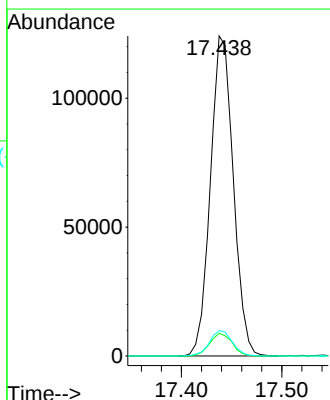
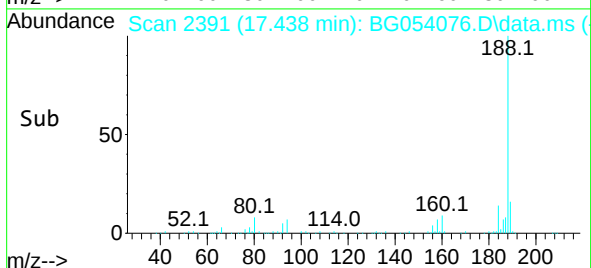
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

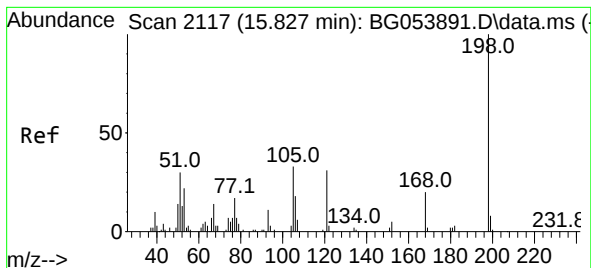


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.438 min Scan# 2391
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



Tgt Ion:188 Resp: 197092
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.9 6.8 10.2





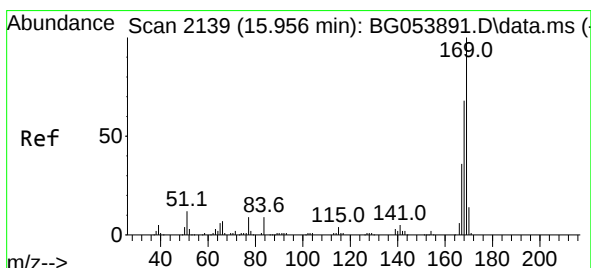
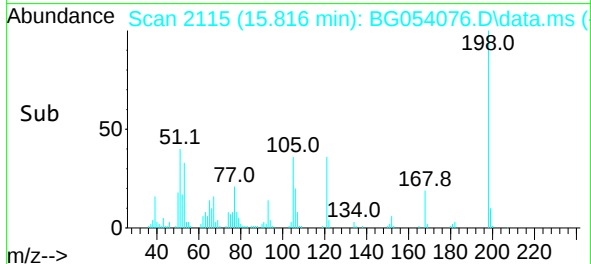
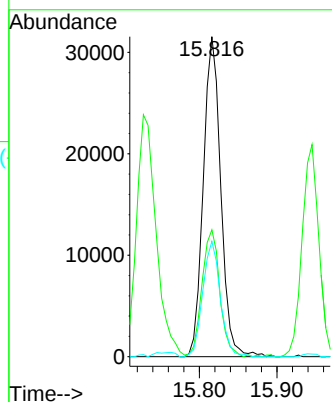
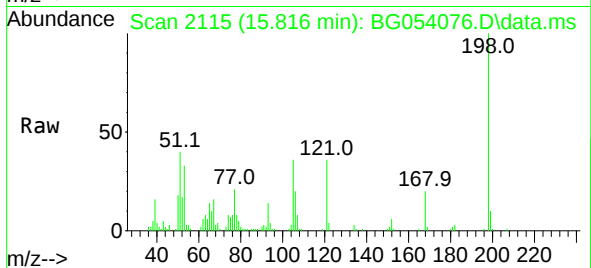
#65
4,6-Dinitro-2-methylphenol
Concen: 50.239 ng
RT: 15.816 min Scan# 2115
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:198 Resp: 49400
Ion Ratio Lower Upper
198 100
51 39.6 28.1 68.1
105 36.1 20.3 60.3

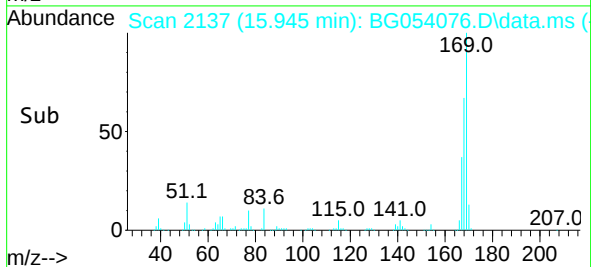
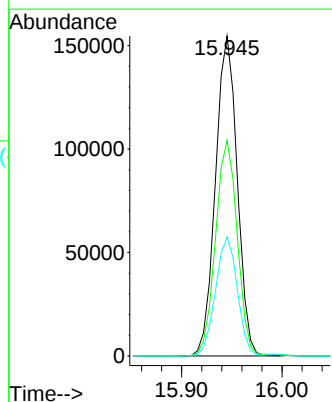
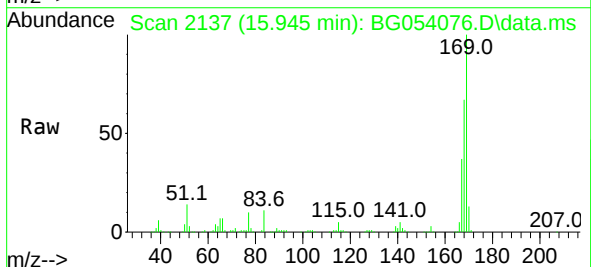
Manual Integrations
APPROVED

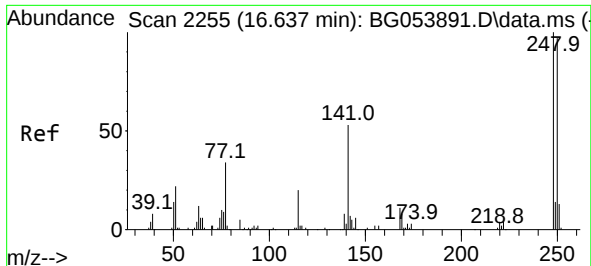
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#66
n-Nitrosodiphenylamine
Concen: 45.296 ng
RT: 15.945 min Scan# 2137
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

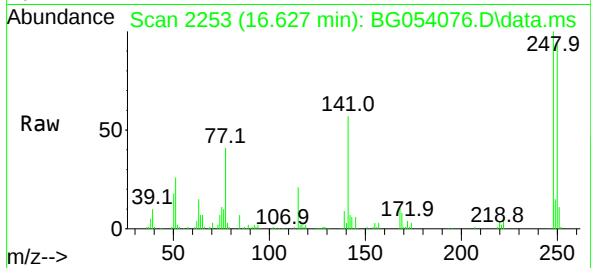
Tgt Ion:169 Resp: 232670
Ion Ratio Lower Upper
169 100
168 67.3 55.9 83.9
167 37.2 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 41.410 ng
RT: 16.627 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

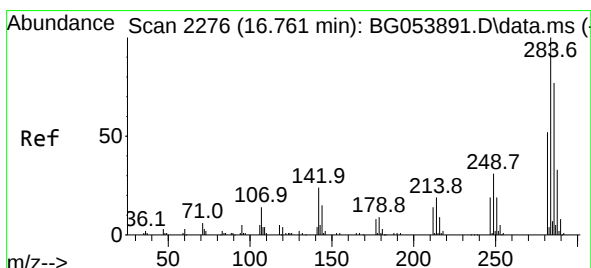
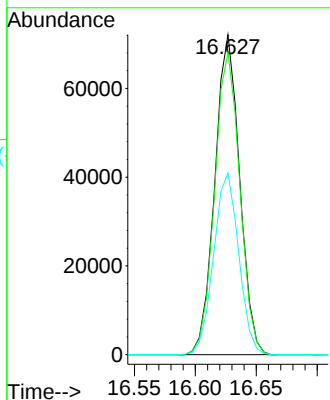
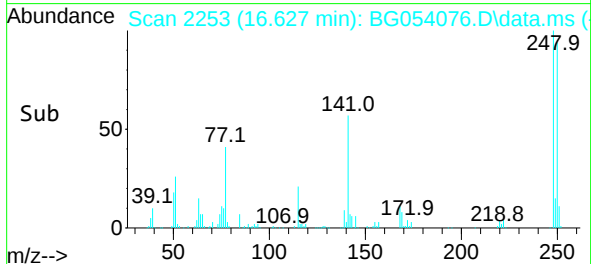
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



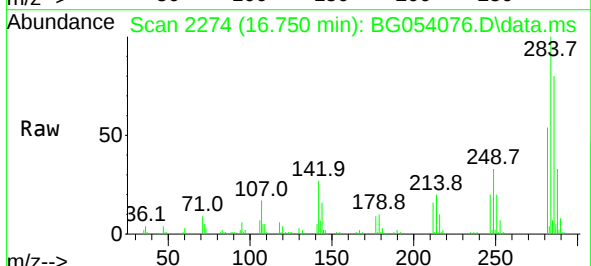
Tgt Ion:248 Resp: 101938
Ion Ratio Lower Upper
248 100
250 94.5 75.2 112.8
141 56.8 50.0 75.0

Manual Integrations
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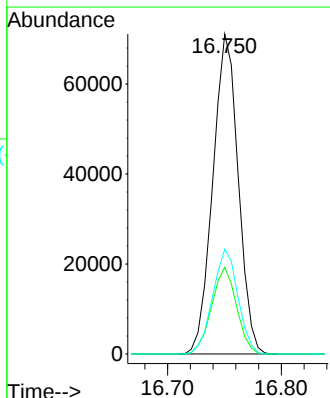
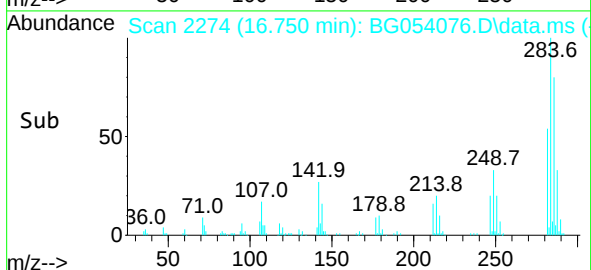
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

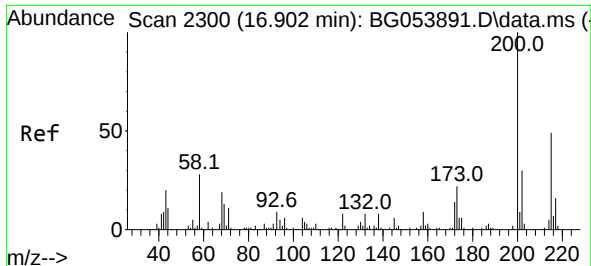


#68
Hexachlorobenzene
Concen: 39.136 ng
RT: 16.750 min Scan# 2274
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



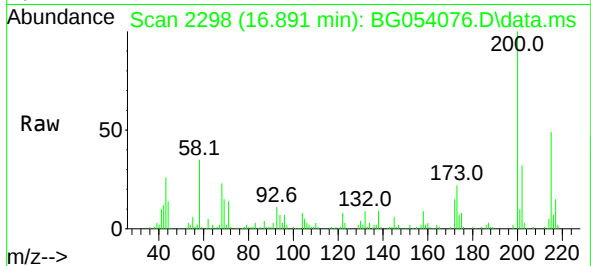
Tgt Ion:284 Resp: 110198
Ion Ratio Lower Upper
284 100
142 27.1 23.6 35.4
249 35.2 25.8 38.6





#69
 Atrazine
 Concen: 50.461 ng
 RT: 16.891 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16

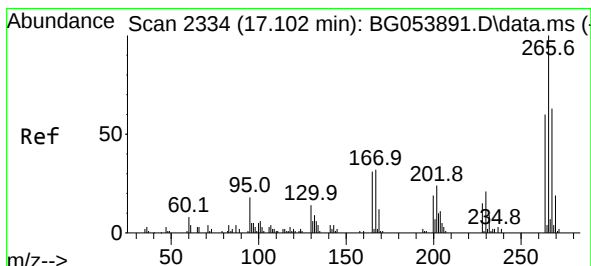
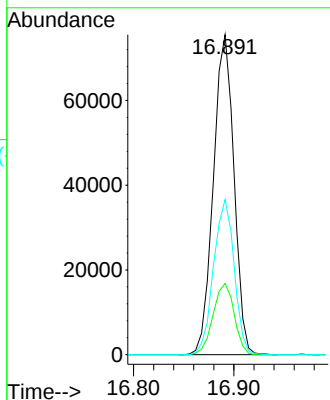
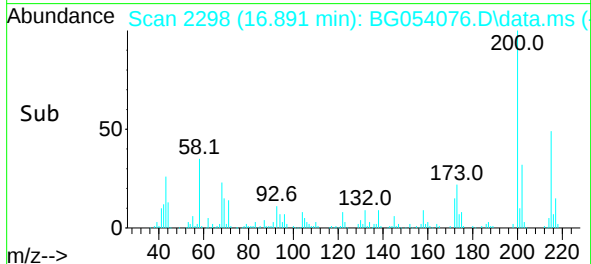
Instrument :
 BNA_G
 ClientSampleId :
 SB-7-16-18-20220623MSD



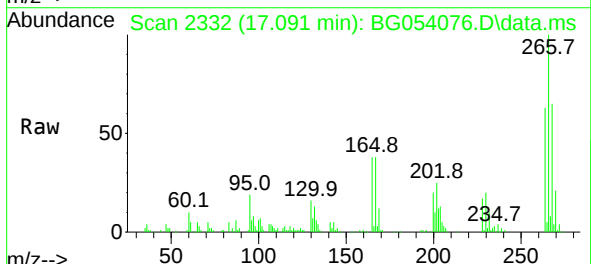
Tgt Ion:200 Resp: 107374
 Ion Ratio Lower Upper
 200 100
 173 22.3 3.7 43.7
 215 48.5 25.2 65.2

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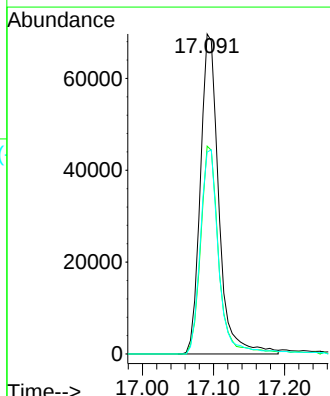
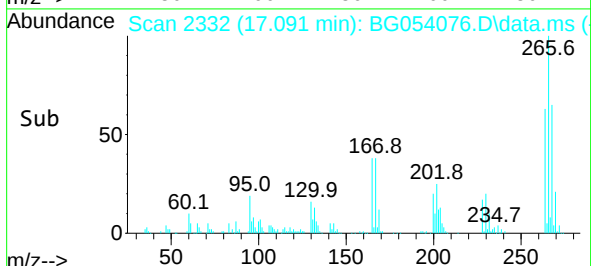
Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022

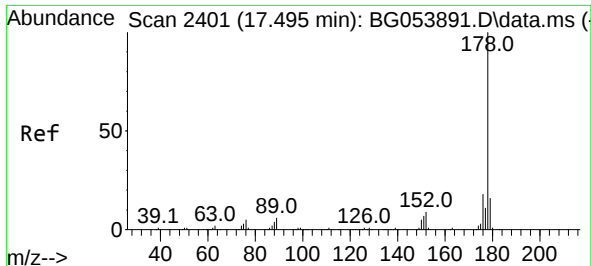


#70
 Pentachlorophenol
 Concen: 95.877 ng
 RT: 17.091 min Scan# 2332
 Delta R.T. -0.004 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16



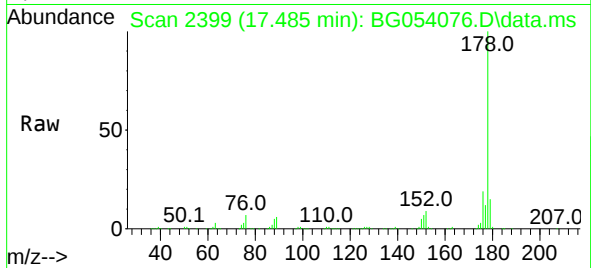
Tgt Ion:266 Resp: 125405
 Ion Ratio Lower Upper
 266 100
 268 69.4 56.2 84.2
 264 63.1 53.0 79.4





#71
Phenanthrene
Concen: 44.531 ng
RT: 17.485 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

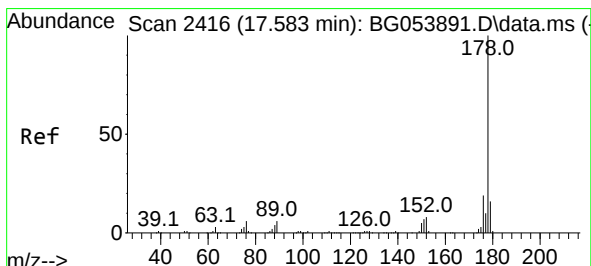
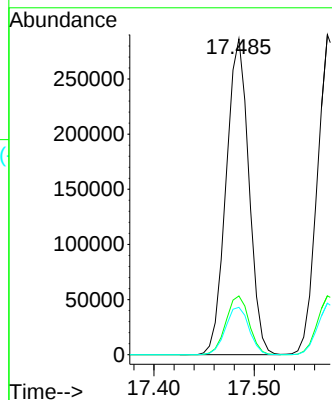
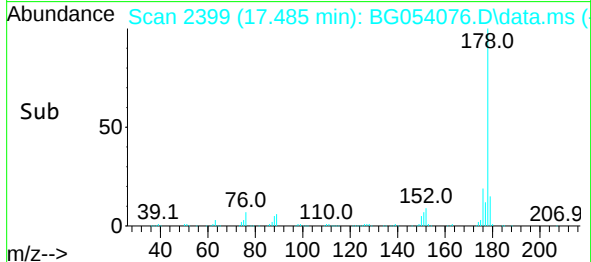
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



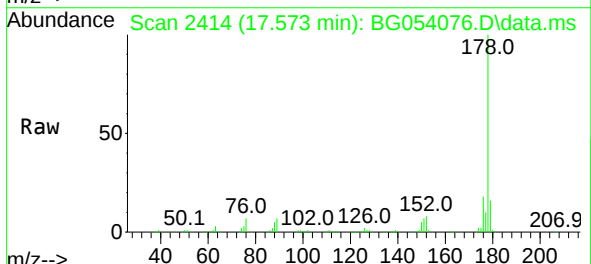
Tgt Ion:178 Resp: 450924
Ion Ratio Lower Upper
178 100
176 18.6 14.1 21.1
179 15.0 12.1 18.1

Manual Integrations
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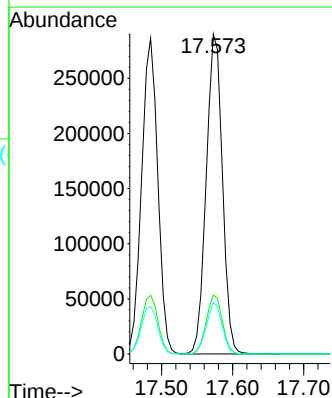
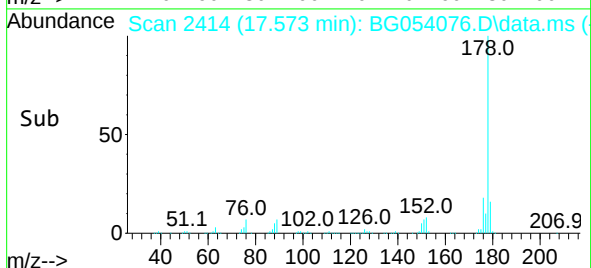
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

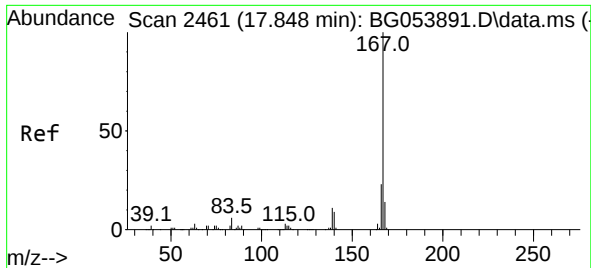


#72
Anthracene
Concen: 46.508 ng
RT: 17.573 min Scan# 2414
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



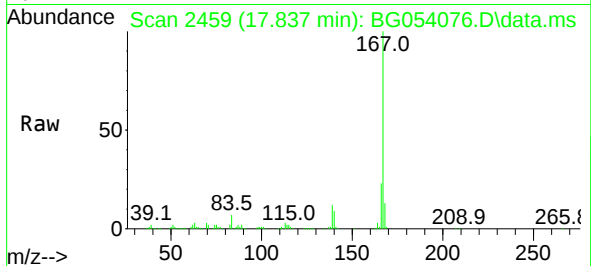
Tgt Ion:178 Resp: 459887
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 16.1 13.0 19.4





#73
 Carbazole
 Concen: 49.298 ng
 RT: 17.837 min Scan# 2461
 Delta R.T. -0.004 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16

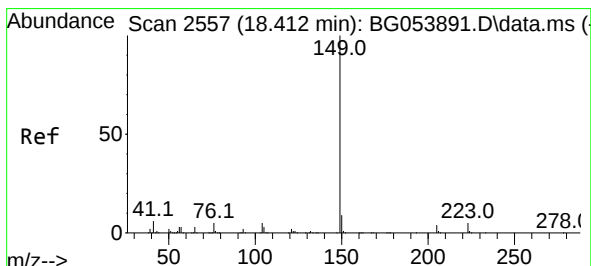
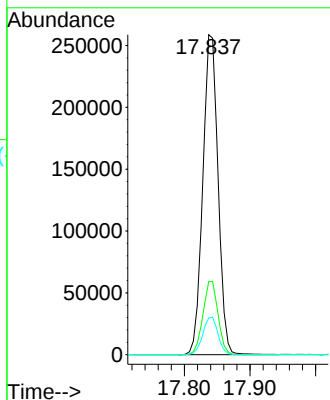
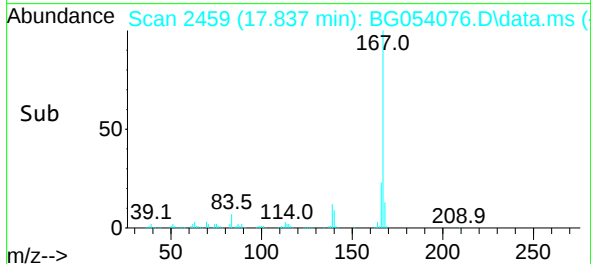
Instrument :
 BNA_G
 ClientSampleId :
 SB-7-16-18-20220623MSD



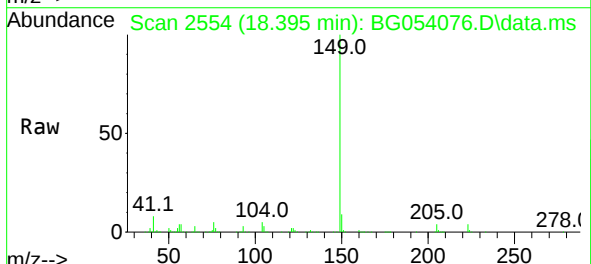
Tgt Ion:167 Resp: 41842
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 11.5 10.1 15.1

Manual Integrations
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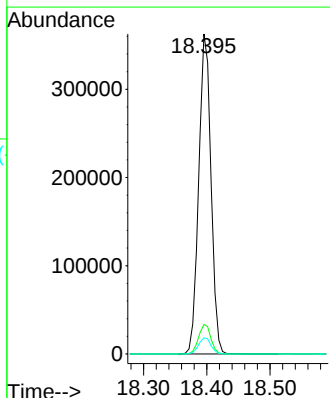
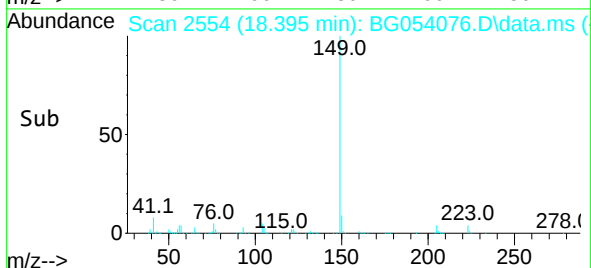
Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022

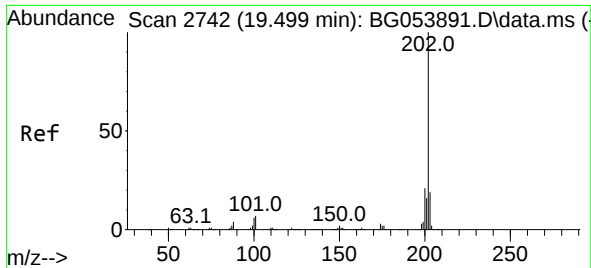


#74
 Di-n-butylphthalate
 Concen: 49.634 ng
 RT: 18.395 min Scan# 2554
 Delta R.T. -0.004 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16



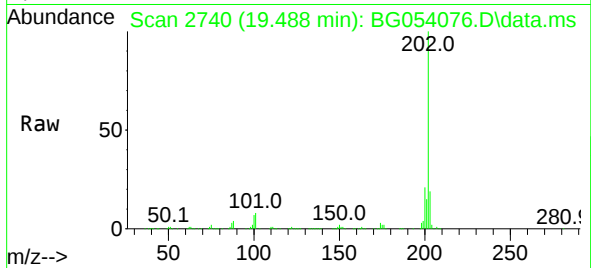
Tgt Ion:149 Resp: 487083
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.0 5.4 8.0#





#75
Fluoranthene
Concen: 44.995 ng
RT: 19.488 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

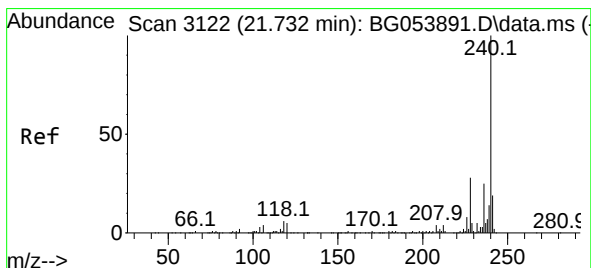
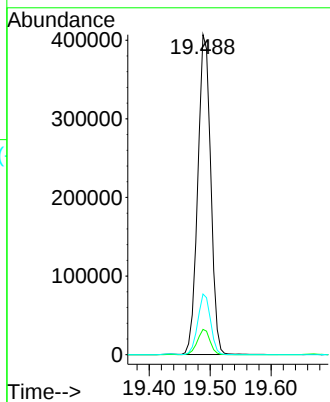
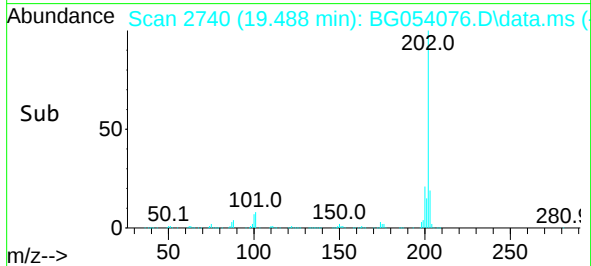
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



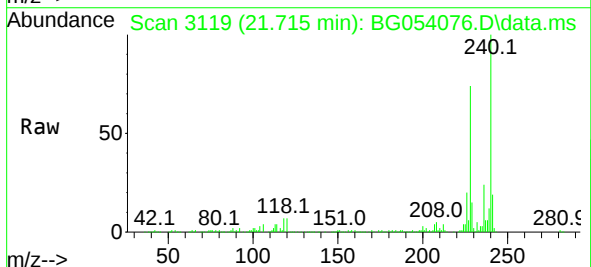
Tgt Ion:202 Resp: 598109
Ion Ratio Lower Upper
202 100
101 7.9 0.0 26.9
203 19.0 0.0 37.2

Manual Integrations
APPROVED

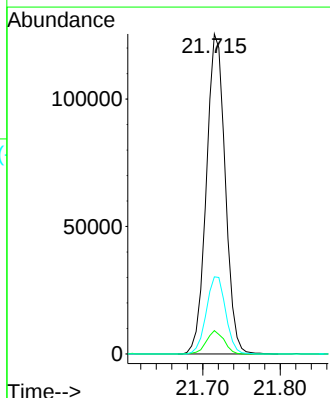
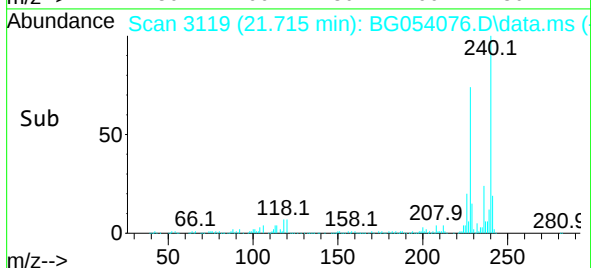
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

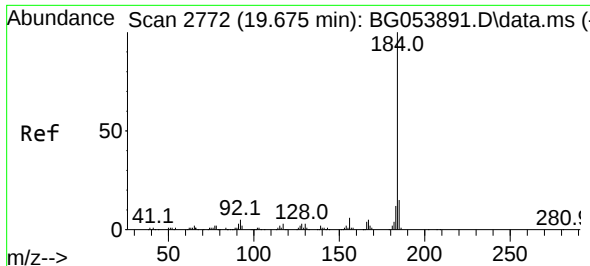


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



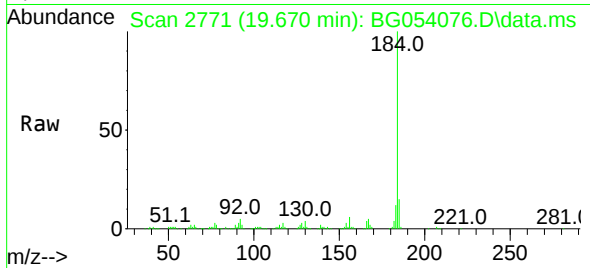
Tgt Ion:240 Resp: 212088
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 24.1 20.2 30.4





#77
Benzidine
Concen: 59.570 ng
RT: 19.670 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

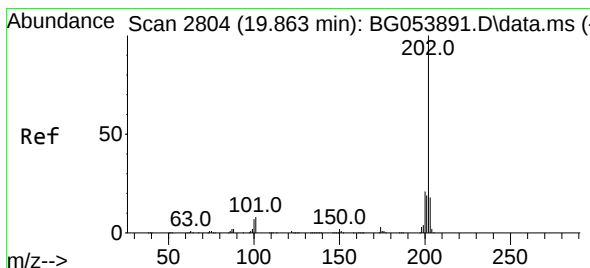
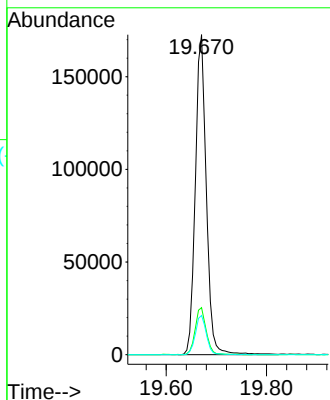
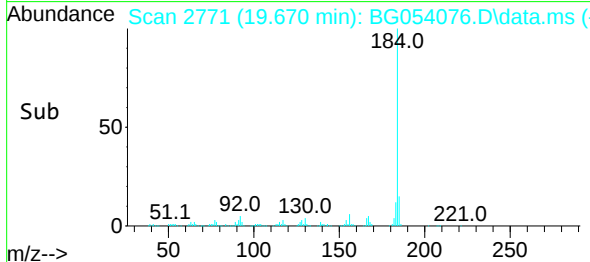
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:184 Resp: 26163
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.2 8.9 13.3

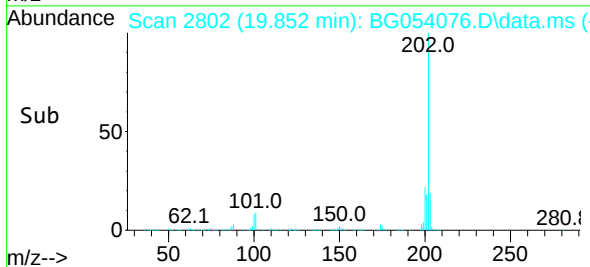
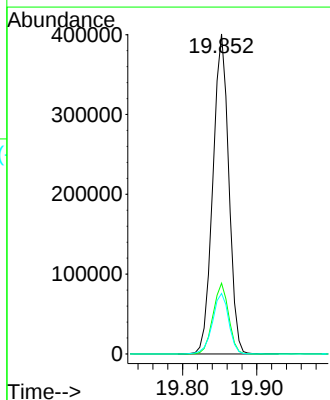
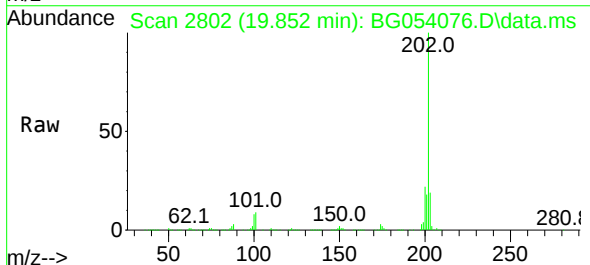
Manual Integrations
APPROVED

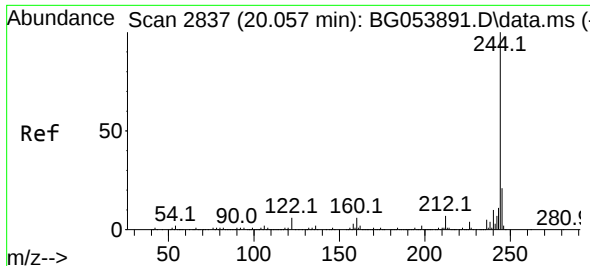
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#78
Pyrene
Concen: 46.485 ng
RT: 19.852 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

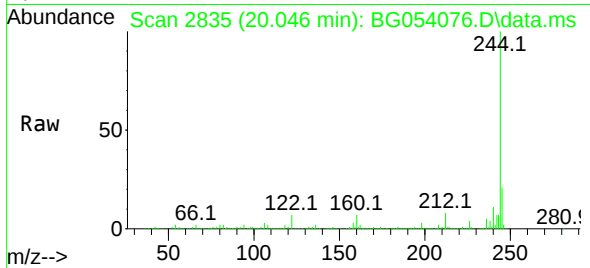
Tgt Ion:202 Resp: 595456
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 18.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 94.476 ng
 RT: 20.046 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16

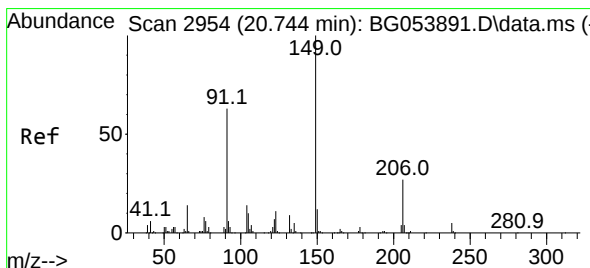
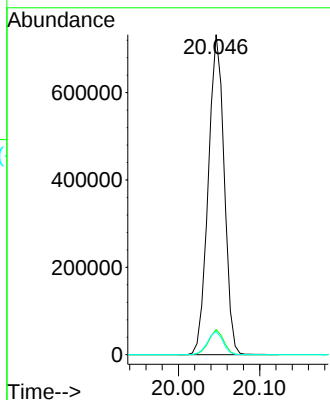
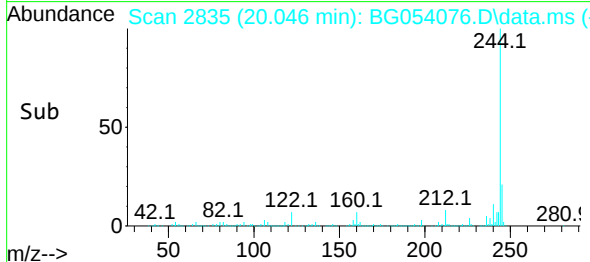
Instrument :
 BNA_G
 ClientSampleId :
 SB-7-16-18-20220623MSD



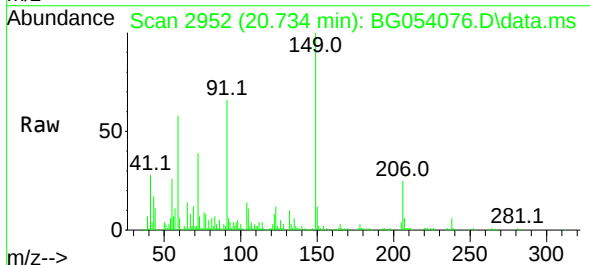
Tgt Ion:244 Resp: 99485
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.2 5.0 7.4

Manual Integrations
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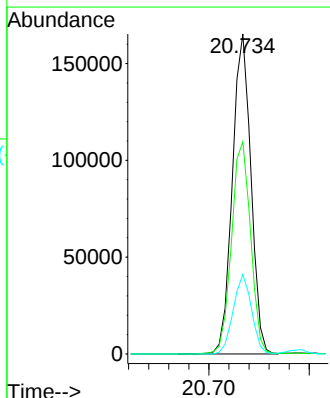
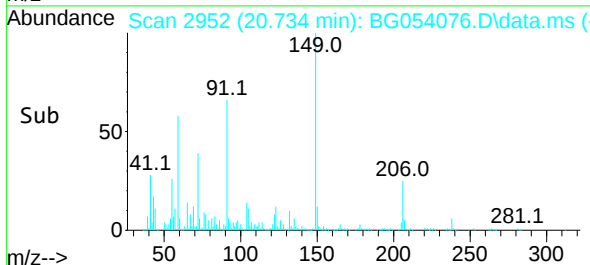
Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022

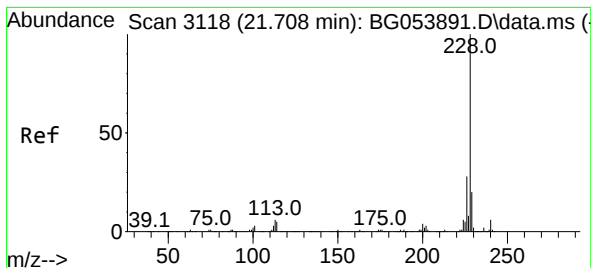


#80
 Butylbenzylphthalate
 Concen: 51.654 ng
 RT: 20.734 min Scan# 2952
 Delta R.T. 0.002 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16



Tgt Ion:149 Resp: 212085
 Ion Ratio Lower Upper
 149 100
 91 66.3 59.6 89.4
 206 24.9 18.6 28.0





#81

Benzo(a)anthracene

Concen: 44.896 ng

RT: 21.697 min Scan# 3116

Delta R.T. 0.002 min

Lab File: BG054076.D

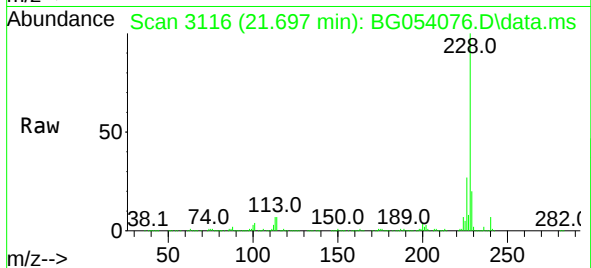
Acq: 26 Jun 2022 17:16

Instrument :

BNA_G

ClientSampleId :

SB-7-16-18-20220623MSD



Tgt Ion:228 Resp: 616529

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

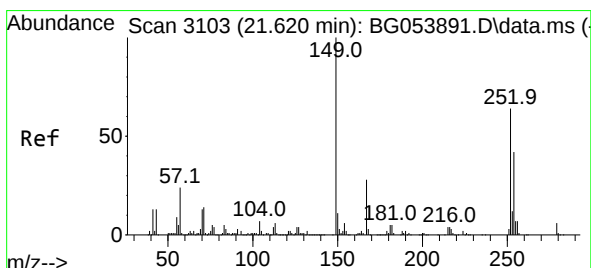
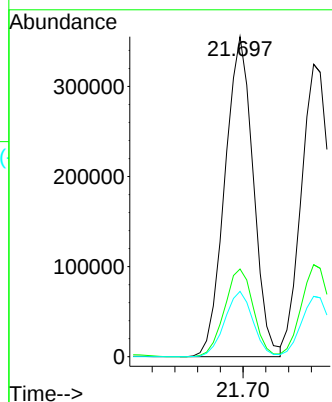
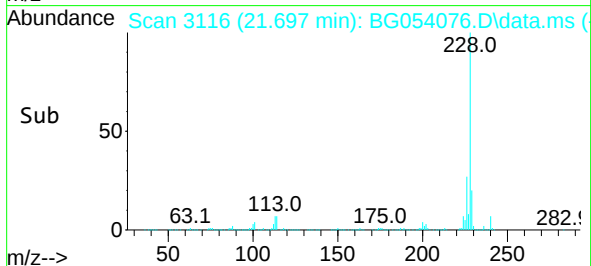
229 20.4 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#82

3,3'-Dichlorobenzidine

Concen: 40.698 ng

RT: 21.609 min Scan# 3101

Delta R.T. 0.002 min

Lab File: BG054076.D

Acq: 26 Jun 2022 17:16

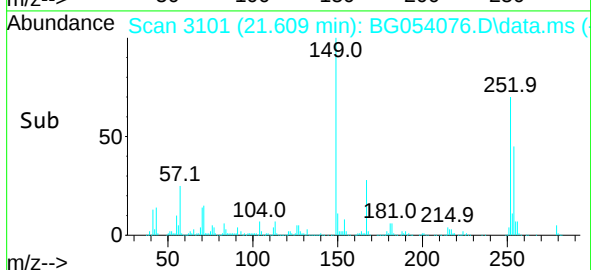
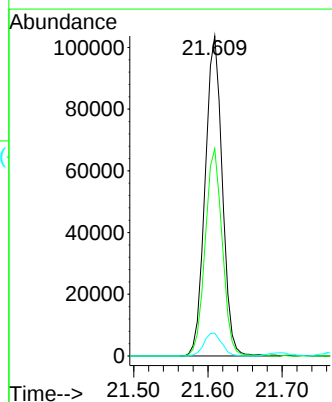
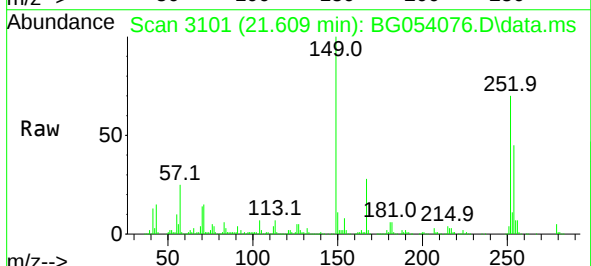
Tgt Ion:252 Resp: 166976

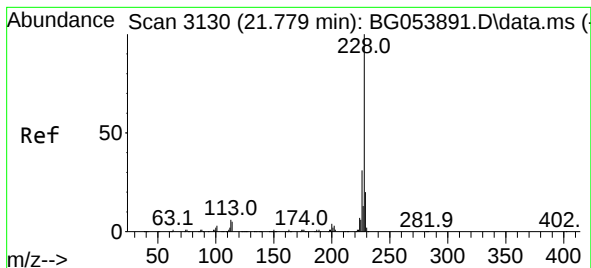
Ion Ratio Lower Upper

252 100

254 64.7 49.8 74.8

126 7.2 6.0 9.0





#83

Chrysene

Concen: 43.239 ng

RT: 21.762 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG054076.D

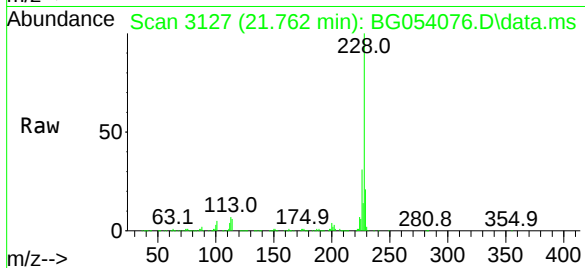
Acq: 26 Jun 2022 17:16

Instrument :

BNA_G

ClientSampleId :

SB-7-16-18-20220623MSD



Tgt Ion:228 Resp: 565980

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.2

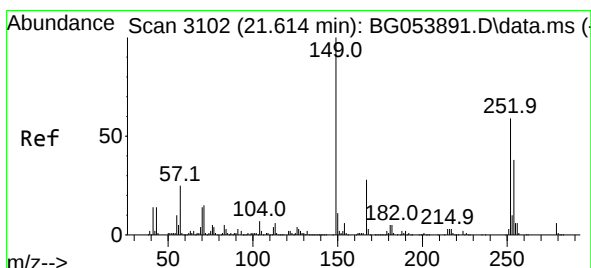
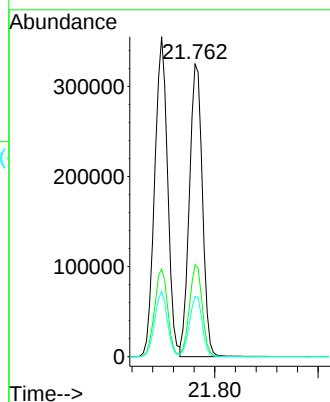
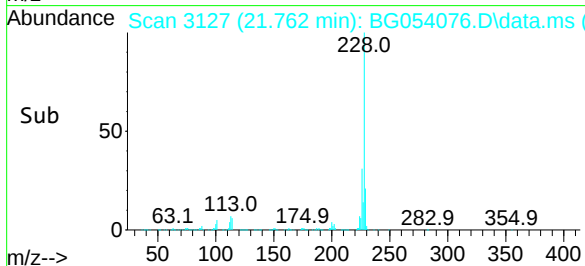
229 20.6 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.974 ng

RT: 21.603 min Scan# 3100

Delta R.T. 0.002 min

Lab File: BG054076.D

Acq: 26 Jun 2022 17:16

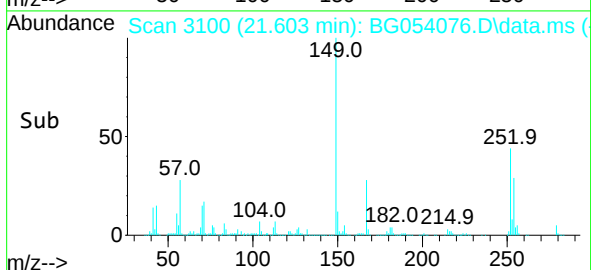
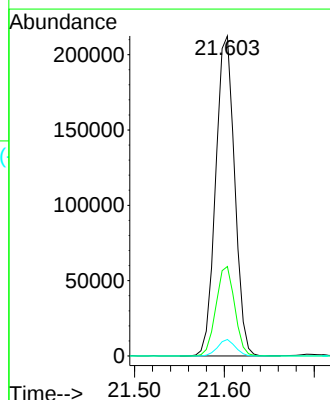
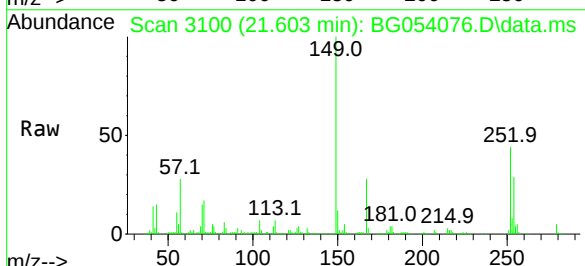
Tgt Ion:149 Resp: 311076

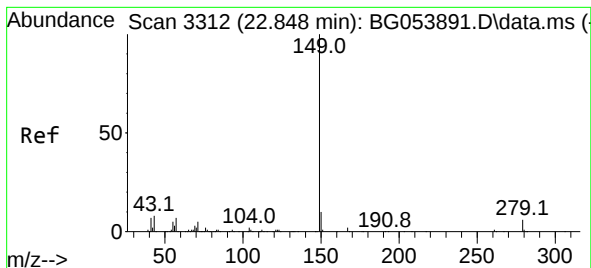
Ion Ratio Lower Upper

149 100

167 27.9 20.2 30.4

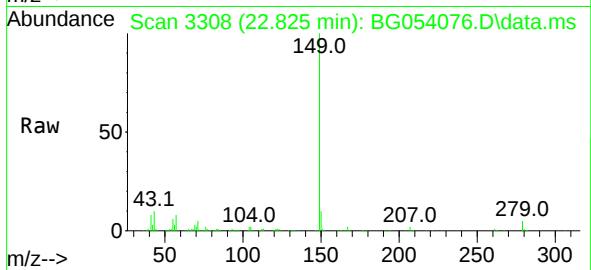
279 5.1 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 53.085 ng
RT: 22.825 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

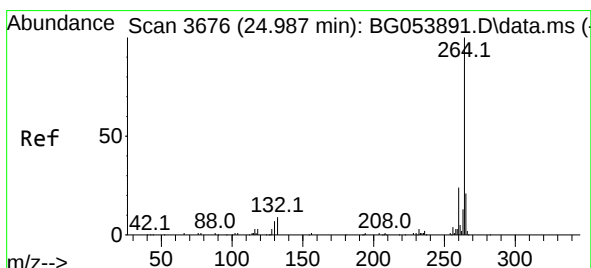
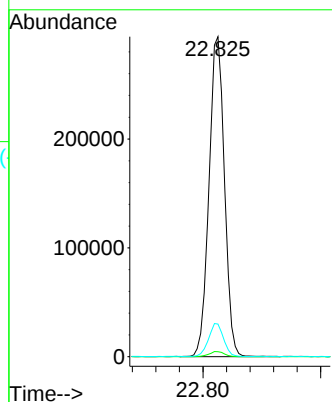
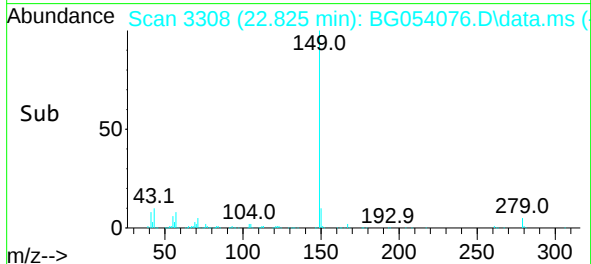
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:149 Resp: 53578
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 9.0 13.4

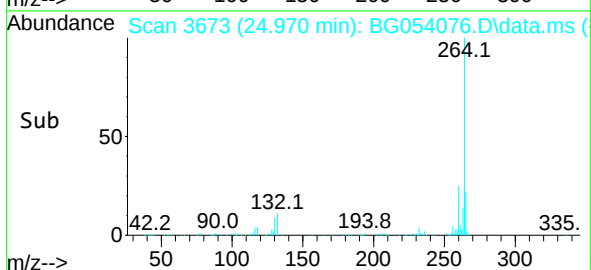
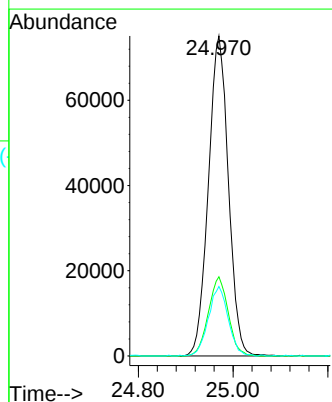
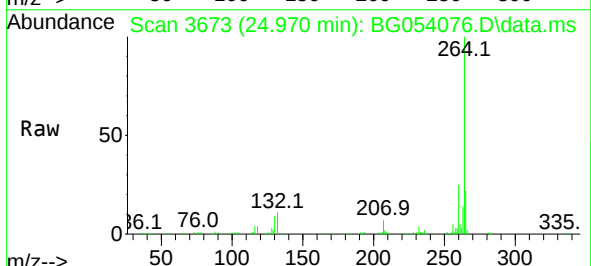
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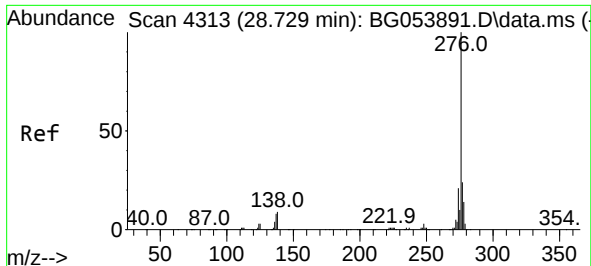
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.970 min Scan# 3673
Delta R.T. 0.008 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

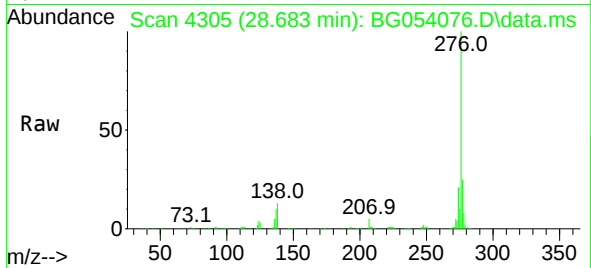
Tgt Ion:264 Resp: 219807
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.6
265 21.7 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.182 ng
 RT: 28.683 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16

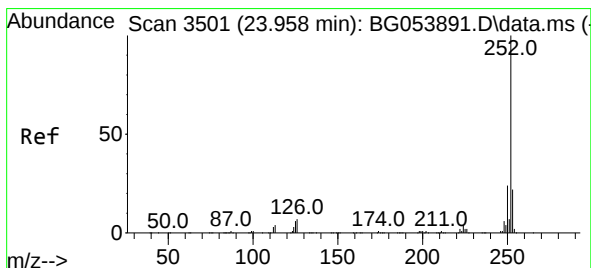
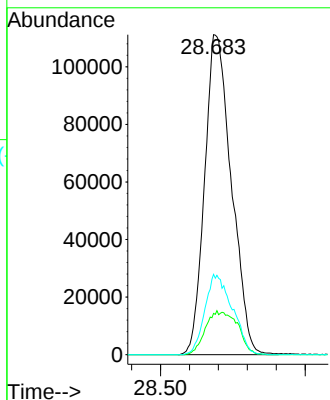
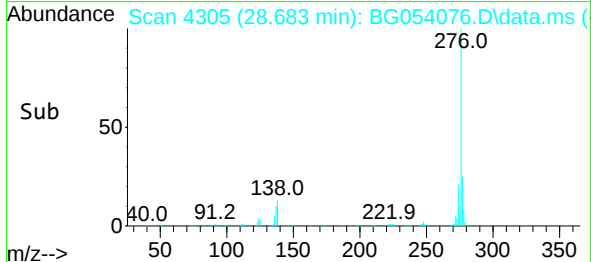
Instrument :
 BNA_G
 ClientSampleId :
 SB-7-16-18-20220623MSD



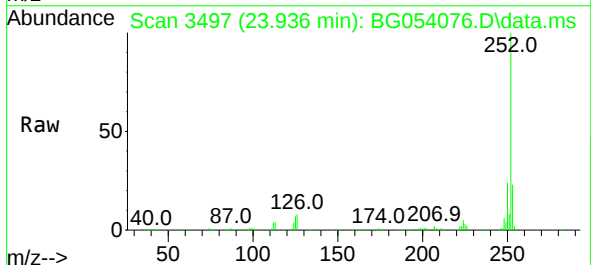
Tgt Ion:276 Resp: 71628
 Ion Ratio Lower Upper
 276 100
 138 7.1 5.0 7.4
 277 25.8 20.3 30.5

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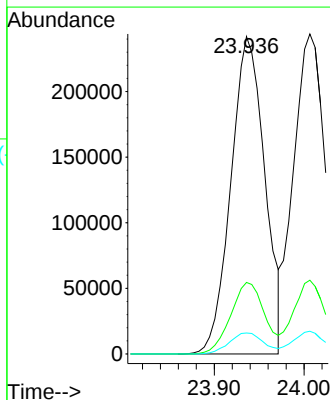
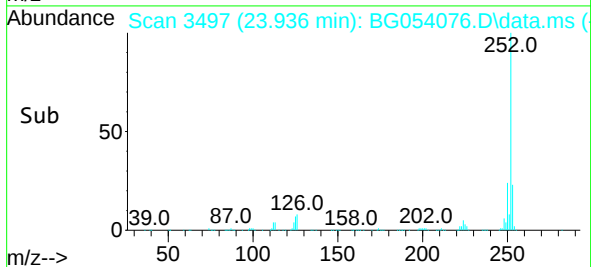
Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022

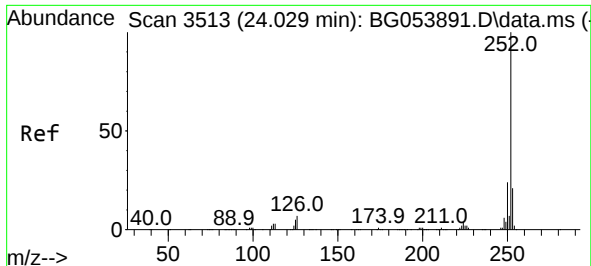


#88
 Benzo(b)fluoranthene
 Concen: 47.419 ng
 RT: 23.936 min Scan# 3497
 Delta R.T. 0.002 min
 Lab File: BG054076.D
 Acq: 26 Jun 2022 17:16



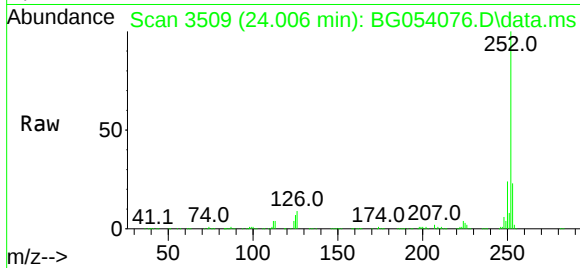
Tgt Ion:252 Resp: 633744
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 6.6 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 45.687 ng
RT: 24.006 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

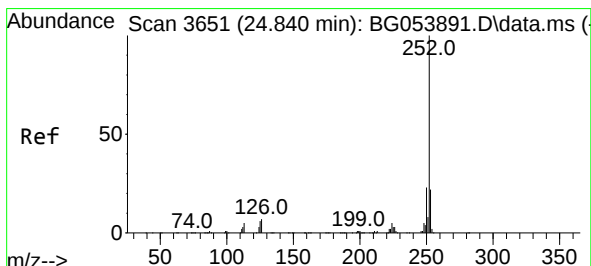
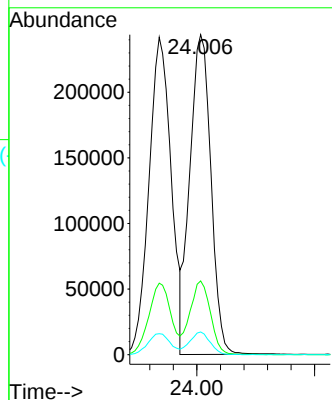
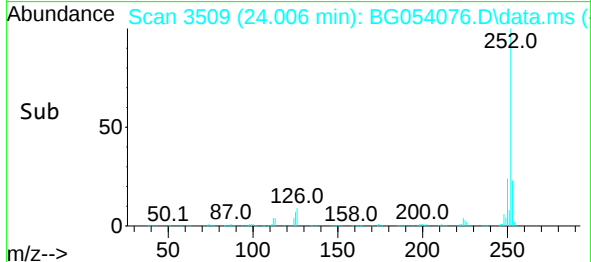
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



Tgt Ion:252 Resp: 604544
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 7.1 4.8 7.2

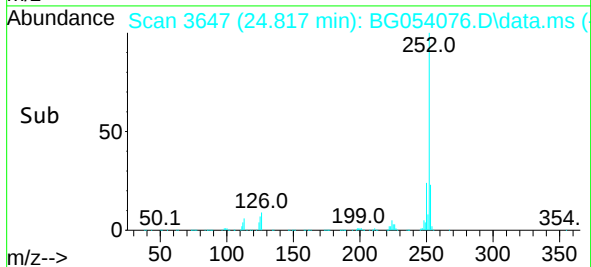
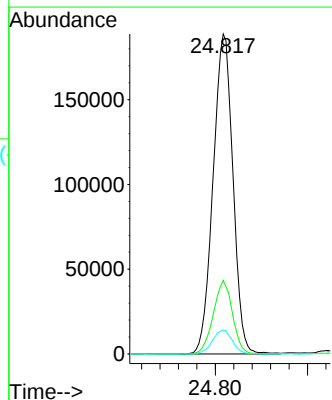
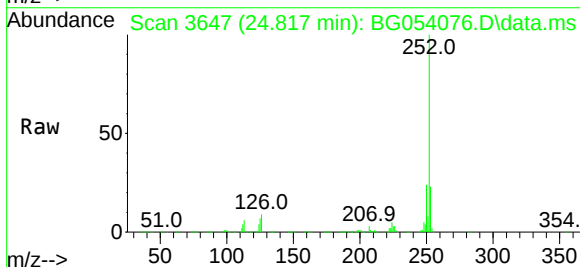
Manual Integrations
APPROVED

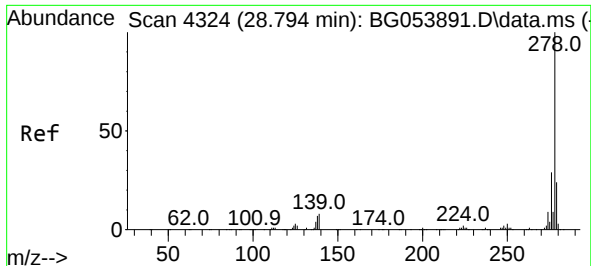
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#90
Benzo(a)pyrene
Concen: 49.934 ng
RT: 24.817 min Scan# 3647
Delta R.T. 0.002 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

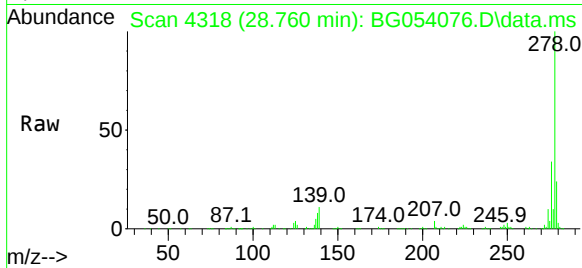
Tgt Ion:252 Resp: 563068
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 7.5 4.3 6.5#





#91
Dibenzo(a,h)anthracene
Concen: 44.723 ng
RT: 28.760 min Scan# 41
Delta R.T. 0.014 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16

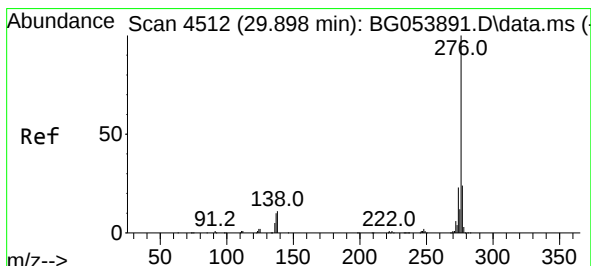
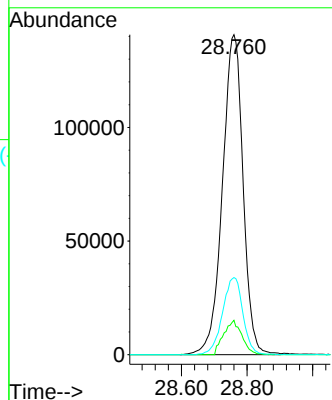
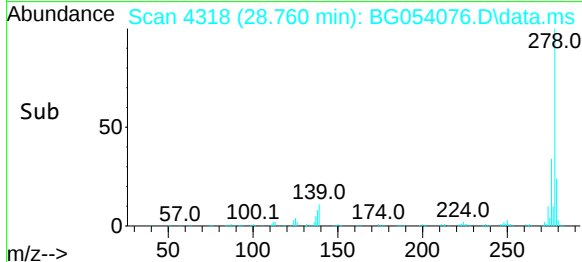
Instrument :
BNA_G
ClientSampleId :
SB-7-16-18-20220623MSD



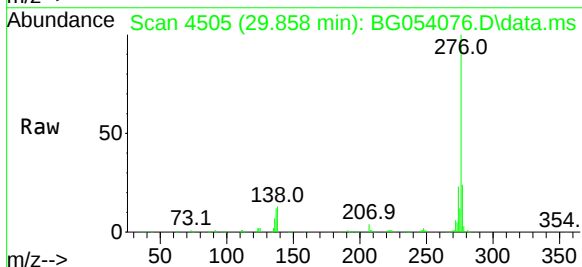
Tgt Ion:278 Resp: 613454
Ion Ratio Lower Upper
278 100
139 10.7 7.2 10.8
279 24.1 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#92
Benzo(g,h,i)perylene
Concen: 45.364 ng
RT: 29.858 min Scan# 4505
Delta R.T. -0.004 min
Lab File: BG054076.D
Acq: 26 Jun 2022 17:16



Tgt Ion:276 Resp: 614067
Ion Ratio Lower Upper
276 100
277 24.2 17.3 25.9
138 13.4 9.6 14.4

