

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054224.D
 Acq On : 7 Jul 2022 14:02
 Operator : CG/JU
 Sample : PB146067BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146067BSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 17:09:28 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	8.064	152	21593	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	92910	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	81472	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	224608	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	234776	20.000	ng	0.00
86) Perylene-d12	24.974	264	249089	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	155297	137.505	ng	0.00
7) Phenol-d6	7.230	99	217073	141.683	ng	0.00
23) Nitrobenzene-d5	9.228	82	139351	84.286	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	194297	148.433	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	436216	77.857	ng	0.00
79) Terphenyl-d14	20.044	244	1059544	90.895	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	11790	23.881	ng	# 87
3) Pyridine	3.910	79	35505	26.950	ng	96
4) n-Nitrosodimethylamine	3.822	42	23461	40.484	ng	96
6) Aniline	7.383	93	78558	43.247	ng	97
8) 2-Chlorophenol	7.629	128	58820	48.777	ng	93
9) Benzaldehyde	7.195	77	33040m	36.539	ng	
10) Phenol	7.259	94	75199	48.431	ng	97
11) bis(2-Chloroethyl)ether	7.477	93	50954	42.755	ng	93
12) 1,3-Dichlorobenzene	7.953	146	59525	39.393	ng	92
13) 1,4-Dichlorobenzene	8.099	146	60957	40.160	ng	98
14) 1,2-Dichlorobenzene	8.423	146	59944	41.139	ng	96
15) Benzyl Alcohol	8.299	79	57218m	49.968	ng	
16) 2,2'-oxybis(1-Chloropr...	8.587	45	73449	41.227	ng	99
17) 2-Methylphenol	8.511	107	52997	49.134	ng	92
18) Hexachloroethane	9.151	117	20745	41.199	ng	# 76
19) n-Nitroso-di-n-propyla...	8.869	70	46710	45.380	ng	96
20) 3+4-Methylphenols	8.840	107	72754	48.096	ng	95
22) Acetophenone	8.887	105	91218	40.391	ng	# 96
24) Nitrobenzene	9.269	77	67430	41.417	ng	# 88
25) Isophorone	9.792	82	134477	43.551	ng	# 94
26) 2-Nitrophenol	9.986	139	35162	48.897	ng	# 82
27) 2,4-Dimethylphenol	10.044	122	61417	52.767	ng	93
28) bis(2-Chloroethoxy)met...	10.268	93	75380	45.316	ng	100
29) 2,4-Dichlorophenol	10.526	162	76515	49.031	ng	88
30) 1,2,4-Trichlorobenzene	10.738	180	75836	39.247	ng	93
31) Naphthalene	10.926	128	181326	38.660	ng	99
32) Benzoic acid	10.197	122	26322m	50.990	ng	
33) 4-Chloroaniline	11.031	127	72553	37.286	ng	93
34) Hexachlorobutadiene	11.208	225	59289	39.909	ng	96
35) Caprolactam	11.801	113	24766m	57.648	ng	
36) 4-Chloro-3-methylphenol	12.154	107	79970	52.716	ng	88
37) 2-Methylnaphthalene	12.530	142	146449	42.202	ng	97
38) 1-Methylnaphthalene	12.747	142	140478	41.574	ng	97
40) 1,2,4,5-Tetrachloroben...	12.894	216	119561	38.085	ng	# 96
41) Hexachlorocyclopentadiene	12.876	237	90677	62.031	ng	95
43) 2,4,6-Trichlorophenol	13.135	196	77243	43.803	ng	98

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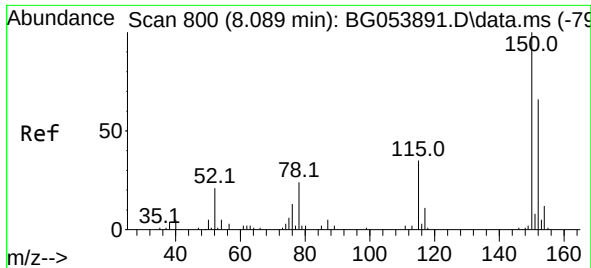
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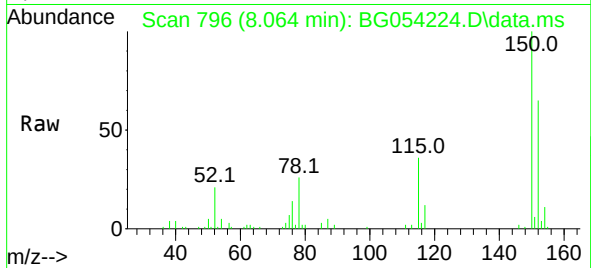
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	88332	44.862	ng	# 93
46) 1,1'-Biphenyl	13.528	154	219439	38.668	ng	97
47) 2-Chloronaphthalene	13.575	162	177515	38.651	ng	98
48) 2-Nitroaniline	13.769	65	56844	46.528	ng	91
49) Acenaphthylene	14.416	152	286729	40.149	ng	99
50) Dimethylphthalate	14.145	163	264404	42.613	ng	# 99
51) 2,6-Dinitrotoluene	14.263	165	60064	47.912	ng	# 76
52) Acenaphthene	14.756	154	206760m	45.419	ng	
53) 3-Nitroaniline	14.592	138	46064	37.927	ng	91
54) 2,4-Dinitrophenol	14.809	184	64430	91.985	ng	# 77
55) Dibenzofuran	15.091	168	302738	41.276	ng	95
56) 4-Nitrophenol	14.915	139	80249	93.067	ng	89
57) 2,4-Dinitrotoluene	15.056	165	89136	50.346	ng	86
58) Fluorene	15.738	166	254609	42.279	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.320	232	88774	46.103	ng	# 87
60) Diethylphthalate	15.503	149	265604	44.202	ng	96
61) 4-Chlorophenyl-phenyle...	15.726	204	159927	44.359	ng	90
62) 4-Nitroaniline	15.761	138	56454	44.572	ng	# 77
63) Azobenzene	16.020	77	207875	42.978	ng	91
65) 4,6-Dinitro-2-methylph...	15.826	198	53234	47.506	ng	80
66) n-Nitrosodiphenylamine	15.943	169	239003	40.829	ng	97
67) 4-Bromophenyl-phenylether	16.619	248	120174	42.839	ng	91
68) Hexachlorobenzene	16.748	284	133349	41.556	ng	# 93
69) Atrazine	16.889	200	114867	47.369	ng	93
70) Pentachlorophenol	17.095	266	125799	84.395	ng	96
71) Phenanthrene	17.483	178	461214	39.968	ng	97
72) Anthracene	17.571	178	465889	41.343	ng	100
73) Carbazole	17.841	167	404777	41.848	ng	99
74) Di-n-butylphthalate	18.387	149	475714	42.537	ng	# 98
75) Fluoranthene	19.492	202	603157	39.816	ng	97
77) Benzidine	19.662	184	321511	66.128	ng	97
78) Pyrene	19.850	202	602388	42.482	ng	97
80) Butylbenzylphthalate	20.726	149	207131	45.573	ng	88
81) Benzo(a)anthracene	21.695	228	632734	41.624	ng	99
82) 3,3'-Dichlorobenzidine	21.607	252	205377	45.220	ng	95
83) Chrysene	21.760	228	585065	40.377	ng	97
84) Bis(2-ethylhexyl)phtha...	21.590	149	293193	45.104	ng	# 93
85) Di-n-octyl phthalate	22.812	149	496866	44.472	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.711	276	761253	40.498	ng	# 96
88) Benzo(b)fluoranthene	23.940	252	673566	44.474	ng	100
89) Benzo(k)fluoranthene	24.010	252	628128	41.889	ng	99
90) Benzo(a)pyrene	24.821	252	586862	45.926	ng	100
91) Dibenzo(a,h)anthracene	28.769	278	669470	43.069	ng	98
92) Benzo(g,h,i)perylene	29.880	276	652558	42.540	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

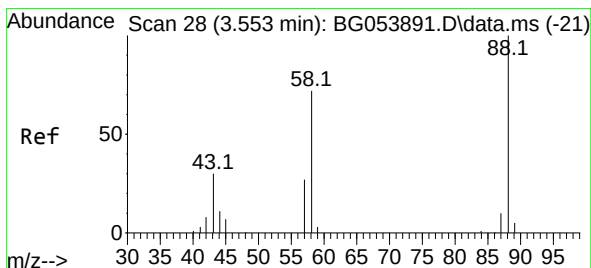
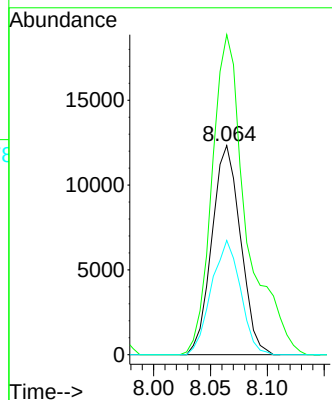
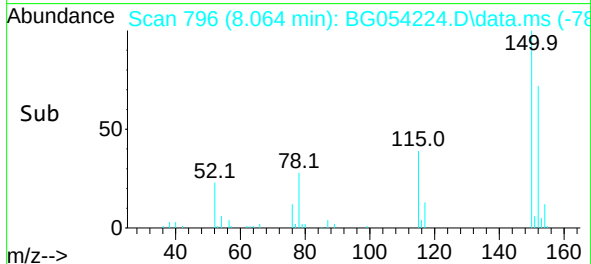
Instrument :
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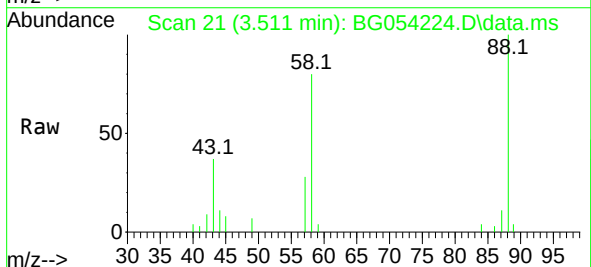
Tgt Ion:152 Resp: 2159
Ion Ratio Lower Upper
152 100
150 153.0 131.6 197.4
115 54.7 50.9 76.3

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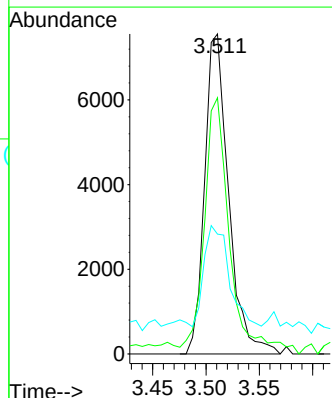
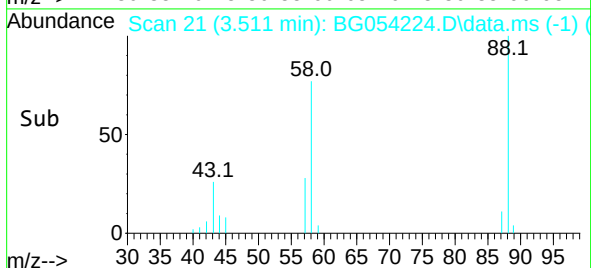
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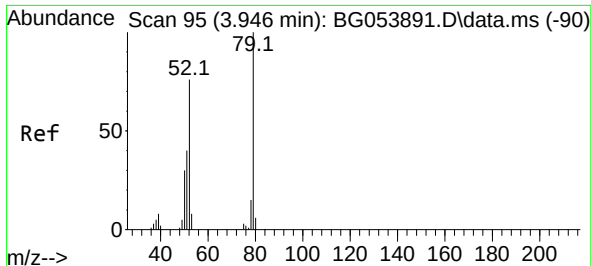


#2
1,4-Dioxane
Concen: 23.881 ng
RT: 3.511 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



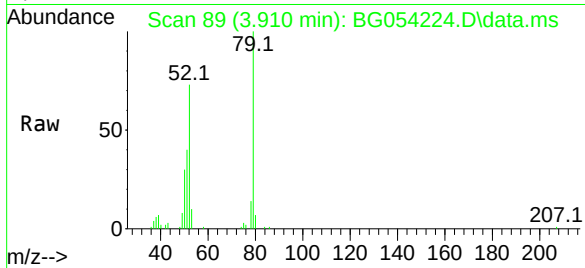
Tgt Ion: 88 Resp: 11790
Ion Ratio Lower Upper
88 100
58 84.9 59.2 88.8
43 37.5 24.3 36.5





#3
Pyridine
Concen: 26.950 ng
RT: 3.910 min Scan# 89
Delta R.T. -0.018 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

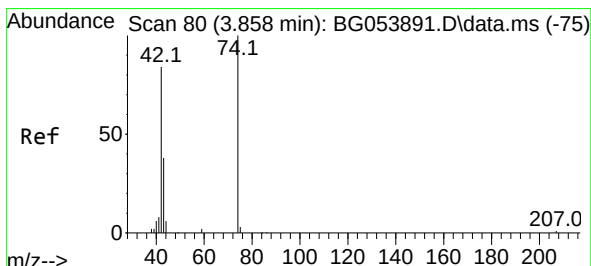
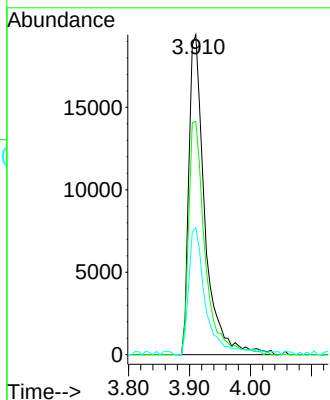
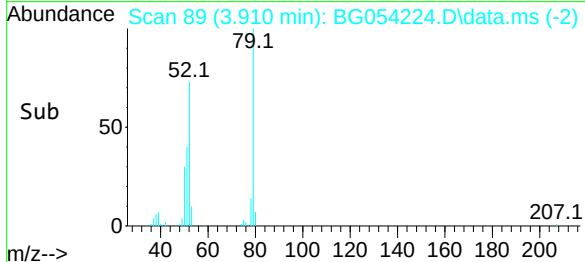
Instrument :
BNA_G
ClientSampleId :
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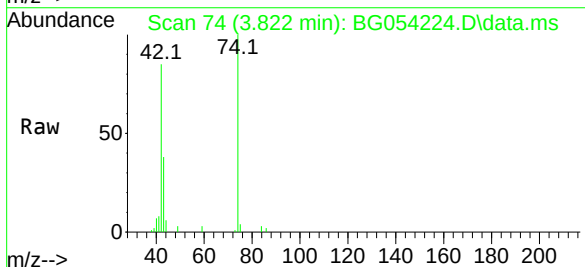
Tgt Ion: 79 Resp: 3550
Ion Ratio Lower Upper
79 100
52 72.9 54.6 81.8
51 39.7 32.5 48.7

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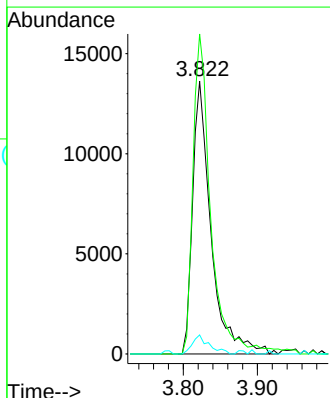
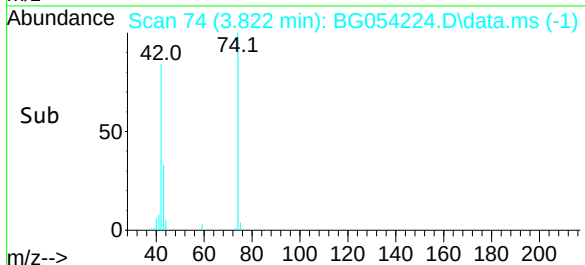
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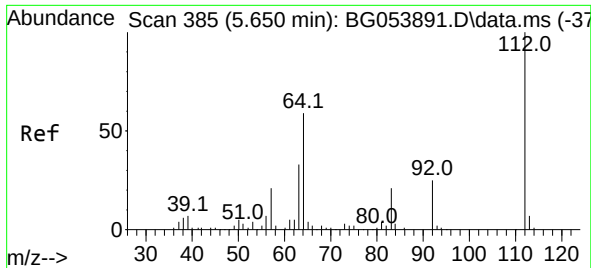


#4
n-Nitrosodimethylamine
Concen: 40.484 ng
RT: 3.822 min Scan# 74
Delta R.T. -0.018 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



Tgt Ion: 42 Resp: 23461
Ion Ratio Lower Upper
42 100
74 117.3 97.0 145.4
44 7.0 7.0 10.4





#5
2-Fluorophenol
Concen: 137.505 ng
RT: 5.632 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

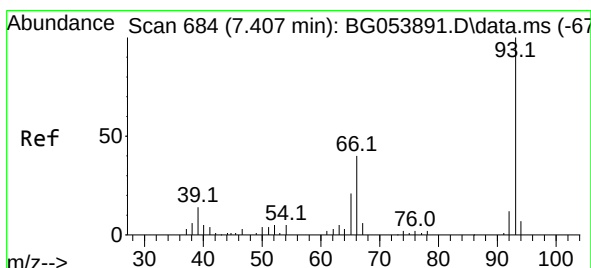
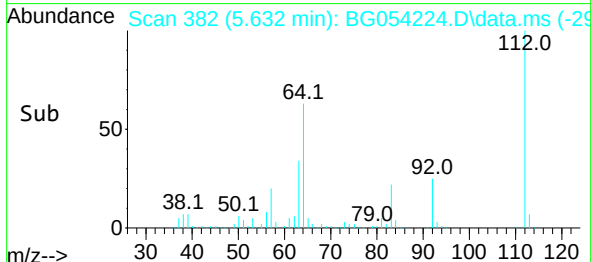
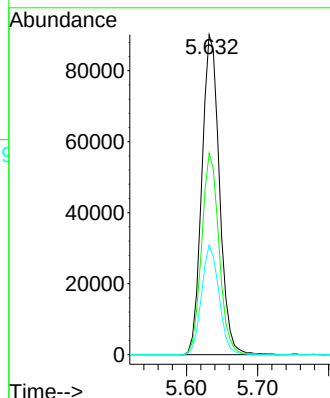
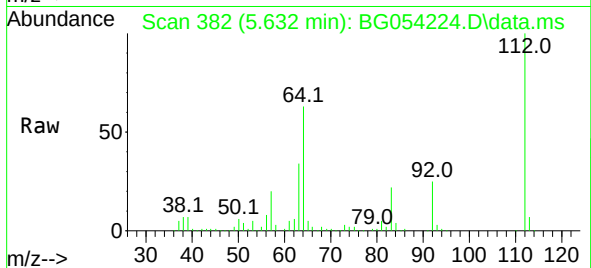
ClientSampleId :

PB146067BSD

Tgt Ion:112 Resp: 15529
Ion Ratio Lower Upper
112 100
64 63.0 55.1 82.7
63 34.2 30.4 45.6

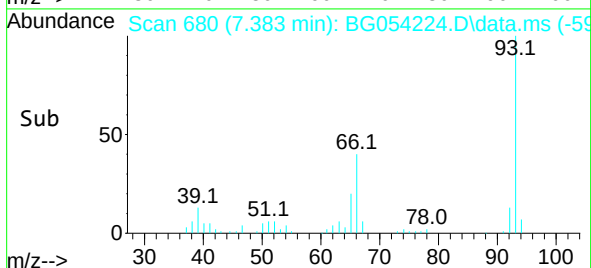
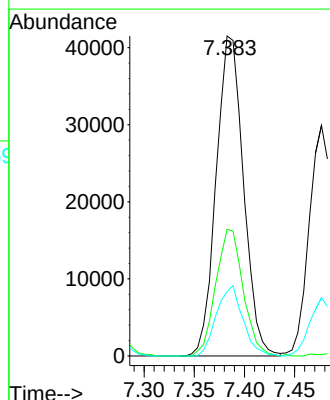
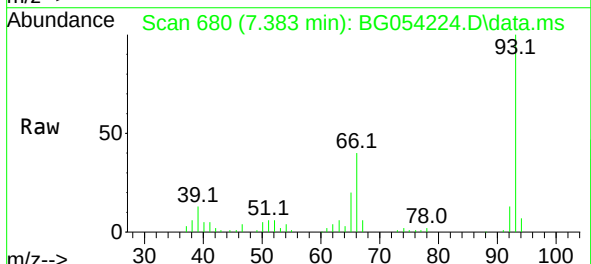
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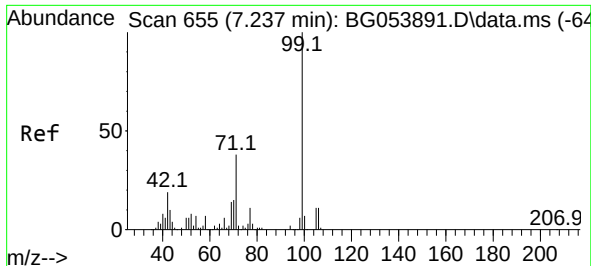
Reviewed By :Christian Giraldo 07/08/2022
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#6
Aniline
Concen: 43.247 ng
RT: 7.383 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

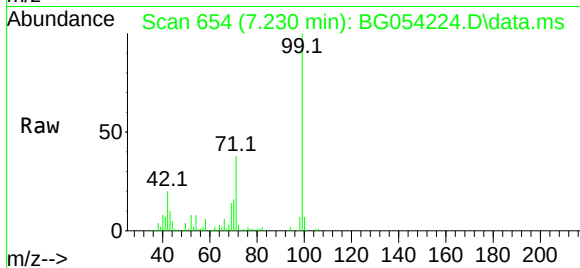
Tgt Ion: 93 Resp: 78558
Ion Ratio Lower Upper
93 100
66 39.6 32.9 49.3
65 20.2 17.8 26.8





#7
Phenol-d6
Concen: 141.683 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

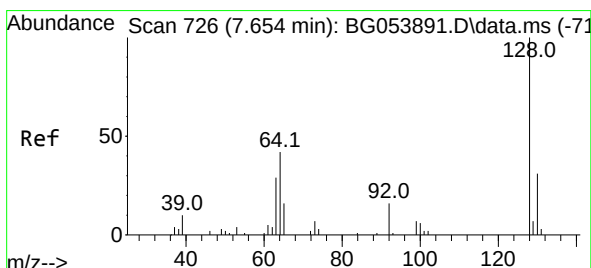
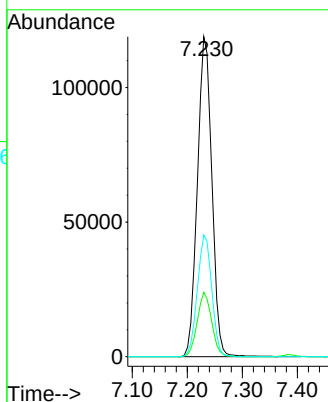
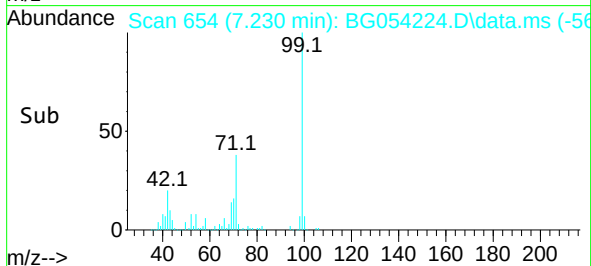
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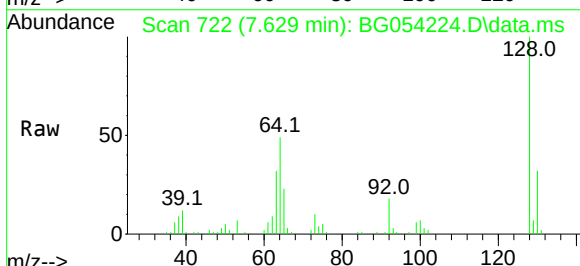
Tgt Ion: 99 Resp: 21707
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 38.0 33.8 50.8

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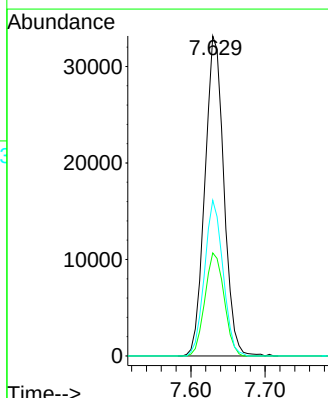
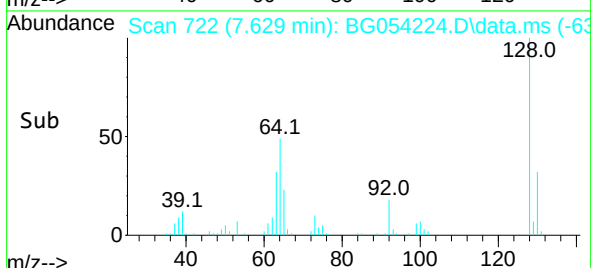
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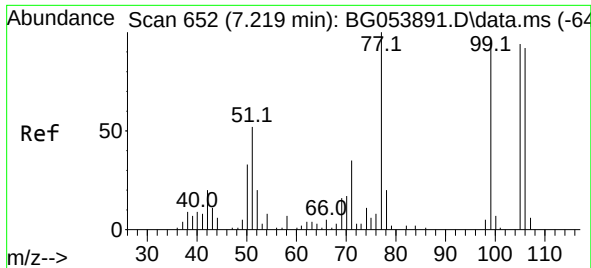


#8
2-Chlorophenol
Concen: 48.777 ng
RT: 7.629 min Scan# 722
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 58820
Ion Ratio Lower Upper
128 100
130 32.2 10.5 50.5
64 48.7 35.1 75.1





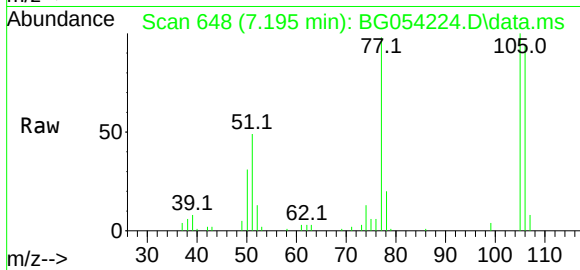
#9
Benzaldehyde
Concen: 36.539 ng m
RT: 7.195 min Scan# 64
Delta R.T. -0.012 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

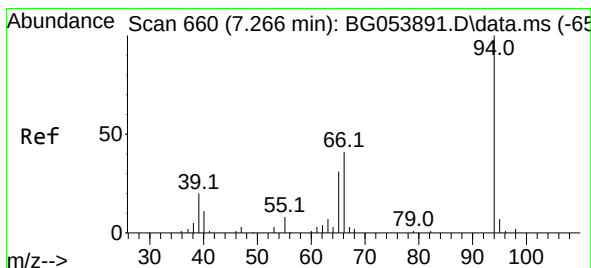
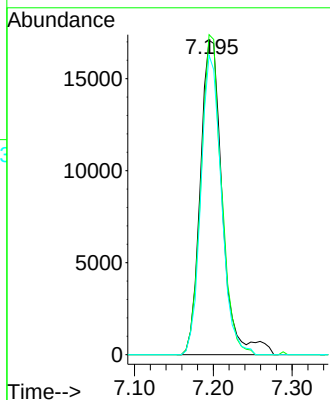
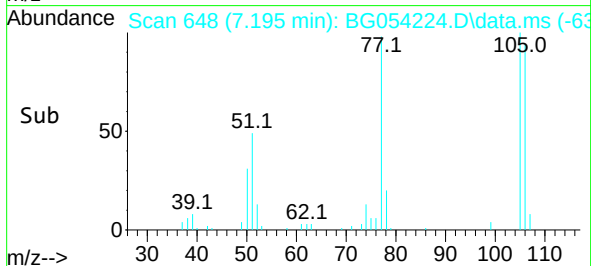


Tgt Ion: 77 Resp: 33040
Ion Ratio Lower Upper
77 100
105 101.8 59.6 99.6
106 95.2 56.8 96.8

Manual Integrations

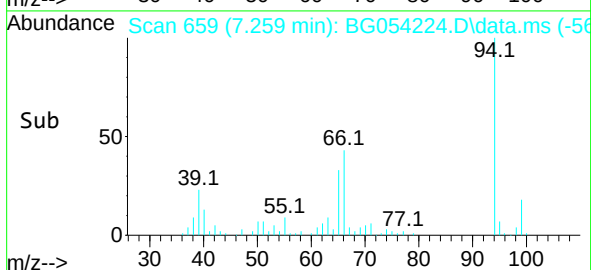
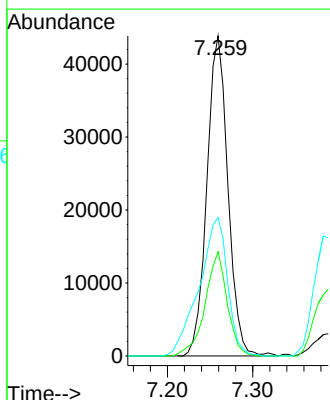
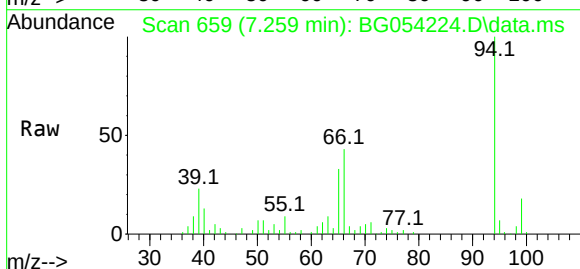
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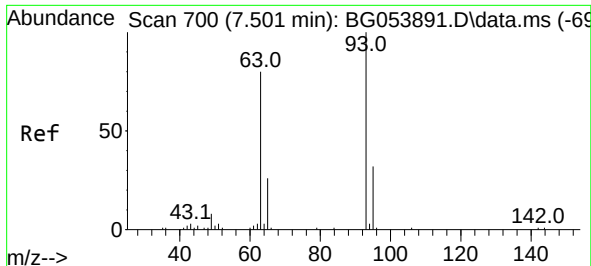
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#10
Phenol
Concen: 48.431 ng
RT: 7.259 min Scan# 659
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

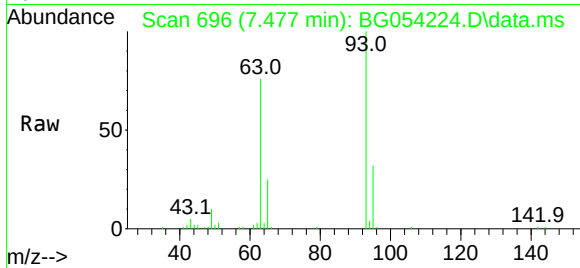
Tgt Ion: 94 Resp: 75199
Ion Ratio Lower Upper
94 100
65 32.6 14.8 54.8
66 43.3 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 42.755 ng
RT: 7.477 min Scan# 696
Delta R.T. -0.012 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

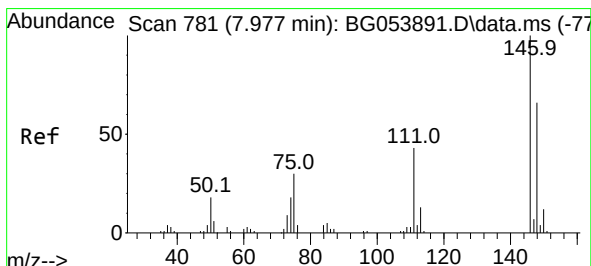
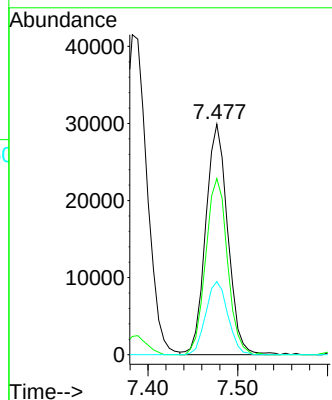
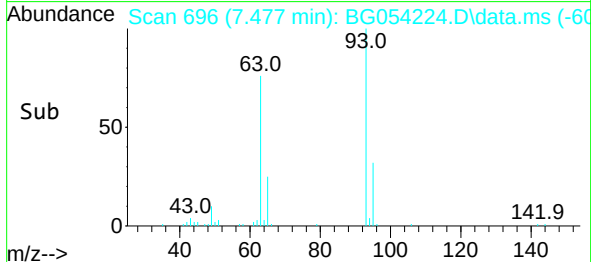
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



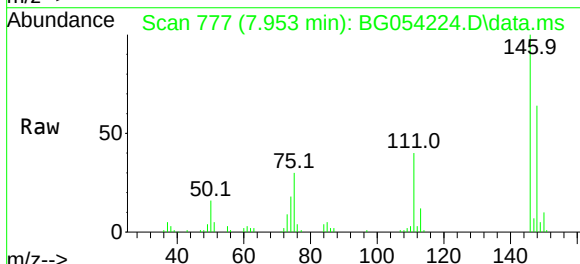
Tgt Ion: 93 Resp: 50954
Ion Ratio Lower Upper
93 100
63 76.4 63.6 103.6
95 31.8 10.1 50.1

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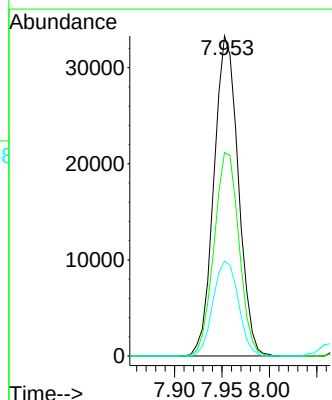
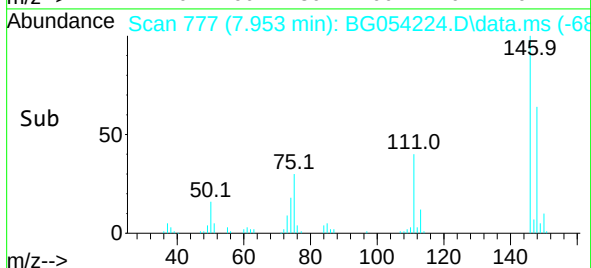
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

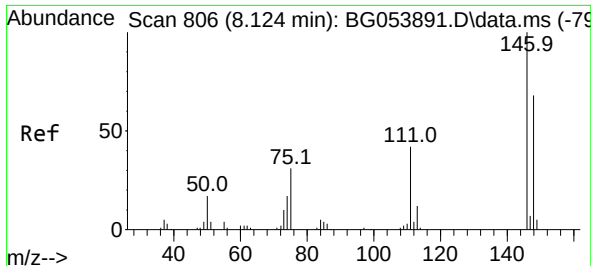


#12
1,3-Dichlorobenzene
Concen: 39.393 ng
RT: 7.953 min Scan# 777
Delta R.T. -0.012 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



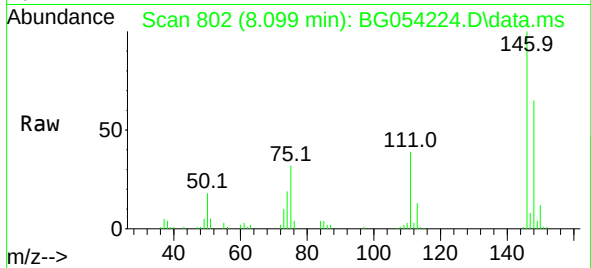
Tgt Ion:146 Resp: 59525
Ion Ratio Lower Upper
146 100
148 63.6 46.1 69.1
75 29.6 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 40.160 ng
RT: 8.099 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

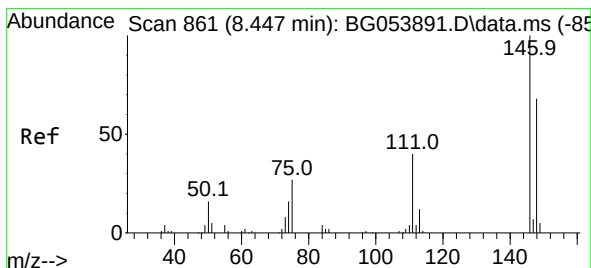
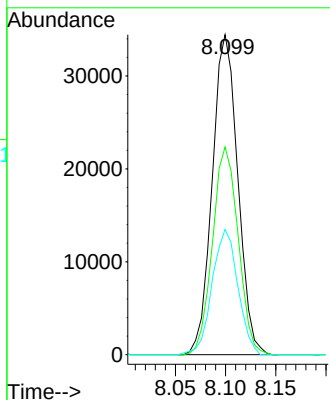
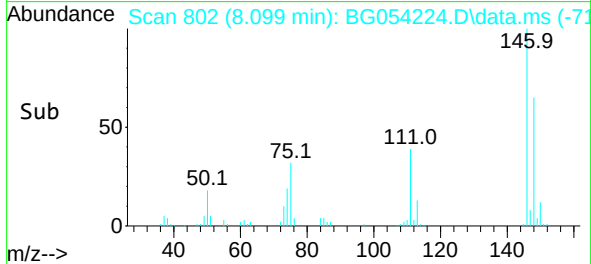
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



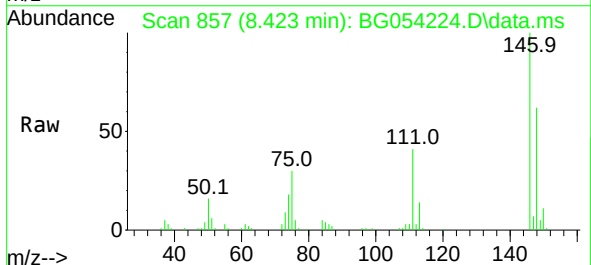
Tgt Ion:146 Resp: 6095
Ion Ratio Lower Upper
146 100
148 64.9 51.5 77.3
111 39.2 33.9 50.9

Manual Integrations
APPROVED

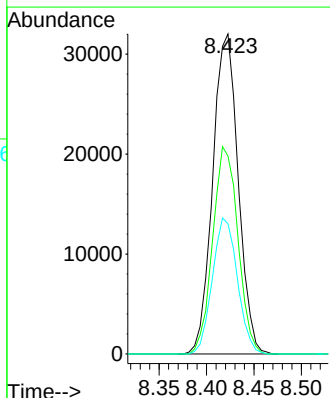
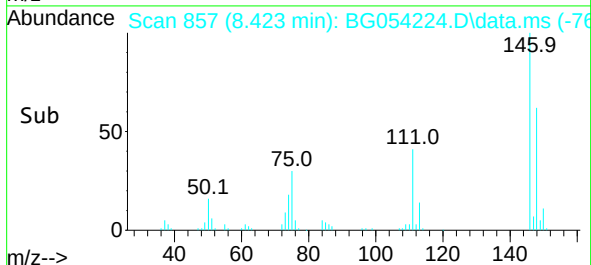
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

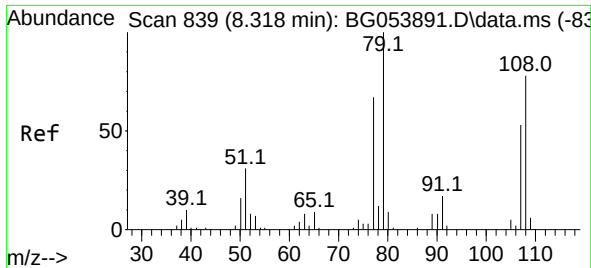


#14
1,2-Dichlorobenzene
Concen: 41.139 ng
RT: 8.423 min Scan# 857
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



Tgt Ion:146 Resp: 59944
Ion Ratio Lower Upper
146 100
148 61.9 52.6 78.8
111 40.7 34.5 51.7





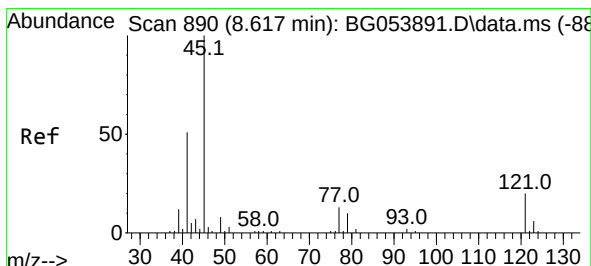
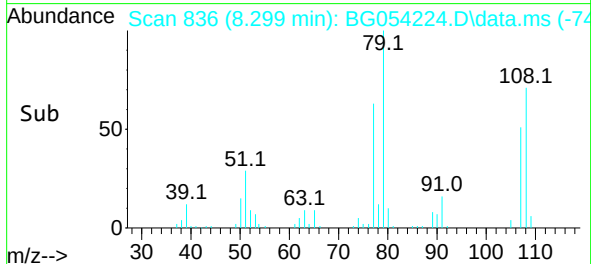
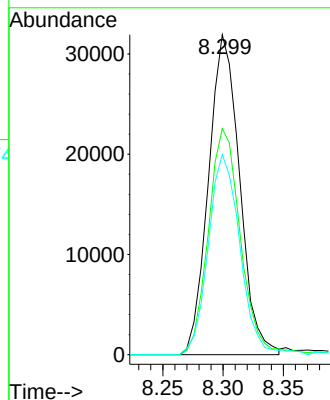
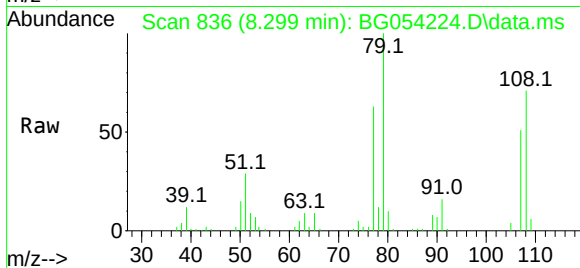
#15
Benzyl Alcohol
Concen: 49.968 ng m
RT: 8.299 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :
BNA_G
ClientSampleId :
PB146067BSD

Tgt Ion: 79 Resp: 57218
Ion Ratio Lower Upper
79 100
108 70.7 53.7 80.5
77 62.5 52.2 78.4

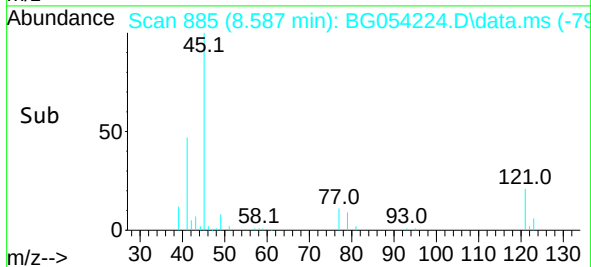
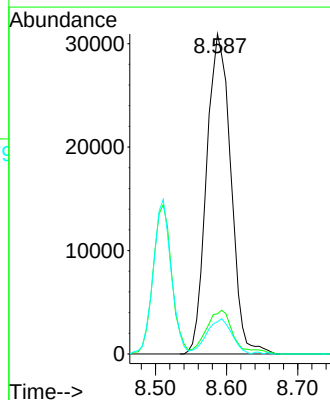
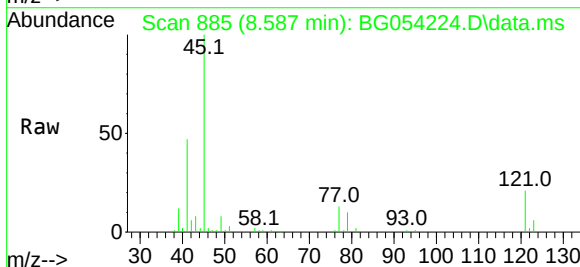
Manual Integrations
APPROVED

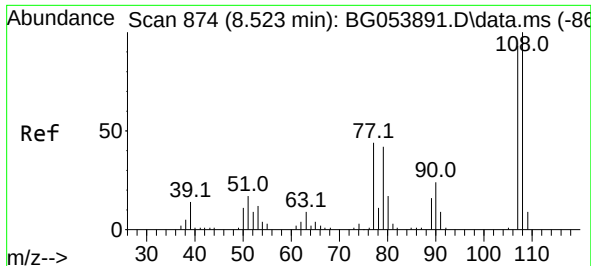
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.227 ng
RT: 8.587 min Scan# 885
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Tgt Ion: 45 Resp: 73449
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.7
79 10.0 0.0 29.7





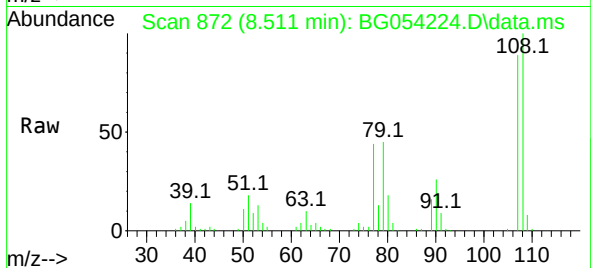
#17
2-Methylphenol
Concen: 49.134 ng
RT: 8.511 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

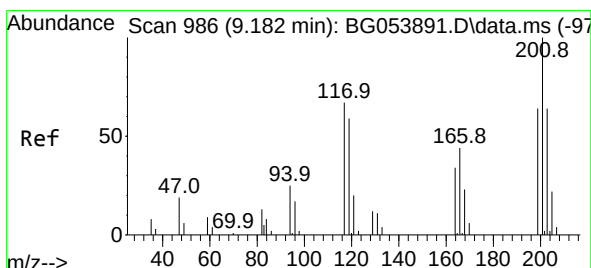
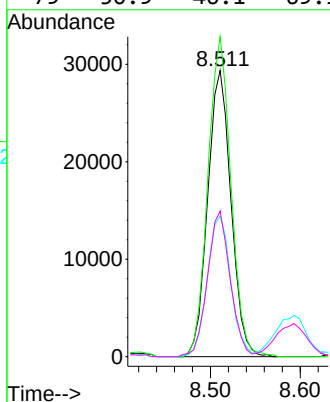
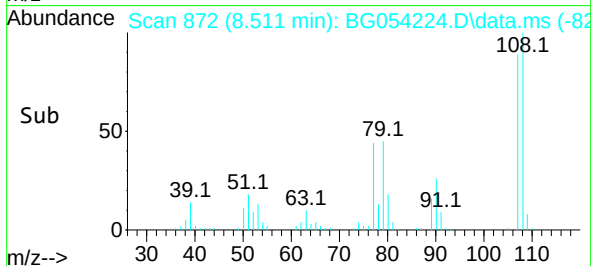


Tgt Ion:107 Resp: 5299
Ion Ratio Lower Upper
107 100
108 111.8 85.4 128.0
77 49.1 46.2 69.2
79 50.9 46.1 69.1

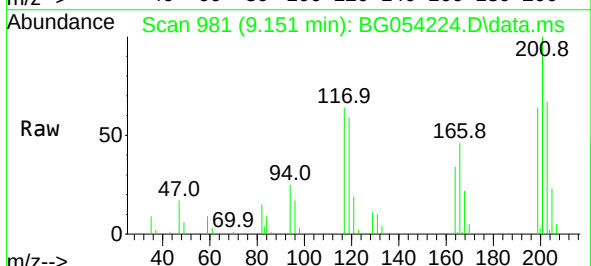
Manual Integrations

APPROVED

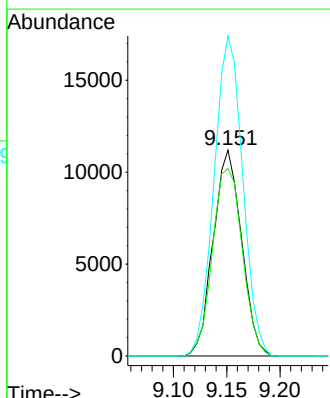
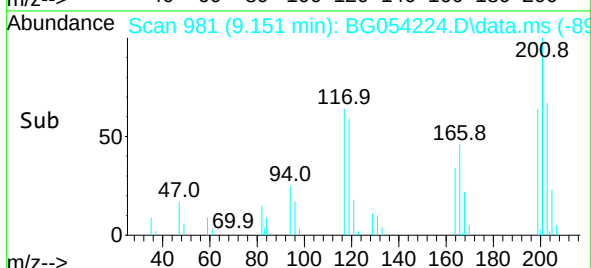
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

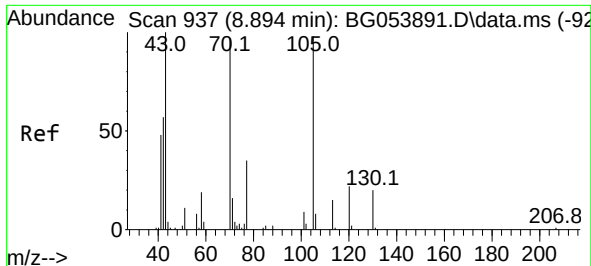


#18
Hexachloroethane
Concen: 41.199 ng
RT: 9.151 min Scan# 981
Delta R.T. -0.012 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



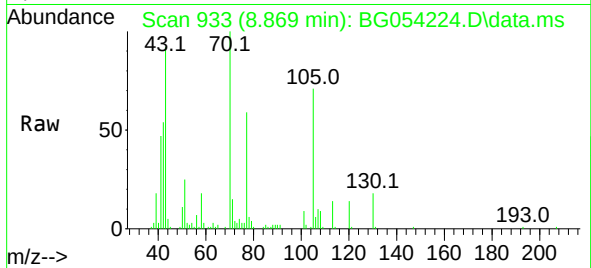
Tgt Ion:117 Resp: 20745
Ion Ratio Lower Upper
117 100
119 91.1 75.0 112.6
201 155.5 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 45.380 ng
RT: 8.869 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

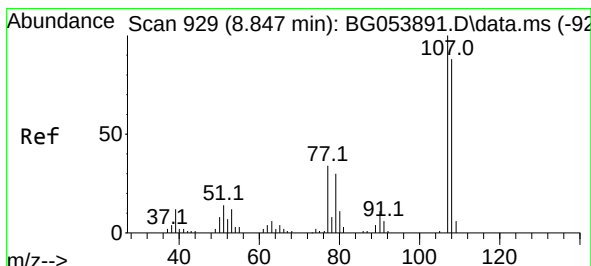
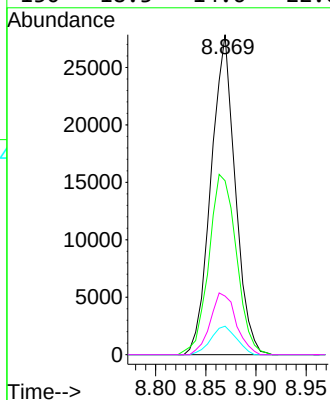
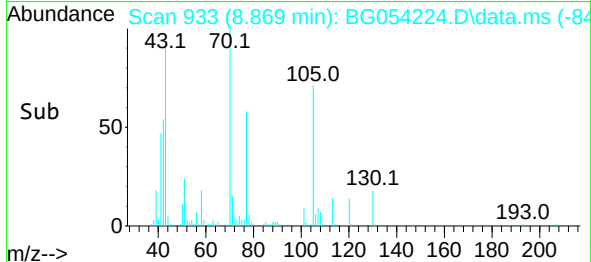
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



Tgt Ion: 70 Resp: 46710
Ion Ratio Lower Upper
70 100
42 54.3 47.3 70.9
101 8.9 7.0 10.4
130 18.3 14.6 22.0

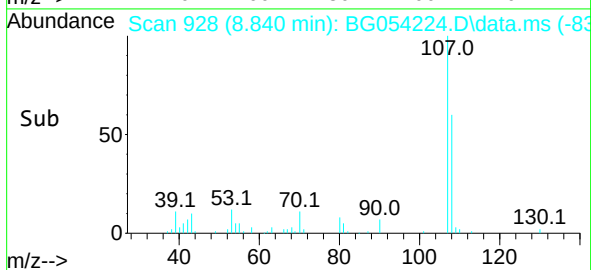
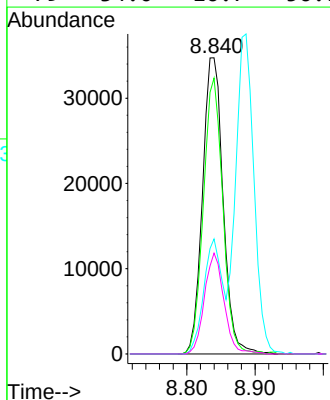
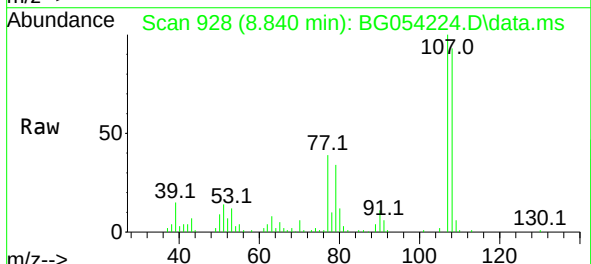
Manual Integrations
APPROVED

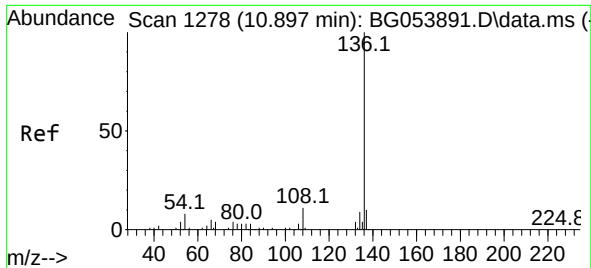
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#20
3+4-Methylphenols
Concen: 48.096 ng
RT: 8.840 min Scan# 928
Delta R.T. 0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

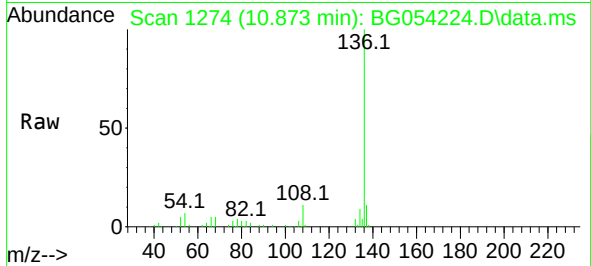
Tgt Ion:107 Resp: 72754
Ion Ratio Lower Upper
107 100
108 93.1 67.5 107.5
77 38.8 20.3 60.3
79 34.0 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

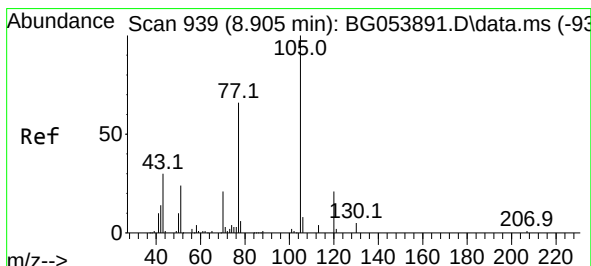
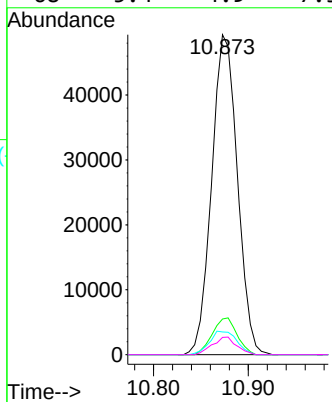
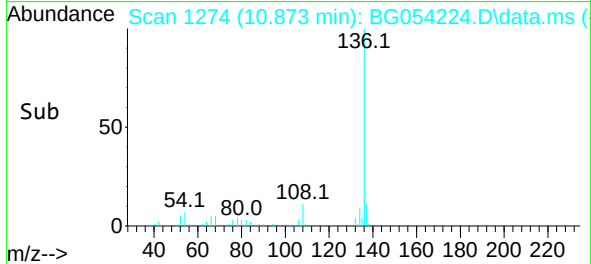
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



Tgt Ion:136 Resp: 92910
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.1 7.4 11.2
68 5.4 4.9 7.3

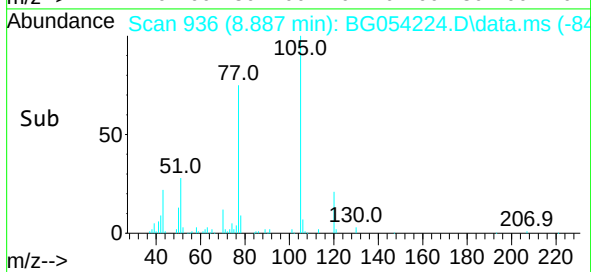
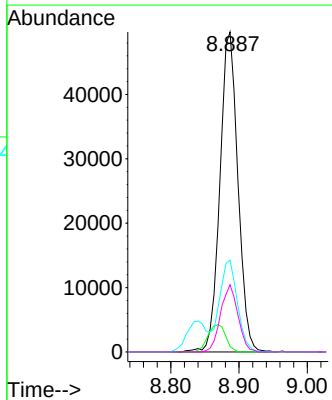
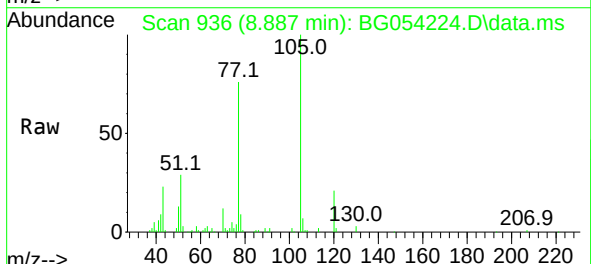
Manual Integrations
APPROVED

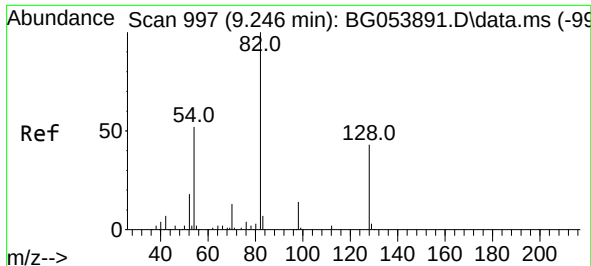
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#22
Acetophenone
Concen: 40.391 ng
RT: 8.887 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Tgt Ion:105 Resp: 91218
Ion Ratio Lower Upper
105 100
71 1.8 1.1 1.7#
51 28.7 25.4 38.0
120 21.0 17.3 25.9





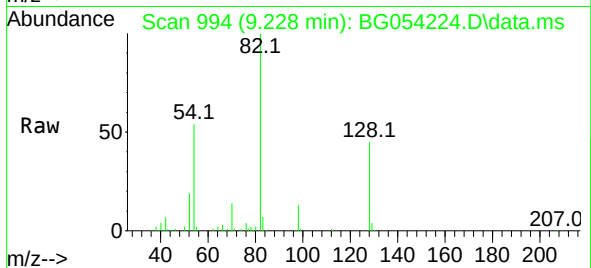
#23
Nitrobenzene-d5
Concen: 84.286 ng
RT: 9.228 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

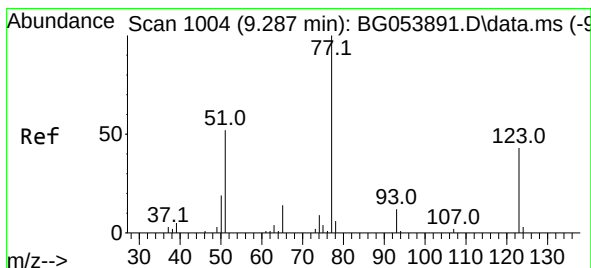
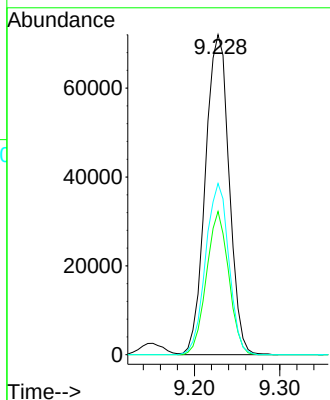
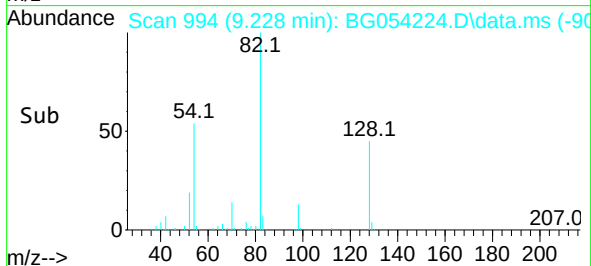
PB146067BSD



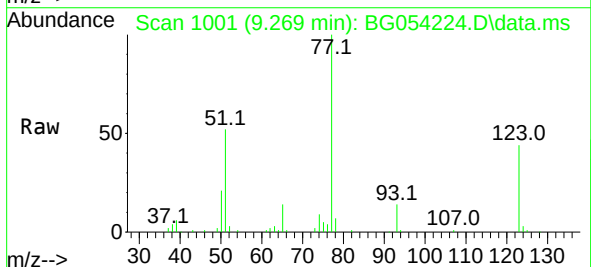
Tgt Ion: 82 Resp: 13935
Ion Ratio Lower Upper
82 100
128 44.7 27.9 41.9
54 53.5 41.2 61.8

Manual Integrations
APPROVED

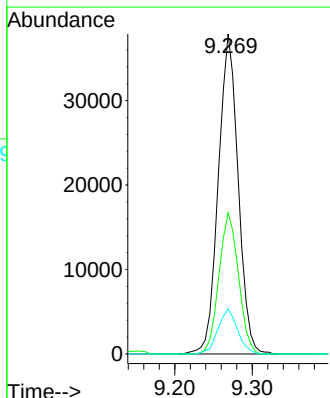
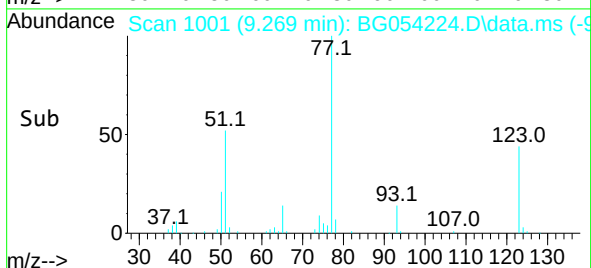
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

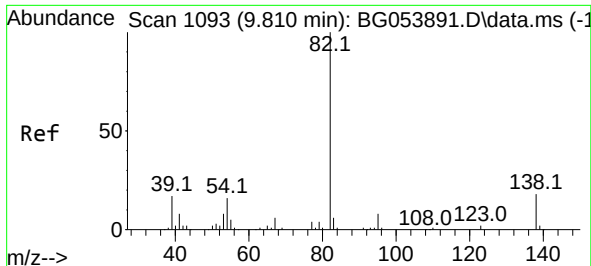


#24
Nitrobenzene
Concen: 41.417 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



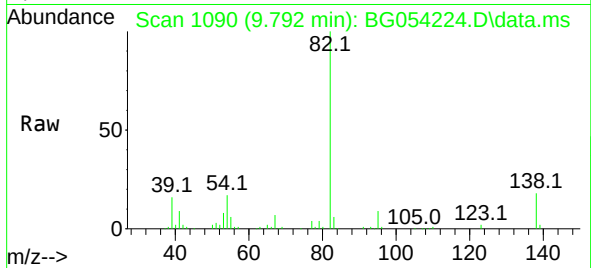
Tgt Ion: 77 Resp: 67430
Ion Ratio Lower Upper
77 100
123 44.1 27.4 41.0
65 14.1 11.4 17.0





#25
Isophorone
Concen: 43.551 ng
RT: 9.792 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

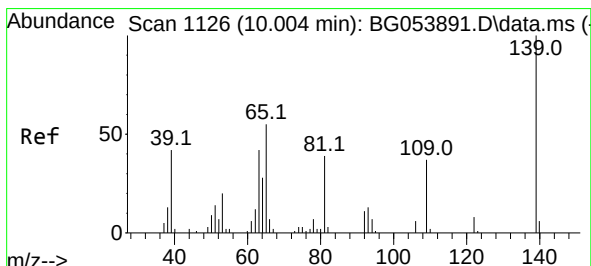
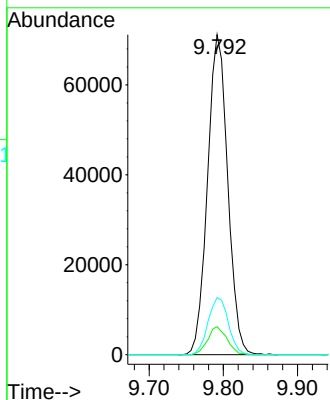
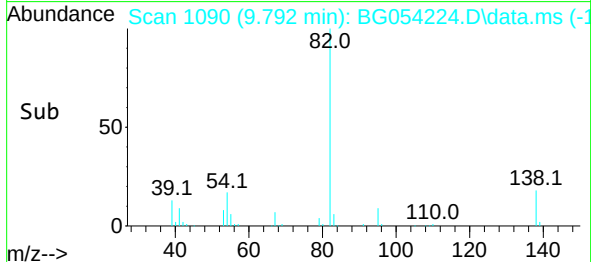
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



Tgt Ion: 82 Resp: 13447
Ion Ratio Lower Upper
82 100
95 8.8 6.2 9.4
138 17.8 11.6 17.4

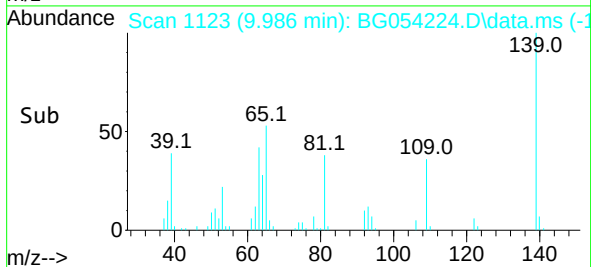
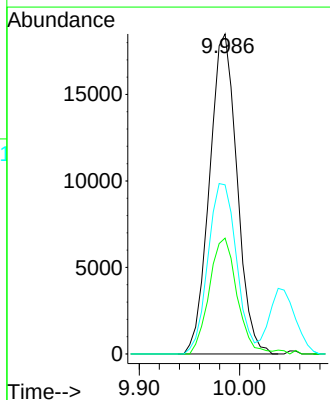
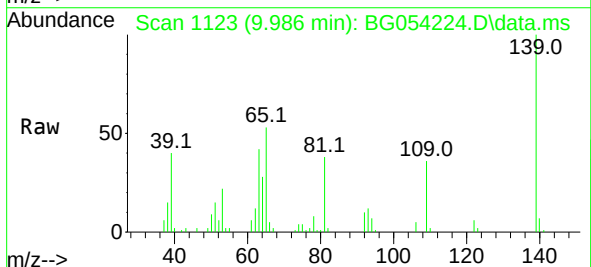
Manual Integrations
APPROVED

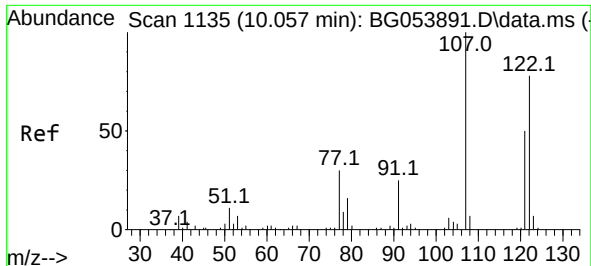
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#26
2-Nitrophenol
Concen: 48.897 ng
RT: 9.986 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Tgt Ion:139 Resp: 35162
Ion Ratio Lower Upper
139 100
109 36.2 36.1 54.1
65 52.9 55.8 83.6





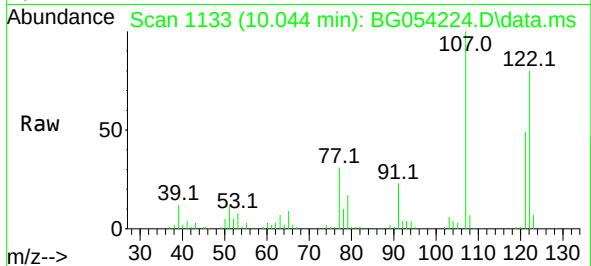
#27
2,4-Dimethylphenol
Concen: 52.767 ng
RT: 10.044 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

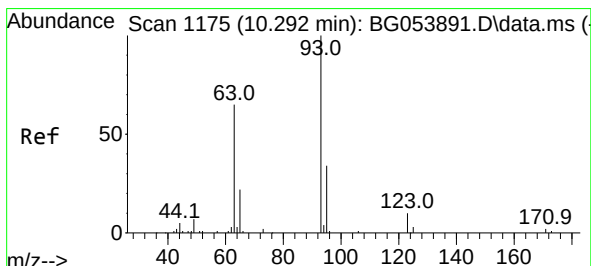
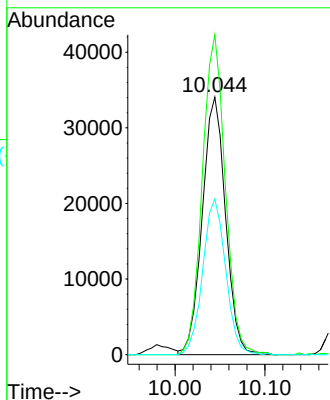
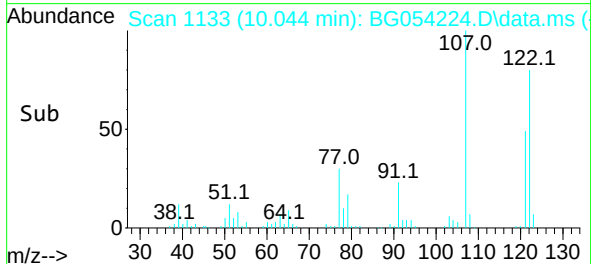


Tgt Ion:122 Resp: 6141
Ion Ratio Lower Upper
122 100
107 124.2 109.4 164.0
121 60.5 48.7 73.1

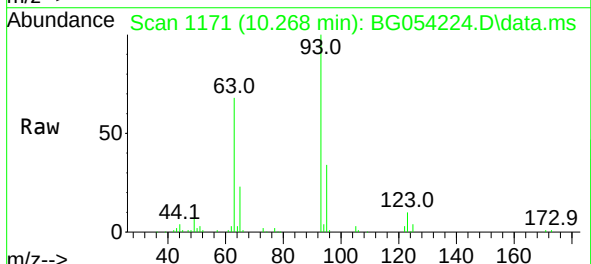
Manual Integrations

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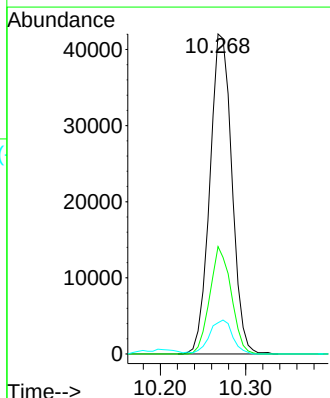
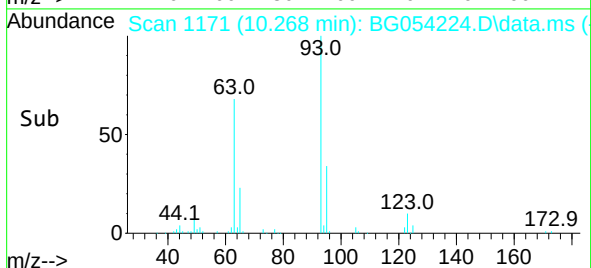
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

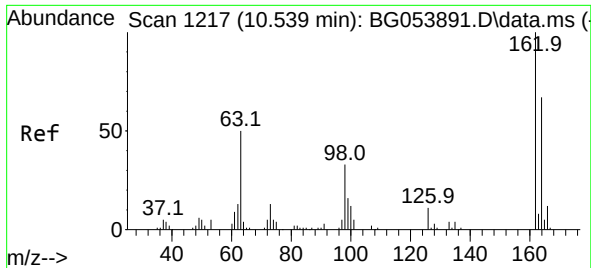


#28
bis(2-Chloroethoxy)methane
Concen: 45.316 ng
RT: 10.268 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



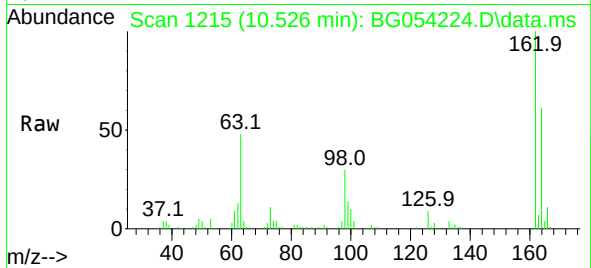
Tgt Ion: 93 Resp: 75380
Ion Ratio Lower Upper
93 100
95 33.5 26.9 40.3
123 9.8 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 49.031 ng
RT: 10.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

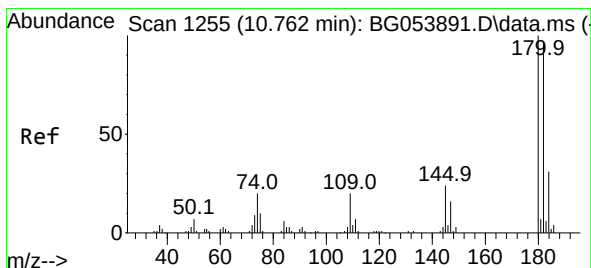
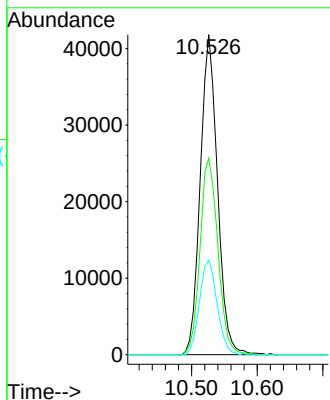
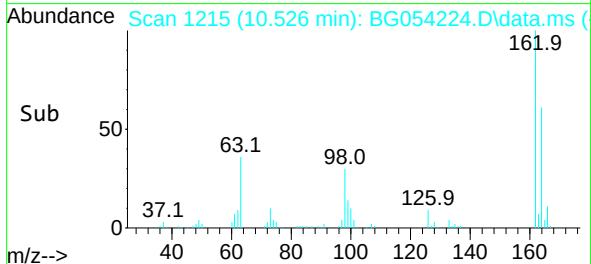
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



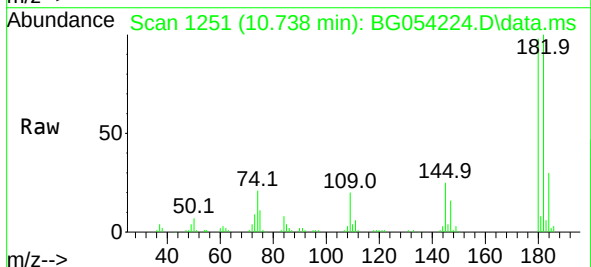
Tgt Ion:162 Resp: 7651
Ion Ratio Lower Upper
162 100
164 61.4 46.6 86.6
98 29.5 22.8 62.8

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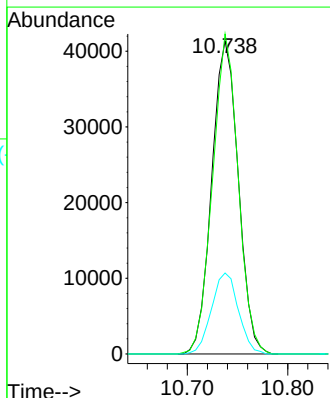
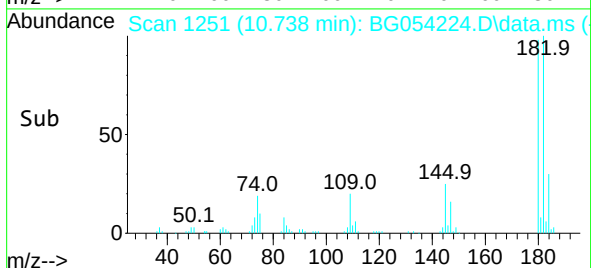
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

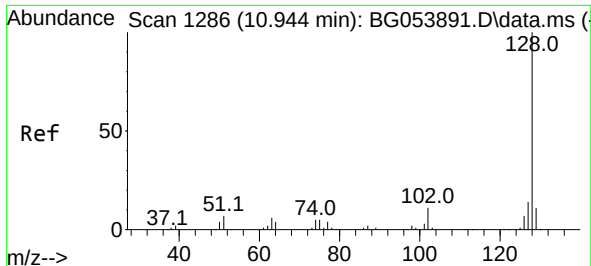


#30
1,2,4-Trichlorobenzene
Concen: 39.247 ng
RT: 10.738 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



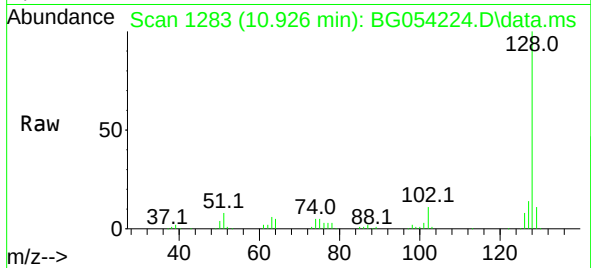
Tgt Ion:180 Resp: 75836
Ion Ratio Lower Upper
180 100
182 102.3 76.6 115.0
145 25.9 25.0 37.4





#31
Naphthalene
Concen: 38.660 ng
RT: 10.926 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

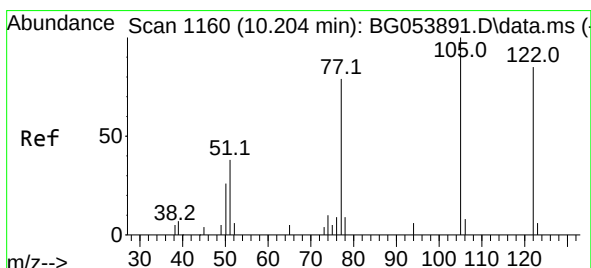
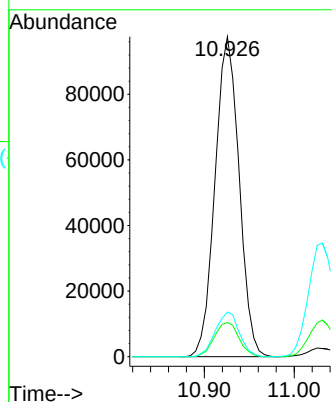
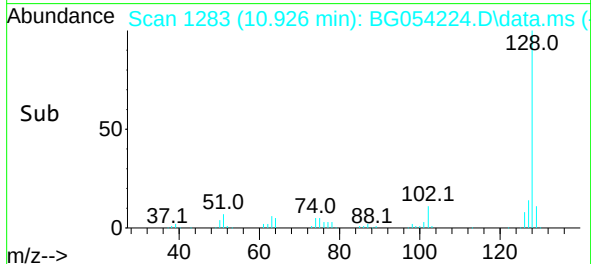
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



Tgt Ion:128 Resp: 181320
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 14.0 11.1 16.7

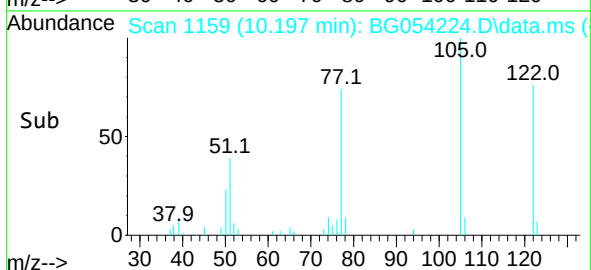
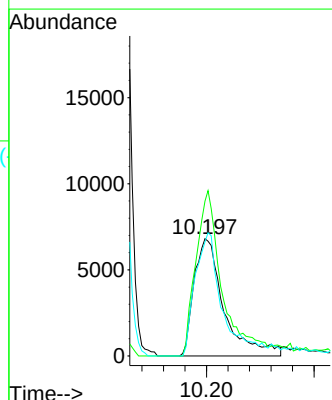
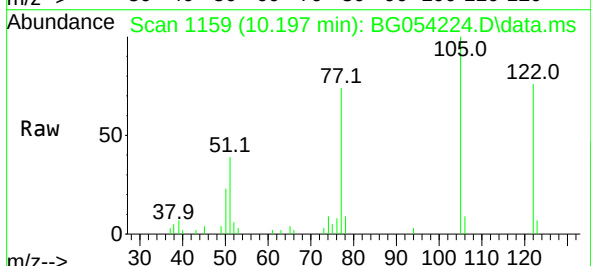
Manual Integrations
APPROVED

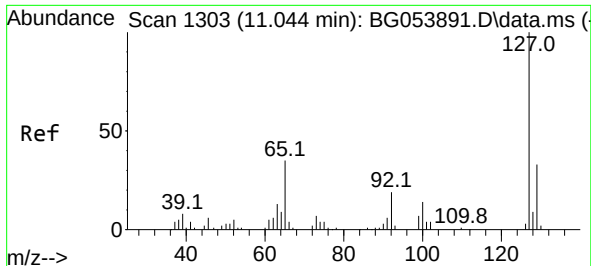
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#32
Benzoic acid
Concen: 50.990 ng m
RT: 10.197 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Tgt Ion:122 Resp: 26322
Ion Ratio Lower Upper
122 100
105 132.0 111.8 151.8
77 97.3 109.4 149.4#





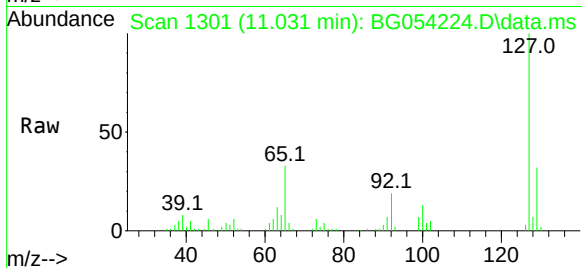
#33
4-Chloroaniline
Concen: 37.286 ng
RT: 11.031 min Scan# 11031
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

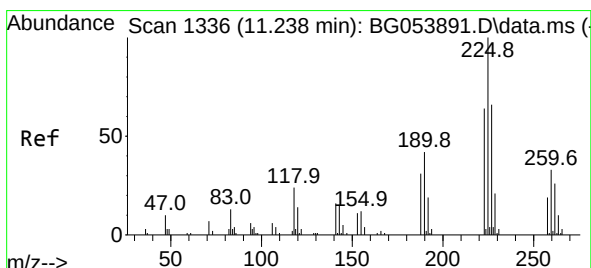
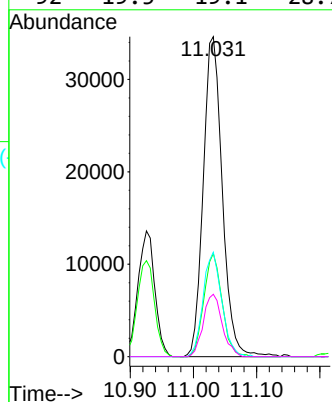
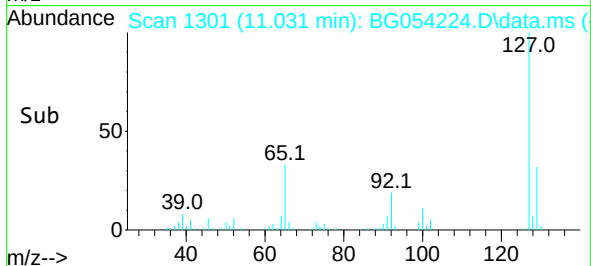


Tgt Ion:127 Resp: 7255
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5
65 32.6 31.1 46.7
92 19.5 19.1 28.7

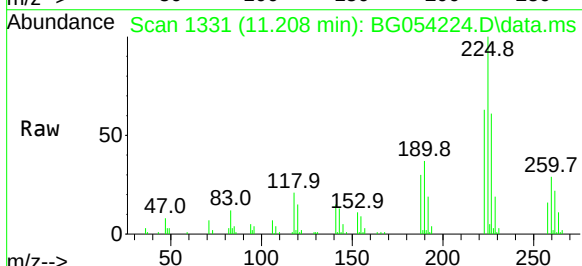
Manual Integrations

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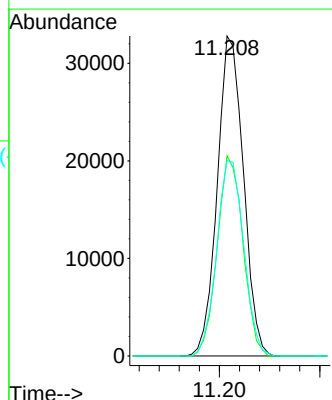
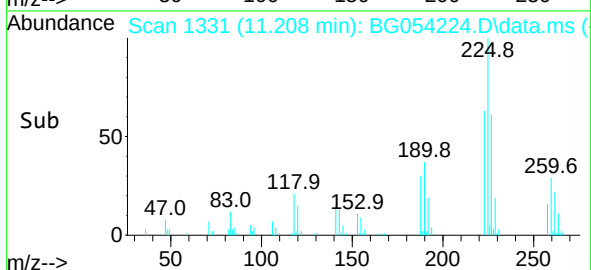
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

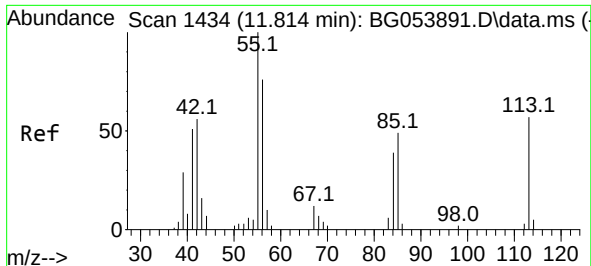


#34
Hexachlorobutadiene
Concen: 39.909 ng
RT: 11.208 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



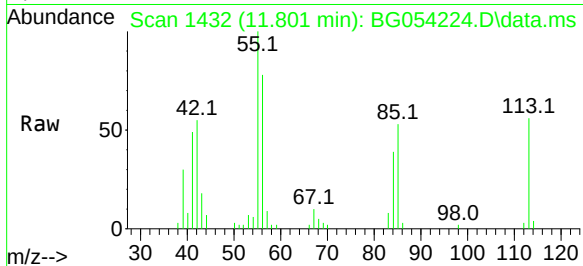
Tgt Ion:225 Resp: 59289
Ion Ratio Lower Upper
225 100
223 62.5 48.9 73.3
227 61.1 52.8 79.2





#35
Caprolactam
Concen: 57.648 ng m
RT: 11.801 min Scan# 1434
Delta R.T. 0.011 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

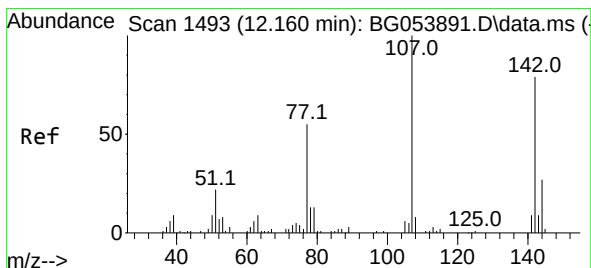
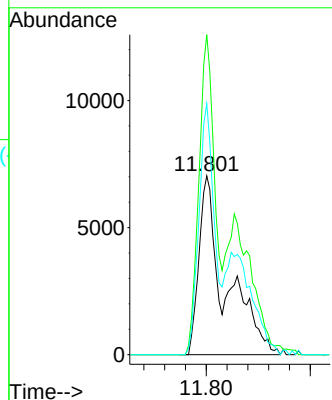
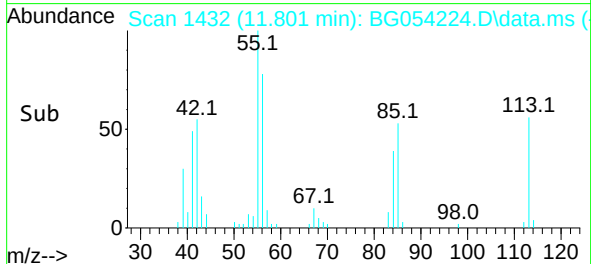
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



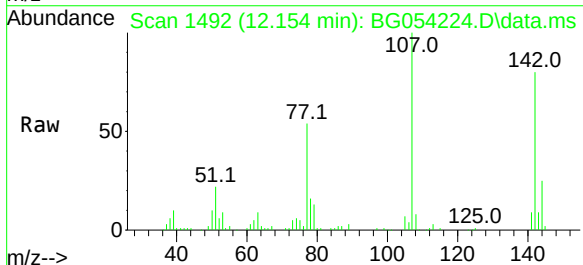
Tgt Ion:113 Resp: 24760
Ion Ratio Lower Upper
113 100
55 178.9 169.8 209.8
56 140.3 141.2 181.2

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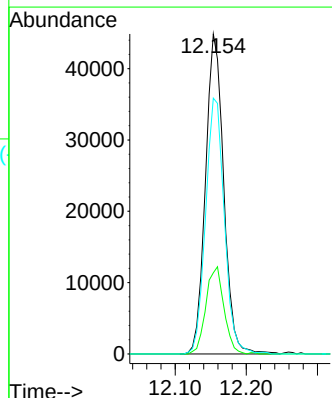
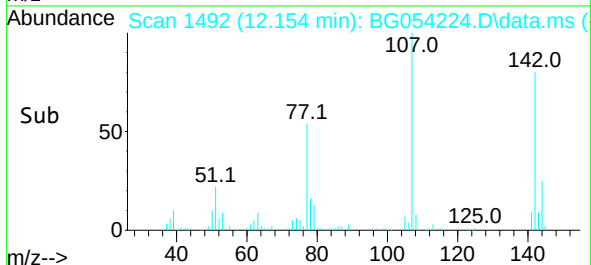
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

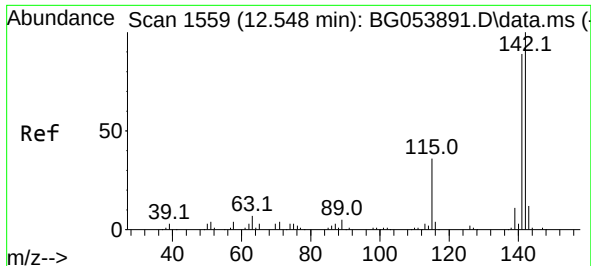


#36
4-Chloro-3-methylphenol
Concen: 52.716 ng
RT: 12.154 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



Tgt Ion:107 Resp: 79970
Ion Ratio Lower Upper
107 100
144 25.3 18.5 27.7
142 80.0 55.0 82.4





#37

2-Methylnaphthalene

Concen: 42.202 ng

RT: 12.530 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054224.D

Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

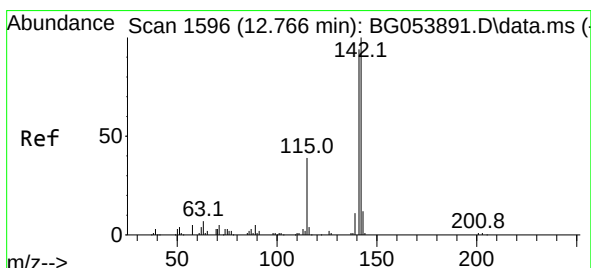
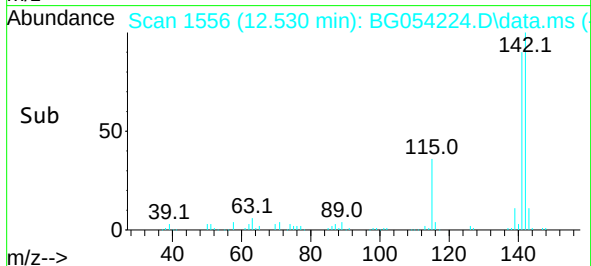
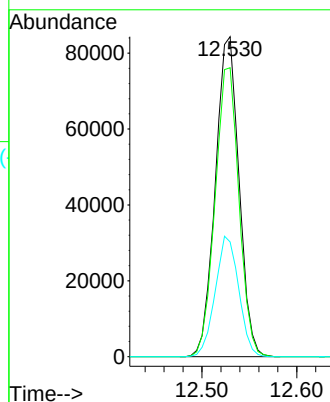
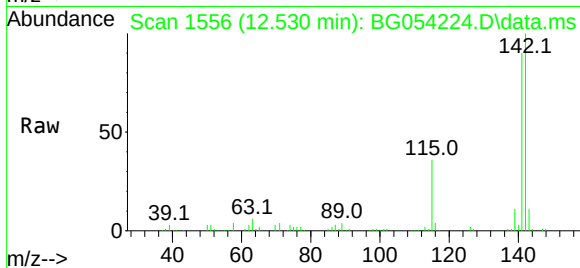
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Tgt Ion:142 Resp: 146449
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.3 108.5
 115 35.9 33.7 50.5

Manual Integrations

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 Supervised By :Jagrut Upadhyay 07/08/2022



#38

1-Methylnaphthalene

Concen: 41.574 ng

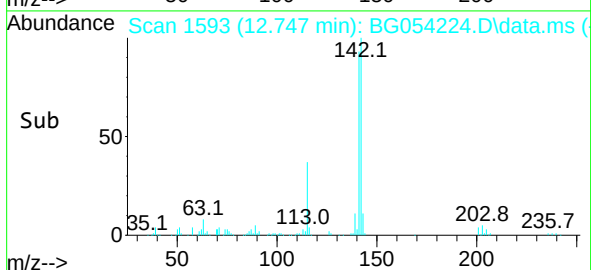
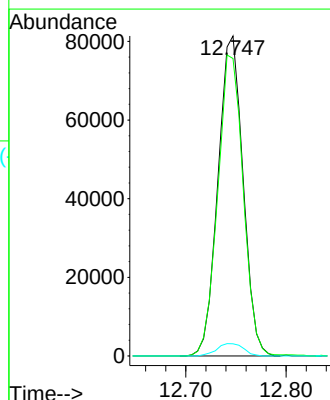
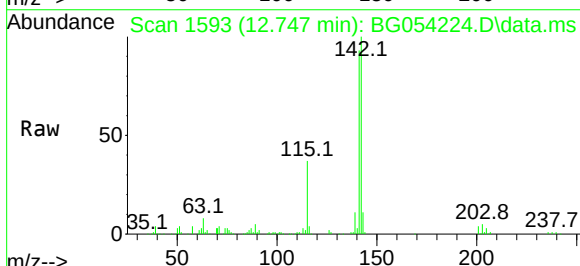
RT: 12.747 min Scan# 1593

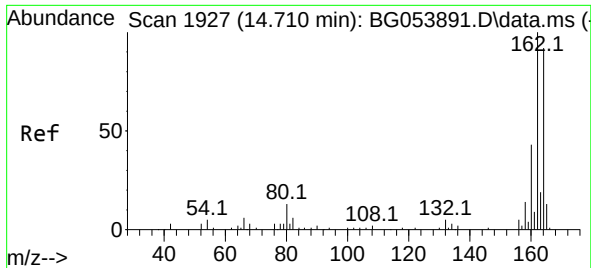
Delta R.T. -0.000 min

Lab File: BG054224.D

Acq: 7 Jul 2022 14:02

Tgt Ion:142 Resp: 140478
 Ion Ratio Lower Upper
 142 100
 141 92.9 76.4 114.6
 116 3.8 3.3 4.9





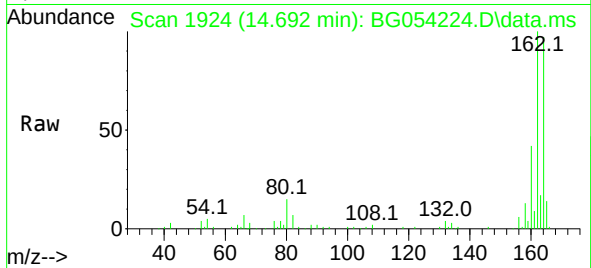
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

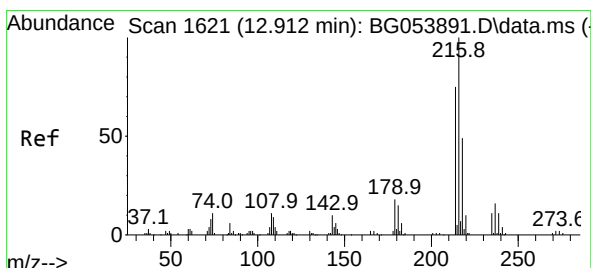
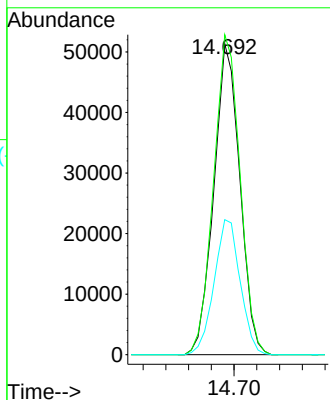
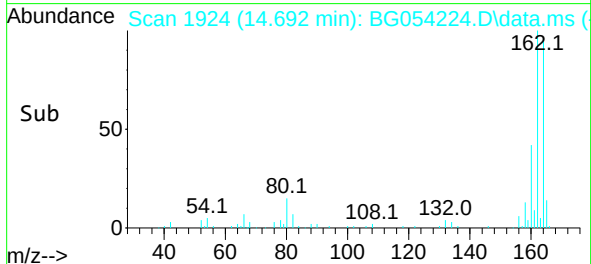


Tgt Ion:164 Resp: 81472
Ion Ratio Lower Upper
164 100
162 102.9 82.3 123.5
160 43.4 34.2 51.2

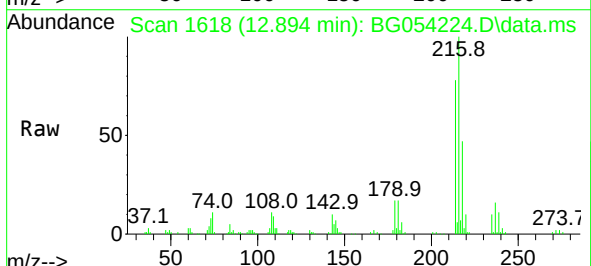
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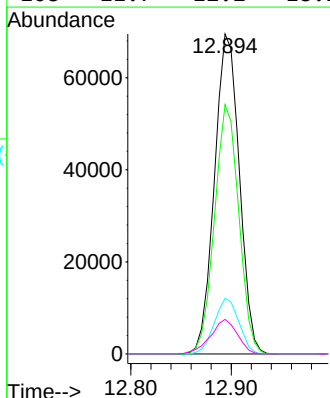
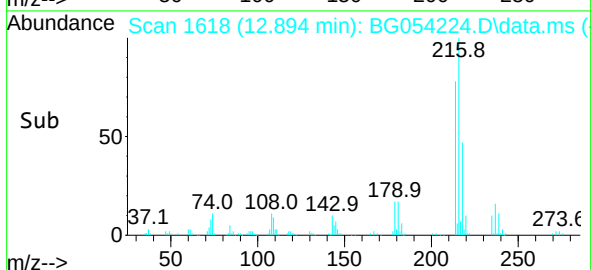
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

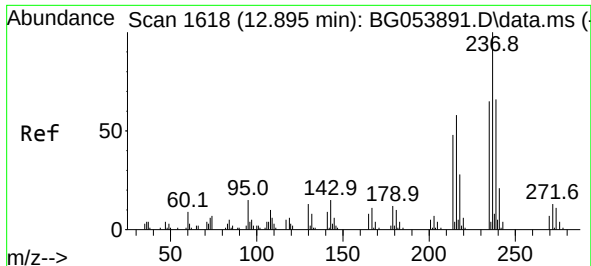


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.085 ng
RT: 12.894 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



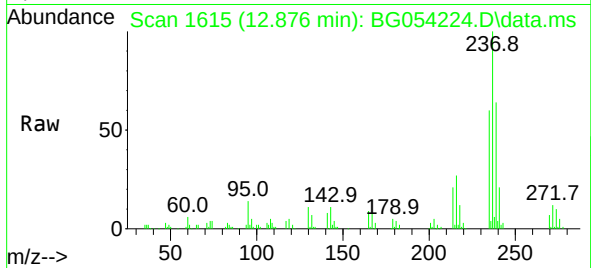
Tgt Ion:216 Resp: 119561
Ion Ratio Lower Upper
216 100
214 76.1 62.9 94.3
179 17.2 16.1 24.1
108 11.7 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 62.031 ng
RT: 12.876 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

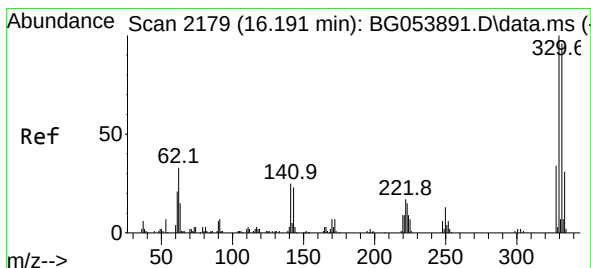
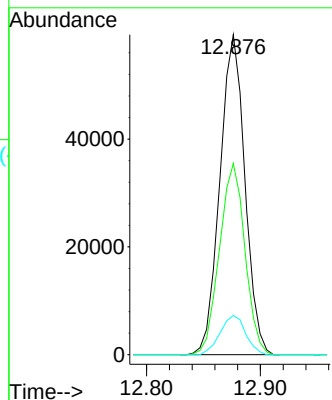
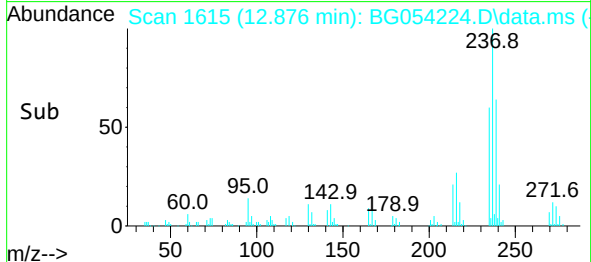
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



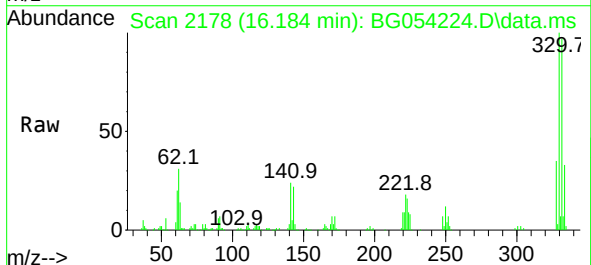
Tgt Ion:237 Resp: 9067
Ion Ratio Lower Upper
237 100
235 59.7 43.5 83.5
272 12.2 0.0 30.1

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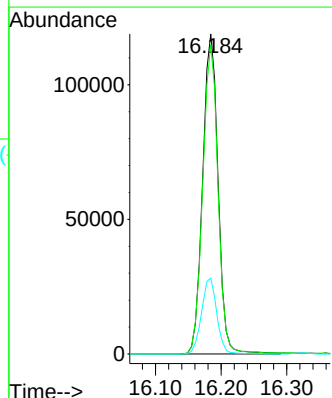
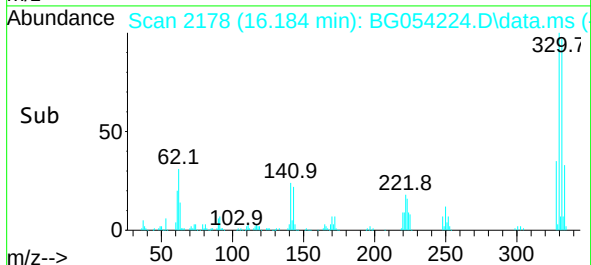
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

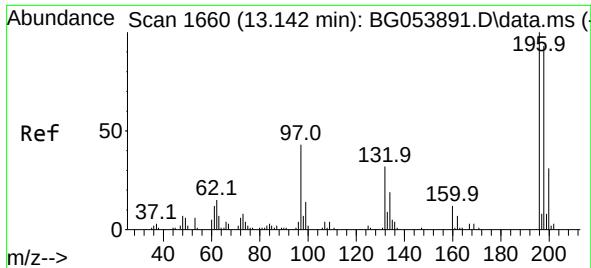


#42
2,4,6-Tribromophenol
Concen: 148.433 ng
RT: 16.184 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



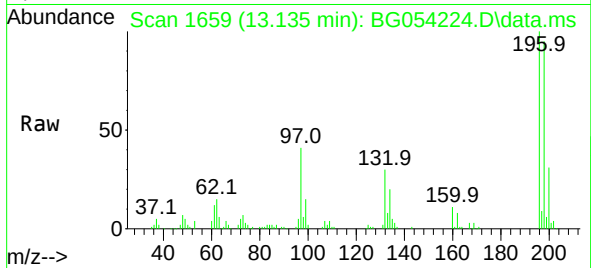
Tgt Ion:330 Resp: 194297
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 23.5 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 43.803 ng
RT: 13.135 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

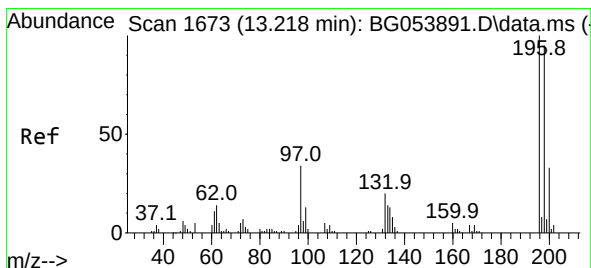
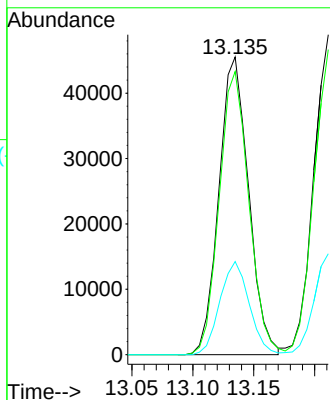
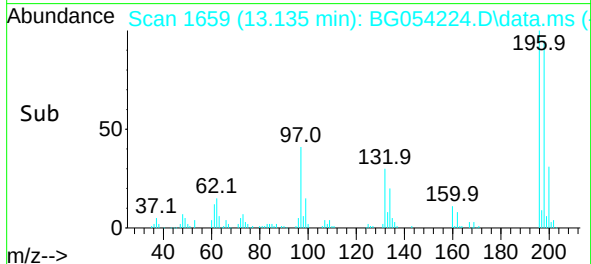
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



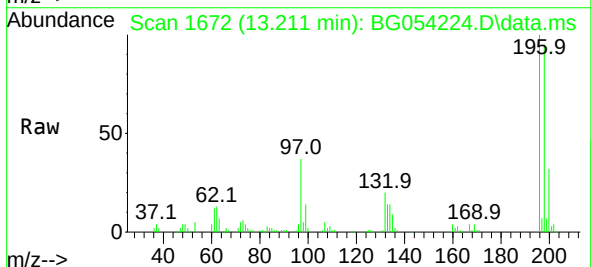
Tgt Ion:196 Resp: 7724
Ion Ratio Lower Upper
196 100
198 95.1 74.1 111.1
200 31.3 24.7 37.1

Manual Integrations
APPROVED

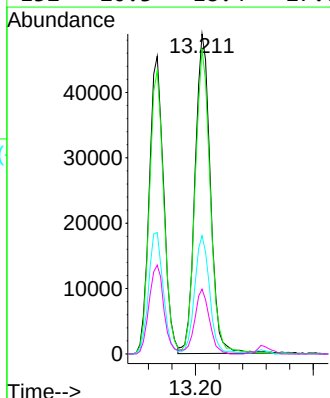
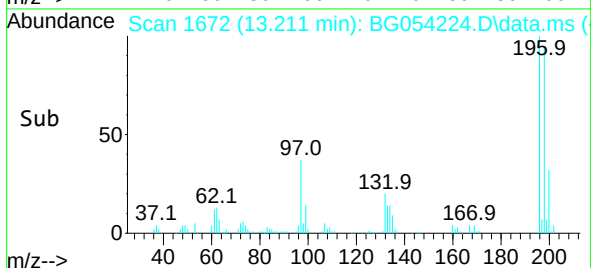
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

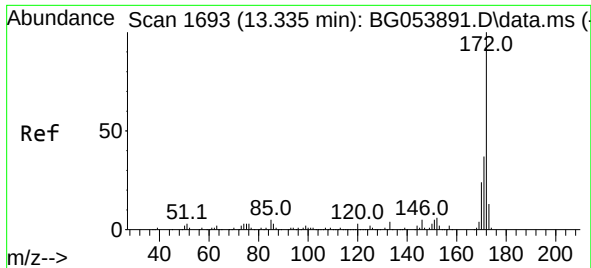


#44
2,4,5-Trichlorophenol
Concen: 44.862 ng
RT: 13.211 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



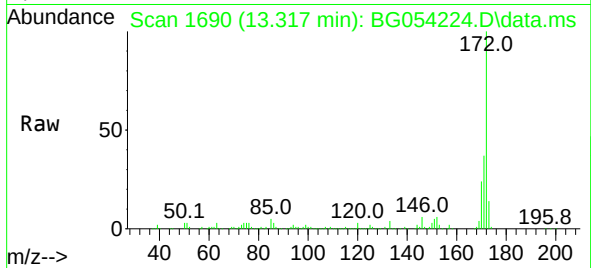
Tgt Ion:196 Resp: 88332
Ion Ratio Lower Upper
196 100
198 95.4 76.8 115.2
97 36.9 39.8 59.6#
132 20.3 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 77.857 ng
RT: 13.317 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

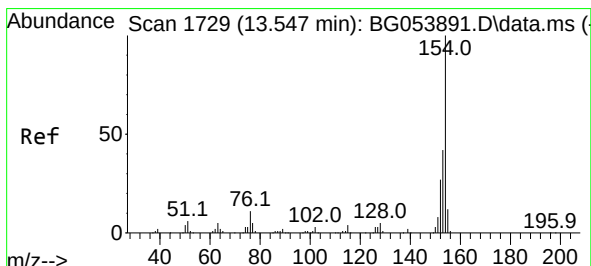
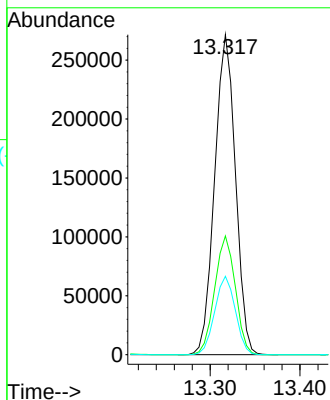
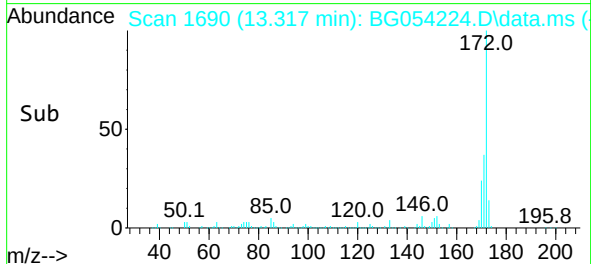
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



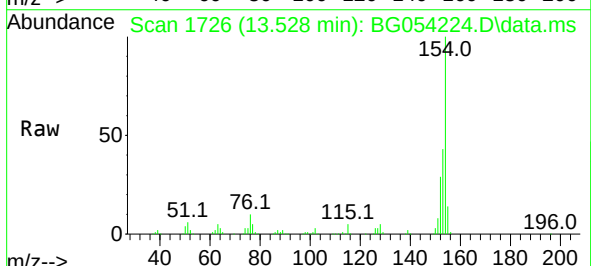
Tgt Ion:172 Resp: 436210
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.5 18.9 28.3

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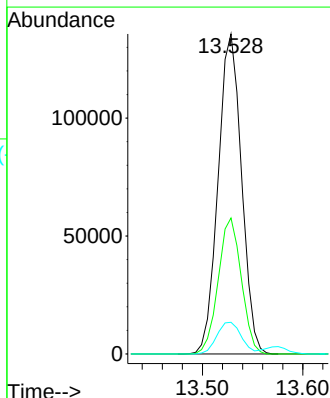
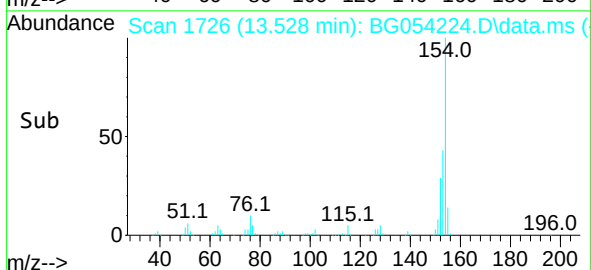
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

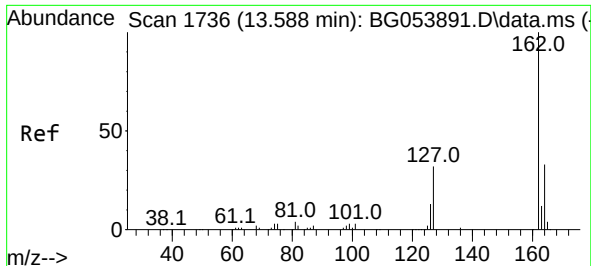


#46
1,1'-Biphenyl
Concen: 38.668 ng
RT: 13.528 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



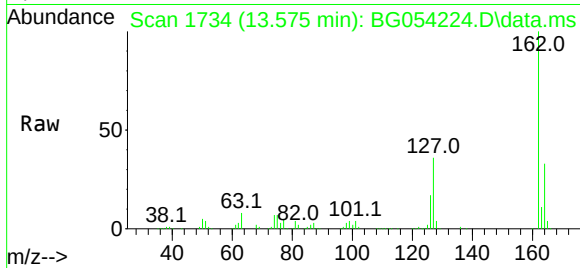
Tgt Ion:154 Resp: 219439
Ion Ratio Lower Upper
154 100
153 42.5 21.6 61.6
76 9.9 0.0 32.6





#47
2-Chloronaphthalene
Concen: 38.651 ng
RT: 13.575 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

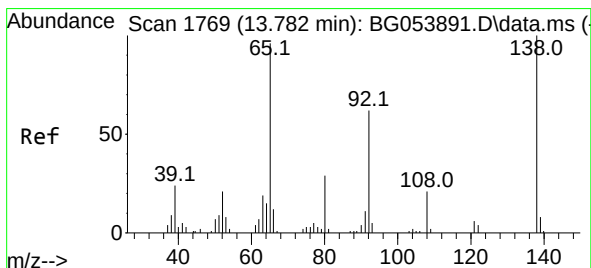
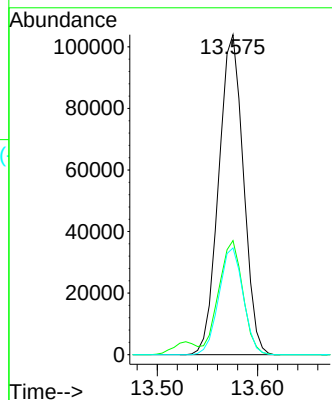
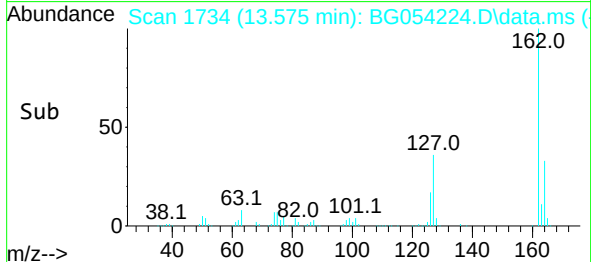
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



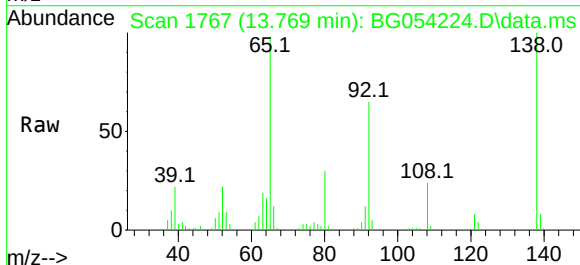
Tgt Ion:162 Resp: 177515
Ion Ratio Lower Upper
162 100
127 35.6 30.6 45.8
164 33.3 26.5 39.7

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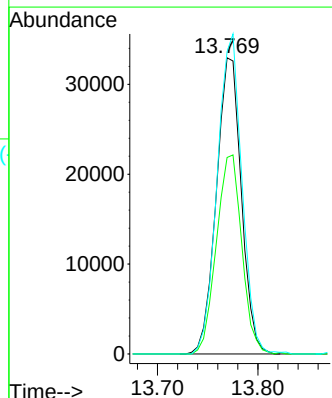
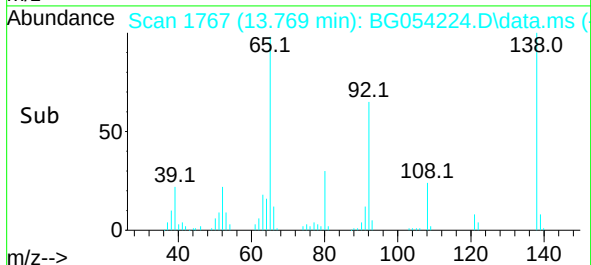
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

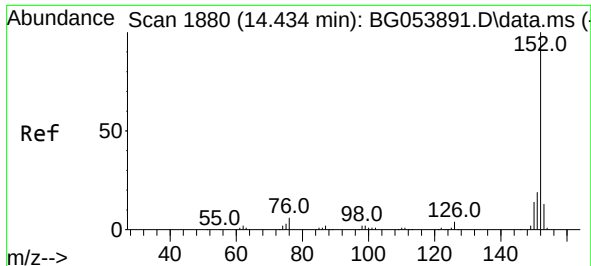


#48
2-Nitroaniline
Concen: 46.528 ng
RT: 13.769 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



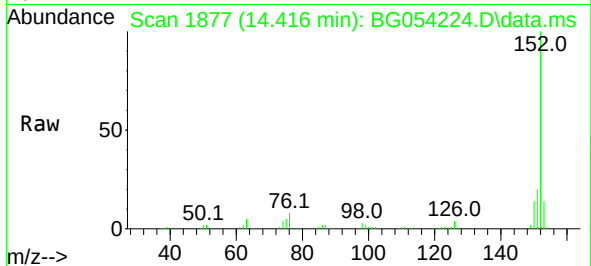
Tgt Ion: 65 Resp: 56844
Ion Ratio Lower Upper
65 100
92 66.4 51.5 77.3
138 102.0 71.3 106.9





#49
Acenaphthylene
Concen: 40.149 ng
RT: 14.416 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

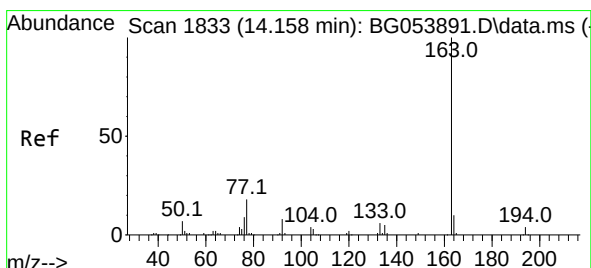
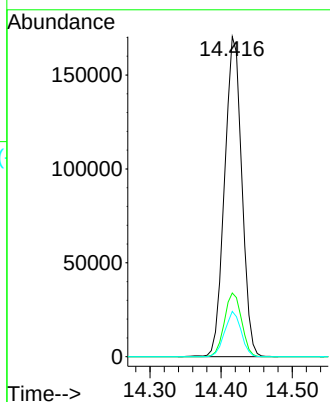
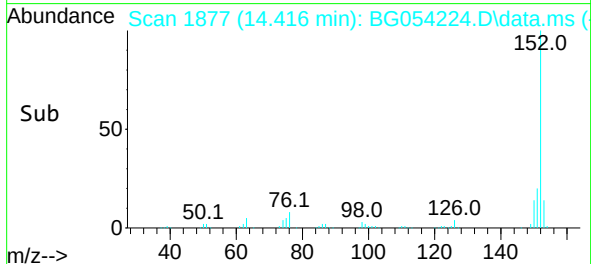
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



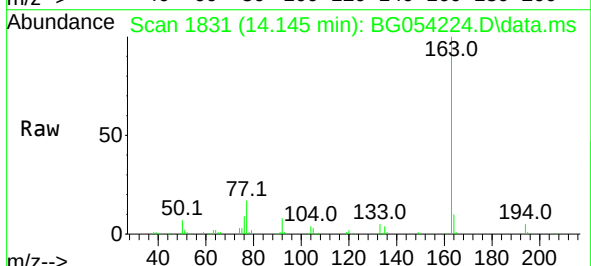
Tgt Ion:152 Resp: 286729
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 14.1 10.8 16.2

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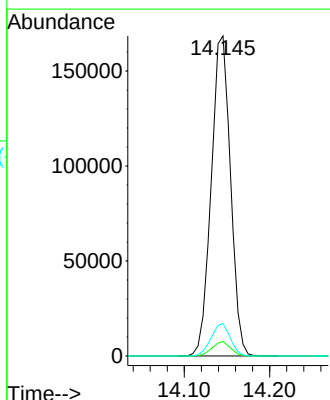
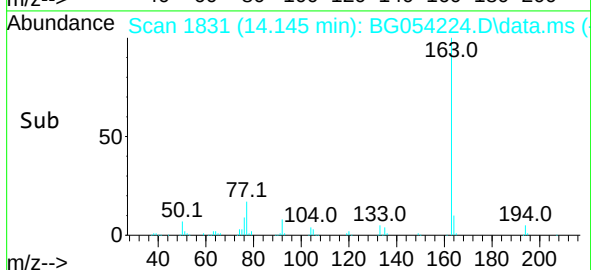
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

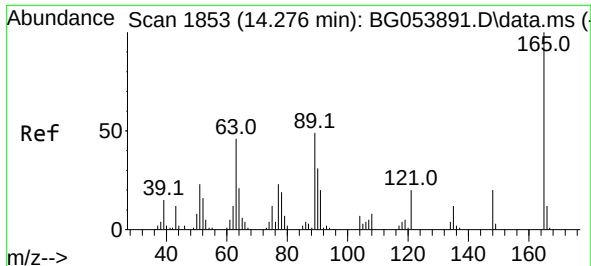


#50
Dimethylphthalate
Concen: 42.613 ng
RT: 14.145 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



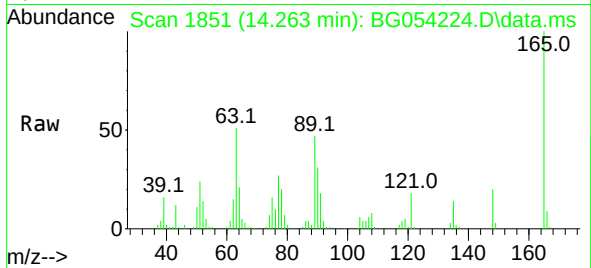
Tgt Ion:163 Resp: 264404
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 47.912 ng
RT: 14.263 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

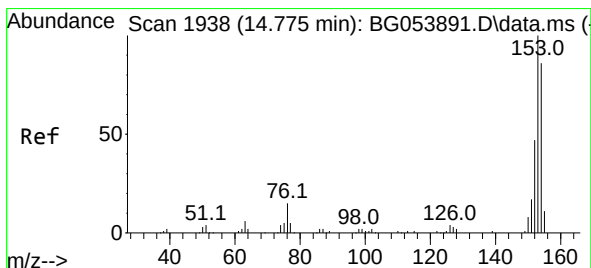
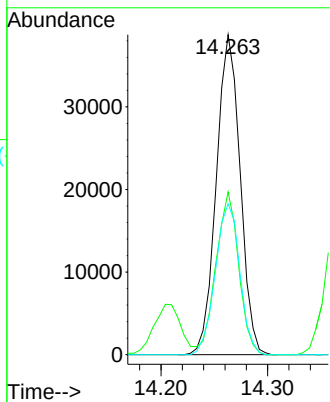
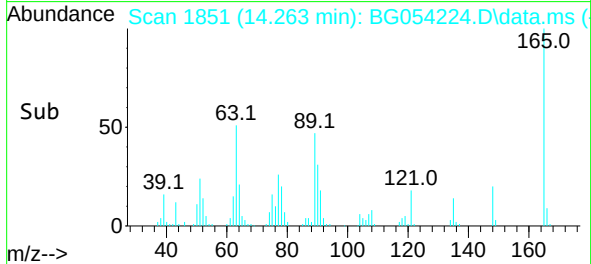
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



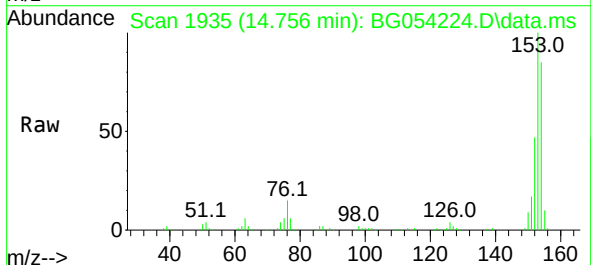
Tgt Ion:165 Resp: 60064
Ion Ratio Lower Upper
165 100
63 50.9 54.1 81.1
89 47.2 54.8 82.2

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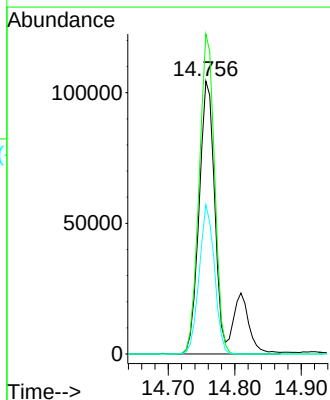
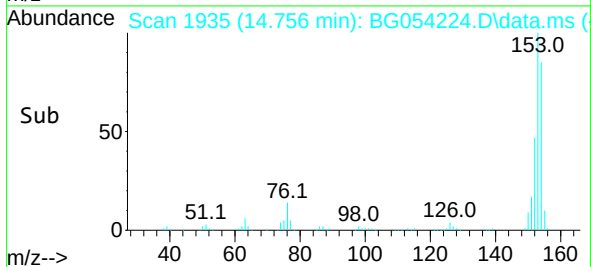
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

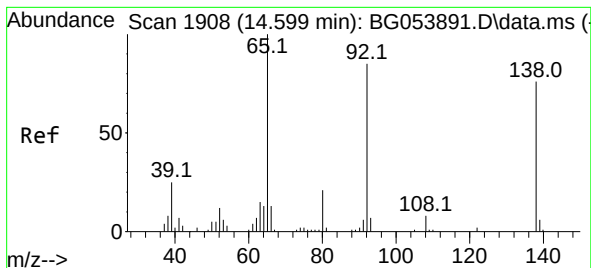


#52
Acenaphthene
Concen: 45.419 ng m
RT: 14.756 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



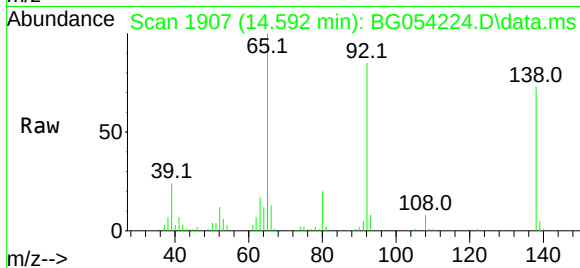
Tgt Ion:154 Resp: 206760
Ion Ratio Lower Upper
154 100
153 117.3 92.7 139.1
152 54.7 42.6 64.0





#53
3-Nitroaniline
Concen: 37.927 ng
RT: 14.592 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

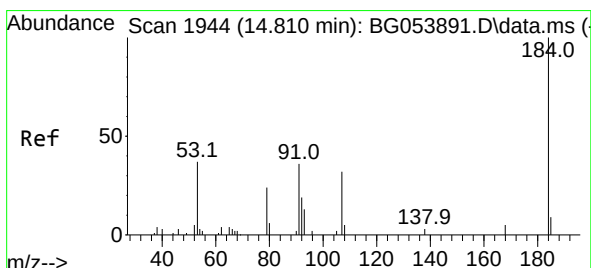
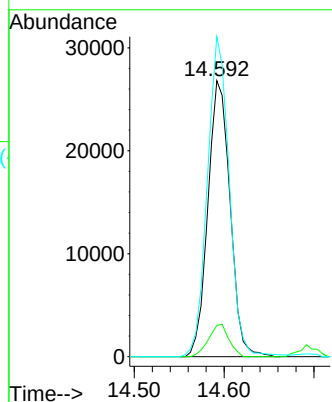
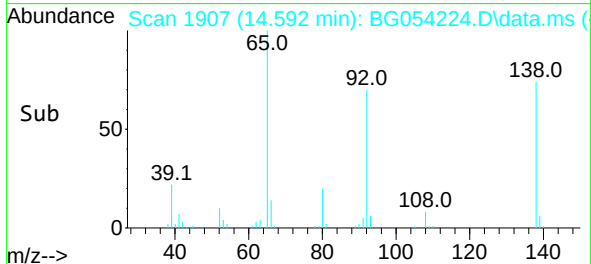
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



Tgt Ion:138 Resp: 46064
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 115.9 101.9 152.9

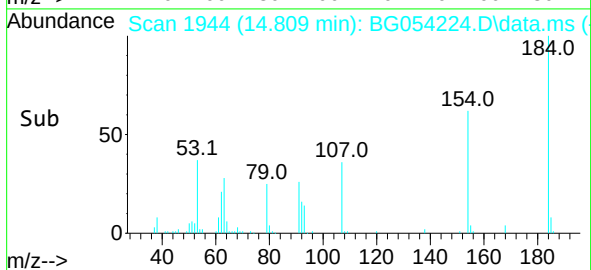
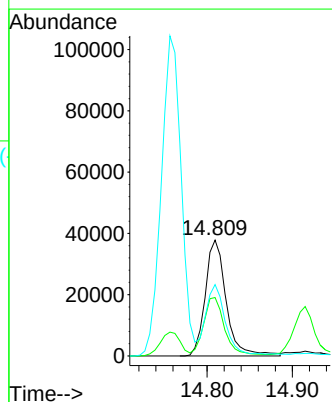
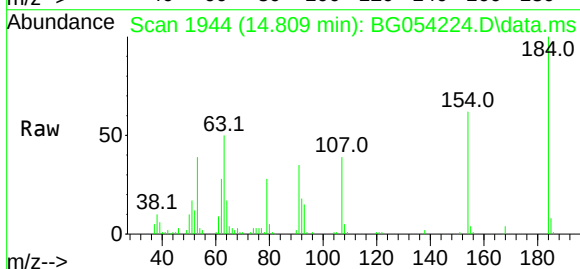
Manual Integrations
APPROVED

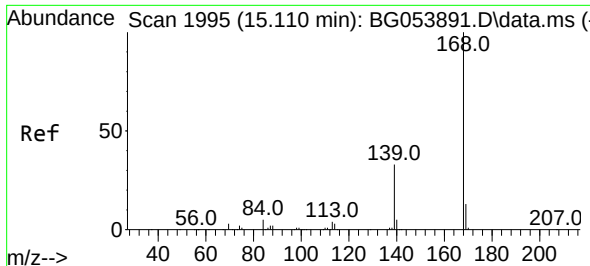
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#54
2,4-Dinitrophenol
Concen: 91.985 ng
RT: 14.809 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

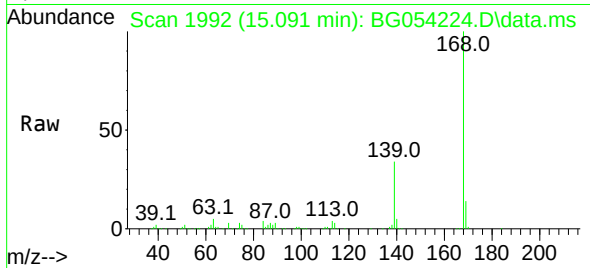
Tgt Ion:184 Resp: 64430
Ion Ratio Lower Upper
184 100
63 50.5 61.1 91.7#
154 61.7 60.6 91.0





#55
Dibenzofuran
Concen: 41.276 ng
RT: 15.091 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

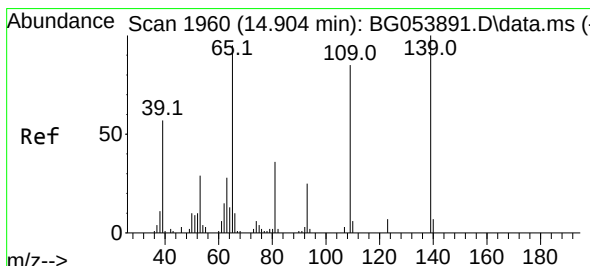
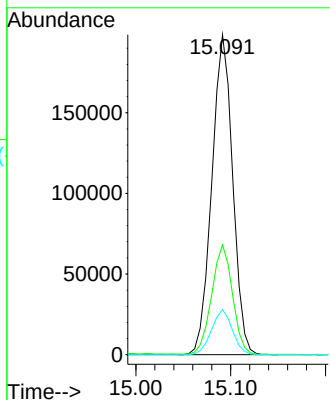
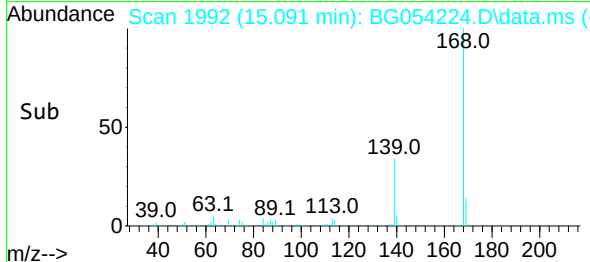
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



Tgt Ion:168 Resp: 302738
Ion Ratio Lower Upper
168 100
139 34.4 30.5 45.7
169 14.0 10.3 15.5

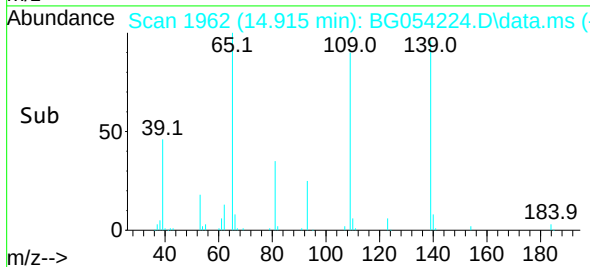
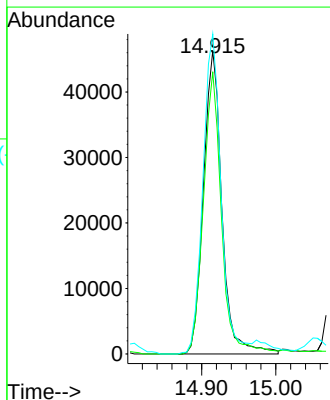
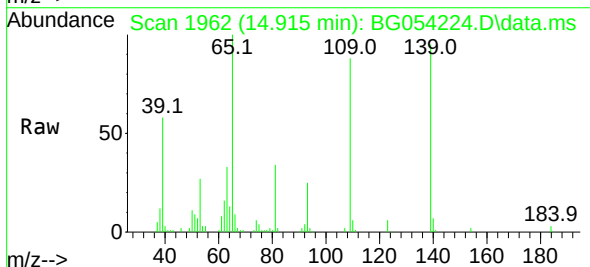
Manual Integrations
APPROVED

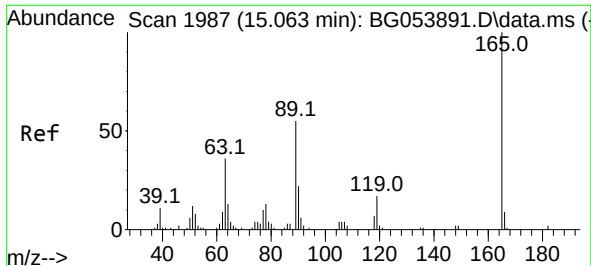
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#56
4-Nitrophenol
Concen: 93.067 ng
RT: 14.915 min Scan# 1962
Delta R.T. 0.017 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Tgt Ion:139 Resp: 80249
Ion Ratio Lower Upper
139 100
109 93.0 88.5 128.5
65 105.5 93.9 133.9





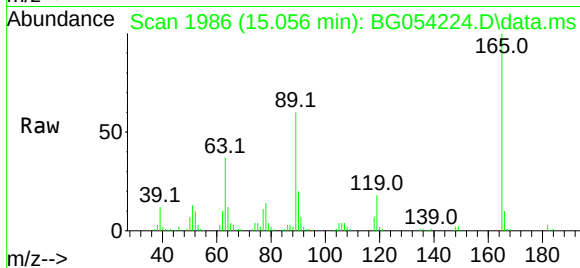
#57
2,4-Dinitrotoluene
Concen: 50.346 ng
RT: 15.056 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

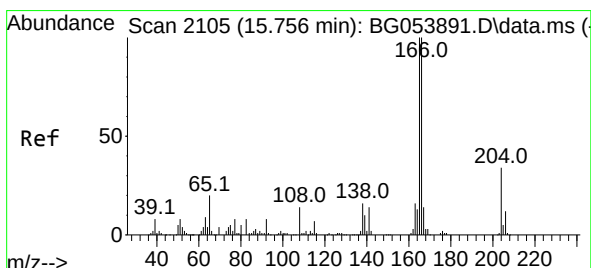
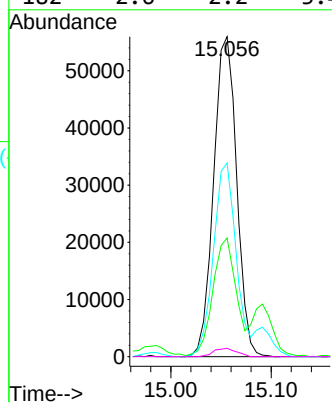
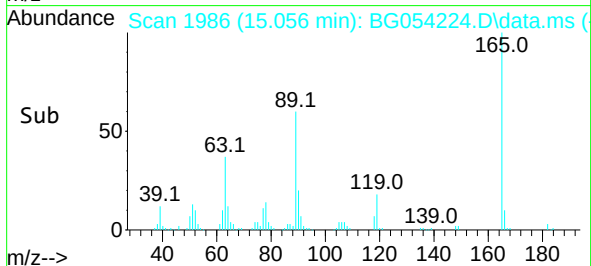


Tgt Ion:165 Resp: 89130
Ion Ratio Lower Upper
165 100
63 37.1 34.6 52.0
89 60.5 60.3 90.5
182 2.6 2.2 3.4

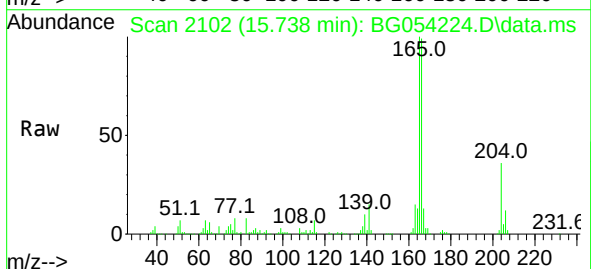
Manual Integrations

APPROVED

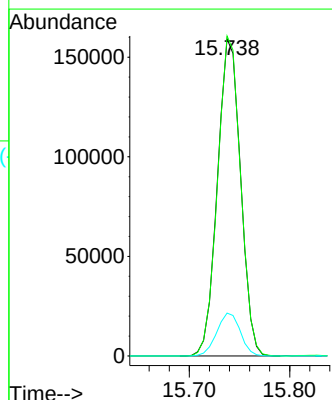
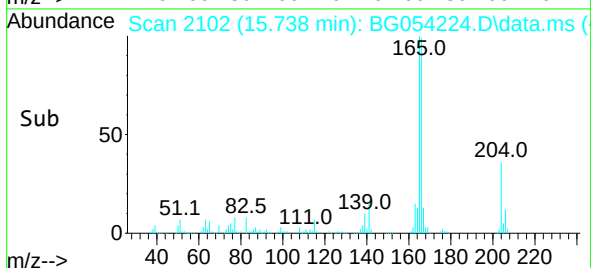
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

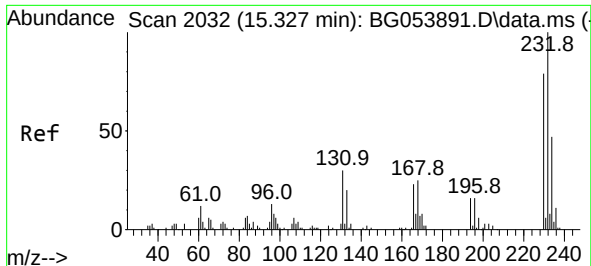


#58
Fluorene
Concen: 42.279 ng
RT: 15.738 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



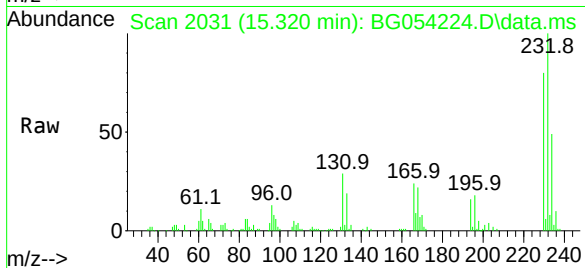
Tgt Ion:166 Resp: 254609
Ion Ratio Lower Upper
166 100
165 100.9 75.0 112.6
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.103 ng
RT: 15.320 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

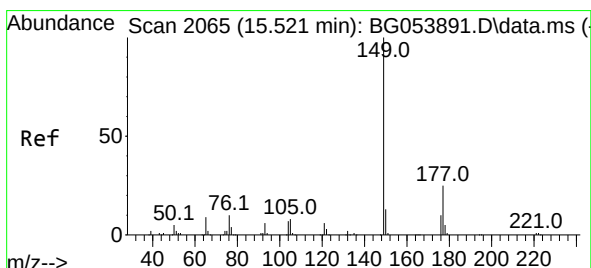
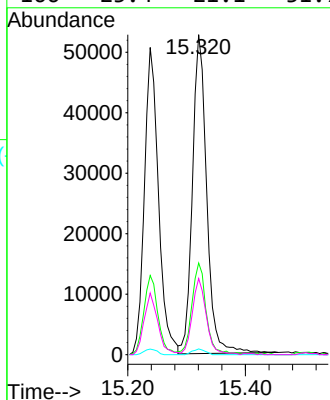
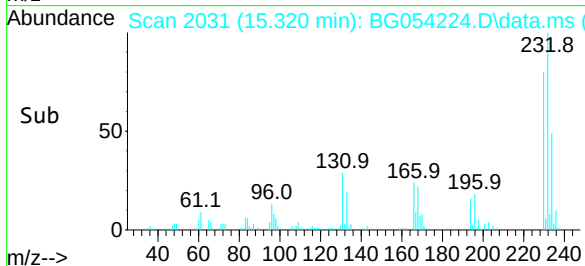
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



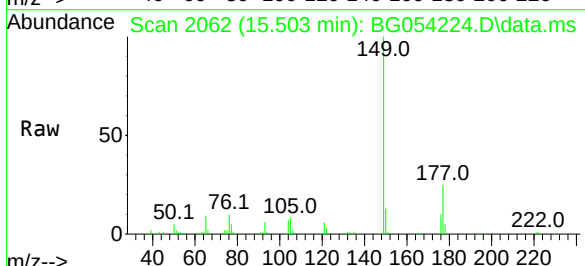
Tgt Ion:232 Resp: 88774
Ion Ratio Lower Upper
232 100
131 27.5 30.6 46.0
130 1.6 1.8 2.8
166 23.4 21.1 31.7

Manual Integrations
APPROVED

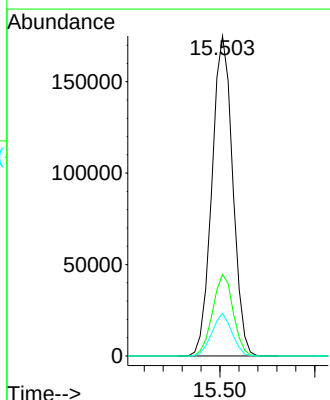
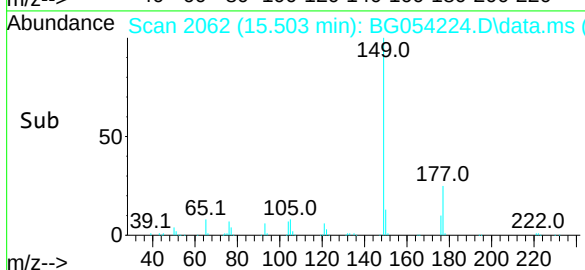
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

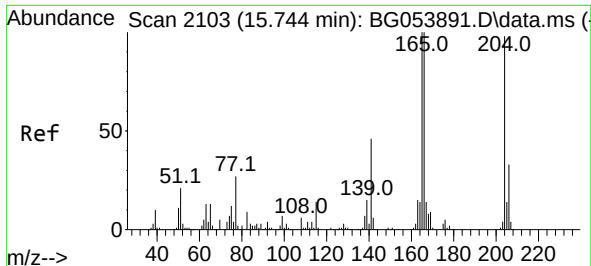


#60
Diethylphthalate
Concen: 44.202 ng
RT: 15.503 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



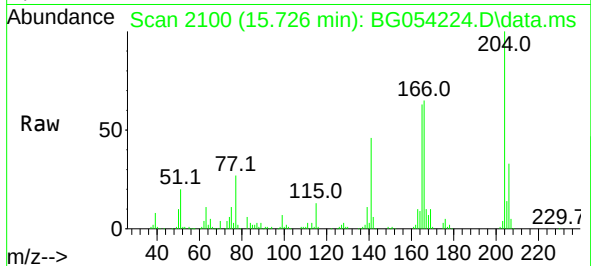
Tgt Ion:149 Resp: 265604
Ion Ratio Lower Upper
149 100
177 25.5 18.4 27.6
150 13.4 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 44.359 ng
RT: 15.726 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

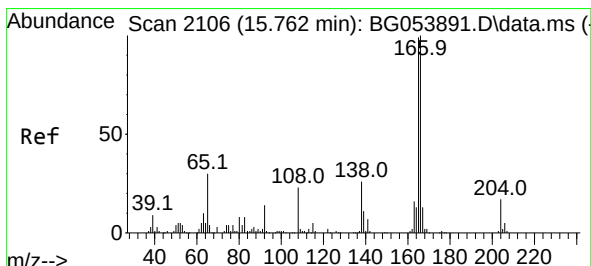
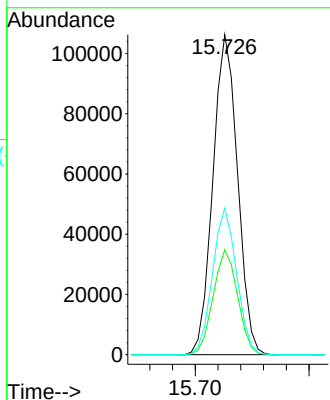
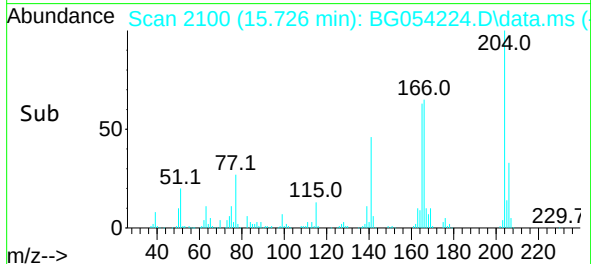
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



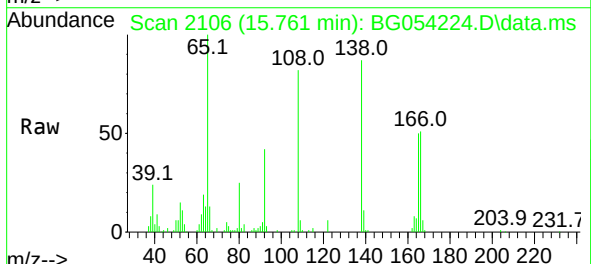
Tgt Ion:204 Resp: 15992
Ion Ratio Lower Upper
204 100
206 32.8 27.5 41.3
141 45.8 45.3 67.9

Manual Integrations
APPROVED

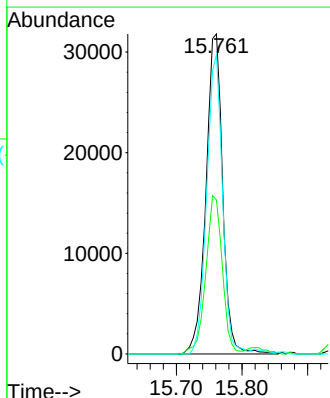
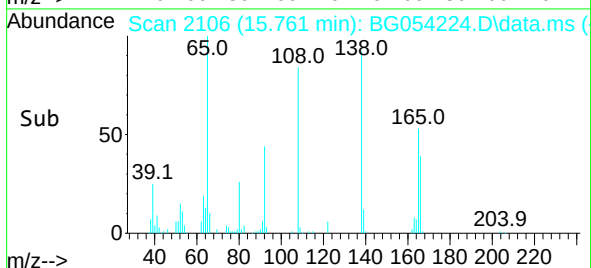
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

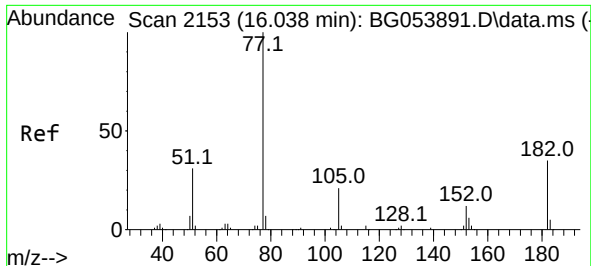


#62
4-Nitroaniline
Concen: 44.572 ng
RT: 15.761 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



Tgt Ion:138 Resp: 56454
Ion Ratio Lower Upper
138 100
92 48.2 40.5 80.5
108 93.7 103.7 143.7#





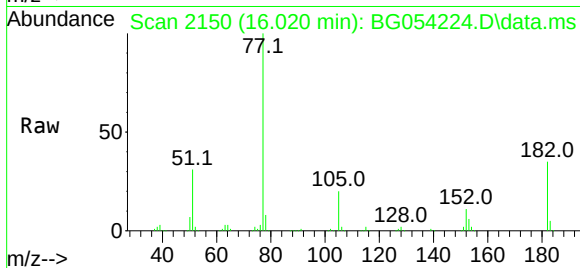
#63
Azobenzene
Concen: 42.978 ng
RT: 16.020 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

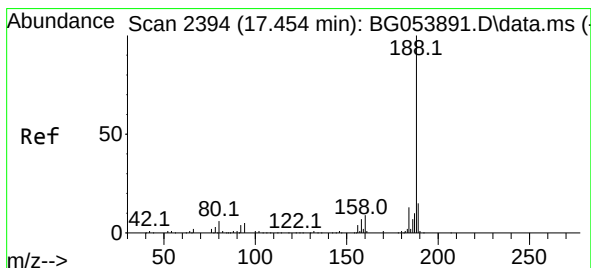
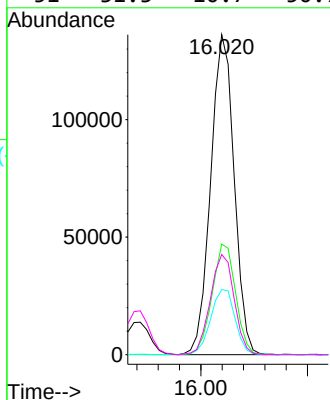
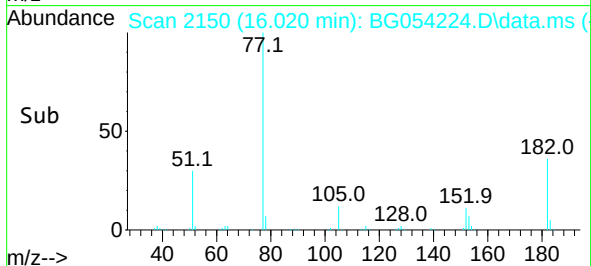


Tgt Ion: 77 Resp: 207875
Ion Ratio Lower Upper
77 100
182 34.6 3.8 43.8
105 20.4 0.0 37.8
51 31.3 10.7 50.7

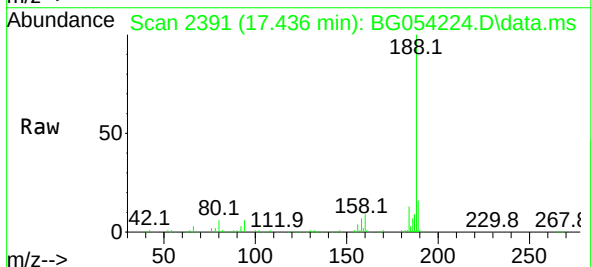
Manual Integrations

APPROVED

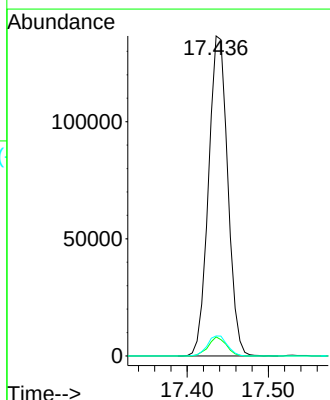
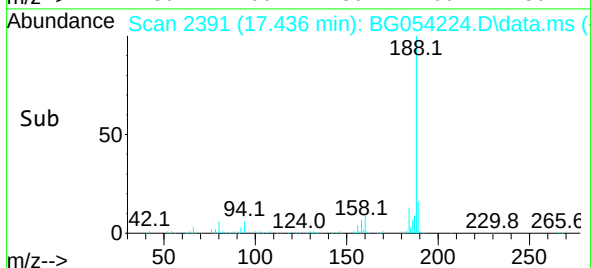
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

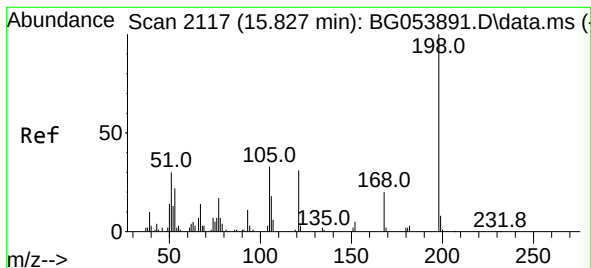


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



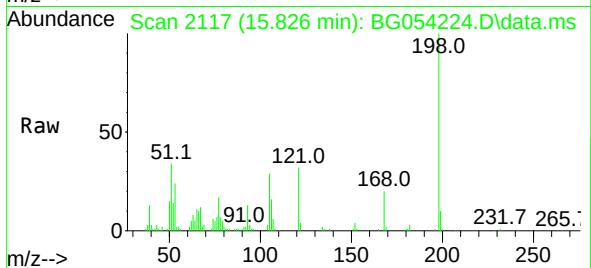
Tgt Ion:188 Resp: 224608
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.3 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 47.506 ng
RT: 15.826 min Scan# 2117
Delta R.T. 0.011 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

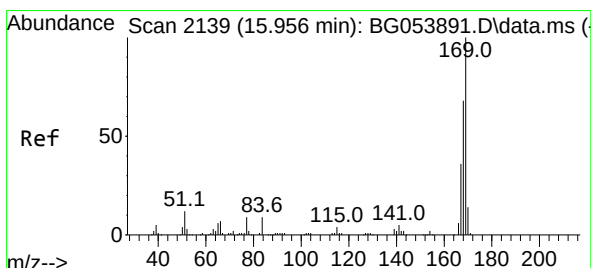
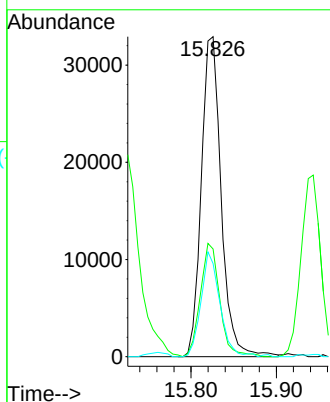
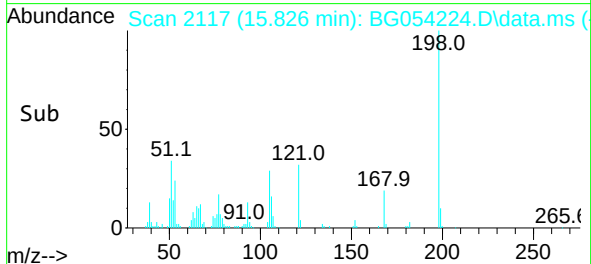
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



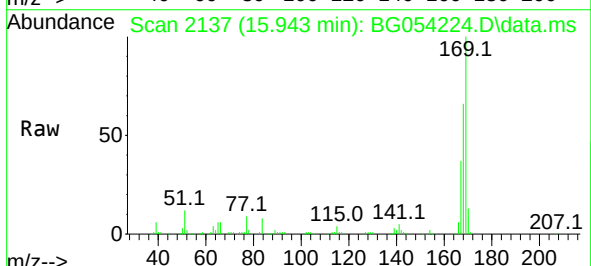
Tgt Ion:198 Resp: 53234
Ion Ratio Lower Upper
198 100
51 33.7 28.1 68.1
105 29.1 20.3 60.3

Manual Integrations
APPROVED

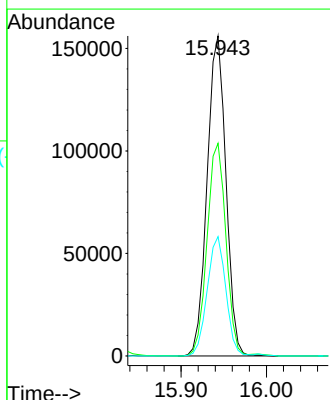
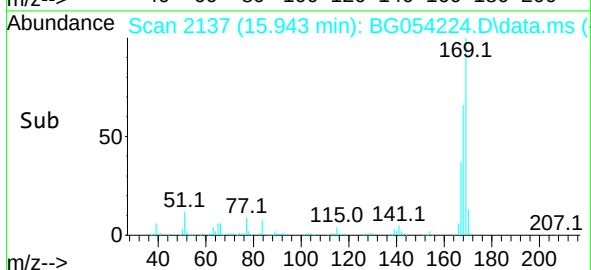
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

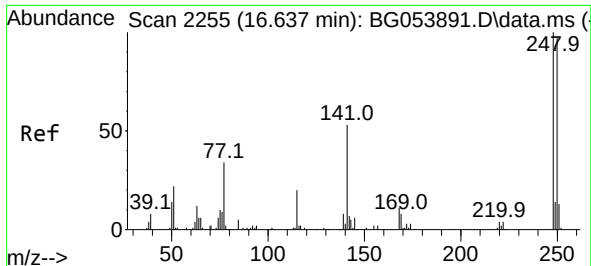


#66
n-Nitrosodiphenylamine
Concen: 40.829 ng
RT: 15.943 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



Tgt Ion:169 Resp: 239003
Ion Ratio Lower Upper
169 100
168 66.5 55.9 83.9
167 37.3 30.6 46.0





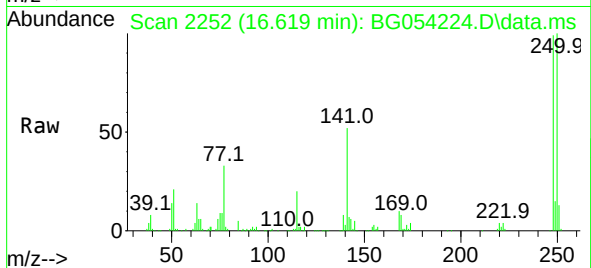
#67
4-Bromophenyl-phenylether
Concen: 42.839 ng
RT: 16.619 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

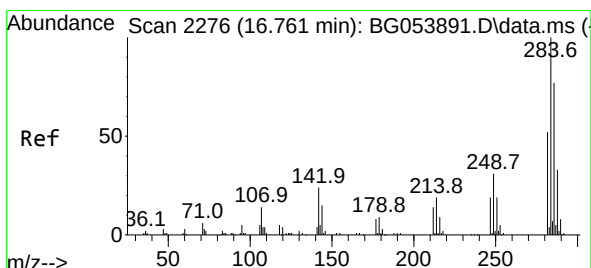
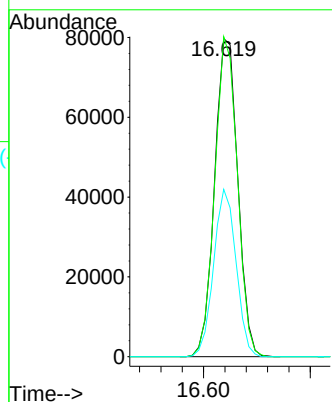
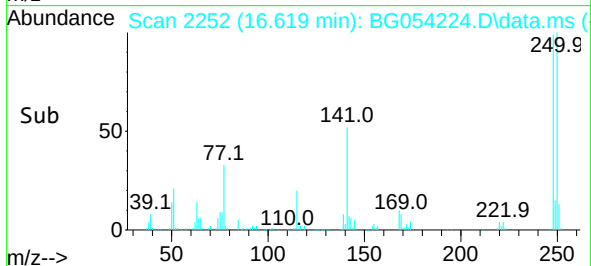


Tgt Ion:248 Resp: 120174
Ion Ratio Lower Upper
248 100
250 100.5 75.2 112.8
141 52.6 50.0 75.0

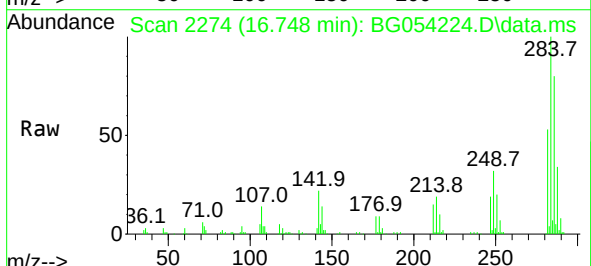
Manual Integrations

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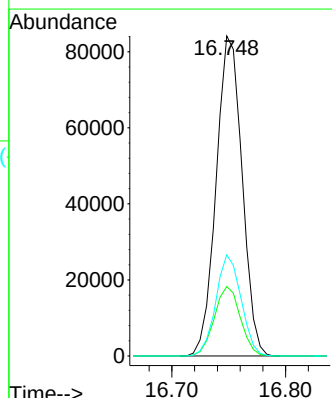
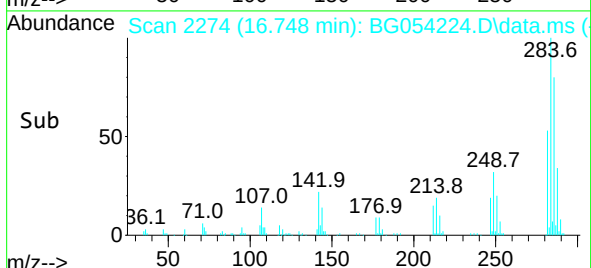
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

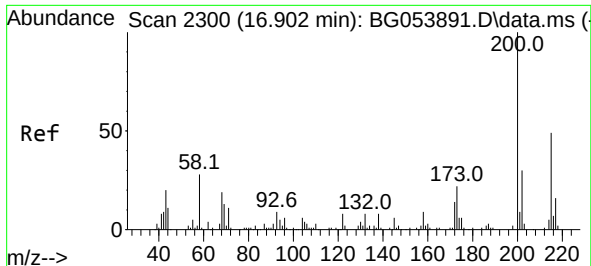


#68
Hexachlorobenzene
Concen: 41.556 ng
RT: 16.748 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



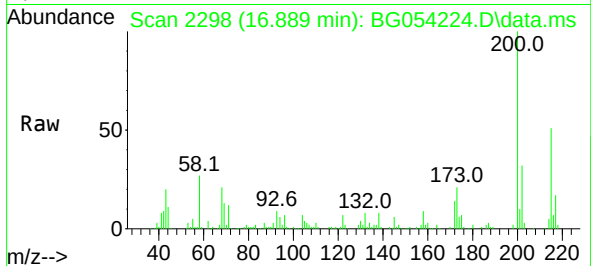
Tgt Ion:284 Resp: 133349
Ion Ratio Lower Upper
284 100
142 21.7 23.6 35.4#
249 31.6 25.8 38.6





#69
 Atrazine
 Concen: 47.369 ng
 RT: 16.889 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BG054224.D
 Acq: 7 Jul 2022 14:02

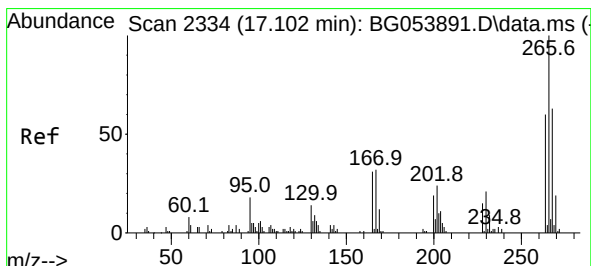
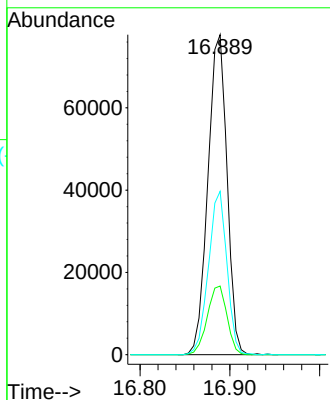
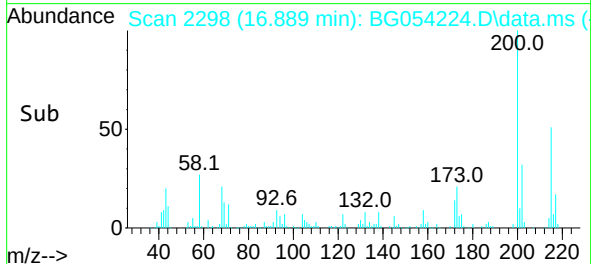
Instrument :
 BNA_G
 ClientSampleId :
 PB146067BSD



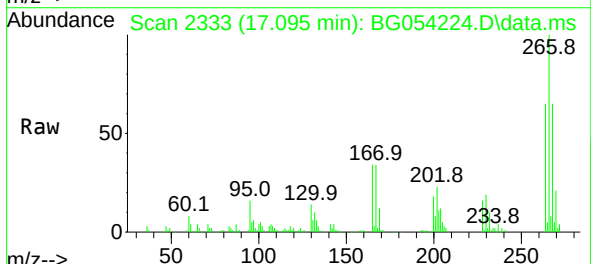
Tgt Ion:200 Resp: 11486
 Ion Ratio Lower Upper
 200 100
 173 21.5 3.7 43.7
 215 51.0 25.2 65.2

Manual Integrations
 APPROVED

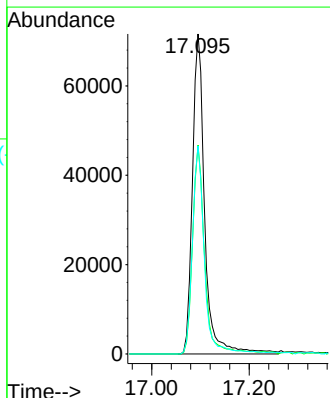
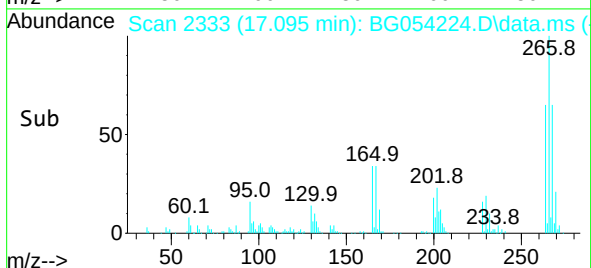
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

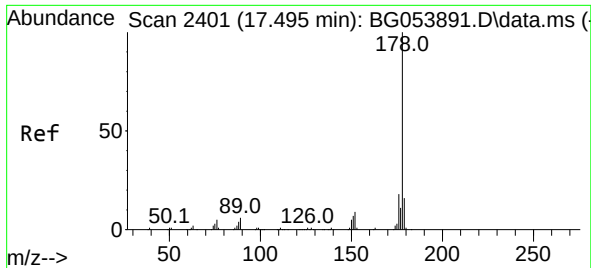


#70
 Pentachlorophenol
 Concen: 84.395 ng
 RT: 17.095 min Scan# 2333
 Delta R.T. -0.000 min
 Lab File: BG054224.D
 Acq: 7 Jul 2022 14:02



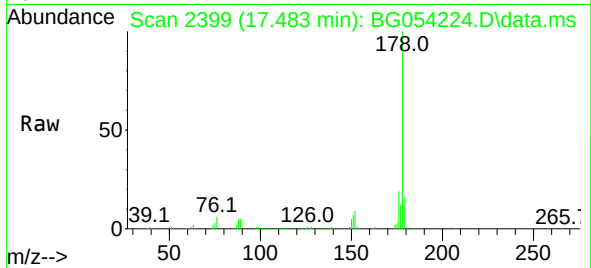
Tgt Ion:266 Resp: 125799
 Ion Ratio Lower Upper
 266 100
 268 65.2 56.2 84.2
 264 65.0 53.0 79.4





#71
Phenanthrene
Concen: 39.968 ng
RT: 17.483 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

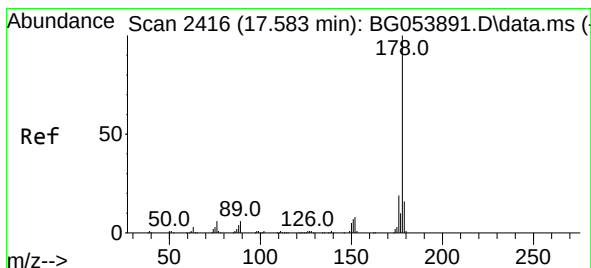
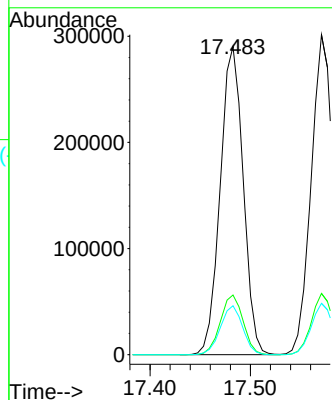
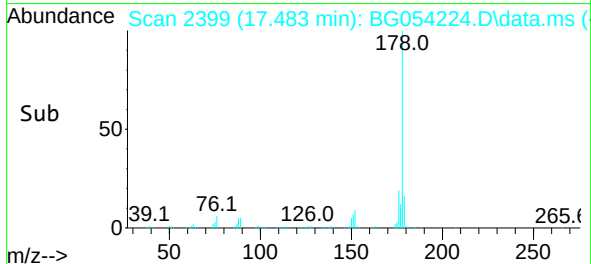
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



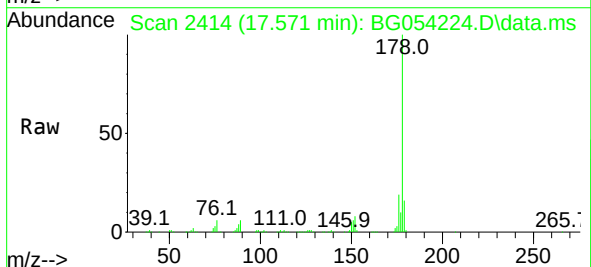
Tgt Ion:178 Resp: 461214
Ion Ratio Lower Upper
178 100
176 19.4 14.1 21.1
179 15.9 12.1 18.1

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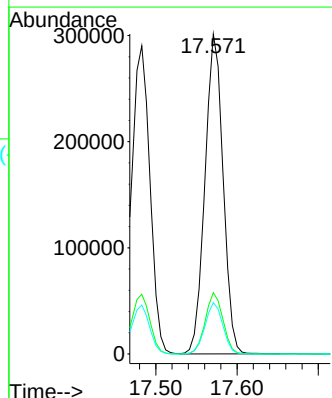
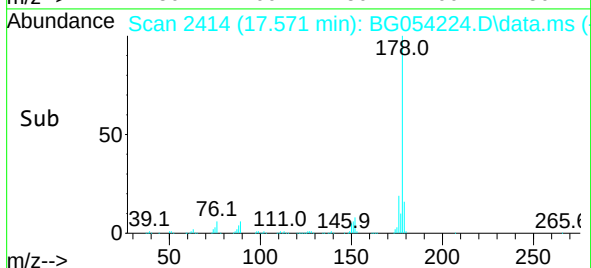
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

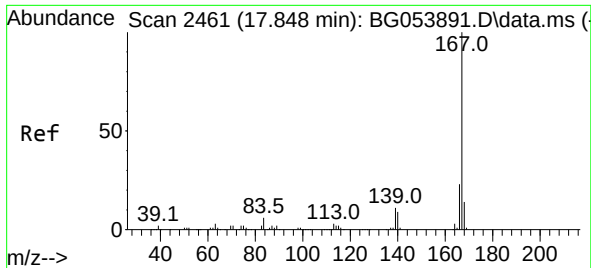


#72
Anthracene
Concen: 41.343 ng
RT: 17.571 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



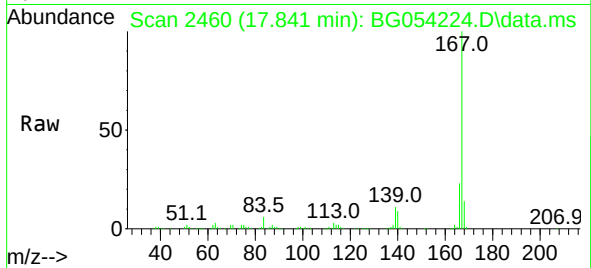
Tgt Ion:178 Resp: 465889
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 16.0 13.0 19.4





#73
Carbazole
Concen: 41.848 ng
RT: 17.841 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

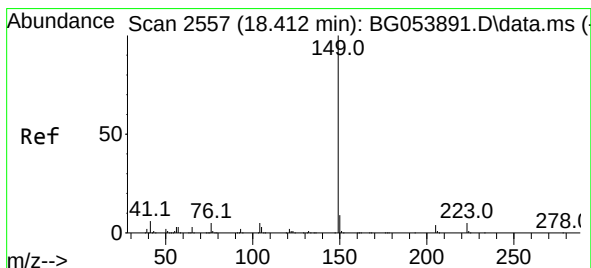
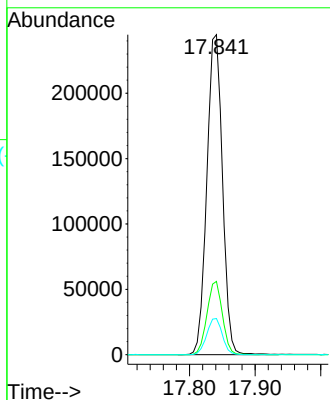
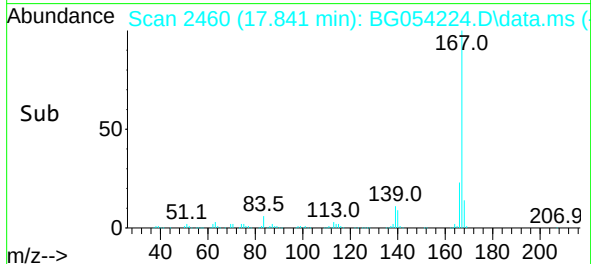
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



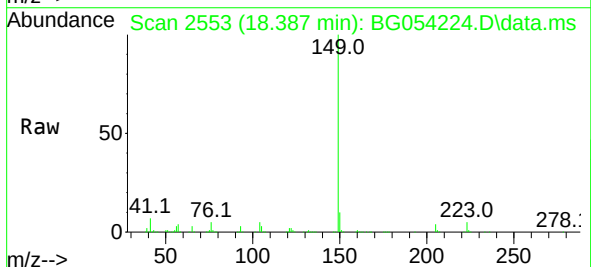
Tgt Ion:167 Resp: 404777
Ion Ratio Lower Upper
167 100
166 22.9 18.2 27.2
139 11.3 10.1 15.1

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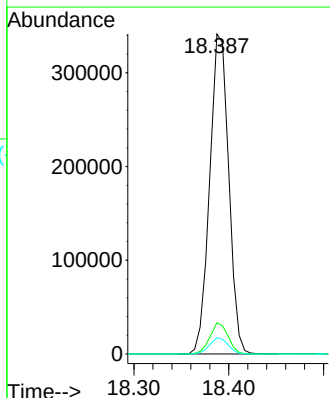
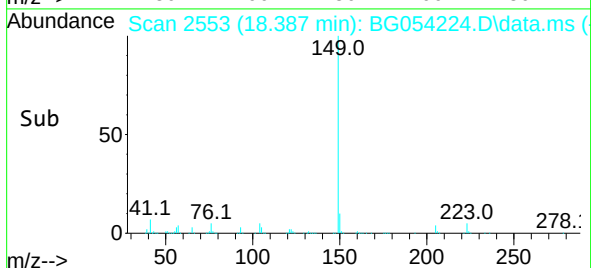
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

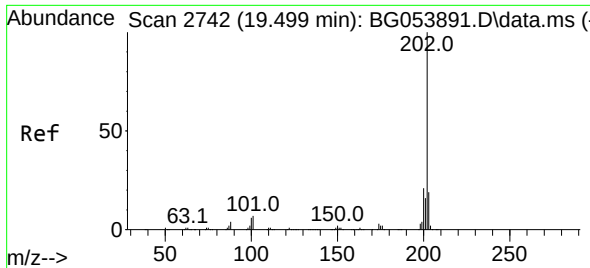


#74
Di-n-butylphthalate
Concen: 42.537 ng
RT: 18.387 min Scan# 2553
Delta R.T. -0.012 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



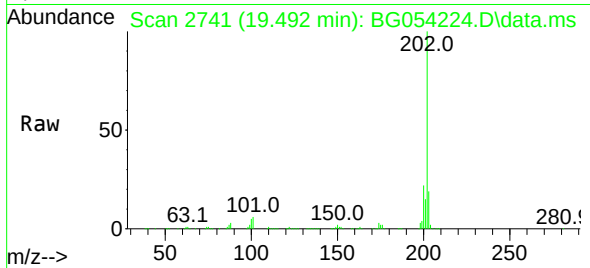
Tgt Ion:149 Resp: 475714
Ion Ratio Lower Upper
149 100
150 9.8 7.7 11.5
104 5.0 5.4 8.0#





#75
Fluoranthene
Concen: 39.816 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

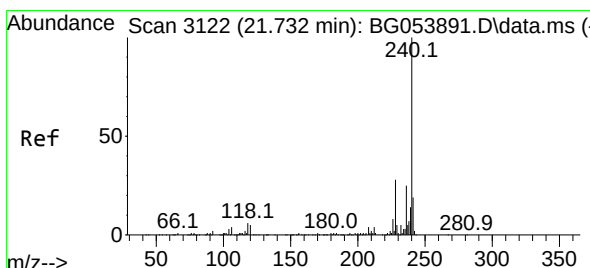
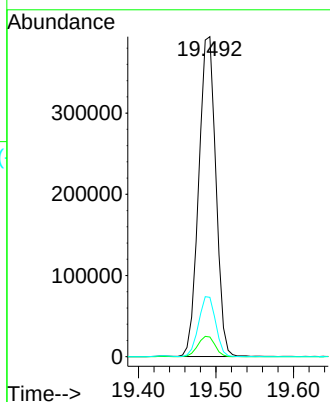
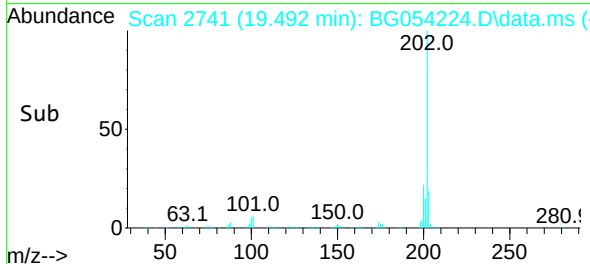
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



Tgt Ion:202 Resp: 60315
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.9
203 18.6 0.0 37.2

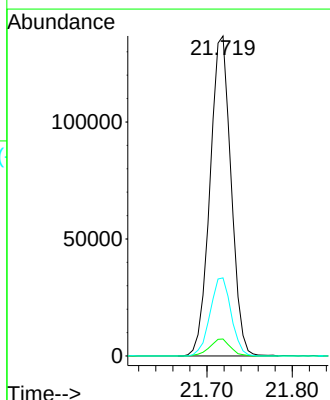
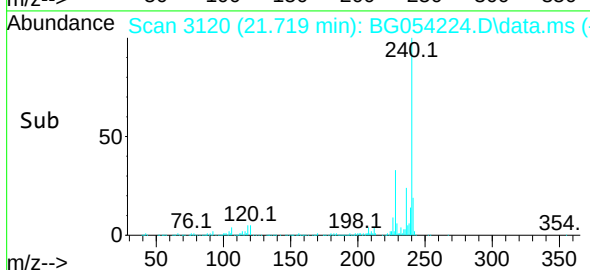
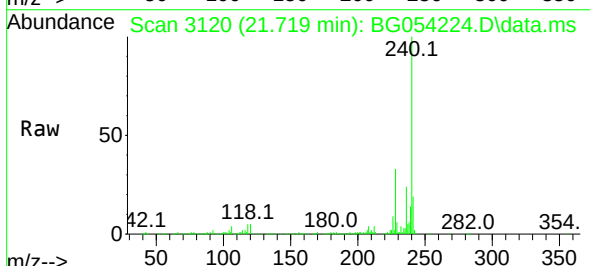
Manual Integrations
APPROVED

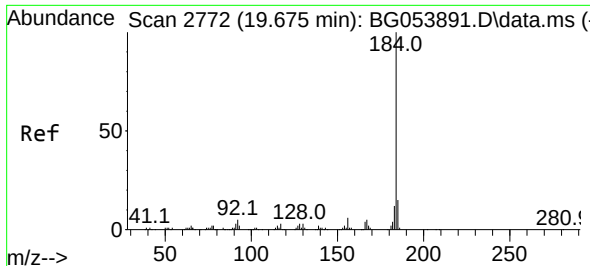
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

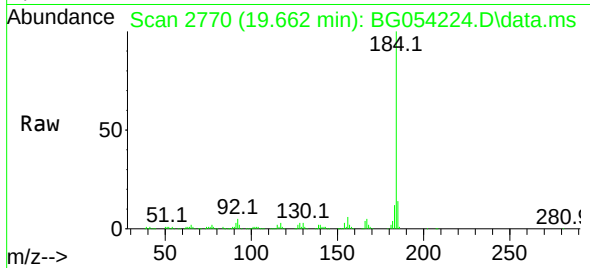
Tgt Ion:240 Resp: 234776
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 24.4 20.2 30.4





#77
Benzidine
Concen: 66.128 ng
RT: 19.662 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

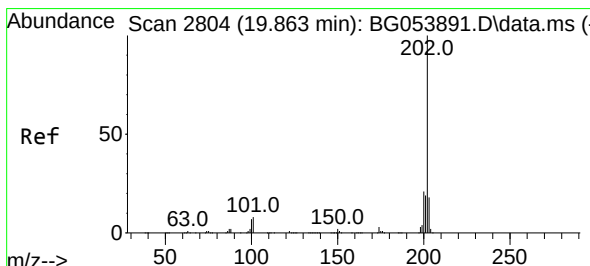
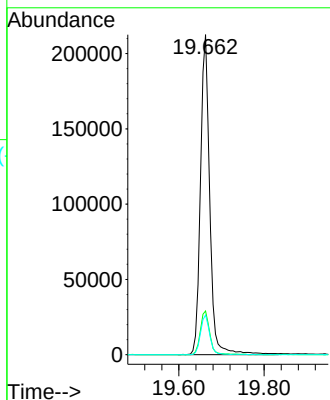
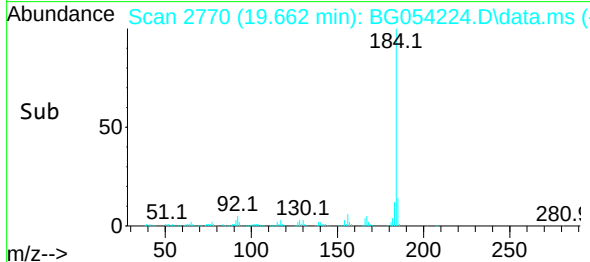
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



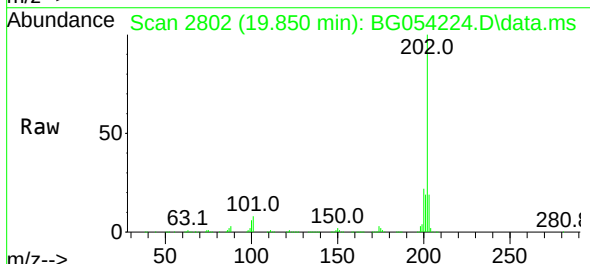
Tgt Ion:184 Resp: 32151
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 12.4 8.9 13.3

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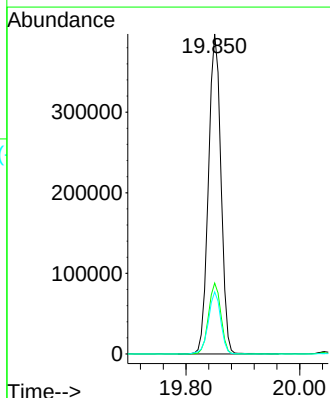
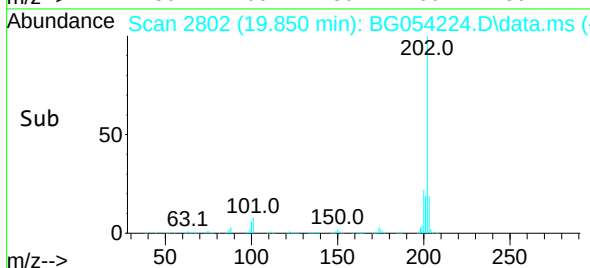
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

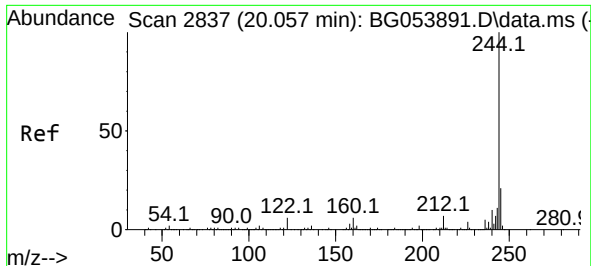


#78
Pyrene
Concen: 42.482 ng
RT: 19.850 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



Tgt Ion:202 Resp: 602388
Ion Ratio Lower Upper
202 100
200 22.2 16.6 24.8
203 19.4 14.6 21.8





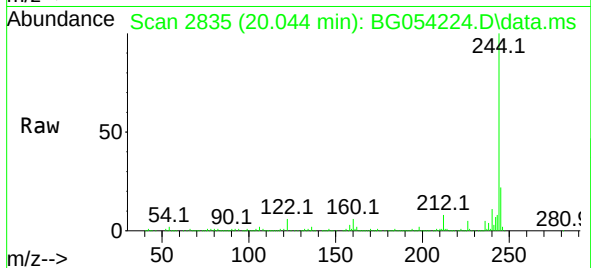
#79
 Terphenyl-d14
 Concen: 90.895 ng
 RT: 20.044 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054224.D
 Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

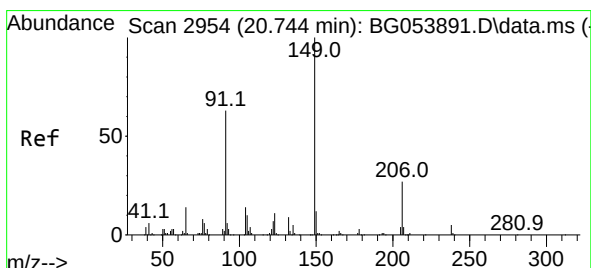
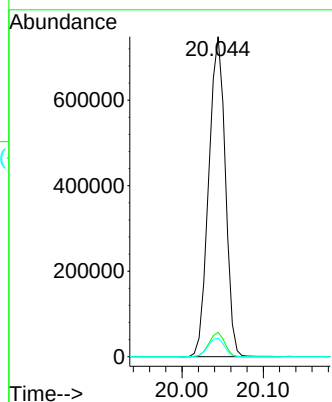
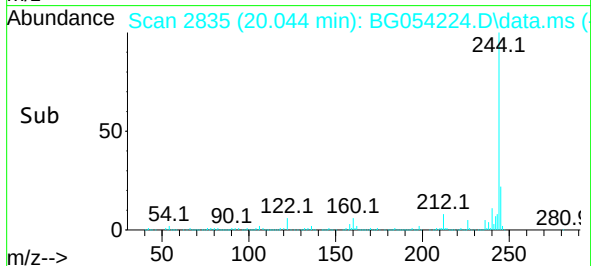


Tgt Ion:244 Resp: 1059544
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 5.7 5.0 7.4

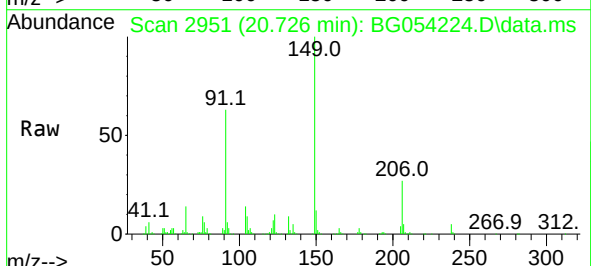
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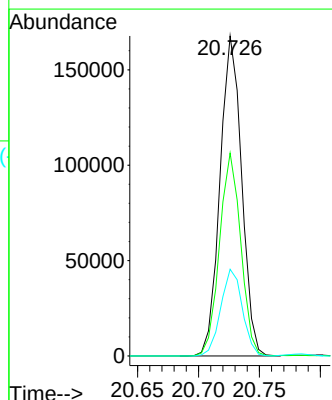
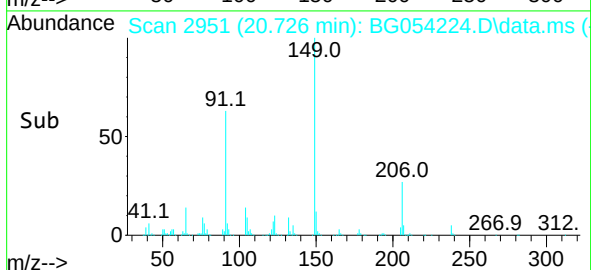
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

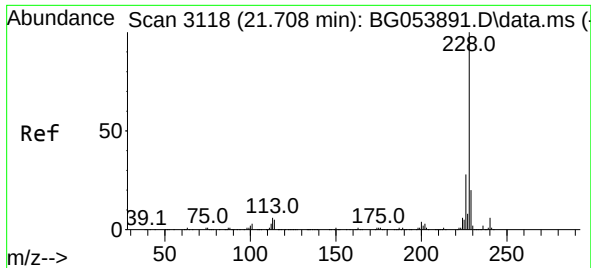


#80
 Butylbenzylphthalate
 Concen: 45.573 ng
 RT: 20.726 min Scan# 2951
 Delta R.T. -0.006 min
 Lab File: BG054224.D
 Acq: 7 Jul 2022 14:02



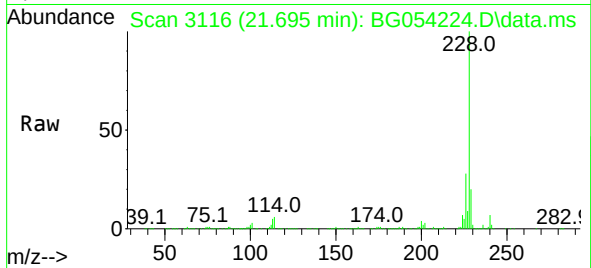
Tgt Ion:149 Resp: 207131
 Ion Ratio Lower Upper
 149 100
 91 63.4 59.6 89.4
 206 27.1 18.6 28.0





#81
Benzo(a)anthracene
Concen: 41.624 ng
RT: 21.695 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

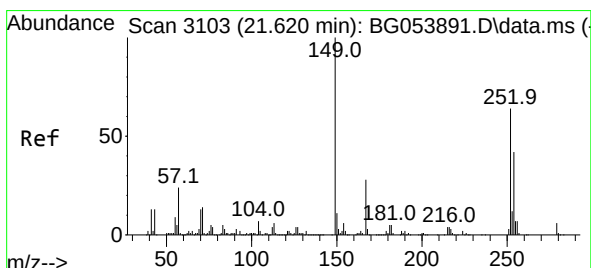
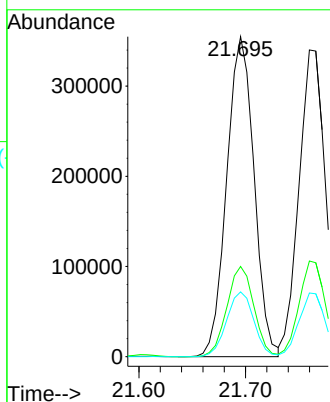
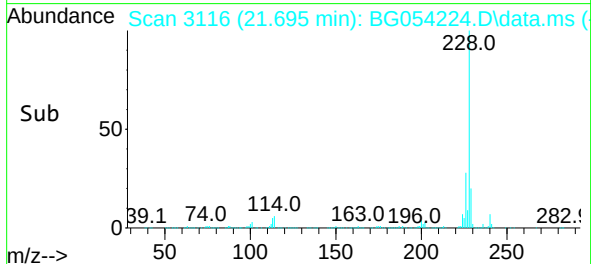
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



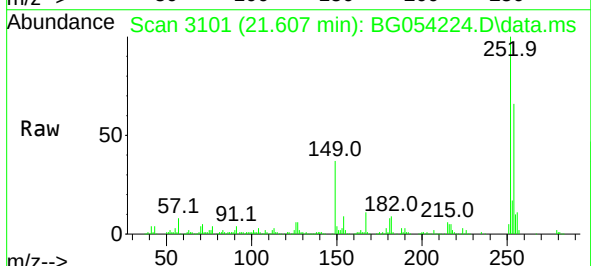
Tgt Ion:228 Resp: 632734
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 20.3 16.2 24.2

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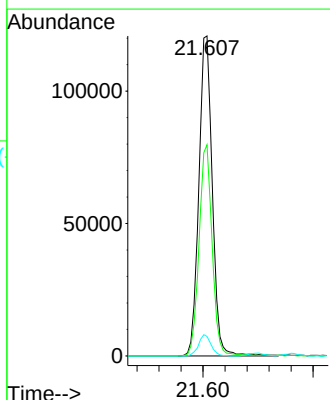
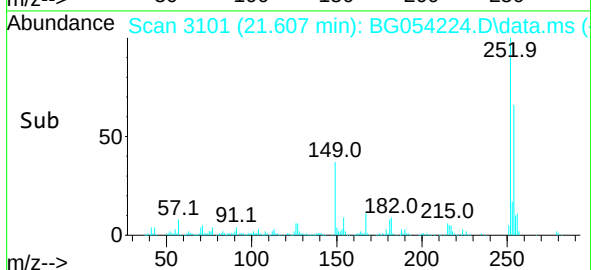
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

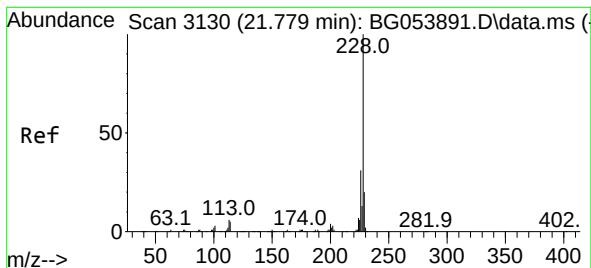


#82
3,3'-Dichlorobenzidine
Concen: 45.220 ng
RT: 21.607 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



Tgt Ion:252 Resp: 205377
Ion Ratio Lower Upper
252 100
254 66.0 49.8 74.8
126 6.1 6.0 9.0





#83

Chrysene

Concen: 40.377 ng

RT: 21.760 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG054224.D

Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD

Tgt Ion:228 Resp: 58506

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

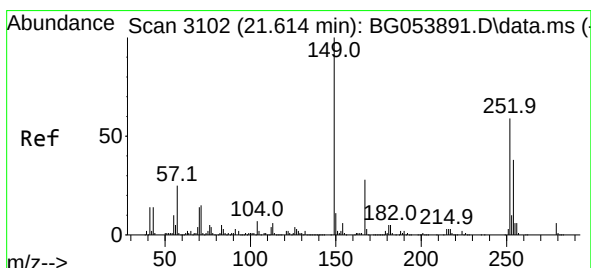
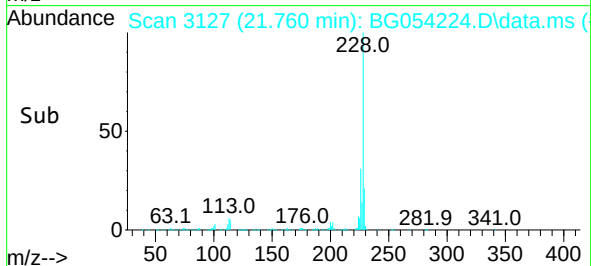
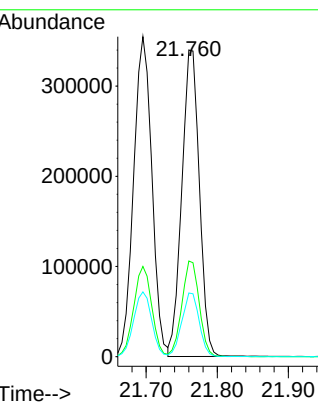
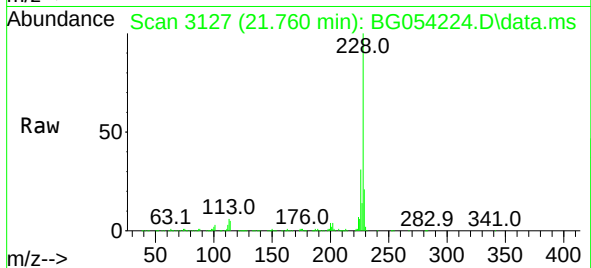
229 20.8 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.104 ng

RT: 21.590 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BG054224.D

Acq: 7 Jul 2022 14:02

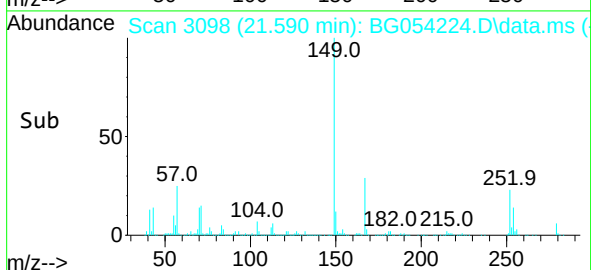
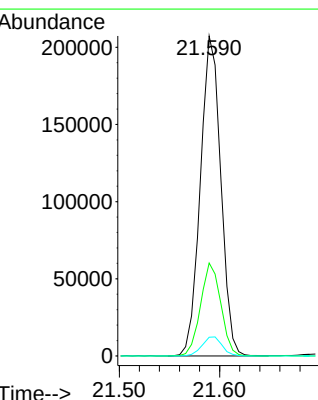
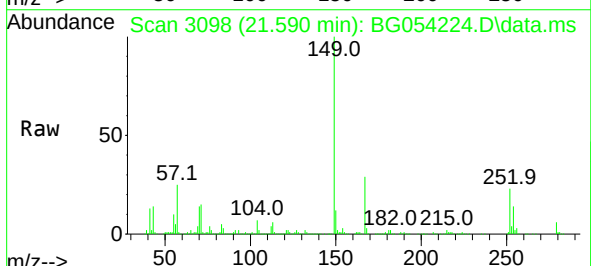
Tgt Ion:149 Resp: 293193

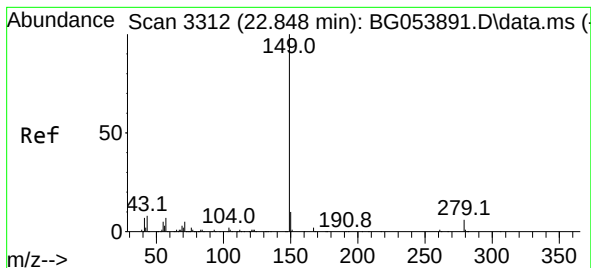
Ion Ratio Lower Upper

149 100

167 29.0 20.2 30.4

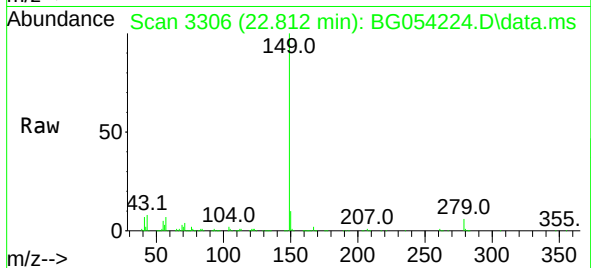
279 5.8 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 44.472 ng
RT: 22.812 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

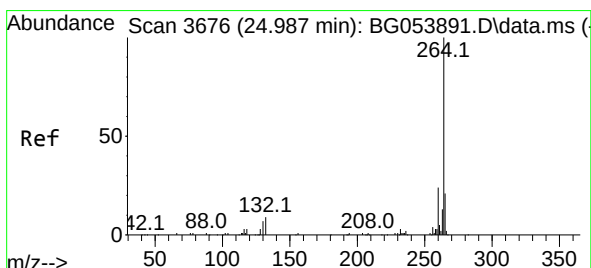
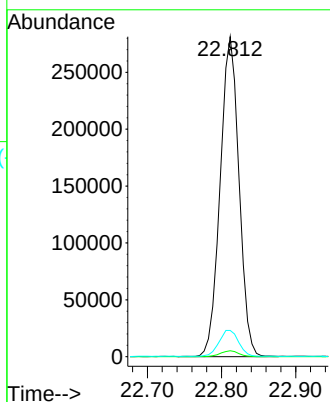
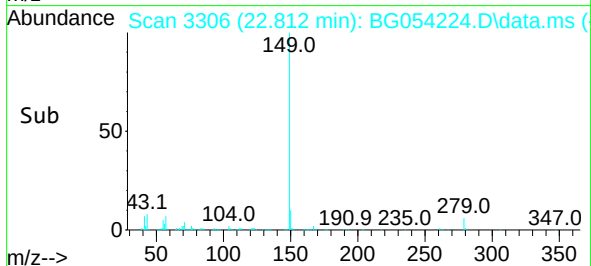
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



Tgt Ion:149 Resp: 496860
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.4 9.0 13.4

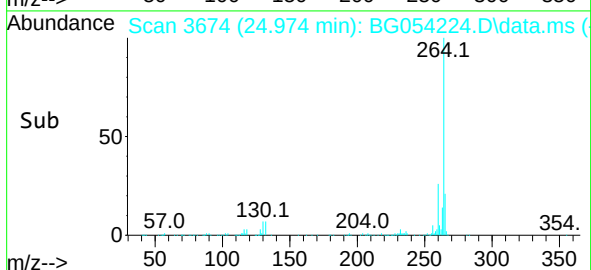
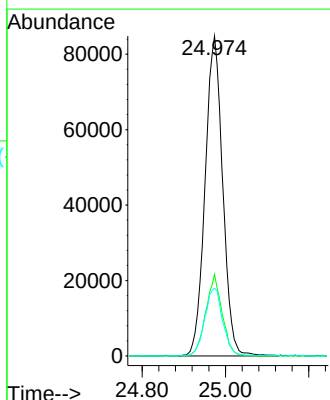
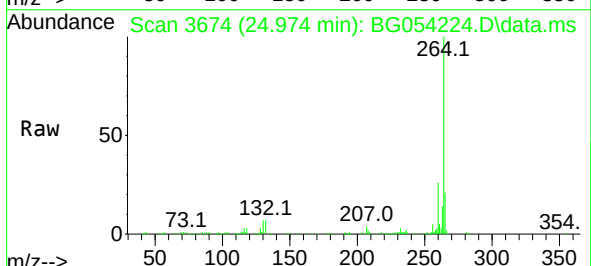
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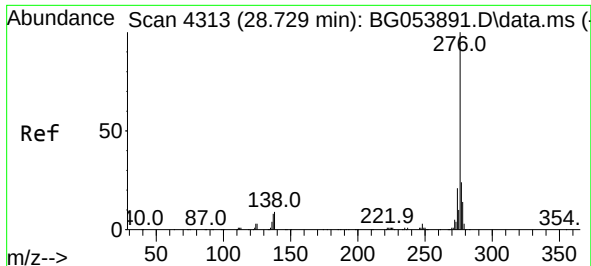
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.974 min Scan# 3674
Delta R.T. 0.011 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

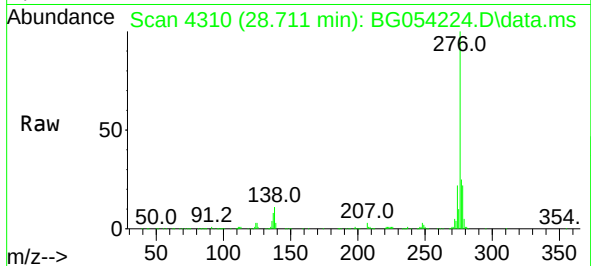
Tgt Ion:264 Resp: 249089
Ion Ratio Lower Upper
264 100
260 25.6 19.0 28.6
265 21.2 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.498 ng
 RT: 28.711 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BG054224.D
 Acq: 7 Jul 2022 14:02

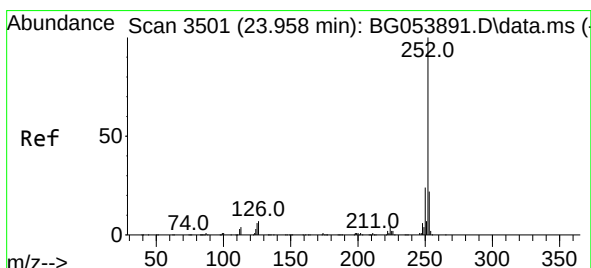
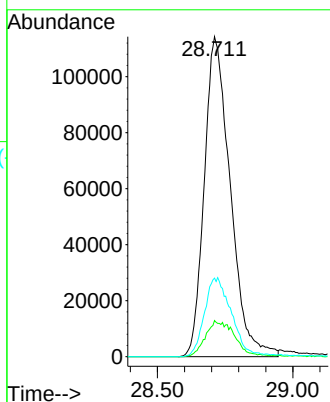
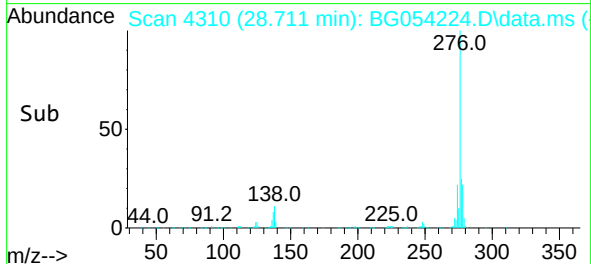
Instrument :
 BNA_G
 ClientSampleId :
 PB146067BSD



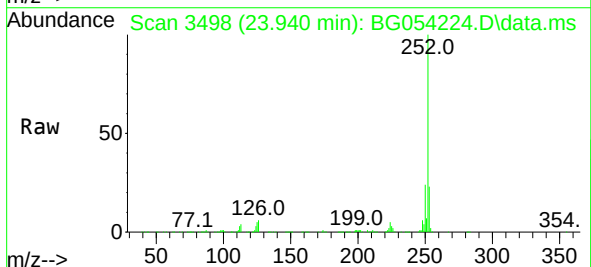
Tgt Ion:276 Resp: 76125
 Ion Ratio Lower Upper
 276 100
 138 12.6 5.0 7.4
 277 25.5 20.3 30.5

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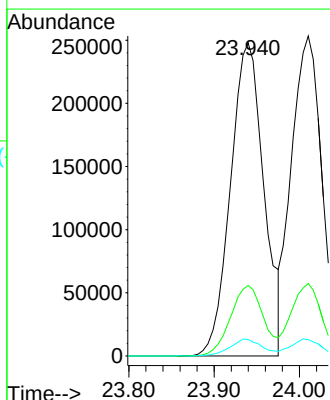
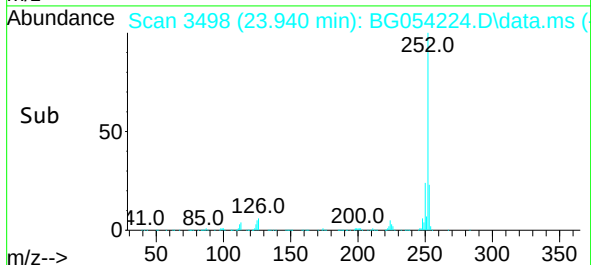
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

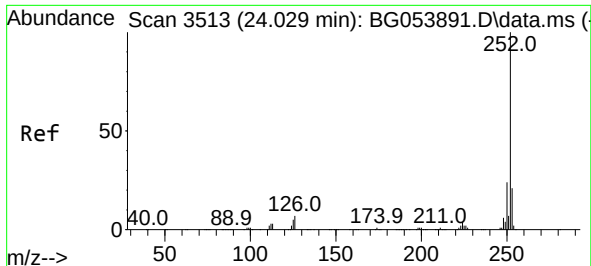


#88
 Benzo(b)fluoranthene
 Concen: 44.474 ng
 RT: 23.940 min Scan# 3498
 Delta R.T. 0.006 min
 Lab File: BG054224.D
 Acq: 7 Jul 2022 14:02



Tgt Ion:252 Resp: 673566
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 5.3 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 41.889 ng

RT: 24.010 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG054224.D

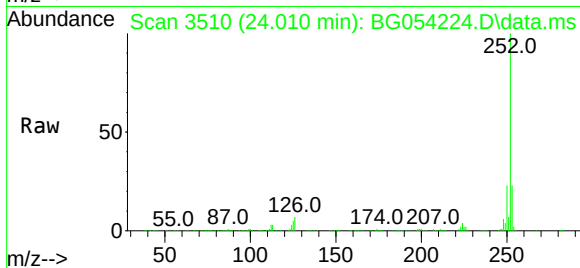
Acq: 7 Jul 2022 14:02

Instrument :

BNA_G

ClientSampleId :

PB146067BSD



Tgt Ion:252 Resp: 628128

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

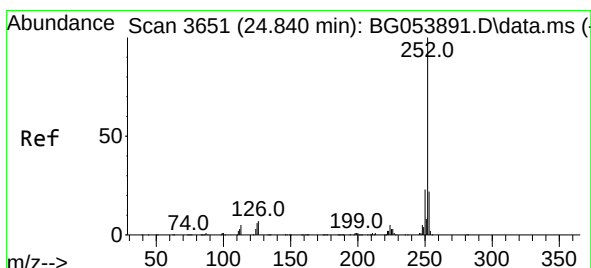
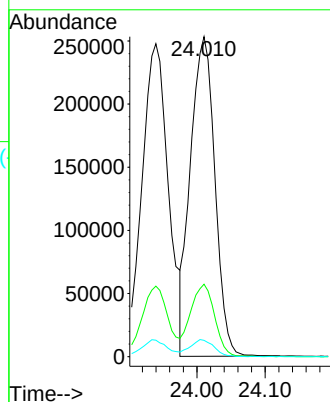
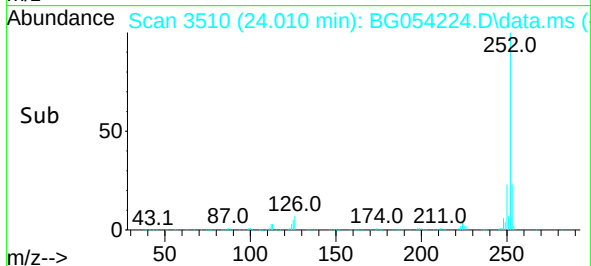
125 5.1 4.8 7.2

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Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#90

Benzo(a)pyrene

Concen: 45.926 ng

RT: 24.821 min Scan# 3648

Delta R.T. 0.006 min

Lab File: BG054224.D

Acq: 7 Jul 2022 14:02

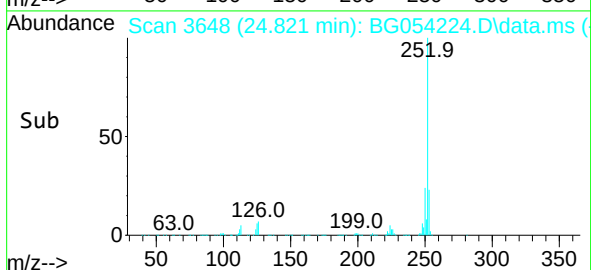
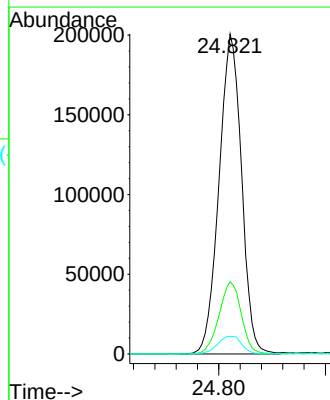
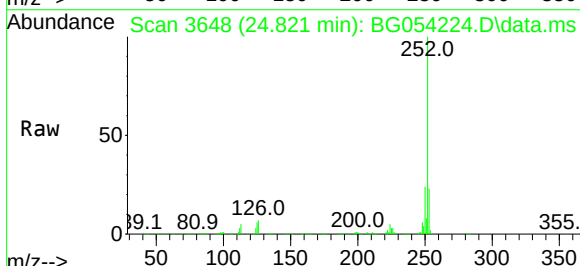
Tgt Ion:252 Resp: 586862

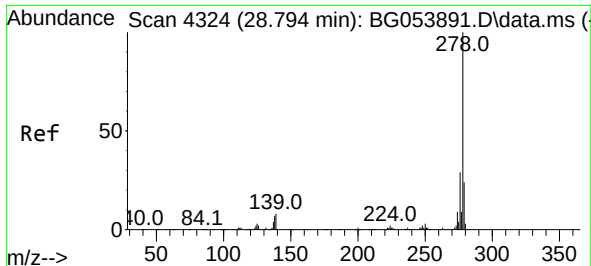
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

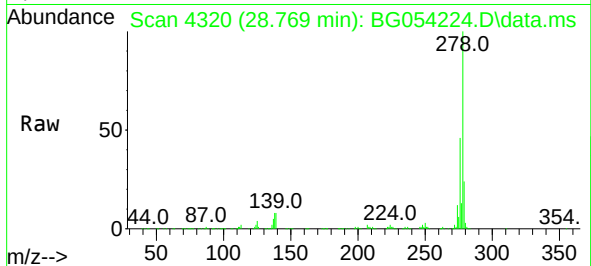
125 5.5 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 43.069 ng
RT: 28.769 min Scan# 41
Delta R.T. 0.023 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02

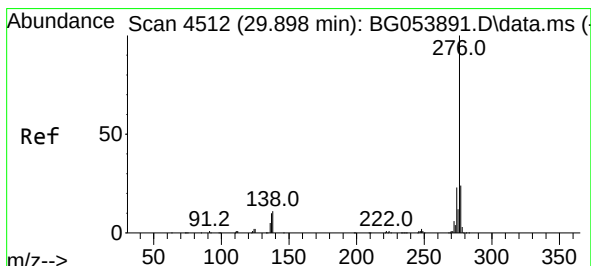
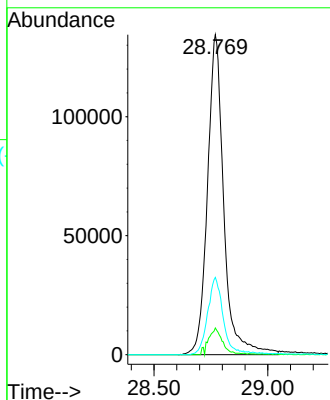
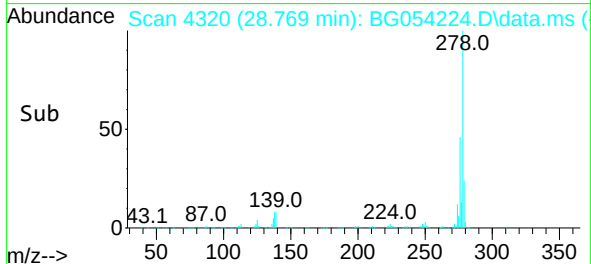
Instrument :
BNA_G
ClientSampleId :
PB146067BSD



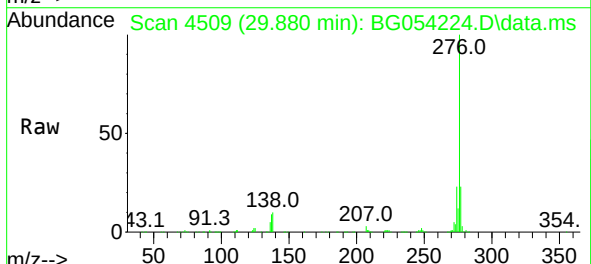
Tgt Ion:278 Resp: 669470
Ion Ratio Lower Upper
278 100
139 8.4 7.2 10.8
279 24.1 18.6 27.8

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



#92
Benzo(g,h,i)perylene
Concen: 42.540 ng
RT: 29.880 min Scan# 4509
Delta R.T. 0.017 min
Lab File: BG054224.D
Acq: 7 Jul 2022 14:02



Tgt Ion:276 Resp: 652558
Ion Ratio Lower Upper
276 100
277 23.0 17.3 25.9
138 10.3 9.6 14.4

