

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054223.D
 Acq On : 7 Jul 2022 13:21
 Operator : CG/JU
 Sample : PB146067BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB146067BS

Manual Integrations

APPROVED

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

Quant Time: Jul 07 14:17:02 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	8.062	152	22501	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	96023	20.000	ng	0.00
39) Acenaphthene-d10	14.696	164	80652	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	220915	20.000	ng	# 0.00
76) Chrysene-d12	21.717	240	233726	20.000	ng	0.00
86) Perylene-d12	24.972	264	244217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	162211	137.831	ng	0.00
7) Phenol-d6	7.234	99	224944	140.895	ng	0.00
23) Nitrobenzene-d5	9.226	82	145131	84.936	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	193787	149.548	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	439419	79.226	ng	0.00
79) Terphenyl-d14	20.048	244	1049906	90.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.509	88	12747	24.777	ng	# 84
3) Pyridine	3.908	79	37038	26.979	ng	95
4) n-Nitrosodimethylamine	3.820	42	24759	41.000	ng	# 92
6) Aniline	7.386	93	82551	43.612	ng	96
8) 2-Chlorophenol	7.627	128	60116	47.840	ng	94
9) Benzaldehyde	7.198	77	33992	36.075	ng	82
10) Phenol	7.257	94	76071	47.015	ng	98
11) bis(2-Chloroethyl)ether	7.475	93	51331	41.333	ng	97
12) 1,3-Dichlorobenzene	7.956	146	60949	38.708	ng	95
13) 1,4-Dichlorobenzene	8.097	146	62523	39.529	ng	98
14) 1,2-Dichlorobenzene	8.421	146	62515	41.172	ng	94
15) Benzyl Alcohol	8.303	79	58581m	49.094	ng	
16) 2,2'-oxybis(1-Chloropr...	8.591	45	75657	40.752	ng	96
17) 2-Methylphenol	8.509	107	54730	48.693	ng	92
18) Hexachloroethane	9.149	117	21591	41.148	ng	# 75
19) n-Nitroso-di-n-propyla...	8.867	70	47058	43.873	ng	97
20) 3+4-Methylphenols	8.838	107	75797	48.086	ng	94
22) Acetophenone	8.885	105	93875	40.220	ng	# 97
24) Nitrobenzene	9.267	77	68997	41.005	ng	# 87
25) Isophorone	9.790	82	136372	42.733	ng	# 94
26) 2-Nitrophenol	9.983	139	36406	48.986	ng	87
27) 2,4-Dimethylphenol	10.042	122	62747	52.162	ng	93
28) bis(2-Chloroethoxy)met...	10.271	93	77093	44.843	ng	99
29) 2,4-Dichlorophenol	10.524	162	77307	47.933	ng	90
30) 1,2,4-Trichlorobenzene	10.736	180	77960	39.038	ng	95
31) Naphthalene	10.924	128	190396	39.277	ng	98
32) Benzoic acid	10.207	122	25410	48.372	ng	# 82
33) 4-Chloroaniline	11.029	127	75042	37.315	ng	95
34) Hexachlorobutadiene	11.211	225	60500	39.404	ng	95
35) Caprolactam	11.805	113	25117m	56.570	ng	
36) 4-Chloro-3-methylphenol	12.157	107	81119	51.739	ng	89
37) 2-Methylnaphthalene	12.528	142	150194	41.878	ng	97
38) 1-Methylnaphthalene	12.745	142	143093	40.975	ng	98
40) 1,2,4,5-Tetrachloroben...	12.898	216	122561	39.438	ng	# 95
41) Hexachlorocyclopentadiene	12.874	237	92857	64.168	ng	98
43) 2,4,6-Trichlorophenol	13.133	196	77758	44.543	ng	96

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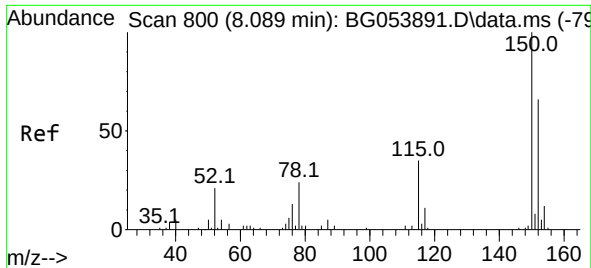
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

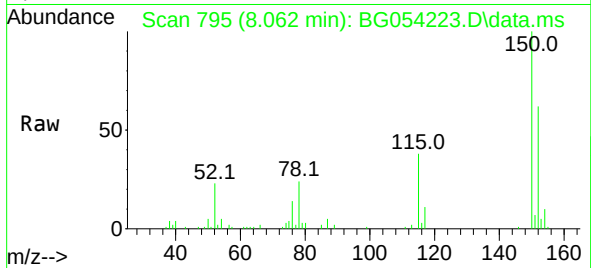
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.209	196	86487	44.371	ng	# 90
46) 1,1'-Biphenyl	13.526	154	222902	39.677	ng	98
47) 2-Chloronaphthalene	13.573	162	181251	39.866	ng	97
48) 2-Nitroaniline	13.773	65	58079	48.022	ng	93
49) Acenaphthylene	14.419	152	287999	40.737	ng	99
50) Dimethylphthalate	14.143	163	264776	43.107	ng	99
51) 2,6-Dinitrotoluene	14.261	165	60288	48.580	ng	# 75
52) Acenaphthene	14.760	154	209460m	46.480	ng	
53) 3-Nitroaniline	14.596	138	46616	38.772	ng	85
54) 2,4-Dinitrophenol	14.807	184	63928	92.180	ng	# 79
55) Dibenzofuran	15.089	168	306965	42.277	ng	94
56) 4-Nitrophenol	14.913	139	80116	93.857	ng	87
57) 2,4-Dinitrotoluene	15.054	165	88739	50.631	ng	# 83
58) Fluorene	15.741	166	252519	42.359	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.324	232	84805	44.490	ng	# 89
60) Diethylphthalate	15.501	149	263228	44.252	ng	97
61) 4-Chlorophenyl-phenyle...	15.730	204	159743	44.759	ng	# 88
62) 4-Nitroaniline	15.759	138	56294	44.897	ng	# 73
63) Azobenzene	16.018	77	205633	42.946	ng	93
65) 4,6-Dinitro-2-methylph...	15.824	198	53101	48.179	ng	83
66) n-Nitrosodiphenylamine	15.941	169	237561	41.261	ng	96
67) 4-Bromophenyl-phenylether	16.623	248	118920	43.101	ng	# 92
68) Hexachlorobenzene	16.752	284	132760	42.064	ng	# 92
69) Atrazine	16.887	200	114516	48.014	ng	94
70) Pentachlorophenol	17.099	266	121085	82.591	ng	98
71) Phenanthrene	17.481	178	454101	40.009	ng	97
72) Anthracene	17.575	178	466319	42.073	ng	99
73) Carbazole	17.839	167	400064	42.053	ng	98
74) Di-n-butylphthalate	18.391	149	469979	42.727	ng	# 98
75) Fluoranthene	19.490	202	596734	40.051	ng	97
77) Benzidine	19.660	184	311412	64.338	ng	98
78) Pyrene	19.854	202	594259	42.097	ng	98
80) Butylbenzylphthalate	20.730	149	203489	44.972	ng	86
81) Benzo(a)anthracene	21.699	228	627544	41.468	ng	99
82) 3,3'-Dichlorobenzidine	21.605	252	200743	44.399	ng	94
83) Chrysene	21.764	228	585703	40.603	ng	97
84) Bis(2-ethylhexyl)phtha...	21.593	149	291302	45.014	ng	# 93
85) Di-n-octyl phthalate	22.810	149	498062	44.779	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.714	276	755091	40.971	ng	# 96
88) Benzo(b)fluoranthene	23.944	252	653586	44.015	ng	99
89) Benzo(k)fluoranthene	24.008	252	637581	43.367	ng	98
90) Benzo(a)pyrene	24.825	252	586721	46.831	ng	99
91) Dibenzo(a,h)anthracene	28.767	278	658397	43.202	ng	98
92) Benzo(g,h,i)perylene	29.884	276	645152	42.896	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.062 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

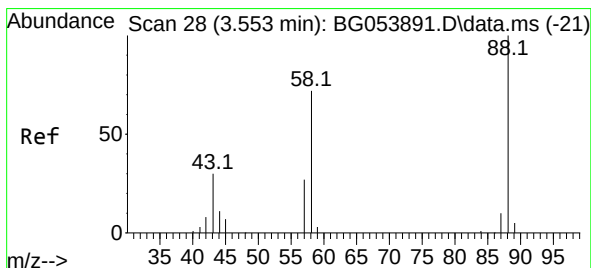
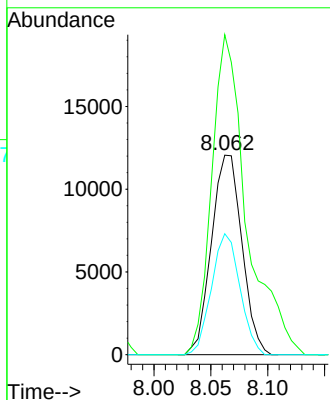
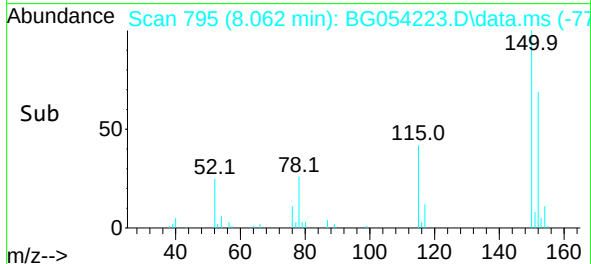
Instrument :
BNA_G
ClientSampleId :
PB146067BS



Tgt Ion:152 Resp: 2250
Ion Ratio Lower Upper
152 100
150 160.4 131.6 197.4
115 60.6 50.9 76.3

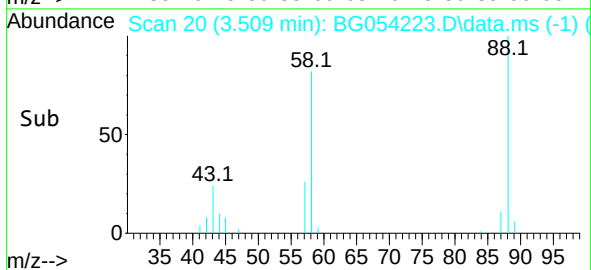
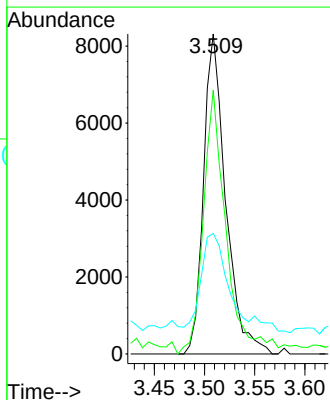
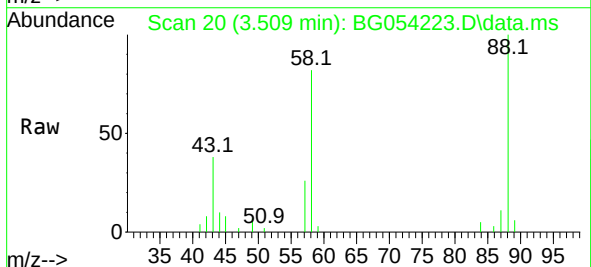
Manual Integrations
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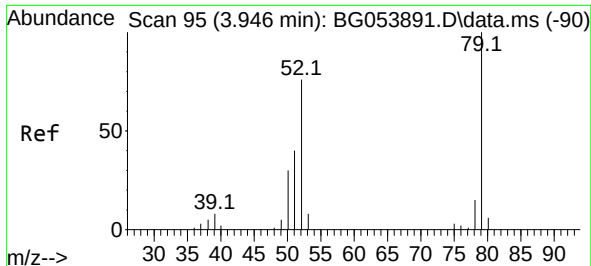
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#2
1,4-Dioxane
Concen: 24.777 ng
RT: 3.509 min Scan# 20
Delta R.T. -0.020 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

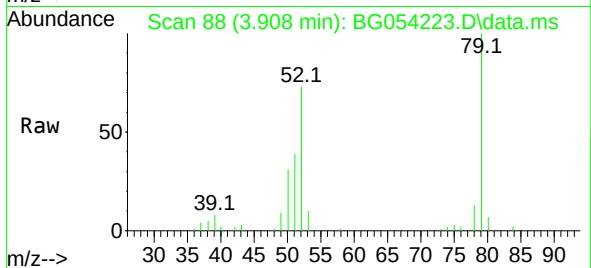
Tgt Ion: 88 Resp: 12747
Ion Ratio Lower Upper
88 100
58 86.0 59.2 88.8
43 40.7 24.3 36.5





#3
Pyridine
Concen: 26.979 ng
RT: 3.908 min Scan# 81
Delta R.T. -0.020 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

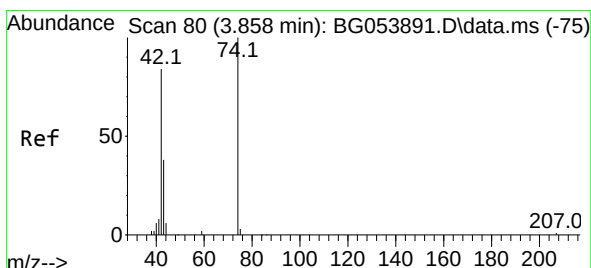
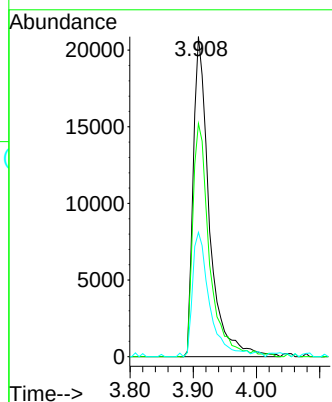
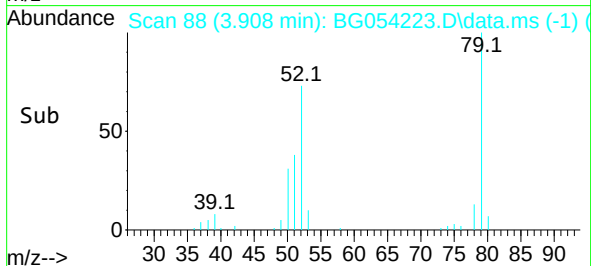
Instrument :
BNA_G
ClientSampleId :
PB146067BS



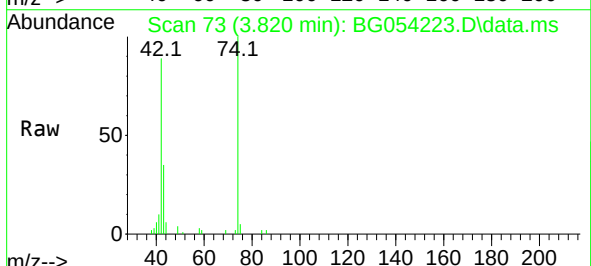
Tgt Ion: 79 Resp: 37038
Ion Ratio Lower Upper
79 100
52 72.9 54.6 81.8
51 38.9 32.5 48.7

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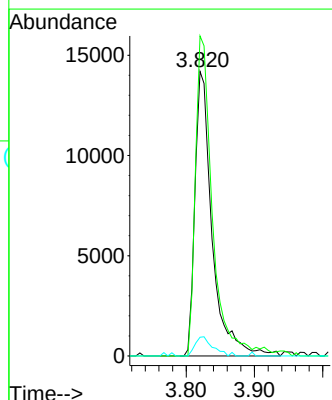
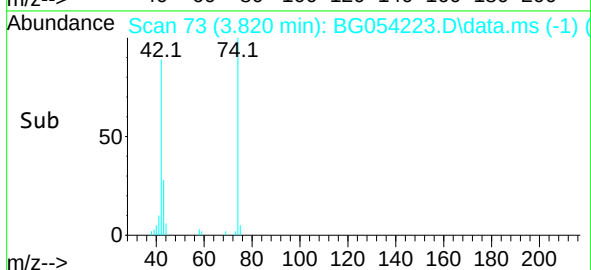
Reviewed By :Christian Giraldo 07/08/2022
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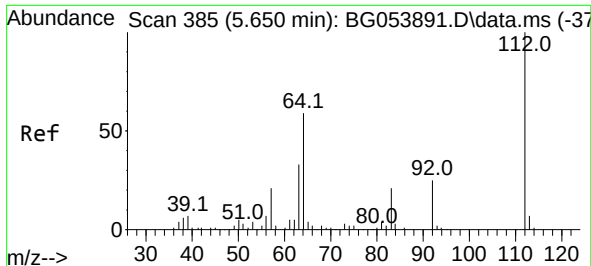


#4
n-Nitrosodimethylamine
Concen: 41.000 ng
RT: 3.820 min Scan# 73
Delta R.T. -0.020 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion: 42 Resp: 24759
Ion Ratio Lower Upper
42 100
74 112.5 97.0 145.4
44 6.6 7.0 10.4





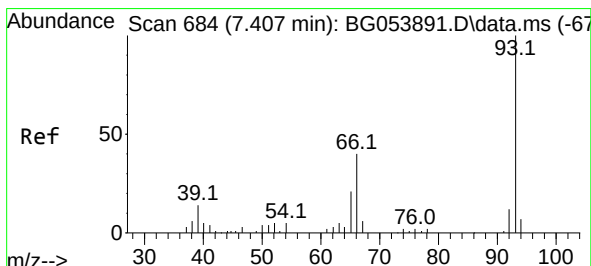
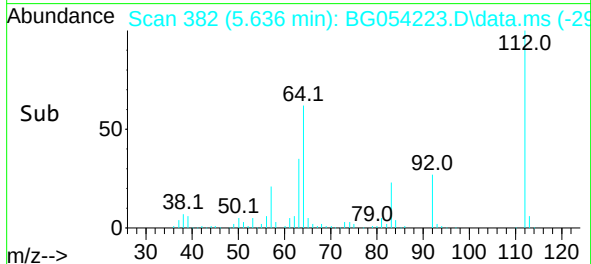
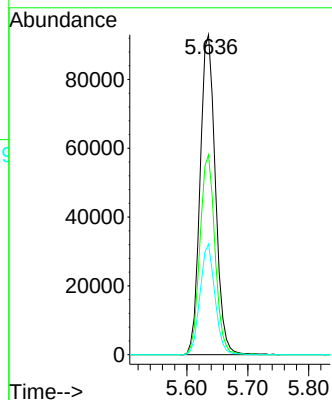
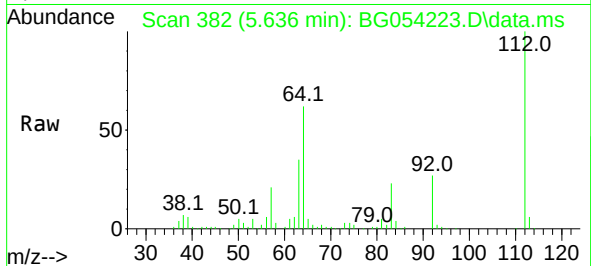
#5
2-Fluorophenol
Concen: 137.831 ng
RT: 5.636 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :
BNA_G
ClientSampleId :
PB146067BS

Tgt Ion:112 Resp: 16221
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 34.6 30.4 45.6

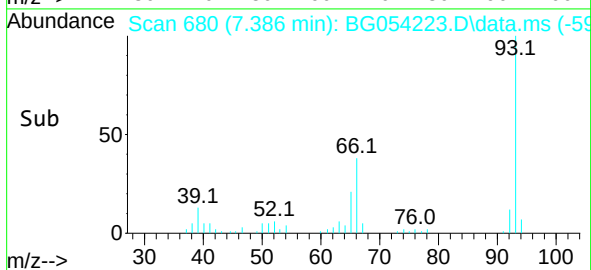
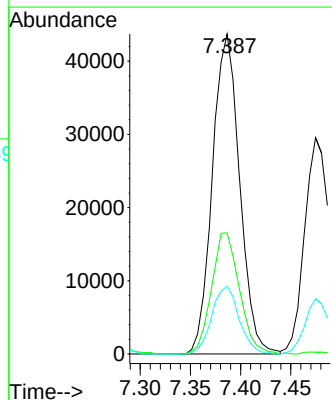
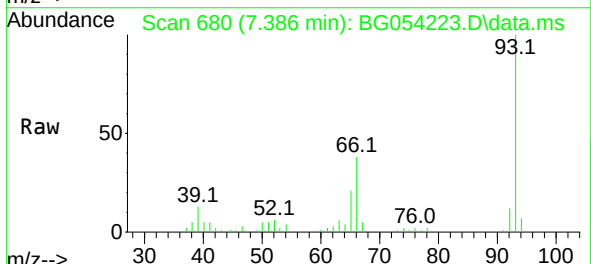
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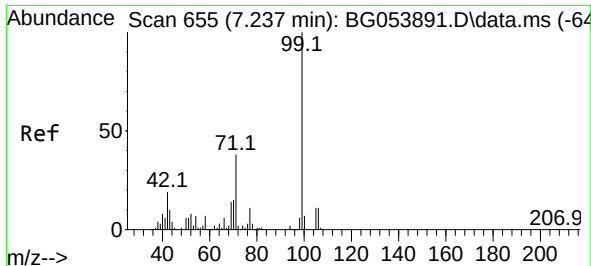
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#6
Aniline
Concen: 43.612 ng
RT: 7.386 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

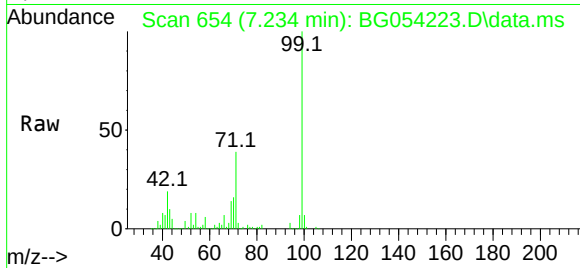
Tgt Ion: 93 Resp: 82551
Ion Ratio Lower Upper
93 100
66 37.9 32.9 49.3
65 21.2 17.8 26.8





#7
Phenol-d6
Concen: 140.895 ng
RT: 7.234 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

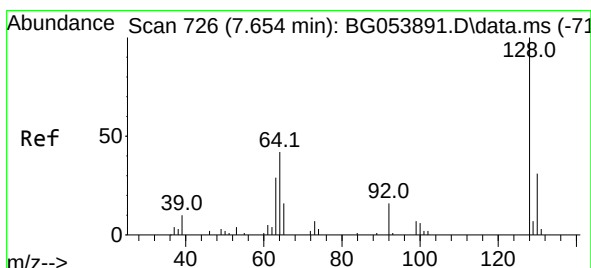
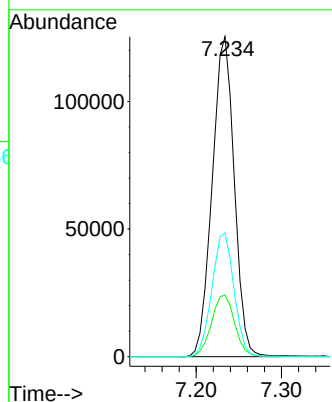
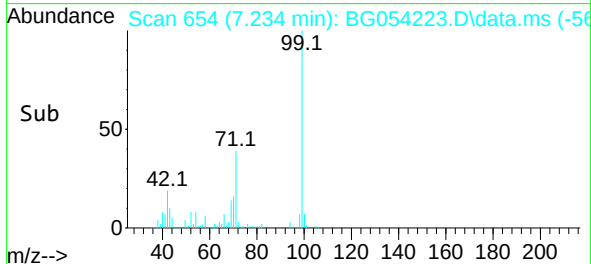
Instrument :
BNA_G
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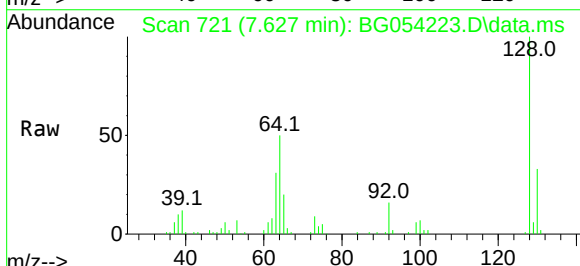
Tgt Ion: 99 Resp: 224944
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 38.7 33.8 50.8

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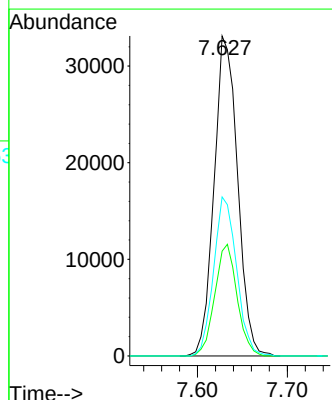
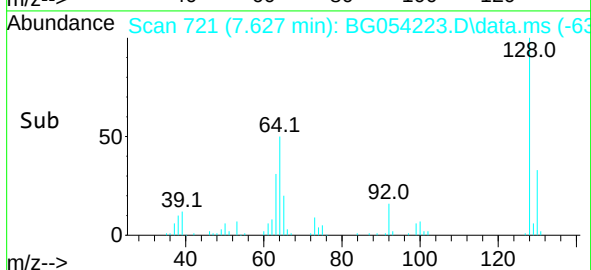
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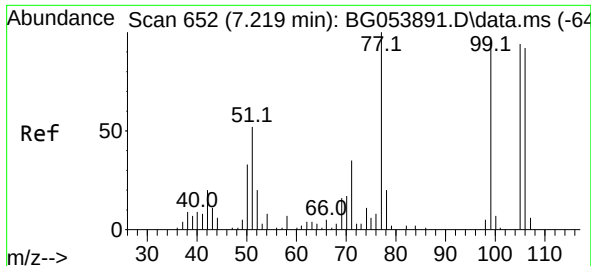


#8
2-Chlorophenol
Concen: 47.840 ng
RT: 7.627 min Scan# 721
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:128 Resp: 60116
Ion Ratio Lower Upper
128 100
130 32.8 10.5 50.5
64 49.7 35.1 75.1





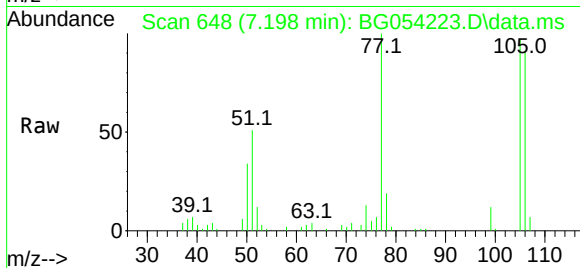
#9
Benzaldehyde
Concen: 36.075 ng
RT: 7.198 min Scan# 648
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

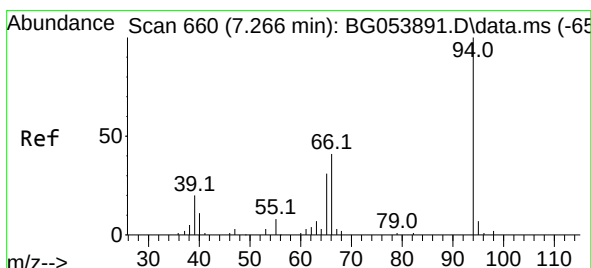
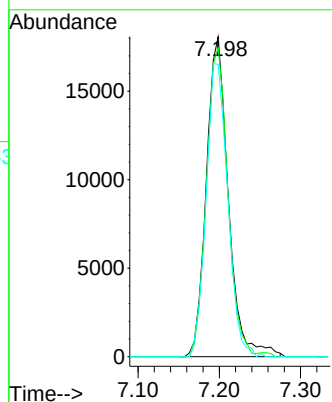
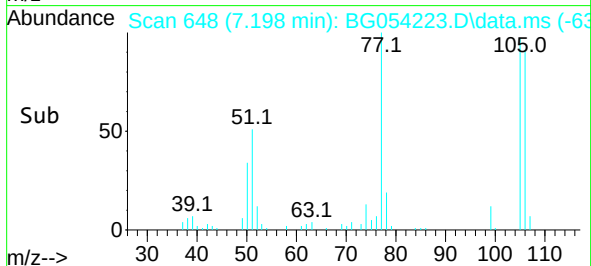


Tgt Ion: 77 Resp: 33992
Ion Ratio Lower Upper
77 100
105 96.5 59.6 99.6
106 91.4 56.8 96.8

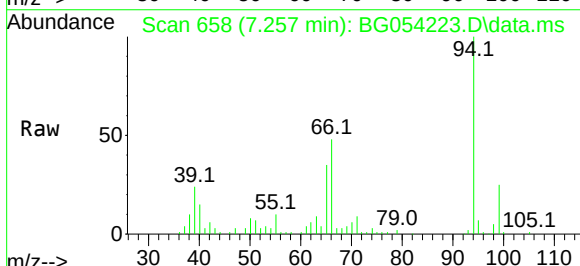
Manual Integrations

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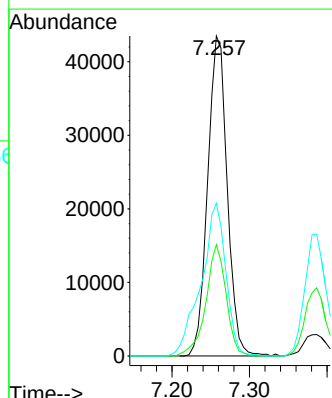
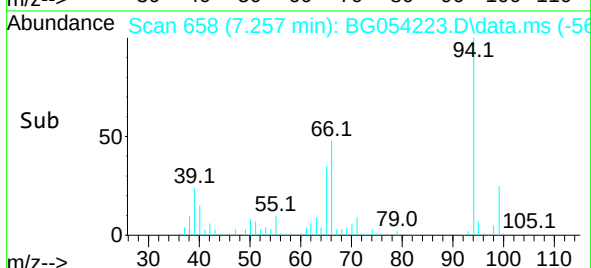
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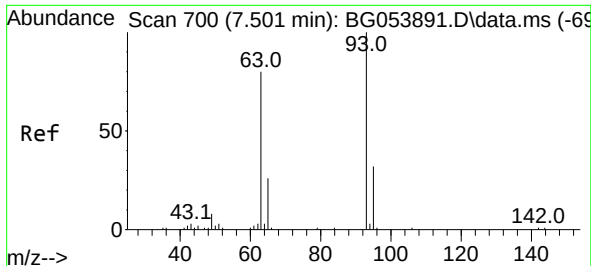


#10
Phenol
Concen: 47.015 ng
RT: 7.257 min Scan# 658
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion: 94 Resp: 76071
Ion Ratio Lower Upper
94 100
65 34.8 14.8 54.8
66 47.7 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 41.333 ng
RT: 7.475 min Scan# 695
Delta R.T. -0.014 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

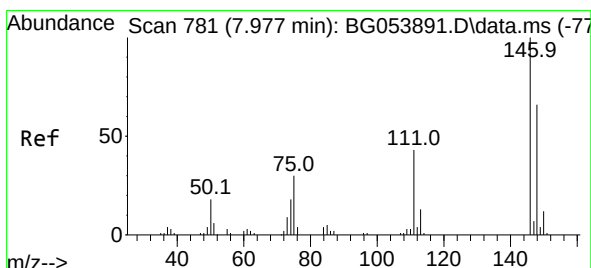
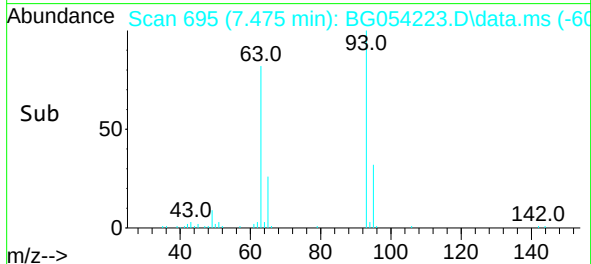
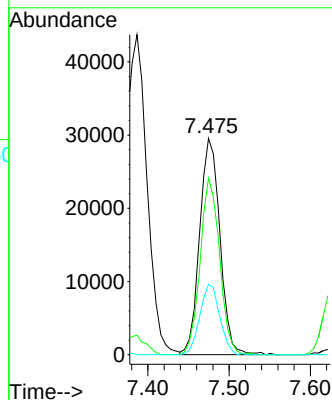
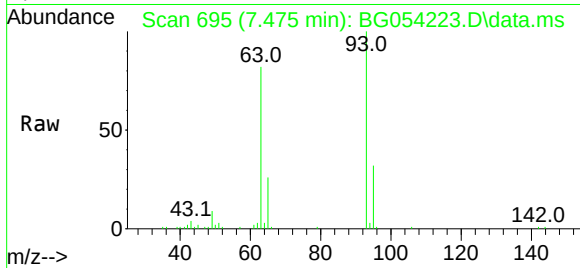
ClientSampleId :

PB146067BS

Tgt Ion: 93 Resp: 5133
Ion Ratio Lower Upper
93 100
63 81.7 63.6 103.6
95 32.5 10.1 50.1

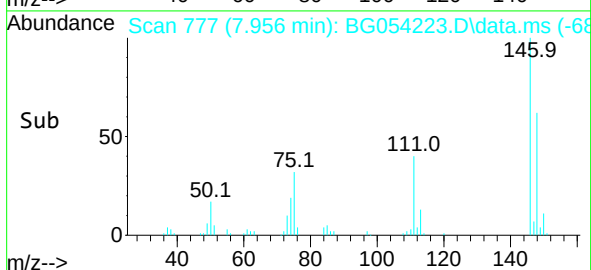
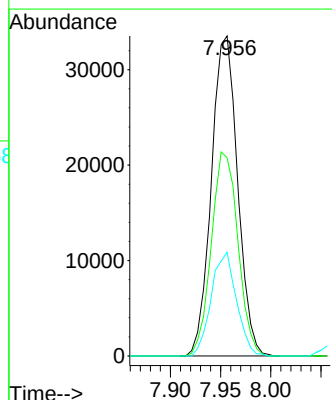
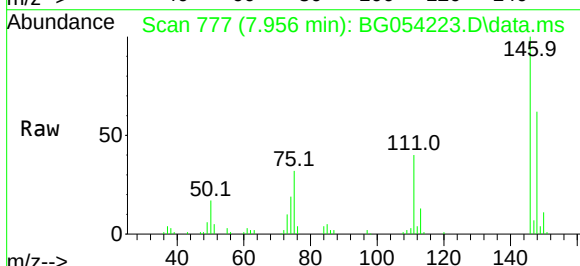
Manual Integrations
APPROVED

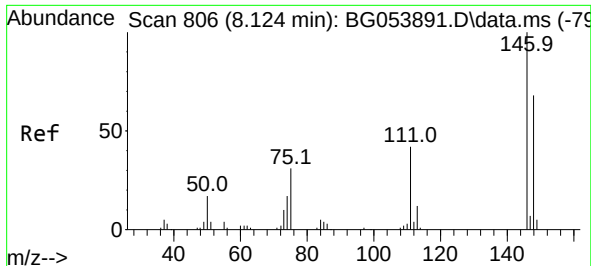
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#12
1,3-Dichlorobenzene
Concen: 38.708 ng
RT: 7.956 min Scan# 777
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

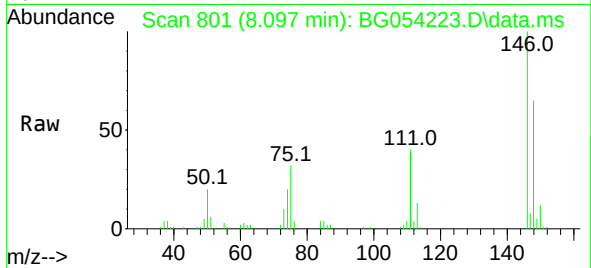
Tgt Ion:146 Resp: 60949
Ion Ratio Lower Upper
146 100
148 62.0 46.1 69.1
75 32.4 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 39.529 ng
RT: 8.097 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

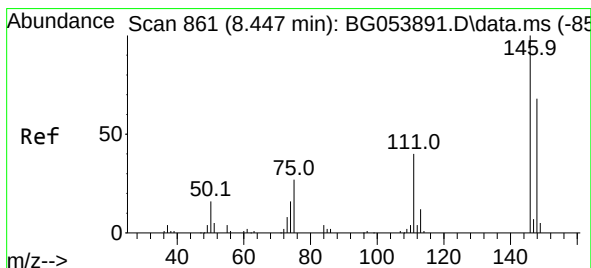
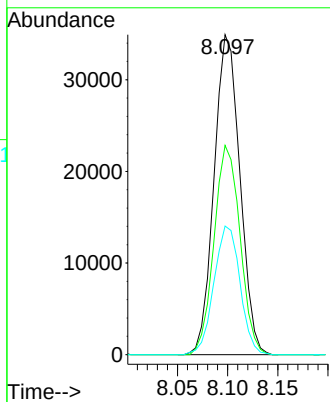
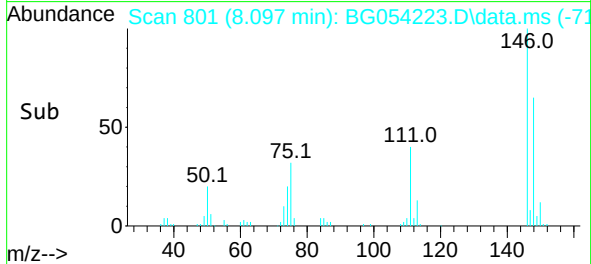
Instrument :
BNA_G
ClientSampleId :
PB146067BS



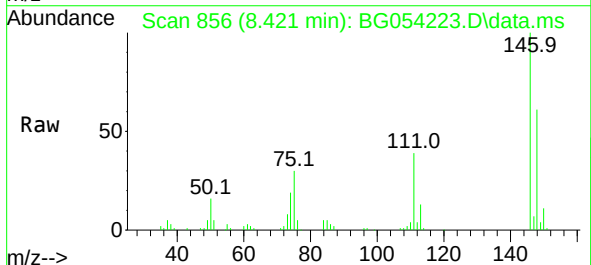
Tgt Ion:146 Resp: 6252
Ion Ratio Lower Upper
146 100
148 65.4 51.5 77.3
111 40.2 33.9 50.9

Manual Integrations
APPROVED

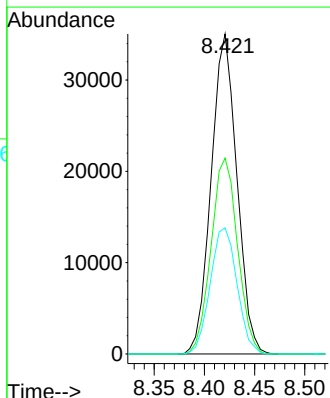
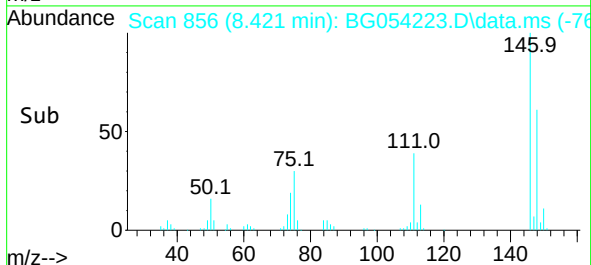
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

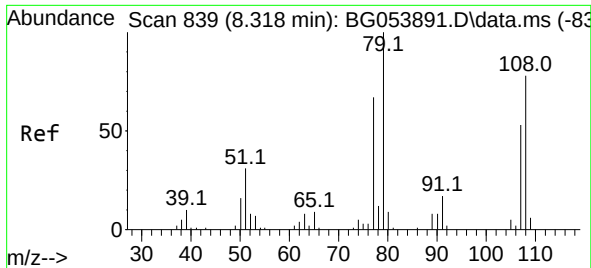


#14
1,2-Dichlorobenzene
Concen: 41.172 ng
RT: 8.421 min Scan# 856
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:146 Resp: 62515
Ion Ratio Lower Upper
146 100
148 61.2 52.6 78.8
111 39.4 34.5 51.7





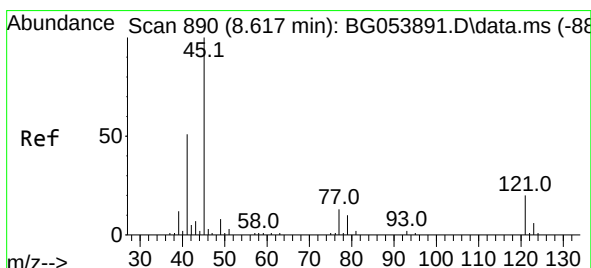
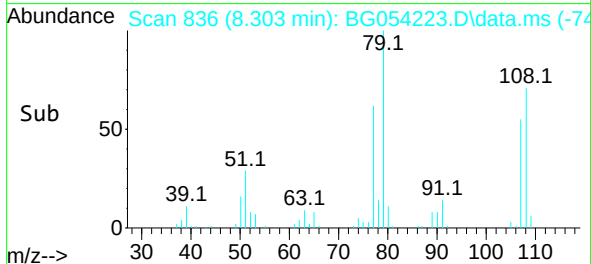
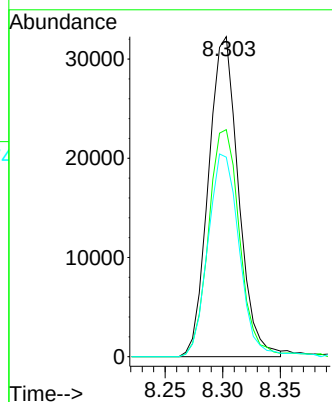
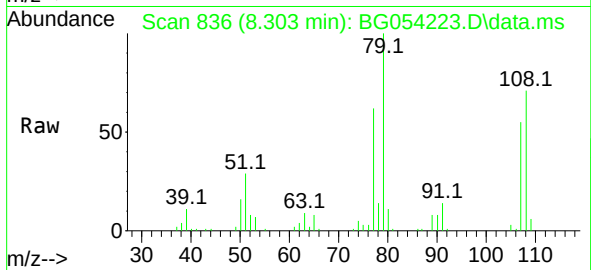
#15
Benzyl Alcohol
Concen: 49.094 ng m
RT: 8.303 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :
BNA_G
ClientSampleId :
PB146067BS

Tgt Ion: 79 Resp: 5858
Ion Ratio Lower Upper
79 100
108 70.9 53.7 80.5
77 62.3 52.2 78.4

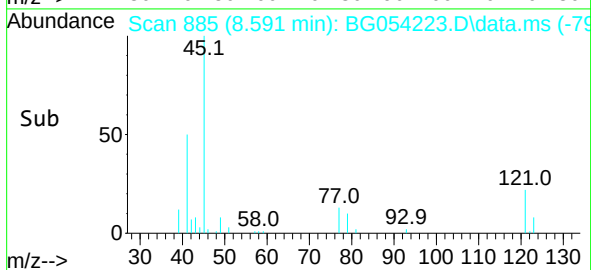
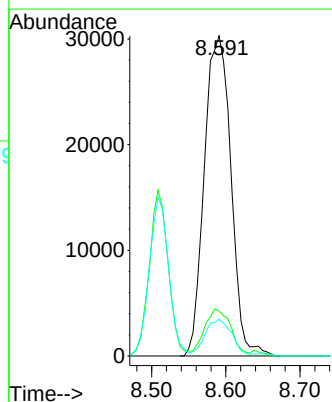
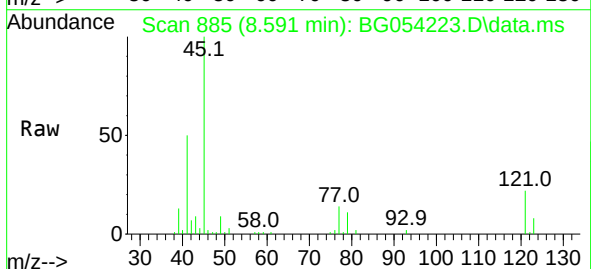
Manual Integrations
APPROVED

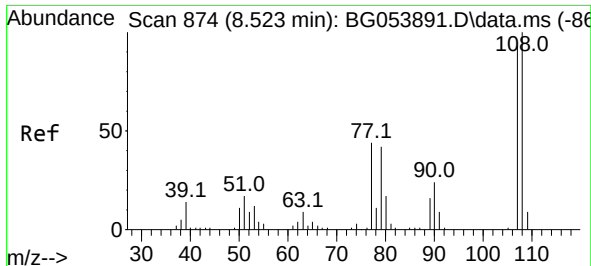
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.752 ng
RT: 8.591 min Scan# 885
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion: 45 Resp: 75657
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.7
79 11.4 0.0 29.7





#17
2-Methylphenol
Concen: 48.693 ng
RT: 8.509 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

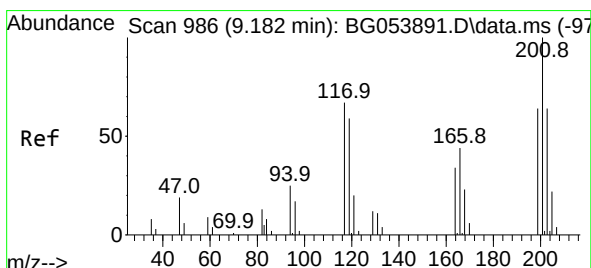
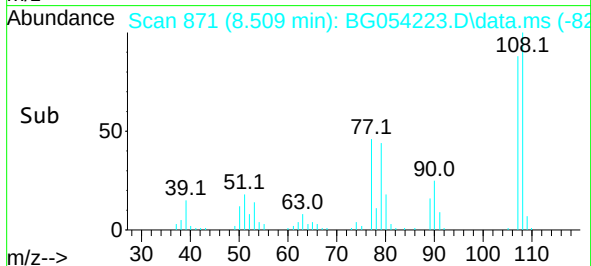
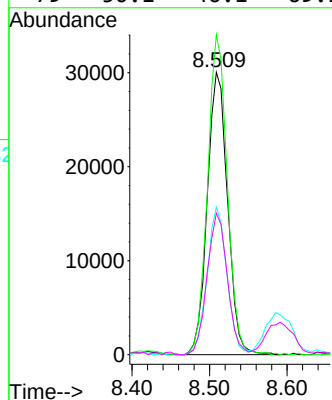
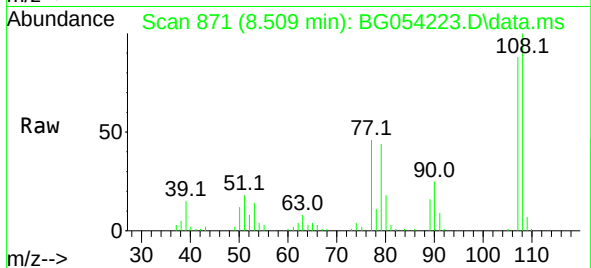
PB146067BS

Tgt Ion:107 Resp: 54730
Ion Ratio Lower Upper
107 100
108 113.3 85.4 128.0
77 52.3 46.2 69.2
79 50.1 46.1 69.1

Manual Integrations

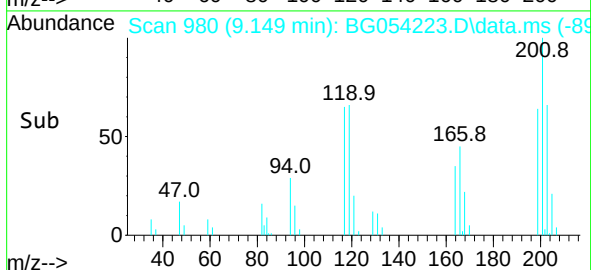
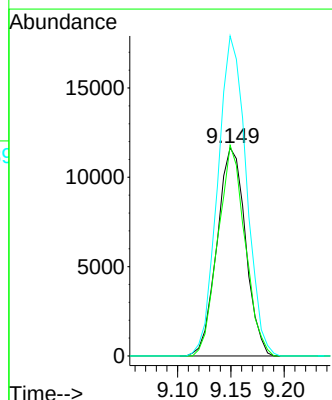
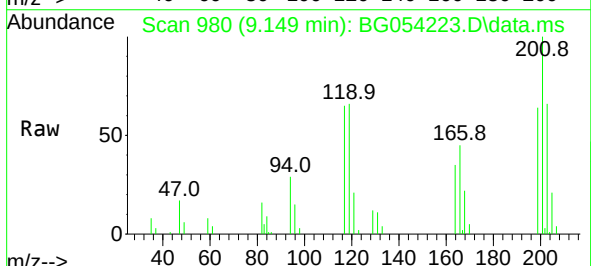
APPROVED

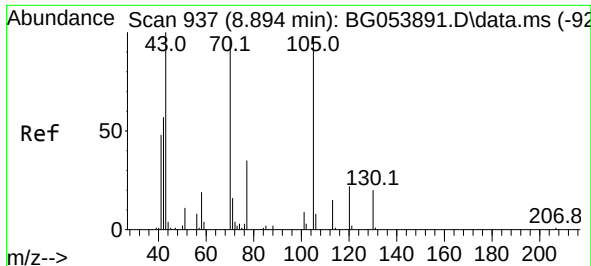
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#18
Hexachloroethane
Concen: 41.148 ng
RT: 9.149 min Scan# 980
Delta R.T. -0.014 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:117 Resp: 21591
Ion Ratio Lower Upper
117 100
119 101.3 75.0 112.6
201 153.7 89.0 133.6#





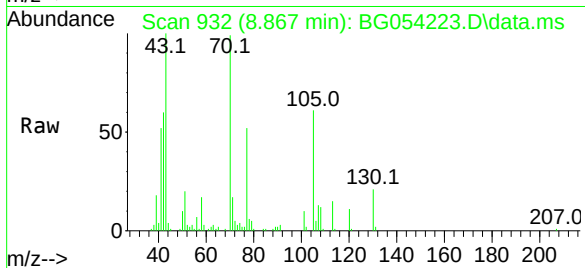
#19
n-Nitroso-di-n-propylamine
Concen: 43.873 ng
RT: 8.867 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

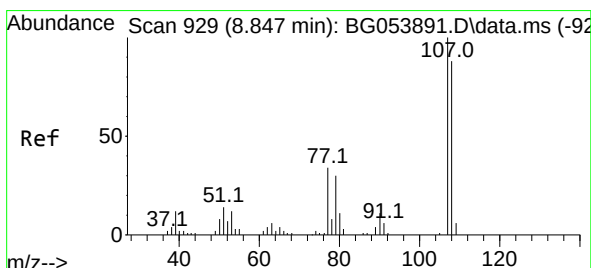
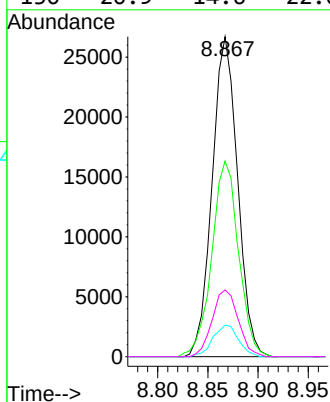
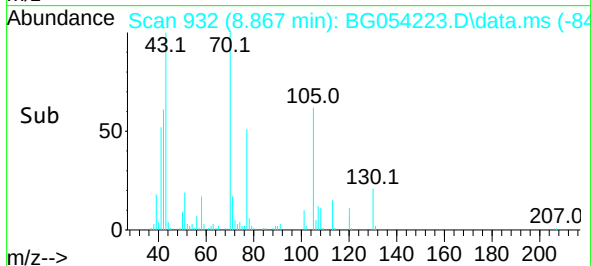


Tgt Ion: 70 Resp: 47058
Ion Ratio Lower Upper
70 100
42 61.2 47.3 70.9
101 9.9 7.0 10.4
130 20.9 14.6 22.0

Manual Integrations

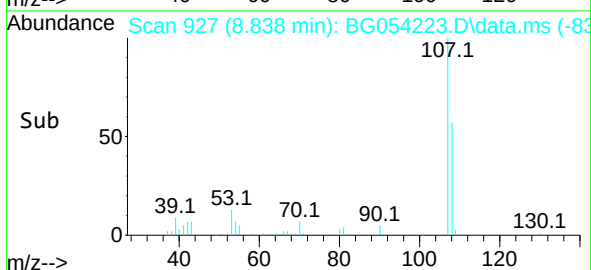
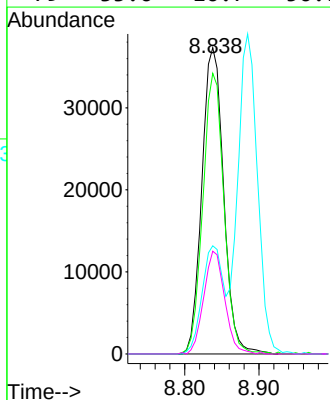
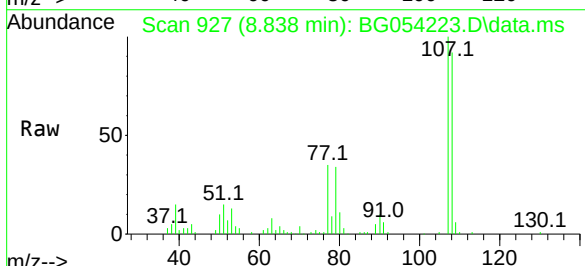
APPROVED

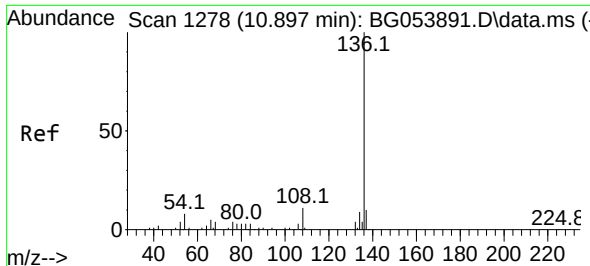
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#20
3+4-Methylphenols
Concen: 48.086 ng
RT: 8.838 min Scan# 927
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:107 Resp: 75797
Ion Ratio Lower Upper
107 100
108 91.6 67.5 107.5
77 35.3 20.3 60.3
79 33.6 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 1087
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

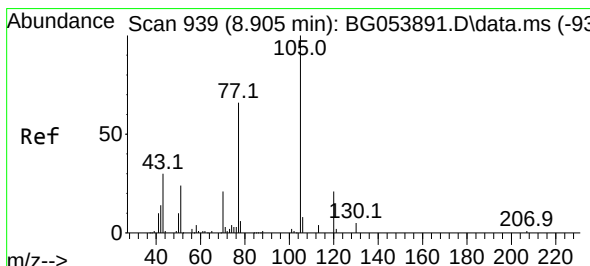
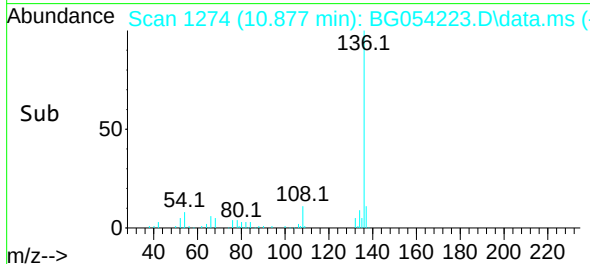
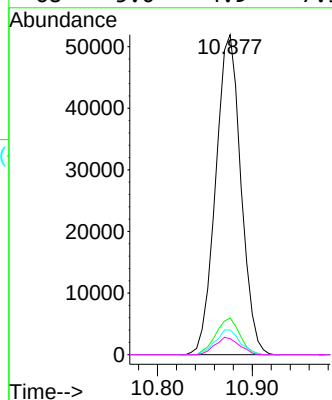
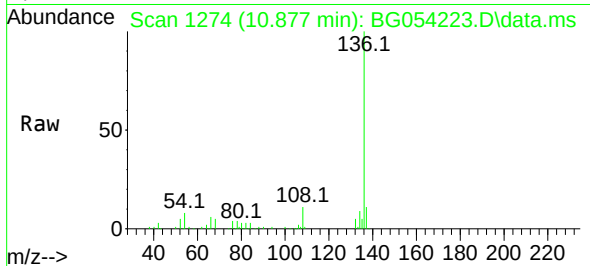
PB146067BS

Tgt Ion:136 Resp: 9602
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 7.8 7.4 11.2
68 5.0 4.9 7.3

Manual Integrations

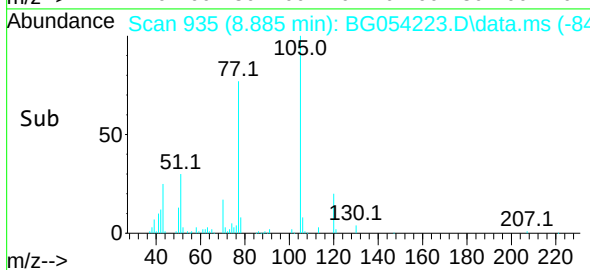
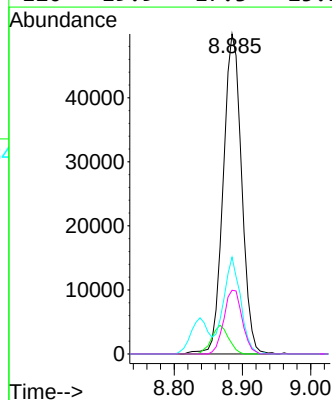
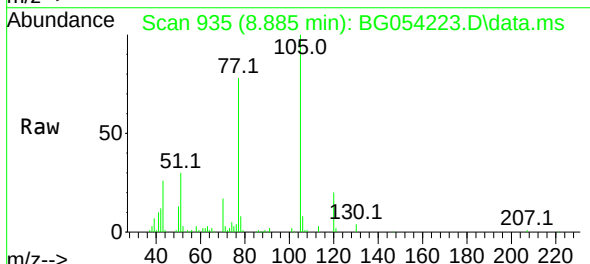
APPROVED

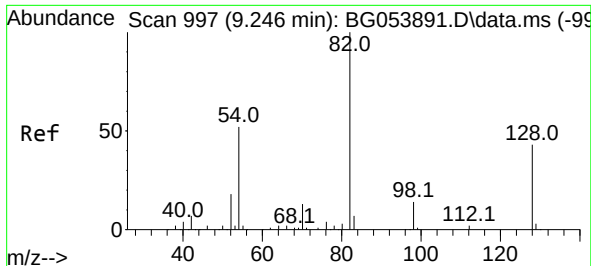
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#22
Acetophenone
Concen: 40.220 ng
RT: 8.885 min Scan# 935
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:105 Resp: 93875
Ion Ratio Lower Upper
105 100
71 3.2 1.1 1.7#
51 30.3 25.4 38.0
120 19.9 17.3 25.9





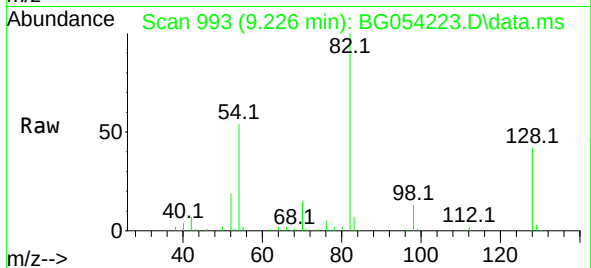
#23
Nitrobenzene-d5
Concen: 84.936 ng
RT: 9.226 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

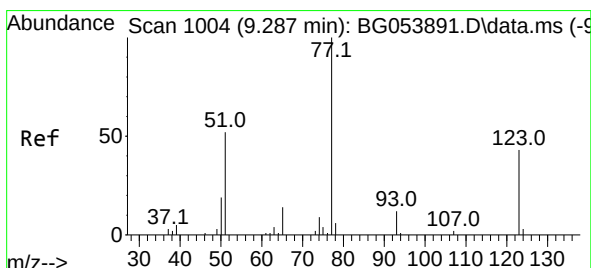
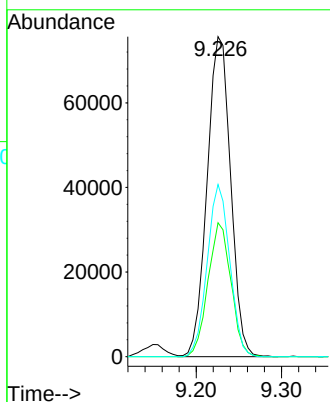
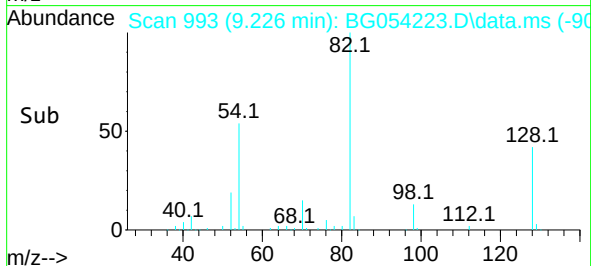


Tgt Ion: 82 Resp: 14513
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 53.8 41.2 61.8

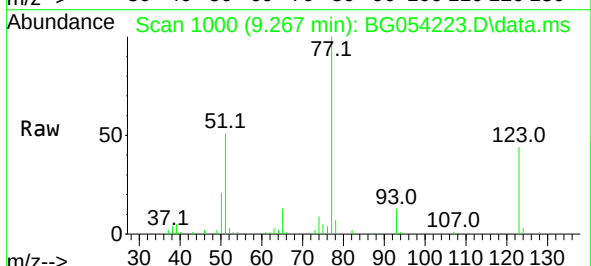
Manual Integrations

APPROVED

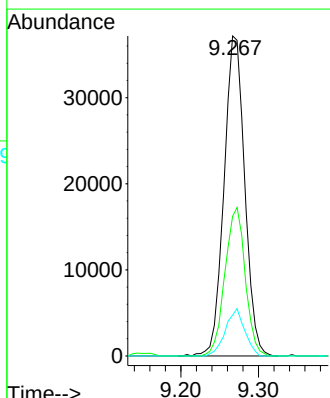
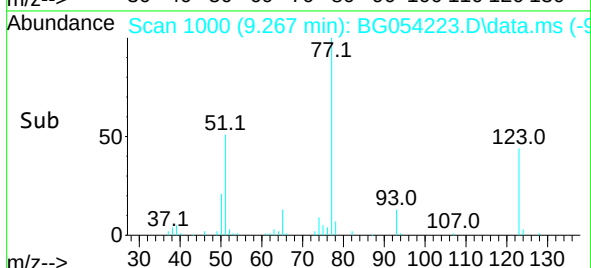
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

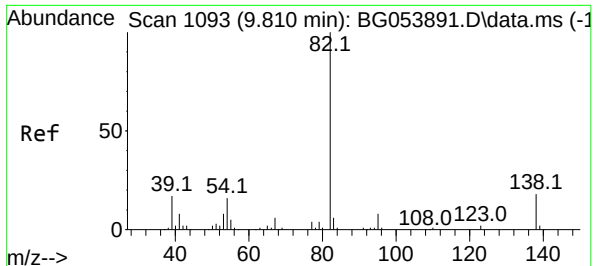


#24
Nitrobenzene
Concen: 41.005 ng
RT: 9.267 min Scan# 1000
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



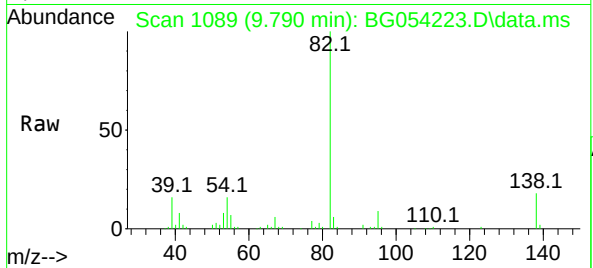
Tgt Ion: 77 Resp: 68997
Ion Ratio Lower Upper
77 100
123 43.6 27.4 41.0#
65 12.8 11.4 17.0





#25
Isophorone
Concen: 42.733 ng
RT: 9.790 min Scan# 1093
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

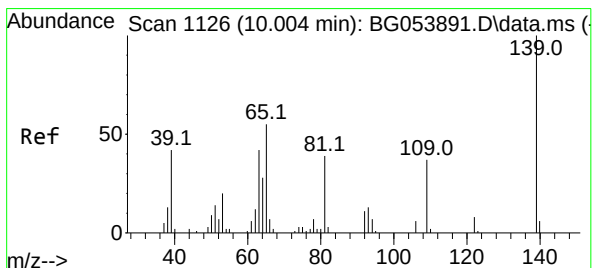
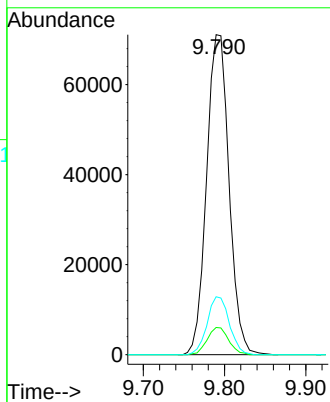
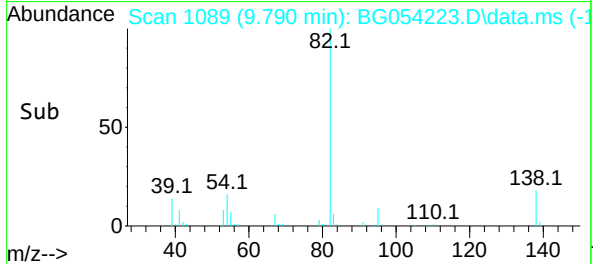
Instrument :
BNA_G
ClientSampleId :
PB146067BS



Tgt Ion: 82 Resp: 136372
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.4
138 18.1 11.6 17.4

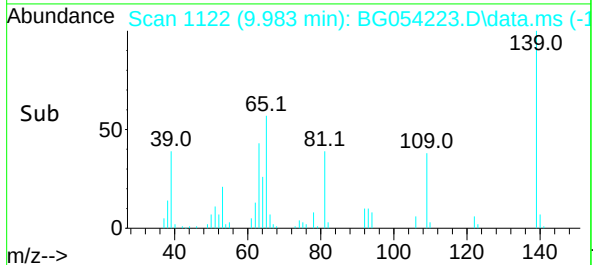
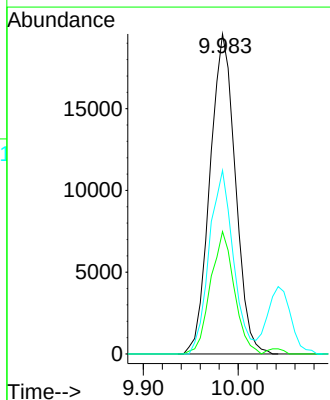
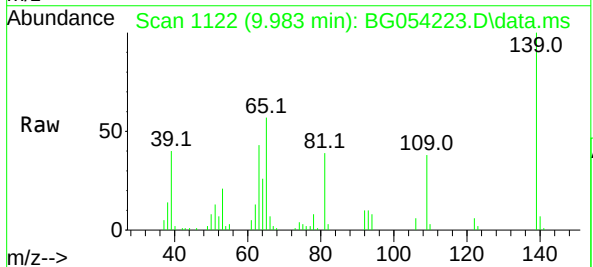
Manual Integrations
APPROVED

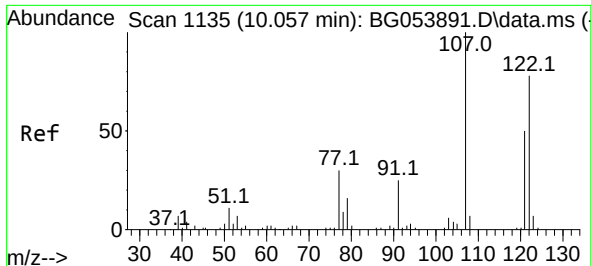
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#26
2-Nitrophenol
Concen: 48.986 ng
RT: 9.983 min Scan# 1122
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:139 Resp: 36406
Ion Ratio Lower Upper
139 100
109 38.2 36.1 54.1
65 57.4 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 52.162 ng

RT: 10.042 min Scan# 1132

Delta R.T. -0.002 min

Lab File: BG054223.D

Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

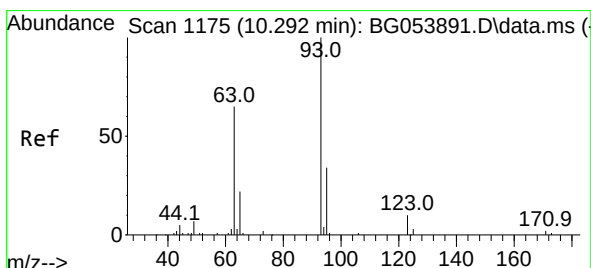
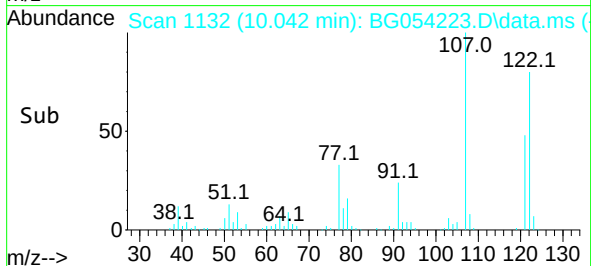
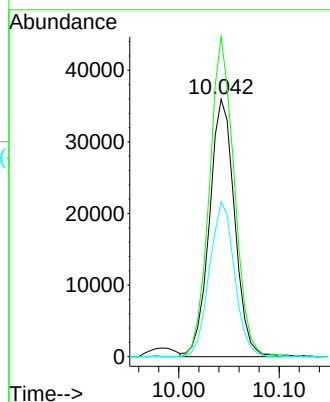
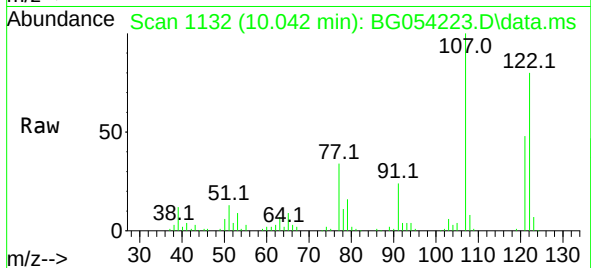
Tgt Ion:122 Resp: 6274

Ion	Ratio	Lower	Upper
122	100		
107	124.3	109.4	164.0
121	60.2	48.7	73.1

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 44.843 ng

RT: 10.271 min Scan# 1171

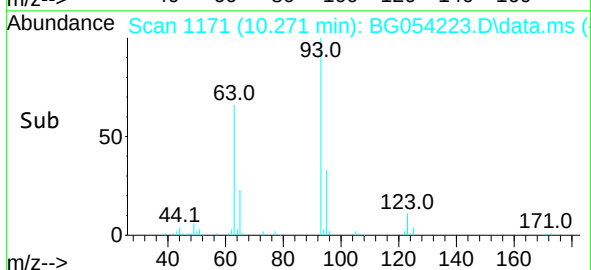
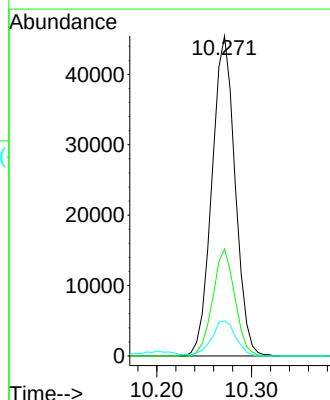
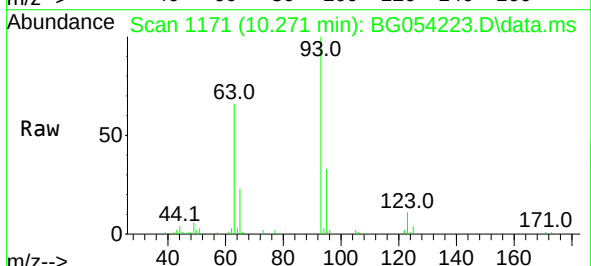
Delta R.T. -0.008 min

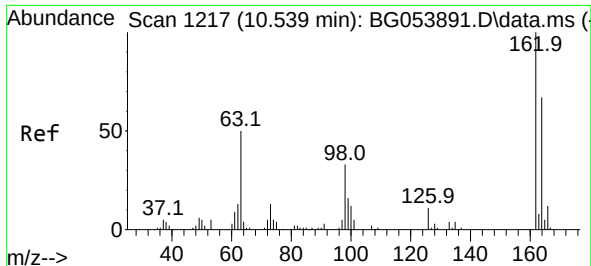
Lab File: BG054223.D

Acq: 7 Jul 2022 13:21

Tgt Ion: 93 Resp: 77093

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.9	40.3
123	11.0	7.7	11.5





#29

2,4-Dichlorophenol

Concen: 47.933 ng

RT: 10.524 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG054223.D

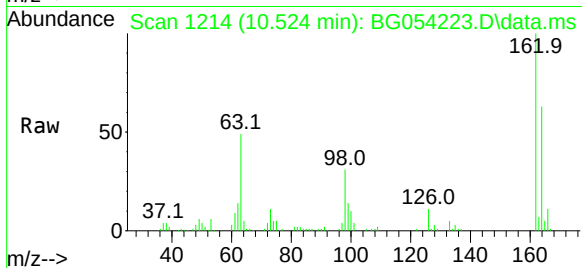
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS



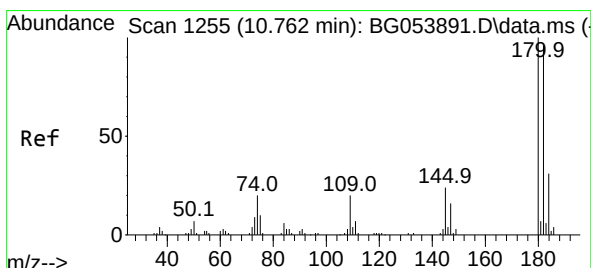
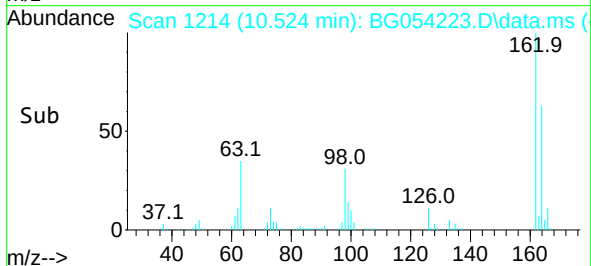
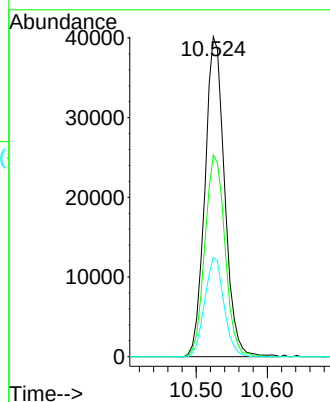
Tgt Ion:162	Resp:	7730
Ion Ratio	Lower	Upper
162	100	
164	63.0	46.6 86.6
98	31.0	22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/08/2022

Supervised By :Jagrut Upadhyay 07/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.038 ng

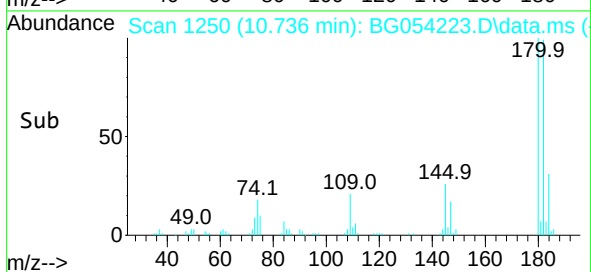
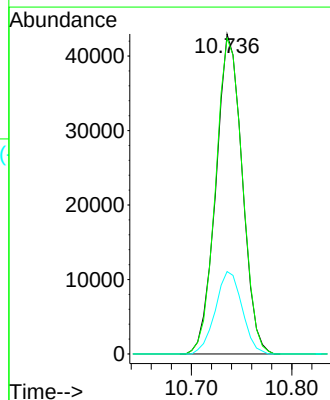
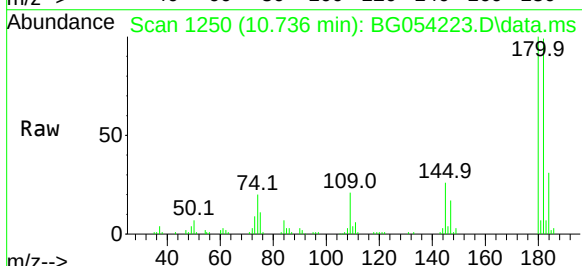
RT: 10.736 min Scan# 1250

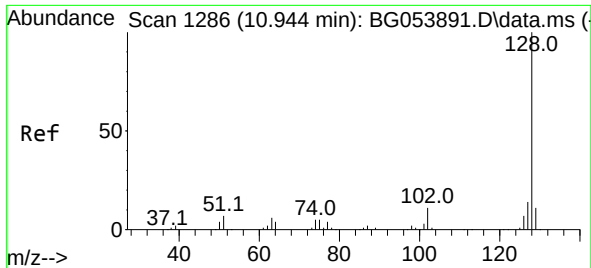
Delta R.T. -0.008 min

Lab File: BG054223.D

Acq: 7 Jul 2022 13:21

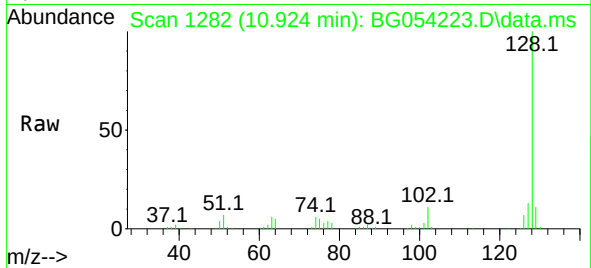
Tgt Ion:180	Resp:	77960
Ion Ratio	Lower	Upper
180	100	
182	98.7	76.6 115.0
145	25.7	25.0 37.4





#31
Naphthalene
Concen: 39.277 ng
RT: 10.924 min Scan# 110
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

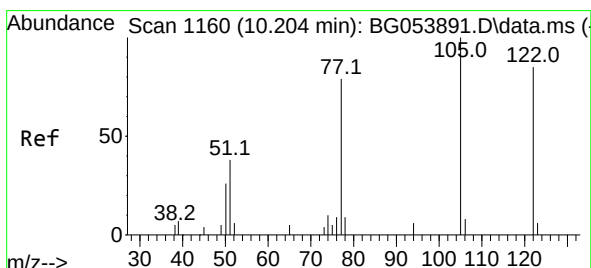
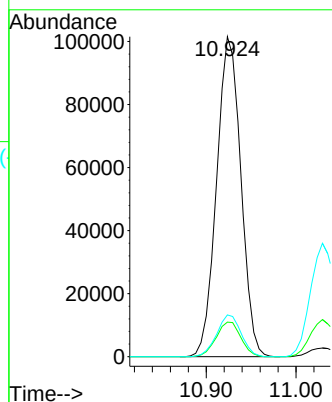
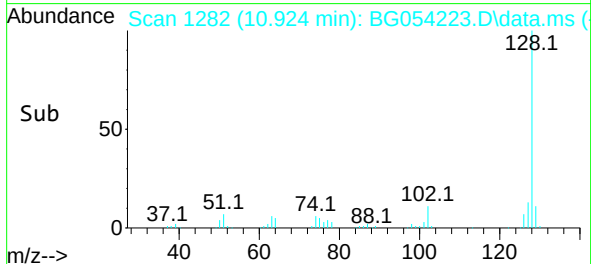
Instrument :
BNA_G
ClientSampleId :
PB146067BS



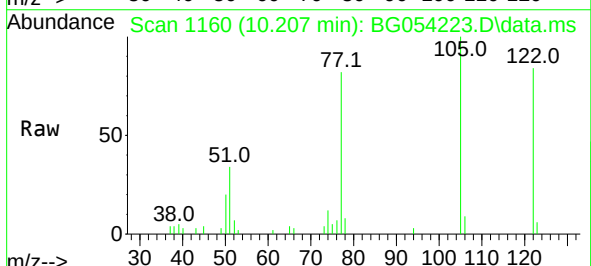
Tgt Ion:128 Resp: 190390
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 11.1 16.7

Manual Integrations
APPROVED

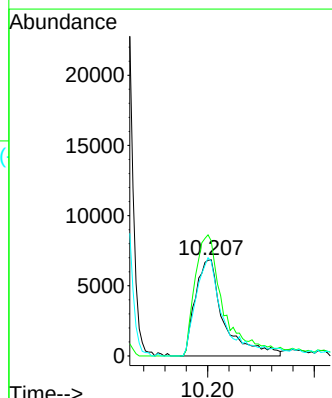
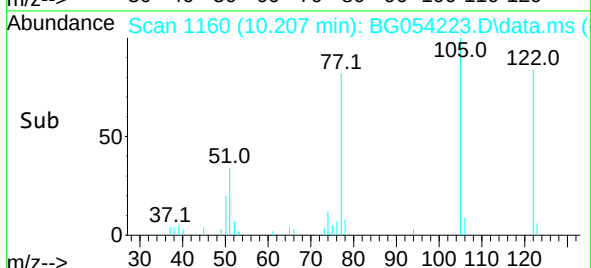
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

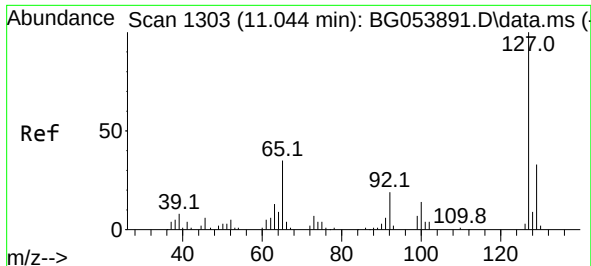


#32
Benzoic acid
Concen: 48.372 ng
RT: 10.207 min Scan# 1160
Delta R.T. 0.009 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:122 Resp: 25410
Ion Ratio Lower Upper
122 100
105 119.8 111.8 151.8
77 98.6 109.4 149.4#





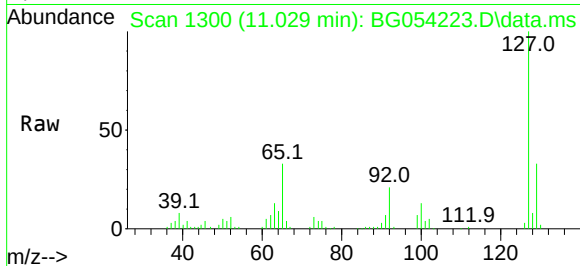
#33
4-Chloroaniline
Concen: 37.315 ng
RT: 11.029 min Scan# 11029
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

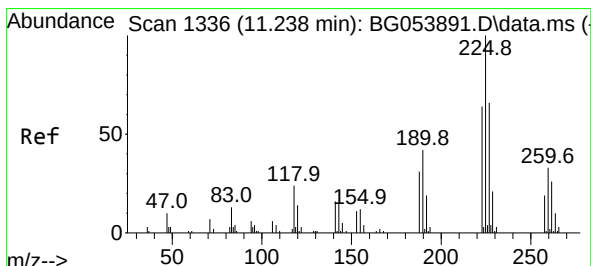
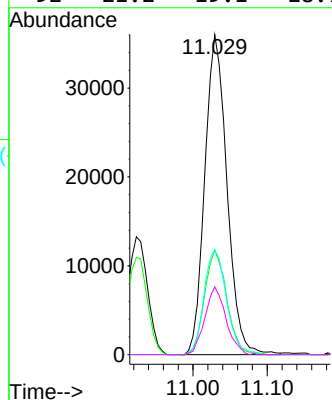
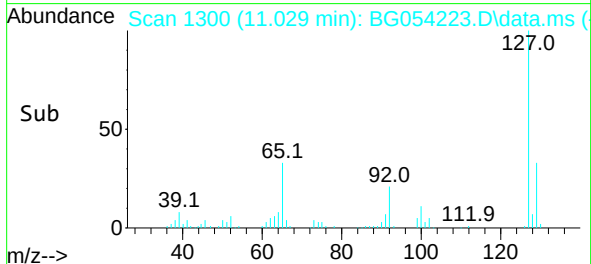


Tgt Ion:127 Resp: 7504
Ion Ratio Lower Upper
127 100
129 32.8 26.3 39.5
65 32.8 31.1 46.7
92 21.2 19.1 28.7

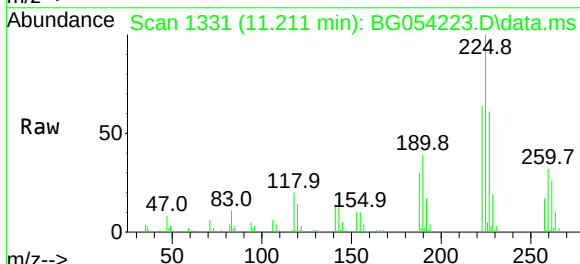
Manual Integrations

APPROVED

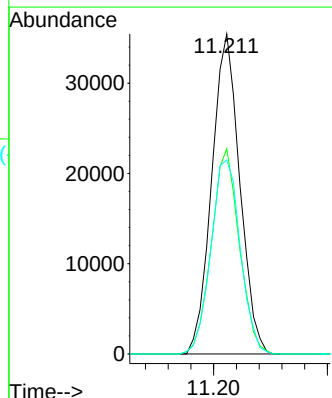
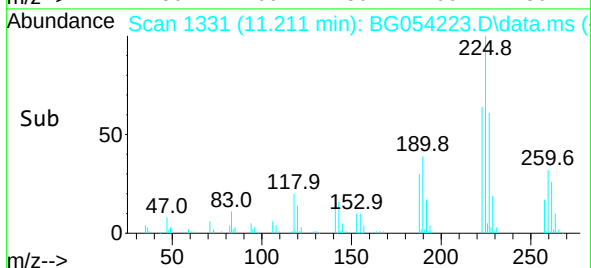
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

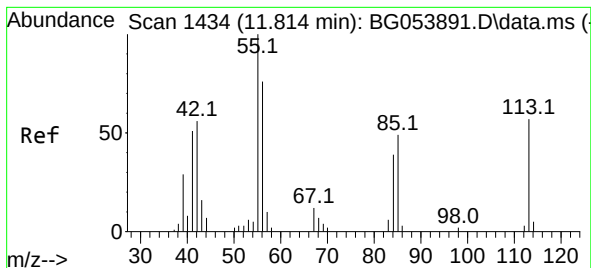


#34
Hexachlorobutadiene
Concen: 39.404 ng
RT: 11.211 min Scan# 1331
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



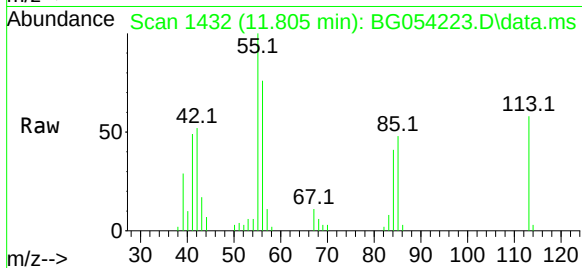
Tgt Ion:225 Resp: 60500
Ion Ratio Lower Upper
225 100
223 64.2 48.9 73.3
227 60.6 52.8 79.2





#35
Caprolactam
Concen: 56.570 ng m
RT: 11.805 min Scan# 1434
Delta R.T. 0.015 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

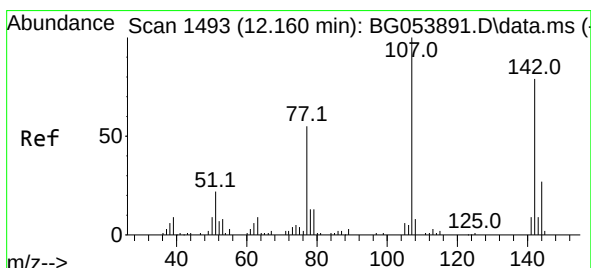
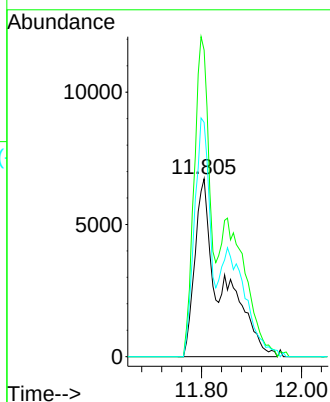
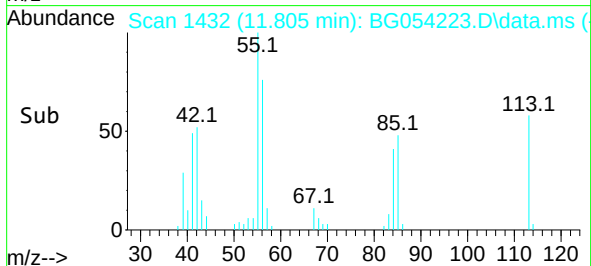
Instrument :
BNA_G
ClientSampleId :
PB146067BS



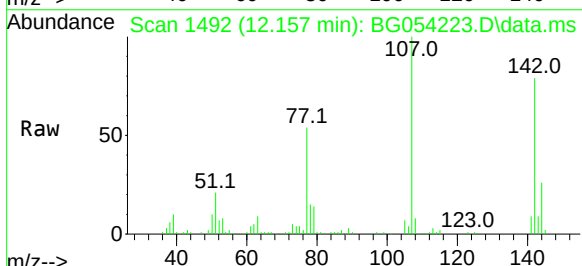
Tgt Ion:113 Resp: 25117
Ion Ratio Lower Upper
113 100
55 172.3 169.8 209.8
56 131.6 141.2 181.2

Manual Integrations
APPROVED

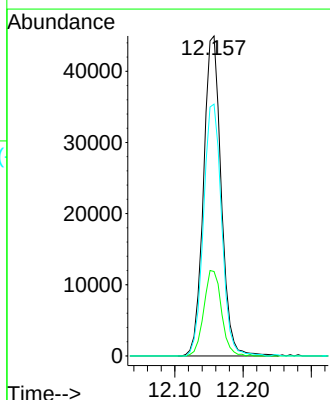
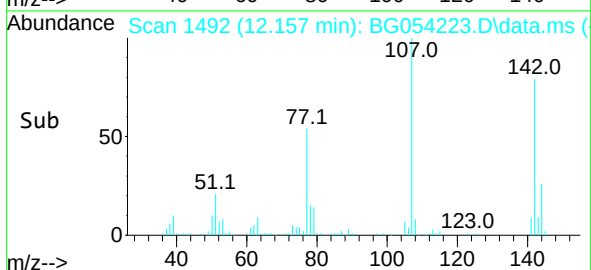
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

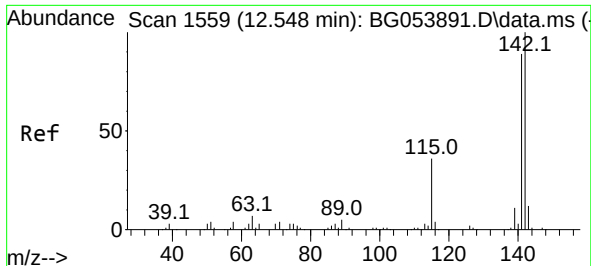


#36
4-Chloro-3-methylphenol
Concen: 51.739 ng
RT: 12.157 min Scan# 1492
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:107 Resp: 81119
Ion Ratio Lower Upper
107 100
144 26.4 18.5 27.7
142 78.7 55.0 82.4





#37
2-Methylnaphthalene
Concen: 41.878 ng
RT: 12.528 min Scan# 1555
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

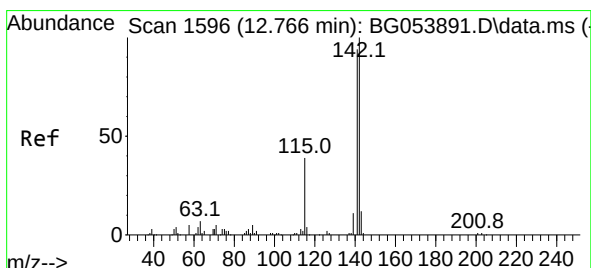
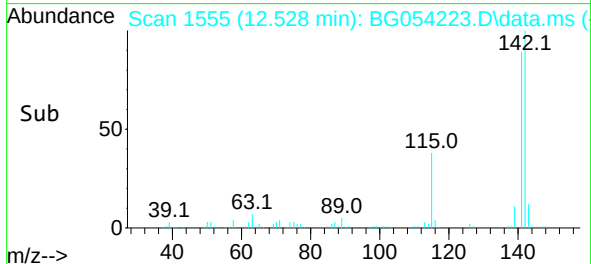
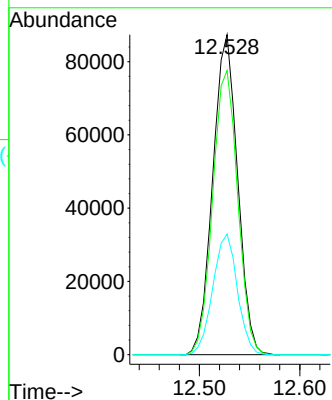
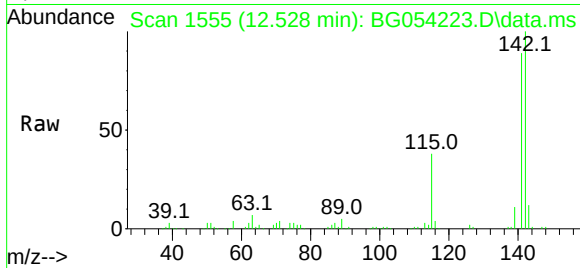
PB146067BS

Tgt Ion:142 Resp: 150194
Ion Ratio Lower Upper
142 100
141 88.8 72.3 108.5
115 37.7 33.7 50.5

Manual Integrations

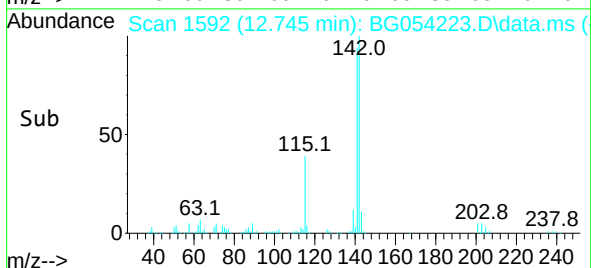
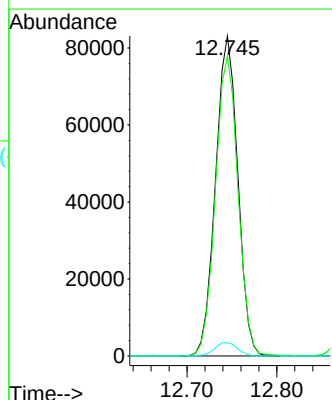
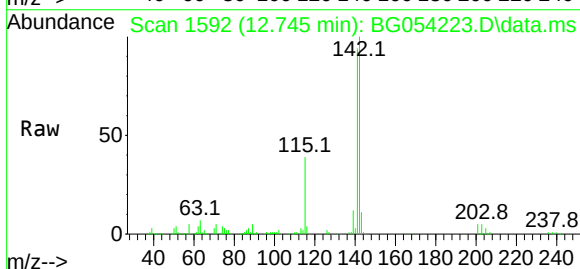
APPROVED

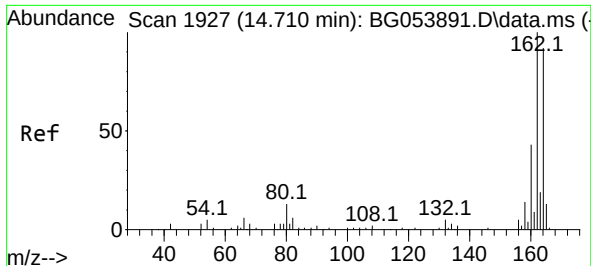
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#38
1-Methylnaphthalene
Concen: 40.975 ng
RT: 12.745 min Scan# 1592
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:142 Resp: 143093
Ion Ratio Lower Upper
142 100
141 93.7 76.4 114.6
116 4.1 3.3 4.9





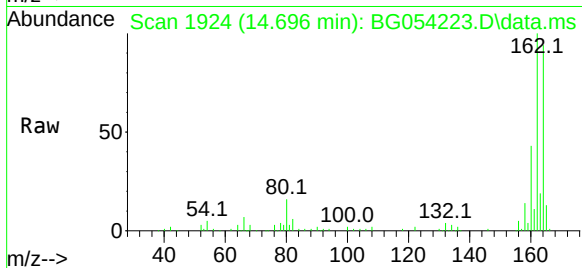
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.696 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

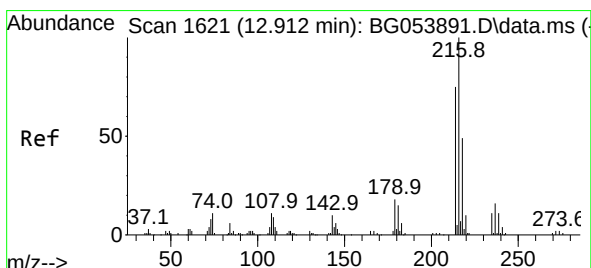
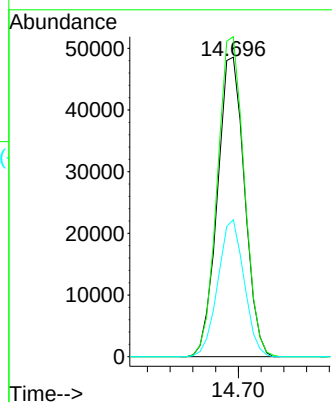
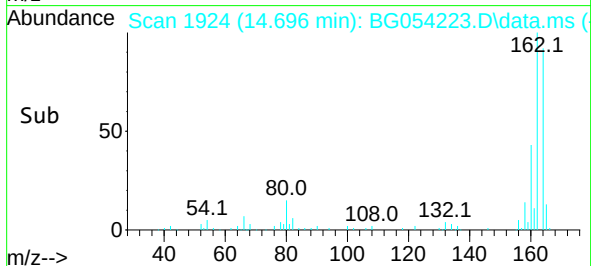


Tgt Ion:164 Resp: 80652
Ion Ratio Lower Upper
164 100
162 106.8 82.3 123.5
160 45.7 34.2 51.2

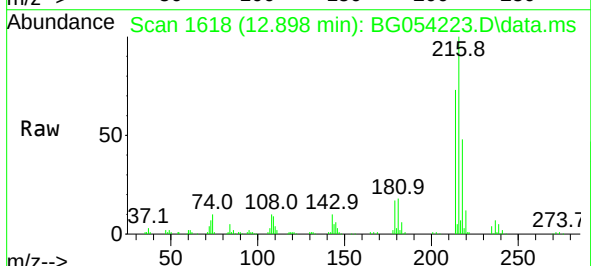
Manual Integrations

APPROVED

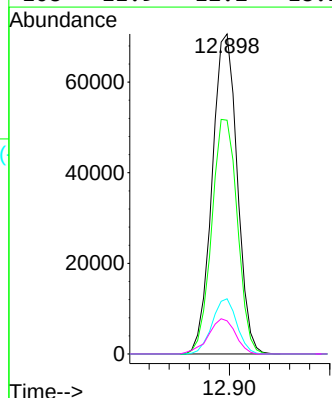
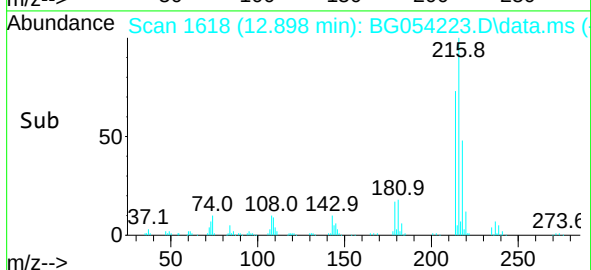
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

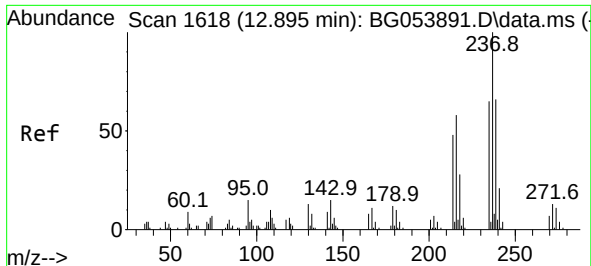


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.438 ng
RT: 12.898 min Scan# 1618
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



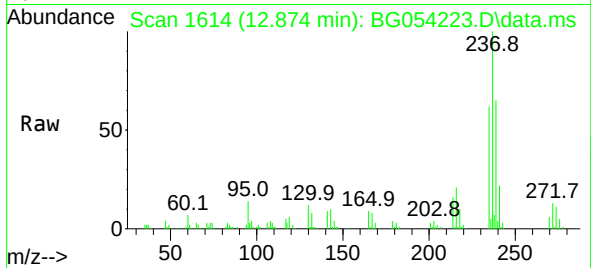
Tgt Ion:216 Resp: 122561
Ion Ratio Lower Upper
216 100
214 74.9 62.9 94.3
179 16.9 16.1 24.1
108 11.9 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 64.168 ng
RT: 12.874 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

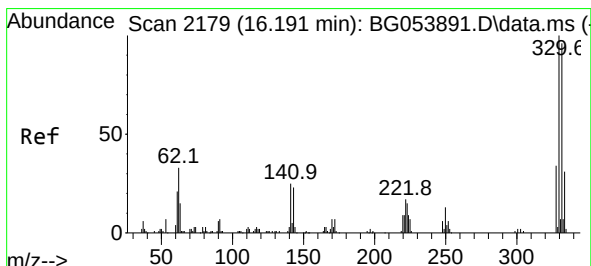
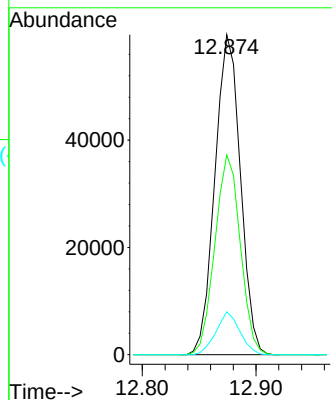
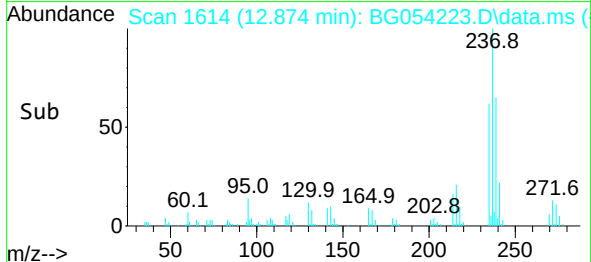
Instrument :
BNA_G
ClientSampleId :
PB146067BS



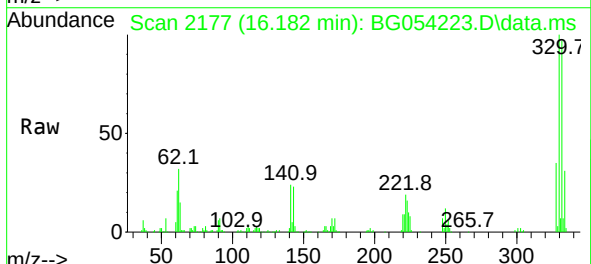
Tgt Ion:237 Resp: 9285
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 13.4 0.0 30.1

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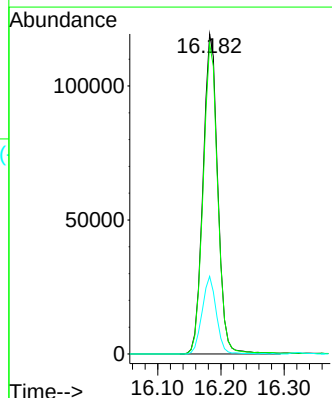
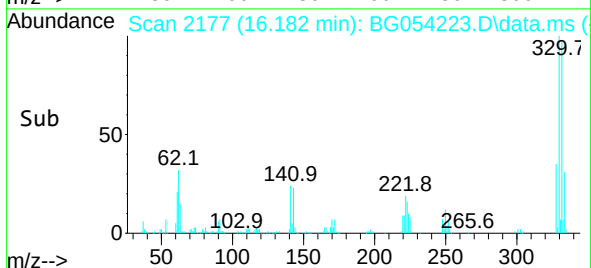
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

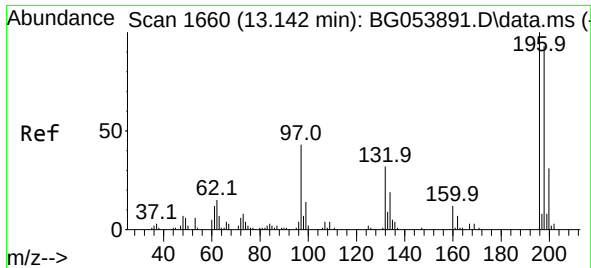


#42
2,4,6-Tribromophenol
Concen: 149.548 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:330 Resp: 193787
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 23.3 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 44.543 ng
RT: 13.133 min Scan# 1658
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

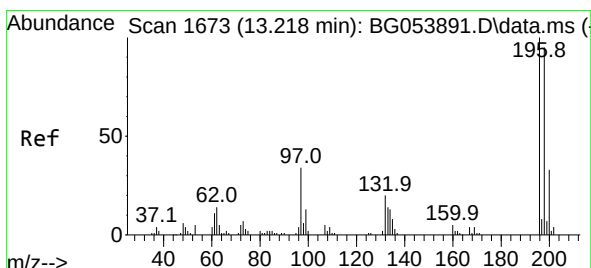
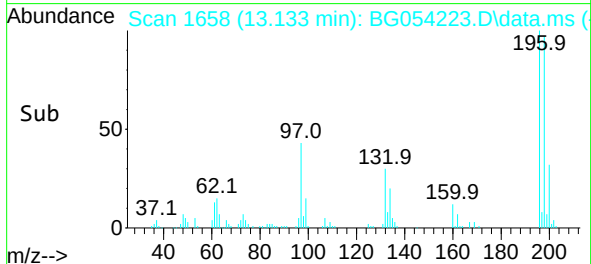
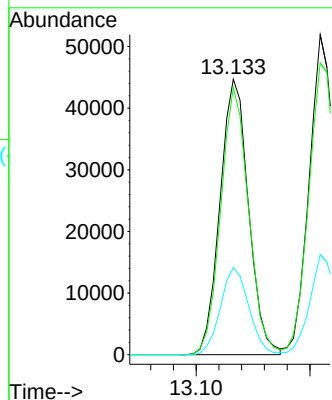
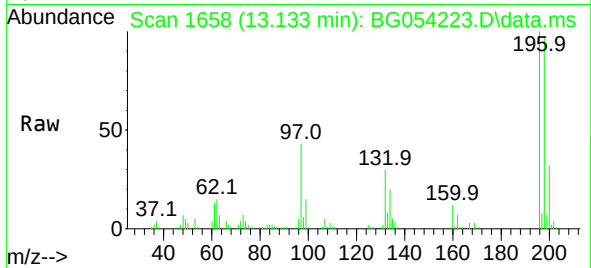
ClientSampleId :

PB146067BS

Tgt Ion:196 Resp: 77758
Ion Ratio Lower Upper
196 100
198 96.9 74.1 111.1
200 31.6 24.7 37.1

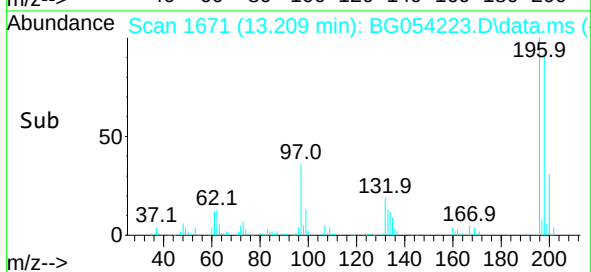
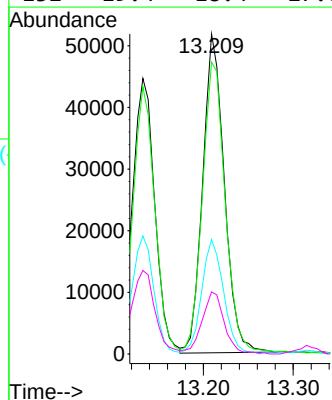
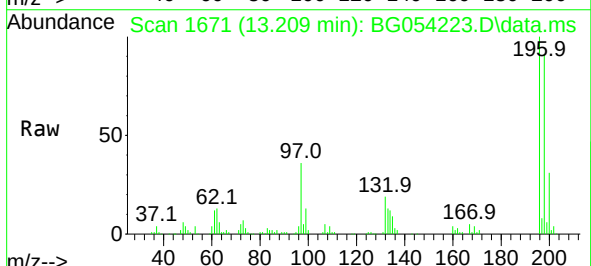
Manual Integrations
APPROVED

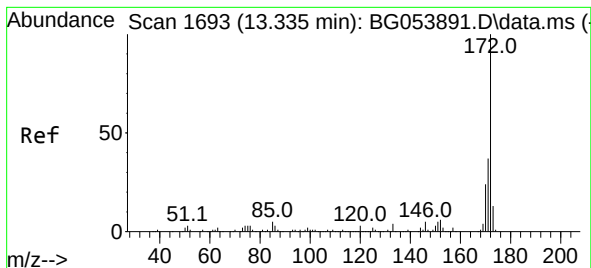
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#44
2,4,5-Trichlorophenol
Concen: 44.371 ng
RT: 13.209 min Scan# 1671
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

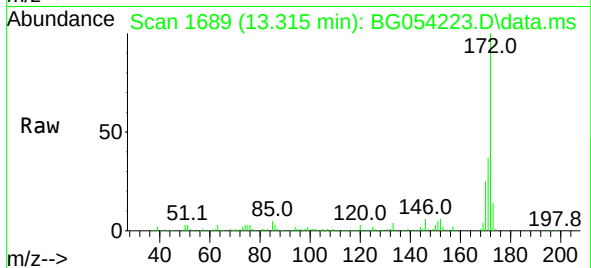
Tgt Ion:196 Resp: 86487
Ion Ratio Lower Upper
196 100
198 91.2 76.8 115.2
97 35.8 39.8 59.6#
132 19.4 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 79.226 ng
RT: 13.315 min Scan# 1689
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

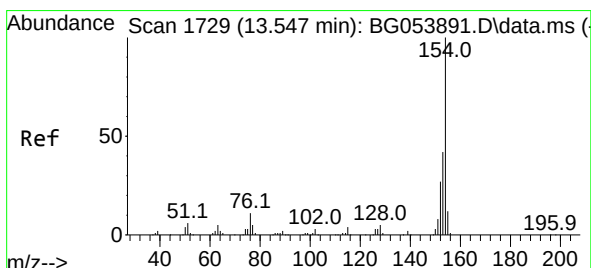
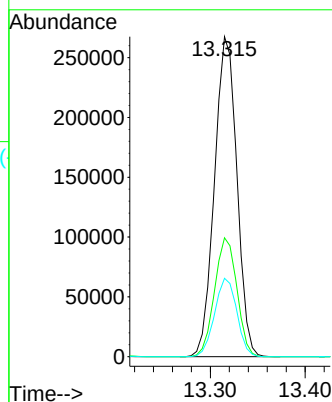
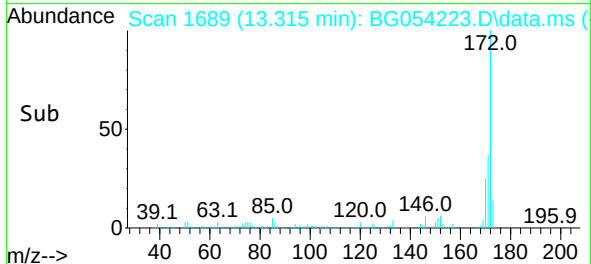
Instrument :
BNA_G
ClientSampleId :
PB146067BS



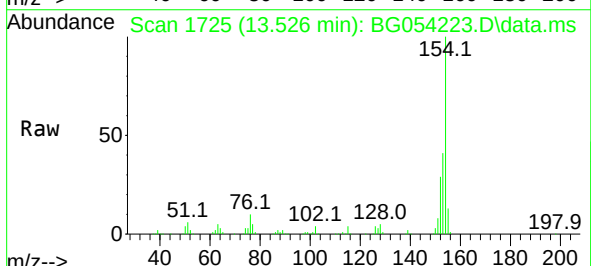
Tgt Ion:172 Resp: 439419
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.5 18.9 28.3

Manual Integrations
APPROVED

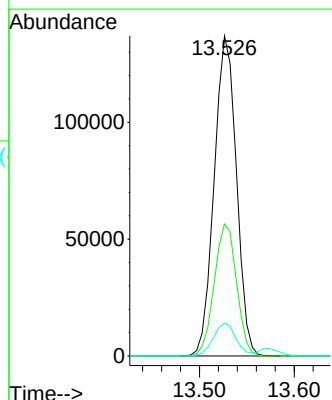
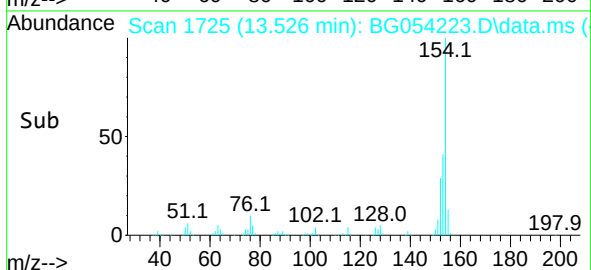
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

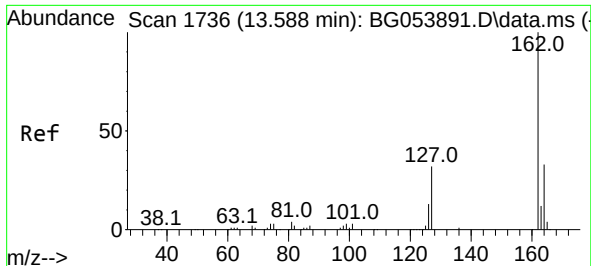


#46
1,1'-Biphenyl
Concen: 39.677 ng
RT: 13.526 min Scan# 1725
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:154 Resp: 222902
Ion Ratio Lower Upper
154 100
153 41.3 21.6 61.6
76 10.2 0.0 32.6





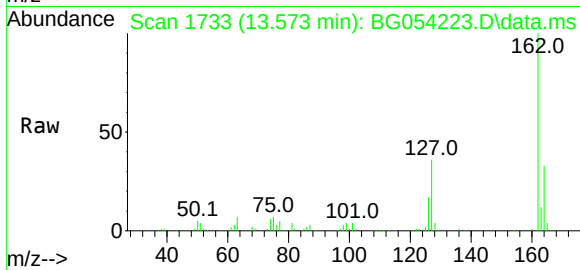
#47
2-Chloronaphthalene
Concen: 39.866 ng
RT: 13.573 min Scan# 1733
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

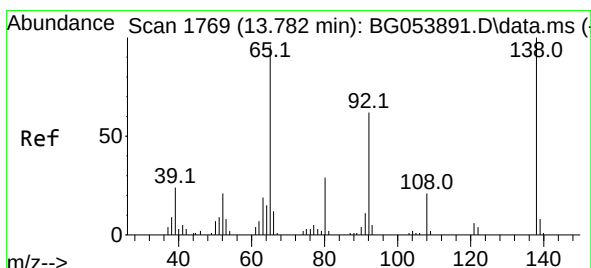
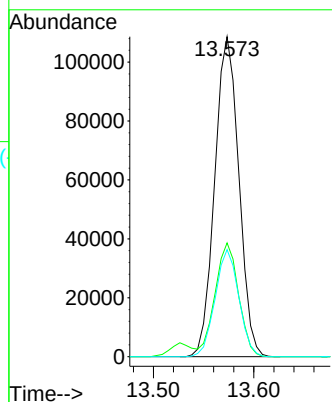
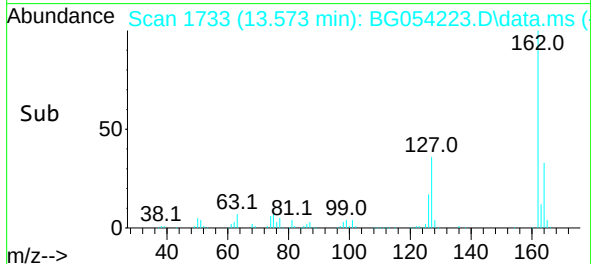


Tgt Ion:162 Resp: 18125
Ion Ratio Lower Upper
162 100
127 35.6 30.6 45.8
164 33.5 26.5 39.7

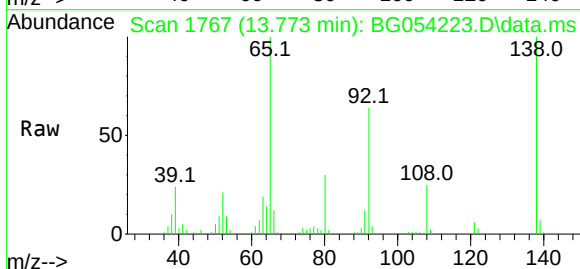
Manual Integrations

APPROVED

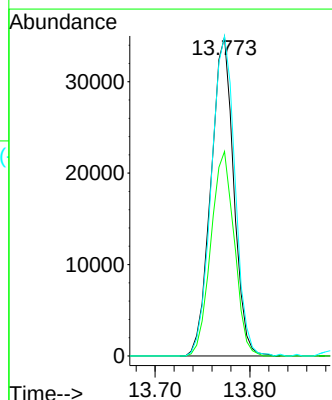
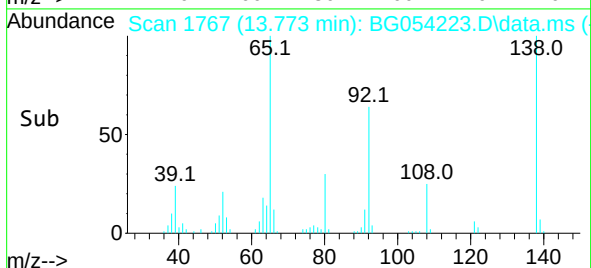
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

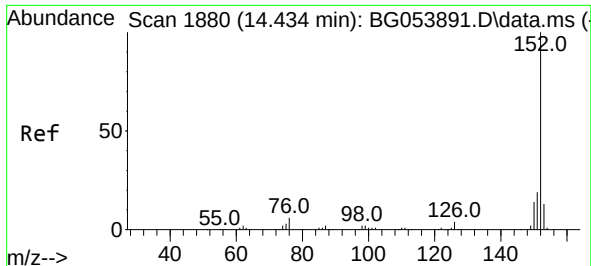


#48
2-Nitroaniline
Concen: 48.022 ng
RT: 13.773 min Scan# 1767
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion: 65 Resp: 58079
Ion Ratio Lower Upper
65 100
92 64.2 51.5 77.3
138 100.4 71.3 106.9





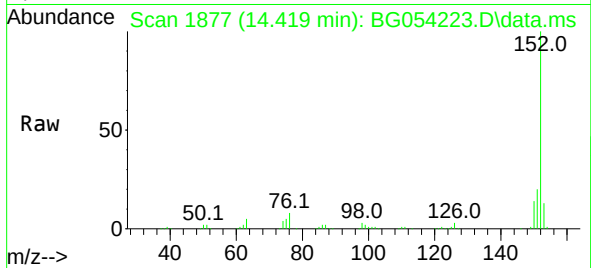
#49
Acenaphthylene
Concen: 40.737 ng
RT: 14.419 min Scan# 1877
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

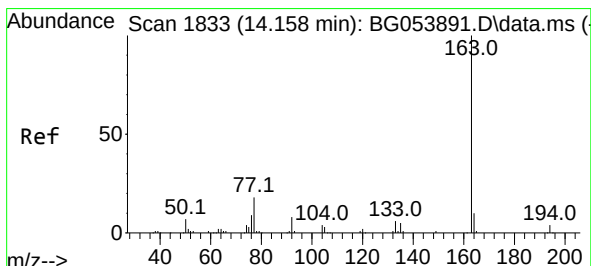
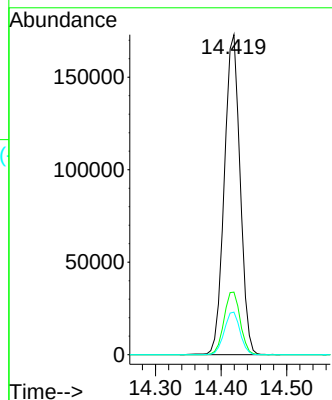
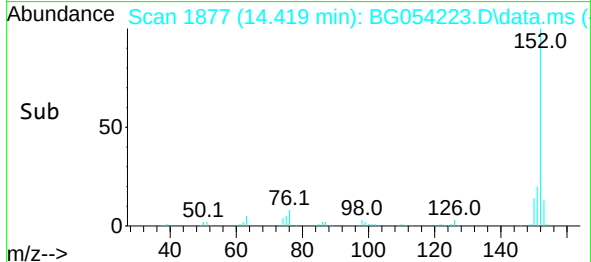


Tgt Ion:152 Resp: 287999
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.3 10.8 16.2

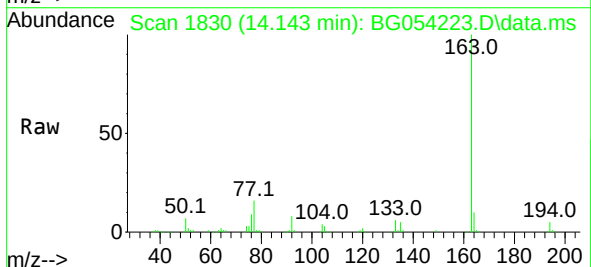
Manual Integrations

APPROVED

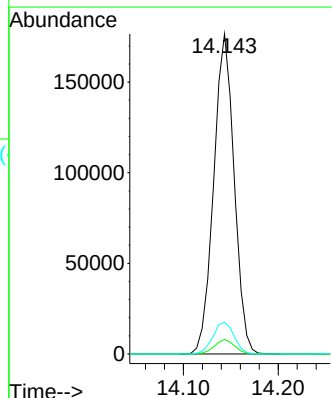
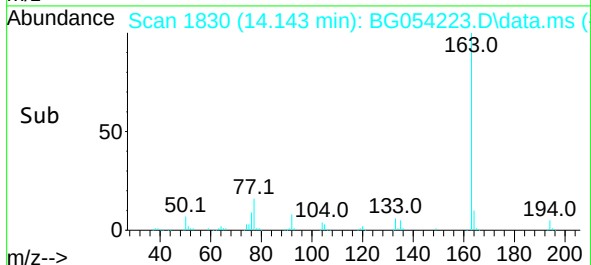
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

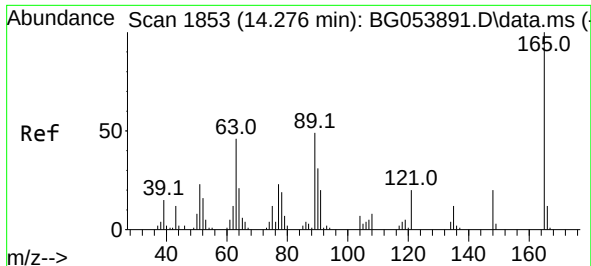


#50
Dimethylphthalate
Concen: 43.107 ng
RT: 14.143 min Scan# 1830
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:163 Resp: 264776
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.9 8.0 12.0





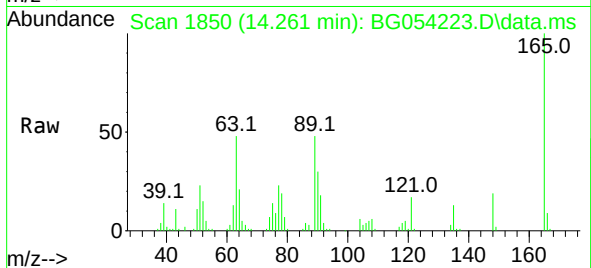
#51
2,6-Dinitrotoluene
Concen: 48.580 ng
RT: 14.261 min Scan# 1853
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

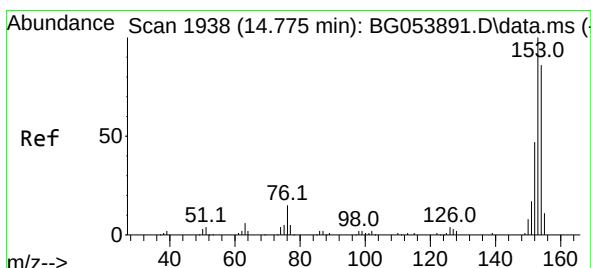
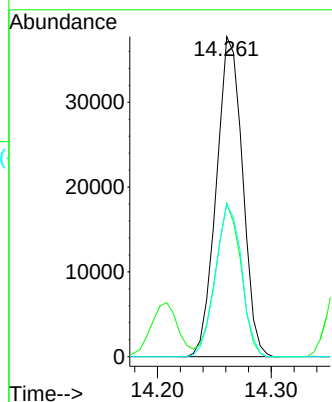
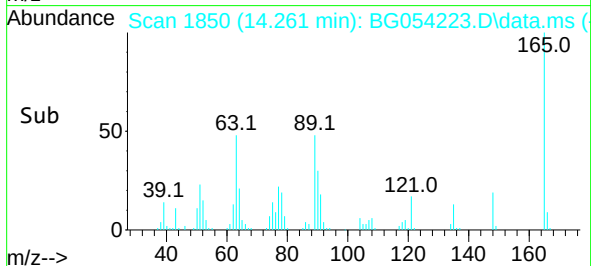


Tgt Ion:165 Resp: 60288
Ion Ratio Lower Upper
165 100
63 47.9 54.1 81.1
89 47.7 54.8 82.2

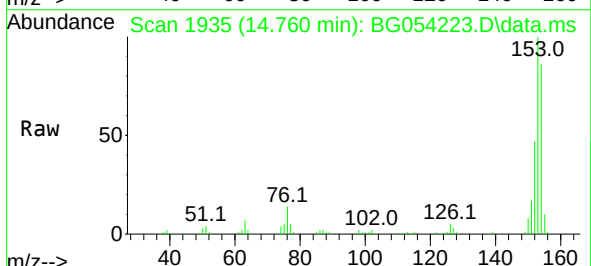
Manual Integrations

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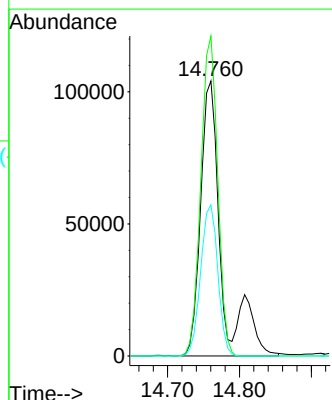
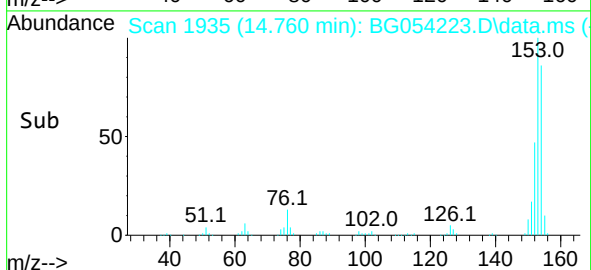
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

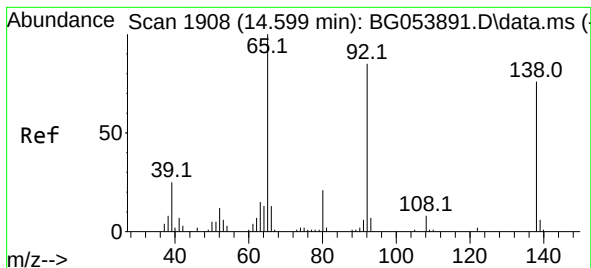


#52
Acenaphthene
Concen: 46.480 ng m
RT: 14.760 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:154 Resp: 209460
Ion Ratio Lower Upper
154 100
153 116.4 92.7 139.1
152 55.0 42.6 64.0





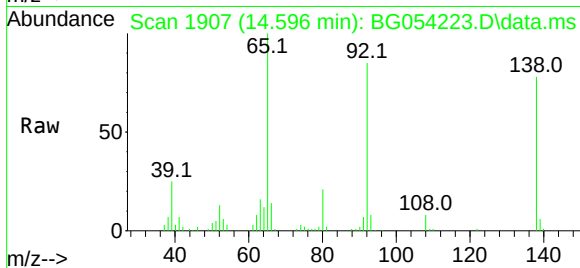
#53
3-Nitroaniline
Concen: 38.772 ng
RT: 14.596 min Scan# 1908
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

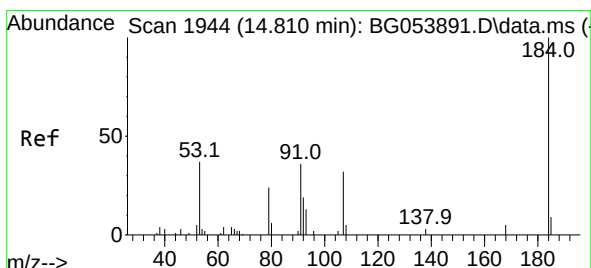
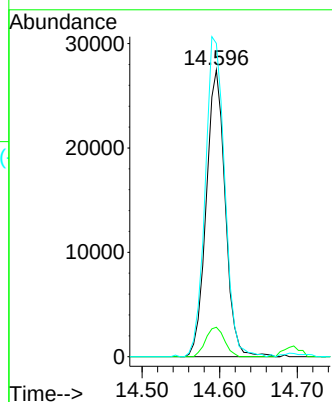
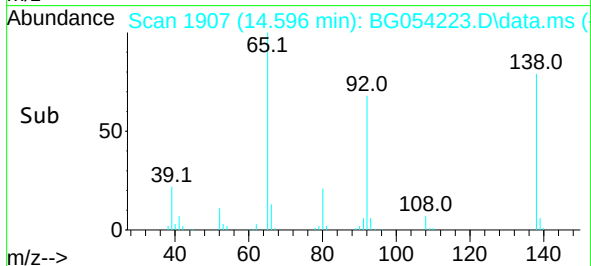


Tgt Ion:138 Resp: 46610
Ion Ratio Lower Upper
138 100
108 10.3 9.2 13.8
92 109.3 101.9 152.9

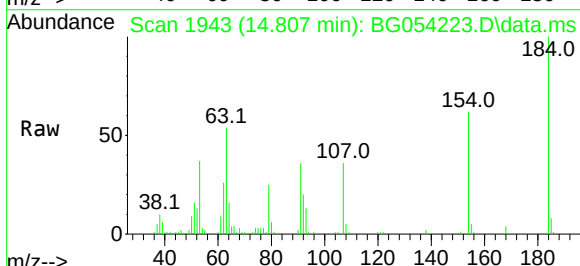
Manual Integrations

APPROVED

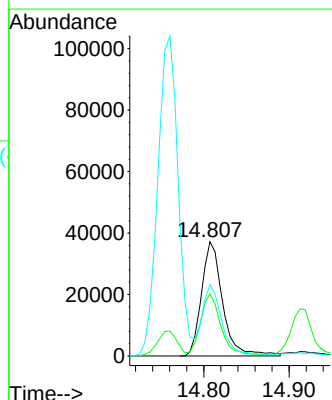
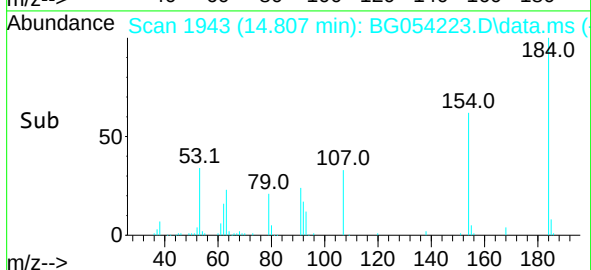
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

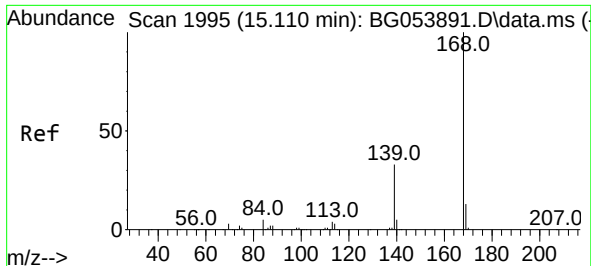


#54
2,4-Dinitrophenol
Concen: 92.180 ng
RT: 14.807 min Scan# 1943
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



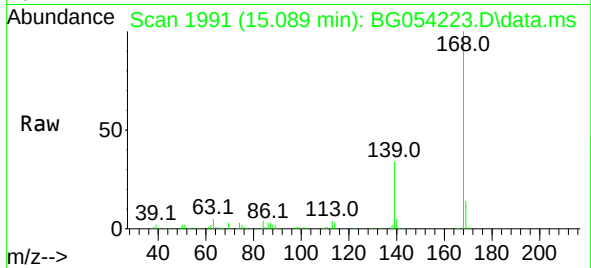
Tgt Ion:184 Resp: 63928
Ion Ratio Lower Upper
184 100
63 54.3 61.1 91.7#
154 62.5 60.6 91.0





#55
Dibenzenofuran
Concen: 42.277 ng
RT: 15.089 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

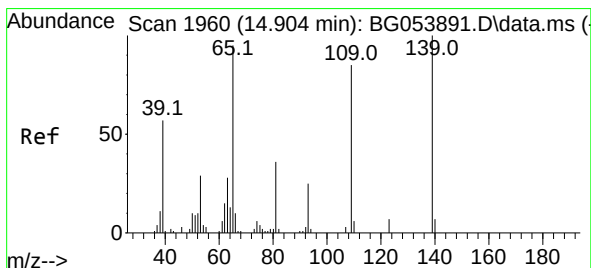
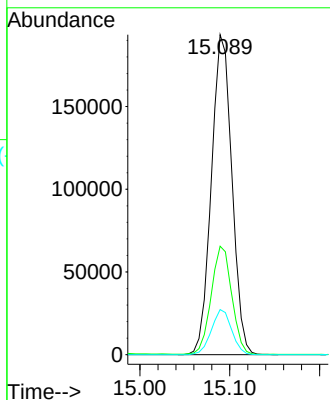
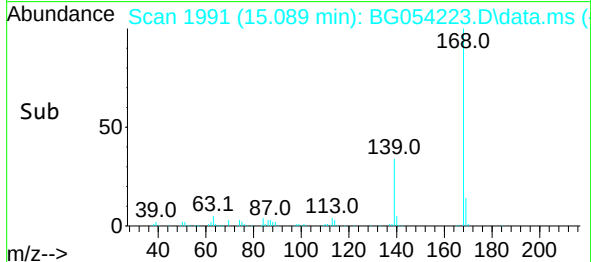
Instrument :
BNA_G
ClientSampleId :
PB146067BS



Tgt Ion:168 Resp: 30696
Ion Ratio Lower Upper
168 100
139 33.9 30.5 45.7
169 14.1 10.3 15.5

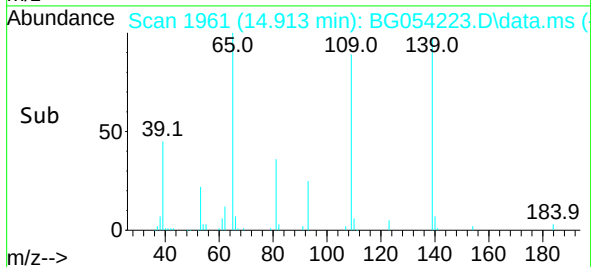
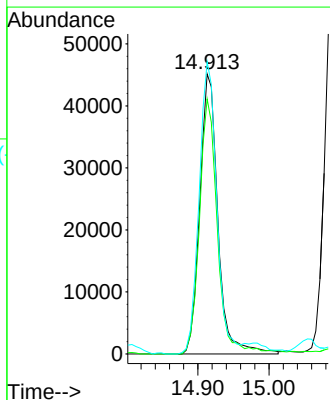
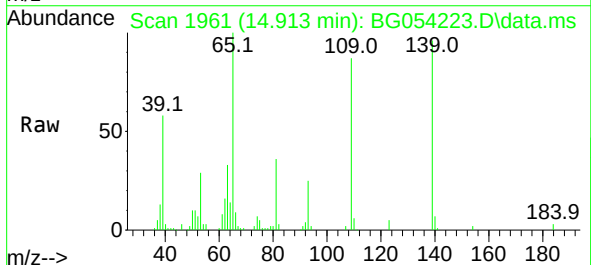
Manual Integrations
APPROVED

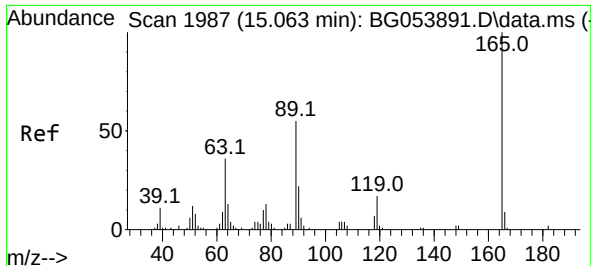
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#56
4-Nitrophenol
Concen: 93.857 ng
RT: 14.913 min Scan# 1961
Delta R.T. 0.015 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:139 Resp: 80116
Ion Ratio Lower Upper
139 100
109 91.1 88.5 128.5
65 104.4 93.9 133.9





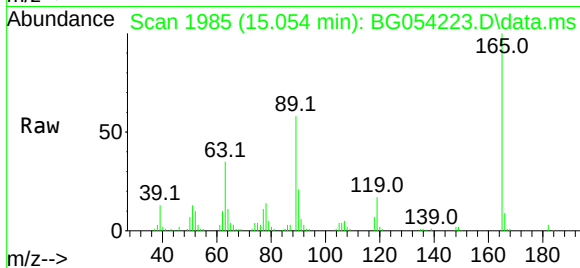
#57
2,4-Dinitrotoluene
Concen: 50.631 ng
RT: 15.054 min Scan# 1985
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

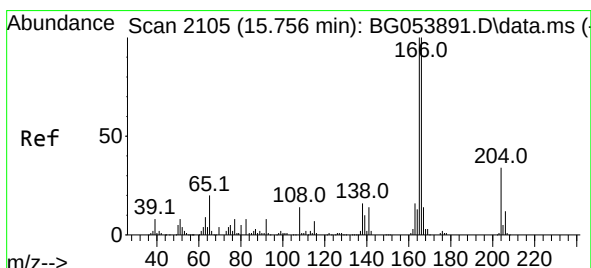
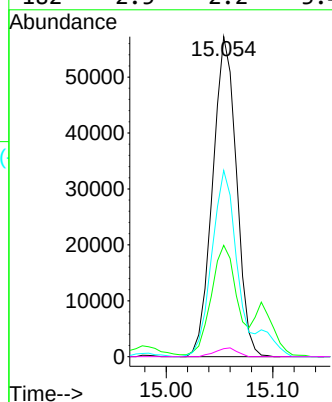
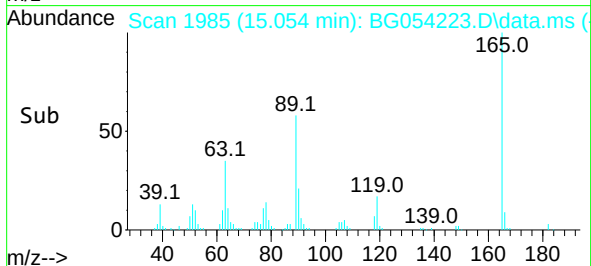


Tgt Ion:165 Resp: 88739
Ion Ratio Lower Upper
165 100
63 34.8 34.6 52.0
89 58.2 60.3 90.5
182 2.5 2.2 3.4

Manual Integrations

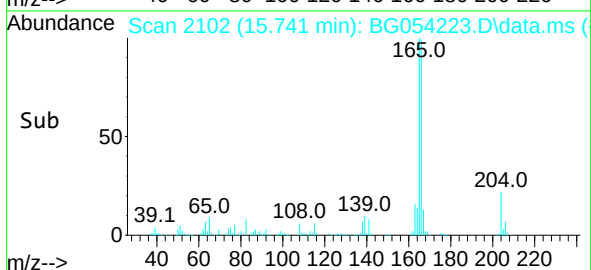
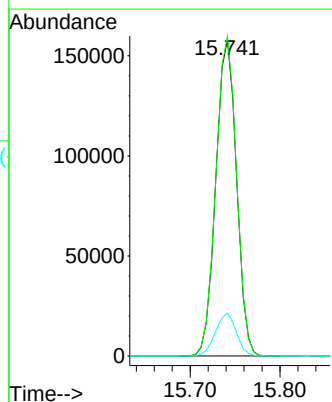
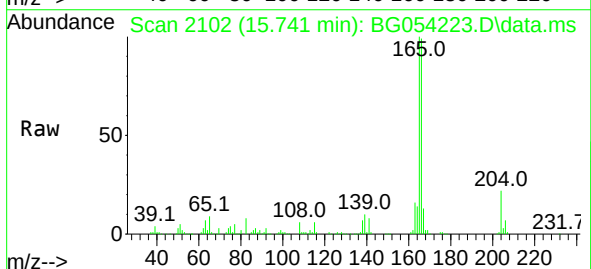
APPROVED

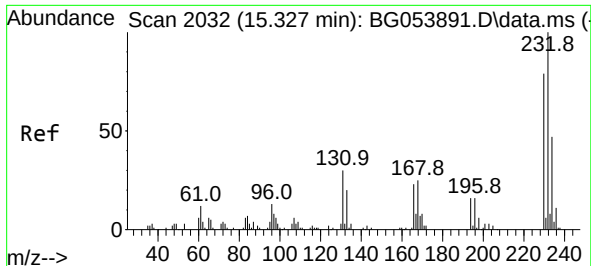
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#58
Fluorene
Concen: 42.359 ng
RT: 15.741 min Scan# 2102
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:166 Resp: 252519
Ion Ratio Lower Upper
166 100
165 101.3 75.0 112.6
167 13.5 10.8 16.2





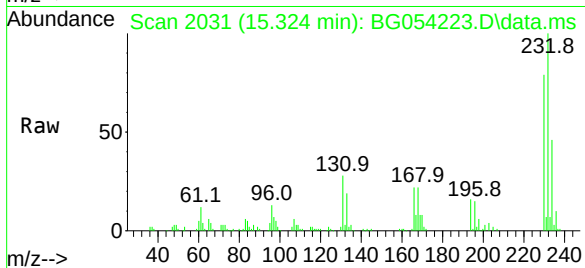
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.490 ng
RT: 15.324 min Scan# 2032
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

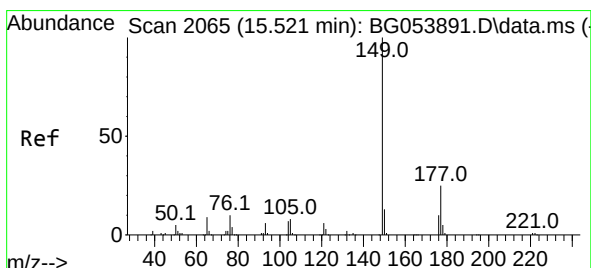
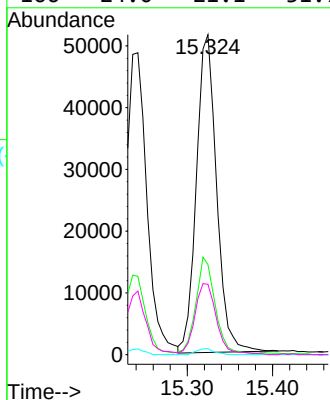
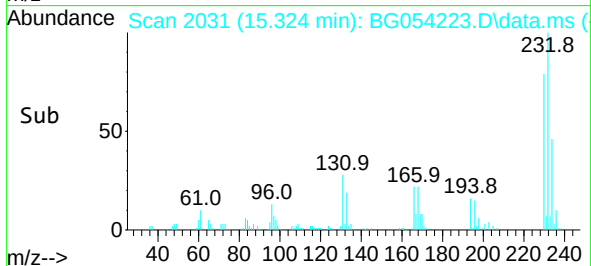


Tgt Ion:232 Resp: 8480
Ion Ratio Lower Upper
232 100
131 28.5 30.6 46.0
130 1.7 1.8 2.8
166 24.0 21.1 31.7

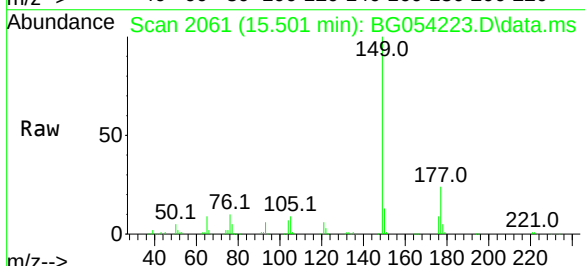
Manual Integrations

APPROVED

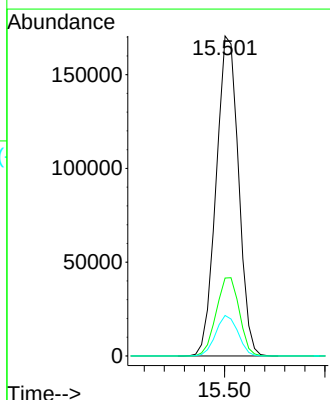
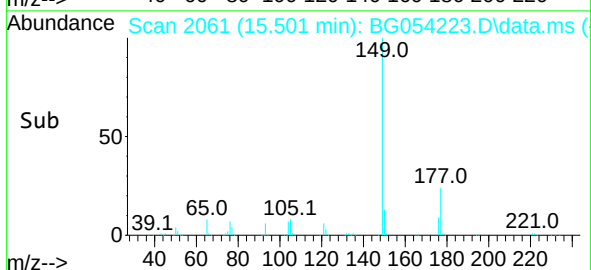
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

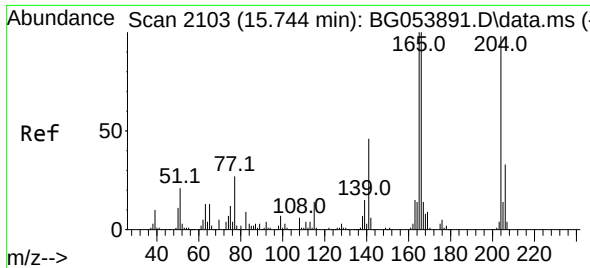


#60
Diethylphthalate
Concen: 44.252 ng
RT: 15.501 min Scan# 2061
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:149 Resp: 263228
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 12.7 11.2 16.8





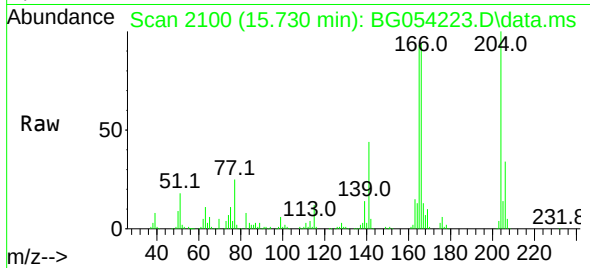
#61
4-Chlorophenyl-phenylether
Concen: 44.759 ng
RT: 15.730 min Scan# 2104
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

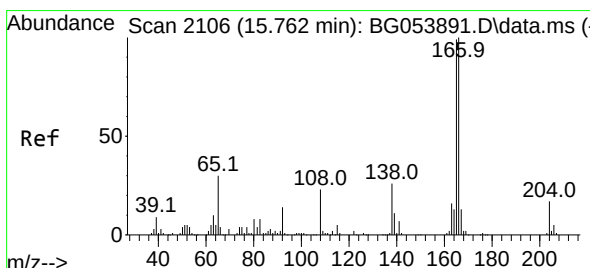
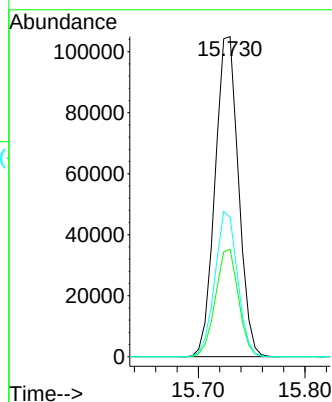
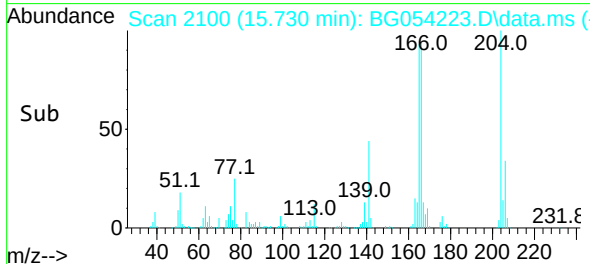


Tgt Ion:204 Resp: 15974
Ion Ratio Lower Upper
204 100
206 33.5 27.5 41.3
141 43.6 45.3 67.9

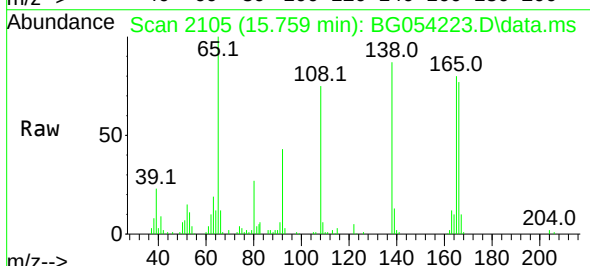
Manual Integrations

APPROVED

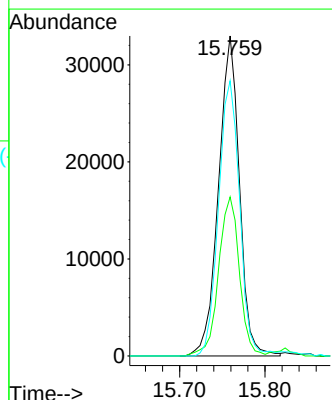
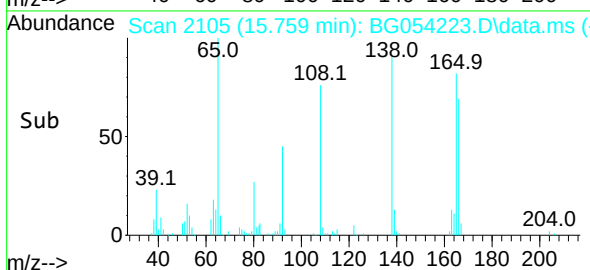
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

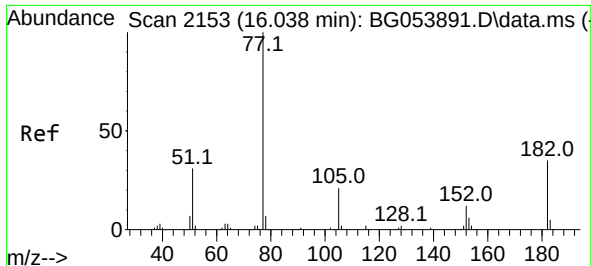


#62
4-Nitroaniline
Concen: 44.897 ng
RT: 15.759 min Scan# 2105
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:138 Resp: 56294
Ion Ratio Lower Upper
138 100
92 49.7 40.5 80.5
108 86.0 103.7 143.7





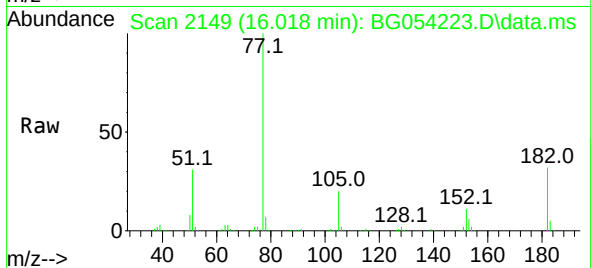
#63
Azobenzene
Concen: 42.946 ng
RT: 16.018 min Scan# 2153
Delta R.T. -0.008 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

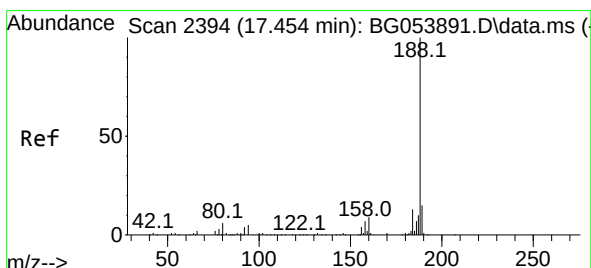
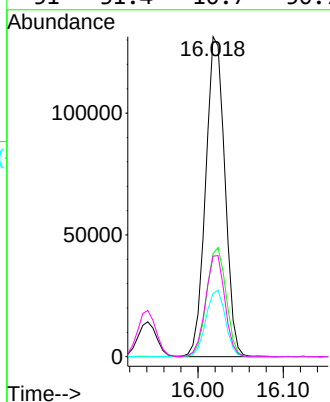
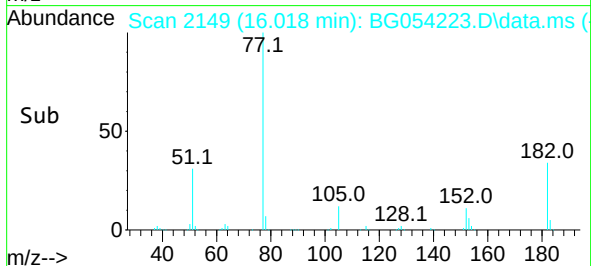


Tgt Ion: 77 Resp: 20563
Ion Ratio Lower Upper
77 100
182 32.2 3.8 43.8
105 19.8 0.0 37.8
51 31.4 10.7 50.7

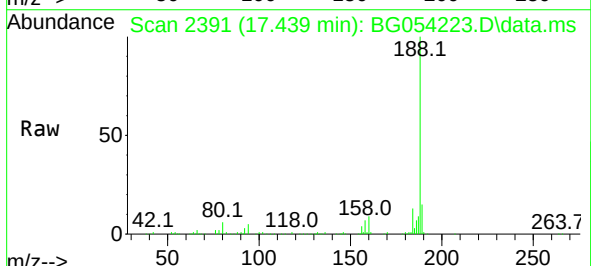
Manual Integrations

APPROVED

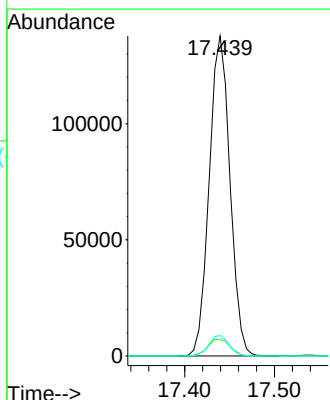
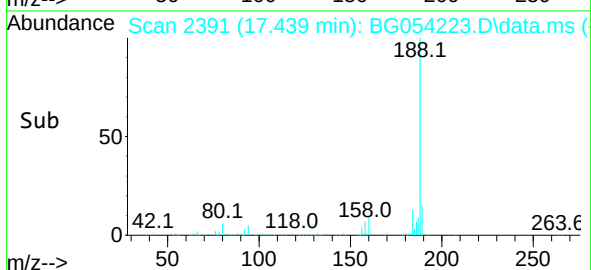
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

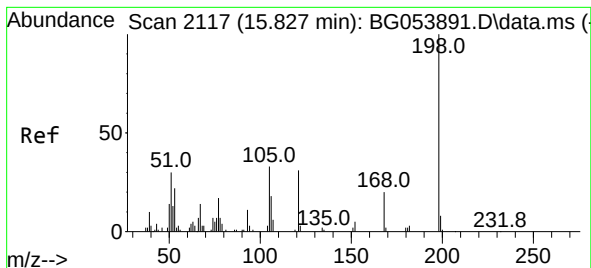


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2391
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:188 Resp: 220915
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.4 6.8 10.2#





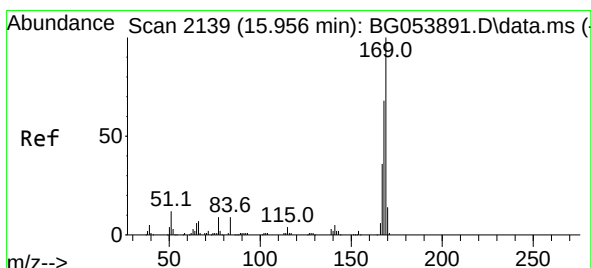
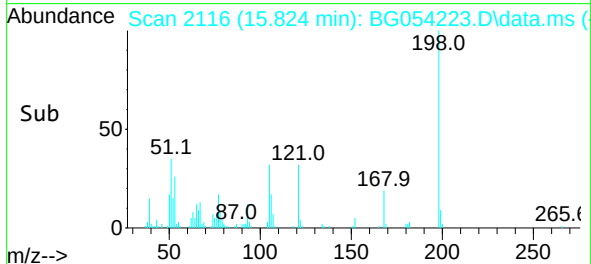
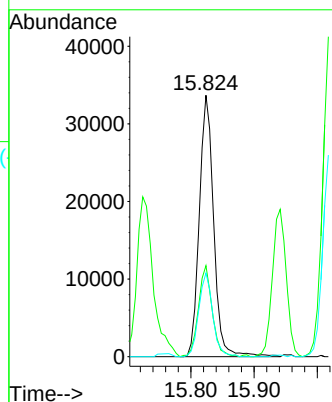
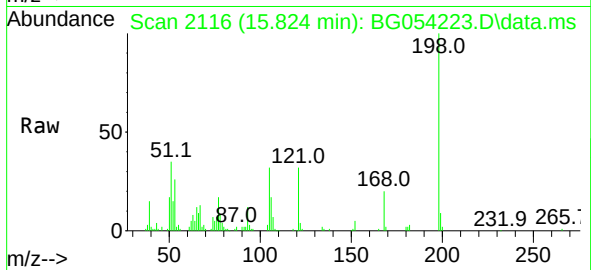
#65
4,6-Dinitro-2-methylphenol
Concen: 48.179 ng
RT: 15.824 min Scan# 2116
Delta R.T. 0.009 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :
BNA_G
ClientSampleId :
PB146067BS

Tgt Ion:198 Resp: 5310
Ion Ratio Lower Upper
198 100
51 34.8 28.1 68.1
105 32.0 20.3 60.3

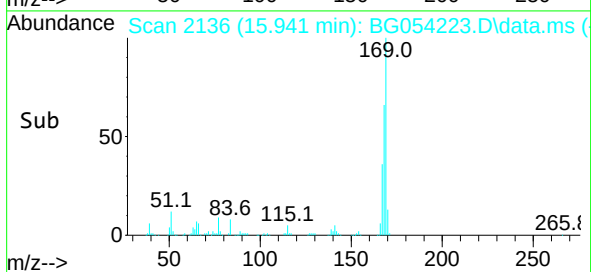
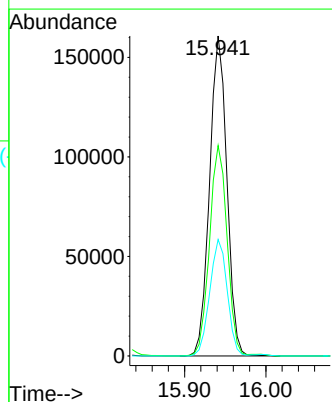
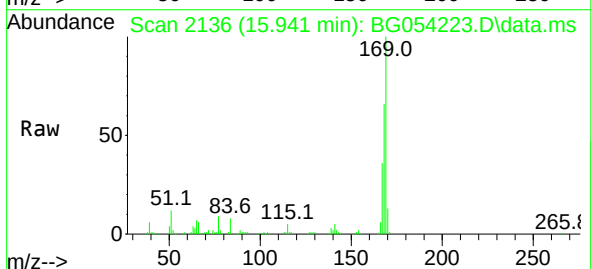
Manual Integrations
APPROVED

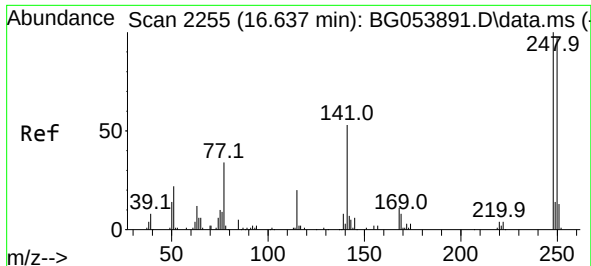
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#66
n-Nitrosodiphenylamine
Concen: 41.261 ng
RT: 15.941 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:169 Resp: 237561
Ion Ratio Lower Upper
169 100
168 65.8 55.9 83.9
167 36.4 30.6 46.0





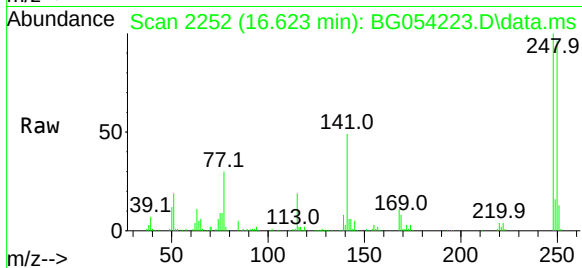
#67
4-Bromophenyl-phenylether
Concen: 43.101 ng
RT: 16.623 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

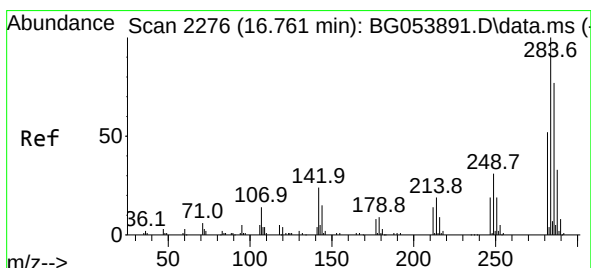
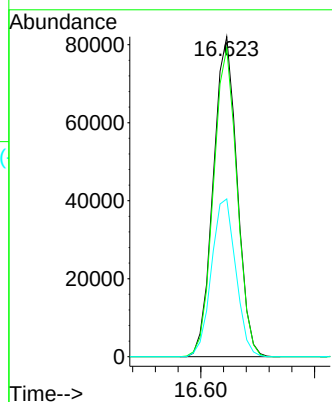
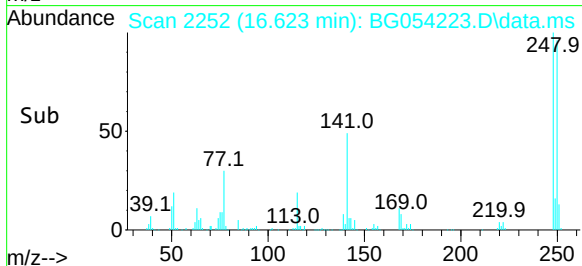


Tgt Ion:248 Resp: 118920
Ion Ratio Lower Upper
248 100
250 96.4 75.2 112.8
141 49.3 50.0 75.0

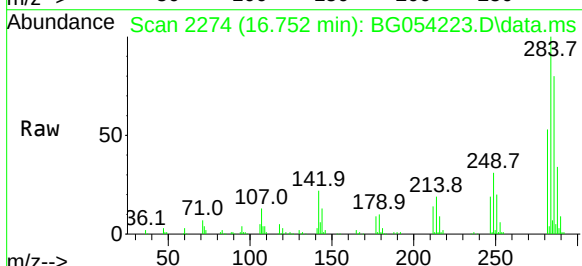
Manual Integrations

APPROVED

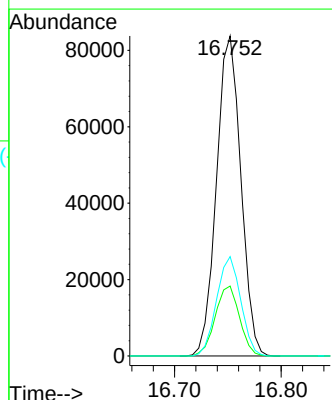
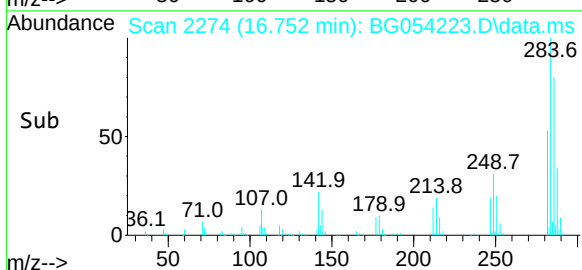
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

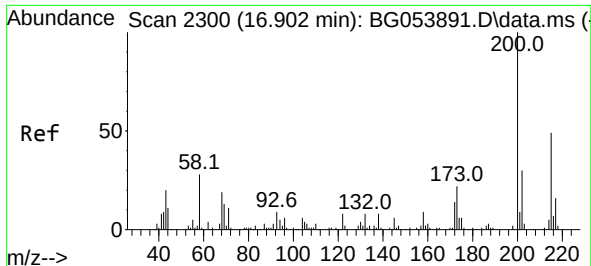


#68
Hexachlorobenzene
Concen: 42.064 ng
RT: 16.752 min Scan# 2274
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:284 Resp: 132760
Ion Ratio Lower Upper
284 100
142 21.9 23.6 35.4#
249 33.0 25.8 38.6





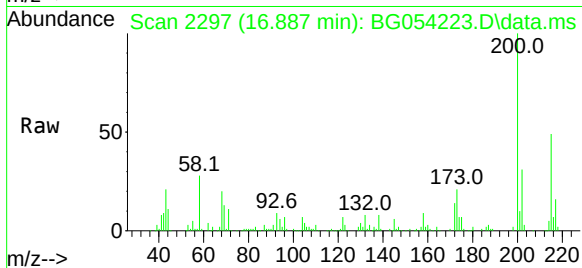
#69
 Atrazine
 Concen: 48.014 ng
 RT: 16.887 min Scan# 211
 Delta R.T. -0.002 min
 Lab File: BG054223.D
 Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

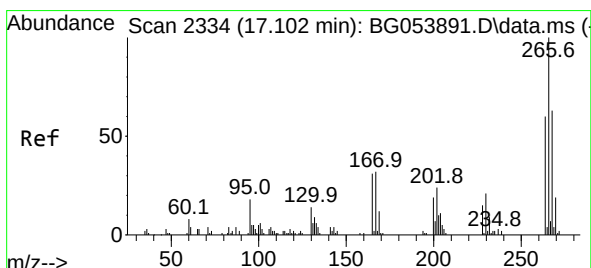
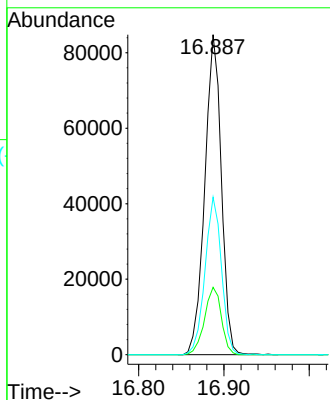
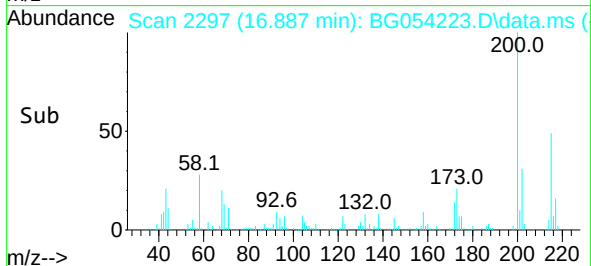


Tgt Ion:200 Resp: 114510
 Ion Ratio Lower Upper
 200 100
 173 21.0 3.7 43.7
 215 49.2 25.2 65.2

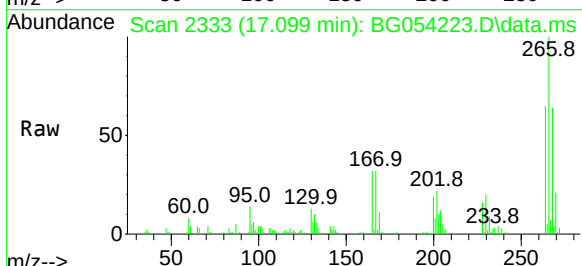
Manual Integrations

APPROVED

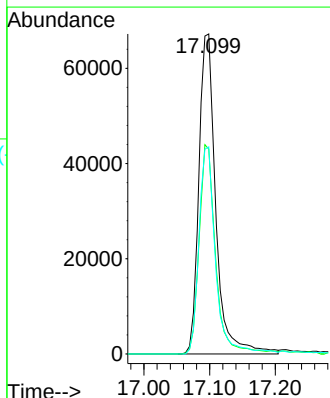
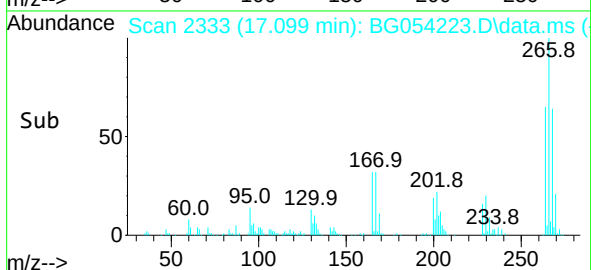
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

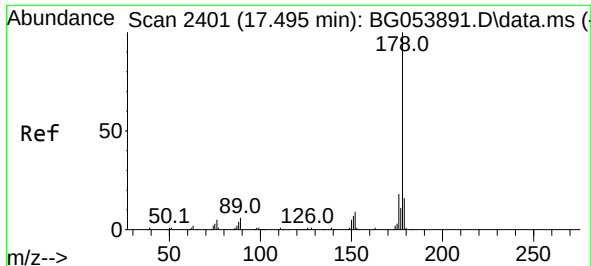


#70
 Pentachlorophenol
 Concen: 82.591 ng
 RT: 17.099 min Scan# 2333
 Delta R.T. 0.004 min
 Lab File: BG054223.D
 Acq: 7 Jul 2022 13:21



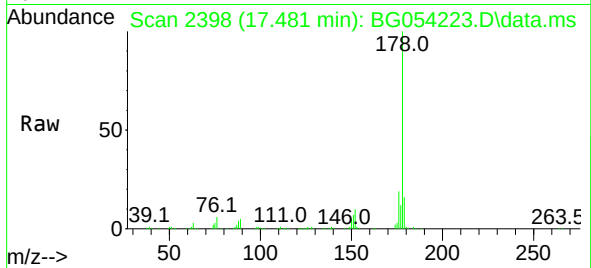
Tgt Ion:266 Resp: 121085
 Ion Ratio Lower Upper
 266 100
 268 68.4 56.2 84.2
 264 64.7 53.0 79.4





#71
Phenanthrene
Concen: 40.009 ng
RT: 17.481 min Scan# 2401
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

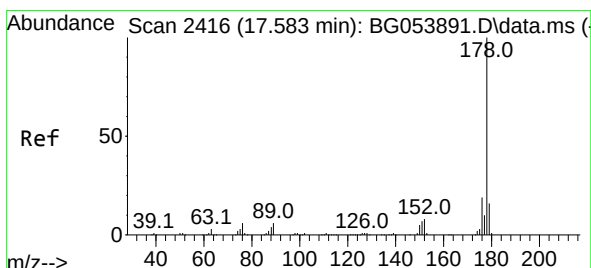
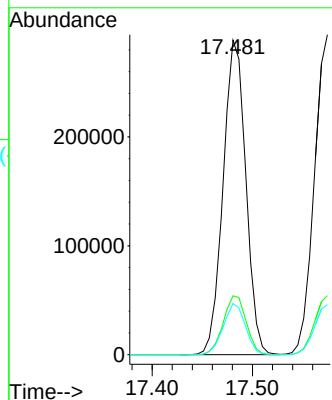
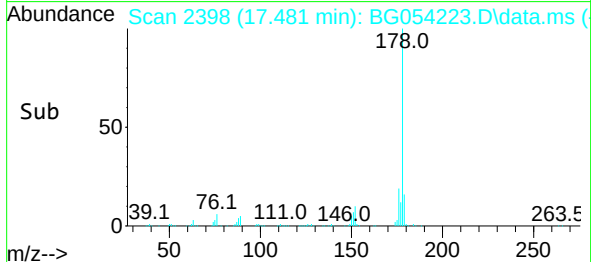
Instrument :
BNA_G
ClientSampleId :
PB146067BS



Tgt Ion:178 Resp: 45410
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 16.3 12.1 18.1

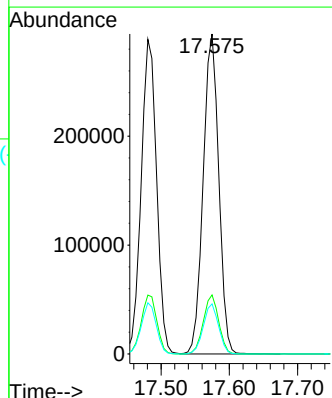
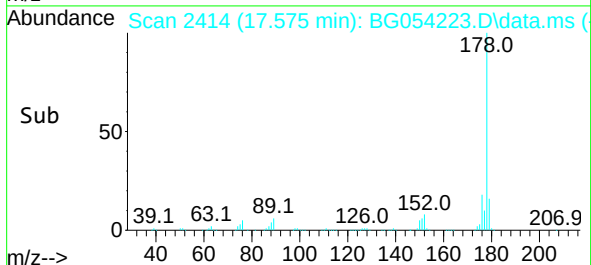
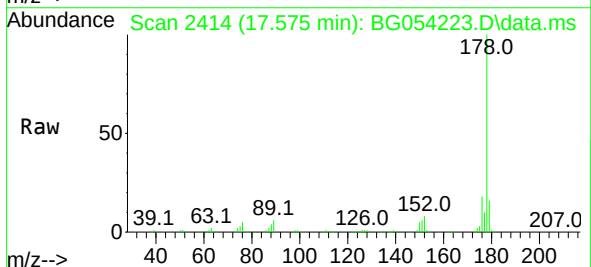
Manual Integrations
APPROVED

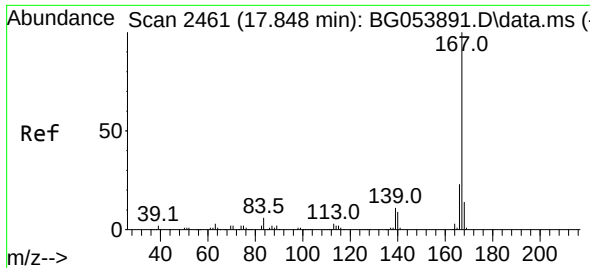
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#72
Anthracene
Concen: 42.073 ng
RT: 17.575 min Scan# 2414
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:178 Resp: 466319
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.7 13.0 19.4





#73
 Carbazole
 Concen: 42.053 ng
 RT: 17.839 min Scan# 2461
 Delta R.T. -0.002 min
 Lab File: BG054223.D
 Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

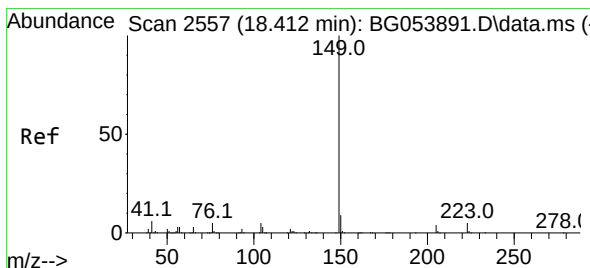
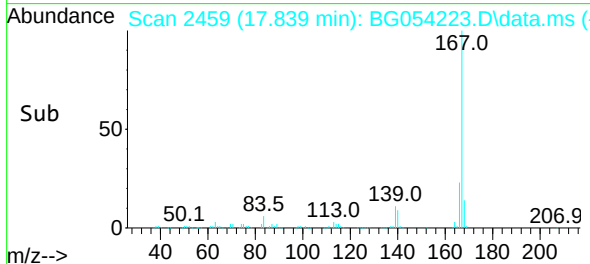
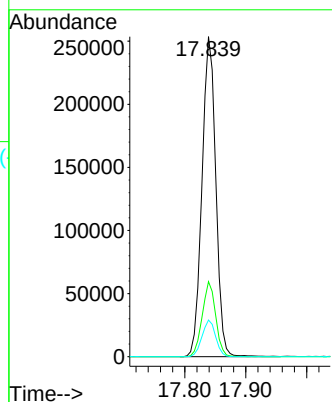
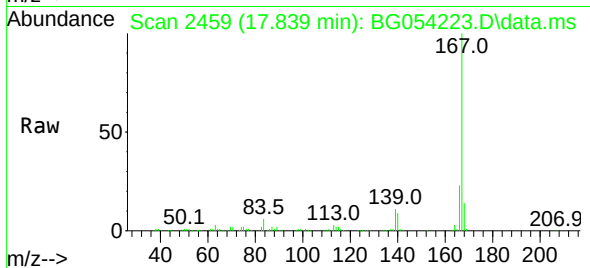
ClientSampleId :

PB146067BS

Tgt Ion:167 Resp: 400064
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.2
 139 11.5 10.1 15.1

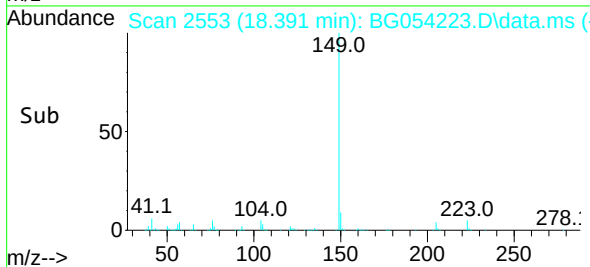
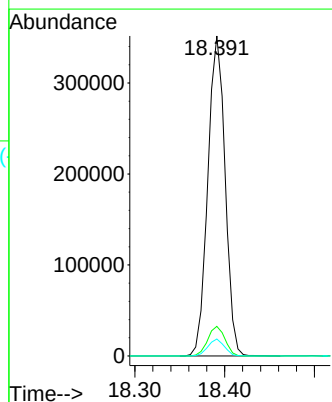
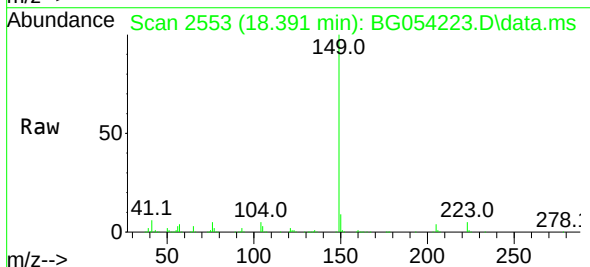
Manual Integrations
 APPROVED

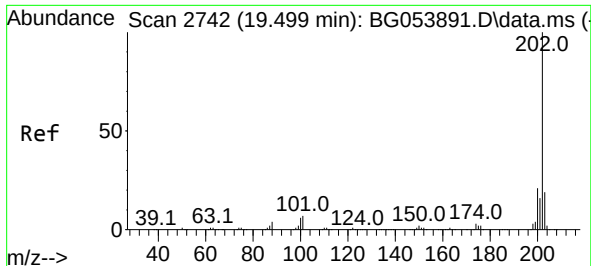
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022



#74
 Di-n-butylphthalate
 Concen: 42.727 ng
 RT: 18.391 min Scan# 2553
 Delta R.T. -0.008 min
 Lab File: BG054223.D
 Acq: 7 Jul 2022 13:21

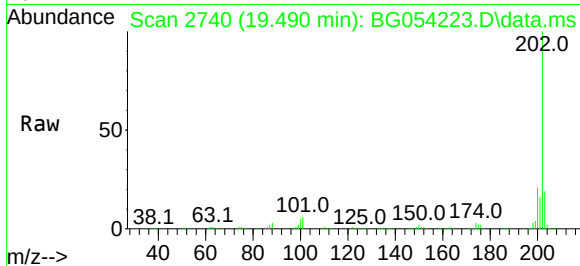
Tgt Ion:149 Resp: 469979
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.3 5.4 8.0#





#75
Fluoranthene
Concen: 40.051 ng
RT: 19.490 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

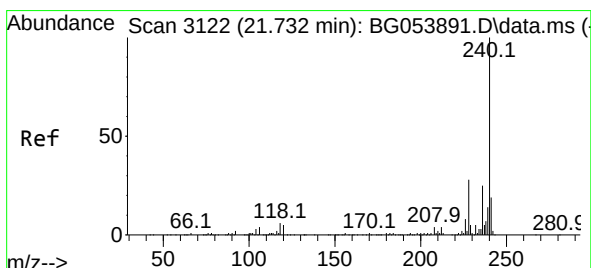
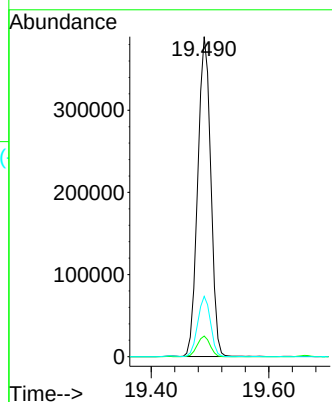
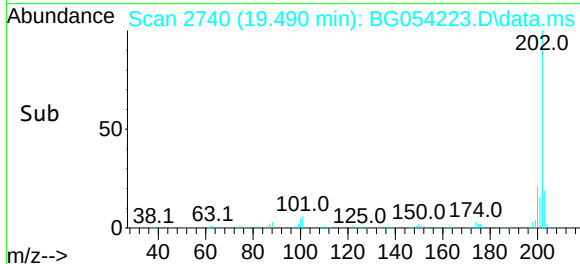
Instrument :
BNA_G
ClientSampleId :
PB146067BS



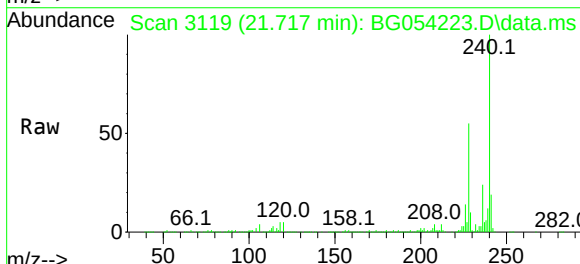
Tgt Ion:202 Resp: 596734
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.9
203 18.8 0.0 37.2

Manual Integrations
APPROVED

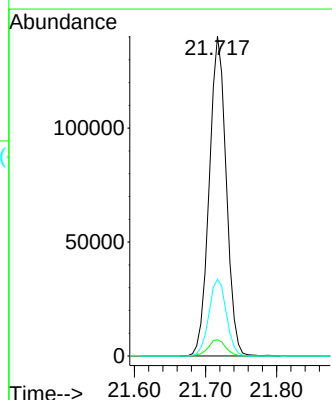
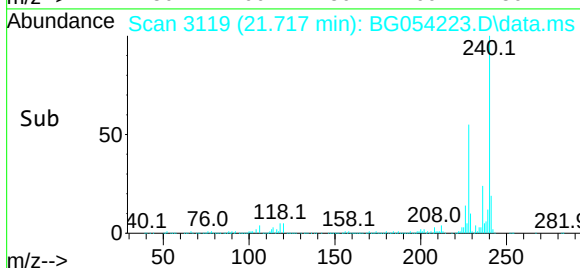
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

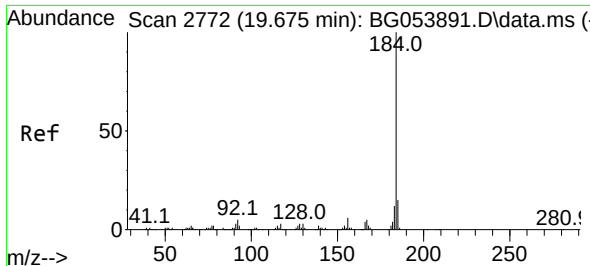


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.717 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



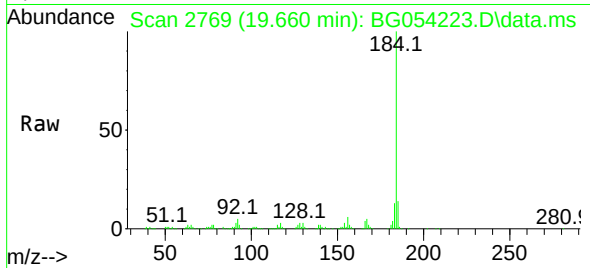
Tgt Ion:240 Resp: 233726
Ion Ratio Lower Upper
240 100
120 5.1 4.6 7.0
236 24.0 20.2 30.4





#77
Benzidine
Concen: 64.338 ng
RT: 19.660 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

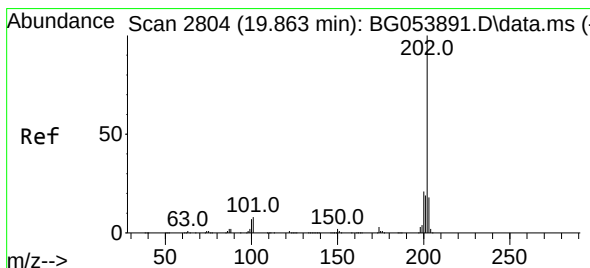
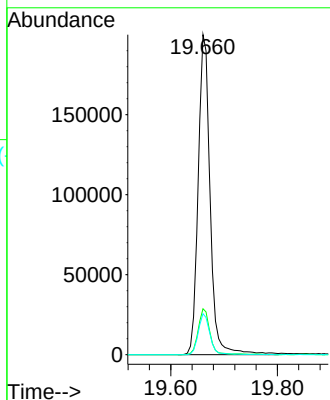
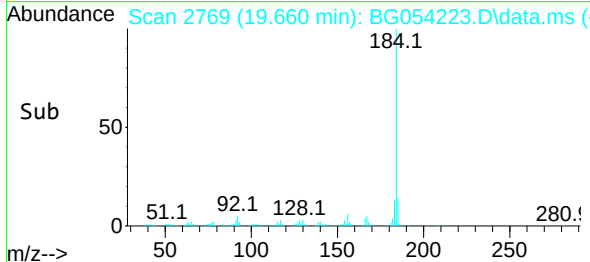
Instrument :
BNA_G
ClientSampleId :
PB146067BS



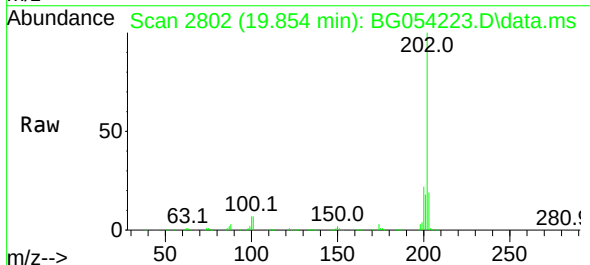
Tgt Ion:184 Resp: 31141
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 12.8 8.9 13.3

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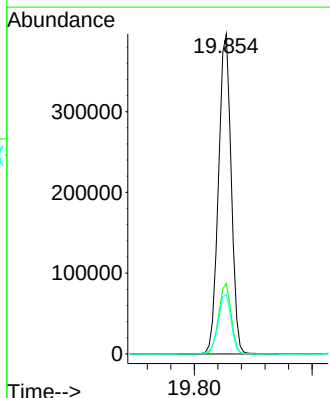
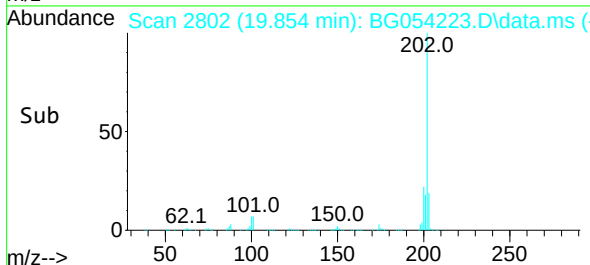
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

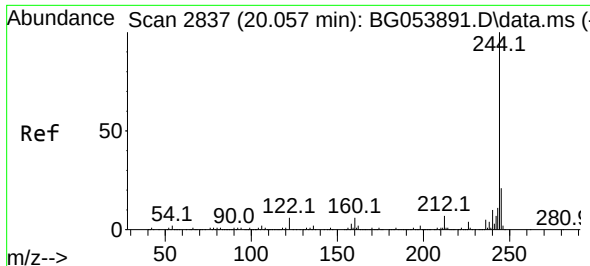


#78
Pyrene
Concen: 42.097 ng
RT: 19.854 min Scan# 2802
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:202 Resp: 594259
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 18.7 14.6 21.8





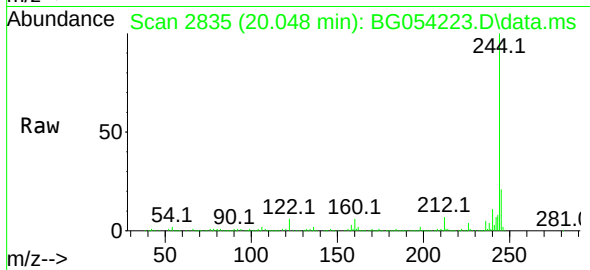
#79
Terphenyl-d14
Concen: 90.473 ng
RT: 20.048 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

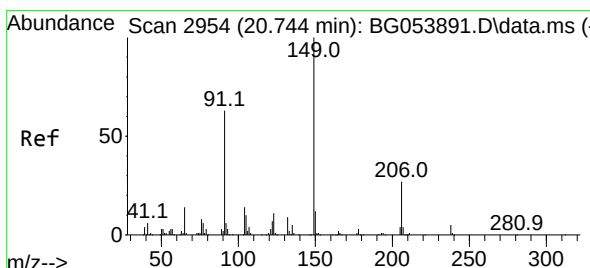
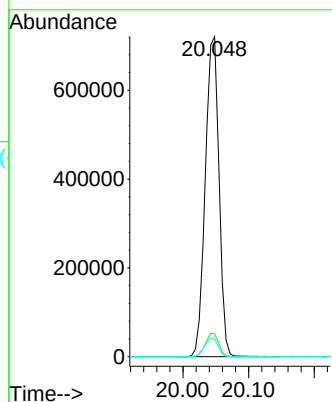
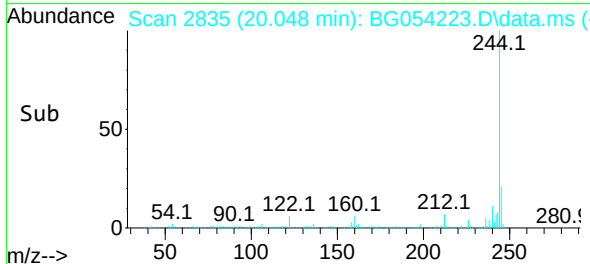


Tgt Ion:244 Resp: 1049900
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 5.5 5.0 7.4

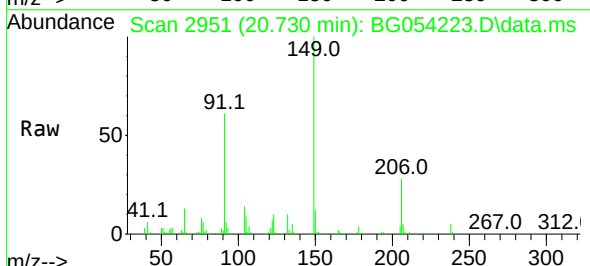
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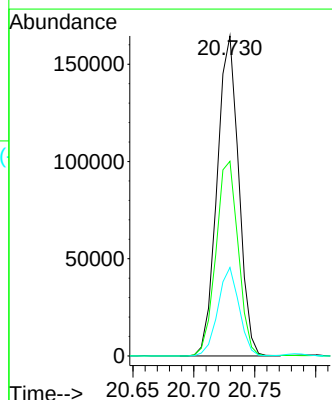
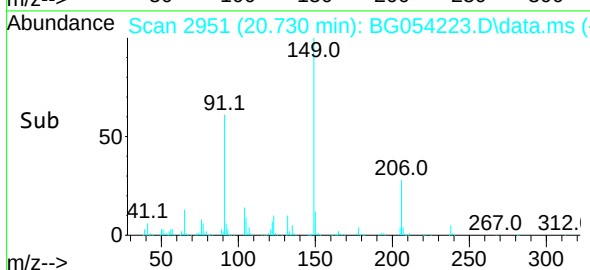
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

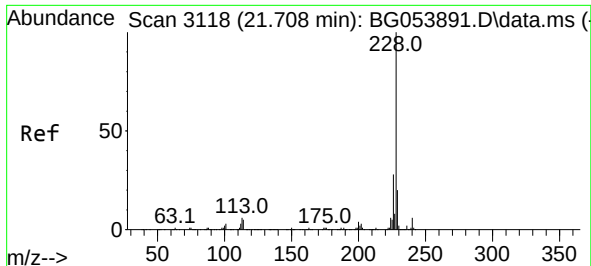


#80
Butylbenzylphthalate
Concen: 44.972 ng
RT: 20.730 min Scan# 2951
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



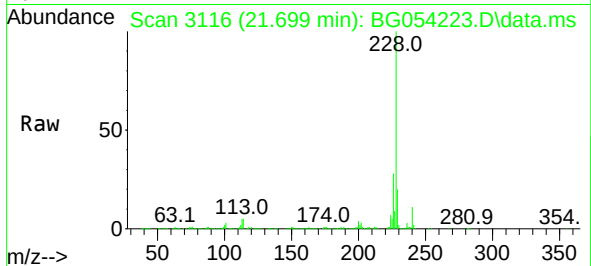
Tgt Ion:149 Resp: 203489
Ion Ratio Lower Upper
149 100
91 60.9 59.6 89.4
206 27.6 18.6 28.0





#81
Benzo(a)anthracene
Concen: 41.468 ng
RT: 21.699 min Scan# 3118
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

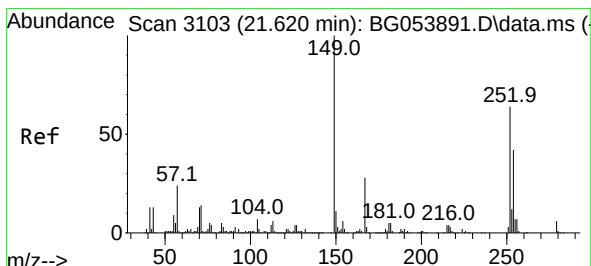
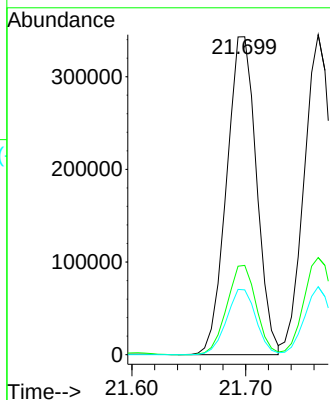
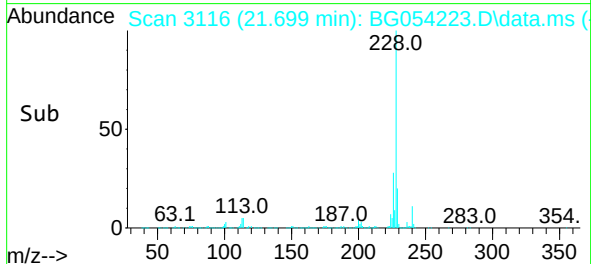
Instrument :
BNA_G
ClientSampleId :
PB146067BS



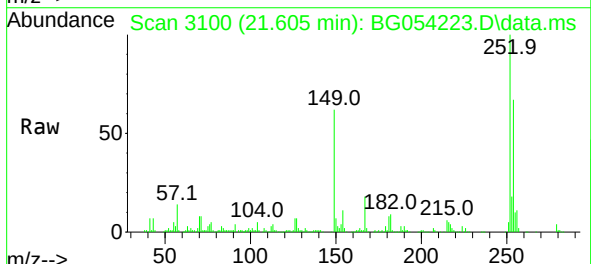
Tgt Ion:228 Resp: 62754
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 20.4 16.2 24.2

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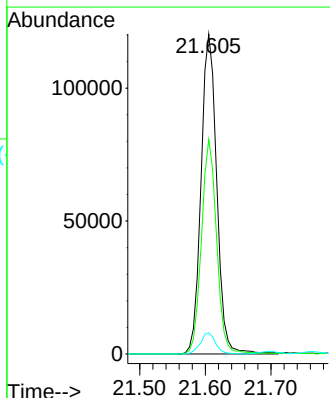
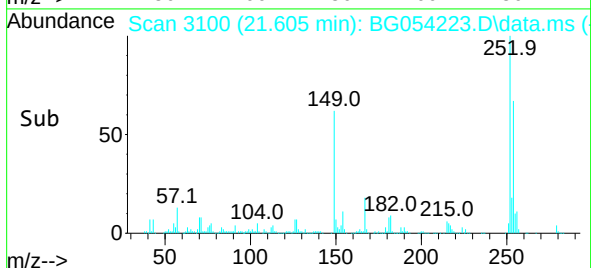
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

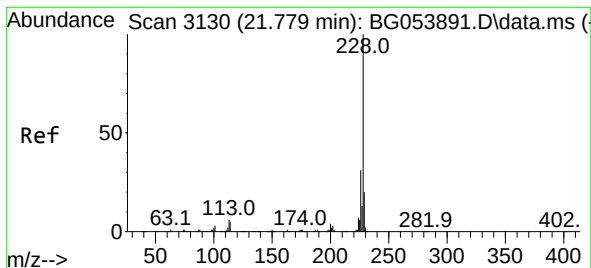


#82
3,3'-Dichlorobenzidine
Concen: 44.399 ng
RT: 21.605 min Scan# 3100
Delta R.T. -0.002 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21



Tgt Ion:252 Resp: 200743
Ion Ratio Lower Upper
252 100
254 67.0 49.8 74.8
126 6.6 6.0 9.0





#83

Chrysene

Concen: 40.603 ng

RT: 21.764 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG054223.D

Acq: 7 Jul 2022 13:21

Instrument :

BNA_G

ClientSampleId :

PB146067BS

Tgt Ion:228 Resp: 58570

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

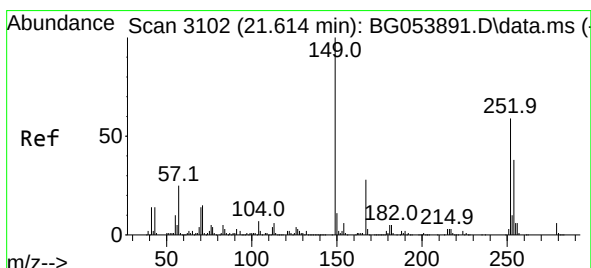
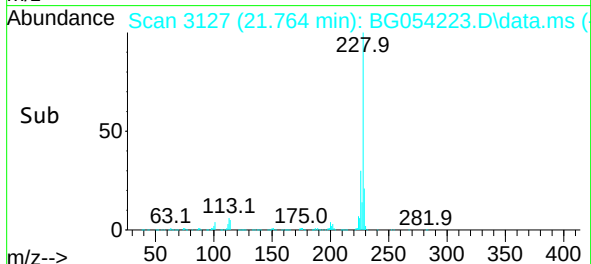
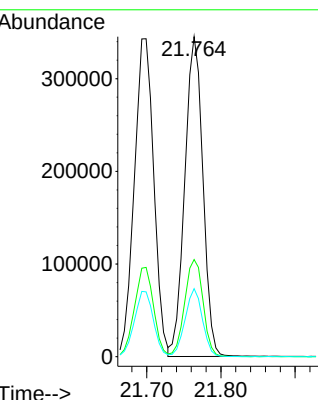
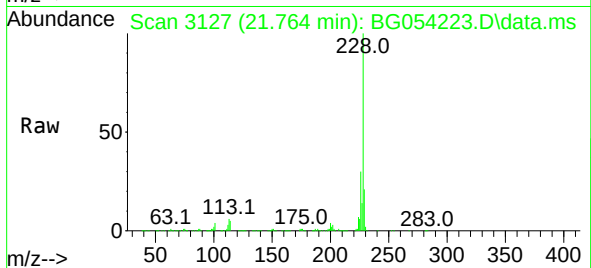
229 21.2 15.5 23.3

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: 45.014 ng

RT: 21.593 min Scan# 3098

Delta R.T. -0.008 min

Lab File: BG054223.D

Acq: 7 Jul 2022 13:21

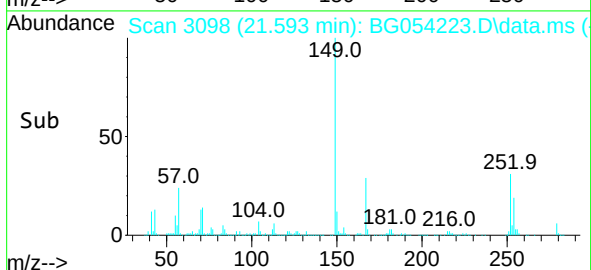
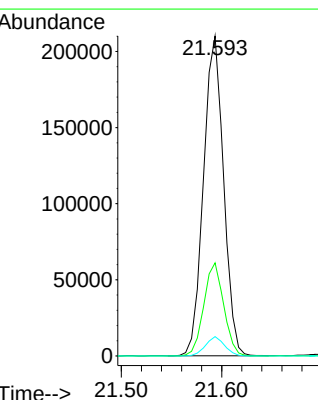
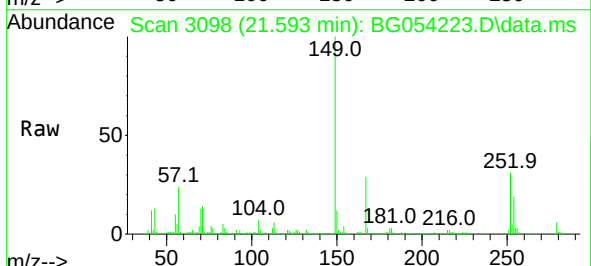
Tgt Ion:149 Resp: 291302

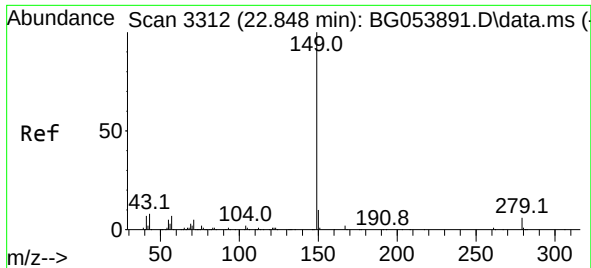
Ion Ratio Lower Upper

149 100

167 29.1 20.2 30.4

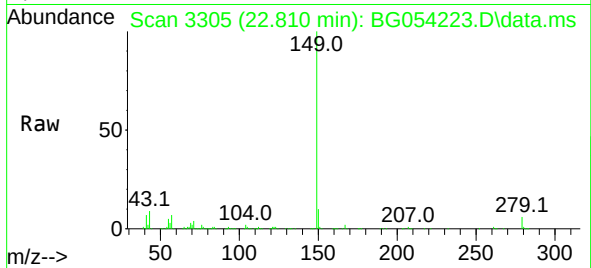
279 6.1 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 44.779 ng
RT: 22.810 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

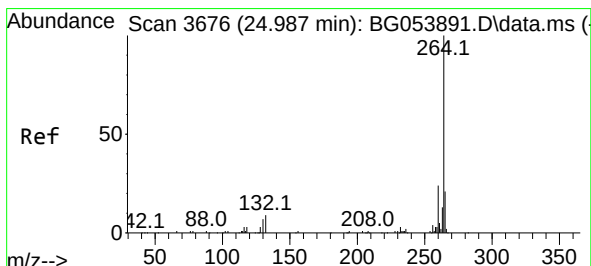
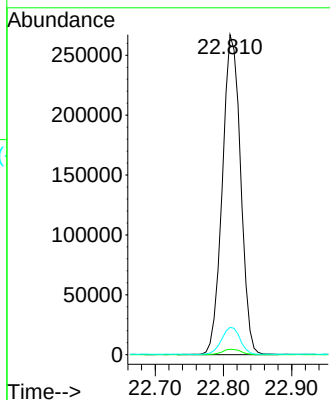
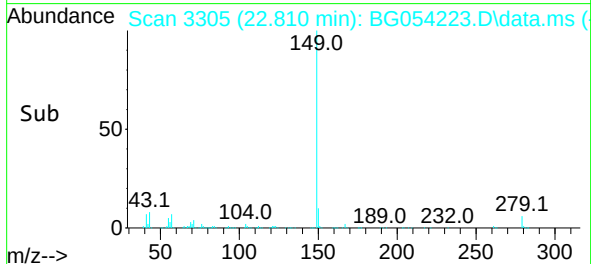
Instrument :
BNA_G
ClientSampleId :
PB146067BS



Tgt Ion:149 Resp: 498062
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.5 9.0 13.4

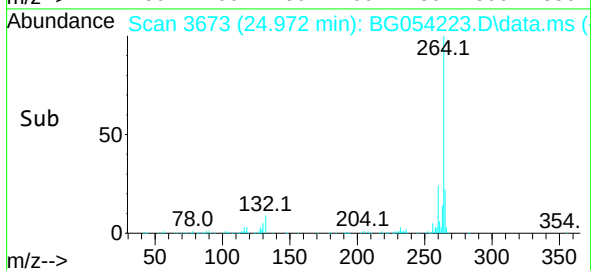
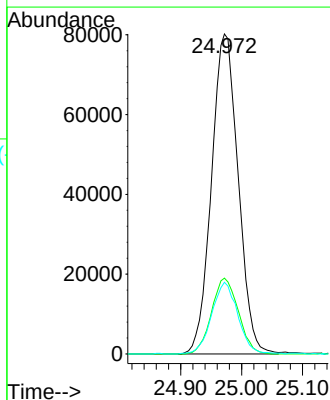
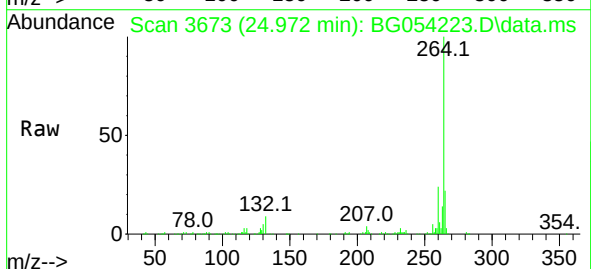
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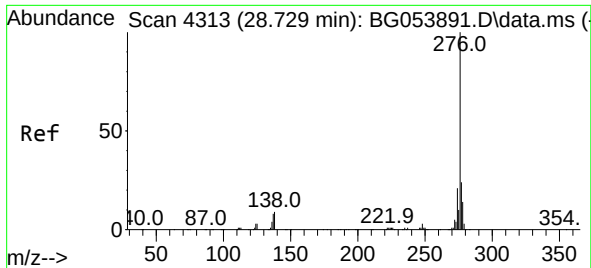
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.972 min Scan# 3673
Delta R.T. 0.009 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

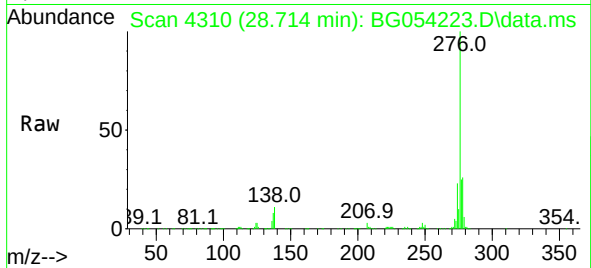
Tgt Ion:264 Resp: 244217
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.4 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.971 ng
 RT: 28.714 min Scan# 41
 Delta R.T. 0.027 min
 Lab File: BG054223.D
 Acq: 7 Jul 2022 13:21

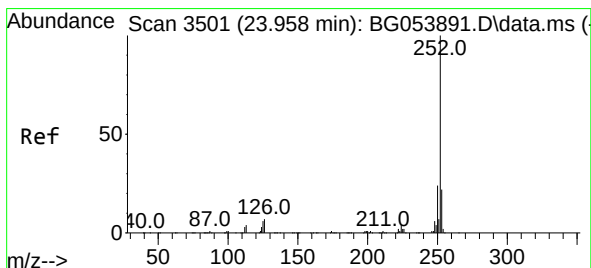
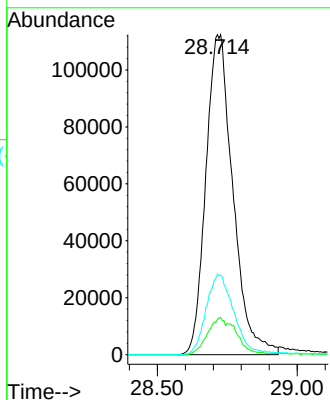
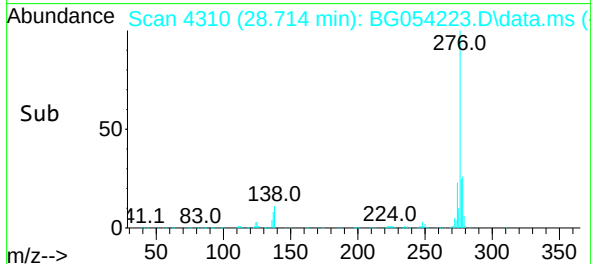
Instrument :
 BNA_G
 ClientSampleId :
 PB146067BS



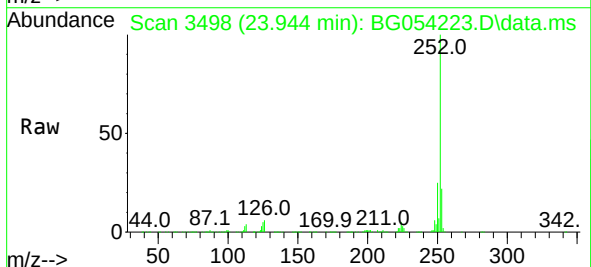
Tgt Ion:276 Resp: 75509
 Ion Ratio Lower Upper
 276 100
 138 12.4 5.0 7.4
 277 25.7 20.3 30.5

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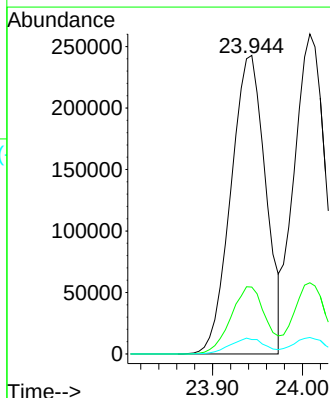
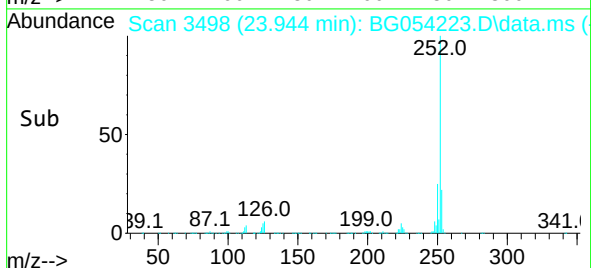
Reviewed By :Christian Giraldo 07/08/2022
 Supervised By :Jagrut Upadhyay 07/08/2022

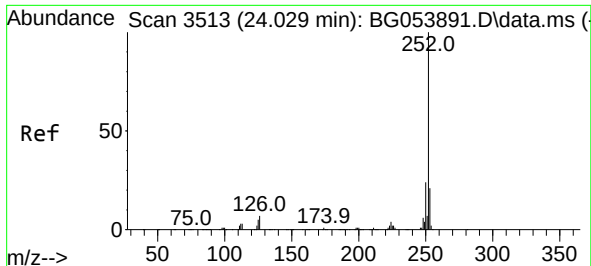


#88
 Benzo(b)fluoranthene
 Concen: 44.015 ng
 RT: 23.944 min Scan# 3498
 Delta R.T. 0.009 min
 Lab File: BG054223.D
 Acq: 7 Jul 2022 13:21



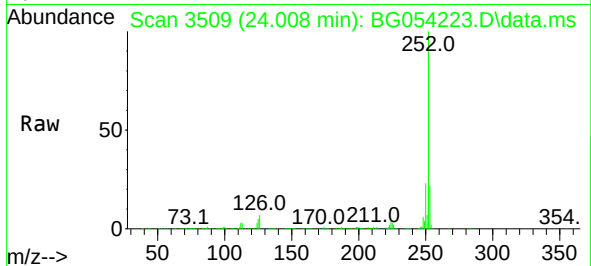
Tgt Ion:252 Resp: 653586
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 4.8 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 43.367 ng
RT: 24.008 min Scan# 3513
Delta R.T. 0.004 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

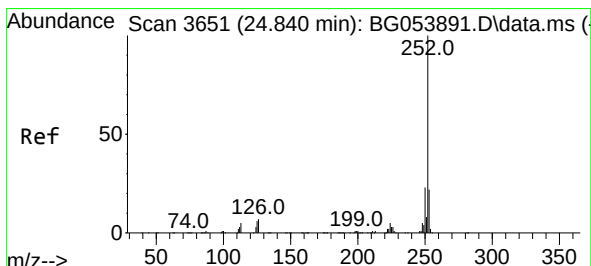
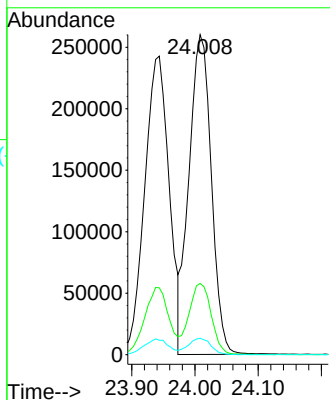
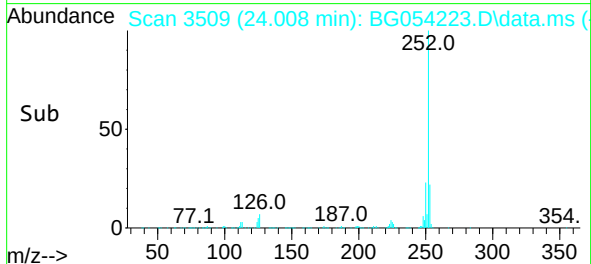
Instrument :
BNA_G
ClientSampleId :
PB146067BS



Tgt Ion:252 Resp: 63758
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 5.2 4.8 7.2

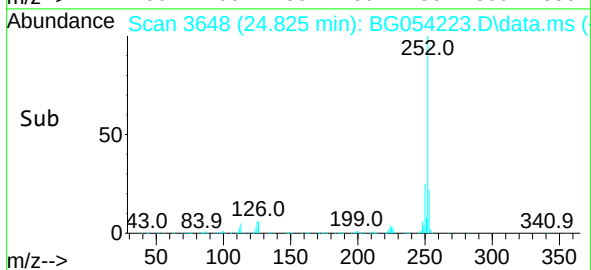
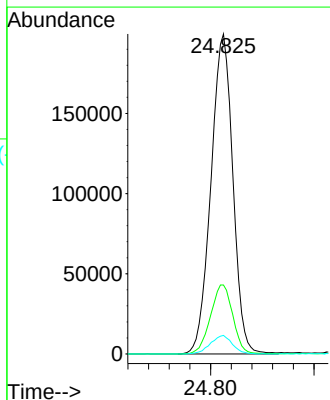
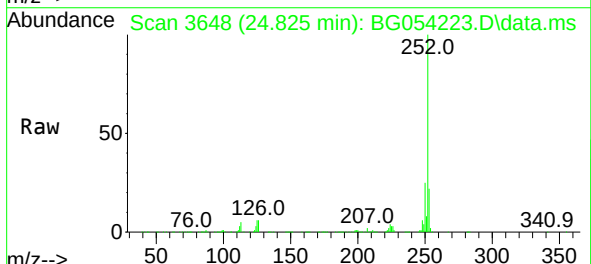
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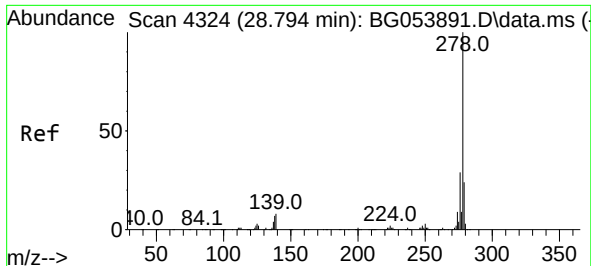
Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022



#90
Benzo(a)pyrene
Concen: 46.831 ng
RT: 24.825 min Scan# 3648
Delta R.T. 0.009 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

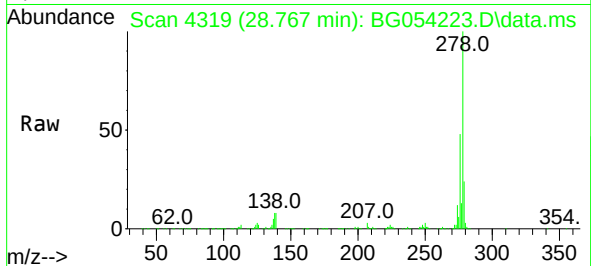
Tgt Ion:252 Resp: 586721
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 5.8 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 43.202 ng
RT: 28.767 min Scan# 41
Delta R.T. 0.021 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

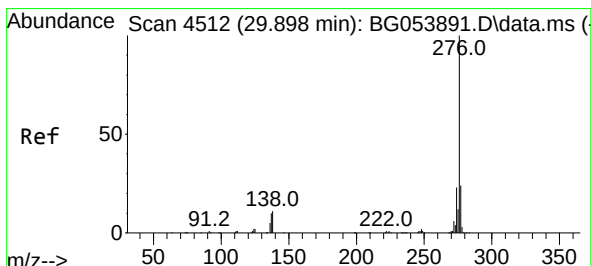
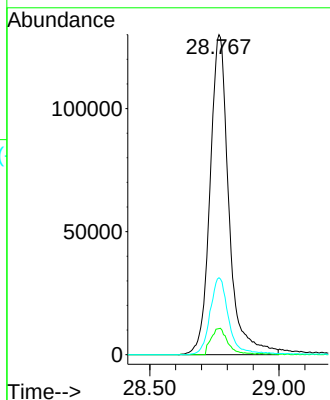
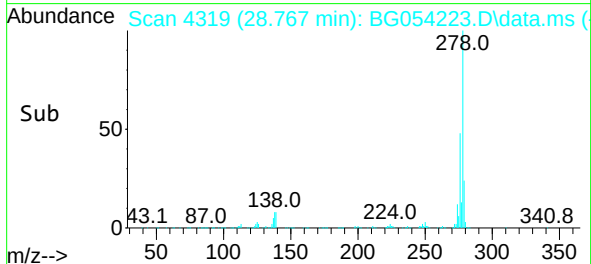
Instrument :
BNA_G
ClientSampleId :
PB146067BS



Tgt Ion:278 Resp: 65839
Ion Ratio Lower Upper
278 100
139 8.1 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: 42.896 ng
RT: 29.884 min Scan# 4509
Delta R.T. 0.021 min
Lab File: BG054223.D
Acq: 7 Jul 2022 13:21

Tgt Ion:276 Resp: 645152
Ion Ratio Lower Upper
276 100
277 24.3 17.3 25.9
138 9.8 9.6 14.4

