

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054169.D
 Acq On : 30 Jun 2022 14:45
 Operator : CG/JU
 Sample : PB145884BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145884BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/01/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 04:04:12 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	17361	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	75384	20.000	ng	0.00
39) Acenaphthene-d10	14.690	164	62111	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	172022	20.000	ng	# 0.00
76) Chrysene-d12	21.711	240	195564	20.000	ng	0.00
86) Perylene-d12	24.966	264	198346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	117023	128.874	ng	0.00
7) Phenol-d6	7.228	99	159771	129.702	ng	0.00
23) Nitrobenzene-d5	9.225	82	102630	76.507	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	133634	133.912	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	307241	71.931	ng	0.00
79) Terphenyl-d14	20.042	244	789510	81.310	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.514	88	10932	27.540	ng	# 89
3) Pyridine	3.914	79	27463	25.927	ng	95
4) n-Nitrosodimethylamine	3.826	42	21163	45.421	ng	# 87
6) Aniline	7.386	93	54663	37.428	ng	96
8) 2-Chlorophenol	7.633	128	47166	48.647	ng	93
9) Benzaldehyde	7.198	77	8551m	11.762	ng	
10) Phenol	7.257	94	59309	47.508	ng	98
11) bis(2-Chloroethyl)ether	7.480	93	39526	41.250	ng	94
12) 1,3-Dichlorobenzene	7.956	146	48558	39.969	ng	90
13) 1,4-Dichlorobenzene	8.097	146	50848	41.666	ng	94
14) 1,2-Dichlorobenzene	8.420	146	49252	42.041	ng	98
15) Benzyl Alcohol	8.297	79	44723	48.577	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.585	45	58934	41.143	ng	98
17) 2-Methylphenol	8.509	107	41038	47.321	ng	93
18) Hexachloroethane	9.155	117	17129	42.310	ng	# 67
19) n-Nitroso-di-n-propyla...	8.867	70	35966	43.459	ng	94
20) 3+4-Methylphenols	8.838	107	56909	46.792	ng	97
22) Acetophenone	8.885	105	71064	38.782	ng	# 98
24) Nitrobenzene	9.267	77	52128	39.462	ng	# 87
25) Isophorone	9.789	82	101951	40.694	ng	95
26) 2-Nitrophenol	9.983	139	27082	46.417	ng	88
27) 2,4-Dimethylphenol	10.042	122	47013	49.783	ng	92
28) bis(2-Chloroethoxy)met...	10.271	93	57432	42.553	ng	# 97
29) 2,4-Dichlorophenol	10.524	162	56899	44.938	ng	89
30) 1,2,4-Trichlorobenzene	10.735	180	61630	39.310	ng	95
31) Naphthalene	10.923	128	141723	37.241	ng	99
32) Benzoic acid	10.183	122	26819	61.145	ng	# 78
33) 4-Chloroaniline	11.029	127	47608	30.155	ng	93
34) Hexachlorobutadiene	11.211	225	47775	39.635	ng	97
35) Caprolactam	11.793	113	18546m	53.207	ng	
36) 4-Chloro-3-methylphenol	12.151	107	57736	46.907	ng	87
37) 2-Methylnaphthalene	12.527	142	110468	39.234	ng	96
38) 1-Methylnaphthalene	12.745	142	106650	38.901	ng	99
40) 1,2,4,5-Tetrachloroben...	12.892	216	89899	37.563	ng	# 96
41) Hexachlorocyclopentadiene	12.874	237	81990	73.572	ng	97
43) 2,4,6-Trichlorophenol	13.133	196	58375	43.422	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.209	196	64779	43.155	ng	# 92
46) 1,1'-Biphenyl	13.526	154	162591	37.581	ng	97
47) 2-Chloronaphthalene	13.573	162	131007	37.416	ng	97
48) 2-Nitroaniline	13.767	65	42276	45.390	ng	90
49) Acenaphthylene	14.413	152	216972	39.852	ng	99
50) Dimethylphthalate	14.143	163	191132	40.406	ng	99
51) 2,6-Dinitrotoluene	14.261	165	42800	44.783	ng	# 79
52) Acenaphthene	14.754	154	155694m	44.862	ng	
53) 3-Nitroaniline	14.590	138	32011	34.572	ng	92
54) 2,4-Dinitrophenol	14.801	184	54772	101.760	ng	# 80
55) Dibenzofuran	15.089	168	219220	39.205	ng	94
56) 4-Nitrophenol	14.907	139	64475	98.081	ng	86
57) 2,4-Dinitrotoluene	15.048	165	63825	47.287	ng	# 86
58) Fluorene	15.735	166	182131	39.671	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.318	232	65048	44.312	ng	# 89
60) Diethylphthalate	15.500	149	192705	42.067	ng	96
61) 4-Chlorophenyl-phenyle...	15.724	204	114377	41.614	ng	90
62) 4-Nitroaniline	15.753	138	40546	41.991	ng	85
63) Azobenzene	16.017	77	147408	39.976	ng	89
65) 4,6-Dinitro-2-methylph...	15.818	198	41828	48.738	ng	84
66) n-Nitrosodiphenylamine	15.941	169	172506	38.478	ng	96
67) 4-Bromophenyl-phenylether	16.623	248	84355	39.263	ng	# 93
68) Hexachlorobenzene	16.746	284	96352	39.205	ng	# 92
69) Atrazine	16.887	200	80832	43.524	ng	94
70) Pentachlorophenol	17.093	266	106525	93.311	ng	98
71) Phenanthrene	17.480	178	336655	38.092	ng	97
72) Anthracene	17.569	178	342040	39.632	ng	99
73) Carbazole	17.839	167	303736	41.002	ng	98
74) Di-n-butylphthalate	18.391	149	350735	40.949	ng	# 98
75) Fluoranthene	19.490	202	459208	39.580	ng	97
77) Benzidine	19.660	184	158548	39.148	ng	98
78) Pyrene	19.848	202	462698	39.173	ng	98
80) Butylbenzylphthalate	20.730	149	156667	41.381	ng	# 88
81) Benzo(a)anthracene	21.693	228	502632	39.695	ng	98
82) 3,3'-Dichlorobenzidine	21.605	252	150660	39.824	ng	# 97
83) Chrysene	21.758	228	463554	38.406	ng	97
84) Bis(2-ethylhexyl)phtha...	21.593	149	228198	42.144	ng	# 95
85) Di-n-octyl phthalate	22.815	149	390165	41.923	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.697	276	591565	39.522	ng	99
88) Benzo(b)fluoranthene	23.932	252	526711	43.674	ng	99
89) Benzo(k)fluoranthene	24.002	252	493347	41.317	ng	97
90) Benzo(a)pyrene	24.813	252	498254	48.967	ng	99
91) Dibenzo(a,h)anthracene	28.755	278	524863	42.405	ng	# 98
92) Benzo(g,h,i)perylene	29.854	276	513056	42.002	ng	# 95

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

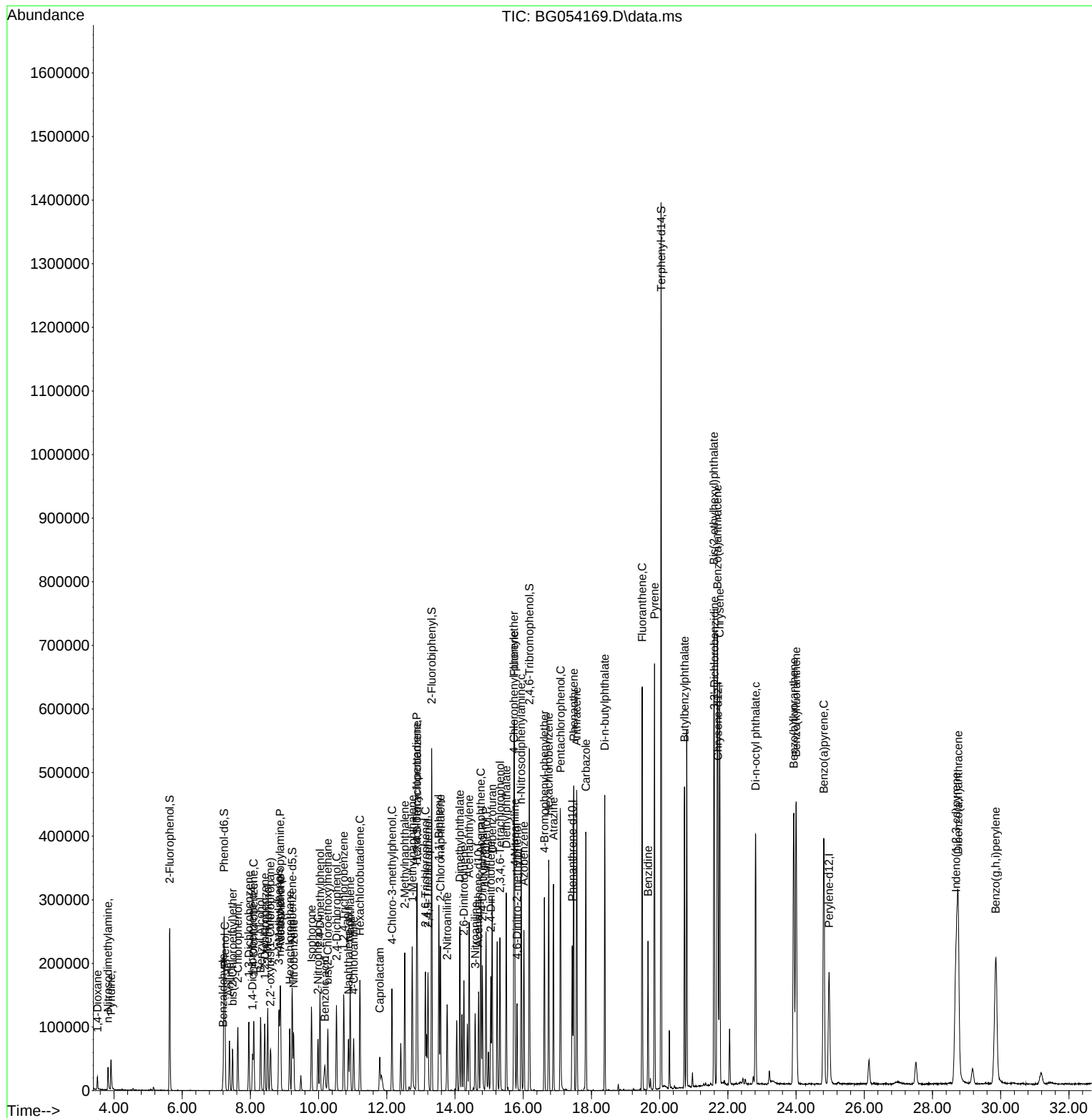
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ALS Vial  : 5    Sample Multiplier: 1
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.062 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

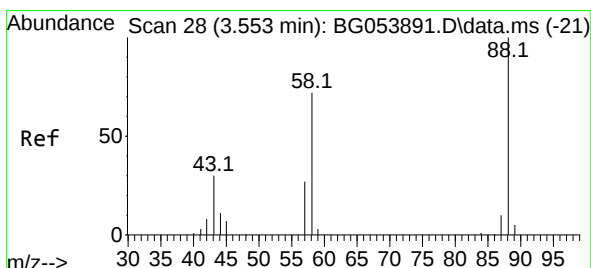
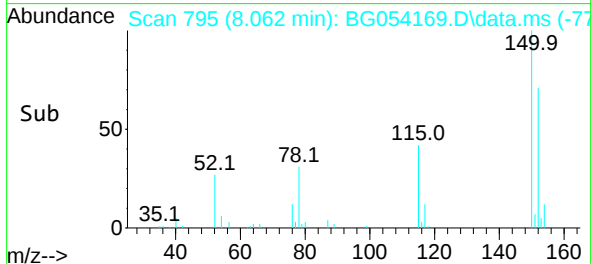
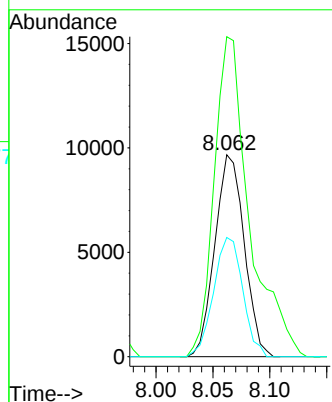
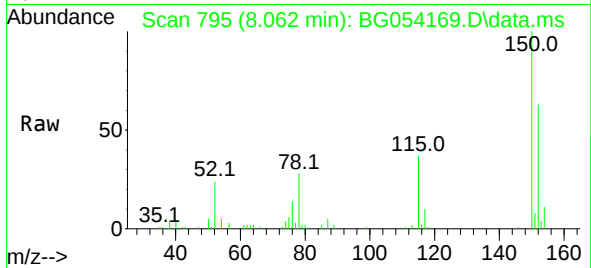
ClientSampleId :

PB145884BS

Tgt Ion:152 Resp: 1736
Ion Ratio Lower Upper
152 100
150 158.4 131.6 197.4
115 59.0 50.9 76.3

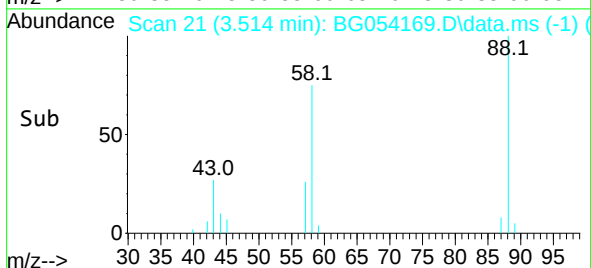
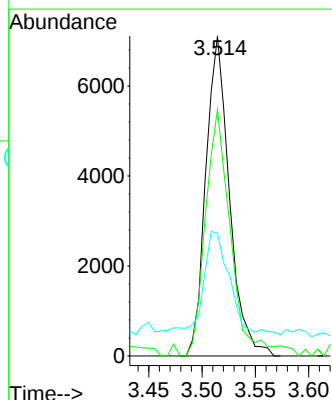
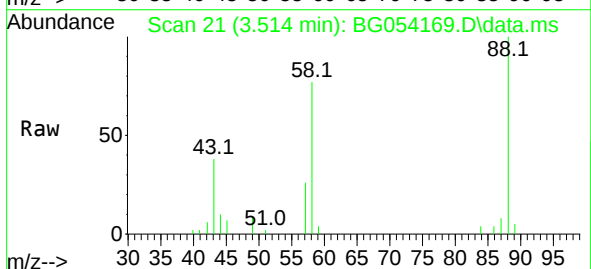
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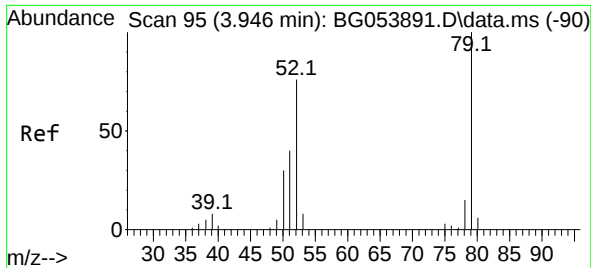
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#2
1,4-Dioxane
Concen: 27.540 ng
RT: 3.514 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 88 Resp: 10932
Ion Ratio Lower Upper
88 100
58 82.8 59.2 88.8
43 37.3 24.3 36.5





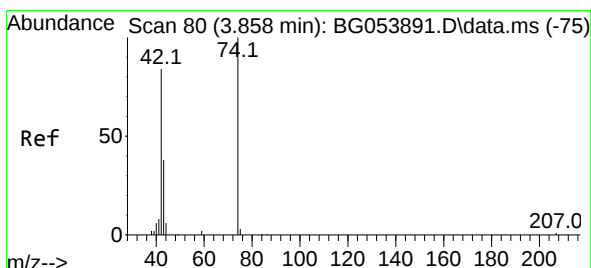
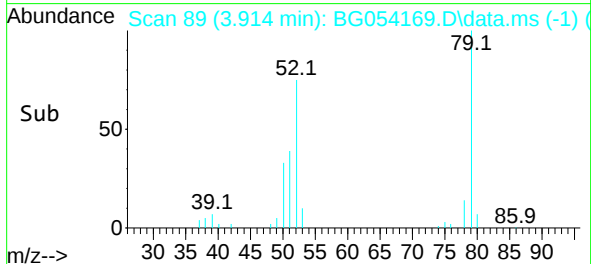
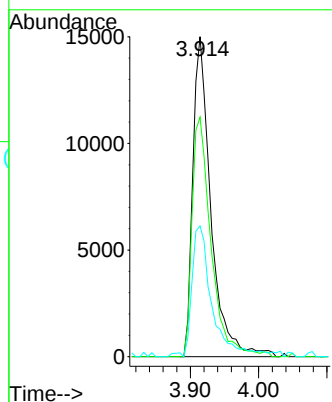
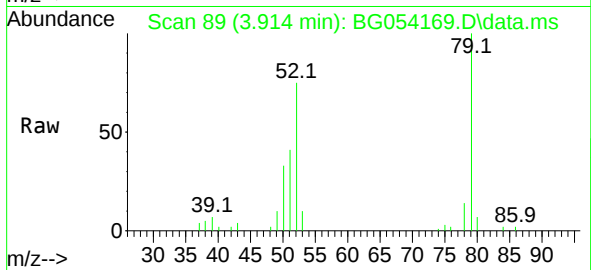
#3
Pyridine
Concen: 25.927 ng
RT: 3.914 min Scan# 89
Delta R.T. -0.014 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :
BNA_G
ClientSampleId :
PB145884BS

Tgt Ion: 79 Resp: 2746
Ion Ratio Lower Upper
79 100
52 74.9 54.6 81.8
51 40.9 32.5 48.7

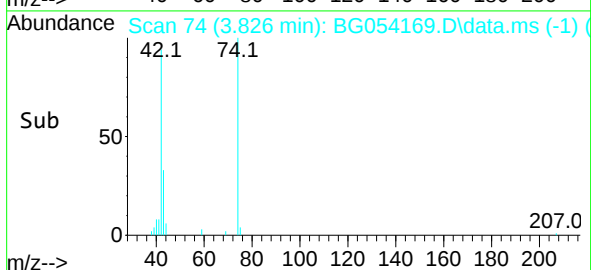
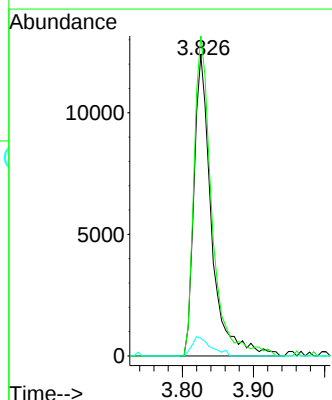
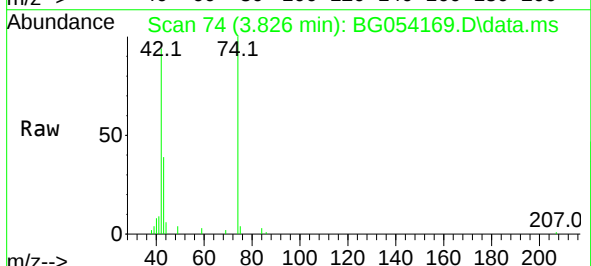
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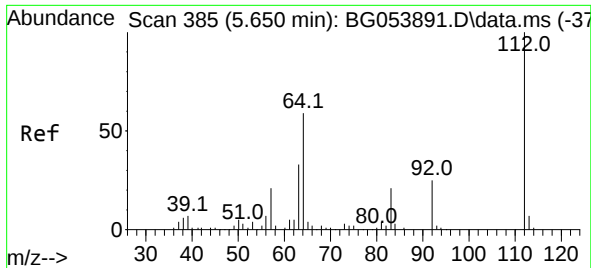
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#4
n-Nitrosodimethylamine
Concen: 45.421 ng
RT: 3.826 min Scan# 74
Delta R.T. -0.014 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 42 Resp: 21163
Ion Ratio Lower Upper
42 100
74 106.3 97.0 145.4
44 5.9 7.0 10.4





#5
2-Fluorophenol
Concen: 128.874 ng
RT: 5.636 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

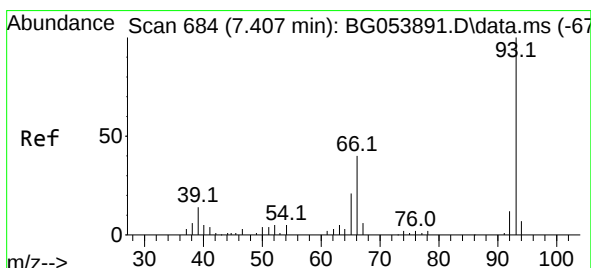
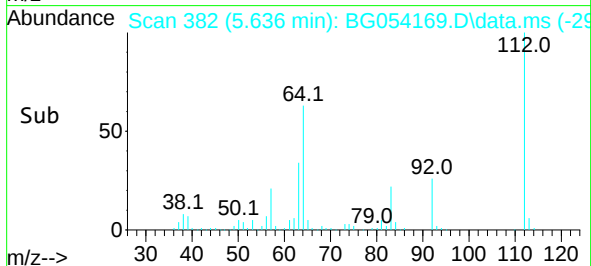
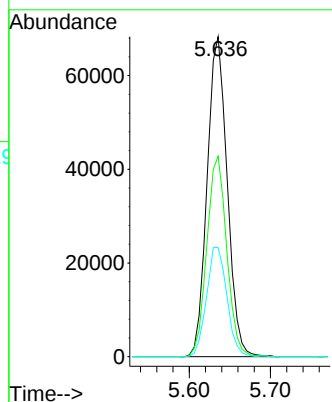
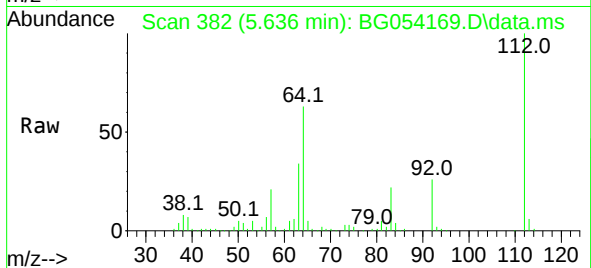
ClientSampleId :

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Tgt Ion:112 Resp: 11702
Ion Ratio Lower Upper
112 100
64 62.7 55.1 82.7
63 34.1 30.4 45.6

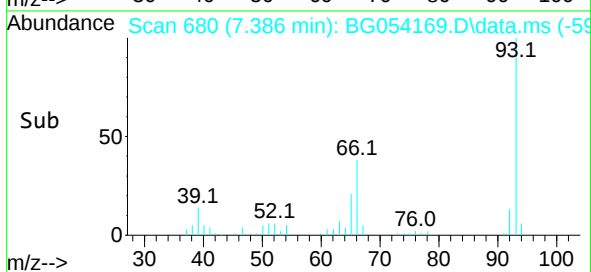
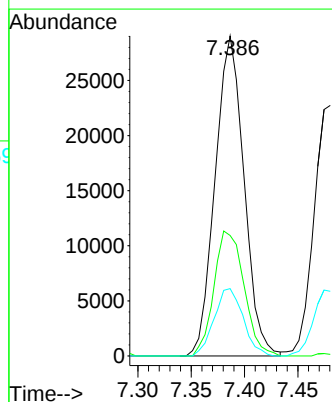
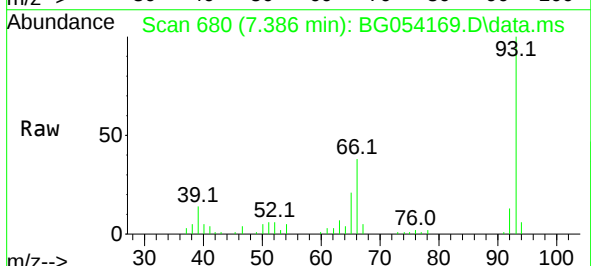
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#6
Aniline
Concen: 37.428 ng
RT: 7.386 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG054169.D
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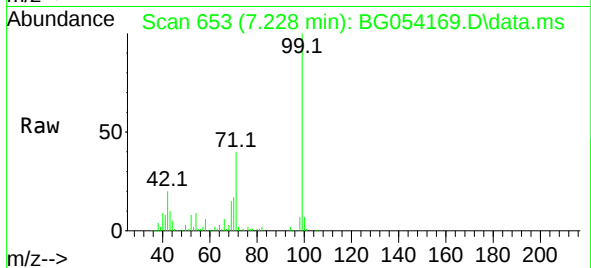
Tgt Ion: 93 Resp: 54663
Ion Ratio Lower Upper
93 100
66 37.6 32.9 49.3
65 21.1 17.8 26.8





#7
Phenol-d6
Concen: 129.702 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

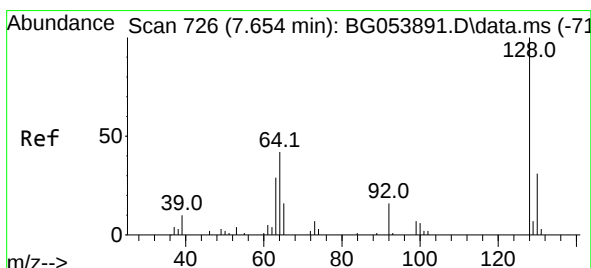
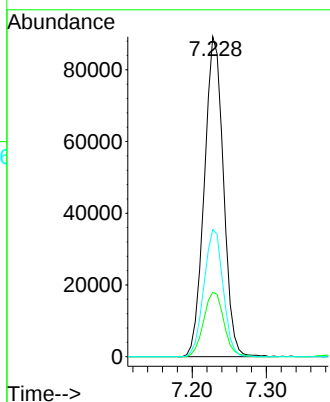
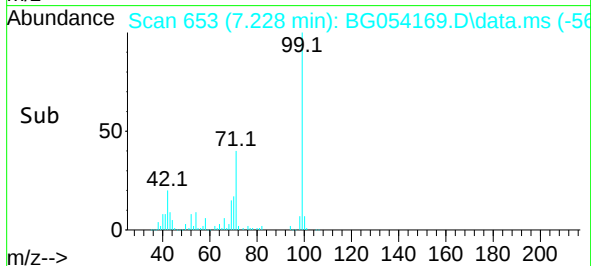
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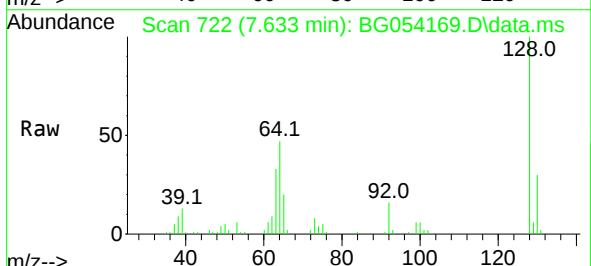
Tgt Ion: 99 Resp: 15977
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 39.8 33.8 50.8

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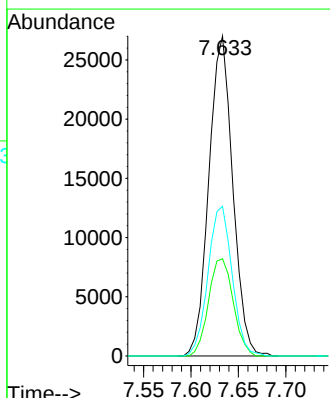
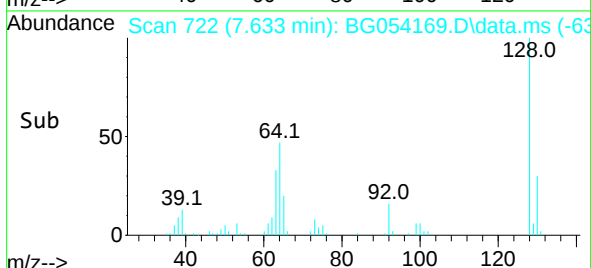
Reviewed By :Christian Giraldo 07/01/2022
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#8
2-Chlorophenol
Concen: 48.647 ng
RT: 7.633 min Scan# 722
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:128 Resp: 47166
Ion Ratio Lower Upper
128 100
130 30.4 10.5 50.5
64 46.8 35.1 75.1





#9
Benzaldehyde
Concen: 11.762 ng m
RT: 7.198 min Scan# 64
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

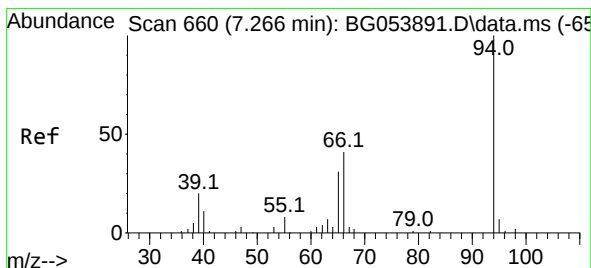
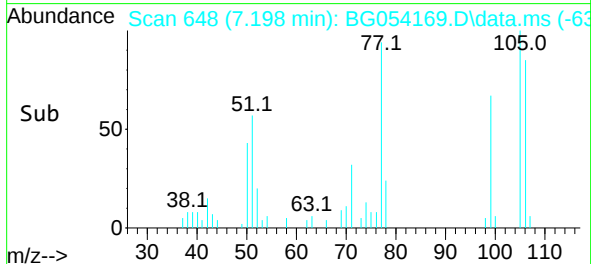
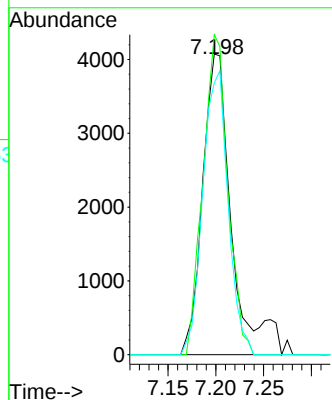
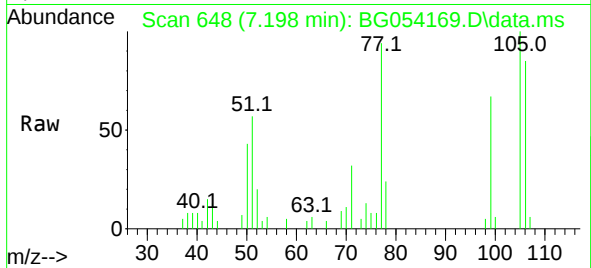
ClientSampleId :

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Tgt Ion: 77 Resp: 855
Ion Ratio Lower Upper
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105 106.4 59.6 99.6
106 90.4 56.8 96.8

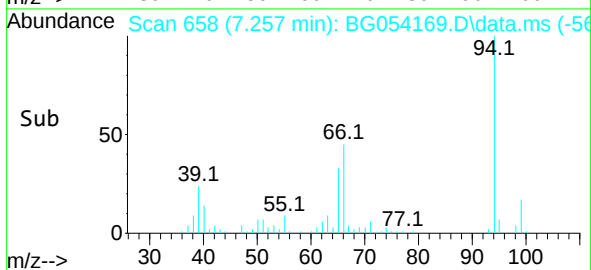
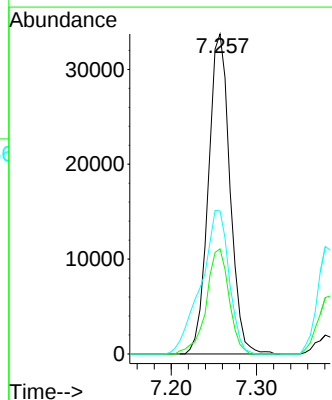
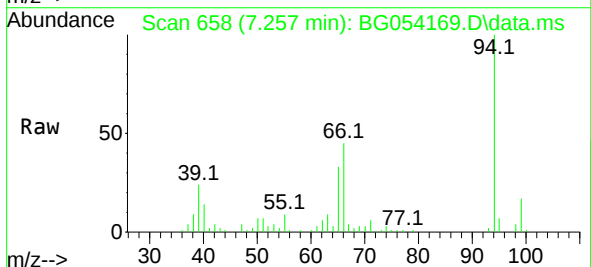
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#10
Phenol
Concen: 47.508 ng
RT: 7.257 min Scan# 658
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 94 Resp: 59309
Ion Ratio Lower Upper
94 100
65 32.9 14.8 54.8
66 44.7 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 41.250 ng
RT: 7.480 min Scan# 696
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

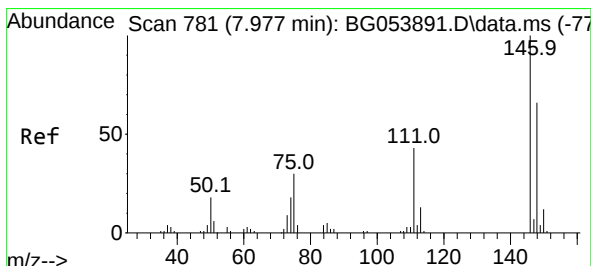
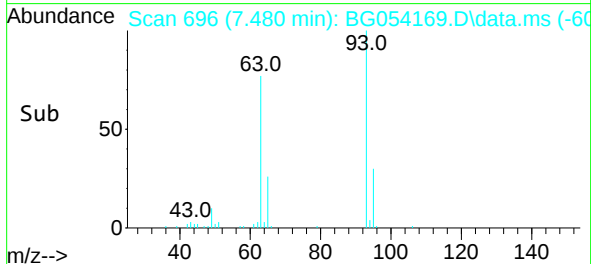
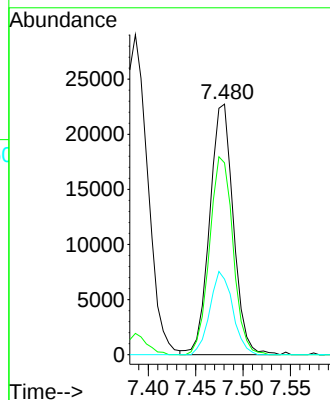
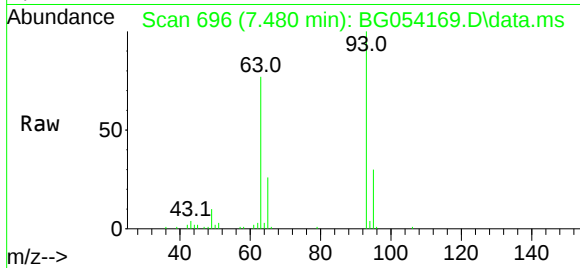
ClientSampleId :

PB145884BS

Tgt Ion: 93 Resp: 39520
Ion Ratio Lower Upper
93 100
63 76.6 63.6 103.6
95 30.2 10.1 50.1

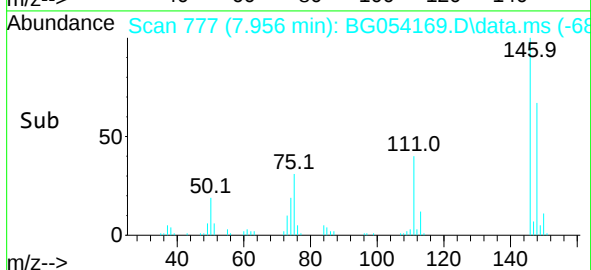
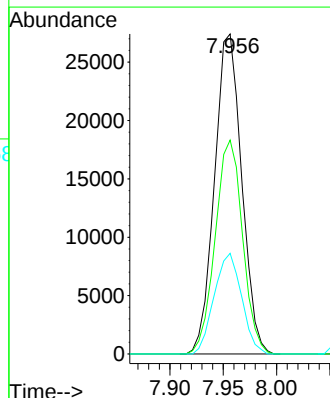
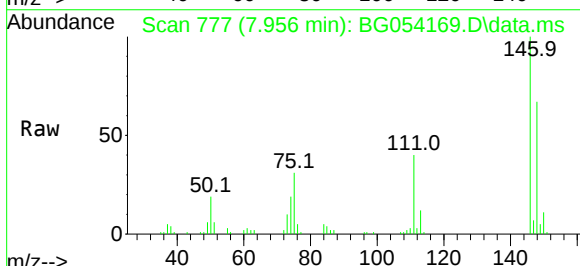
Manual Integrations
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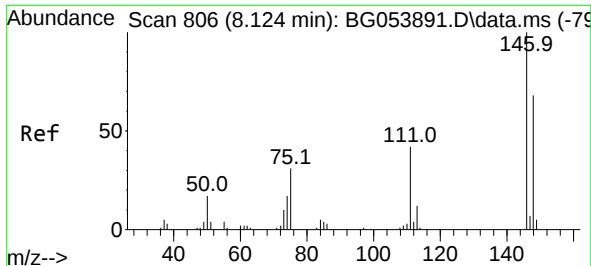
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#12
1,3-Dichlorobenzene
Concen: 39.969 ng
RT: 7.956 min Scan# 777
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:146 Resp: 48558
Ion Ratio Lower Upper
146 100
148 66.9 46.1 69.1
75 31.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 41.666 ng

RT: 8.097 min Scan# 806

Delta R.T. -0.008 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

Tgt Ion:146 Resp: 5084

Ion Ratio Lower Upper

146 100

148 60.1 51.5 77.3

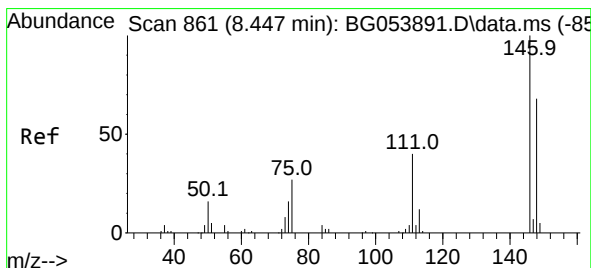
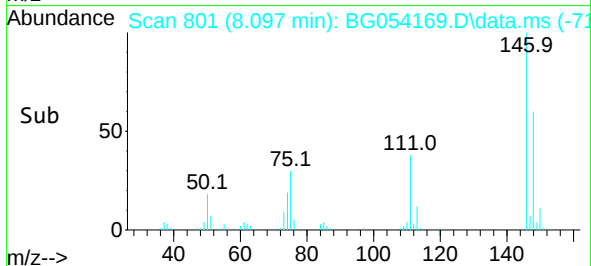
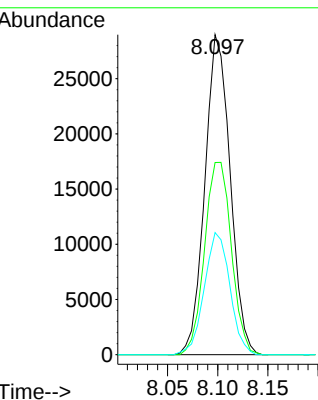
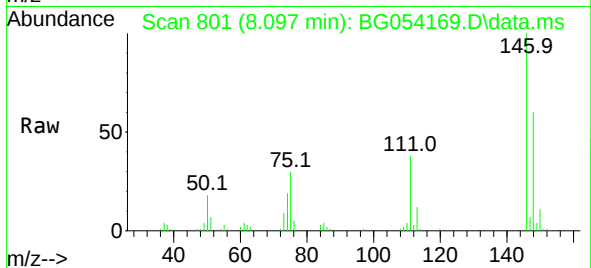
111 38.2 33.9 50.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/01/2022



#14

1,2-Dichlorobenzene

Concen: 42.041 ng

RT: 8.420 min Scan# 856

Delta R.T. -0.008 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

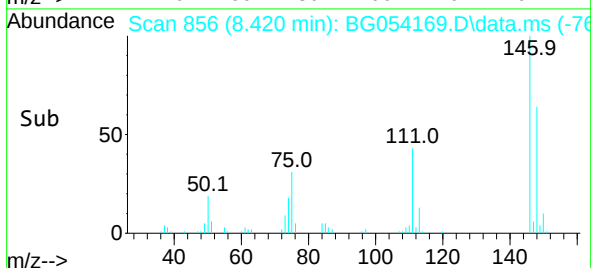
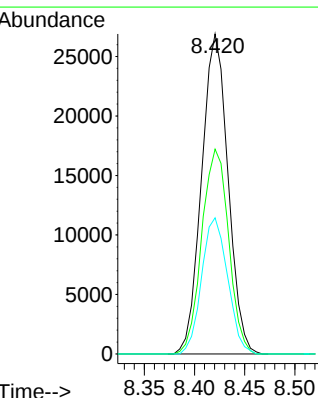
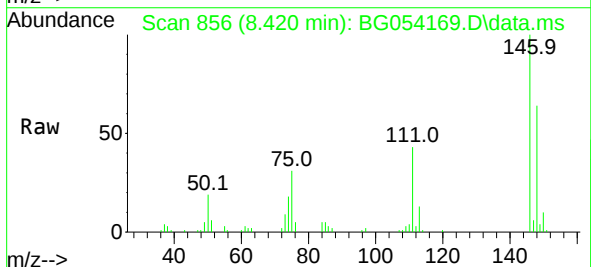
Tgt Ion:146 Resp: 49252

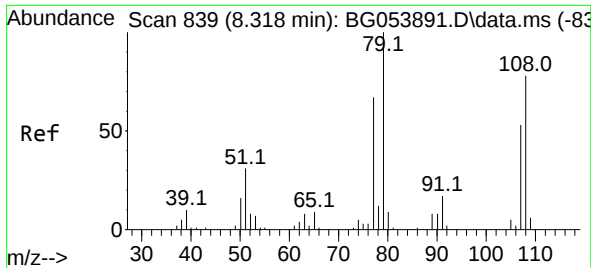
Ion Ratio Lower Upper

146 100

148 64.0 52.6 78.8

111 42.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 48.577 ng
RT: 8.297 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

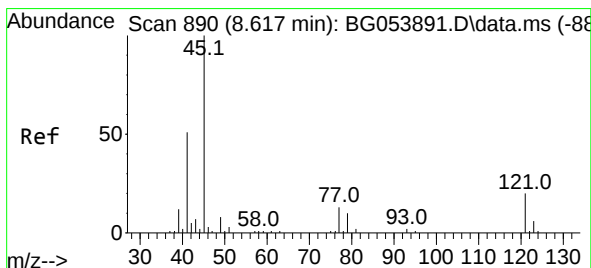
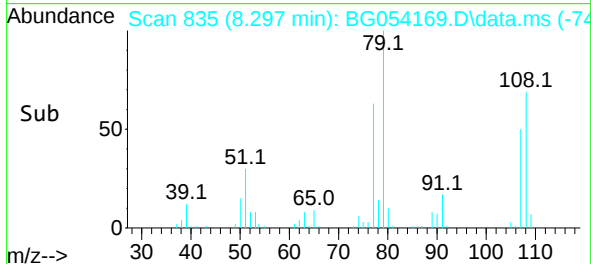
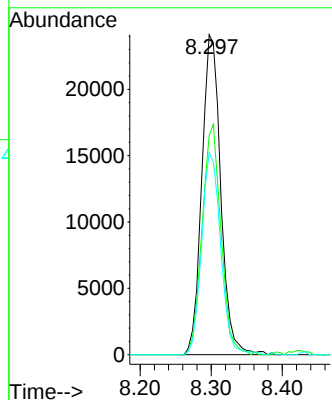
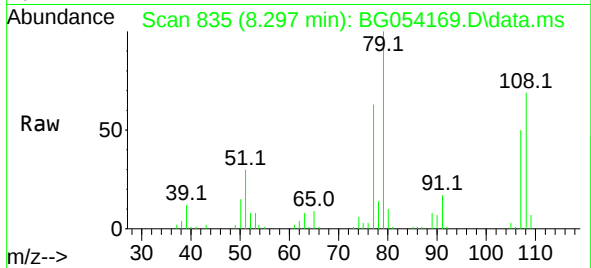
ClientSampleId :

PB145884BS

Tgt Ion: 79 Resp: 4472
Ion Ratio Lower Upper
79 100
108 68.5 53.7 80.5
77 63.2 52.2 78.4

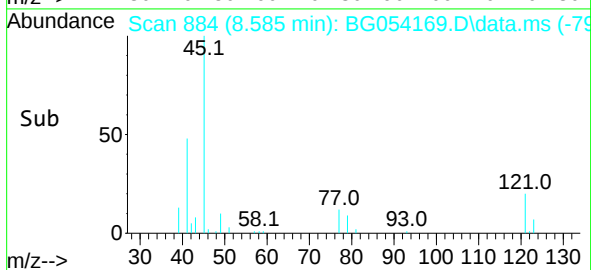
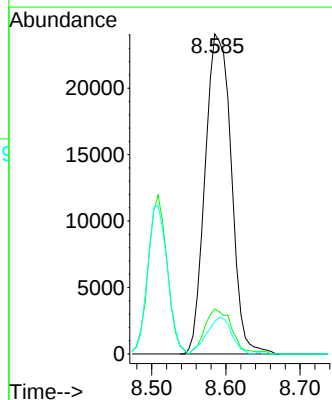
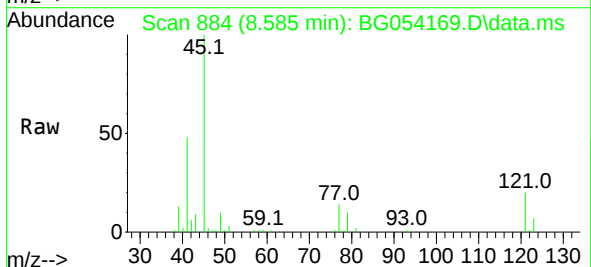
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.143 ng
RT: 8.585 min Scan# 884
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 45 Resp: 58934
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.7
79 10.1 0.0 29.7





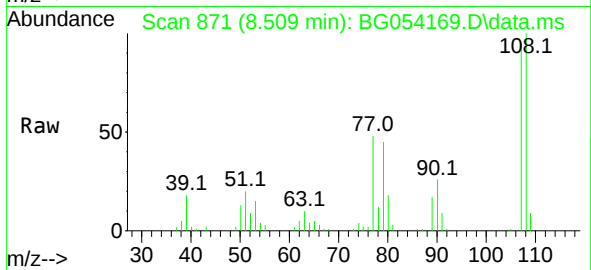
#17
2-Methylphenol
Concen: 47.321 ng
RT: 8.509 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

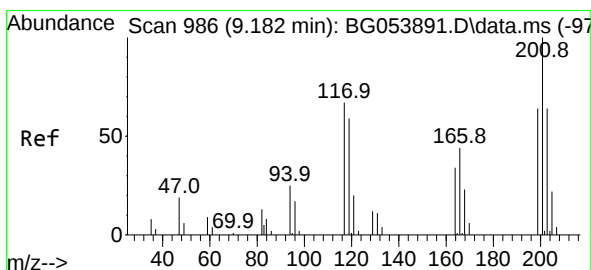
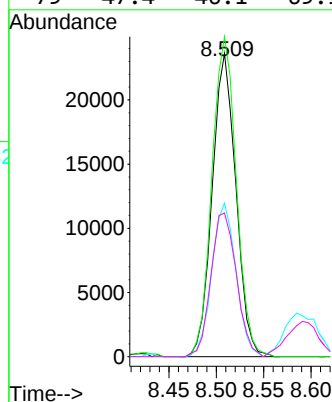


Tgt Ion:107 Resp: 41038
Ion Ratio Lower Upper
107 100
108 105.6 85.4 128.0
77 50.6 46.2 69.2
79 47.4 46.1 69.1

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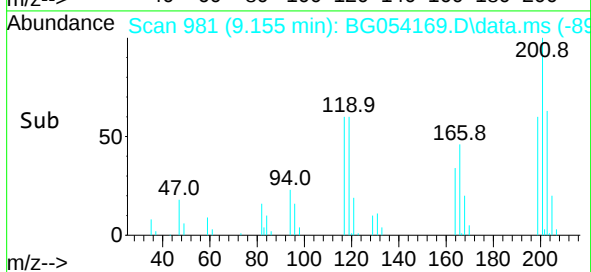
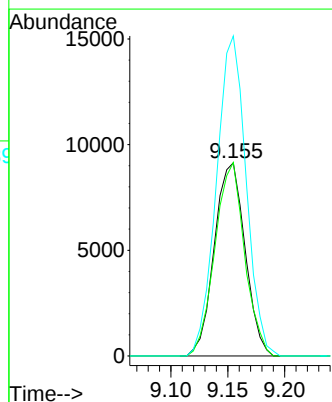
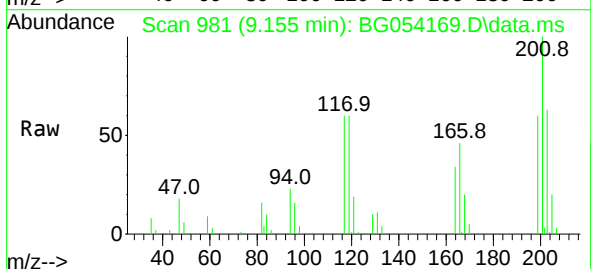
APPROVED

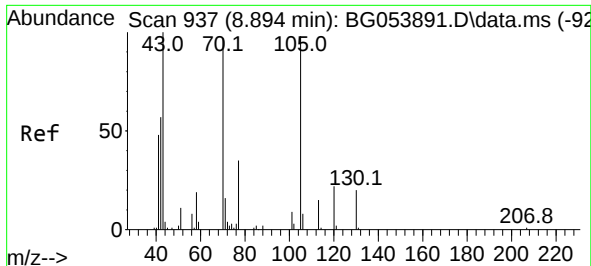
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#18
Hexachloroethane
Concen: 42.310 ng
RT: 9.155 min Scan# 981
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:117 Resp: 17129
Ion Ratio Lower Upper
117 100
119 100.2 75.0 112.6
201 169.9 89.0 133.6#





#19

n-Nitroso-di-n-propylamine

Concen: 43.459 ng

RT: 8.867 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG054169.D

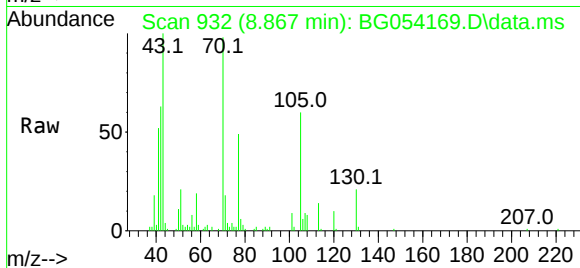
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS



Tgt Ion: 70 Resp: 3596

Ion Ratio Lower Upper

70 100

42 63.6 47.3 70.9

101 8.8 7.0 10.4

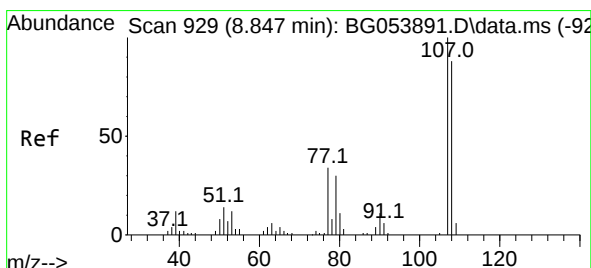
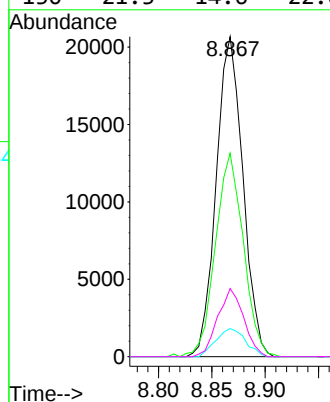
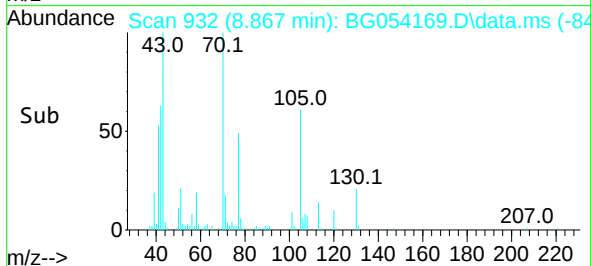
130 21.3 14.6 22.0

Manual Integrations

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#20

3+4-Methylphenols

Concen: 46.792 ng

RT: 8.838 min Scan# 927

Delta R.T. 0.003 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

Tgt Ion:107 Resp: 56909

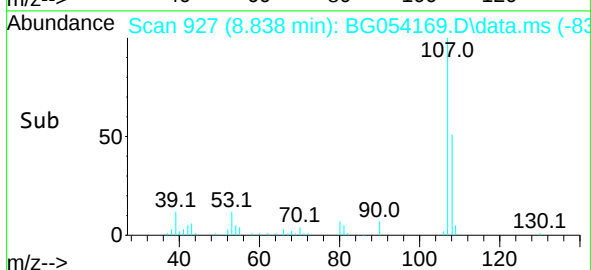
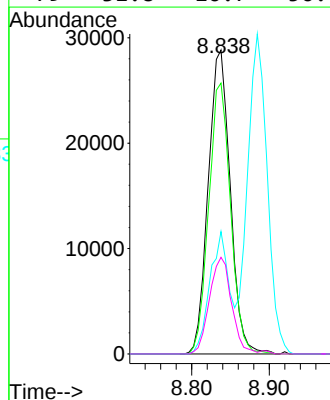
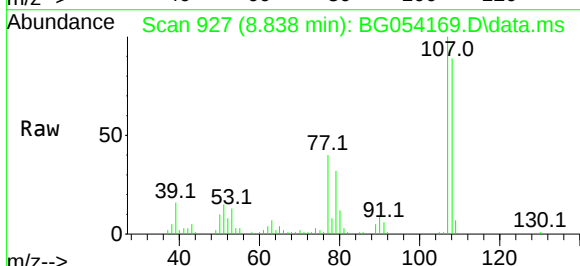
Ion Ratio Lower Upper

107 100

108 89.1 67.5 107.5

77 40.2 20.3 60.3

79 31.8 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.876 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

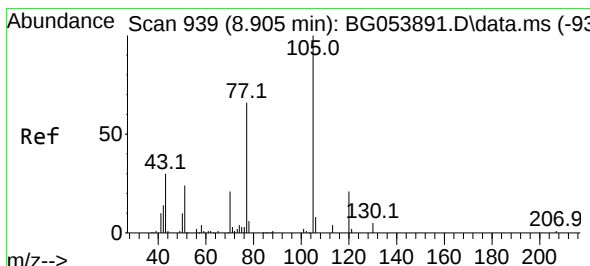
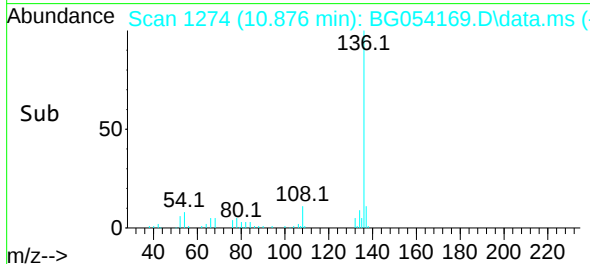
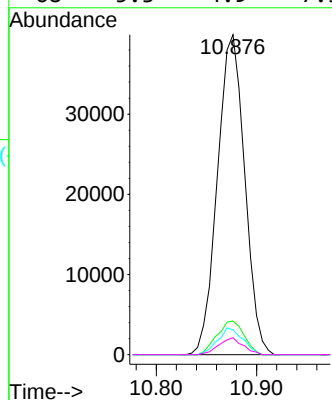
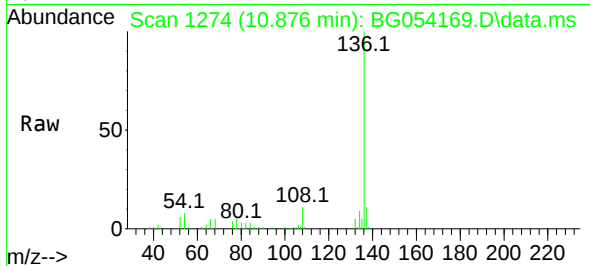
ClientSampleId :

PB145884BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.8	7.4	11.2
68	5.3	4.9	7.3

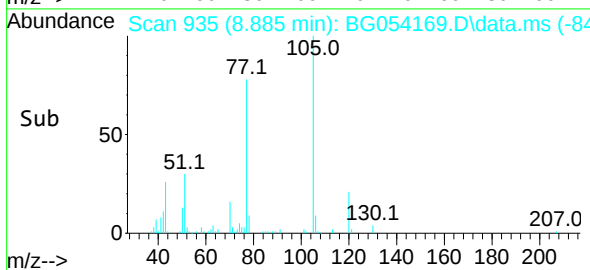
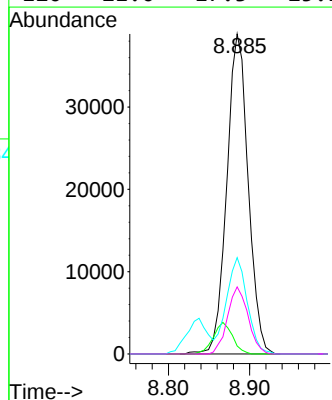
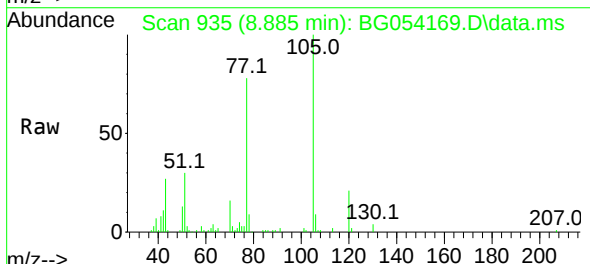
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Supervised By :Jagrut Upadhyay 07/01/2022



#22
Acetophenone
Concen: 38.782 ng
RT: 8.885 min Scan# 935
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.1	1.7#
51	30.1	25.4	38.0
120	21.0	17.3	25.9





#23
Nitrobenzene-d5
Concen: 76.507 ng
RT: 9.225 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

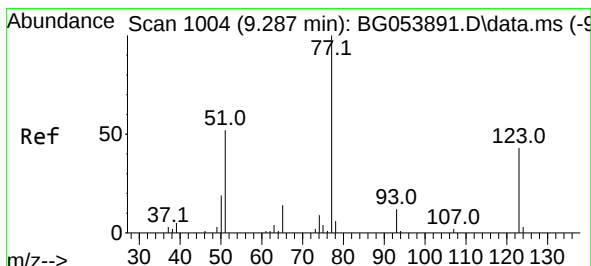
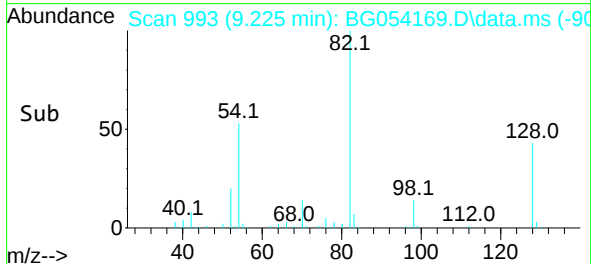
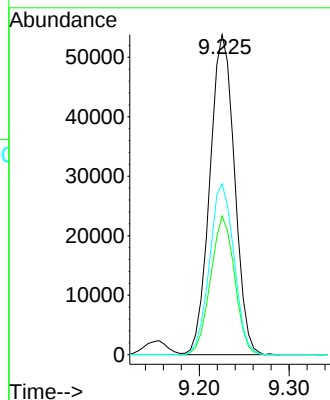
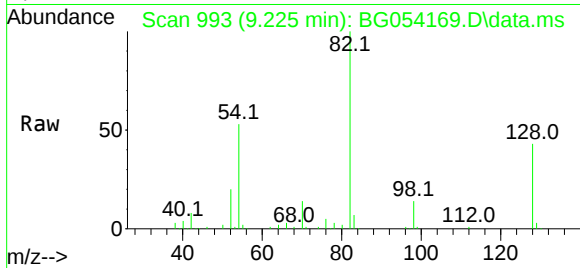
ClientSampleId :

PB145884BS

Tgt Ion: 82 Resp: 102630
Ion Ratio Lower Upper
82 100
128 43.3 27.9 41.9
54 53.4 41.2 61.8

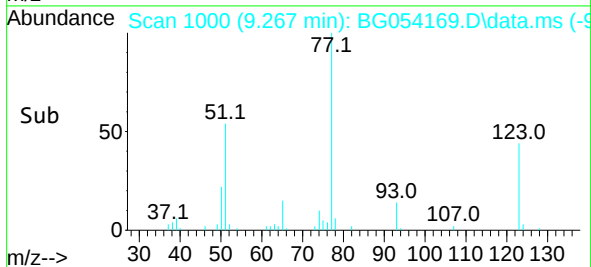
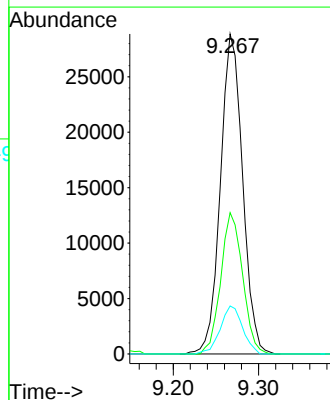
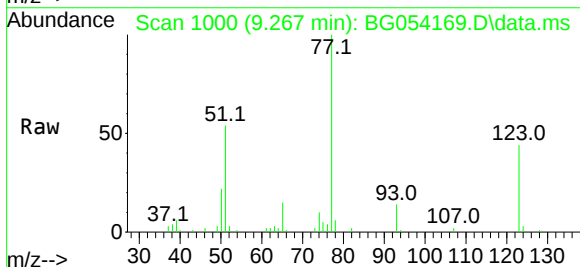
Manual Integrations
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#24
Nitrobenzene
Concen: 39.462 ng
RT: 9.267 min Scan# 1000
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

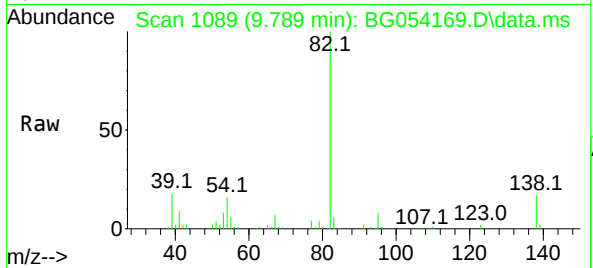
Tgt Ion: 77 Resp: 52128
Ion Ratio Lower Upper
77 100
123 44.2 27.4 41.0
65 15.0 11.4 17.0





#25
Isophorone
Concen: 40.694 ng
RT: 9.789 min Scan# 1093
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

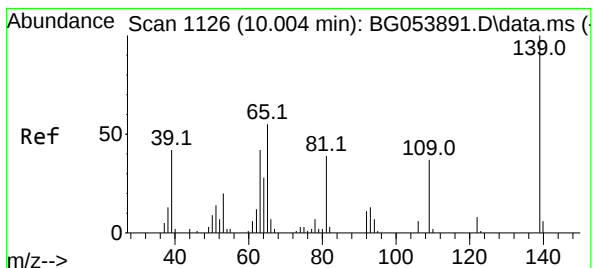
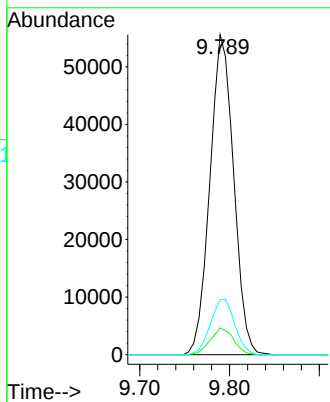
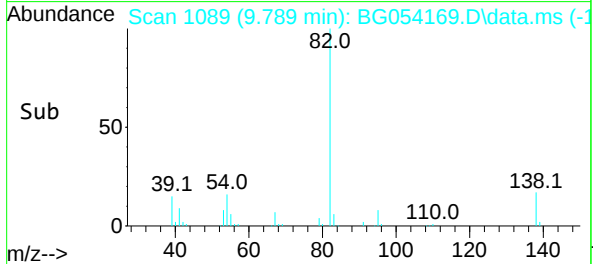
Instrument :
BNA_G
ClientSampleId :
PB145884BS



Tgt Ion: 82 Resp: 10195
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.4
138 17.2 11.6 17.4

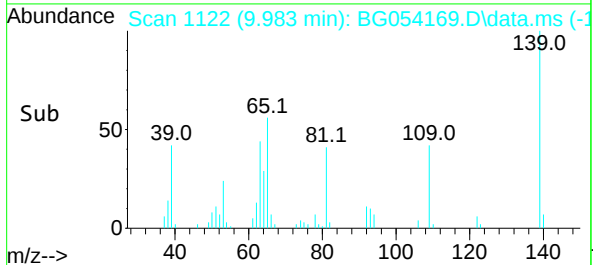
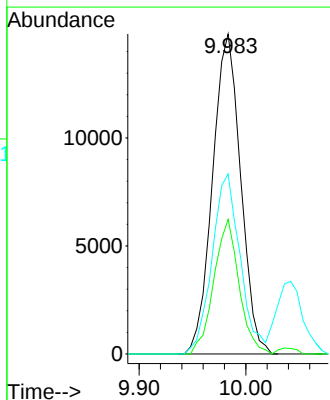
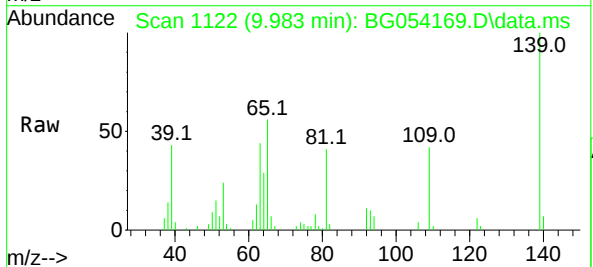
Manual Integrations
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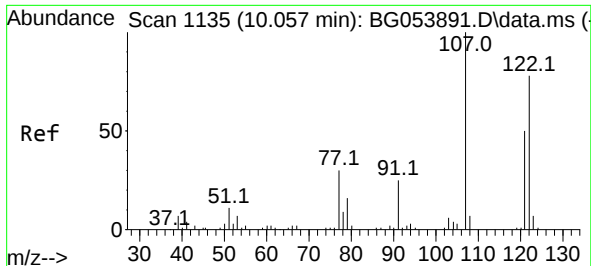
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#26
2-Nitrophenol
Concen: 46.417 ng
RT: 9.983 min Scan# 1122
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:139 Resp: 27082
Ion Ratio Lower Upper
139 100
109 42.0 36.1 54.1
65 56.2 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 49.783 ng
RT: 10.042 min Scan# 1135
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

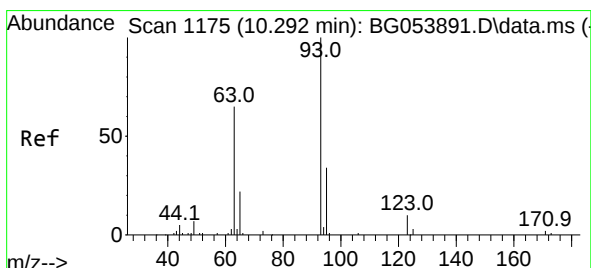
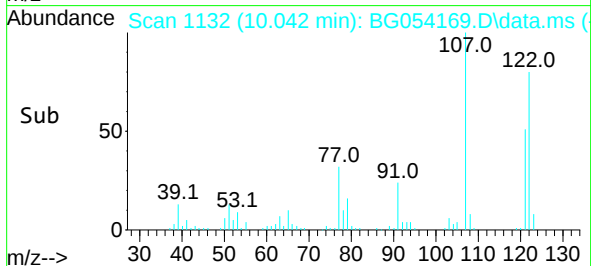
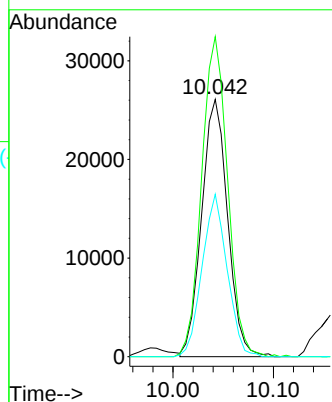
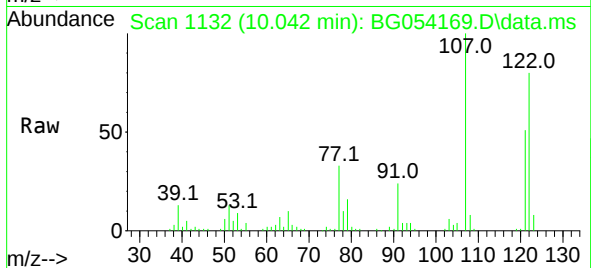
PB145884BS

Tgt Ion:122 Resp: 4701
Ion Ratio Lower Upper
122 100
107 124.3 109.4 164.0
121 63.1 48.7 73.1

Manual Integrations

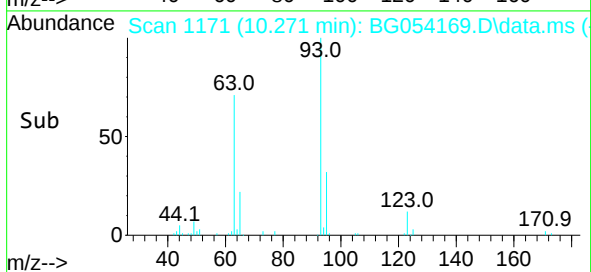
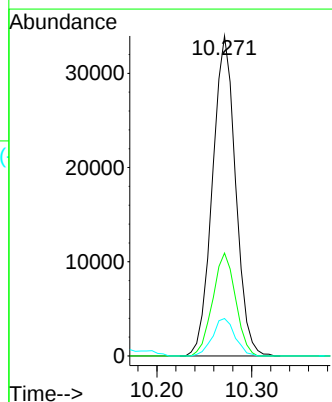
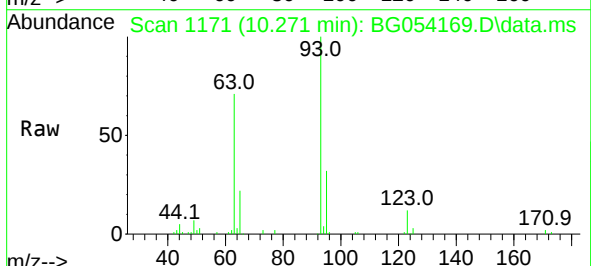
APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.553 ng
RT: 10.271 min Scan# 1171
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

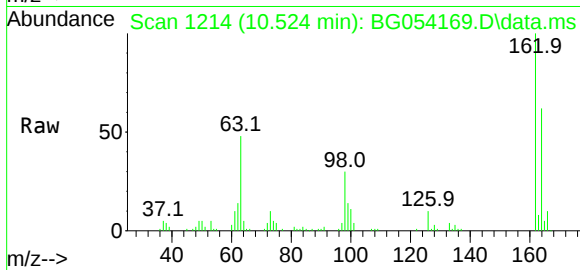
Tgt Ion: 93 Resp: 57432
Ion Ratio Lower Upper
93 100
95 32.2 26.9 40.3
123 11.7 7.7 11.5#





#29
2,4-Dichlorophenol
Concen: 44.938 ng
RT: 10.524 min Scan# 1050
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

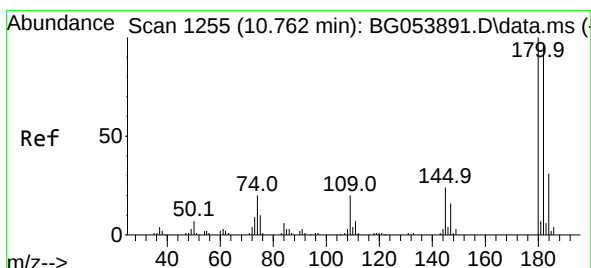
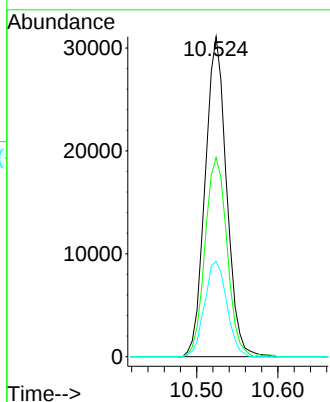
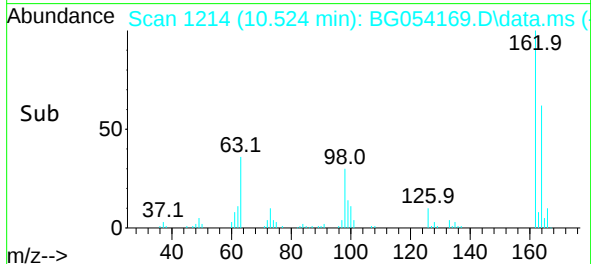
Instrument :
BNA_G
ClientSampleId :
PB145884BS



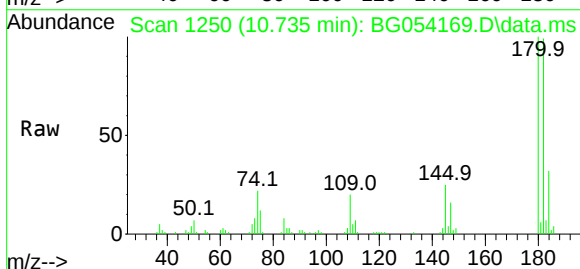
Tgt Ion:162 Resp: 5689
Ion Ratio Lower Upper
162 100
164 62.2 46.6 86.6
98 29.8 22.8 62.8

Manual Integrations
APPROVED

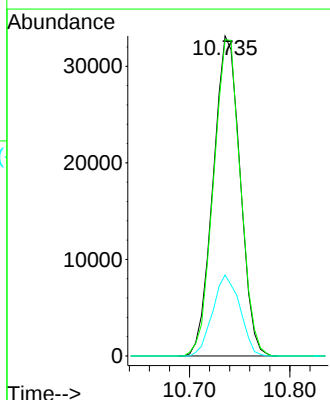
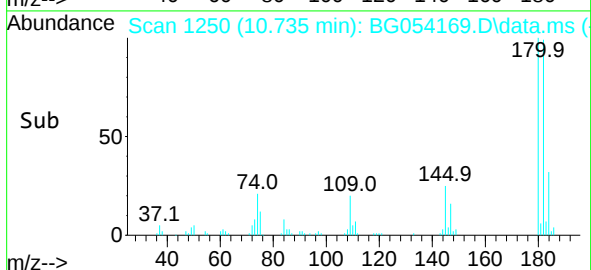
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#30
1,2,4-Trichlorobenzene
Concen: 39.310 ng
RT: 10.735 min Scan# 1250
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



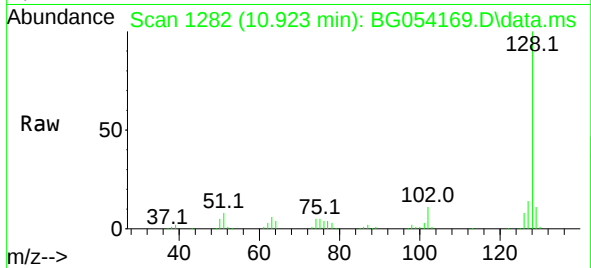
Tgt Ion:180 Resp: 61630
Ion Ratio Lower Upper
180 100
182 98.9 76.6 115.0
145 25.3 25.0 37.4





#31
Naphthalene
Concen: 37.241 ng
RT: 10.923 min Scan# 1156
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

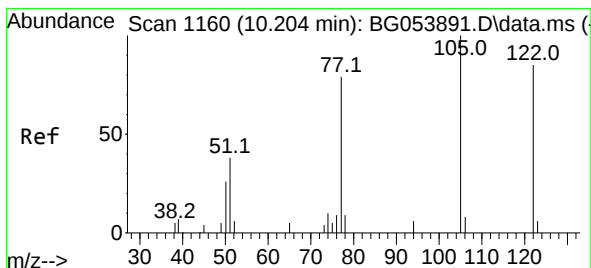
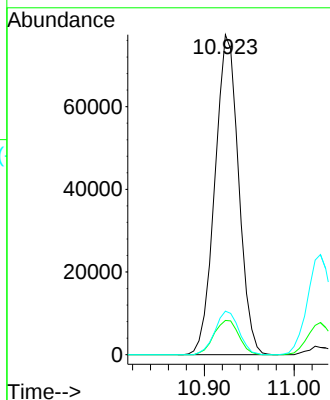
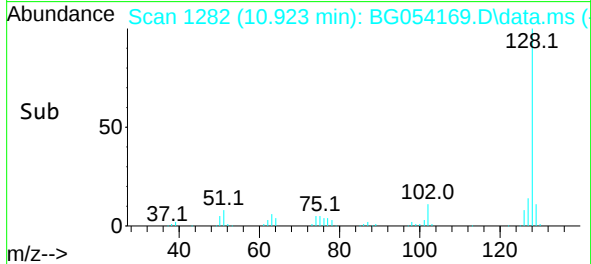
Instrument :
BNA_G
ClientSampleId :
PB145884BS



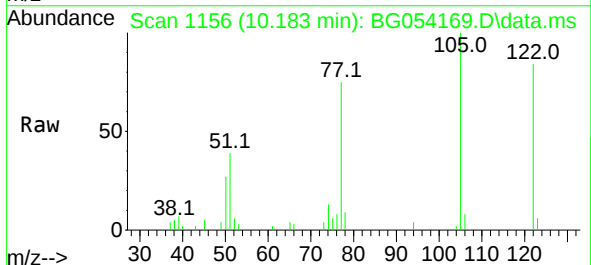
Tgt Ion:128 Resp: 14172
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.6 11.1 16.7

Manual Integrations
APPROVED

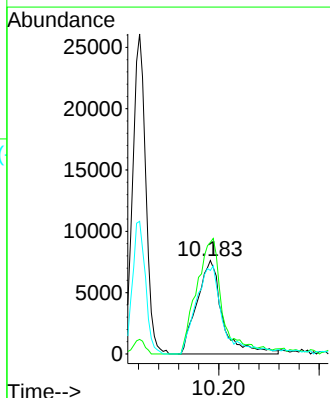
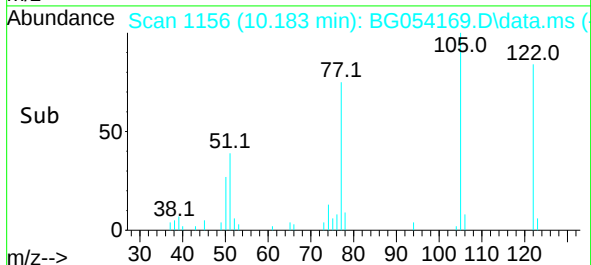
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#32
Benzoic acid
Concen: 61.145 ng
RT: 10.183 min Scan# 1156
Delta R.T. -0.014 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:122 Resp: 26819
Ion Ratio Lower Upper
122 100
105 119.4 111.8 151.8
77 89.4 109.4 149.4#





#33
4-Chloroaniline
Concen: 30.155 ng
RT: 11.029 min Scan# 11029
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

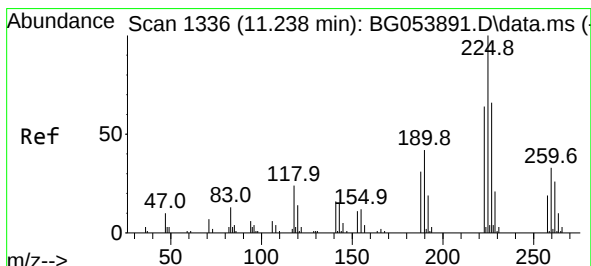
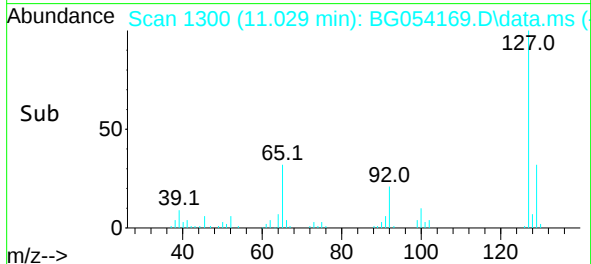
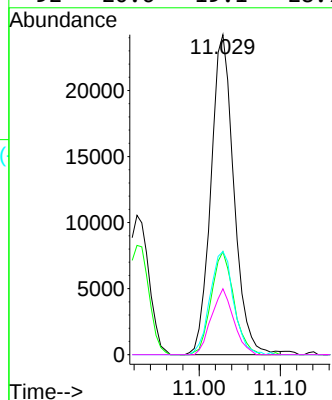
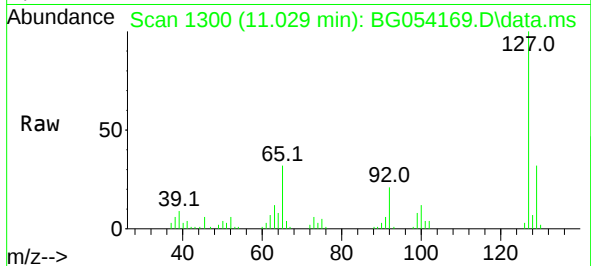
PB145884BS

Tgt Ion:127	Resp:	47608
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.3 39.5
65	32.2	31.1 46.7
92	20.6	19.1 28.7

Manual Integrations

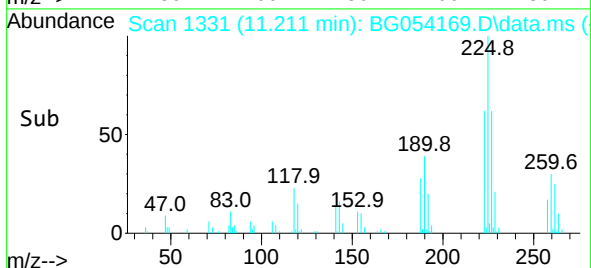
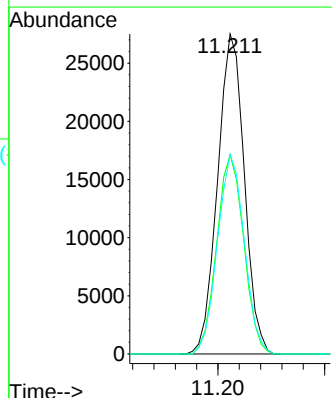
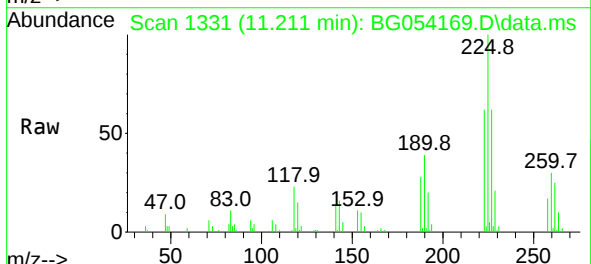
APPROVED

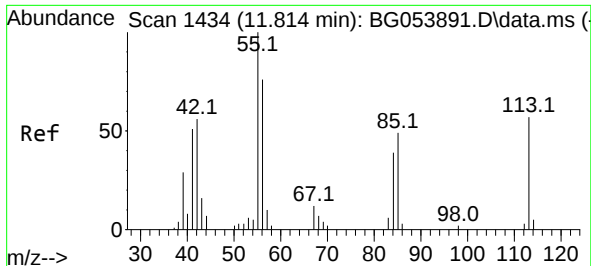
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#34
Hexachlorobutadiene
Concen: 39.635 ng
RT: 11.211 min Scan# 1331
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

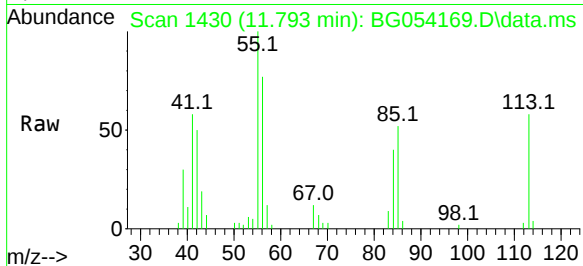
Tgt Ion:225	Resp:	47775
Ion Ratio	Lower	Upper
225	100	
223	59.5	48.9 73.3
227	62.6	52.8 79.2





#35
Caprolactam
Concen: 53.207 ng m
RT: 11.793 min Scan# 1434
Delta R.T. 0.003 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

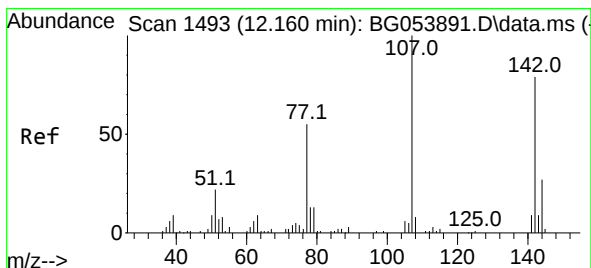
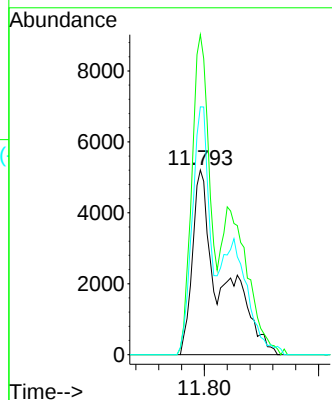
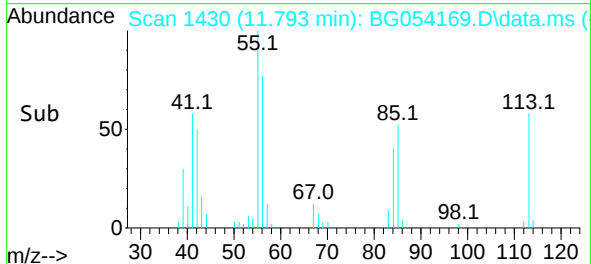
Instrument :
BNA_G
ClientSampleId :
PB145884BS



Tgt Ion:113 Resp: 18540
Ion Ratio Lower Upper
113 100
55 173.4 169.8 209.8
56 134.3 141.2 181.2

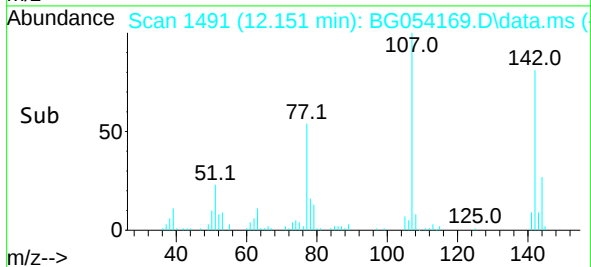
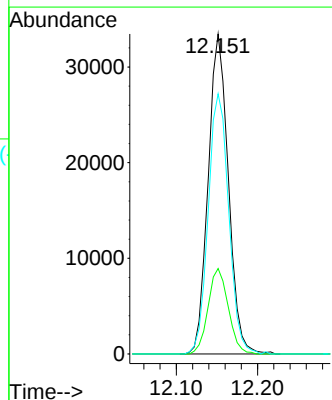
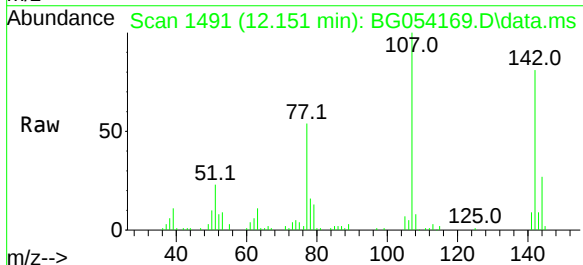
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#36
4-Chloro-3-methylphenol
Concen: 46.907 ng
RT: 12.151 min Scan# 1491
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

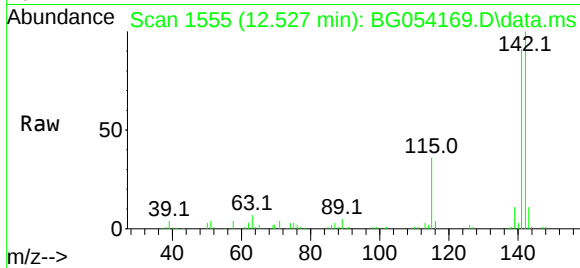
Tgt Ion:107 Resp: 57736
Ion Ratio Lower Upper
107 100
144 26.7 18.5 27.7
142 81.3 55.0 82.4





#37
2-Methylnaphthalene
Concen: 39.234 ng
RT: 12.527 min Scan# 1555
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

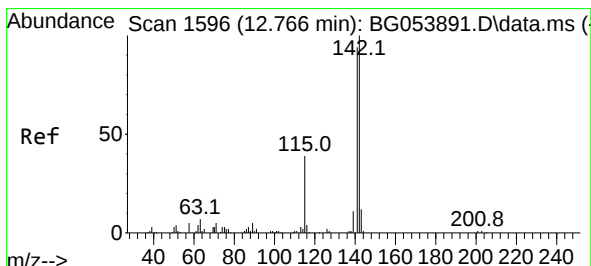
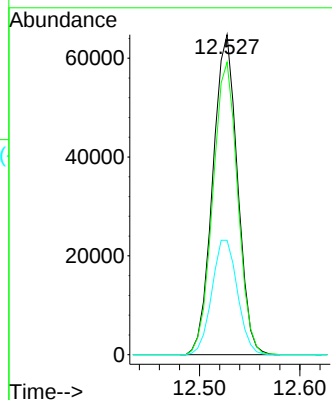
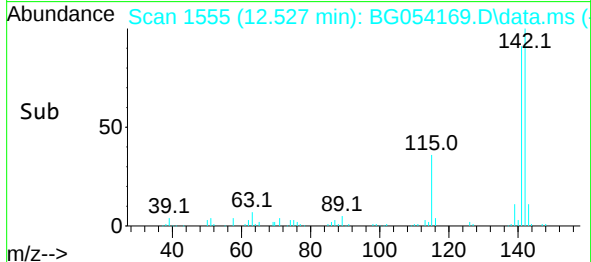
Instrument :
BNA_G
ClientSampleId :
PB145884BS



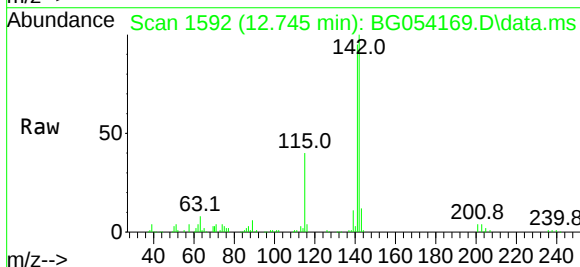
Tgt Ion:142 Resp: 110468
Ion Ratio Lower Upper
142 100
141 91.4 72.3 108.5
115 35.7 33.7 50.5

Manual Integrations
APPROVED

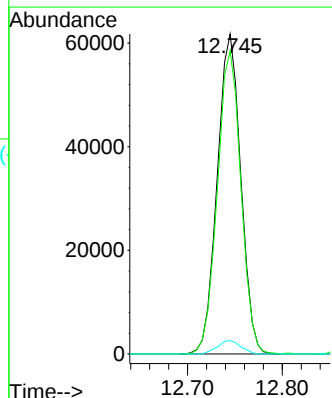
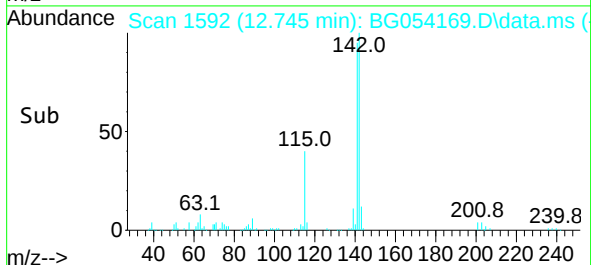
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#38
1-Methylnaphthalene
Concen: 38.901 ng
RT: 12.745 min Scan# 1592
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:142 Resp: 106650
Ion Ratio Lower Upper
142 100
141 94.6 76.4 114.6
116 4.2 3.3 4.9





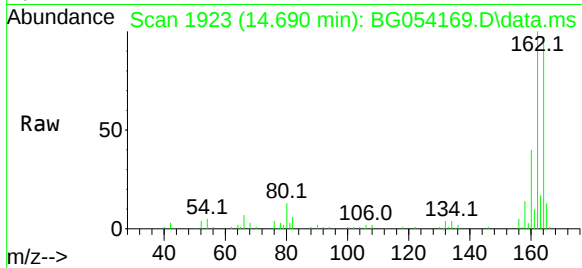
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.690 min Scan# 1923
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

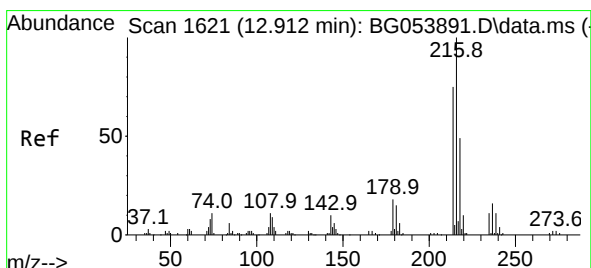
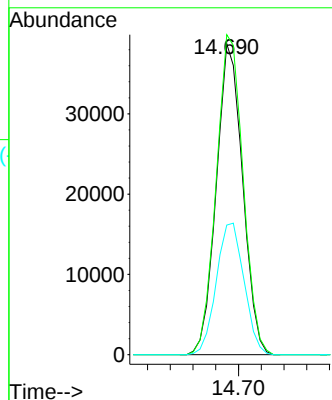
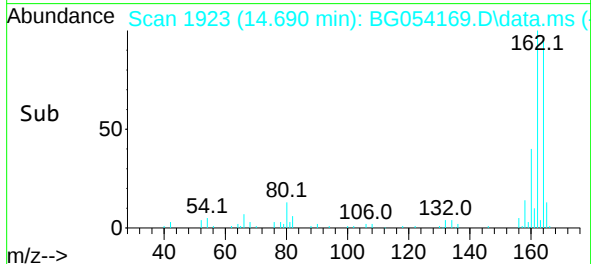


Tgt Ion:164 Resp: 6211
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 41.7 34.2 51.2

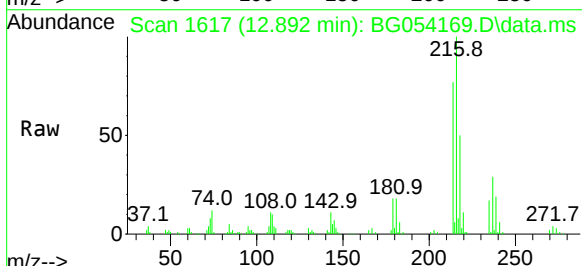
Manual Integrations

APPROVED

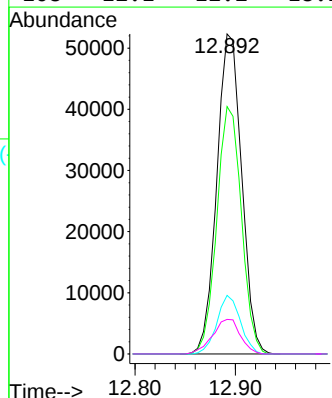
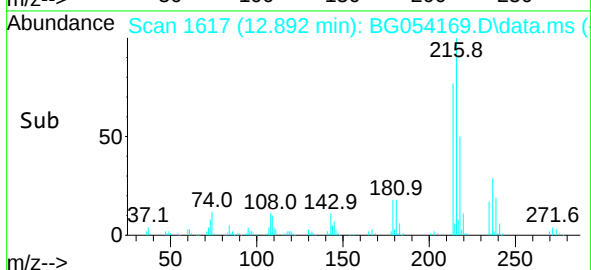
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

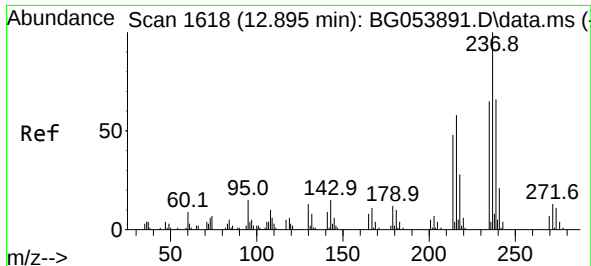


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.563 ng
RT: 12.892 min Scan# 1617
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



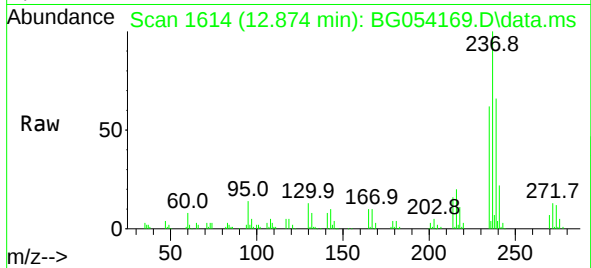
Tgt Ion:216 Resp: 89899
Ion Ratio Lower Upper
216 100
214 76.4 62.9 94.3
179 17.3 16.1 24.1
108 12.1 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 73.572 ng
RT: 12.874 min Scan# 1614
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

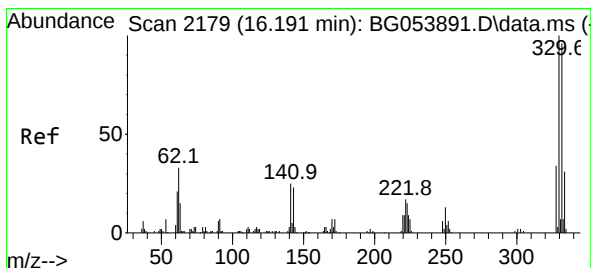
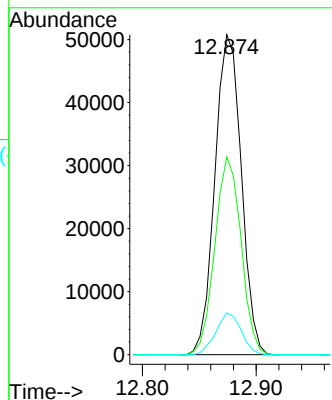
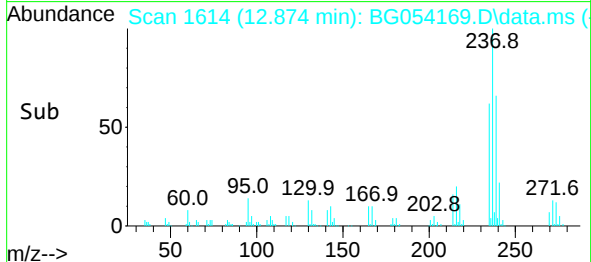
Instrument :
BNA_G
ClientSampleId :
PB145884BS



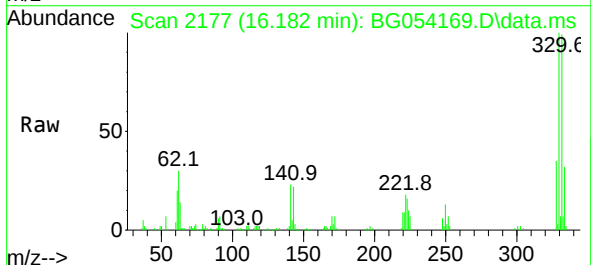
Tgt Ion:237 Resp: 81990
Ion Ratio Lower Upper
237 100
235 61.8 43.5 83.5
272 13.1 0.0 30.1

Manual Integrations
APPROVED

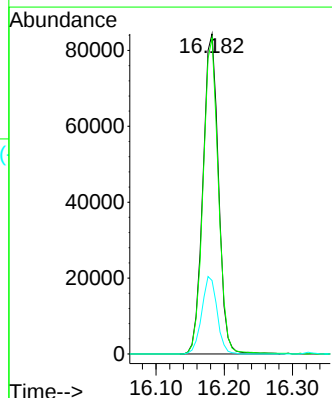
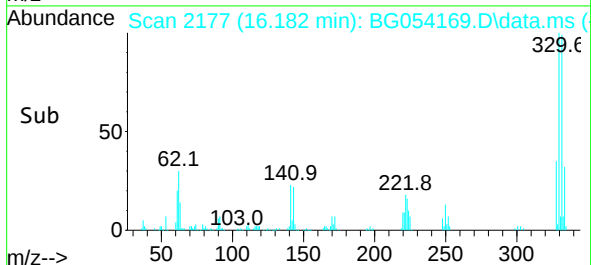
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

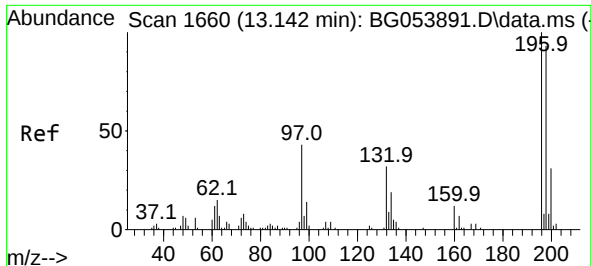


#42
2,4,6-Tribromophenol
Concen: 133.912 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:330 Resp: 133634
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 23.9 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 43.422 ng
RT: 13.133 min Scan# 1658
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

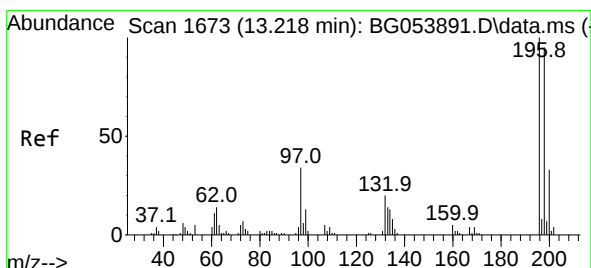
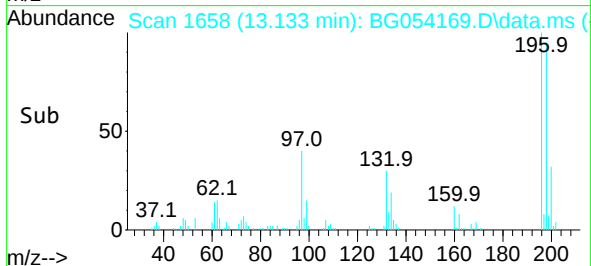
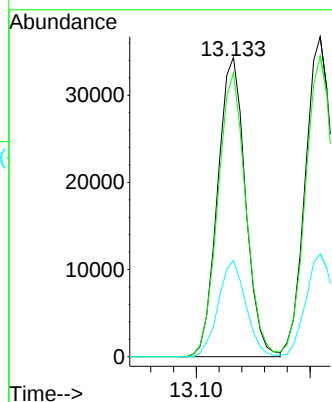
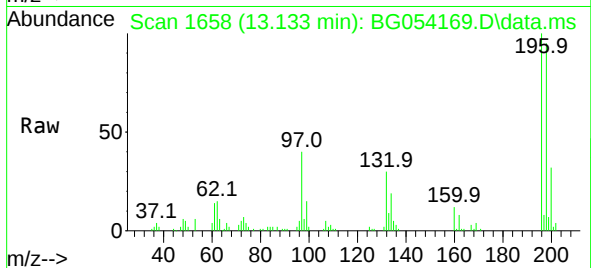
PB145884BS

Tgt Ion:196 Resp: 58379
Ion Ratio Lower Upper
196 100
198 94.9 74.1 111.1
200 32.1 24.7 37.1

Manual Integrations

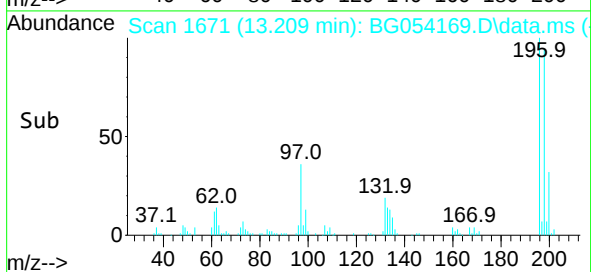
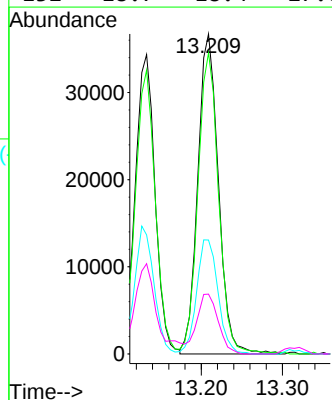
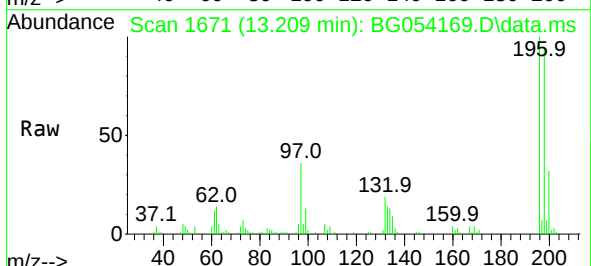
APPROVED

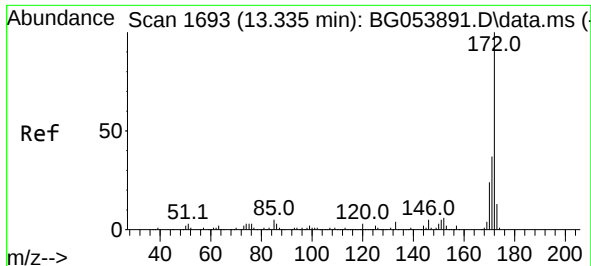
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#44
2,4,5-Trichlorophenol
Concen: 43.155 ng
RT: 13.209 min Scan# 1671
Delta R.T. 0.003 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:196 Resp: 64779
Ion Ratio Lower Upper
196 100
198 94.1 76.8 115.2
97 35.6 39.8 59.6#
132 18.7 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 71.931 ng
RT: 13.315 min Scan# 1693
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

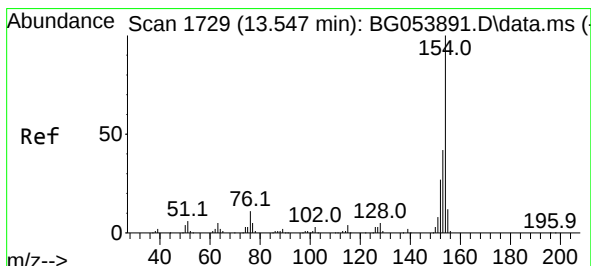
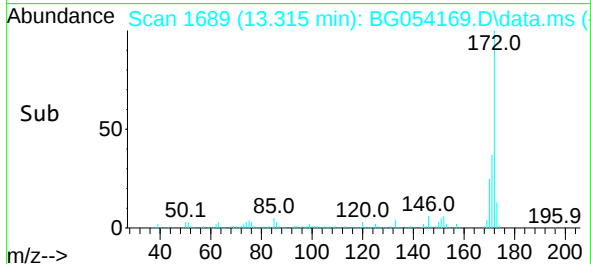
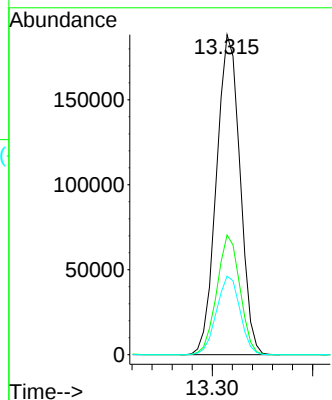
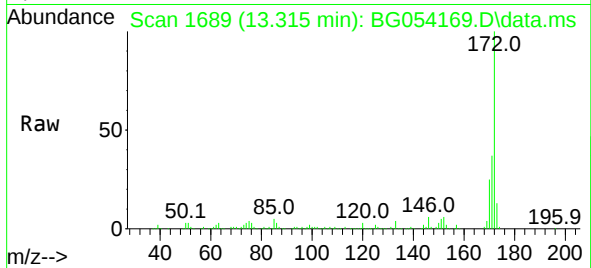
ClientSampleId :

PB145884BS

Tgt Ion:172 Resp: 30724
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 24.5 18.9 28.3

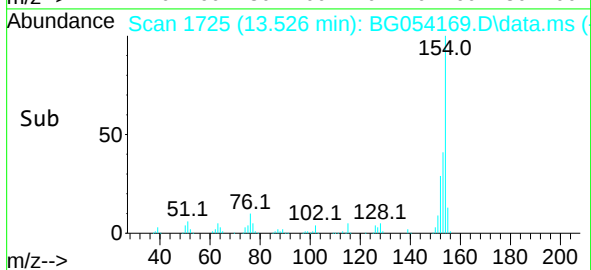
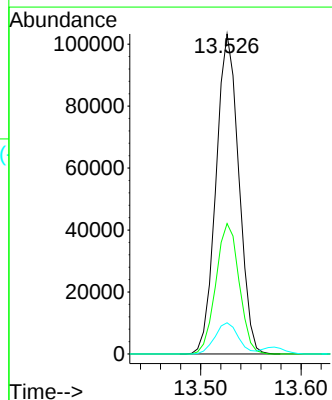
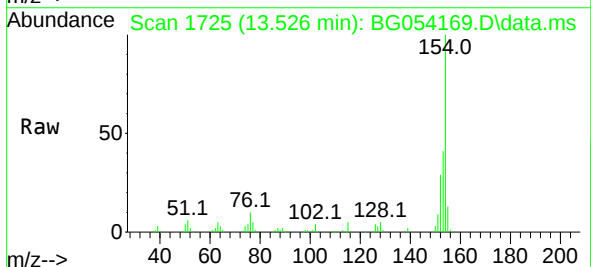
Manual Integrations
APPROVED

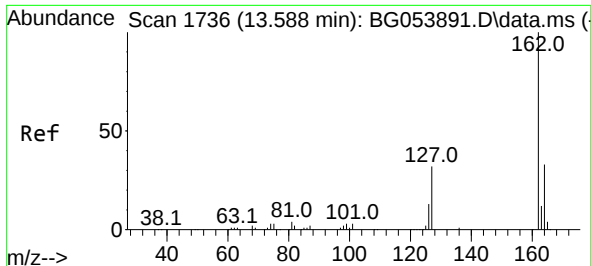
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#46
1,1'-Biphenyl
Concen: 37.581 ng
RT: 13.526 min Scan# 1725
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:154 Resp: 162591
Ion Ratio Lower Upper
154 100
153 40.8 21.6 61.6
76 9.7 0.0 32.6





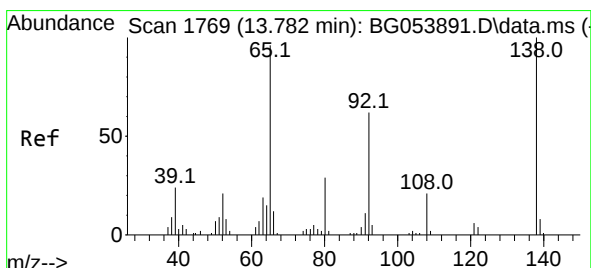
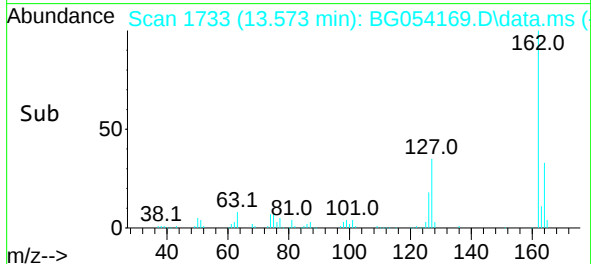
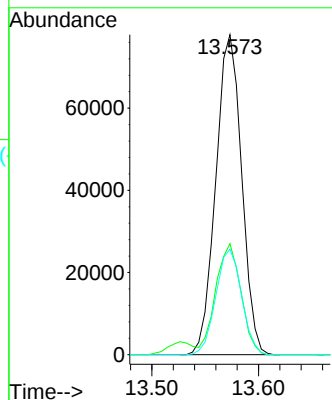
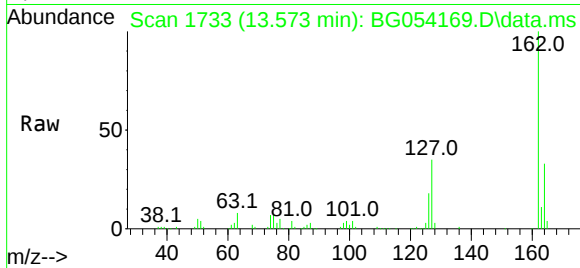
#47
2-Chloronaphthalene
Concen: 37.416 ng
RT: 13.573 min Scan# 1733
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :
BNA_G
ClientSampleId :
PB145884BS

Tgt Ion:162 Resp: 13100
Ion Ratio Lower Upper
162 100
127 34.7 30.6 45.8
164 32.9 26.5 39.7

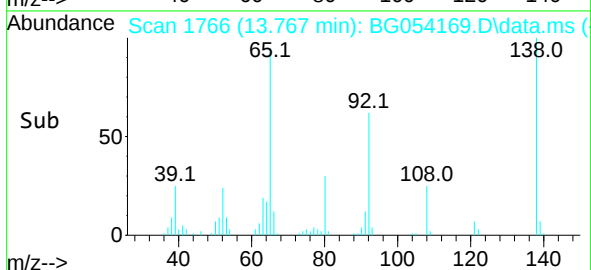
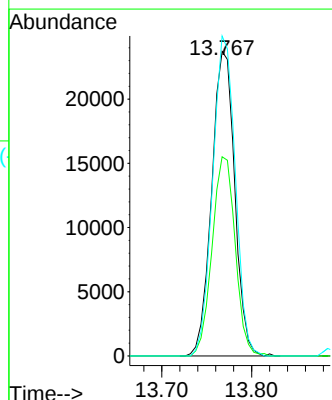
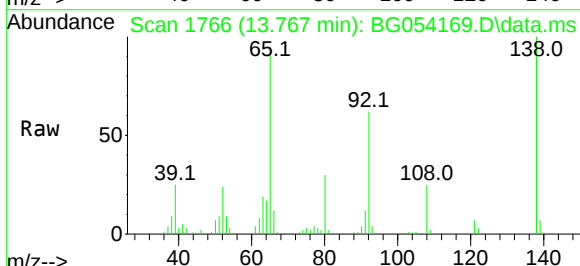
Manual Integrations
APPROVED

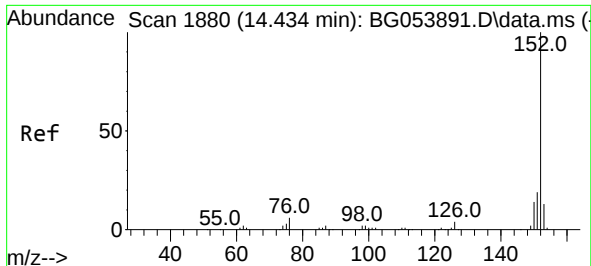
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#48
2-Nitroaniline
Concen: 45.390 ng
RT: 13.767 min Scan# 1766
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

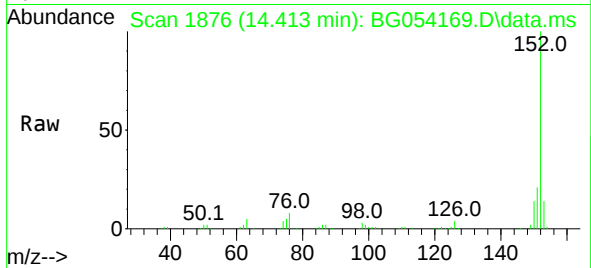
Tgt Ion: 65 Resp: 42276
Ion Ratio Lower Upper
65 100
92 65.4 51.5 77.3
138 105.1 71.3 106.9





#49
Acenaphthylene
Concen: 39.852 ng
RT: 14.413 min Scan# 1880
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

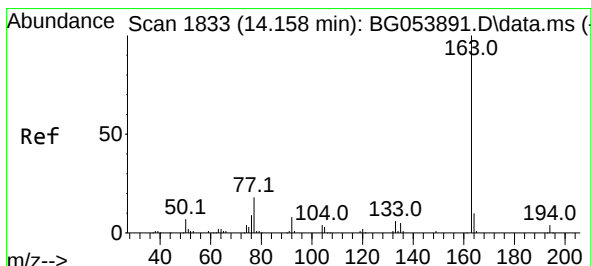
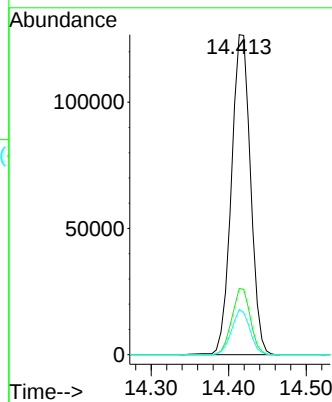
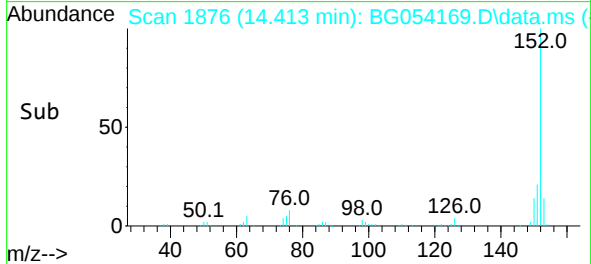
Instrument :
BNA_G
ClientSampleId :
PB145884BS



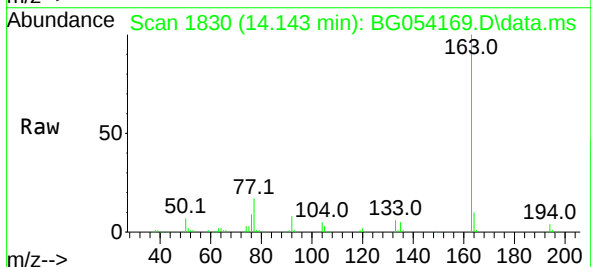
Tgt Ion:152 Resp: 216972
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 14.2 10.8 16.2

Manual Integrations
APPROVED

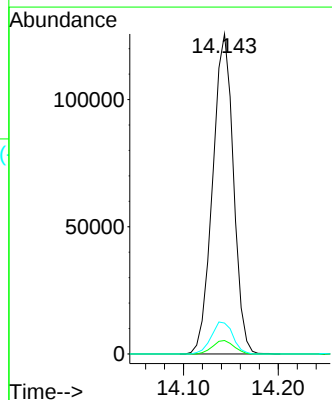
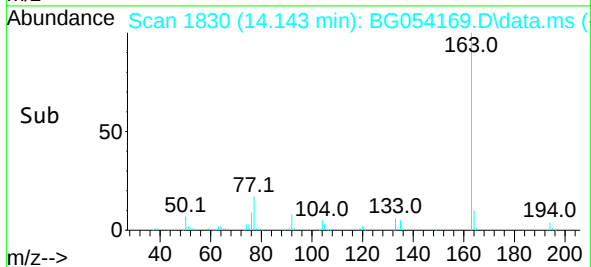
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

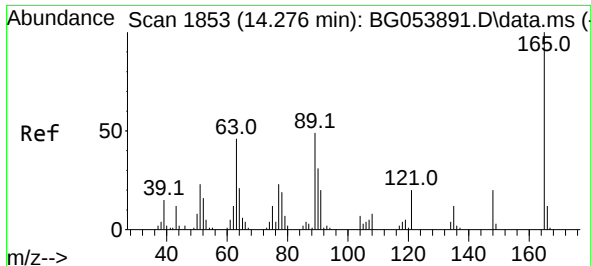


#50
Dimethylphthalate
Concen: 40.406 ng
RT: 14.143 min Scan# 1830
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:163 Resp: 191132
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.783 ng
RT: 14.261 min Scan# 1853
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

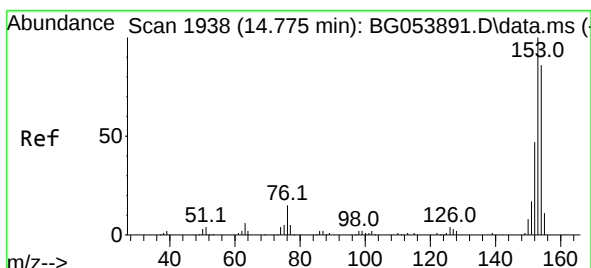
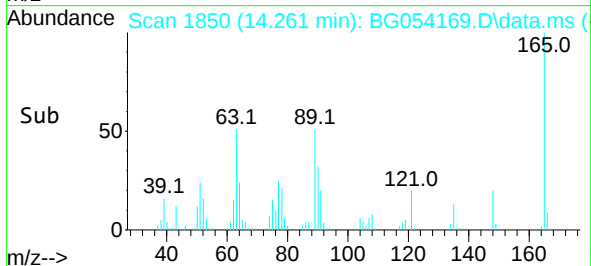
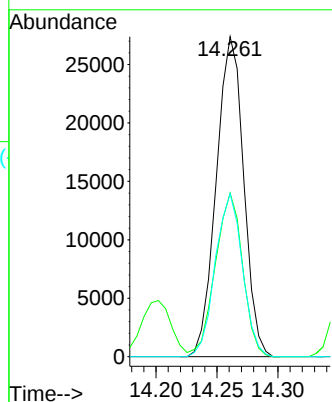
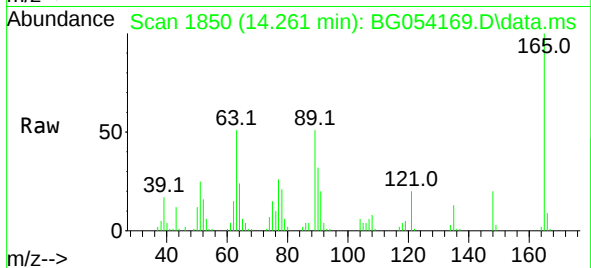
PB145884BS

Tgt Ion:165 Resp: 42800
Ion Ratio Lower Upper
165 100
63 51.2 54.1 81.1
89 50.9 54.8 82.2

Manual Integrations

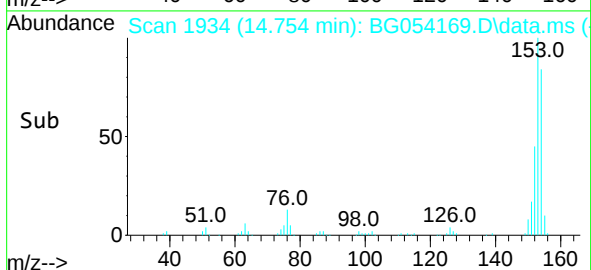
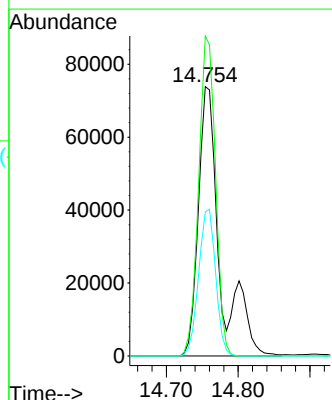
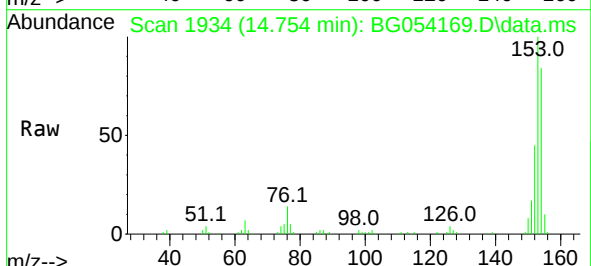
APPROVED

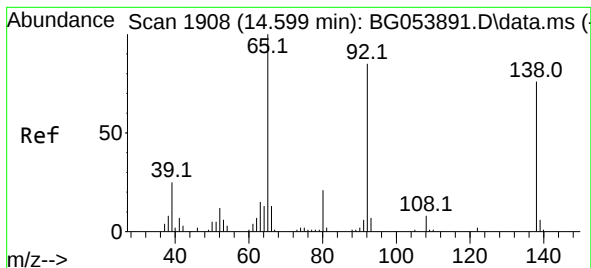
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#52
Acenaphthene
Concen: 44.862 ng m
RT: 14.754 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:154 Resp: 155694
Ion Ratio Lower Upper
154 100
153 118.8 92.7 139.1
152 53.5 42.6 64.0





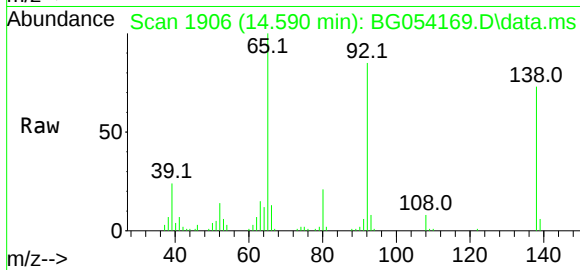
#53
3-Nitroaniline
Concen: 34.572 ng
RT: 14.590 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

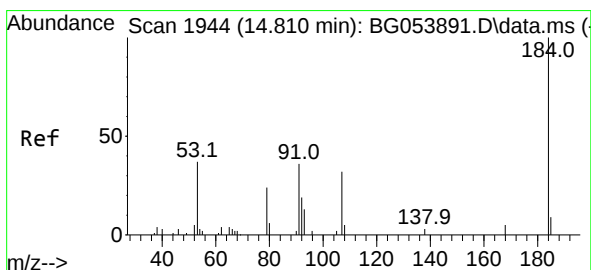
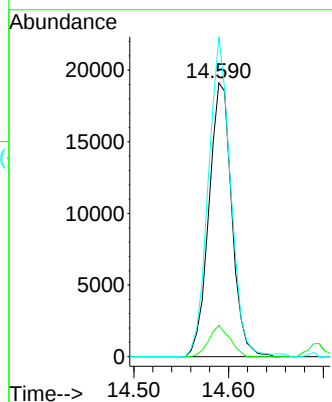
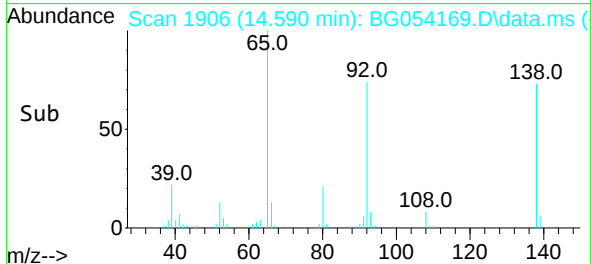


Tgt Ion:138 Resp: 3201
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 116.9 101.9 152.9

Manual Integrations

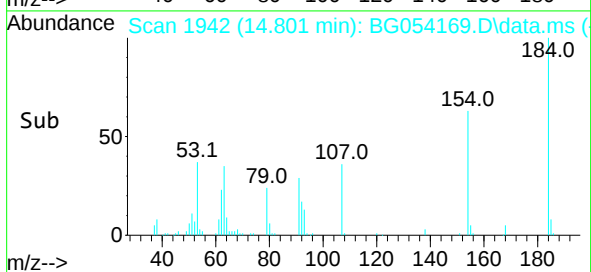
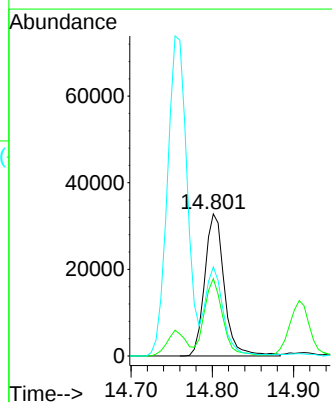
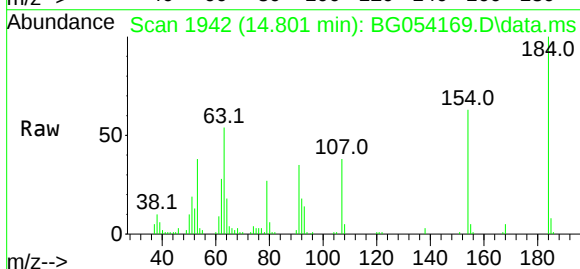
APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#54
2,4-Dinitrophenol
Concen: 101.760 ng
RT: 14.801 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

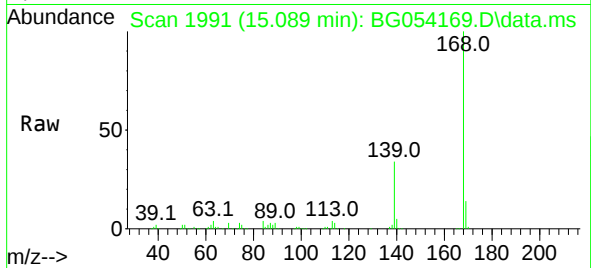
Tgt Ion:184 Resp: 54772
Ion Ratio Lower Upper
184 100
63 54.4 61.1 91.7#
154 62.7 60.6 91.0





#55
Dibenzofuran
Concen: 39.205 ng
RT: 15.089 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

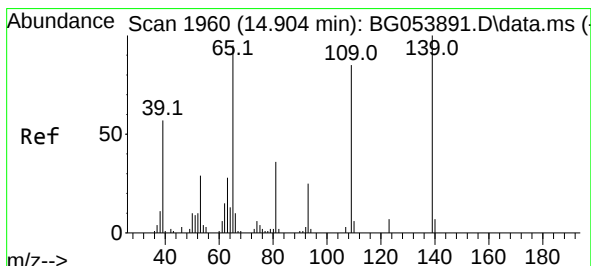
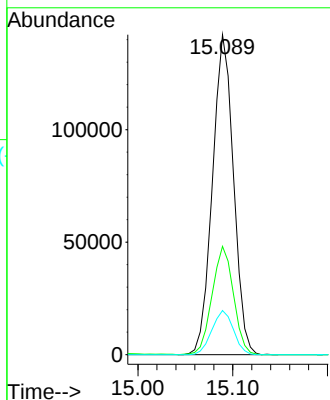
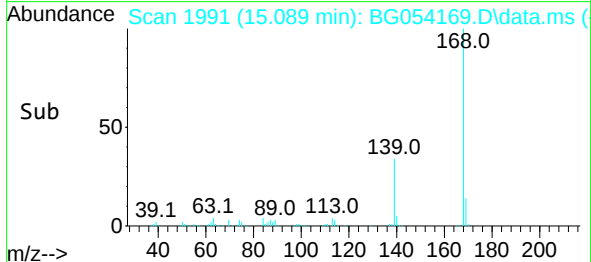
Instrument :
BNA_G
ClientSampleId :
PB145884BS



Tgt Ion:168 Resp: 219220
Ion Ratio Lower Upper
168 100
139 33.9 30.5 45.7
169 13.8 10.3 15.5

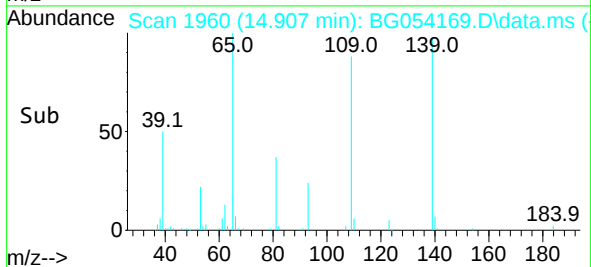
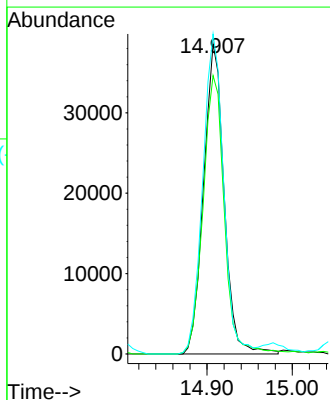
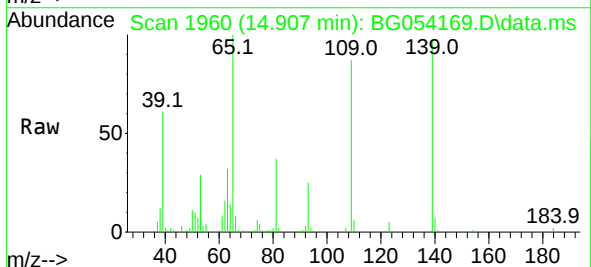
Manual Integrations
APPROVED

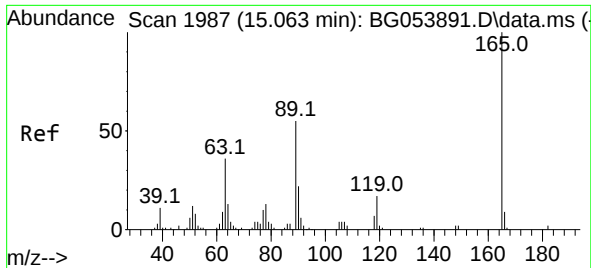
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#56
4-Nitrophenol
Concen: 98.081 ng
RT: 14.907 min Scan# 1960
Delta R.T. 0.009 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:139 Resp: 64475
Ion Ratio Lower Upper
139 100
109 89.8 88.5 128.5
65 103.2 93.9 133.9





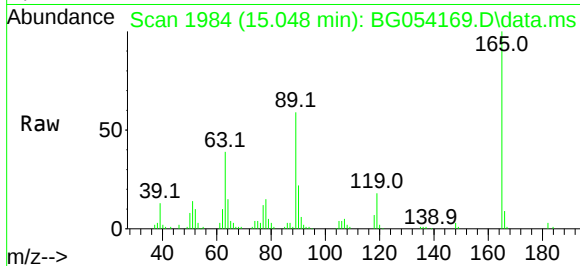
#57
2,4-Dinitrotoluene
Concen: 47.287 ng
RT: 15.048 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

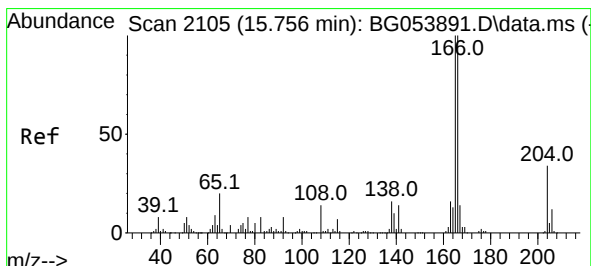
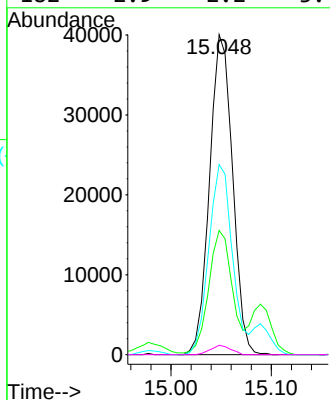
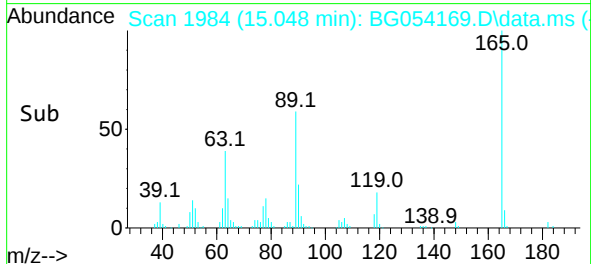


Tgt Ion:165 Resp: 63829
Ion Ratio Lower Upper
165 100
63 38.8 34.6 52.0
89 59.4 60.3 90.5
182 2.9 2.2 3.4

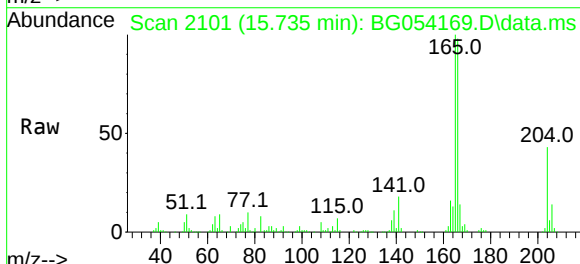
Manual Integrations

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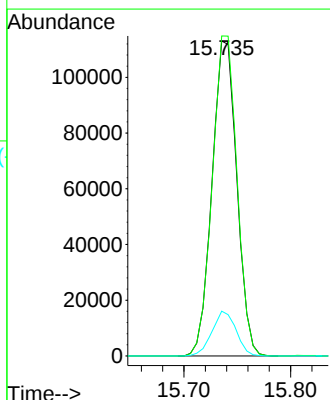
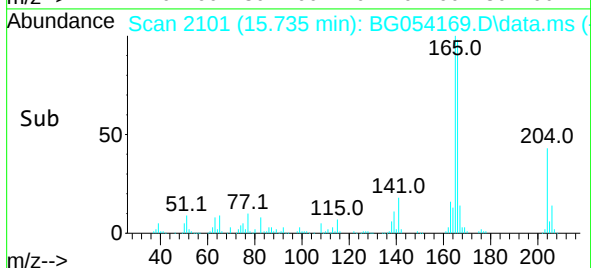
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#58
Fluorene
Concen: 39.671 ng
RT: 15.735 min Scan# 2101
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:166 Resp: 182131
Ion Ratio Lower Upper
166 100
165 101.6 75.0 112.6
167 14.2 10.8 16.2





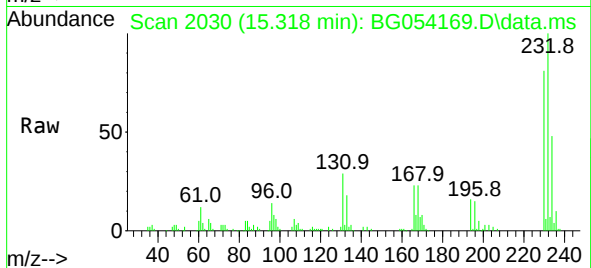
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.312 ng
RT: 15.318 min Scan# 2032
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

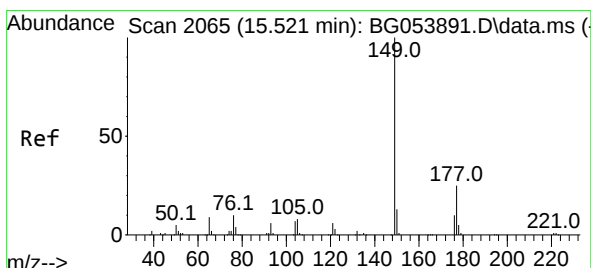
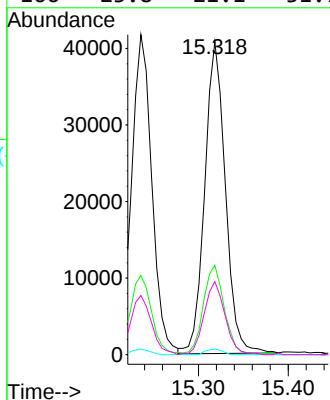
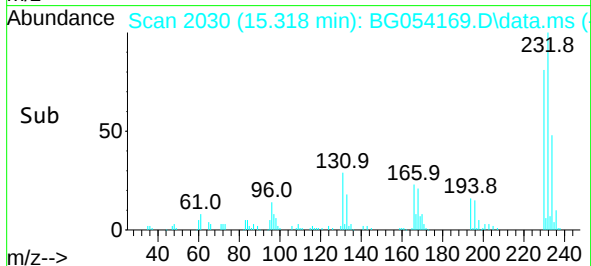


Tgt Ion:232 Resp: 65048
Ion Ratio Lower Upper
232 100
131 29.0 30.6 46.0
130 1.4 1.8 2.8
166 23.8 21.1 31.7

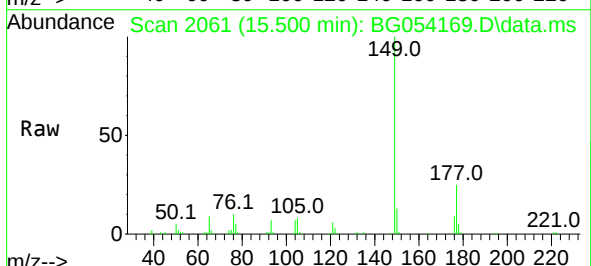
Manual Integrations

APPROVED

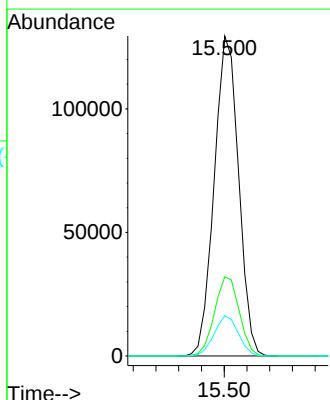
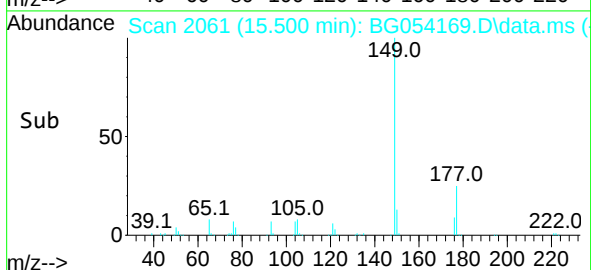
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

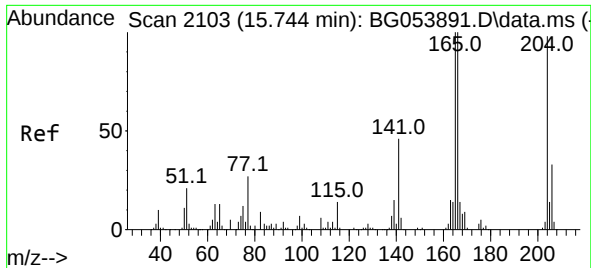


#60
Diethylphthalate
Concen: 42.067 ng
RT: 15.500 min Scan# 2061
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



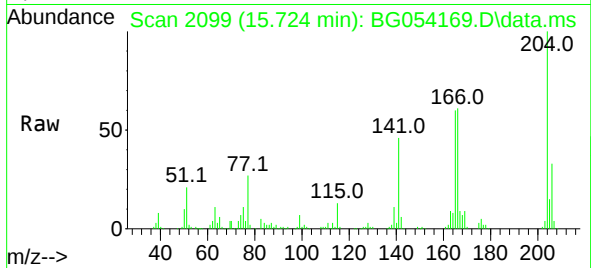
Tgt Ion:149 Resp: 192705
Ion Ratio Lower Upper
149 100
177 24.7 18.4 27.6
150 12.6 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 41.614 ng
RT: 15.724 min Scan# 2099
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

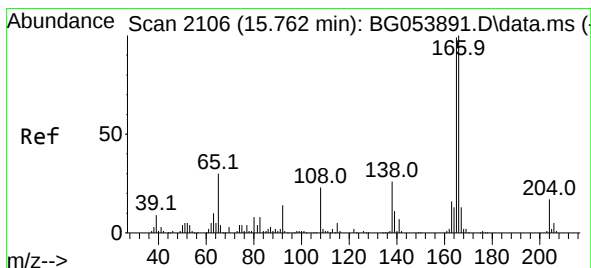
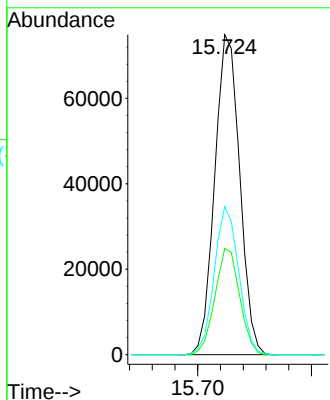
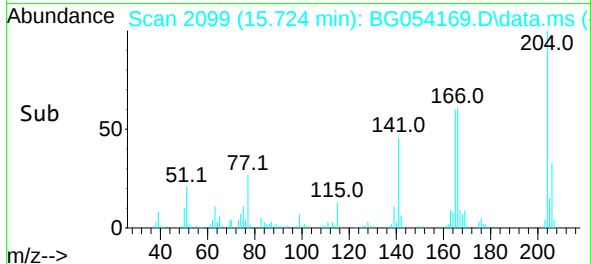
Instrument :
BNA_G
ClientSampleId :
PB145884BS



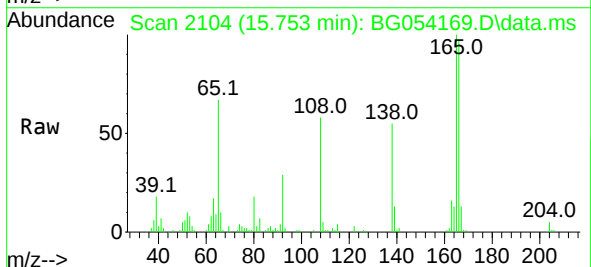
Tgt Ion:204 Resp: 11437
Ion Ratio Lower Upper
204 100
206 33.2 27.5 41.3
141 46.3 45.3 67.9

Manual Integrations
APPROVED

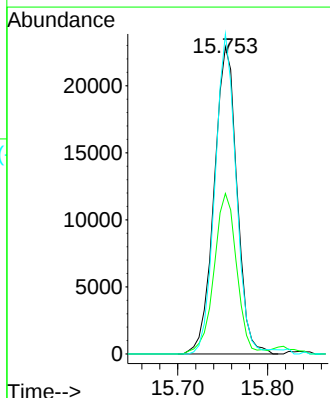
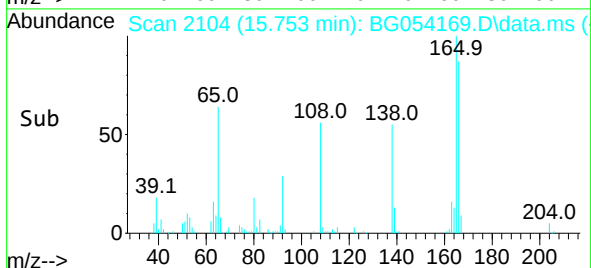
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#62
4-Nitroaniline
Concen: 41.991 ng
RT: 15.753 min Scan# 2104
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:138 Resp: 40546
Ion Ratio Lower Upper
138 100
92 52.3 40.5 80.5
108 104.2 103.7 143.7





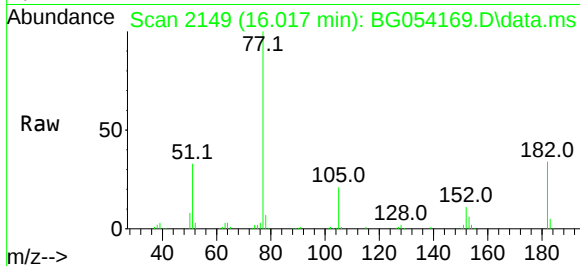
#63
Azobenzene
Concen: 39.976 ng
RT: 16.017 min Scan# 2153
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

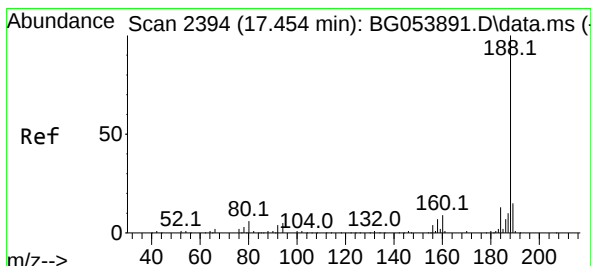
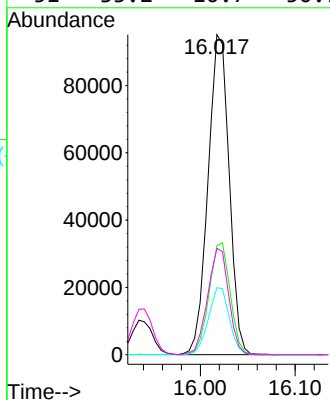
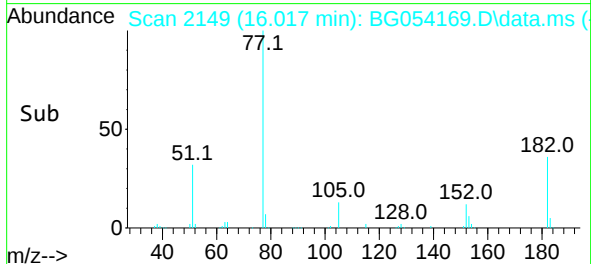


Tgt Ion: 77 Resp: 147408
Ion Ratio Lower Upper
77 100
182 34.0 3.8 43.8
105 21.0 0.0 37.8
51 33.2 10.7 50.7

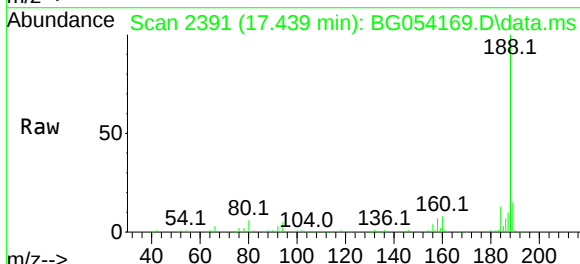
Manual Integrations

APPROVED

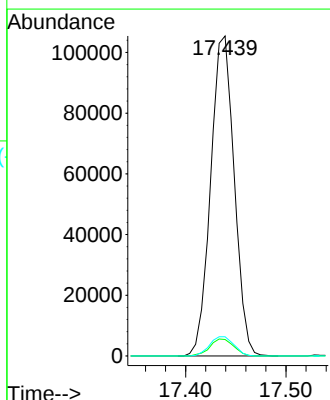
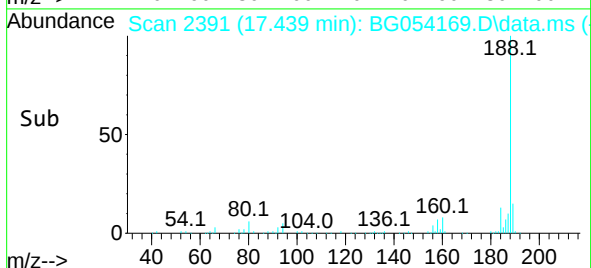
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

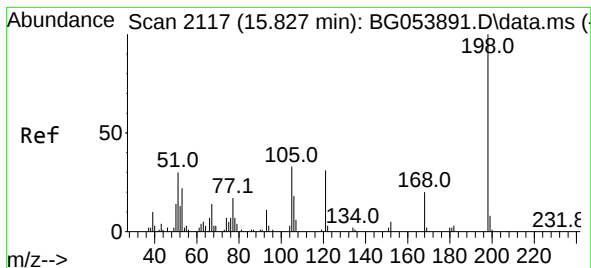


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2391
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:188 Resp: 172022
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.0 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 48.738 ng
RT: 15.818 min Scan# 2115
Delta R.T. 0.003 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

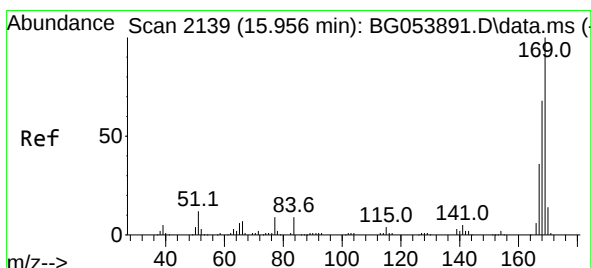
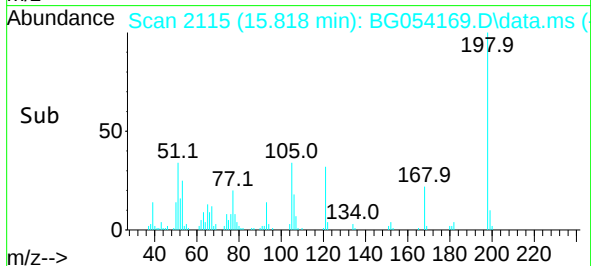
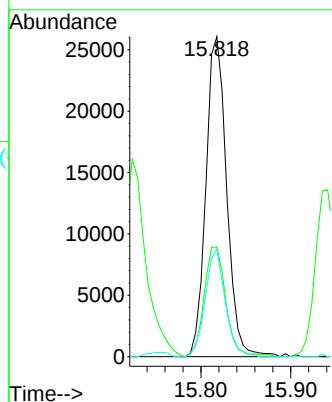
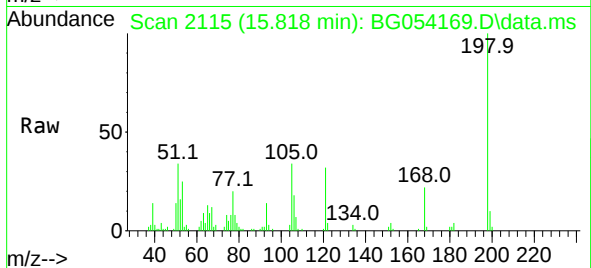
ClientSampleId :

PB145884BS

Tgt Ion:198 Resp: 41828
Ion Ratio Lower Upper
198 100
51 34.3 28.1 68.1
105 33.6 20.3 60.3

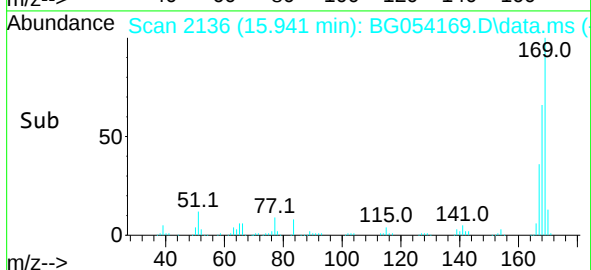
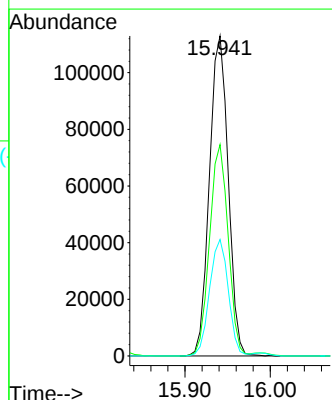
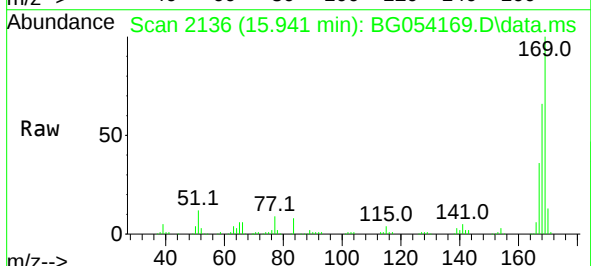
Manual Integrations
APPROVED

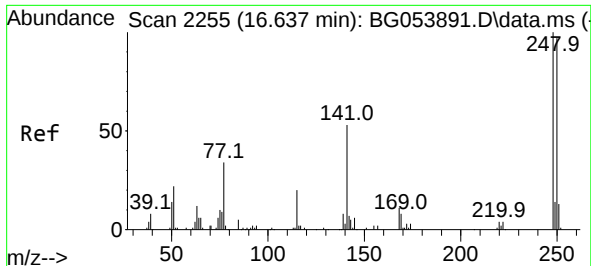
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#66
n-Nitrosodiphenylamine
Concen: 38.478 ng
RT: 15.941 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

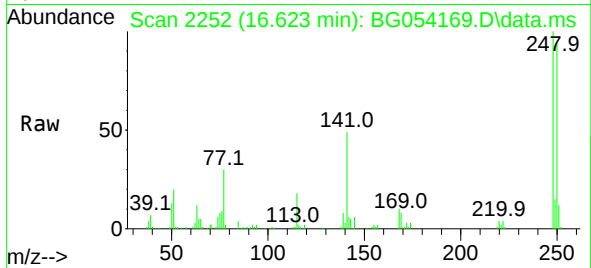
Tgt Ion:169 Resp: 172506
Ion Ratio Lower Upper
169 100
168 66.1 55.9 83.9
167 36.4 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 39.263 ng
RT: 16.623 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

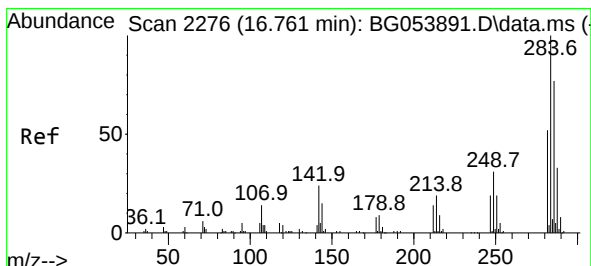
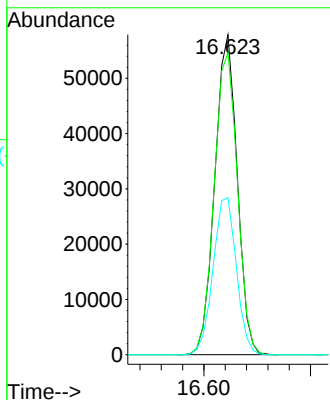
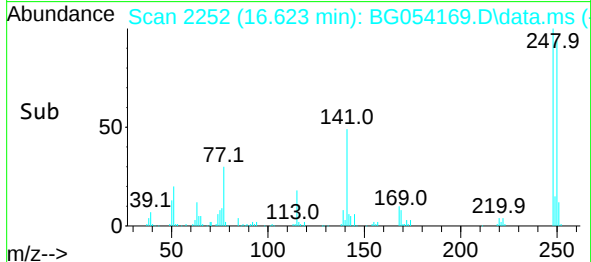
Instrument :
BNA_G
ClientSampleId :
PB145884BS



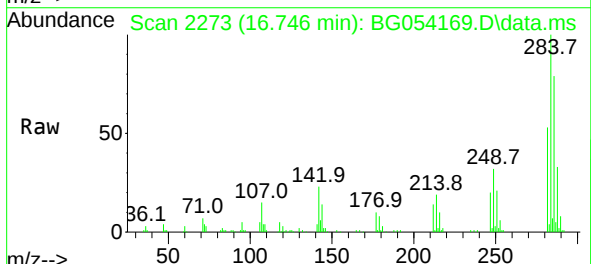
Tgt Ion:248 Resp: 8435
Ion Ratio Lower Upper
248 100
250 94.4 75.2 112.8
141 49.1 50.0 75.0

Manual Integrations
APPROVED

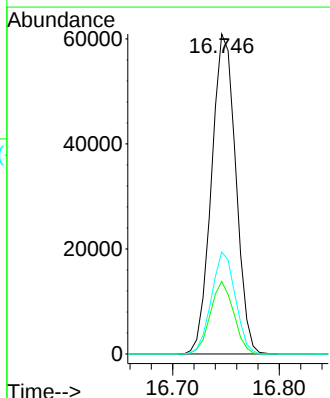
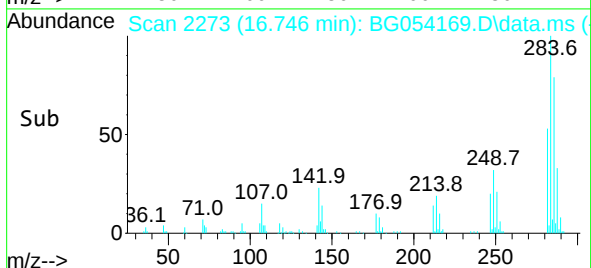
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

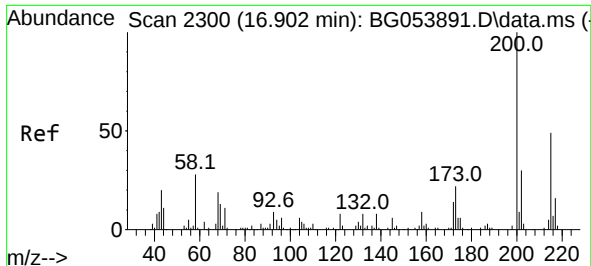


#68
Hexachlorobenzene
Concen: 39.205 ng
RT: 16.746 min Scan# 2273
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:284 Resp: 96352
Ion Ratio Lower Upper
284 100
142 22.7 23.6 35.4#
249 34.4 25.8 38.6





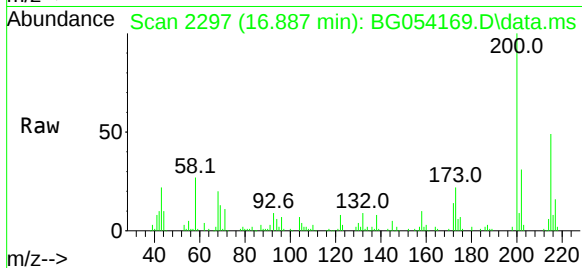
#69
 Atrazine
 Concen: 43.524 ng
 RT: 16.887 min Scan# 211
 Delta R.T. -0.002 min
 Lab File: BG054169.D
 Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

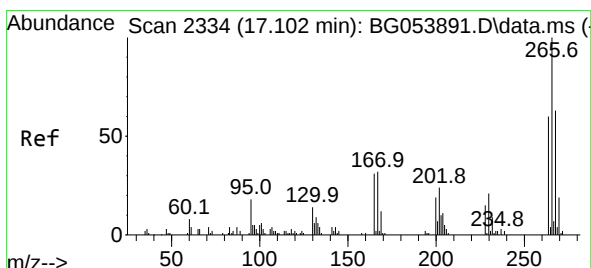
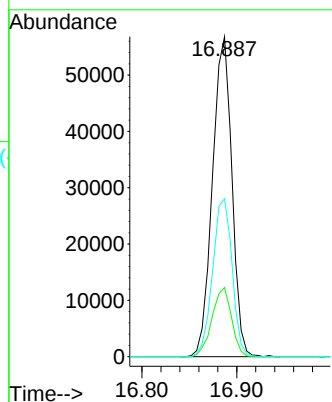
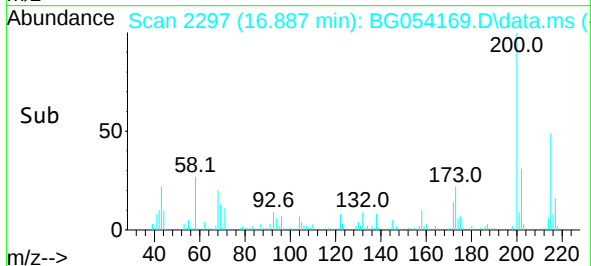


Tgt Ion:200 Resp: 80832
 Ion Ratio Lower Upper
 200 100
 173 21.6 3.7 43.7
 215 49.3 25.2 65.2

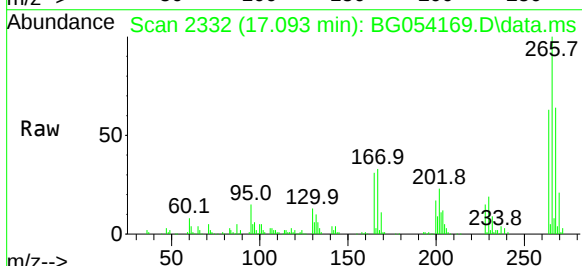
Manual Integrations

APPROVED

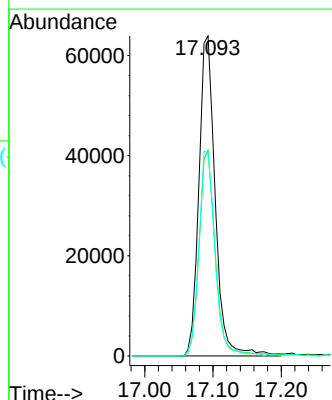
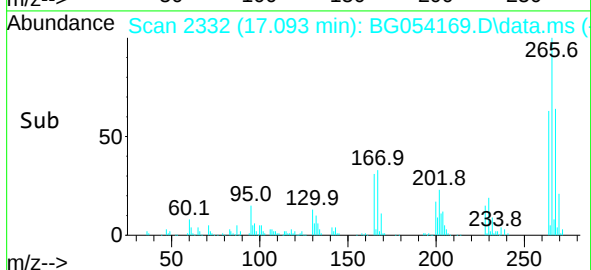
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

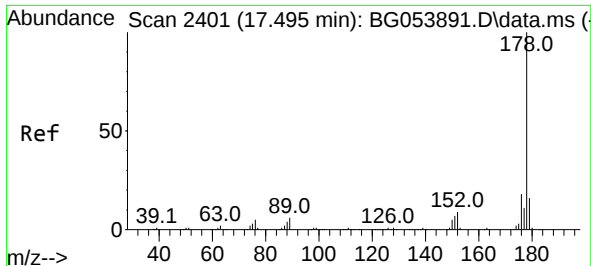


#70
 Pentachlorophenol
 Concen: 93.311 ng
 RT: 17.093 min Scan# 2332
 Delta R.T. -0.002 min
 Lab File: BG054169.D
 Acq: 30 Jun 2022 14:45



Tgt Ion:266 Resp: 106525
 Ion Ratio Lower Upper
 266 100
 268 68.7 56.2 84.2
 264 68.1 53.0 79.4





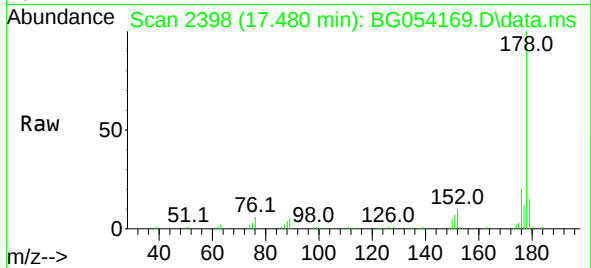
#71
Phenanthrene
Concen: 38.092 ng
RT: 17.480 min Scan# 2401
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

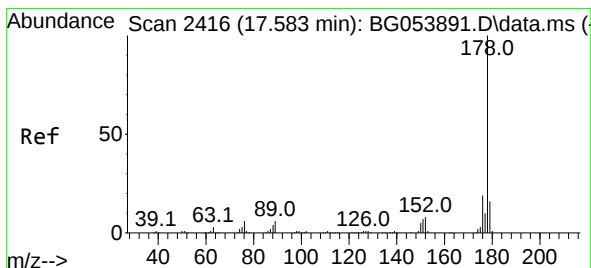
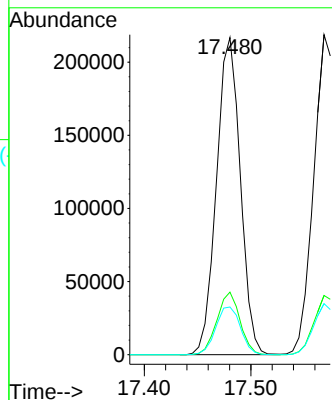


Tgt Ion:178 Resp: 336658
Ion Ratio Lower Upper
178 100
176 19.7 14.1 21.1
179 15.0 12.1 18.1

Manual Integrations

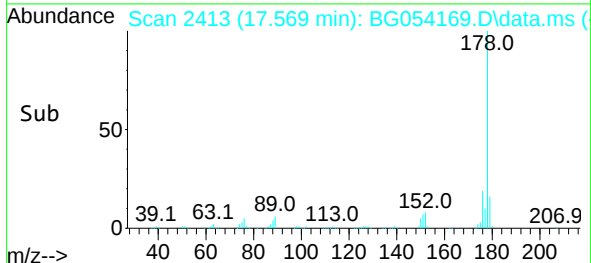
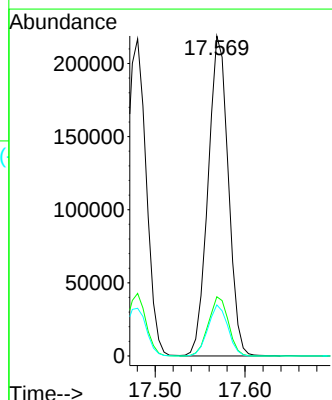
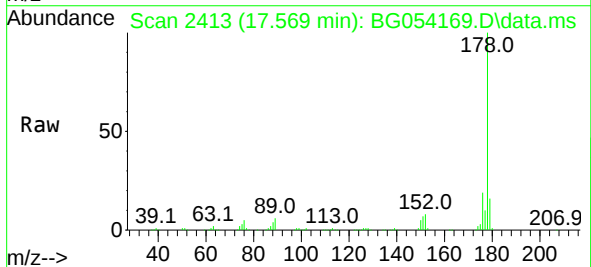
APPROVED

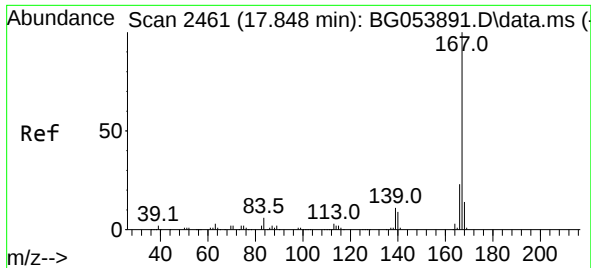
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#72
Anthracene
Concen: 39.632 ng
RT: 17.569 min Scan# 2413
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:178 Resp: 342040
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.9 13.0 19.4





#73
Carbazole
Concen: 41.002 ng
RT: 17.839 min Scan# 2461
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

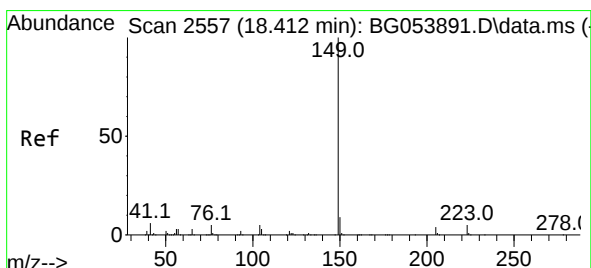
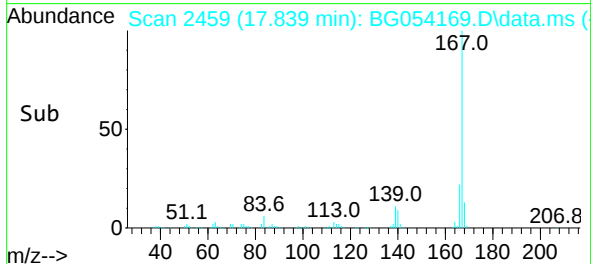
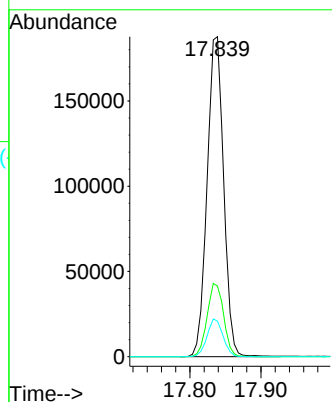
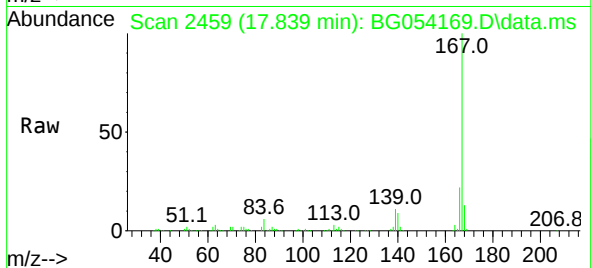
PB145884BS

Tgt Ion:167 Resp: 303730
Ion Ratio Lower Upper
167 100
166 22.1 18.2 27.2
139 11.1 10.1 15.1

Manual Integrations

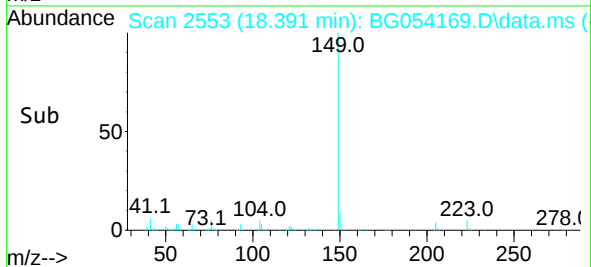
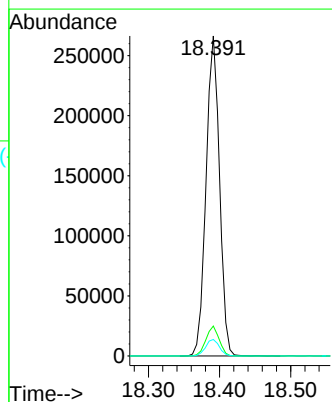
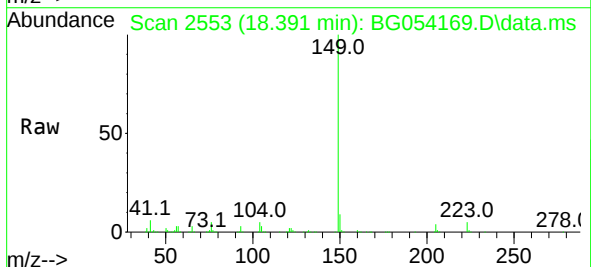
APPROVED

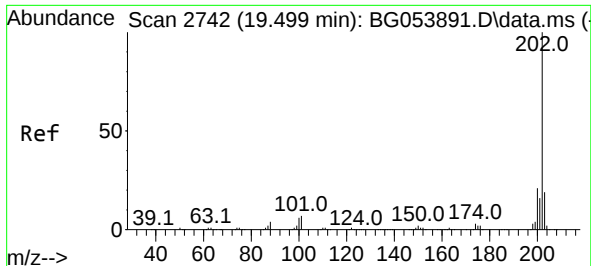
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#74
Di-n-butylphthalate
Concen: 40.949 ng
RT: 18.391 min Scan# 2553
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:149 Resp: 350735
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.2 5.4 8.0#





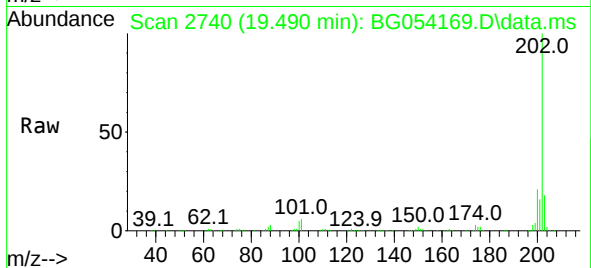
#75
Fluoranthene
Concen: 39.580 ng
RT: 19.490 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

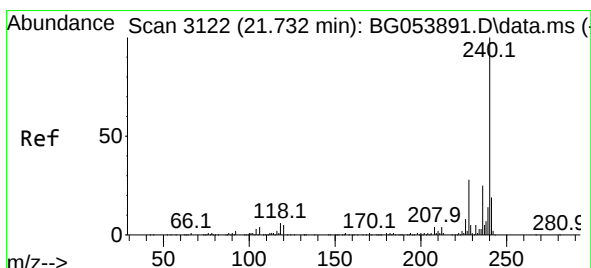
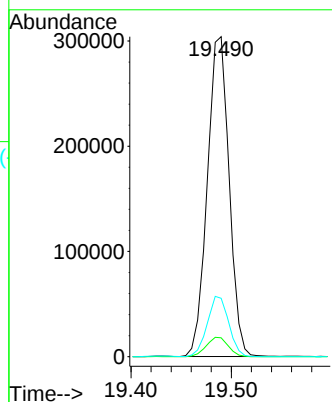
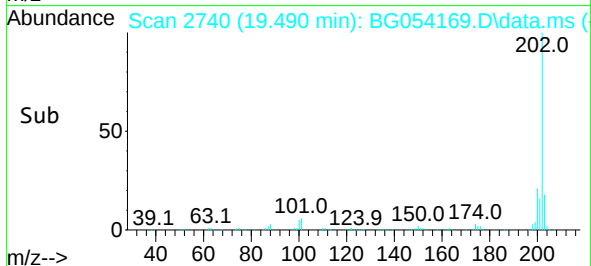


Tgt Ion:202 Resp: 459208
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.9
203 18.2 0.0 37.2

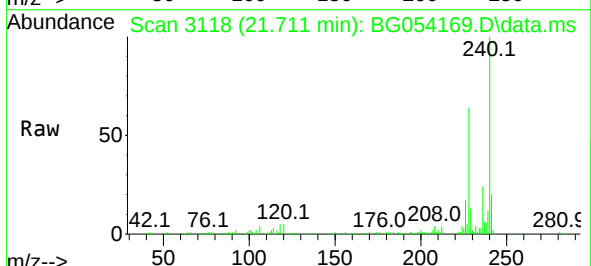
Manual Integrations

APPROVED

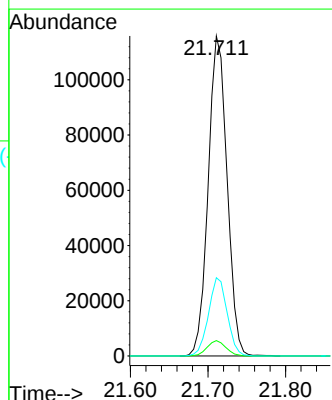
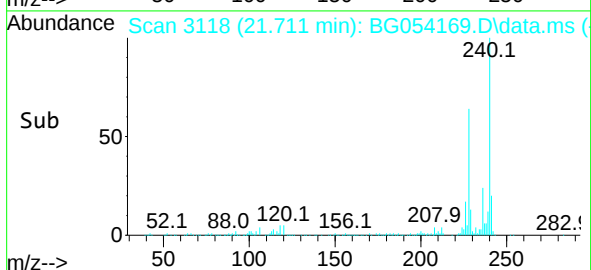
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

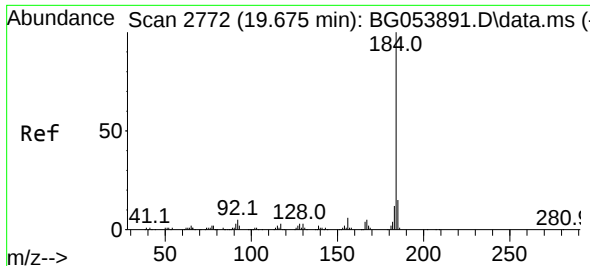


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



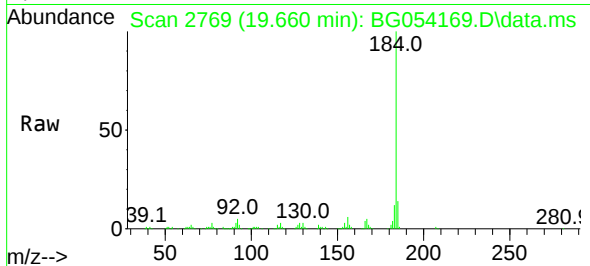
Tgt Ion:240 Resp: 195564
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 24.5 20.2 30.4





#77
Benzidine
Concen: 39.148 ng
RT: 19.660 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

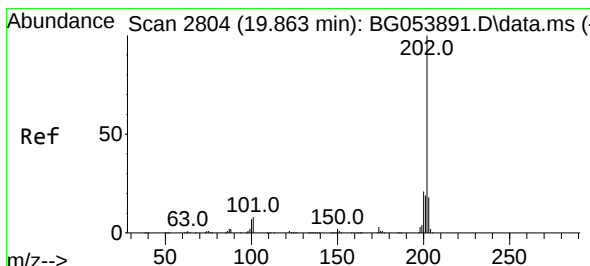
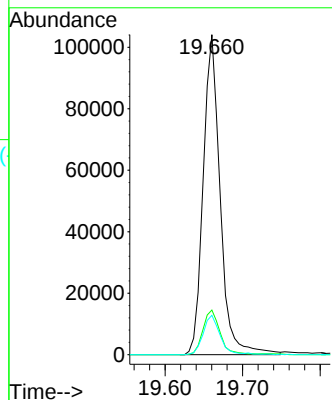
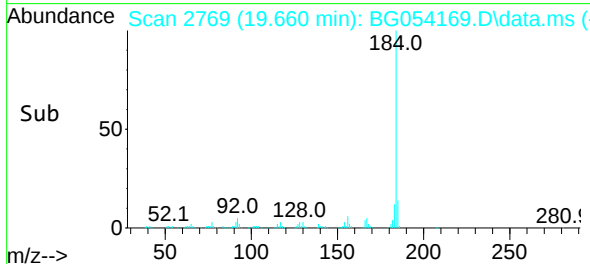
Instrument :
BNA_G
ClientSampleId :
PB145884BS



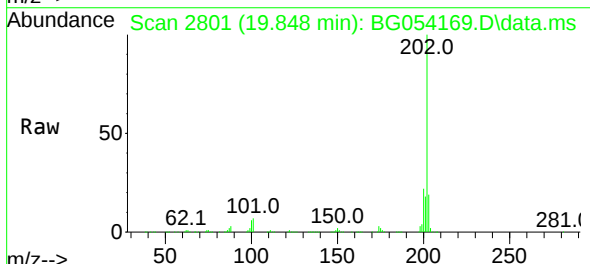
Tgt Ion:184 Resp: 158548
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 12.3 8.9 13.3

Manual Integrations
APPROVED

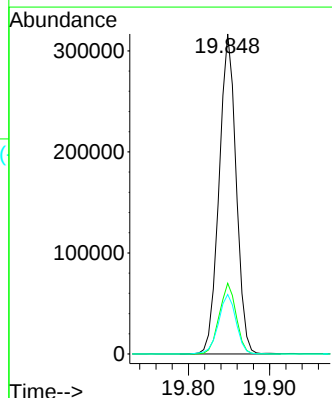
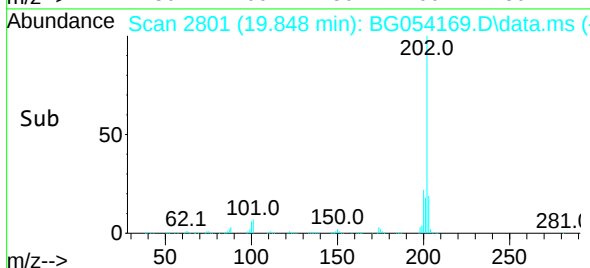
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

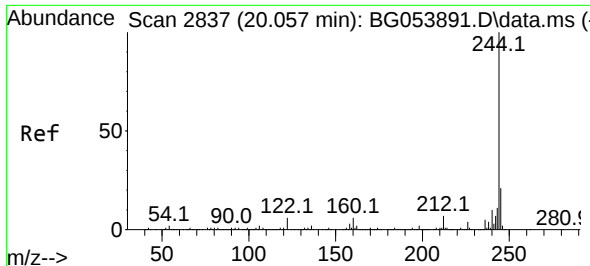


#78
Pyrene
Concen: 39.173 ng
RT: 19.848 min Scan# 2801
Delta R.T. -0.002 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



Tgt Ion:202 Resp: 462698
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 18.6 14.6 21.8





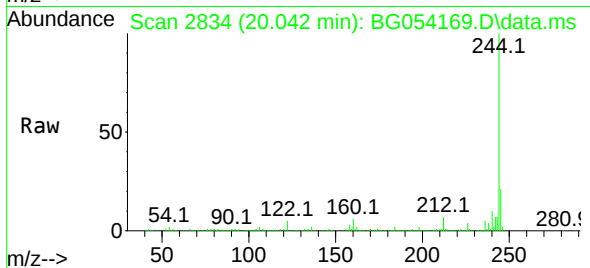
#79
 Terphenyl-d14
 Concen: 81.310 ng
 RT: 20.042 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054169.D
 Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

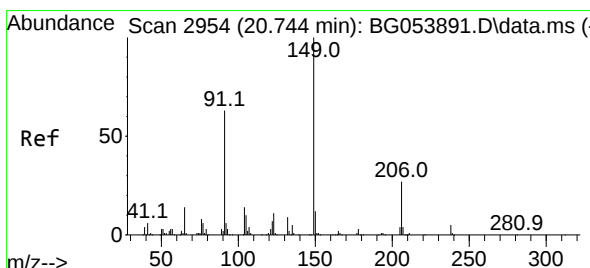
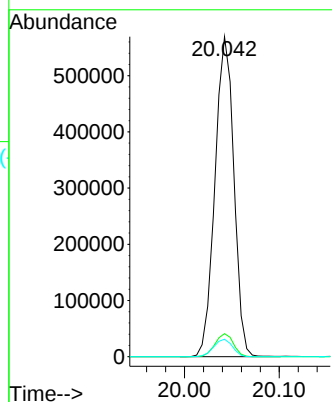
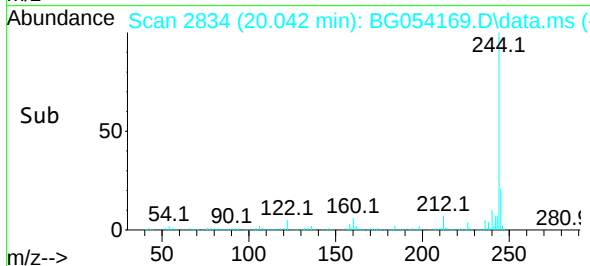


Tgt Ion:244 Resp: 789510
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 5.4 5.0 7.4

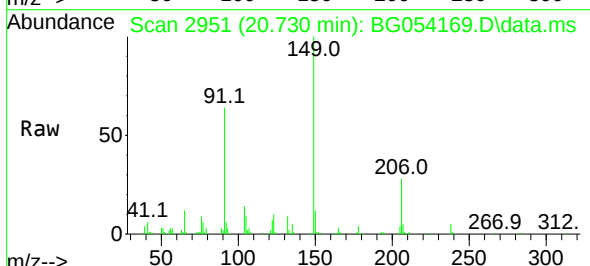
Manual Integrations

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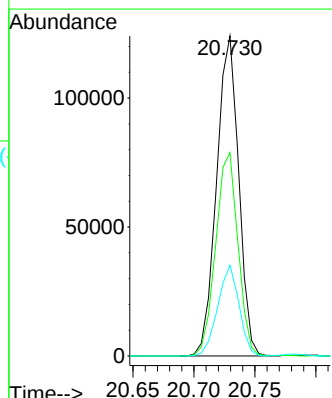
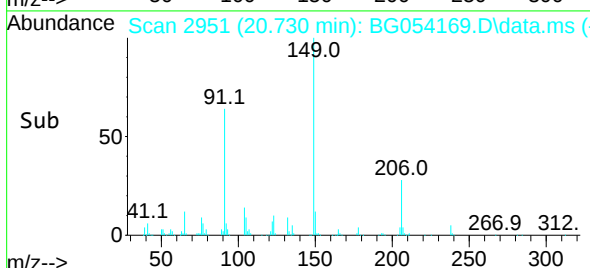
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

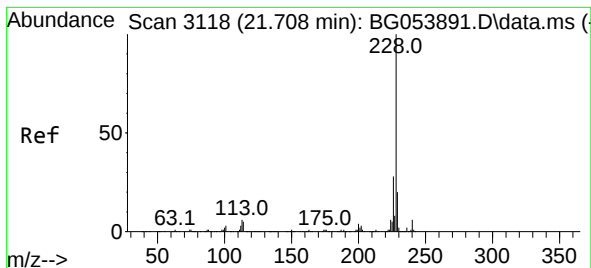


#80
 Butylbenzylphthalate
 Concen: 41.381 ng
 RT: 20.730 min Scan# 2951
 Delta R.T. -0.002 min
 Lab File: BG054169.D
 Acq: 30 Jun 2022 14:45



Tgt Ion:149 Resp: 156667
 Ion Ratio Lower Upper
 149 100
 91 63.5 59.6 89.4
 206 28.4 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 39.695 ng

RT: 21.693 min Scan# 3115

Delta R.T. -0.002 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

Tgt Ion:228 Resp: 50263

Ion Ratio Lower Upper

228 100

226 28.3 21.6 32.4

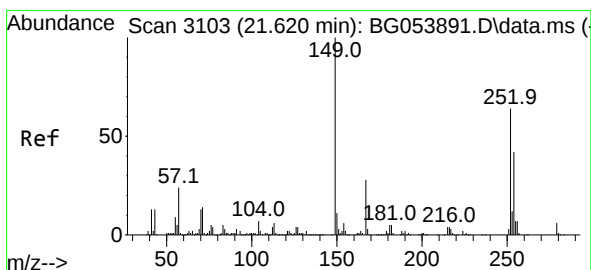
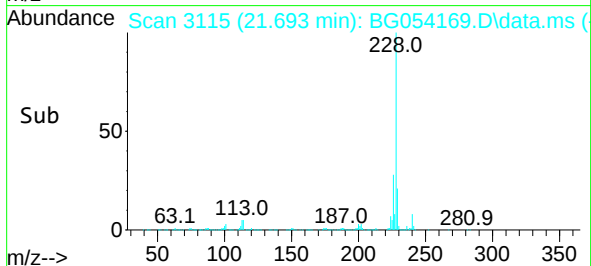
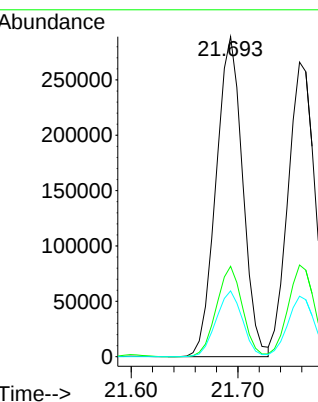
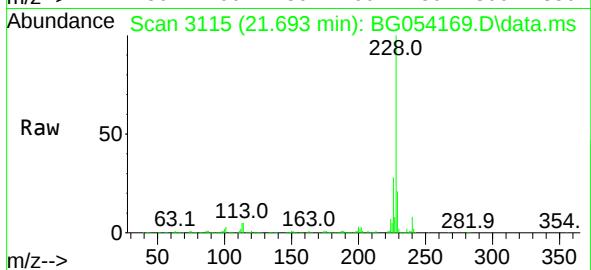
229 20.5 16.2 24.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#82

3,3'-Dichlorobenzidine

Concen: 39.824 ng

RT: 21.605 min Scan# 3100

Delta R.T. -0.002 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

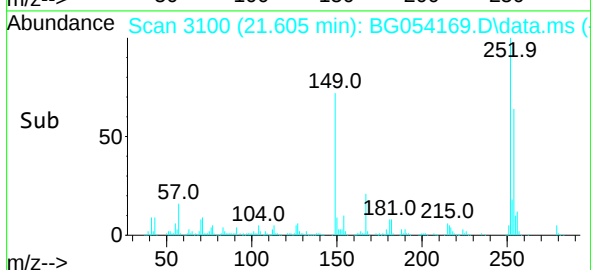
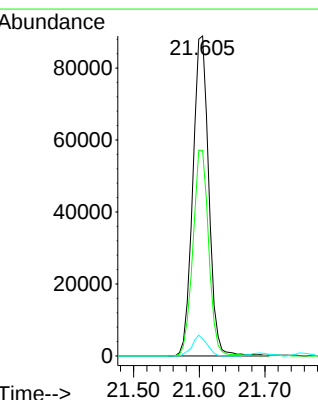
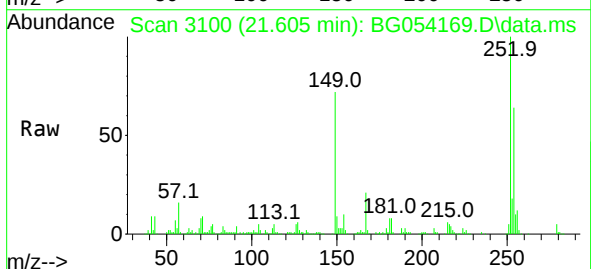
Tgt Ion:252 Resp: 150660

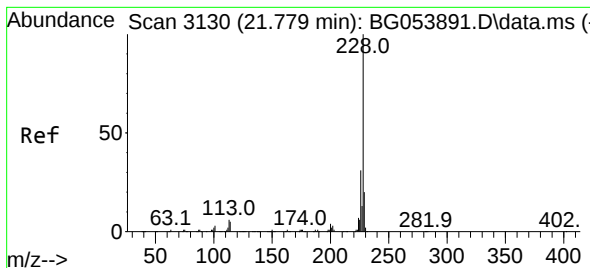
Ion Ratio Lower Upper

252 100

254 64.2 49.8 74.8

126 5.3 6.0 9.0#





#83

Chrysene

Concen: 38.406 ng

RT: 21.758 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

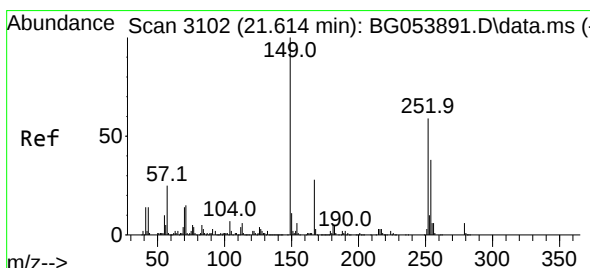
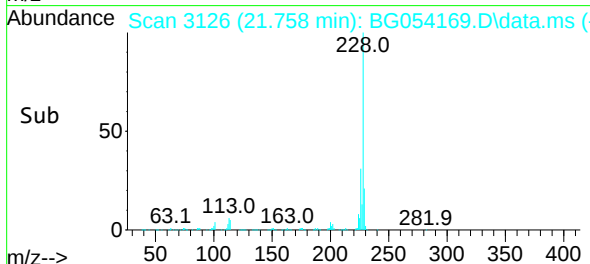
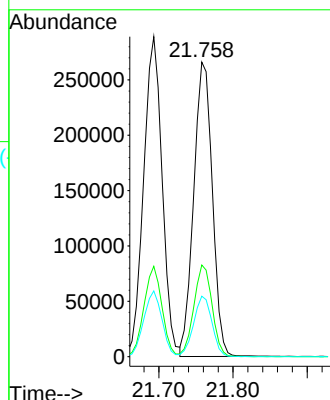
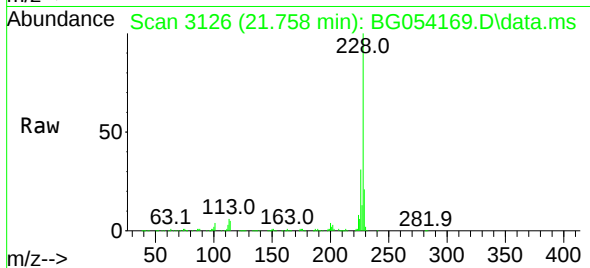
PB145884BS

Tgt Ion:228 Resp: 463554
 Ion Ratio Lower Upper
 228 100
 226 31.1 23.4 35.2
 229 20.5 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.144 ng

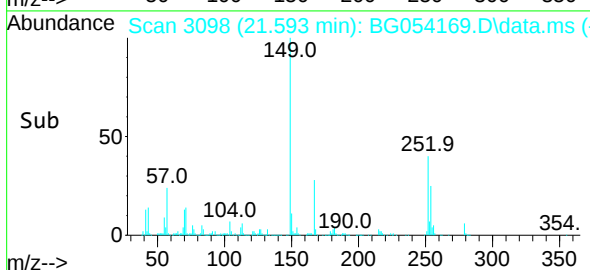
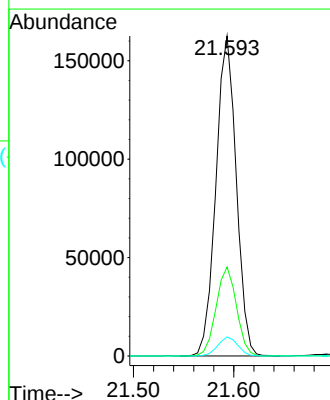
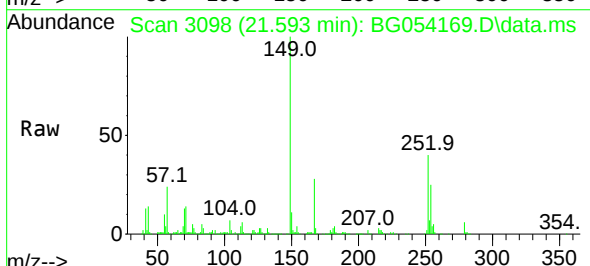
RT: 21.593 min Scan# 3098

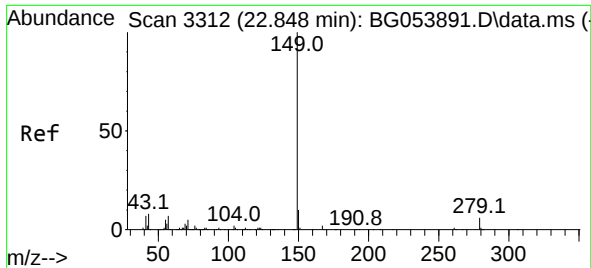
Delta R.T. -0.008 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

Tgt Ion:149 Resp: 228198
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.2 30.4
 279 5.9 3.6 5.4#





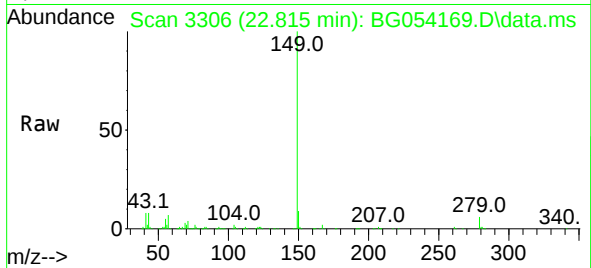
#85
Di-n-octyl phthalate
Concen: 41.923 ng
RT: 22.815 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

PB145884BS

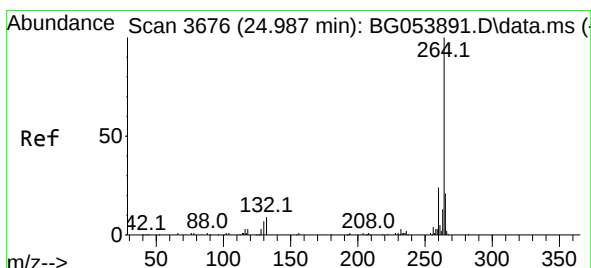
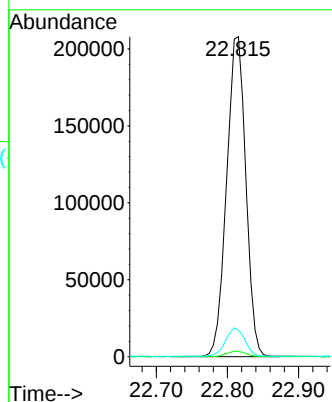
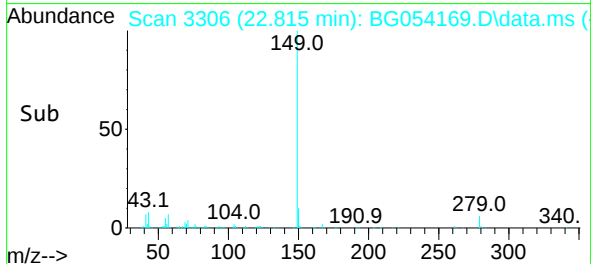


Tgt Ion:149 Resp: 39016
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 9.0 13.4

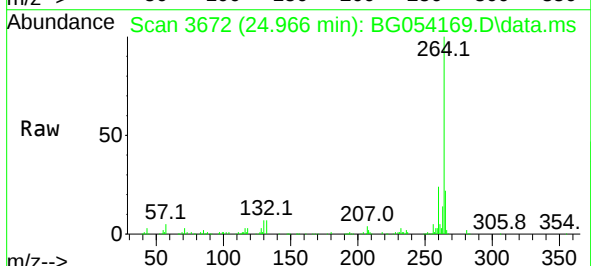
Manual Integrations

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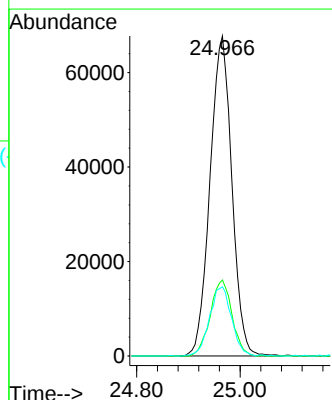
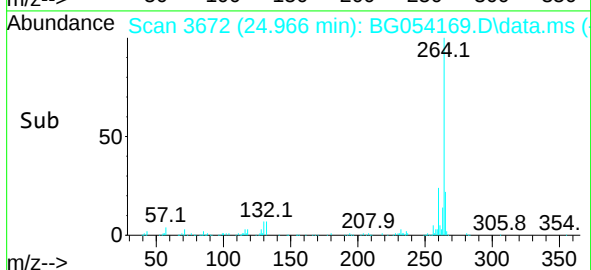
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.966 min Scan# 3672
Delta R.T. 0.003 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45



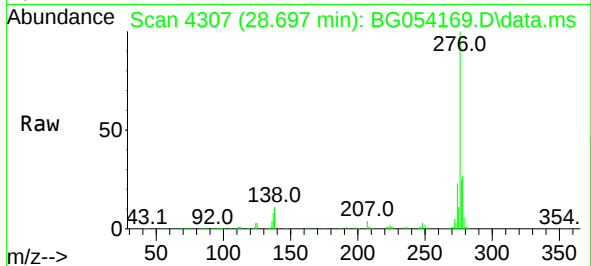
Tgt Ion:264 Resp: 198346
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.6 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.522 ng
 RT: 28.697 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BG054169.D
 Acq: 30 Jun 2022 14:45

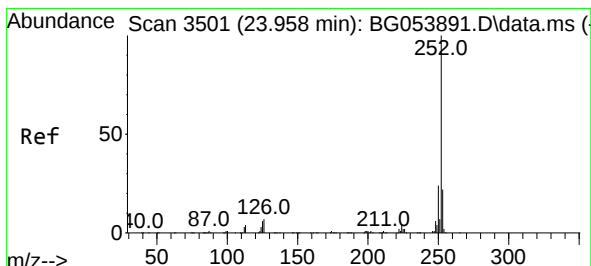
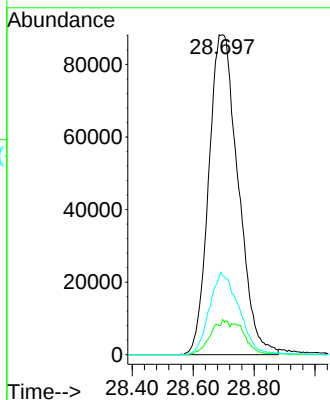
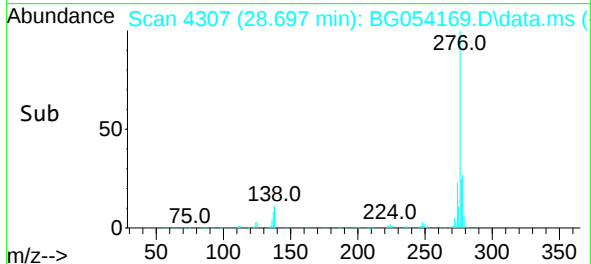
Instrument :
 BNA_G
 ClientSampleId :
 PB145884BS



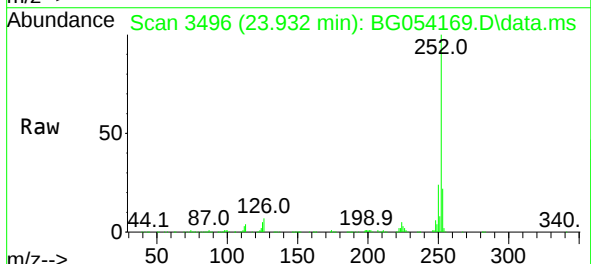
Tgt Ion:276 Resp: 59156
 Ion Ratio Lower Upper
 276 100
 138 6.9 5.0 7.4
 277 25.8 20.3 30.5

Manual Integrations
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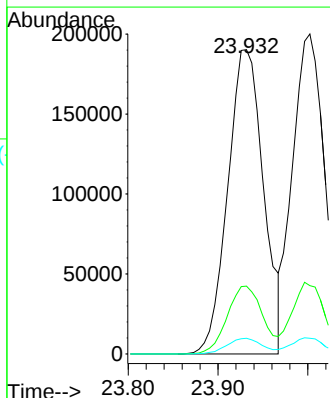
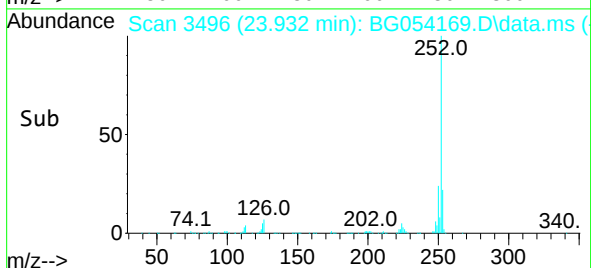
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

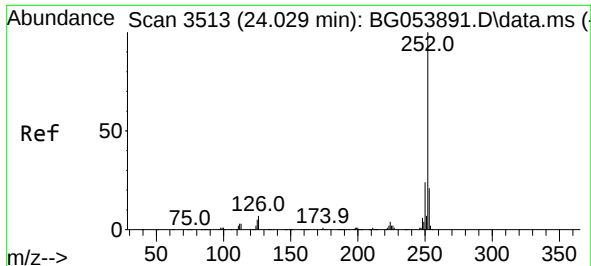


#88
 Benzo(b)fluoranthene
 Concen: 43.674 ng
 RT: 23.932 min Scan# 3496
 Delta R.T. -0.002 min
 Lab File: BG054169.D
 Acq: 30 Jun 2022 14:45



Tgt Ion:252 Resp: 526711
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 5.2 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 41.317 ng

RT: 24.002 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

Instrument :

BNA_G

ClientSampleId :

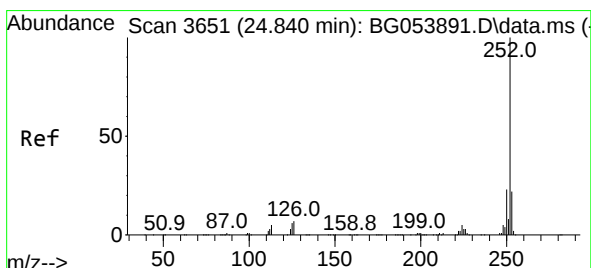
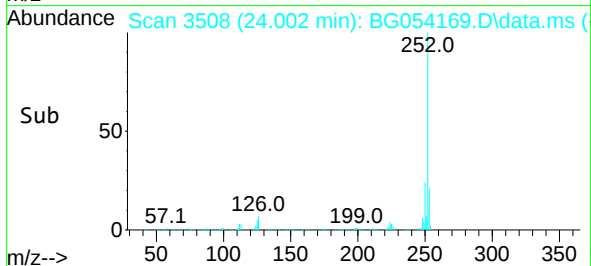
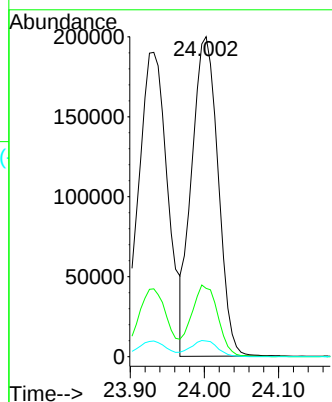
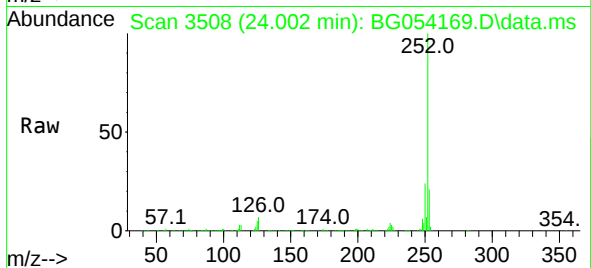
PB145884BS

Tgt Ion:252 Resp: 49334
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.4 27.6
 125 4.9 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#90

Benzo(a)pyrene

Concen: 48.967 ng

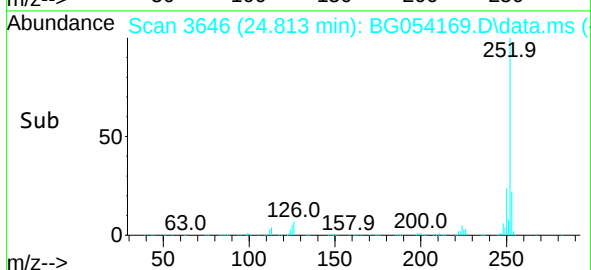
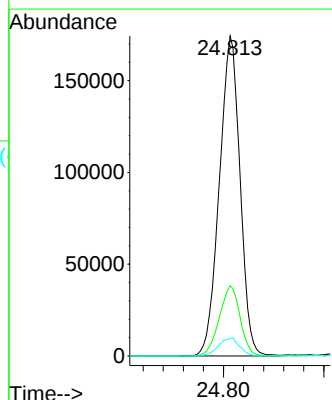
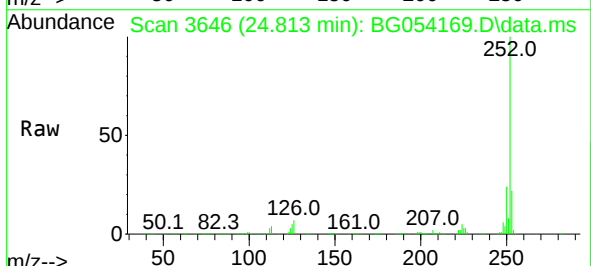
RT: 24.813 min Scan# 3646

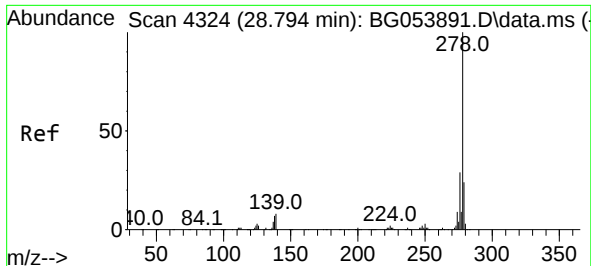
Delta R.T. -0.002 min

Lab File: BG054169.D

Acq: 30 Jun 2022 14:45

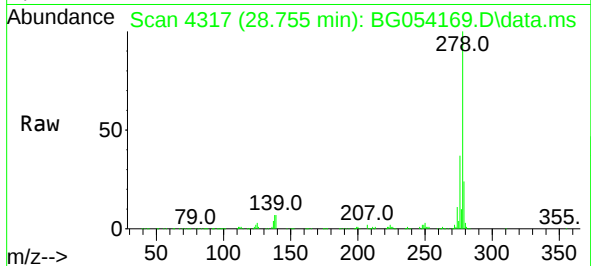
Tgt Ion:252 Resp: 498254
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 5.4 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 42.405 ng
RT: 28.755 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

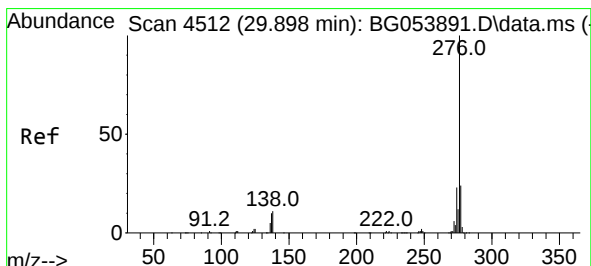
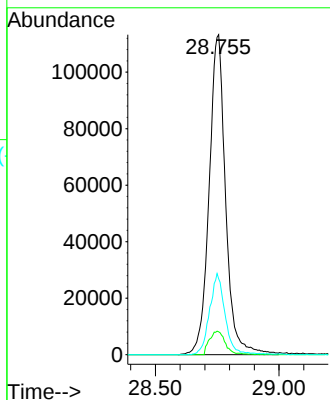
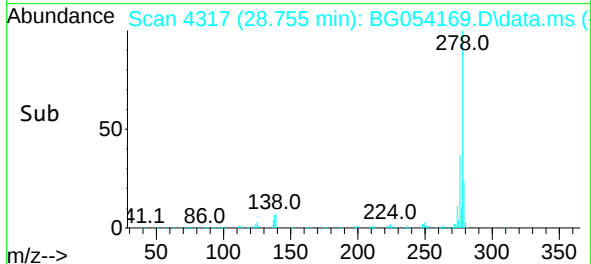
Instrument :
BNA_G
ClientSampleId :
PB145884BS



Tgt Ion:278 Resp: 52486
Ion Ratio Lower Upper
278 100
139 7.2 7.2 10.8
279 23.7 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#92
Benzo(g,h,i)perylene
Concen: 42.002 ng
RT: 29.854 min Scan# 4504
Delta R.T. -0.008 min
Lab File: BG054169.D
Acq: 30 Jun 2022 14:45

Tgt Ion:276 Resp: 513056
Ion Ratio Lower Upper
276 100
277 23.5 17.3 25.9
138 9.1 9.6 14.4#

