

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053816.D
 Acq On : 3 Jun 2022 16:58
 Operator : CG/JU
 Sample : N3170-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-DMS

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 03:05:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	27856	20.000	ng	0.00
21) Naphthalene-d8	10.905	136	111933	20.000	ng	0.00
39) Acenaphthene-d10	14.718	164	75974	20.000	ng	0.00
64) Phenanthrene-d10	17.462	188	170826	20.000	ng	0.00
76) Chrysene-d12	21.739	240	170290	20.000	ng	0.00
86) Perylene-d12	25.006	264	181811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	15151	9.988	ng	0.00
7) Phenol-d6	7.244	99	69473	33.810	ng	0.00
23) Nitrobenzene-d5	9.254	82	130265	76.423	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	1952	2.117	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	302203	59.507	ng	0.00
79) Terphenyl-d14	20.065	244	499387	58.341	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.549	88	25526	34.801	ng	Qvalue
3) Pyridine	3.948	79	65650	36.926	ng	# 88
4) n-Nitrosodimethylamine	3.860	42	40897	50.946	ng	88
6) Aniline	7.415	93	106385	42.539	ng	96
8) 2-Chlorophenol	7.656	128	83583	53.827	ng	96
9) Benzaldehyde	7.221	77	55800	40.725	ng	94
10) Phenol	7.268	94	108389	51.048	ng	83
11) bis(2-Chloroethyl)ether	7.503	93	79963	47.881	ng	93
12) 1,3-Dichlorobenzene	7.985	146	94437	47.791	ng	96
13) 1,4-Dichlorobenzene	8.132	146	94833	47.191	ng	92
14) 1,2-Dichlorobenzene	8.449	146	92706	48.154	ng	97
15) Benzyl Alcohol	8.326	79	79034	51.385	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.619	45	131659	44.934	ng	96
17) 2-Methylphenol	8.525	107	72509	49.959	ng	99
18) Hexachloroethane	9.183	117	32552	48.957	ng	91
19) n-Nitroso-di-n-propyla...	8.895	70	66450	45.659	ng	# 79
20) 3+4-Methylphenols	8.854	107	100455	50.944	ng	90
22) Acetophenone	8.913	105	127132	45.996	ng	96
24) Nitrobenzene	9.295	77	94264	49.648	ng	# 97
25) Isophorone	9.818	82	182688	47.818	ng	# 88
26) 2-Nitrophenol	10.006	139	41058	65.442	ng	96
27) 2,4-Dimethylphenol	10.065	122	80345	58.500	ng	# 84
28) bis(2-Chloroethoxy)met...	10.300	93	106768	51.428	ng	90
29) 2,4-Dichlorophenol	10.546	162	92117	55.843	ng	96
30) 1,2,4-Trichlorobenzene	10.764	180	101307	48.523	ng	90
31) Naphthalene	10.952	128	261489	45.645	ng	94
32) Benzoic acid	10.188	122	50746	55.874	ng	99
33) 4-Chloroaniline	11.052	127	86115	36.258	ng	# 84
34) Hexachlorobutadiene	11.246	225	73395	49.621	ng	94
35) Caprolactam	11.827	113	24889	52.792	ng	97
36) 4-Chloro-3-methylphenol	12.162	107	89848	51.177	ng	89
37) 2-Methylnaphthalene	12.556	142	188607	45.383	ng	92
38) 1-Methylnaphthalene	12.773	142	178553	43.935	ng	96
40) 1,2,4,5-Tetrachloroben...	12.920	216	132767	52.041	ng	98
41) Hexachlorocyclopentadiene	12.903	237	57326	44.205	ng	96
43) 2,4,6-Trichlorophenol	13.149	196	79866	57.723	ng	94

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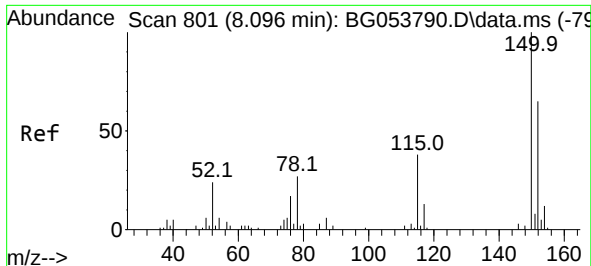
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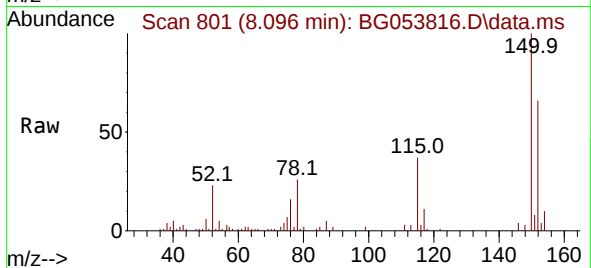
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.220	196	85480	55.526	ng	95
46) 1,1'-Biphenyl	13.555	154	258943	47.823	ng	98
47) 2-Chloronaphthalene	13.596	162	201326	47.793	ng	97
48) 2-Nitroaniline	13.784	65	59789	54.974	ng	94
49) Acenaphthylene	14.442	152	330784	48.948	ng	99
50) Dimethylphthalate	14.166	163	252772	45.399	ng	99
51) 2,6-Dinitrotoluene	14.277	165	53919	53.533	ng	# 82
52) Acenaphthene	14.783	154	200306	46.654	ng	97
53) 3-Nitroaniline	14.606	138	47922	44.495	ng	89
54) 2,4-Dinitrophenol	14.812	184	27592	57.214	ng	# 84
55) Dibenzofuran	15.112	168	314308	45.922	ng	95
56) 4-Nitrophenol	14.906	139	86262	96.169	ng	# 88
57) 2,4-Dinitrotoluene	15.065	165	73576	53.584	ng	90
58) Fluorene	15.764	166	253036	44.651	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.335	232	79227m	47.314	ng	
60) Diethylphthalate	15.529	149	250621	44.445	ng	97
61) 4-Chlorophenyl-phenyle...	15.752	204	143947	47.116	ng	93
62) 4-Nitroaniline	15.770	138	50739	43.607	ng	# 73
63) Azobenzene	16.046	77	223686	42.395	ng	91
65) 4,6-Dinitro-2-methylph...	15.828	198	23920	37.905	ng	89
66) n-Nitrosodiphenylamine	15.964	169	227676	50.121	ng	98
67) 4-Bromophenyl-phenylether	16.645	248	97121	52.326	ng	94
68) Hexachlorobenzene	16.769	284	105079	50.790	ng	94
69) Atrazine	16.910	200	92049	51.755	ng	96
70) Pentachlorophenol	17.109	266	126881	95.433	ng	98
71) Phenanthrene	17.503	178	419000	46.599	ng	97
72) Anthracene	17.591	178	421738	47.925	ng	99
73) Carbazole	17.856	167	371191	46.730	ng	98
74) Di-n-butylphthalate	18.420	149	423733	46.390	ng	# 98
75) Fluoranthene	19.512	202	513082	43.995	ng	96
77) Benzidine	19.683	184	286005	68.684	ng	97
78) Pyrene	19.871	202	522310	48.230	ng	98
80) Butylbenzylphthalate	20.752	149	183437	51.937	ng	93
81) Benzo(a)anthracene	21.722	228	542053	47.947	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	180600	56.677	ng	98
83) Chrysene	21.786	228	502395	47.079	ng	97
84) Bis(2-ethylhexyl)phtha...	21.633	149	371033	73.054	ng	95
85) Di-n-octyl phthalate	22.867	149	463137	54.834	ng	99
87) Indeno(1,2,3-cd)pyrene	28.749	276	606833	45.283	ng	# 99
88) Benzo(b)fluoranthene	23.972	252	558828	49.509	ng	99
89) Benzo(k)fluoranthene	24.042	252	511692	45.863	ng	97
90) Benzo(a)pyrene	24.853	252	531347	55.662	ng	# 98
91) Dibenzo(a,h)anthracene	28.819	278	537382	48.527	ng	97
92) Benzo(g,h,i)perylene	29.912	276	480257	43.998	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.096 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

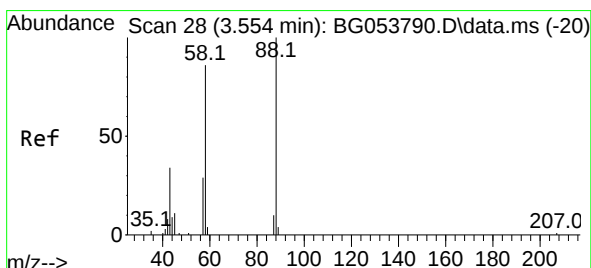
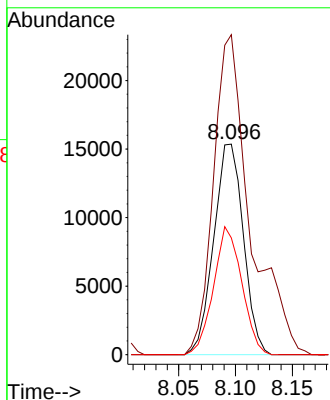
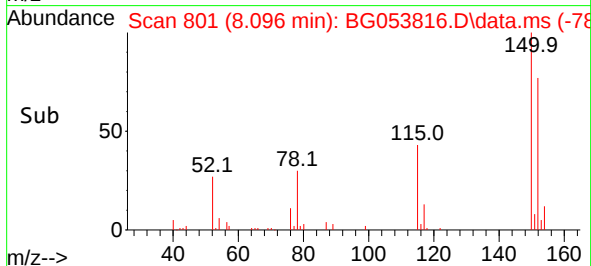
Instrument :
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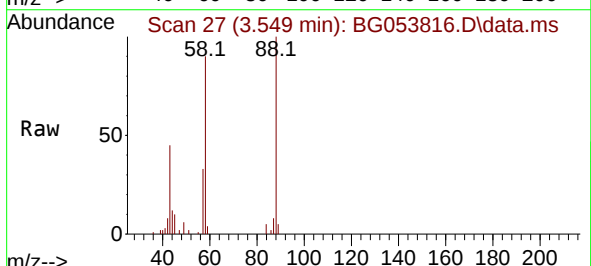
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Ion Ratio Lower Upper
152 100
150 152.0 131.6 197.4
115 55.5 50.9 76.3

Manual Integrations
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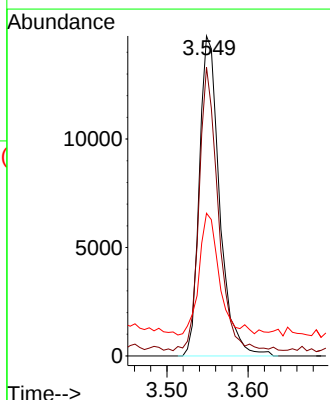
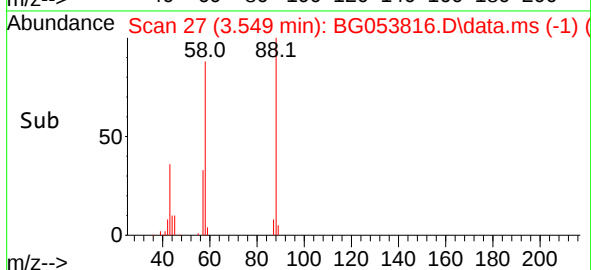
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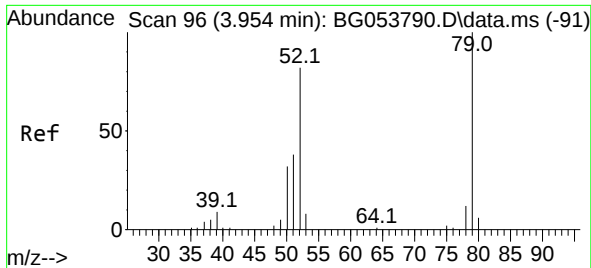


#2
1,4-Dioxane
Concen: 34.801 ng
RT: 3.549 min Scan# 27
Delta R.T. -0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



Tgt Ion: 88 Resp: 25526
Ion Ratio Lower Upper
88 100
58 83.6 59.2 88.8
43 38.1 24.3 36.5





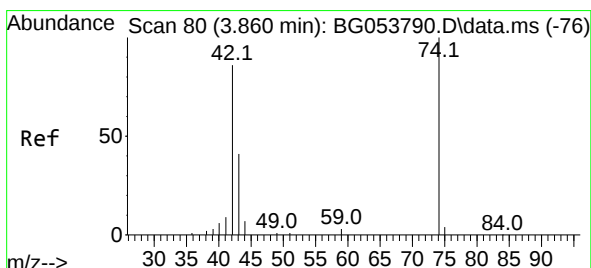
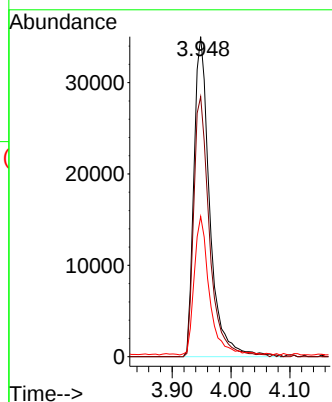
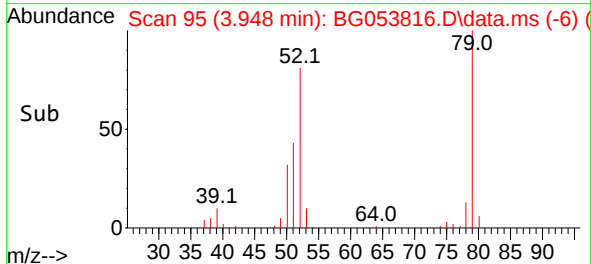
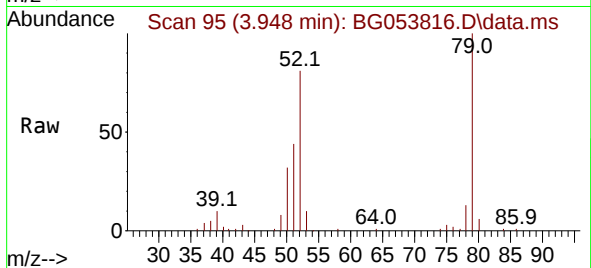
#3
Pyridine
Concen: 36.926 ng
RT: 3.948 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument : BNA_G
ClientSampleId : 20220424-AMENDED-COMPOSITE-DMS

Tgt Ion: 79 Resp: 65650
Ion Ratio Lower Upper
79 100
52 81.2 54.6 81.8
51 43.8 32.5 48.7

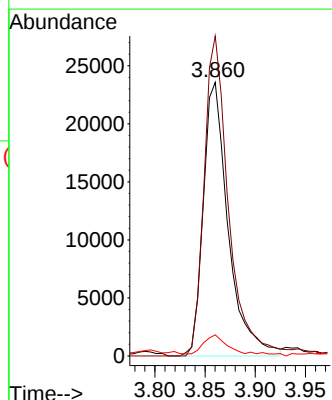
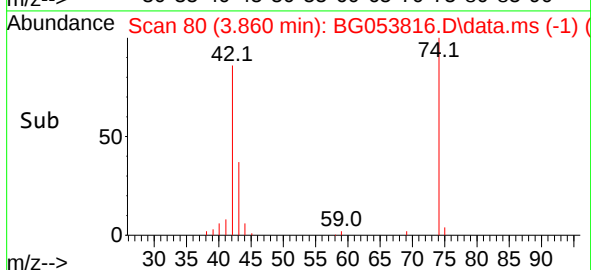
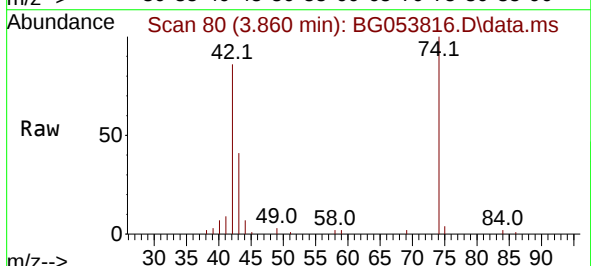
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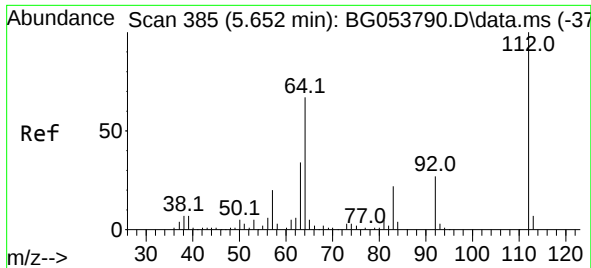
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#4
n-Nitrosodimethylamine
Concen: 50.946 ng
RT: 3.860 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

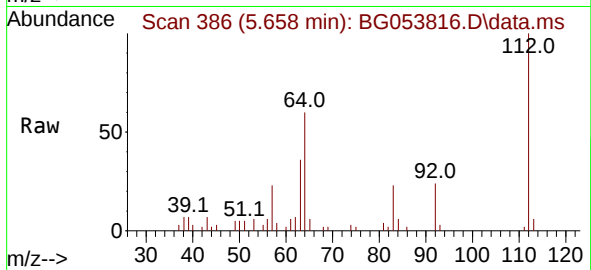
Tgt Ion: 42 Resp: 40897
Ion Ratio Lower Upper
42 100
74 116.9 97.0 145.4
44 7.7 7.0 10.4





#5
2-Fluorophenol
Concen: 9.988 ng
RT: 5.658 min Scan# 385
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

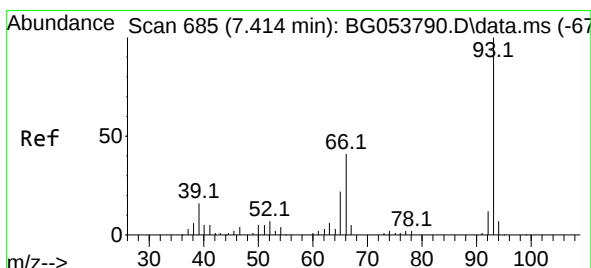
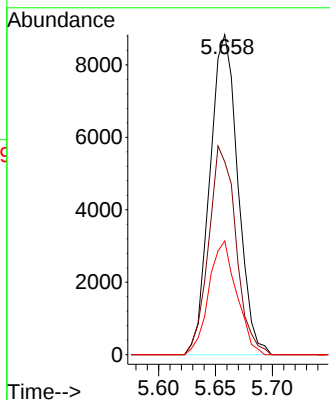
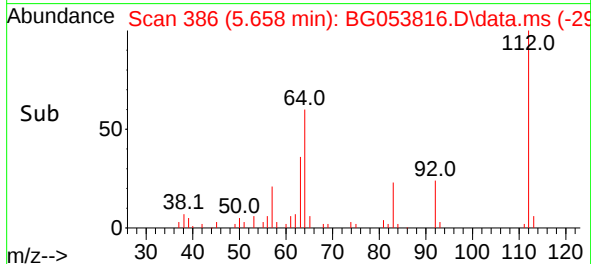
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Tgt Ion: 112 Resp: 1515
Ion Ratio Lower Upper
112 100
64 60.3 55.1 82.7
63 35.6 30.4 45.6

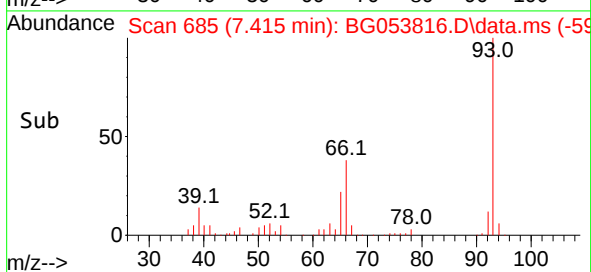
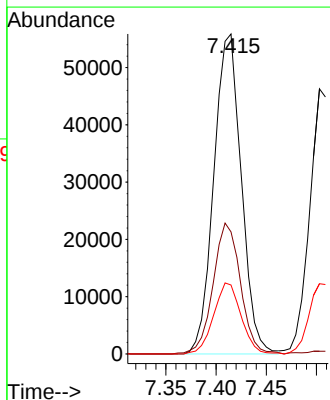
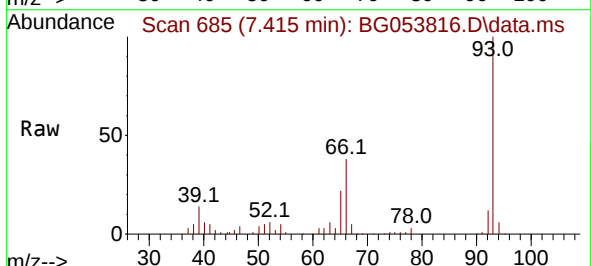
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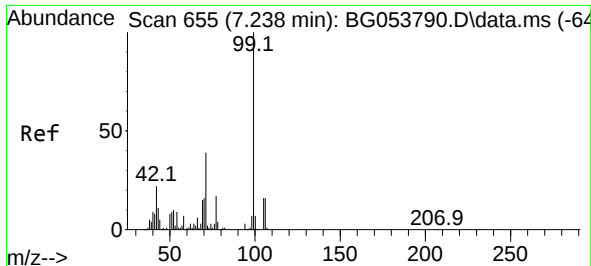
Reviewed By :Christian Giraldo 06/06/2022
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#6
Aniline
Concen: 42.539 ng
RT: 7.415 min Scan# 685
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

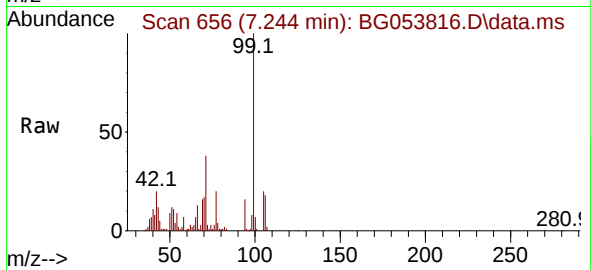
Tgt Ion: 93 Resp: 106385
Ion Ratio Lower Upper
93 100
66 38.1 32.9 49.3
65 21.5 17.8 26.8





#7
Phenol-d6
Concen: 33.810 ng
RT: 7.244 min Scan# 655
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

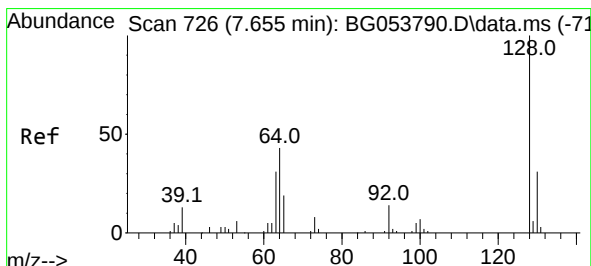
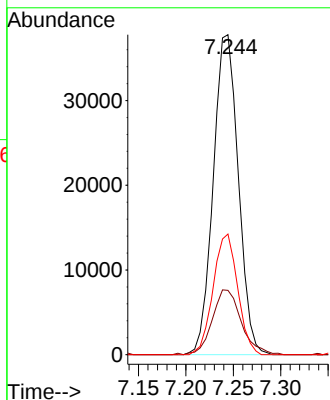
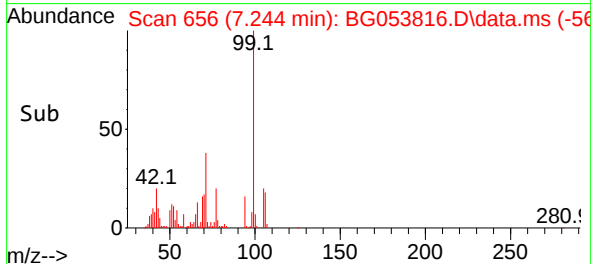
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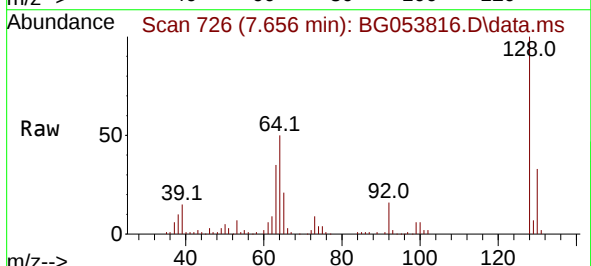
Tgt Ion: 99 Resp: 6947
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 37.7 33.8 50.8

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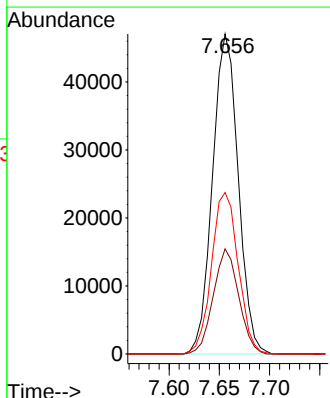
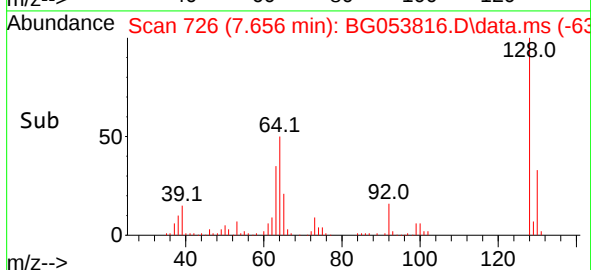
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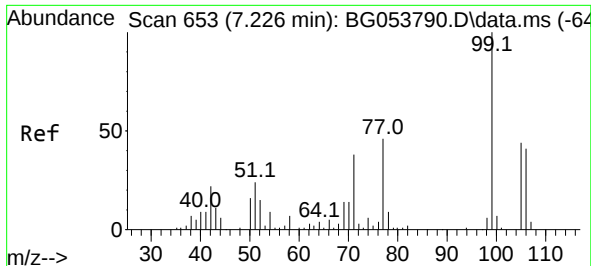


#8
2-Chlorophenol
Concen: 53.827 ng
RT: 7.656 min Scan# 726
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



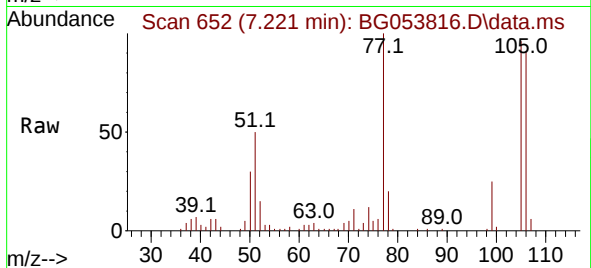
Tgt Ion:128 Resp: 83583
Ion Ratio Lower Upper
128 100
130 32.9 10.5 50.5
64 50.5 35.1 75.1





#9
Benzaldehyde
Concen: 40.725 ng
RT: 7.221 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

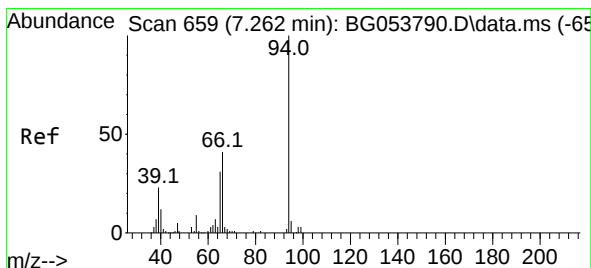
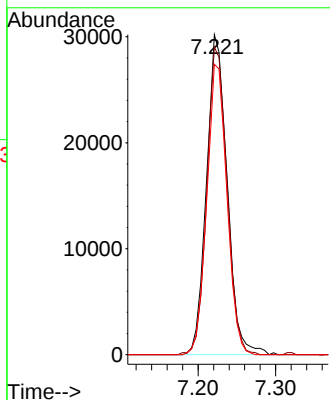
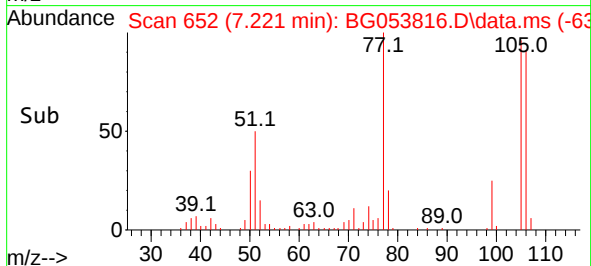
Instrument : BNA_G
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Tgt Ion: 77 Resp: 55800
Ion Ratio Lower Upper
77 100
105 96.1 59.6 99.6
106 90.8 56.8 96.8

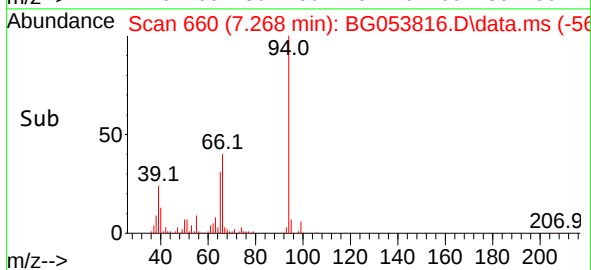
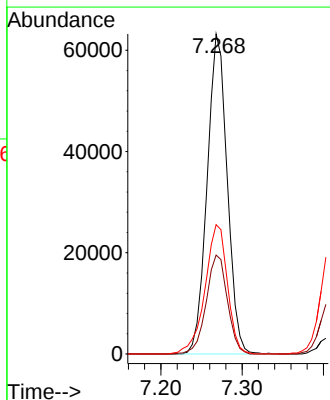
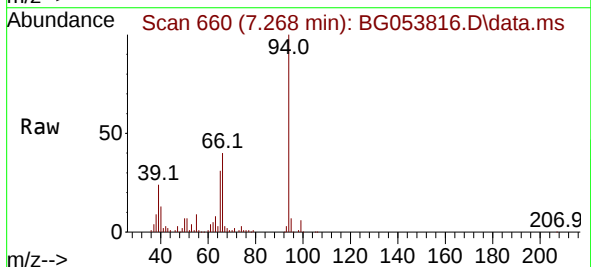
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APPROVED

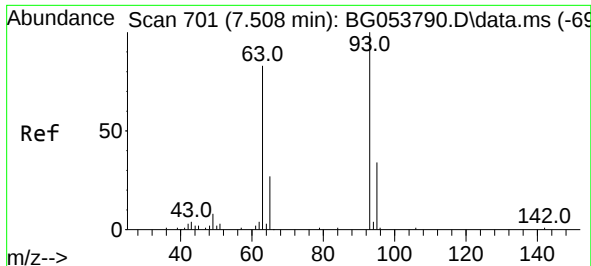
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#10
Phenol
Concen: 51.048 ng
RT: 7.268 min Scan# 660
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Tgt Ion: 94 Resp: 108389
Ion Ratio Lower Upper
94 100
65 30.9 14.8 54.8
66 40.4 25.2 65.2





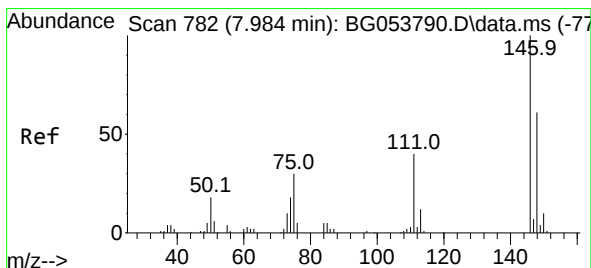
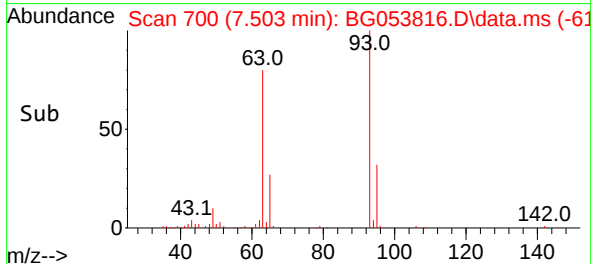
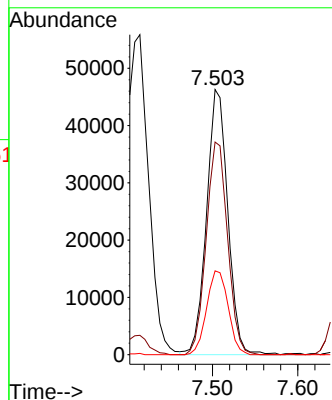
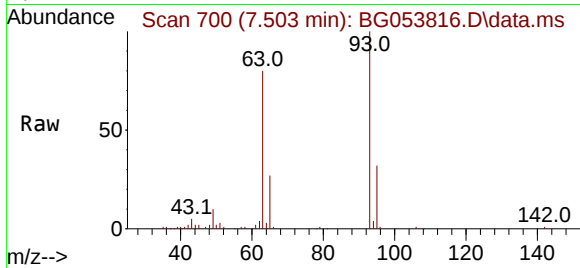
#11
bis(2-Chloroethyl)ether
Concen: 47.881 ng
RT: 7.503 min Scan# 701
Delta R.T. -0.005 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS

Tgt Ion: 93 Resp: 7996
Ion Ratio Lower Upper
93 100
63 80.2 63.6 103.6
95 31.6 10.1 50.1

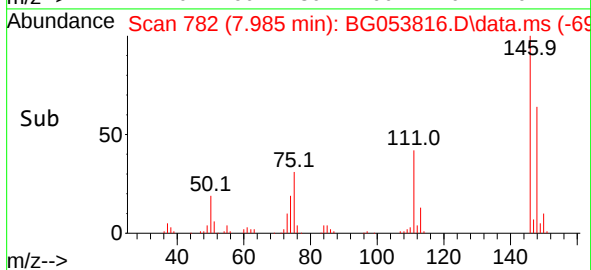
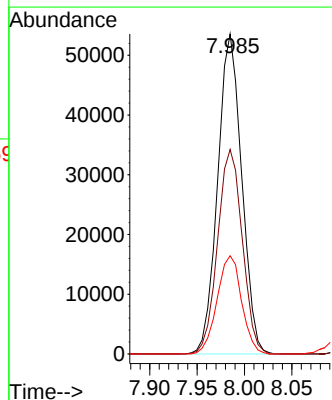
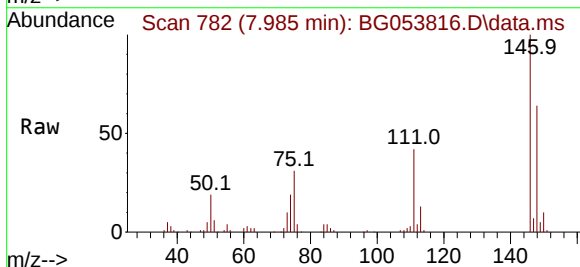
Manual Integrations
APPROVED

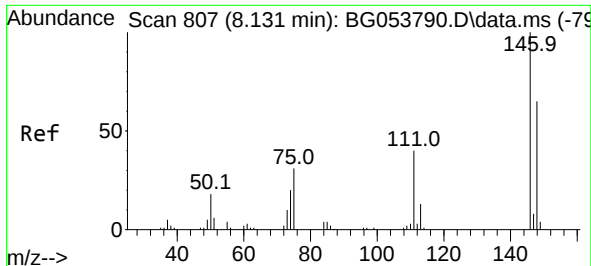
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#12
1,3-Dichlorobenzene
Concen: 47.791 ng
RT: 7.985 min Scan# 782
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Tgt Ion:146 Resp: 94437
Ion Ratio Lower Upper
146 100
148 63.9 46.1 69.1
75 30.7 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.191 ng

RT: 8.132 min Scan# 807

Delta R.T. 0.000 min

Lab File: BG053816.D

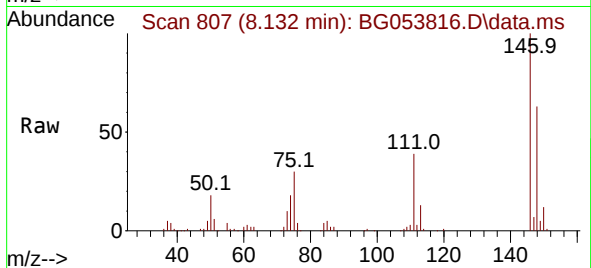
Acq: 3 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

20220424-AMENDED-COMPOSITE-DMS



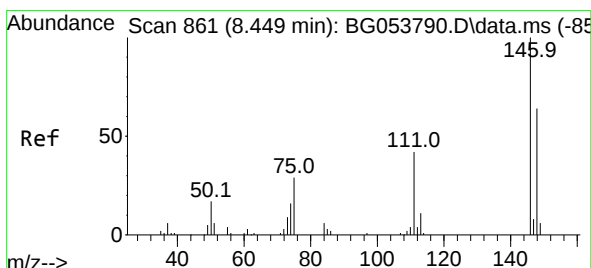
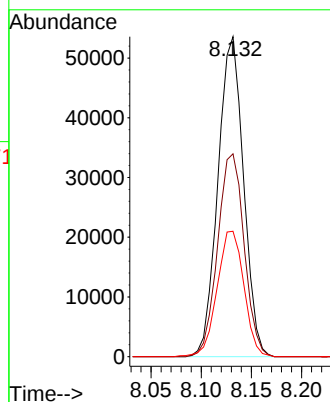
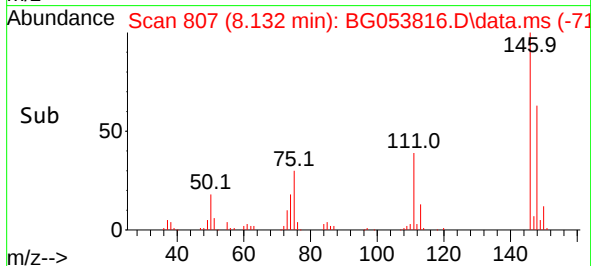
Tgt Ion:146 Resp: 9483

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	39.2	33.9	50.9

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 48.154 ng

RT: 8.449 min Scan# 861

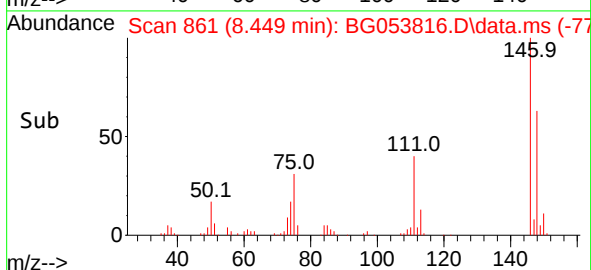
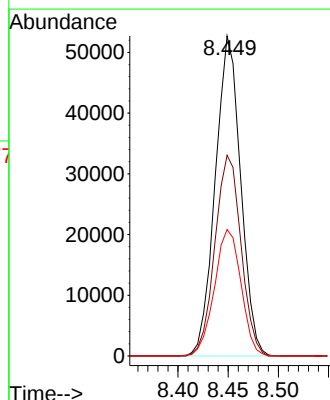
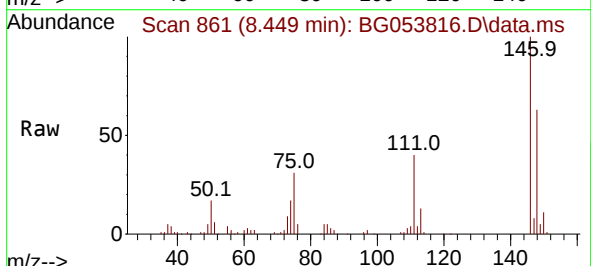
Delta R.T. 0.000 min

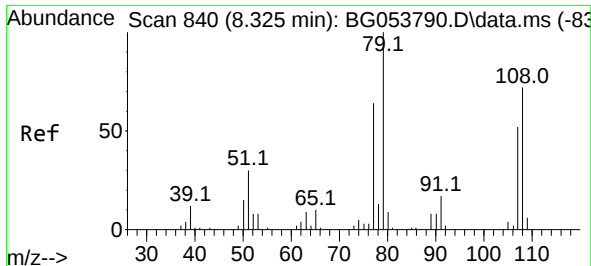
Lab File: BG053816.D

Acq: 3 Jun 2022 16:58

Tgt Ion:146 Resp: 92706

Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	78.8
111	39.5	34.5	51.7





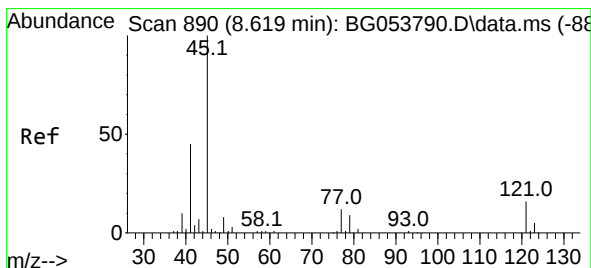
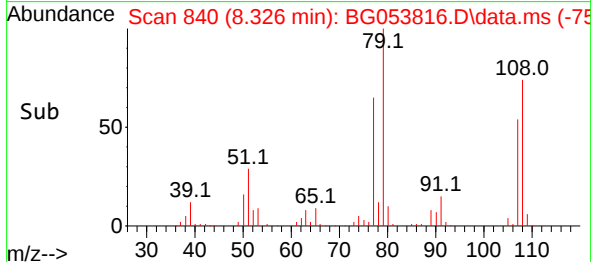
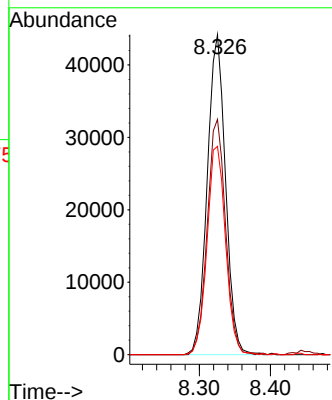
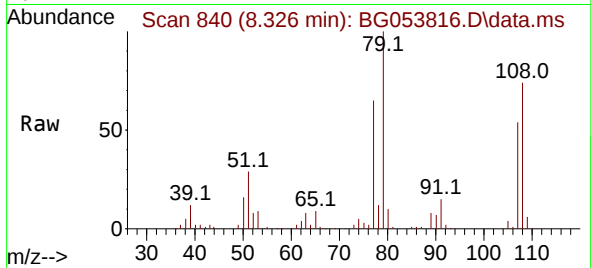
#15
Benzyl Alcohol
Concen: 51.385 ng
RT: 8.326 min Scan# 840
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS

Tgt Ion: 79 Resp: 79034
Ion Ratio Lower Upper
79 100
108 73.5 53.7 80.5
77 65.1 52.2 78.4

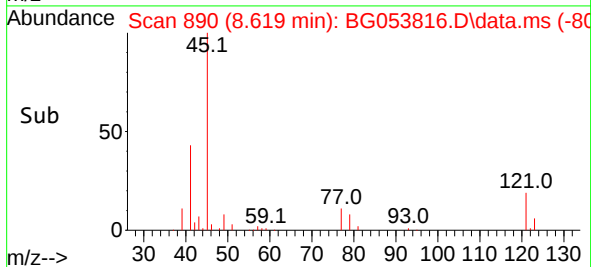
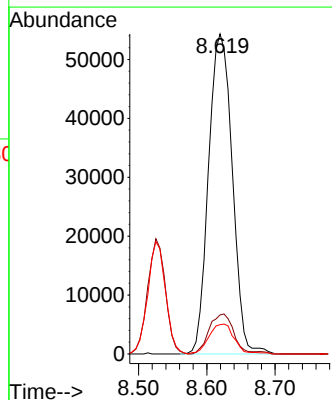
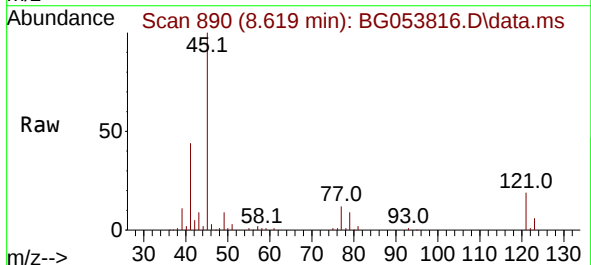
Manual Integrations
APPROVED

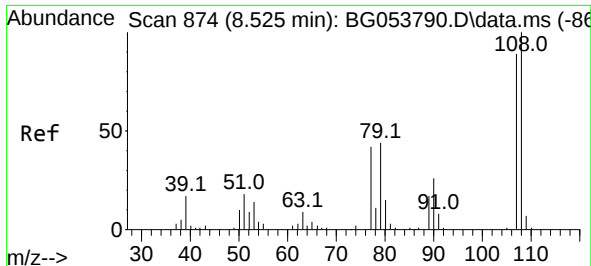
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.934 ng
RT: 8.619 min Scan# 890
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

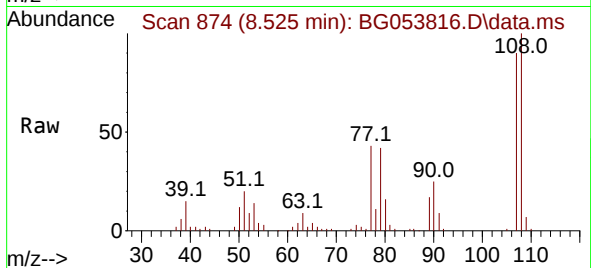
Tgt Ion: 45 Resp: 131659
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.7
79 9.2 0.0 29.7





#17
2-Methylphenol
Concen: 49.959 ng
RT: 8.525 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

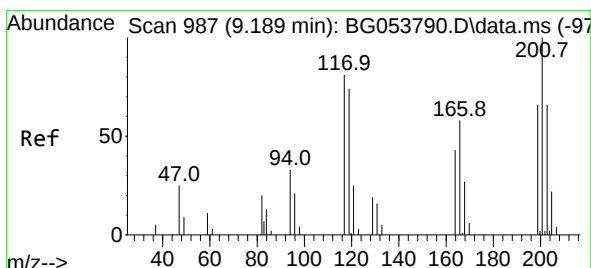
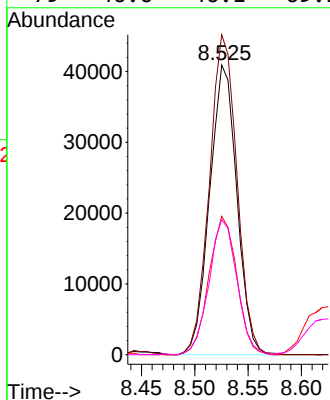
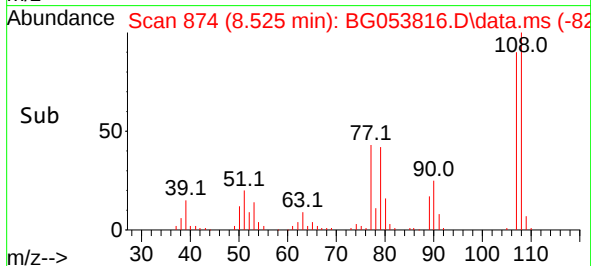
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:107 Resp: 72509
Ion Ratio Lower Upper
107 100
108 110.5 85.4 128.0
77 47.8 46.2 69.2
79 46.6 46.1 69.1

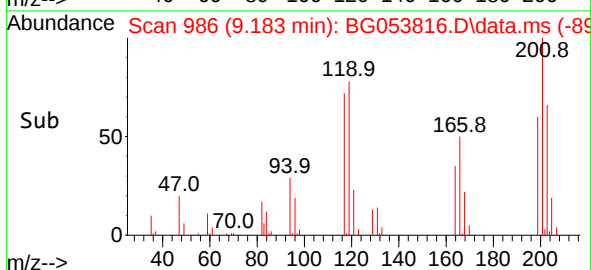
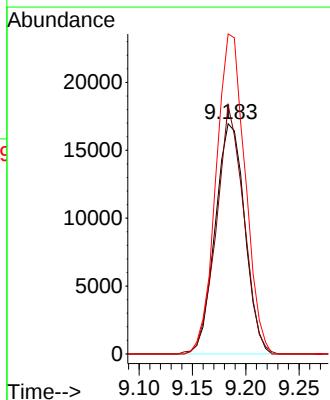
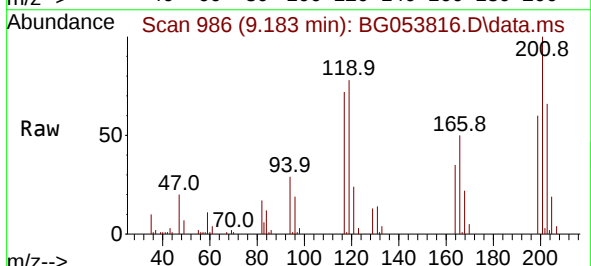
Manual Integrations
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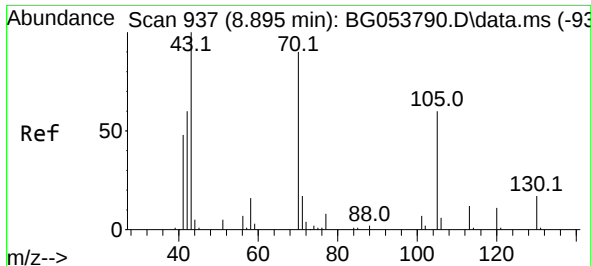
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#18
Hexachloroethane
Concen: 48.957 ng
RT: 9.183 min Scan# 986
Delta R.T. -0.005 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

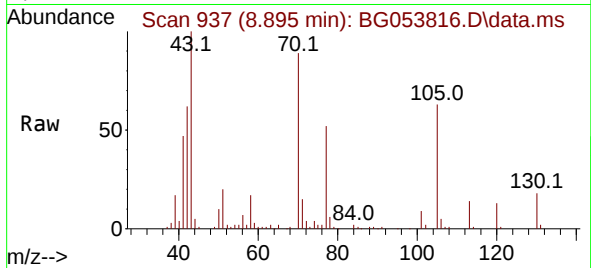
Tgt Ion:117 Resp: 32552
Ion Ratio Lower Upper
117 100
119 108.0 75.0 112.6
201 139.0 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 45.659 ng
RT: 8.895 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

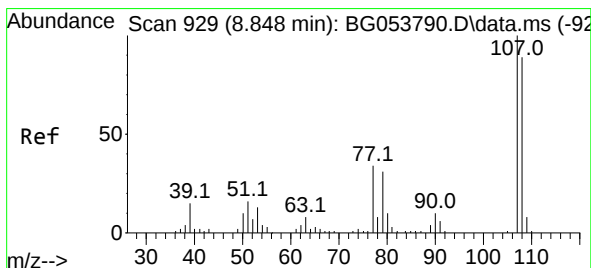
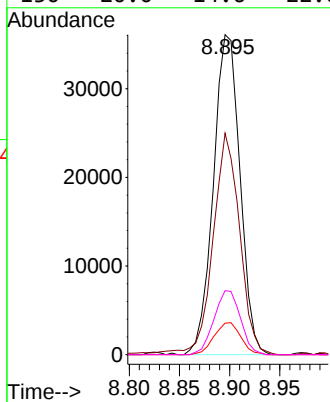
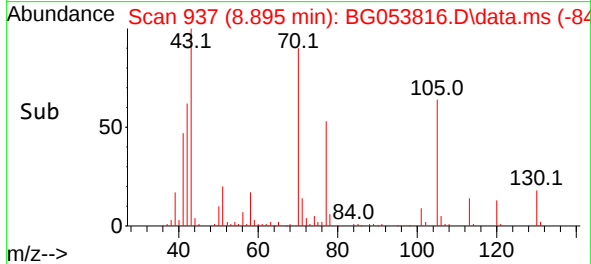
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



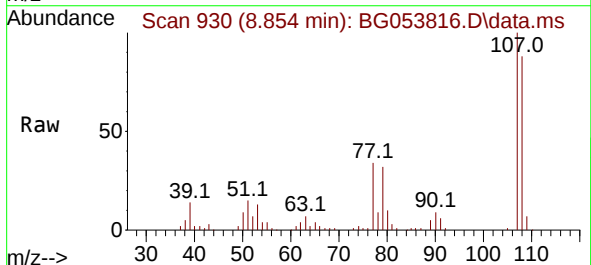
Tgt Ion: 70 Resp: 66450
Ion Ratio Lower Upper
70 100
42 69.2 47.3 70.9
101 9.9 7.0 10.4
130 20.0 14.6 22.0

Manual Integrations
APPROVED

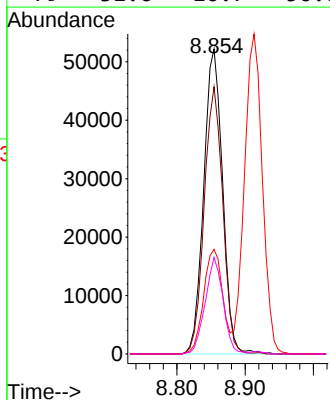
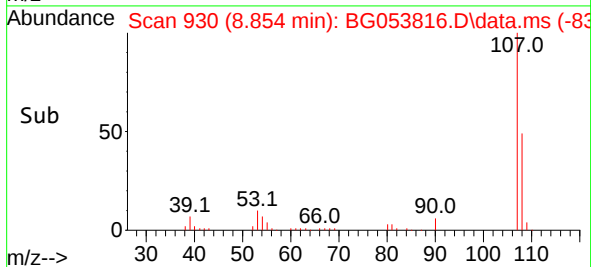
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

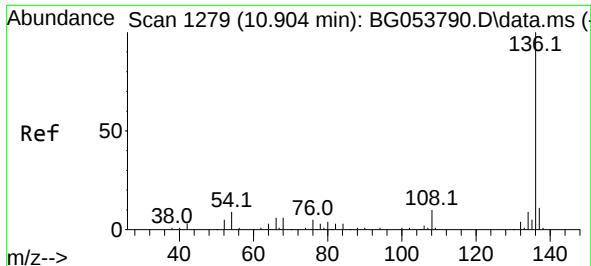


#20
3+4-Methylphenols
Concen: 50.944 ng
RT: 8.854 min Scan# 930
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



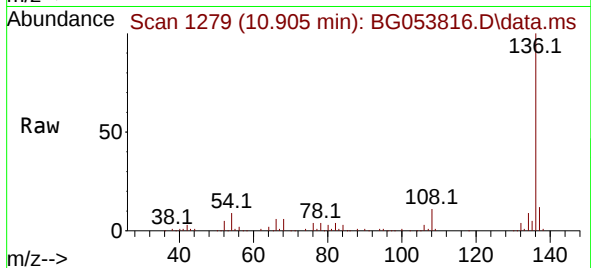
Tgt Ion:107 Resp: 100455
Ion Ratio Lower Upper
107 100
108 87.6 67.5 107.5
77 34.3 20.3 60.3
79 31.6 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 11193
Delta R.T. 0.001 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

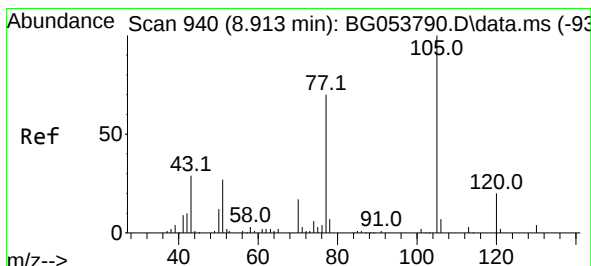
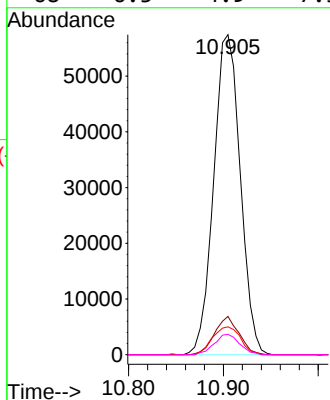
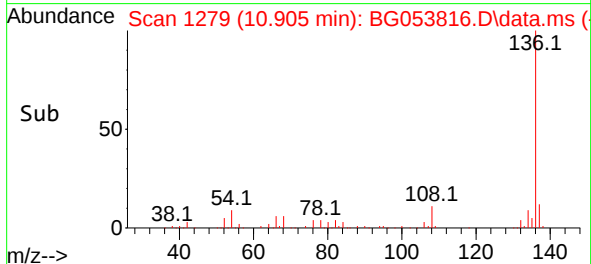
Instrument : BNA_G
ClientSampleId : 20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:136 Resp: 11193
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 8.7 7.4 11.2
68 6.3 4.9 7.3

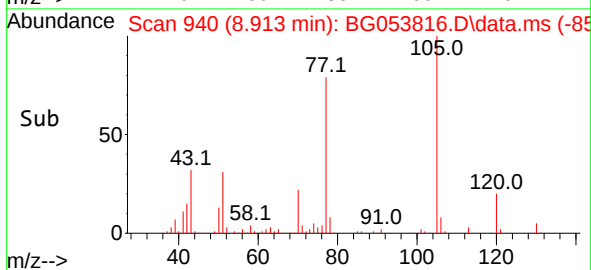
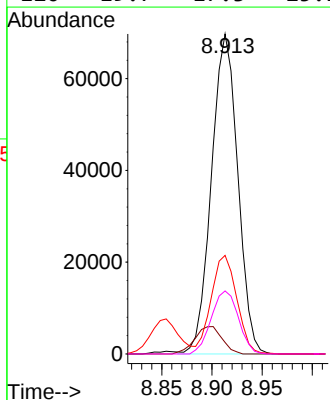
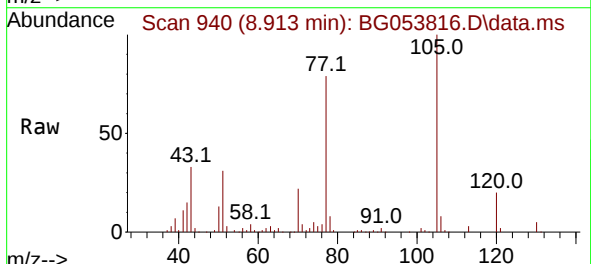
Manual Integrations
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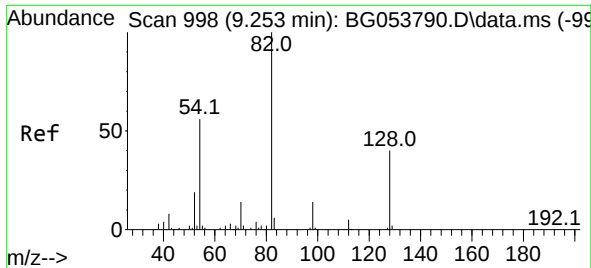
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#22
Acetophenone
Concen: 45.996 ng
RT: 8.913 min Scan# 940
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Tgt Ion:105 Resp: 127132
Ion Ratio Lower Upper
105 100
71 3.6 1.1 1.7#
51 30.8 25.4 38.0
120 19.7 17.3 25.9





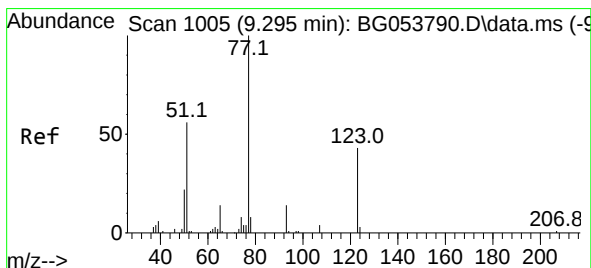
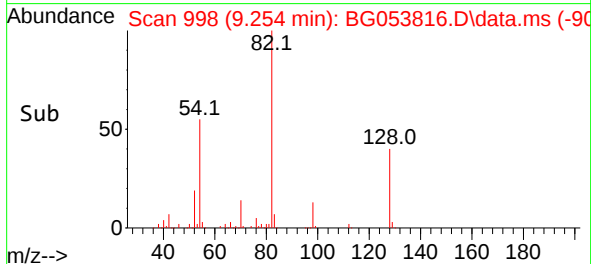
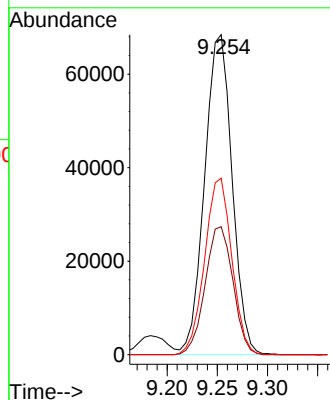
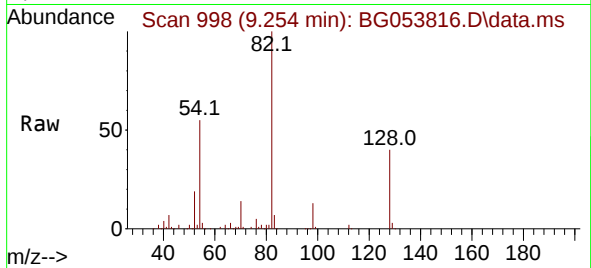
#23
Nitrobenzene-d5
Concen: 76.423 ng
RT: 9.254 min Scan# 998
Delta R.T. 0.001 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument : BNA_G
ClientSampleId : 20220424-AMENDED-COMPOSITE-DMS

Tgt Ion: 82 Resp: 13026
Ion Ratio Lower Upper
82 100
128 40.0 27.9 41.9
54 55.1 41.2 61.8

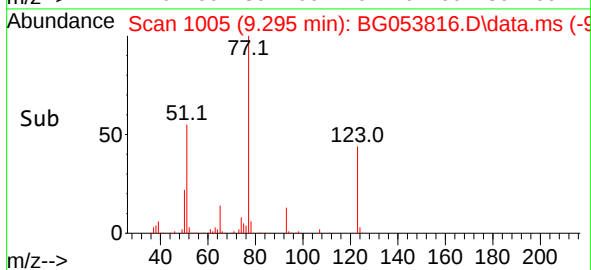
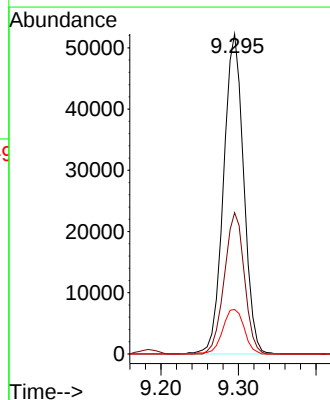
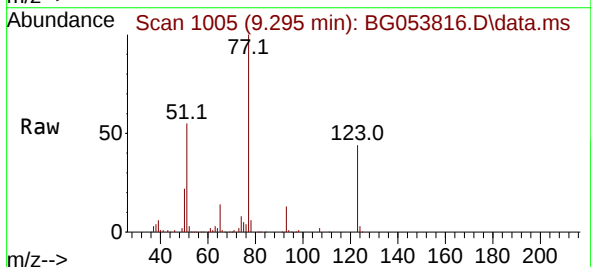
Manual Integrations
APPROVED

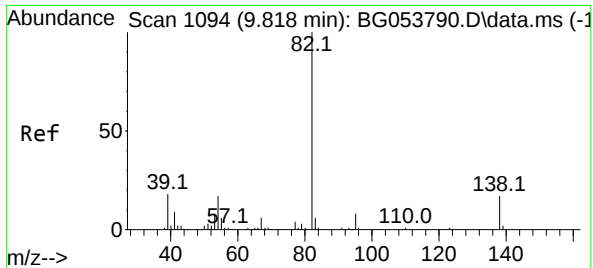
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#24
Nitrobenzene
Concen: 49.648 ng
RT: 9.295 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Tgt Ion: 77 Resp: 94264
Ion Ratio Lower Upper
77 100
123 44.2 27.4 41.0#
65 13.9 11.4 17.0





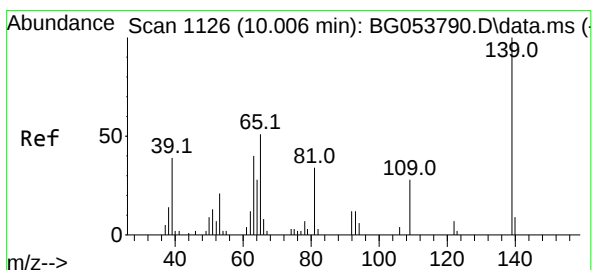
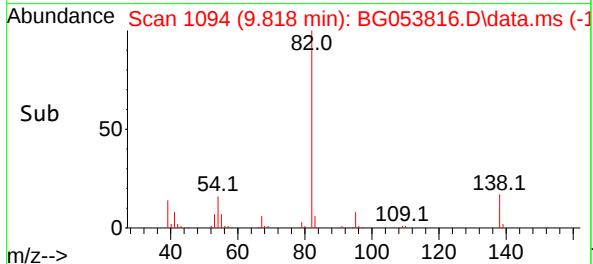
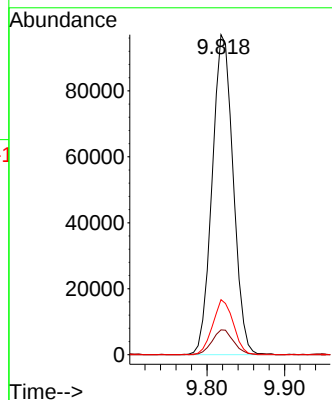
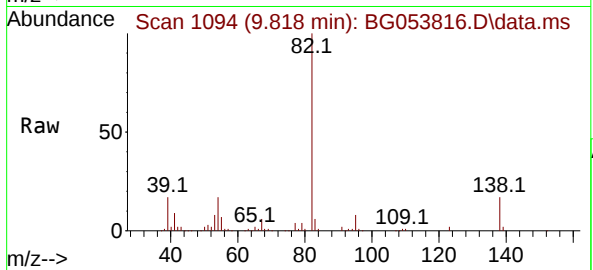
#25
Isophorone
Concen: 47.818 ng
RT: 9.818 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS

Tgt Ion: 82 Resp: 18268
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 17.2 11.6 17.4

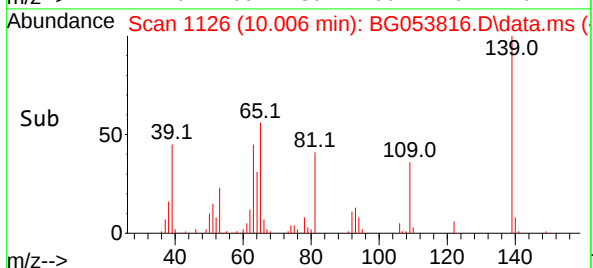
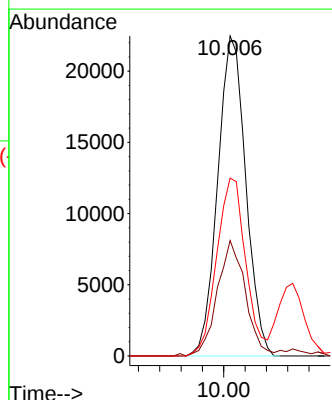
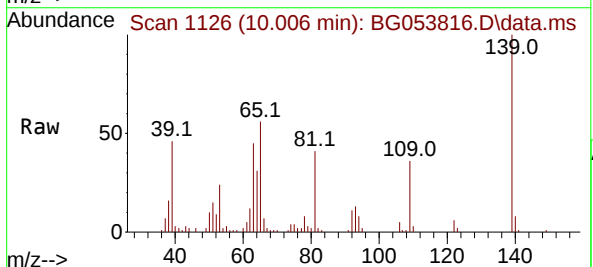
Manual Integrations
APPROVED

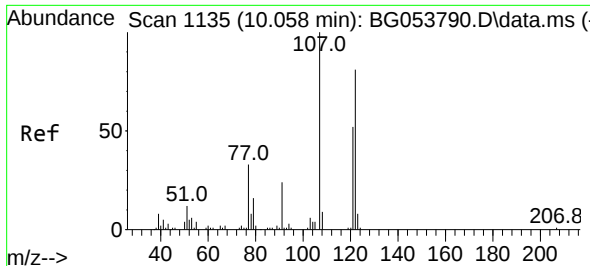
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#26
2-Nitrophenol
Concen: 65.442 ng
RT: 10.006 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Tgt Ion:139 Resp: 41058
Ion Ratio Lower Upper
139 100
109 36.0 36.1 54.1#
65 55.6 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 58.500 ng

RT: 10.065 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BG053816.D

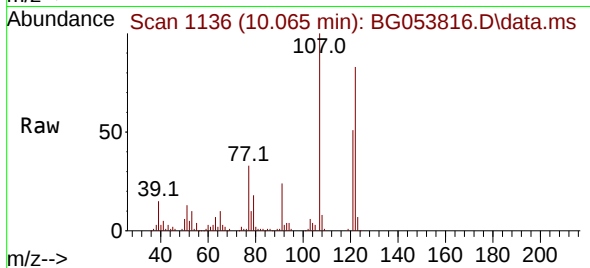
Acq: 3 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:122 Resp: 8034

Ion Ratio Lower Upper

122 100

107 120.1 109.4 164.0

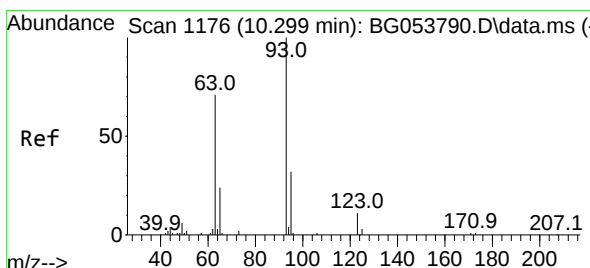
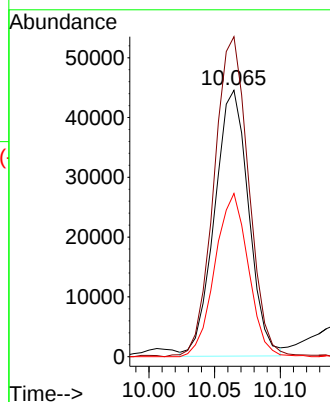
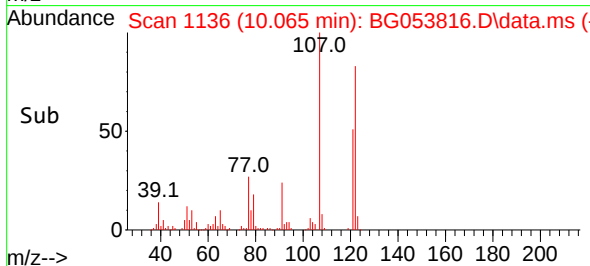
121 61.2 48.7 73.1

Manual Integrations

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Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.428 ng

RT: 10.300 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BG053816.D

Acq: 3 Jun 2022 16:58

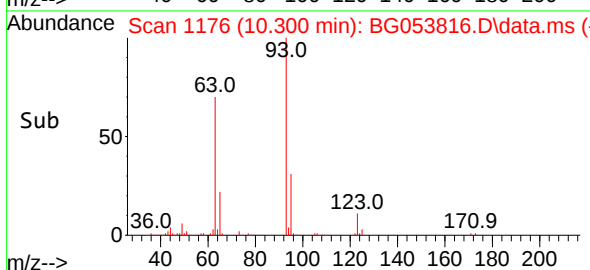
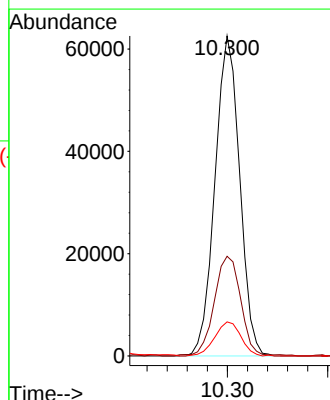
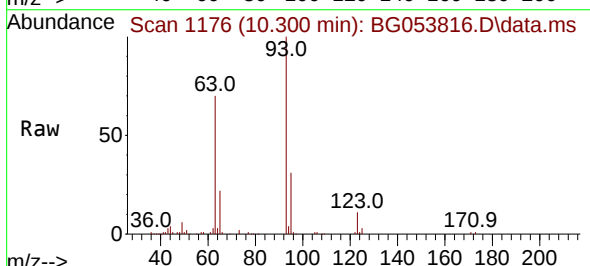
Tgt Ion: 93 Resp: 106768

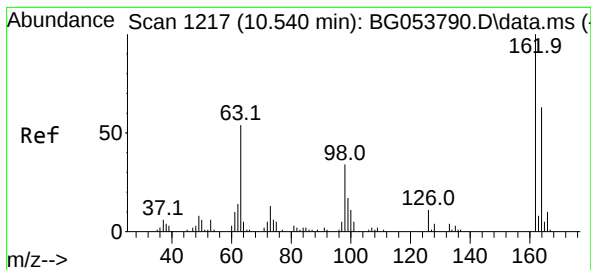
Ion Ratio Lower Upper

93 100

95 31.2 26.9 40.3

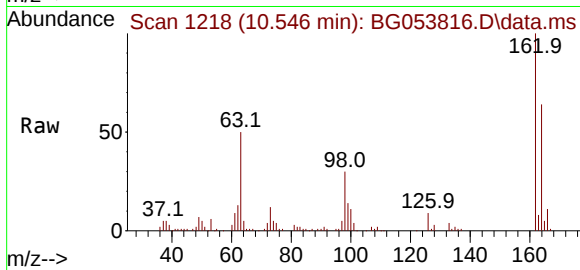
123 10.7 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 55.843 ng
RT: 10.546 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

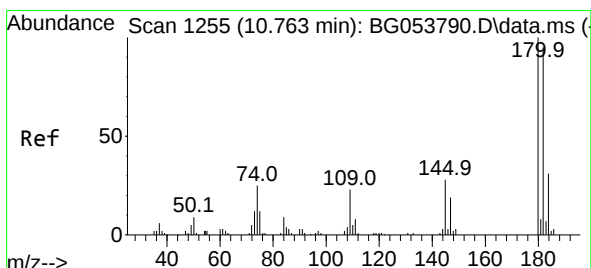
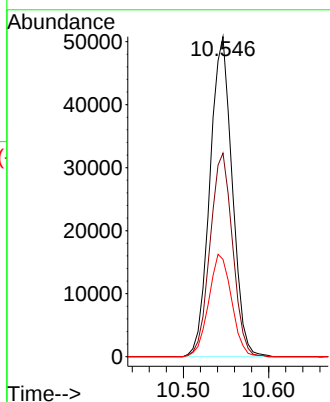
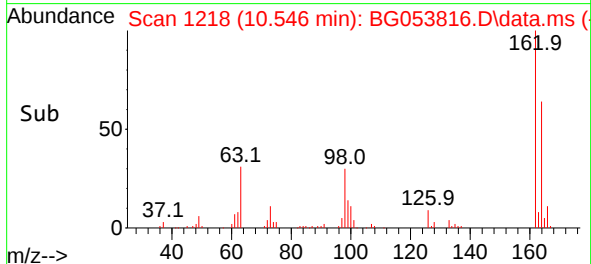
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



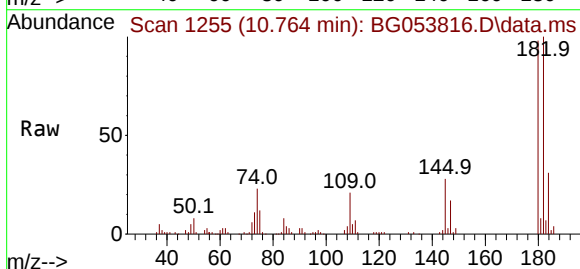
Tgt Ion:162 Resp: 9211
Ion Ratio Lower Upper
162 100
164 63.6 46.6 86.6
98 30.4 22.8 62.8

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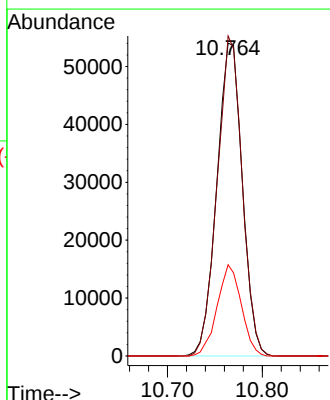
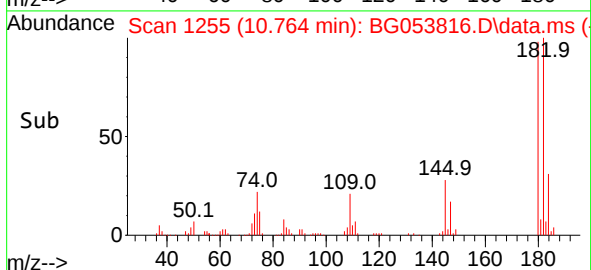
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

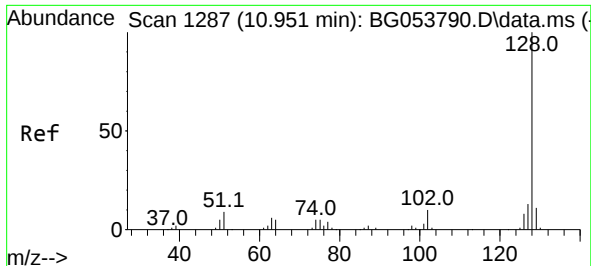


#30
1,2,4-Trichlorobenzene
Concen: 48.523 ng
RT: 10.764 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



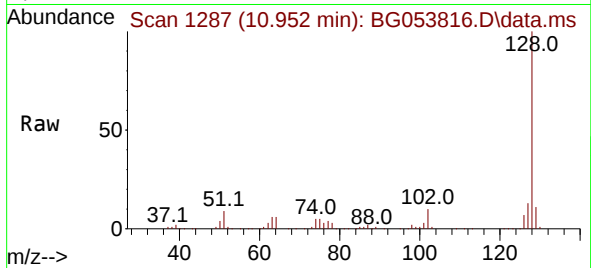
Tgt Ion:180 Resp: 101307
Ion Ratio Lower Upper
180 100
182 102.3 76.6 115.0
145 29.2 25.0 37.4





#31
Naphthalene
Concen: 45.645 ng
RT: 10.952 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

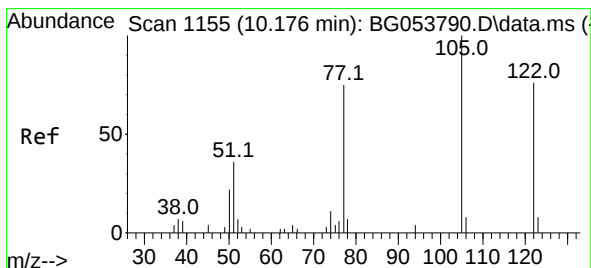
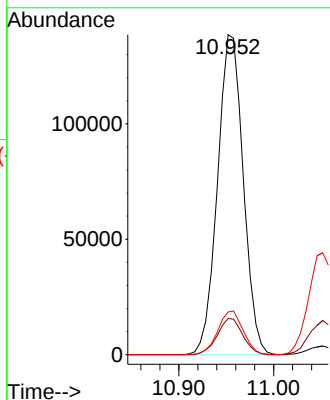
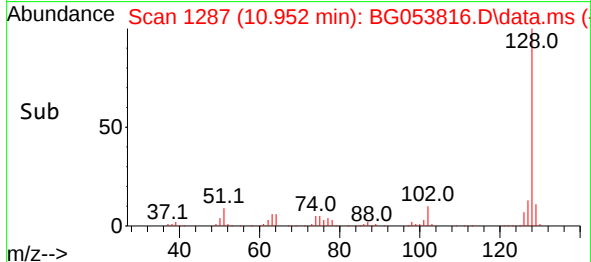
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



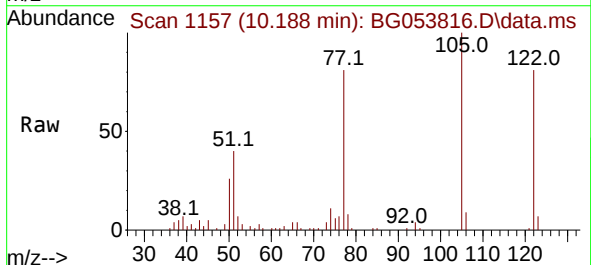
Tgt Ion:128 Resp: 261489
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 11.1 16.7

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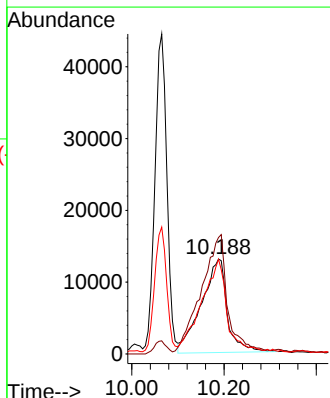
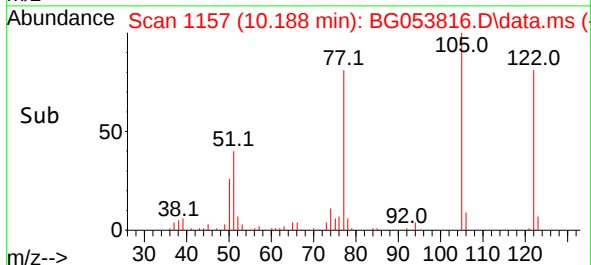
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

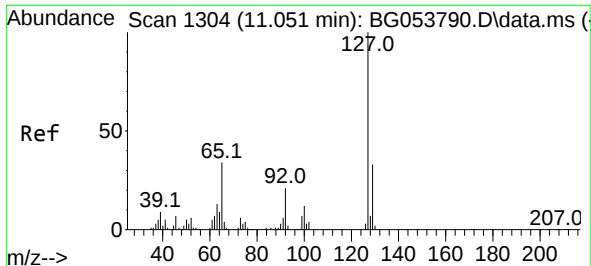


#32
Benzoic acid
Concen: 55.874 ng
RT: 10.188 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



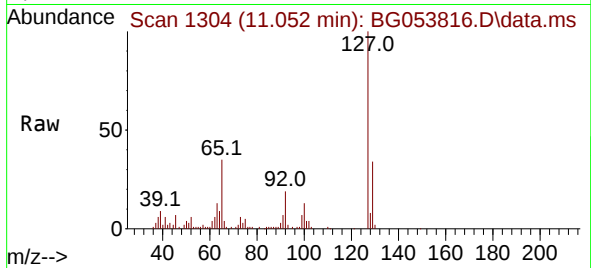
Tgt Ion:122 Resp: 50746
Ion Ratio Lower Upper
122 100
105 122.7 111.8 151.8
77 99.9 109.4 149.4#





#33
4-Chloroaniline
Concen: 36.258 ng
RT: 11.052 min Scan# 11052
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

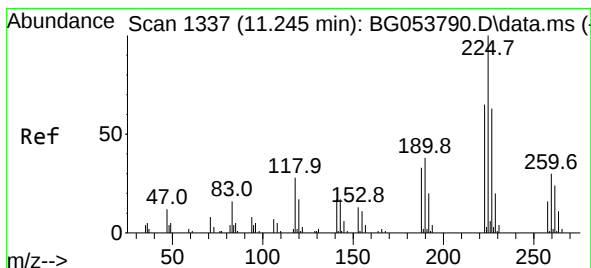
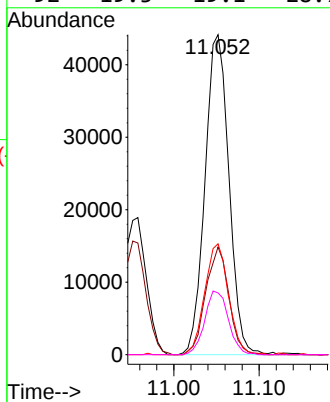
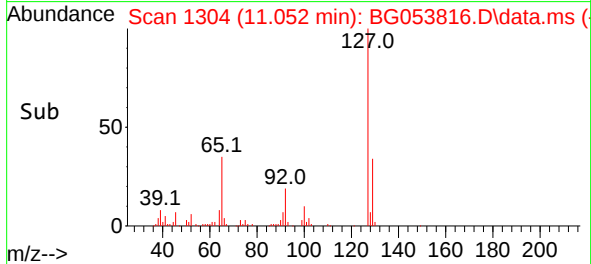
Instrument :
BNA_G
ClientSampleId :
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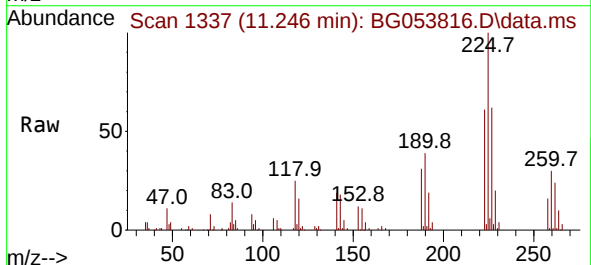
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.3	39.5
65	34.6	31.1	46.7
92	19.3	19.1	28.7

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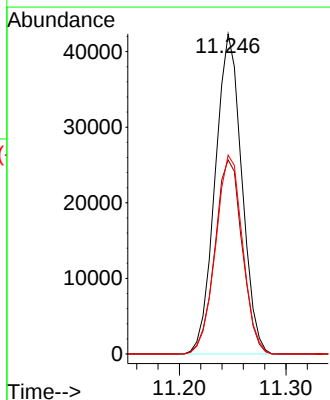
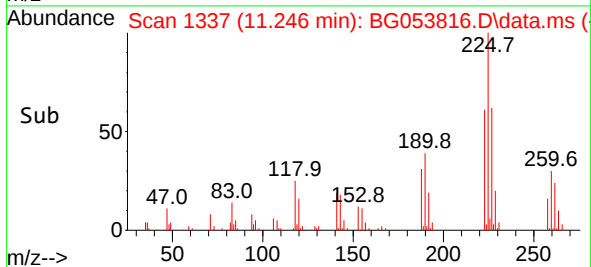
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

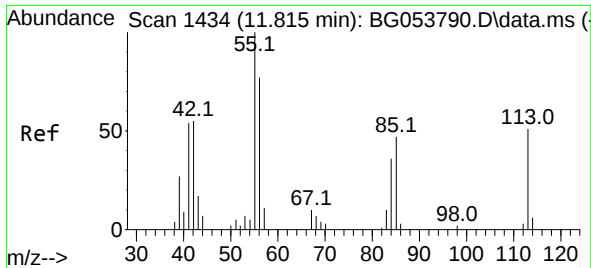


#34
Hexachlorobutadiene
Concen: 49.621 ng
RT: 11.246 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.9	73.3
227	61.6	52.8	79.2





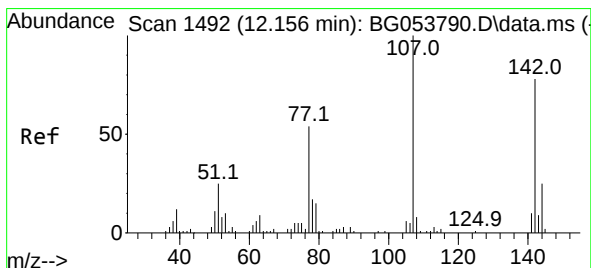
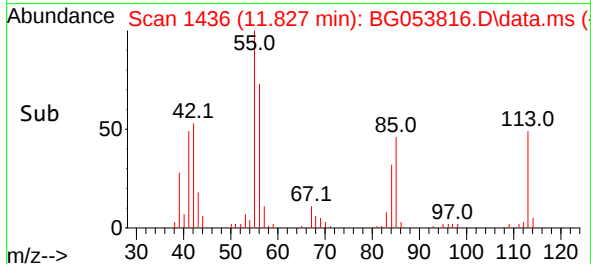
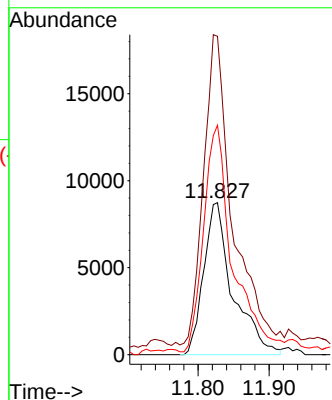
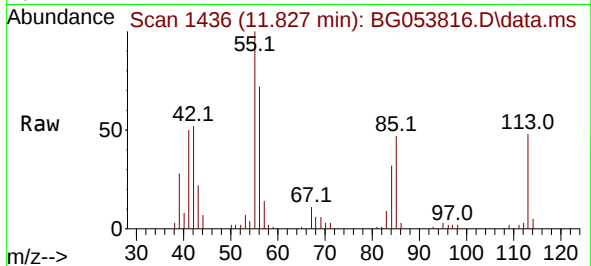
#35
Caprolactam
Concen: 52.792 ng
RT: 11.827 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS

Tgt Ion:113 Resp: 24889
Ion Ratio Lower Upper
113 100
55 209.4 169.8 209.8
56 150.8 141.2 181.2

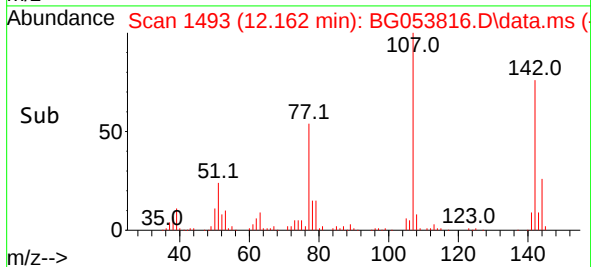
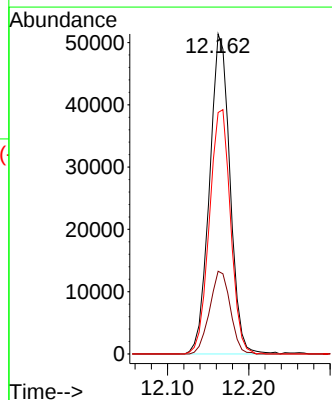
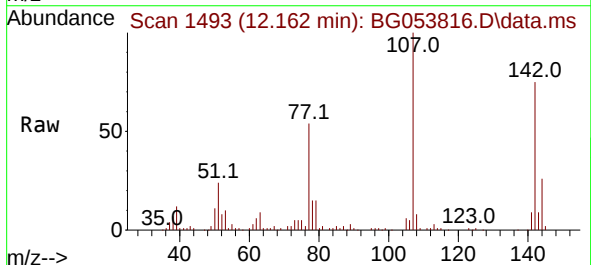
Manual Integrations
APPROVED

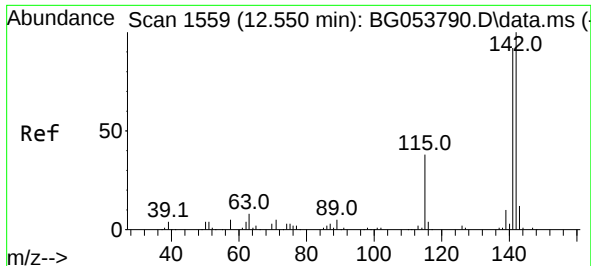
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#36
4-Chloro-3-methylphenol
Concen: 51.177 ng
RT: 12.162 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

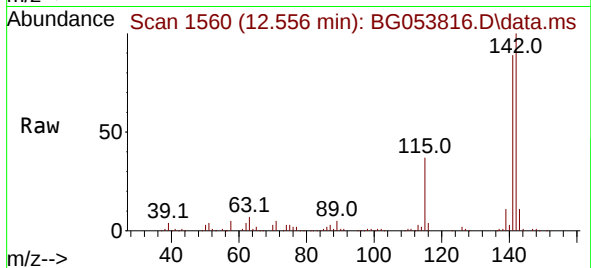
Tgt Ion:107 Resp: 89848
Ion Ratio Lower Upper
107 100
144 25.9 18.5 27.7
142 75.4 55.0 82.4





#37
2-Methylnaphthalene
Concen: 45.383 ng
RT: 12.556 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

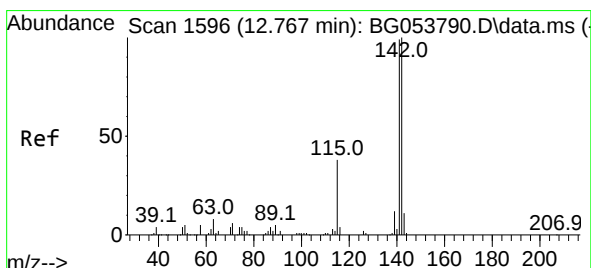
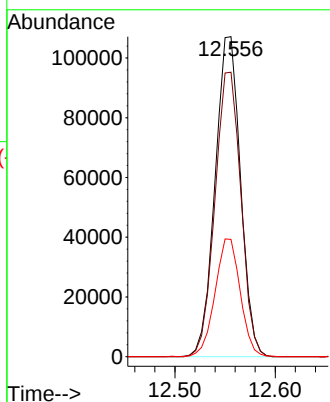
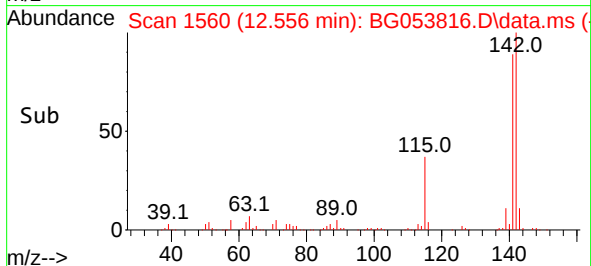
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



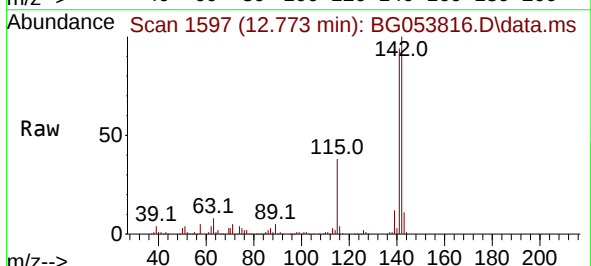
Tgt Ion:142 Resp: 188607
Ion Ratio Lower Upper
142 100
141 88.9 72.3 108.5
115 36.6 33.7 50.5

Manual Integrations
APPROVED

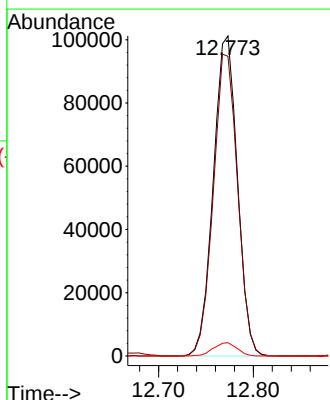
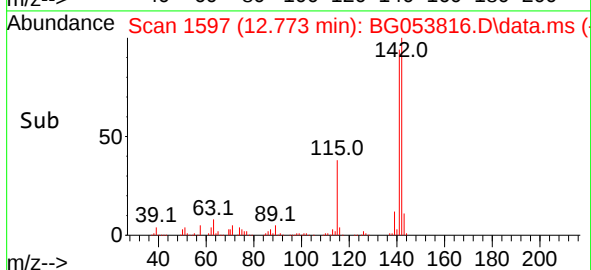
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

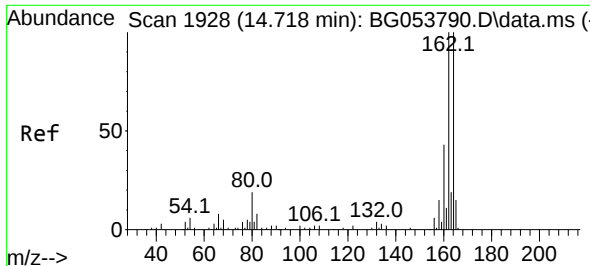


#38
1-Methylnaphthalene
Concen: 43.935 ng
RT: 12.773 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



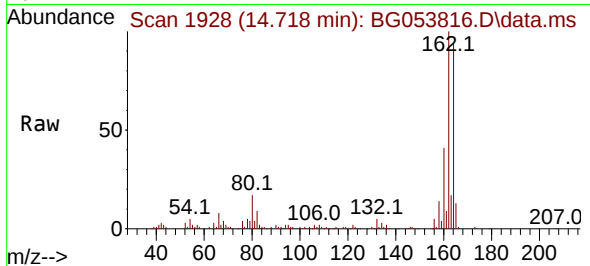
Tgt Ion:142 Resp: 178553
Ion Ratio Lower Upper
142 100
141 93.7 76.4 114.6
116 4.2 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.718 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

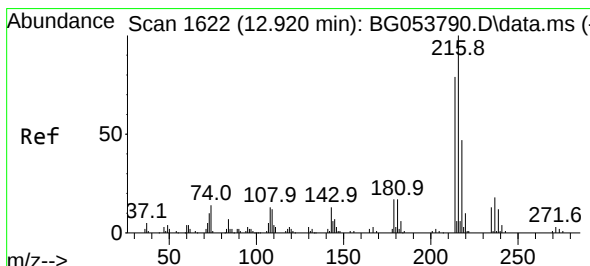
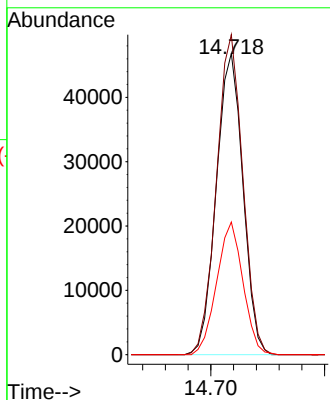
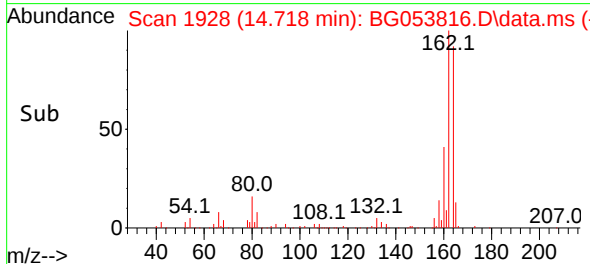
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



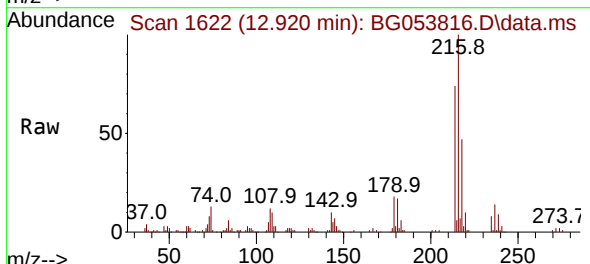
Tgt Ion:164 Resp: 75974
Ion Ratio Lower Upper
164 100
162 106.2 82.3 123.5
160 44.0 34.2 51.2

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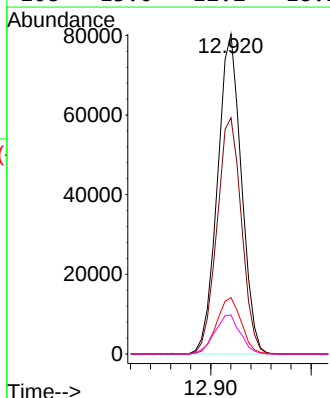
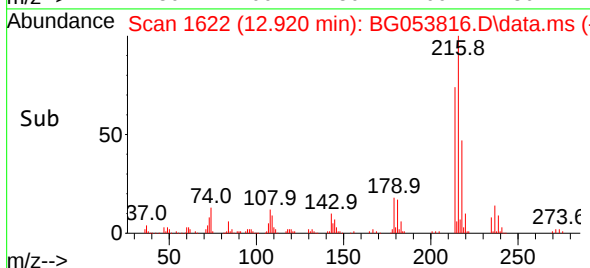
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

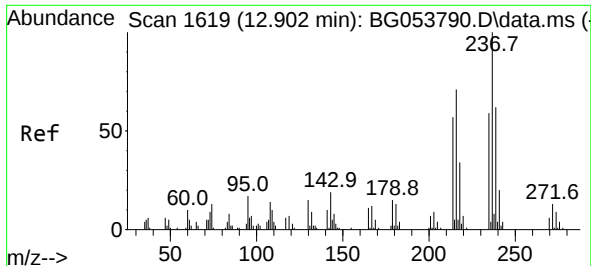


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.041 ng
RT: 12.920 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



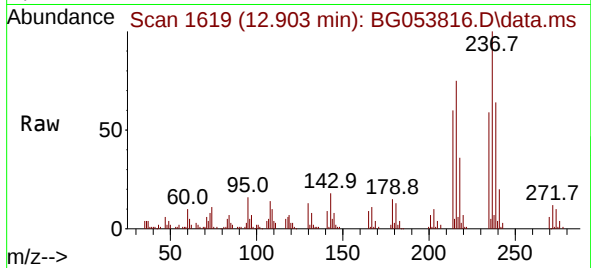
Tgt Ion:216 Resp: 132767
Ion Ratio Lower Upper
216 100
214 75.6 62.9 94.3
179 18.2 16.1 24.1
108 13.0 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 44.205 ng
RT: 12.903 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

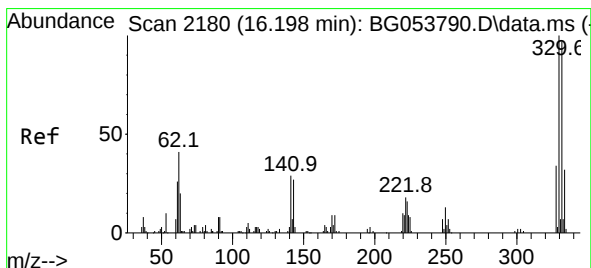
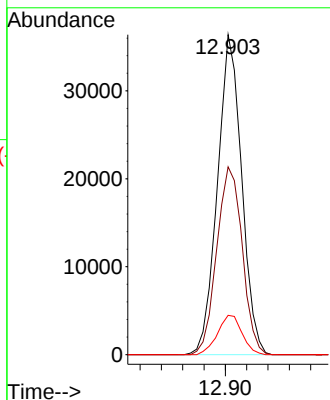
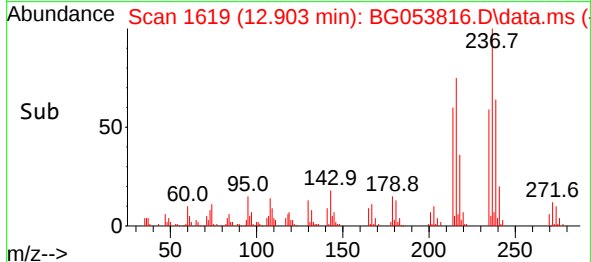
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



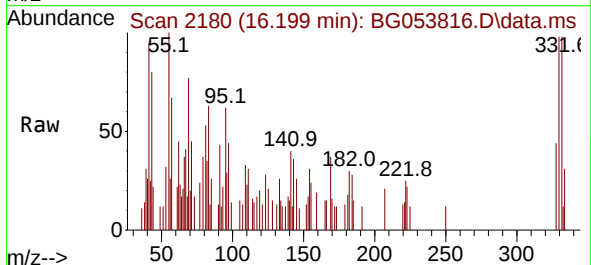
Tgt Ion:237 Resp: 57320
Ion Ratio Lower Upper
237 100
235 58.7 43.5 83.5
272 12.3 0.0 30.1

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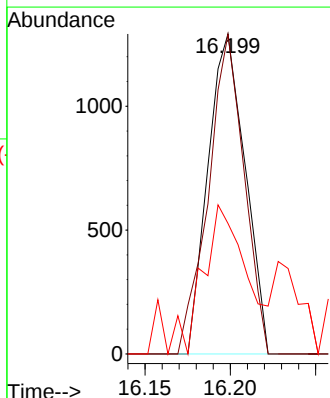
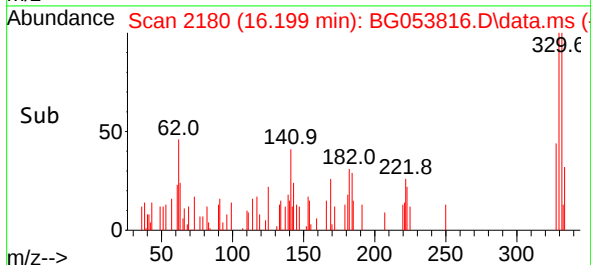
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

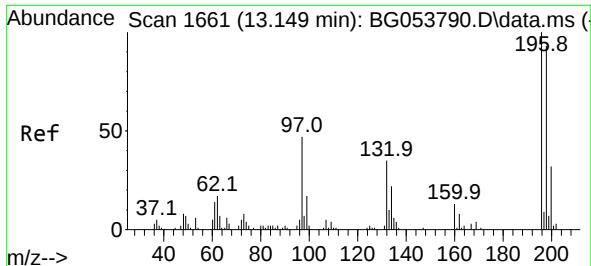


#42
2,4,6-Tribromophenol
Concen: 2.117 ng
RT: 16.199 min Scan# 2180
Delta R.T. 0.001 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



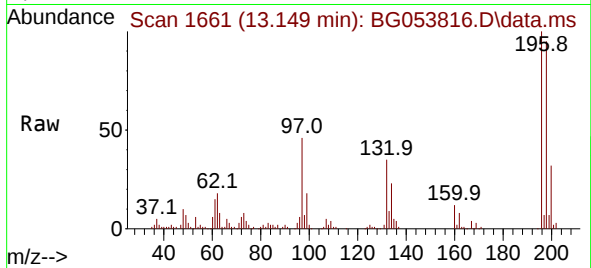
Tgt Ion:330 Resp: 1952
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 0.0 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 57.723 ng
RT: 13.149 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

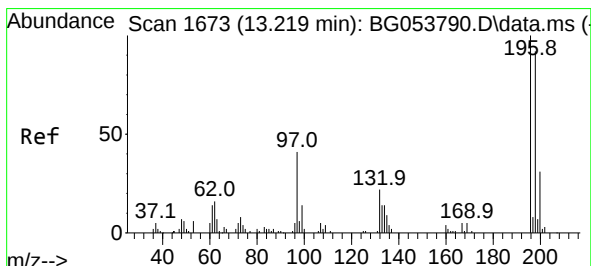
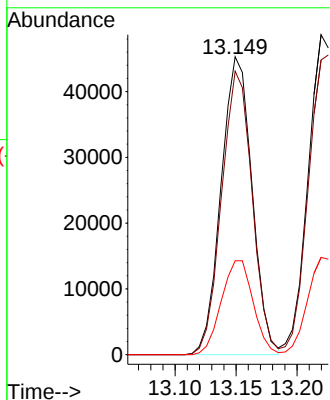
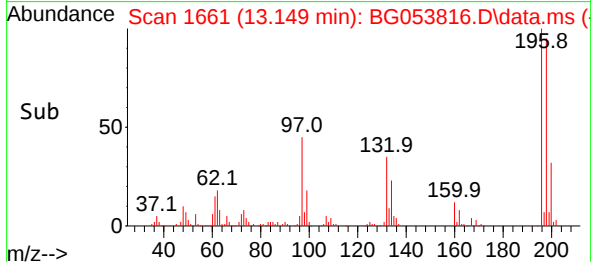
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



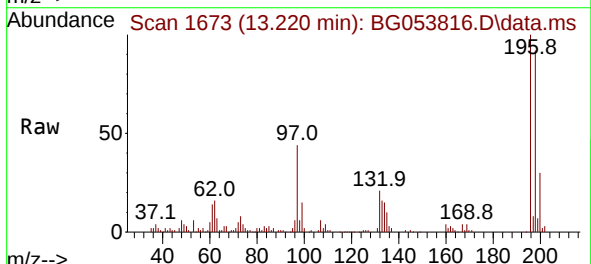
Tgt Ion:196 Resp: 79860
Ion Ratio Lower Upper
196 100
198 95.2 74.1 111.1
200 31.5 24.7 37.1

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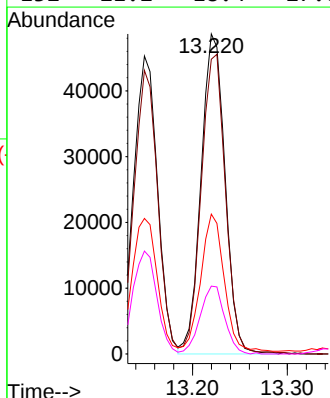
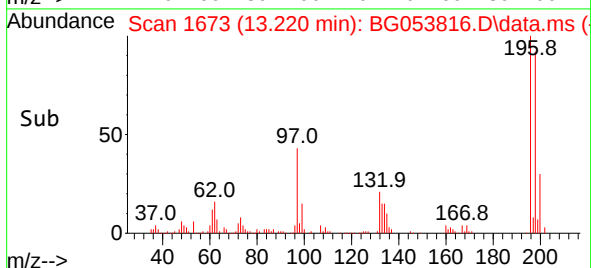
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

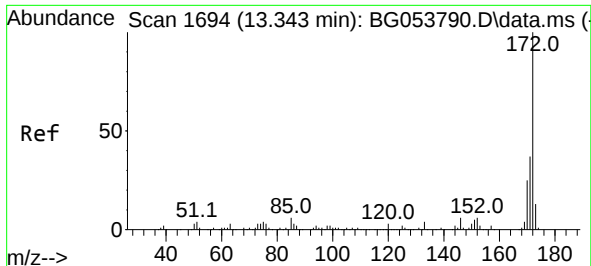


#44
2,4,5-Trichlorophenol
Concen: 55.526 ng
RT: 13.220 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



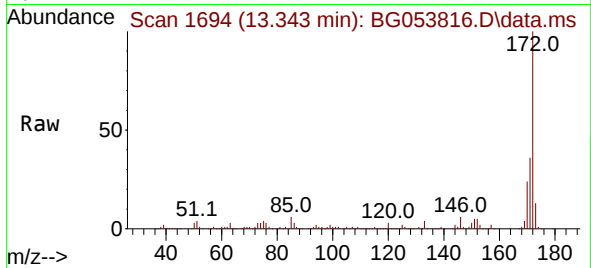
Tgt Ion:196 Resp: 85480
Ion Ratio Lower Upper
196 100
198 92.1 76.8 115.2
97 43.7 39.8 59.6
132 21.2 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 59.507 ng
RT: 13.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

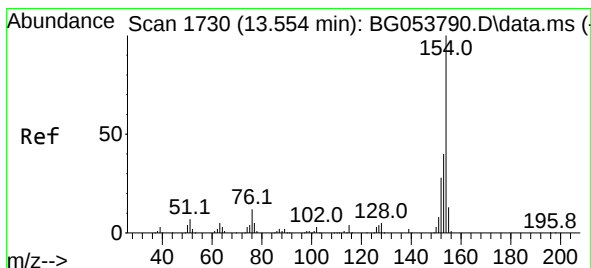
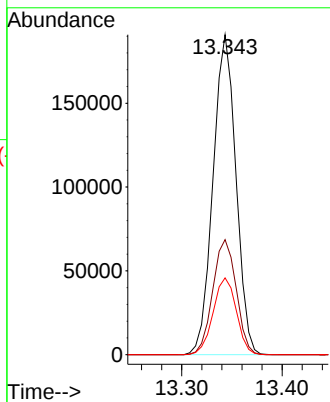
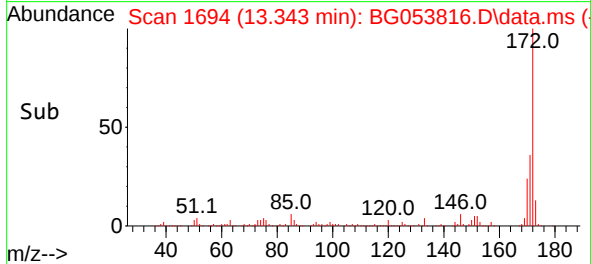
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



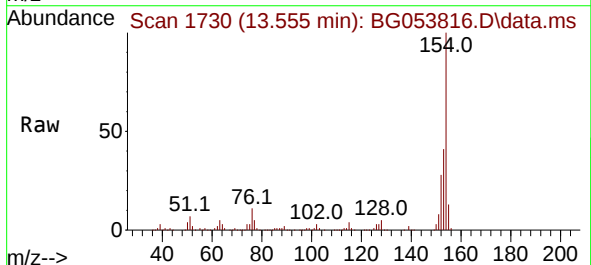
Tgt Ion:172 Resp: 30220
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.0 18.9 28.3

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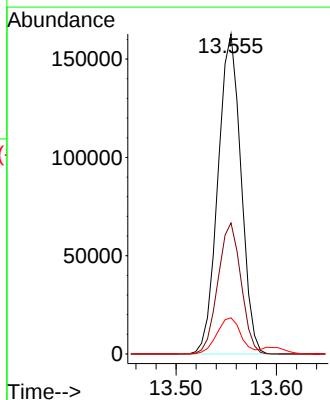
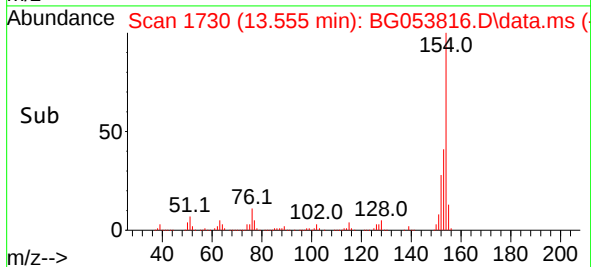
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

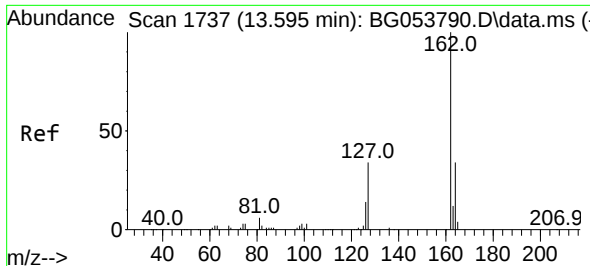


#46
1,1'-Biphenyl
Concen: 47.823 ng
RT: 13.555 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



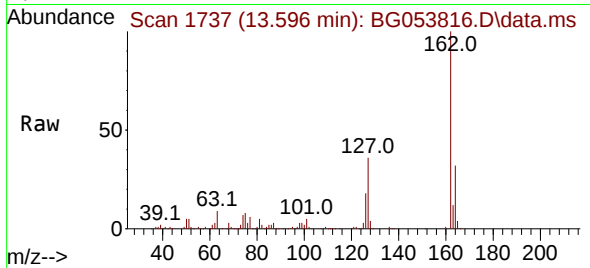
Tgt Ion:154 Resp: 258943
Ion Ratio Lower Upper
154 100
153 40.9 21.6 61.6
76 11.3 0.0 32.6





#47
2-Chloronaphthalene
Concen: 47.793 ng
RT: 13.596 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

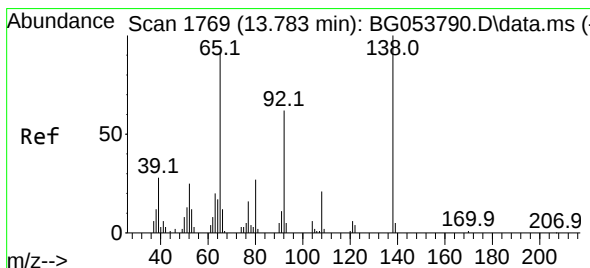
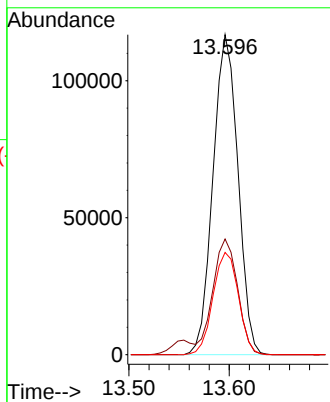
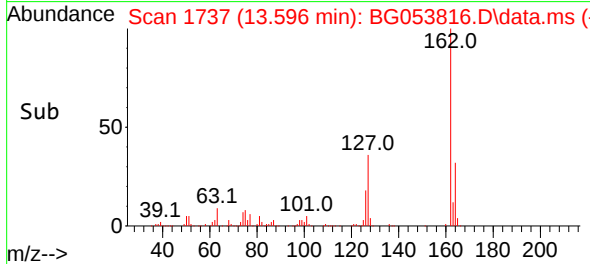
Instrument : BNA_G
ClientSampleId : 20220424-AMENDED-COMPOSITE-DMS



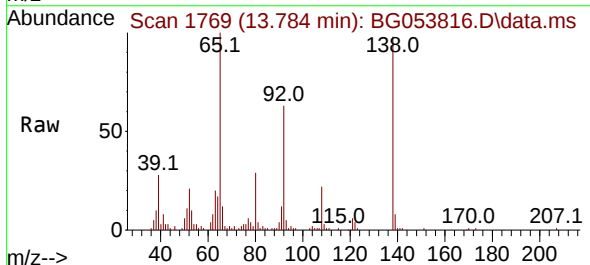
Tgt Ion:162 Resp: 201320
Ion Ratio Lower Upper
162 100
127 36.1 30.6 45.8
164 31.9 26.5 39.7

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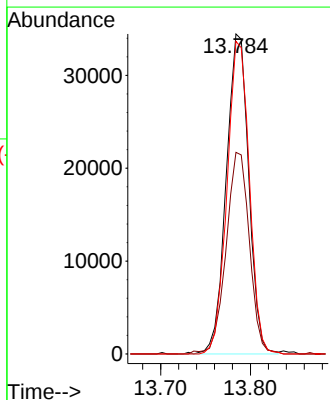
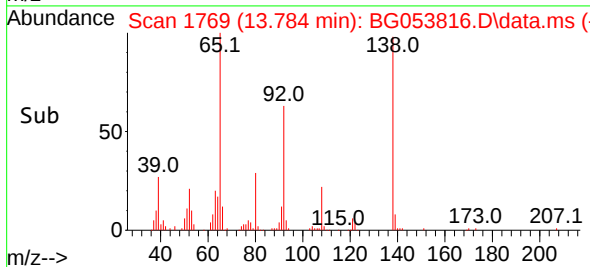
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

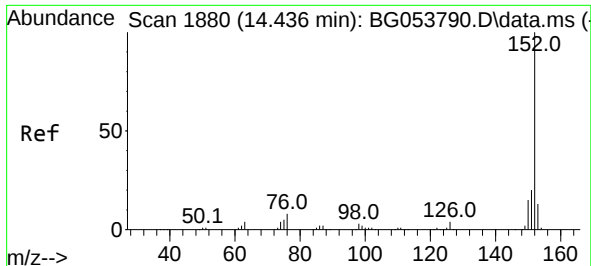


#48
2-Nitroaniline
Concen: 54.974 ng
RT: 13.784 min Scan# 1769
Delta R.T. 0.001 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



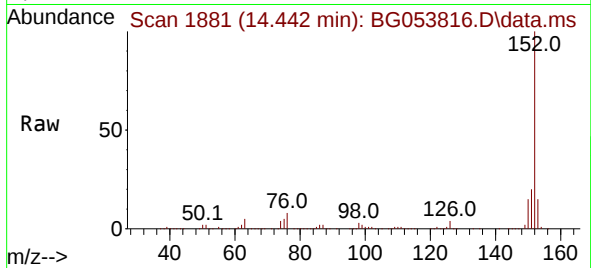
Tgt Ion: 65 Resp: 59789
Ion Ratio Lower Upper
65 100
92 63.0 51.5 77.3
138 97.7 71.3 106.9





#49
Acenaphthylene
Concen: 48.948 ng
RT: 14.442 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

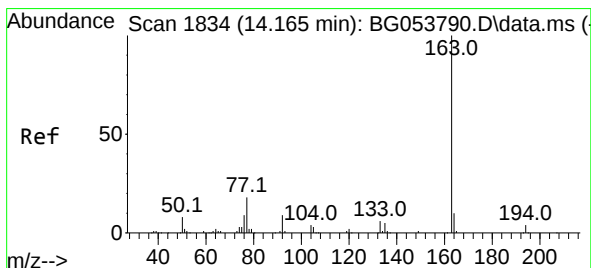
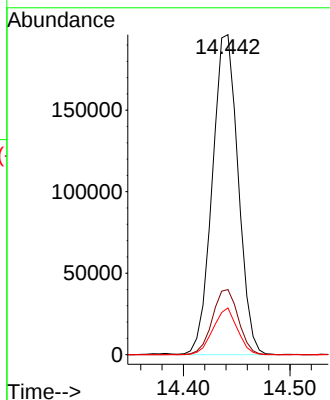
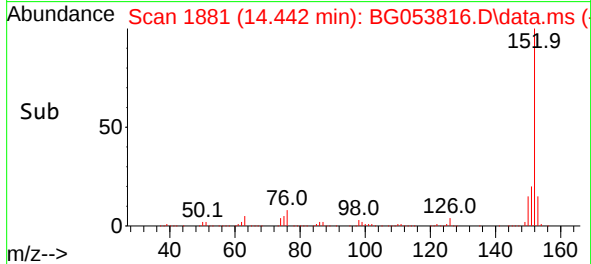
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



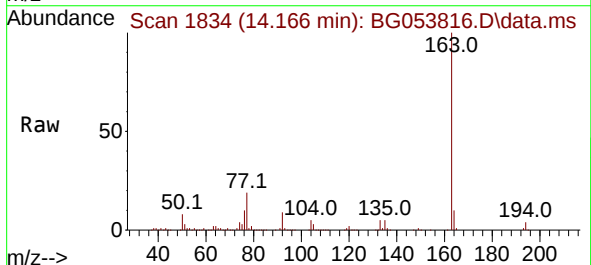
Tgt Ion:152 Resp: 330784
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.6 10.8 16.2

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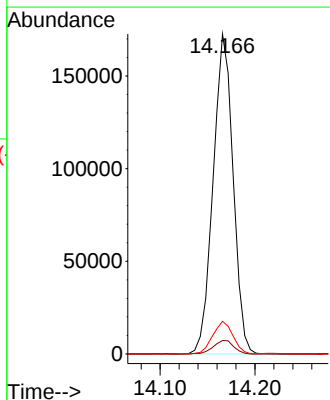
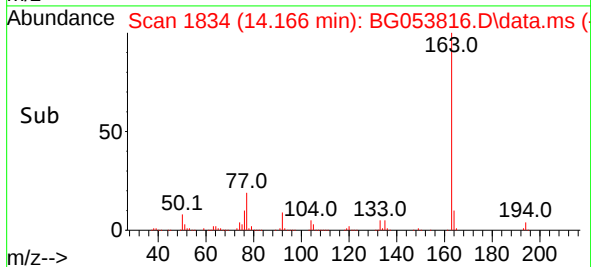
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

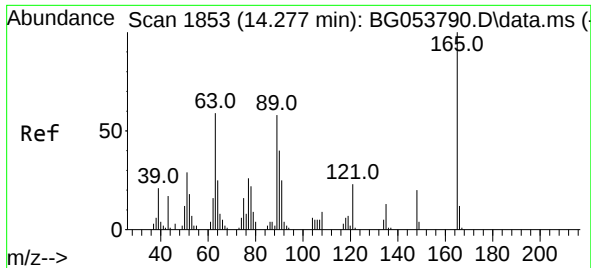


#50
Dimethylphthalate
Concen: 45.399 ng
RT: 14.166 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



Tgt Ion:163 Resp: 252772
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.2 8.0 12.0





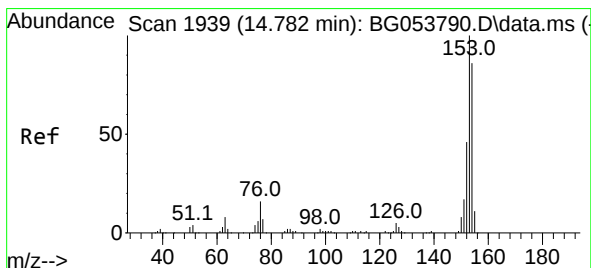
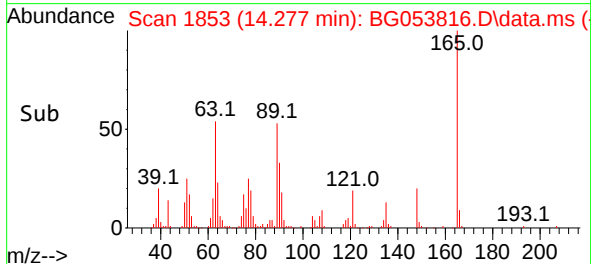
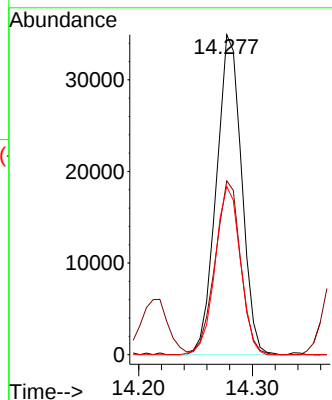
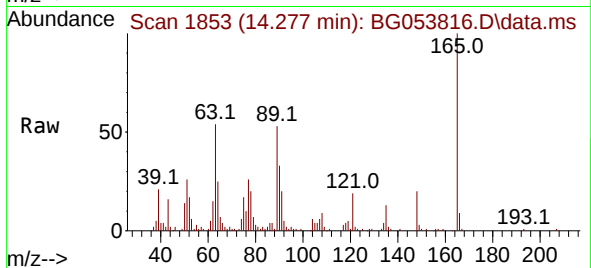
#51
2,6-Dinitrotoluene
Concen: 53.533 ng
RT: 14.277 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS

Tgt Ion:165 Resp: 53919
Ion Ratio Lower Upper
165 100
63 54.3 54.1 81.1
89 52.5 54.8 82.2

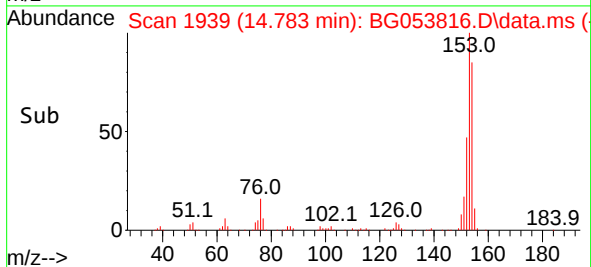
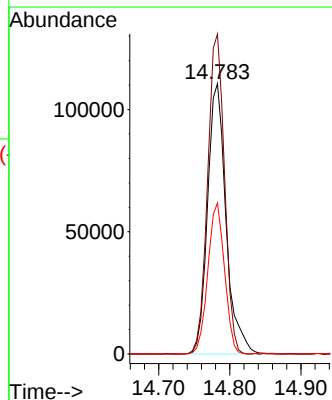
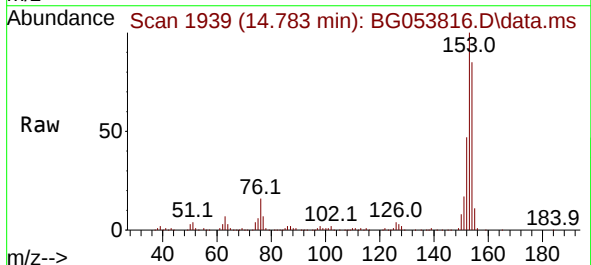
Manual Integrations
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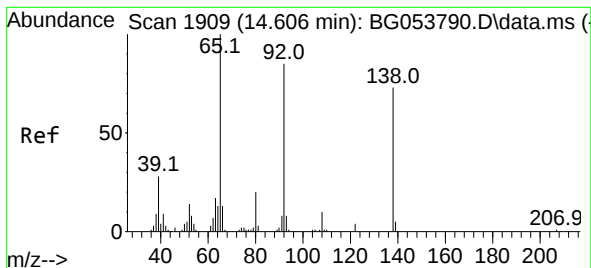
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#52
Acenaphthene
Concen: 46.654 ng
RT: 14.783 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

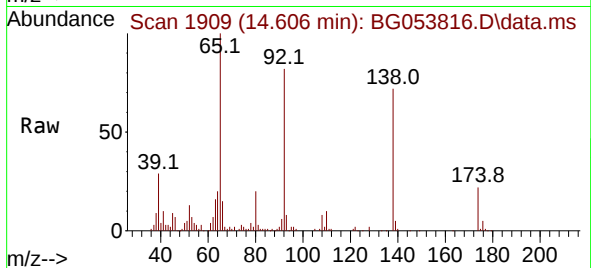
Tgt Ion:154 Resp: 200306
Ion Ratio Lower Upper
154 100
153 118.3 92.7 139.1
152 55.8 42.6 64.0





#53
3-Nitroaniline
Concen: 44.495 ng
RT: 14.606 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

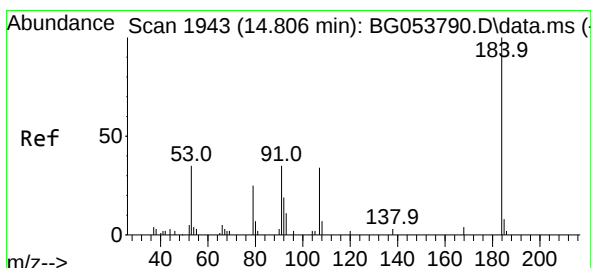
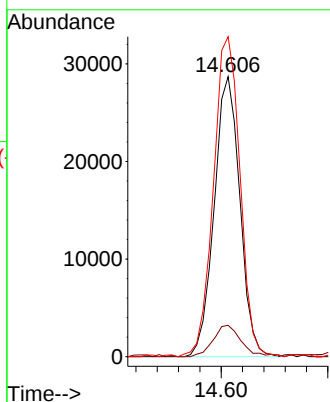
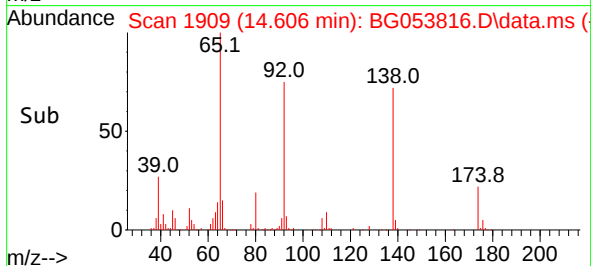
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



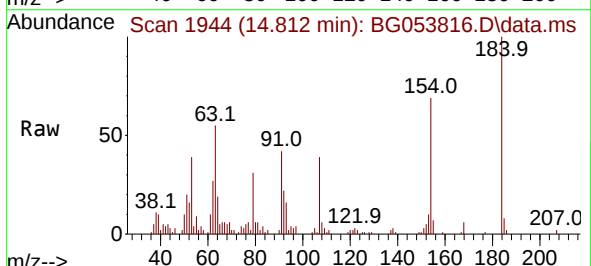
Tgt Ion:138 Resp: 4792
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 114.3 101.9 152.9

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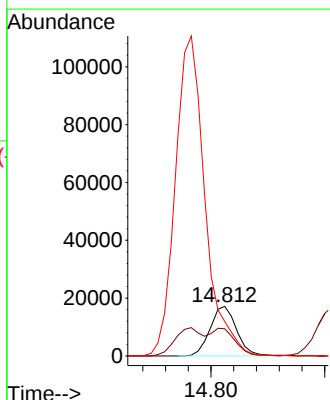
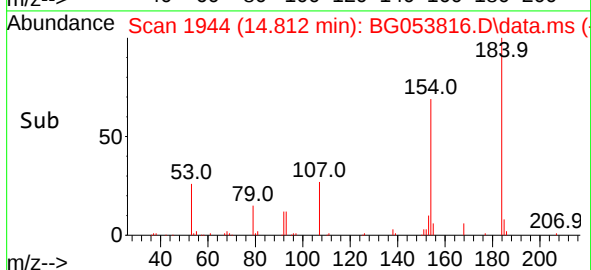
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

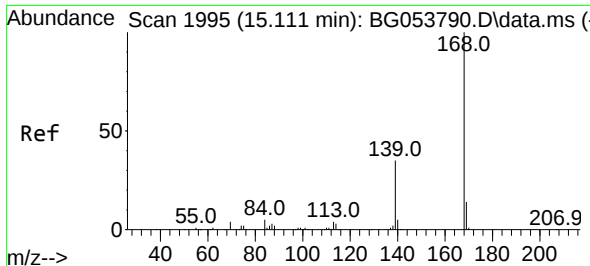


#54
2,4-Dinitrophenol
Concen: 57.214 ng
RT: 14.812 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



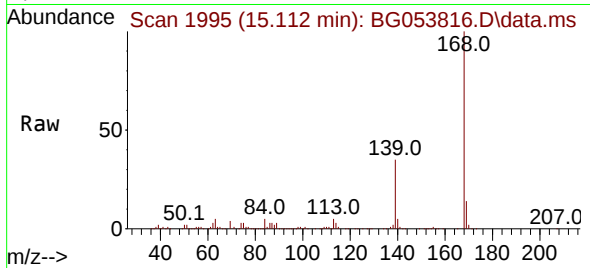
Tgt Ion:184 Resp: 27592
Ion Ratio Lower Upper
184 100
63 55.0 61.1 91.7#
154 69.3 60.6 91.0





#55
Dibenzenofuran
Concen: 45.922 ng
RT: 15.112 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

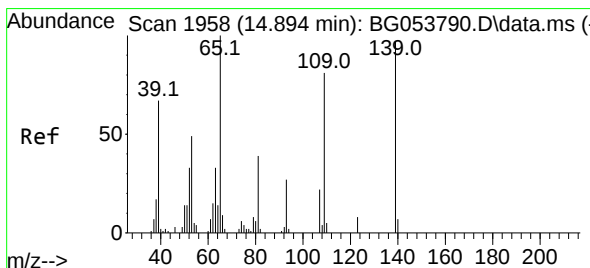
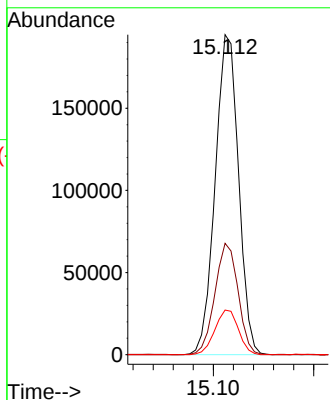
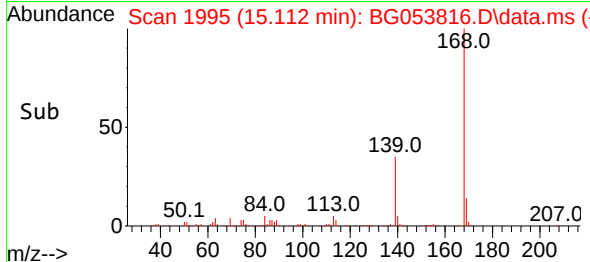
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:168 Resp: 314308
Ion Ratio Lower Upper
168 100
139 34.8 30.5 45.7
169 13.9 10.3 15.5

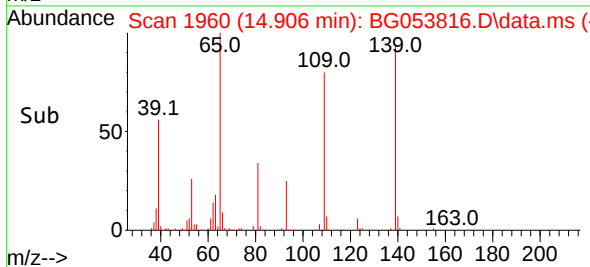
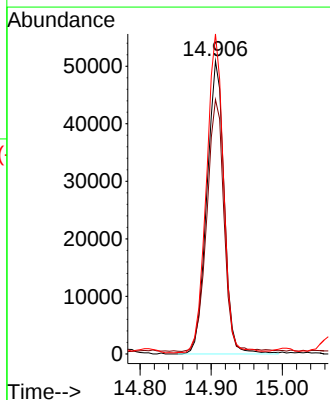
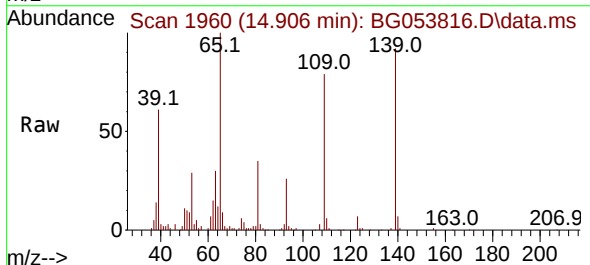
Manual Integrations
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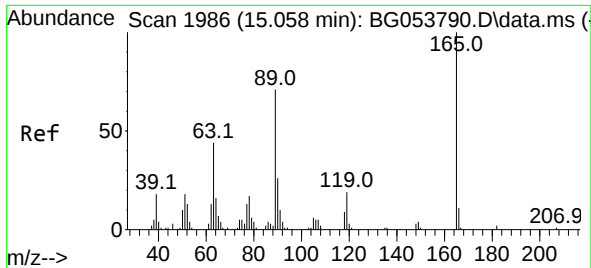
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#56
4-Nitrophenol
Concen: 96.169 ng
RT: 14.906 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

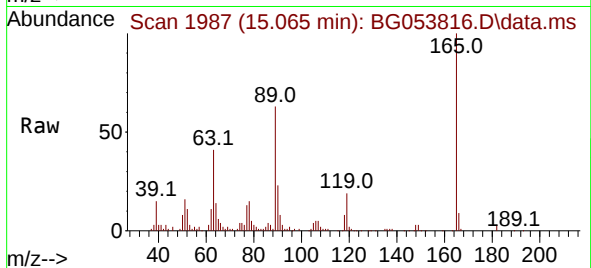
Tgt Ion:139 Resp: 86262
Ion Ratio Lower Upper
139 100
109 86.8 88.5 128.5#
65 109.2 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 53.584 ng
RT: 15.065 min Scan# 1986
Delta R.T. 0.007 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

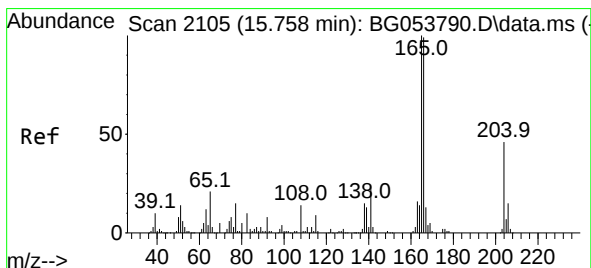
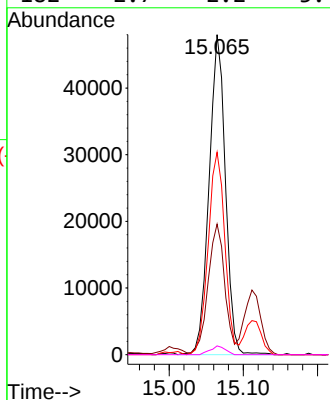
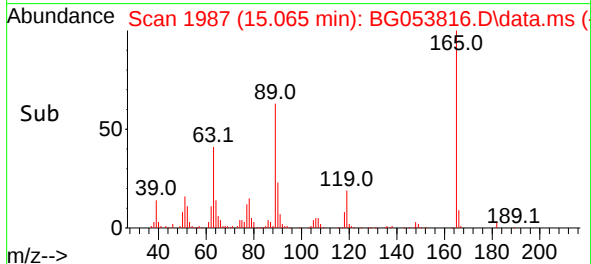
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



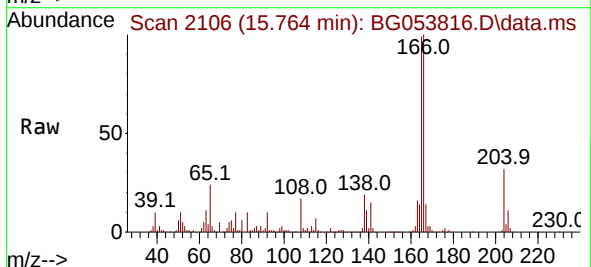
Tgt Ion:165 Resp: 73570
Ion Ratio Lower Upper
165 100
63 40.8 34.6 52.0
89 63.3 60.3 90.5
182 2.7 2.2 3.4

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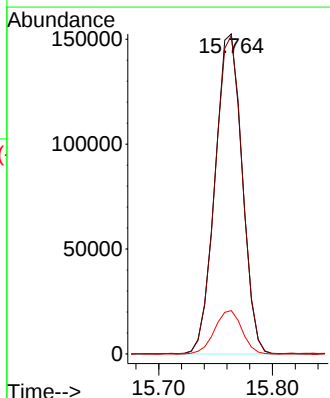
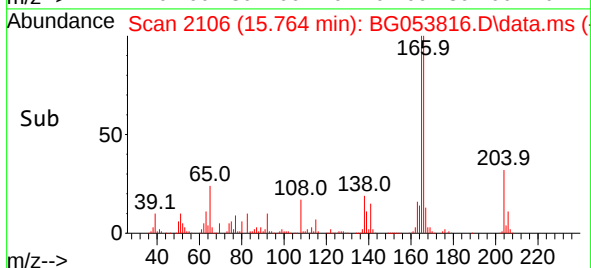
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

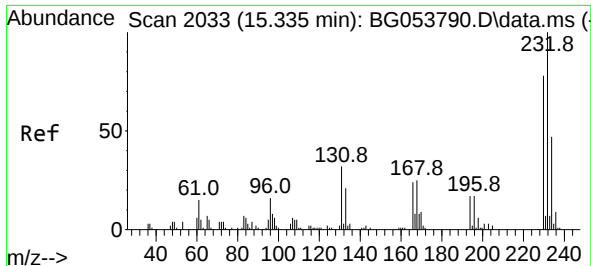


#58
Fluorene
Concen: 44.651 ng
RT: 15.764 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



Tgt Ion:166 Resp: 253036
Ion Ratio Lower Upper
166 100
165 99.5 75.0 112.6
167 13.6 10.8 16.2





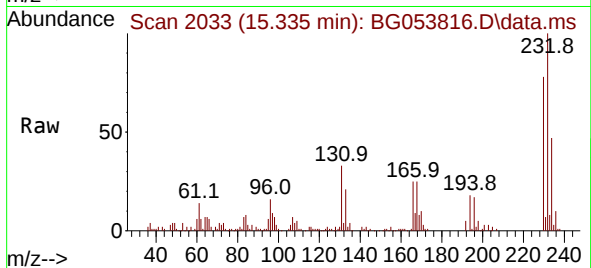
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.314 ng m
RT: 15.335 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

20220424-AMENDED-COMPOSITE-DMS

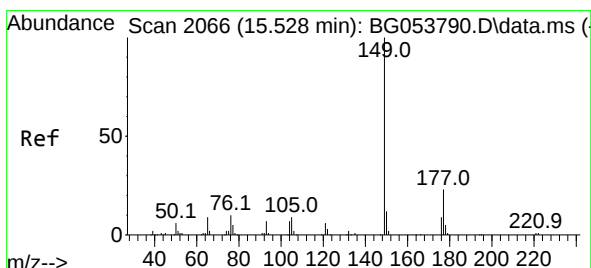
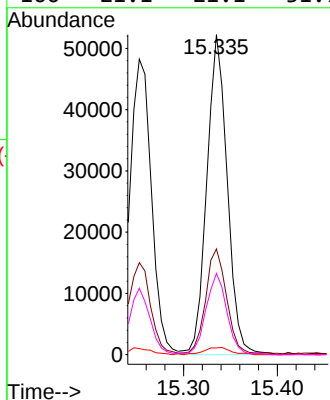
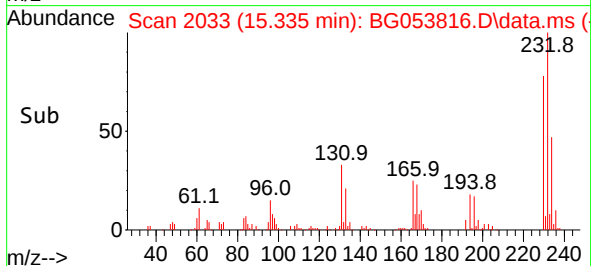


Tgt Ion:232 Resp: 79221
Ion Ratio Lower Upper
232 100
131 31.0 30.6 46.0
130 2.4 1.8 2.8
166 21.1 21.1 31.7#

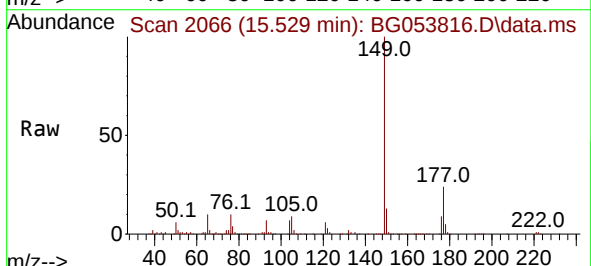
Manual Integrations

APPROVED

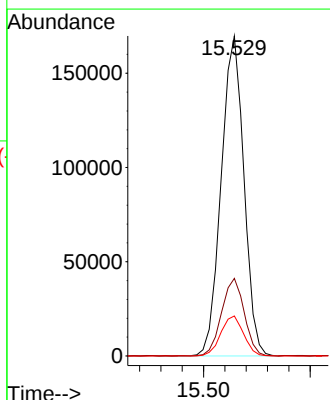
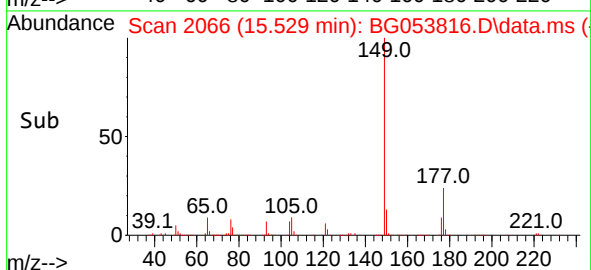
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

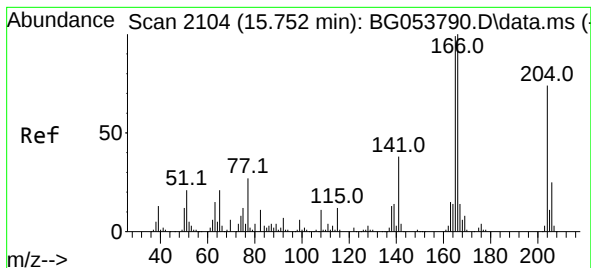


#60
Diethylphthalate
Concen: 44.445 ng
RT: 15.529 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



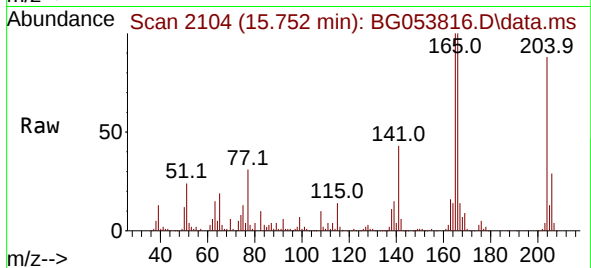
Tgt Ion:149 Resp: 250621
Ion Ratio Lower Upper
149 100
177 24.2 18.4 27.6
150 12.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 47.116 ng
RT: 15.752 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

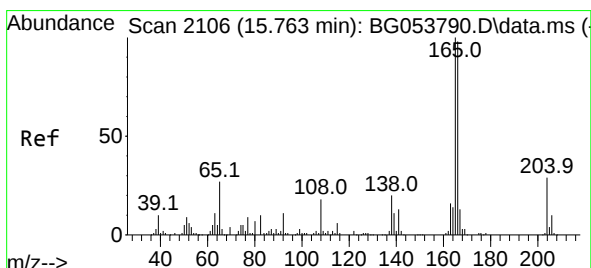
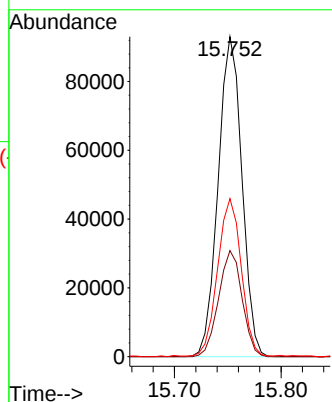
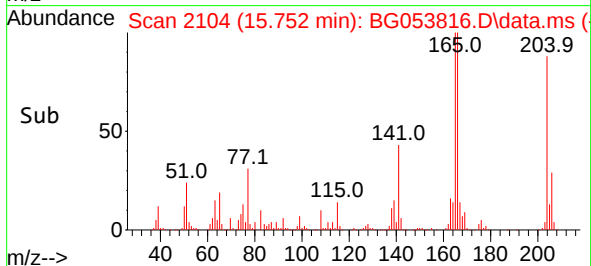
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



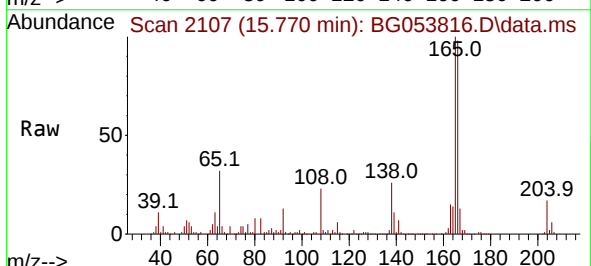
Tgt Ion:204 Resp: 14394
Ion Ratio Lower Upper
204 100
206 33.2 27.5 41.3
141 49.4 45.3 67.9

Manual Integrations
APPROVED

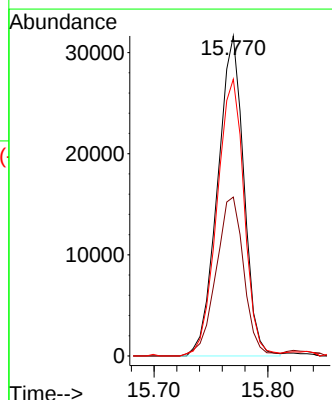
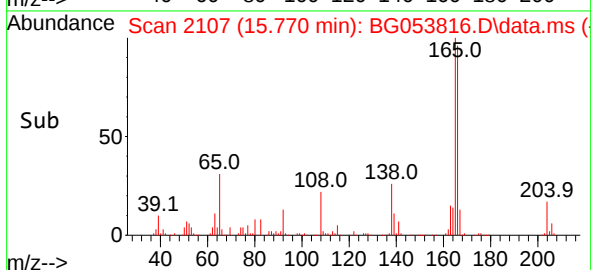
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

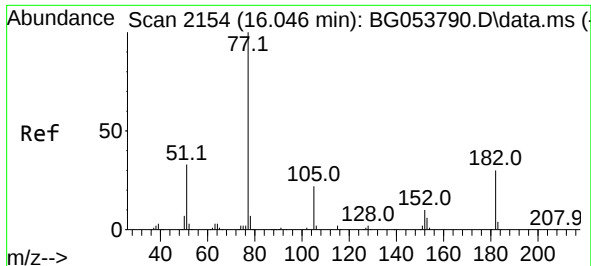


#62
4-Nitroaniline
Concen: 43.607 ng
RT: 15.770 min Scan# 2107
Delta R.T. 0.007 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



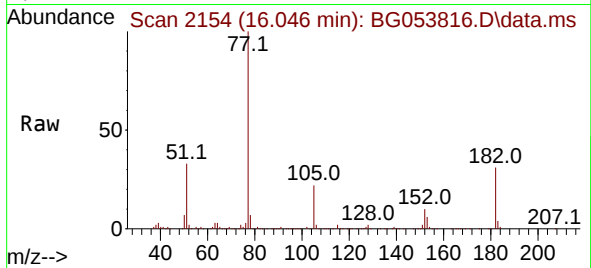
Tgt Ion:138 Resp: 50739
Ion Ratio Lower Upper
138 100
92 49.6 40.5 80.5
108 86.5 103.7 143.7#





#63
Azobenzene
Concen: 42.395 ng
RT: 16.046 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

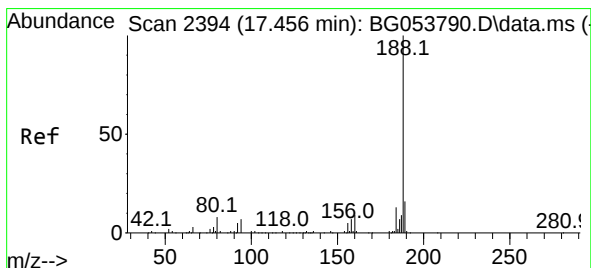
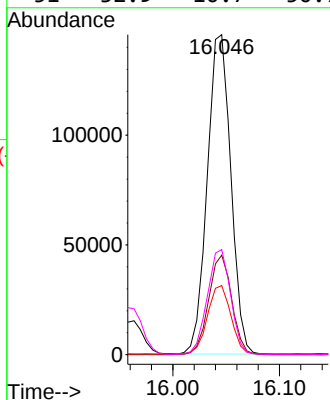
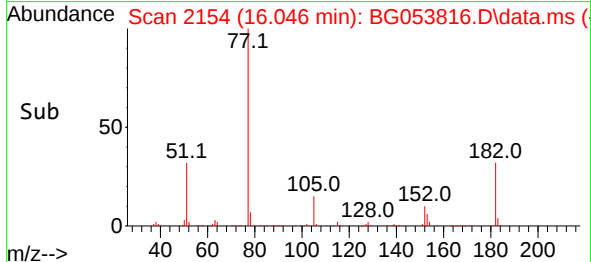
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



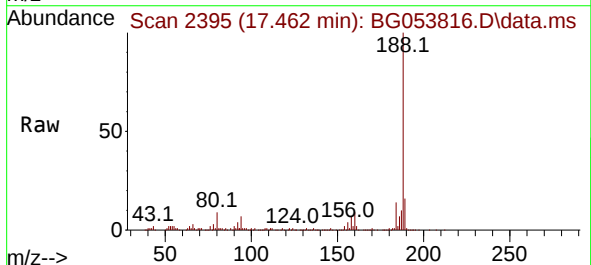
Tgt Ion: 77 Resp: 223680
Ion Ratio Lower Upper
77 100
182 31.1 3.8 43.8
105 21.6 0.0 37.8
51 32.9 10.7 50.7

Manual Integrations
APPROVED

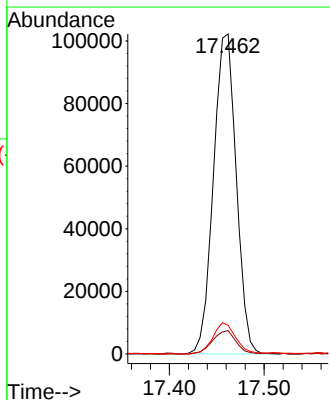
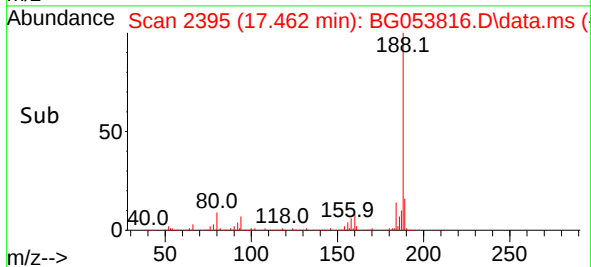
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

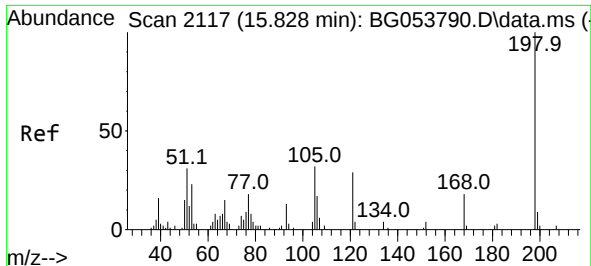


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.462 min Scan# 2395
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



Tgt Ion:188 Resp: 170826
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 9.0 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 37.905 ng
RT: 15.828 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

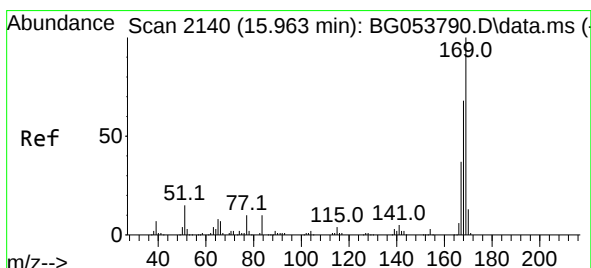
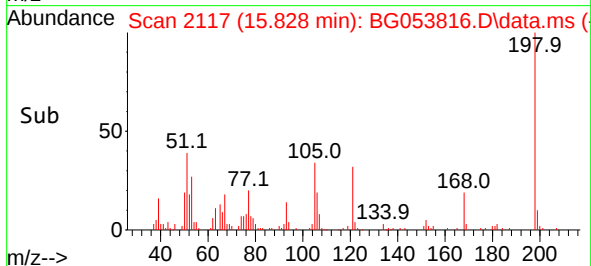
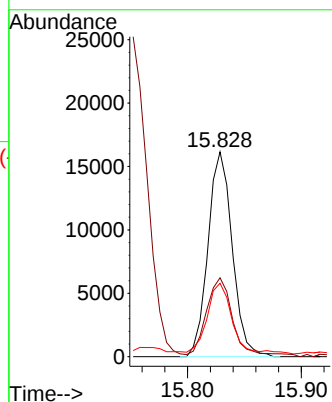
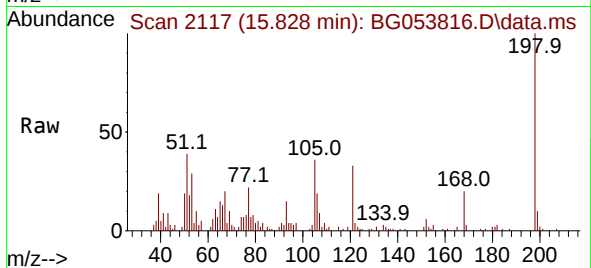
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Tgt Ion:198 Resp: 23920
Ion Ratio Lower Upper
198 100
51 38.5 28.1 68.1
105 35.9 20.3 60.3

Manual Integrations

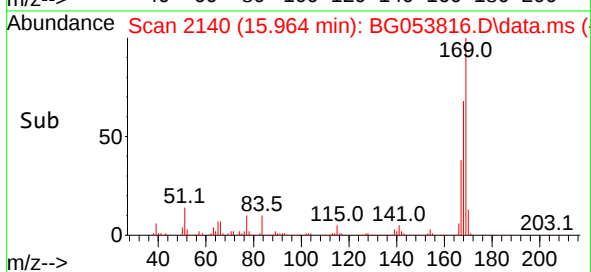
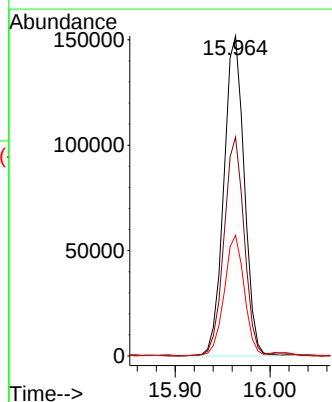
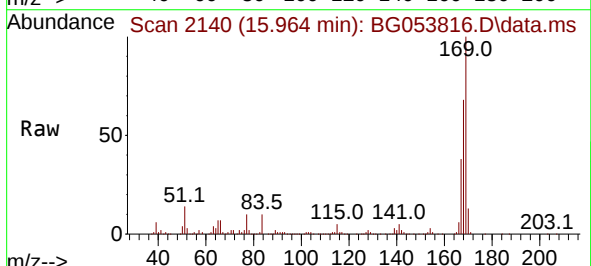
APPROVED

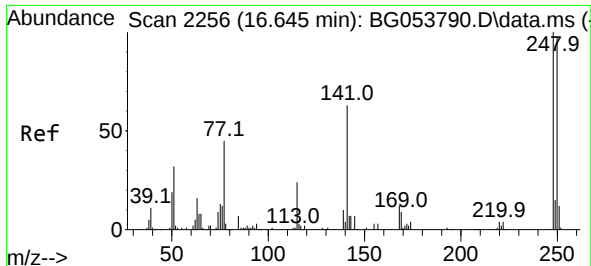
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#66
n-Nitrosodiphenylamine
Concen: 50.121 ng
RT: 15.964 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

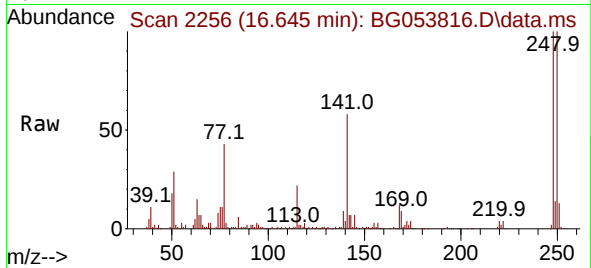
Tgt Ion:169 Resp: 227676
Ion Ratio Lower Upper
169 100
168 68.4 55.9 83.9
167 37.7 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 52.326 ng
RT: 16.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

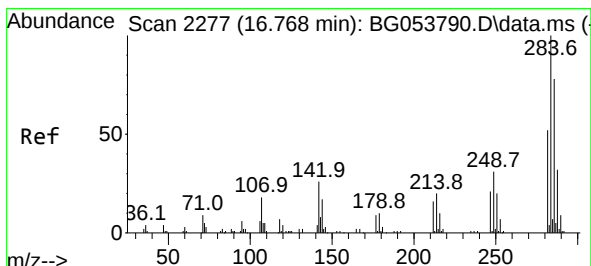
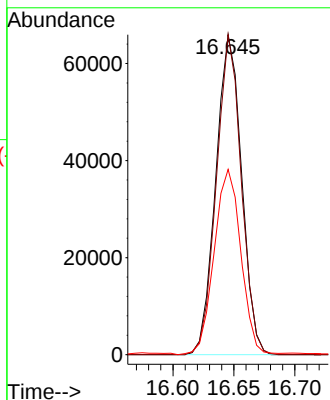
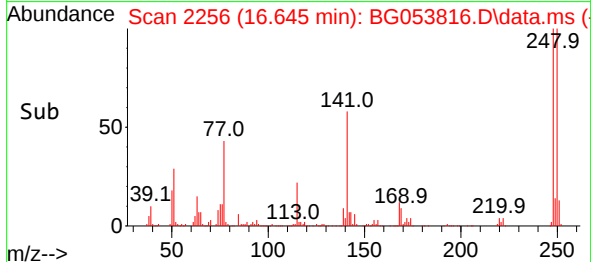
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



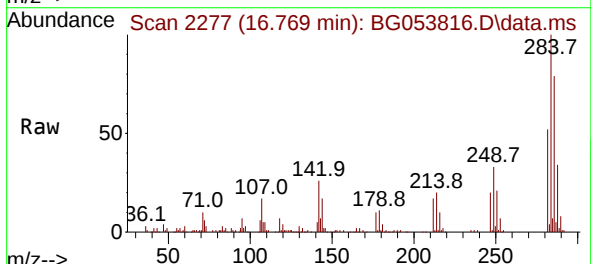
Tgt Ion:248 Resp: 9712
Ion Ratio Lower Upper
248 100
250 100.0 75.2 112.8
141 57.9 50.0 75.0

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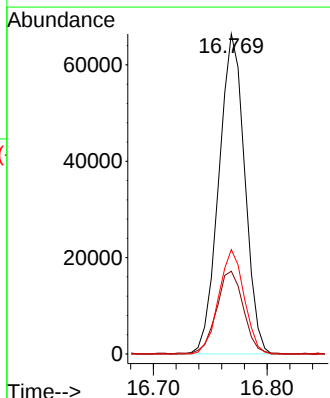
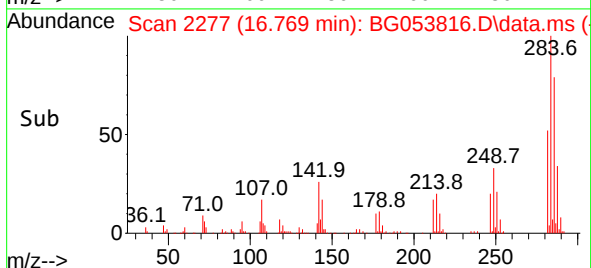
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

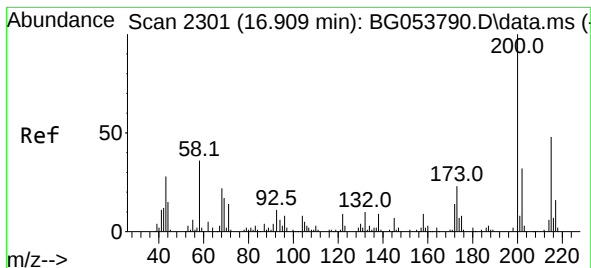


#68
Hexachlorobenzene
Concen: 50.790 ng
RT: 16.769 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



Tgt Ion:284 Resp: 105079
Ion Ratio Lower Upper
284 100
142 25.8 23.6 35.4
249 35.2 25.8 38.6





#69

Atrazine

Concen: 51.755 ng

RT: 16.910 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053816.D

Acq: 3 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

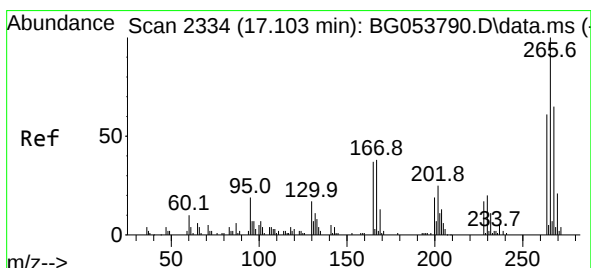
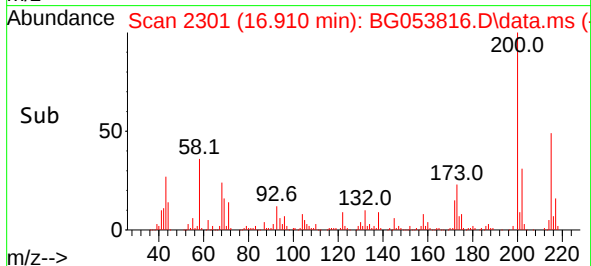
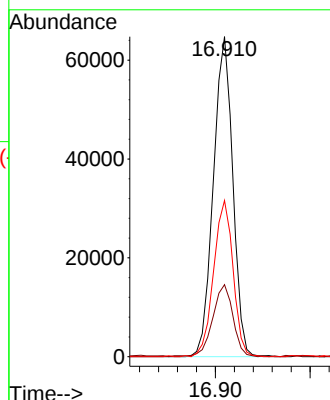
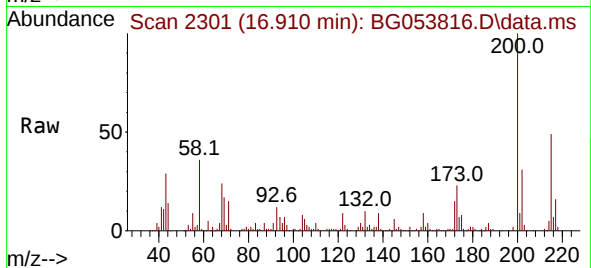
20220424-AMENDED-COMPOSITE-DMS

Tgt Ion:200 Resp: 92049
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.7 43.7
 215 48.8 25.2 65.2

Manual Integrations

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



#70

Pentachlorophenol

Concen: 95.433 ng

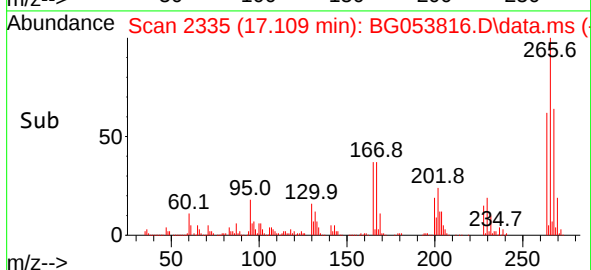
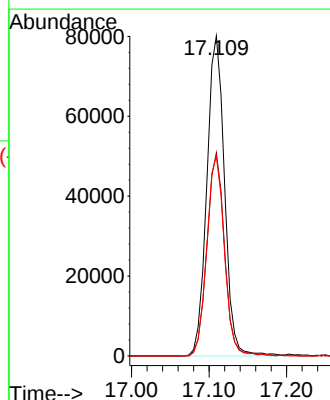
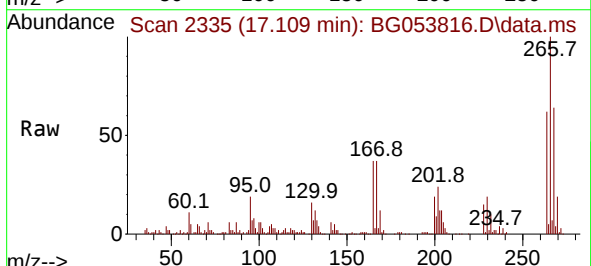
RT: 17.109 min Scan# 2335

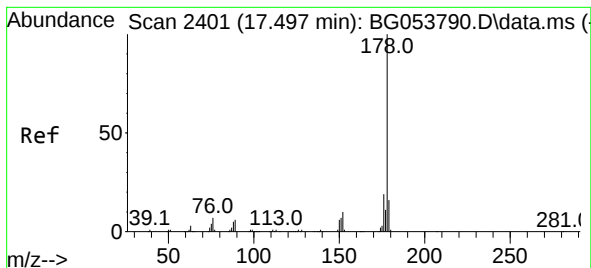
Delta R.T. 0.006 min

Lab File: BG053816.D

Acq: 3 Jun 2022 16:58

Tgt Ion:266 Resp: 126881
 Ion Ratio Lower Upper
 266 100
 268 68.0 56.2 84.2
 264 67.7 53.0 79.4





#71

Phenanthrene

Concen: 46.599 ng

RT: 17.503 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BG053816.D

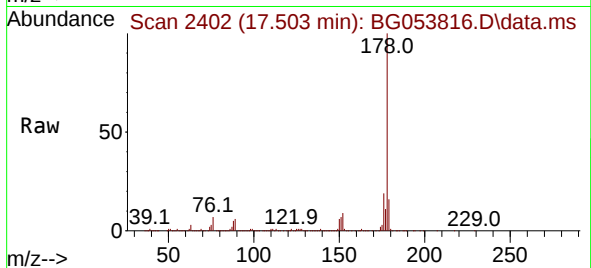
Acq: 3 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:178 Resp: 419000

Ion Ratio Lower Upper

178 100

176 18.8 14.1 21.1

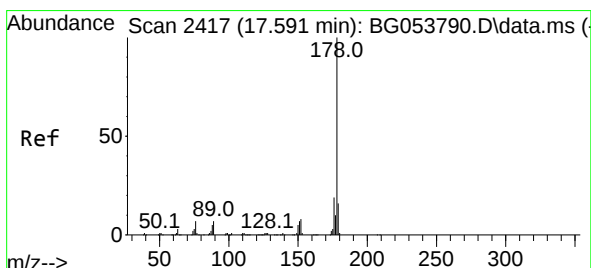
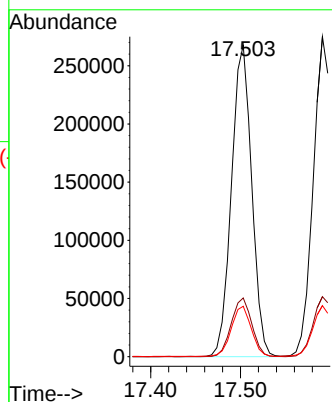
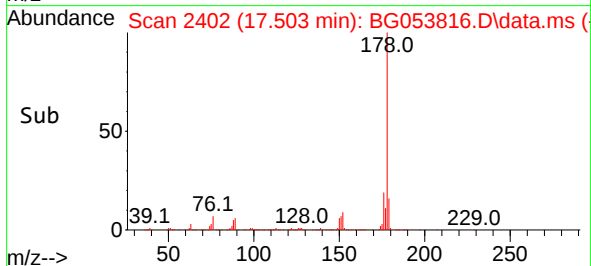
179 16.2 12.1 18.1

Manual Integrations

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Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#72

Anthracene

Concen: 47.925 ng

RT: 17.591 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BG053816.D

Acq: 3 Jun 2022 16:58

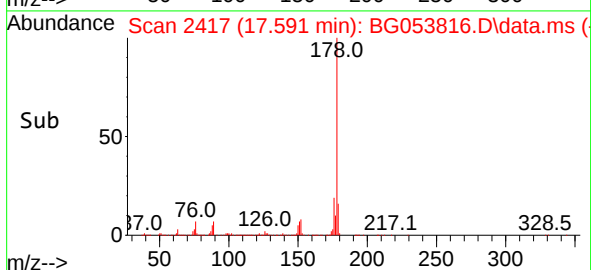
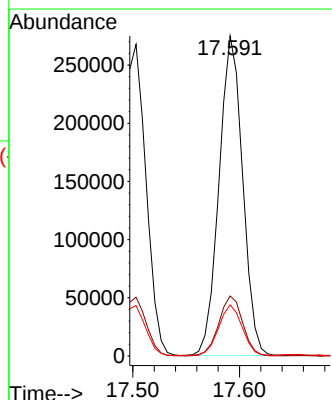
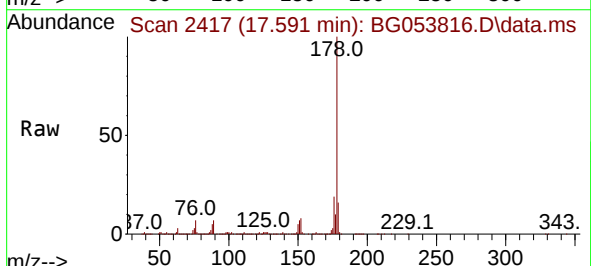
Tgt Ion:178 Resp: 421738

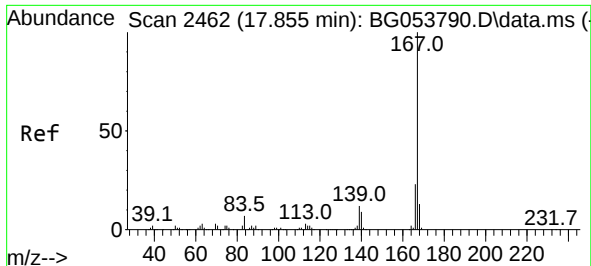
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

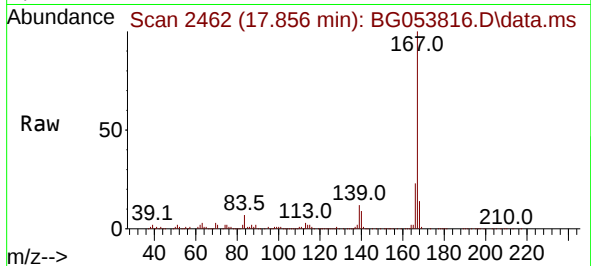
179 15.9 13.0 19.4





#73
 Carbazole
 Concen: 46.730 ng
 RT: 17.856 min Scan# 2462
 Delta R.T. 0.000 min
 Lab File: BG053816.D
 Acq: 3 Jun 2022 16:58

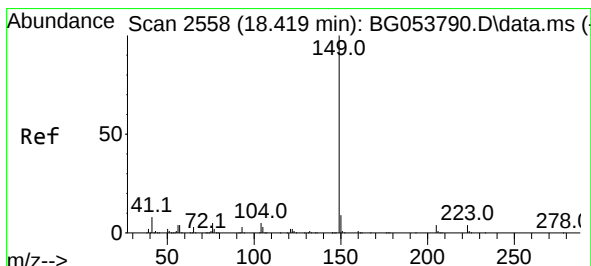
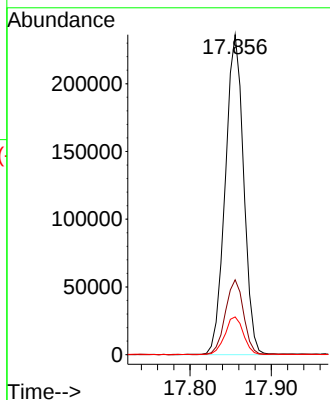
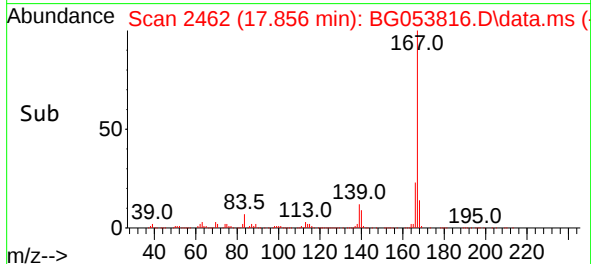
Instrument :
 BNA_G
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-DMS



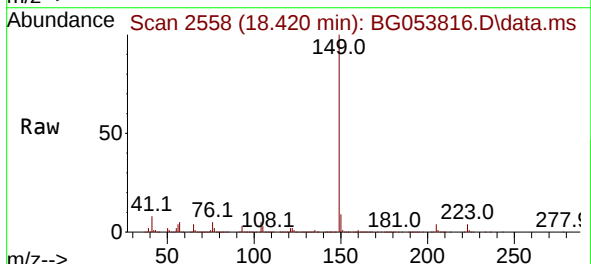
Tgt Ion:167 Resp: 37119
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.2
 139 11.8 10.1 15.1

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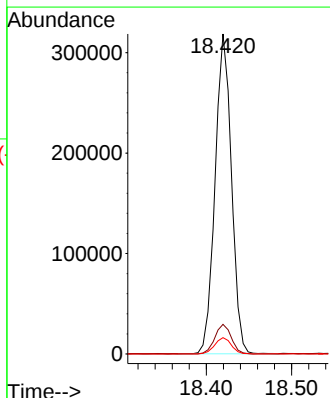
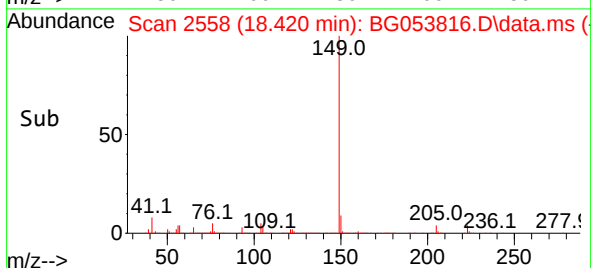
Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022

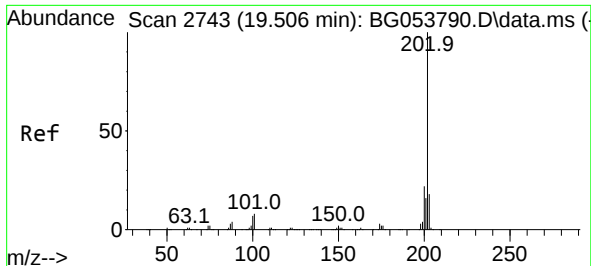


#74
 Di-n-butylphthalate
 Concen: 46.390 ng
 RT: 18.420 min Scan# 2558
 Delta R.T. 0.000 min
 Lab File: BG053816.D
 Acq: 3 Jun 2022 16:58



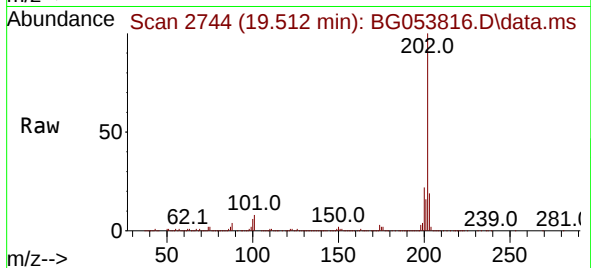
Tgt Ion:149 Resp: 423733
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.1 5.4 8.0#





#75
Fluoranthene
Concen: 43.995 ng
RT: 19.512 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

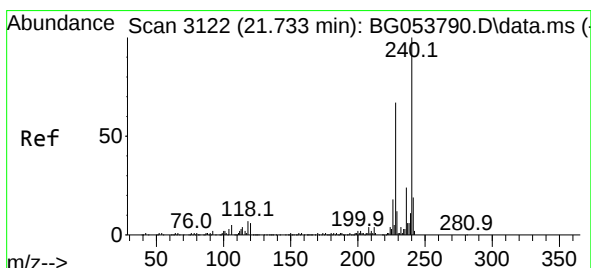
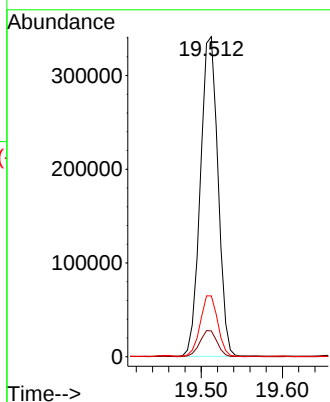
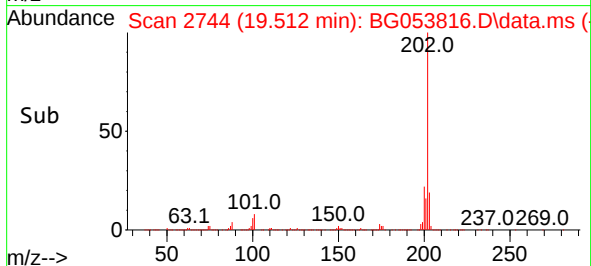
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:202 Resp: 51308
Ion Ratio Lower Upper
202 100
101 8.0 0.0 26.9
203 19.0 0.0 37.2

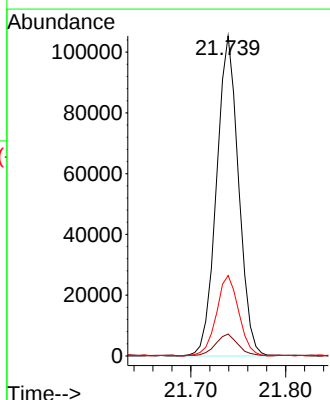
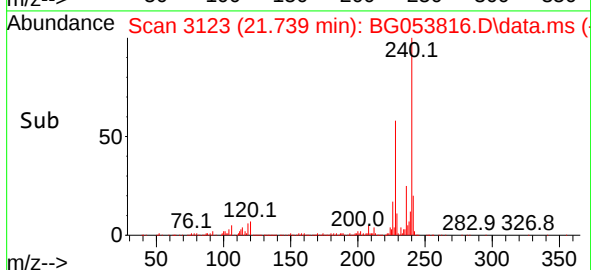
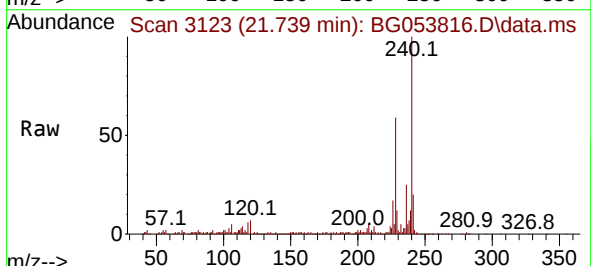
Manual Integrations
APPROVED

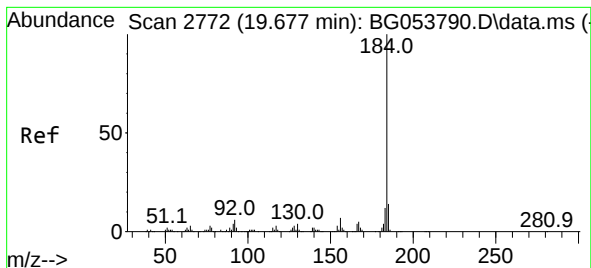
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3123
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Tgt Ion:240 Resp: 170290
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.1 20.2 30.4





#77

Benzidine

Concen: 68.684 ng

RT: 19.683 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG053816.D

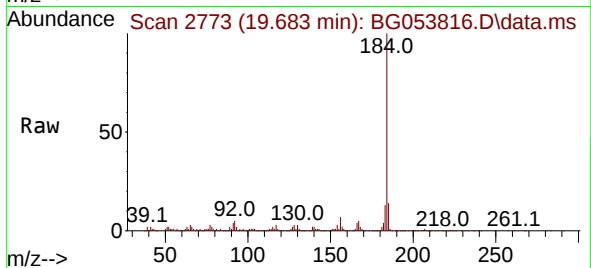
Acq: 3 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:184 Resp: 28600

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

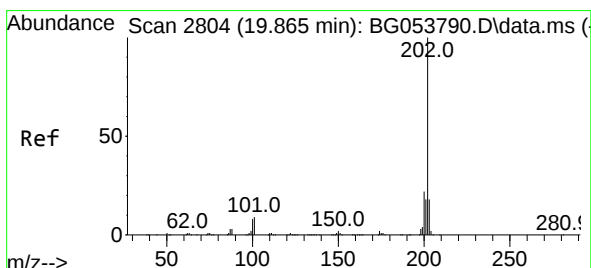
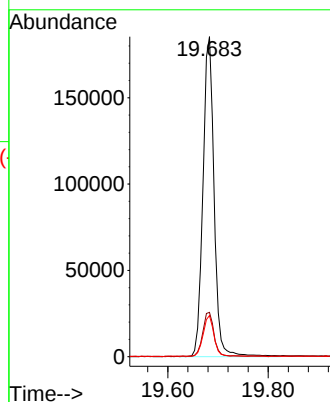
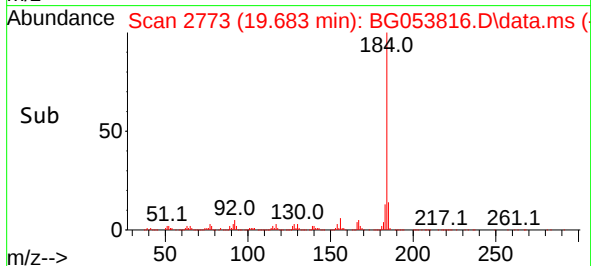
183 12.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/06/2022

Supervised By :Jagrut Upadhyay 06/06/2022



#78

Pyrene

Concen: 48.230 ng

RT: 19.871 min Scan# 2805

Delta R.T. 0.006 min

Lab File: BG053816.D

Acq: 3 Jun 2022 16:58

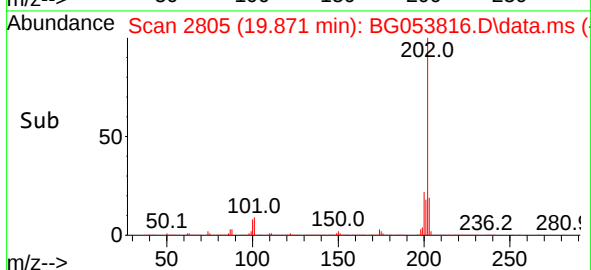
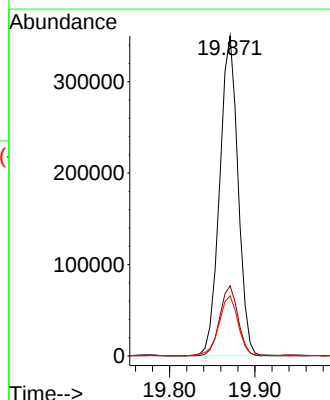
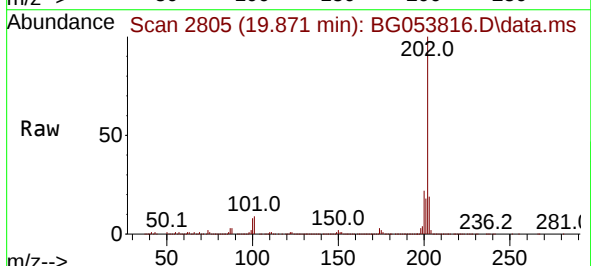
Tgt Ion:202 Resp: 522310

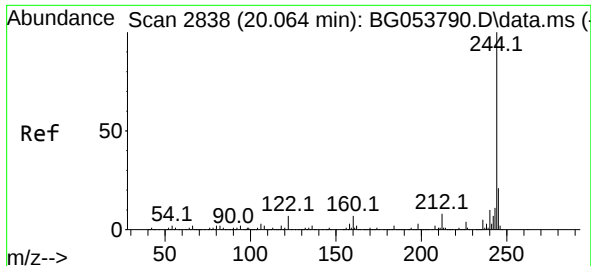
Ion Ratio Lower Upper

202 100

200 21.9 16.6 24.8

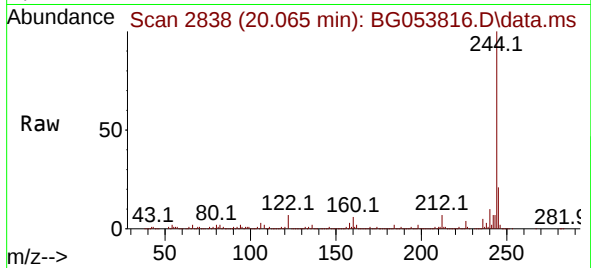
203 18.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 58.341 ng
 RT: 20.065 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053816.D
 Acq: 3 Jun 2022 16:58

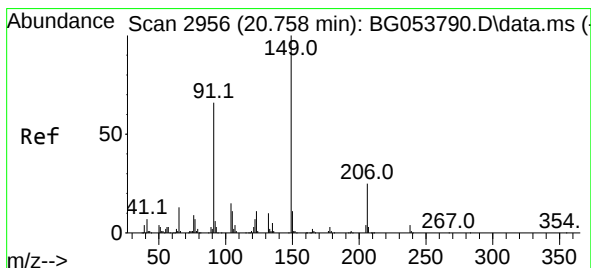
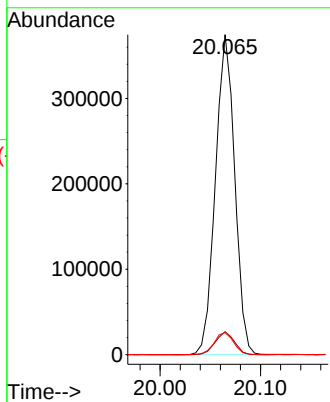
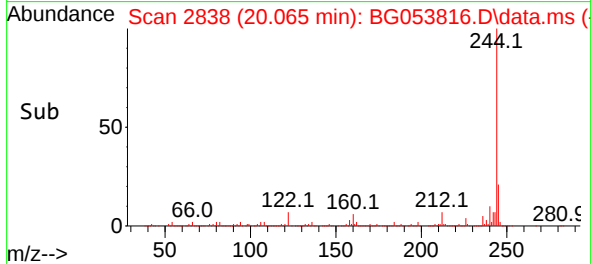
Instrument :
 BNA_G
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:244 Resp: 49938
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.9 5.0 7.4

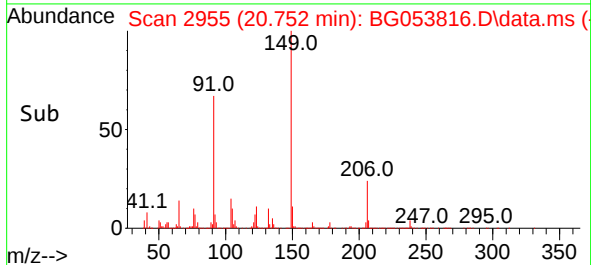
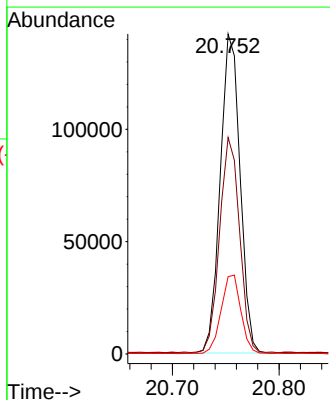
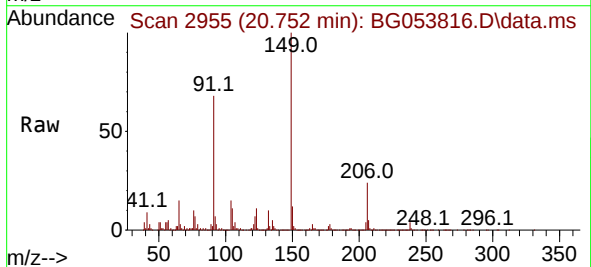
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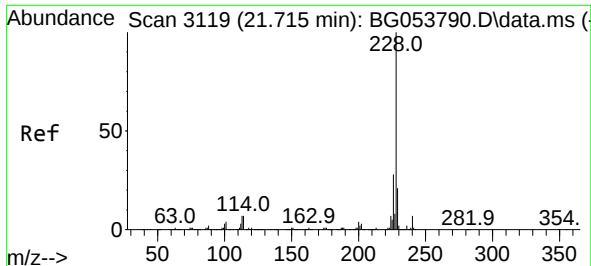
Reviewed By :Christian Giraldo 06/06/2022
 Supervised By :Jagrut Upadhyay 06/06/2022



#80
 Butylbenzylphthalate
 Concen: 51.937 ng
 RT: 20.752 min Scan# 2955
 Delta R.T. -0.005 min
 Lab File: BG053816.D
 Acq: 3 Jun 2022 16:58

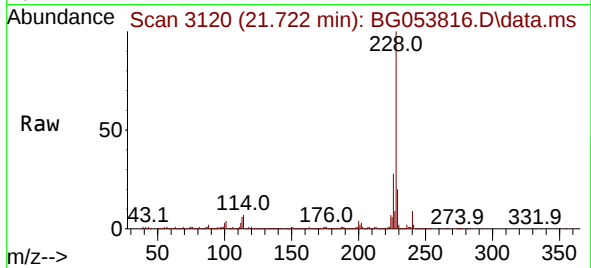
Tgt Ion:149 Resp: 183437
 Ion Ratio Lower Upper
 149 100
 91 67.7 59.6 89.4
 206 24.2 18.6 28.0





#81
Benzo(a)anthracene
Concen: 47.947 ng
RT: 21.722 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

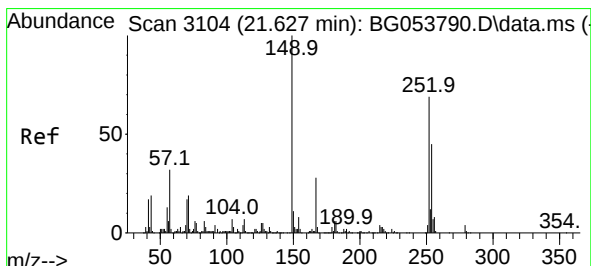
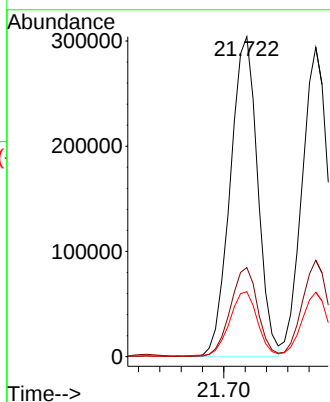
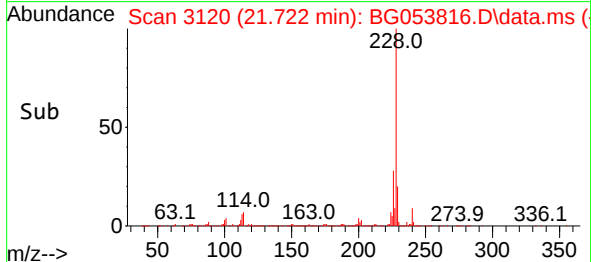
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:228 Resp: 542051
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.3 16.2 24.2

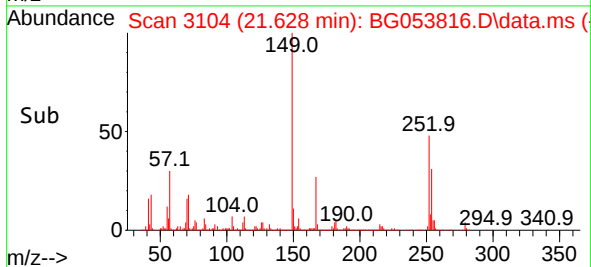
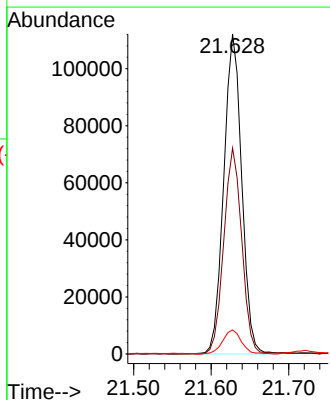
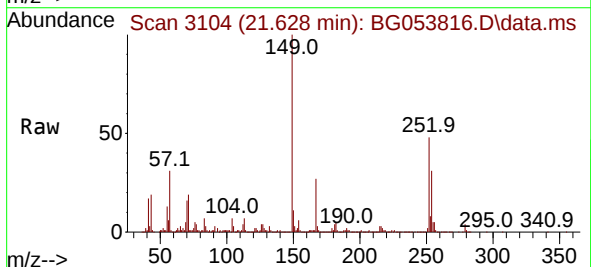
Manual Integrations
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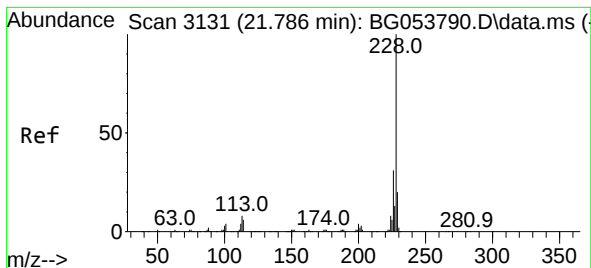
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#82
3,3'-Dichlorobenzidine
Concen: 56.677 ng
RT: 21.628 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Tgt Ion:252 Resp: 180600
Ion Ratio Lower Upper
252 100
254 64.3 49.8 74.8
126 7.5 6.0 9.0





#83

Chrysene

Concen: 47.079 ng

RT: 21.786 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BG053816.D

Acq: 3 Jun 2022 16:58

Instrument :

BNA_G

ClientSampleId :

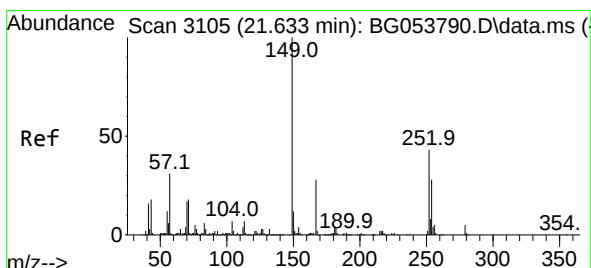
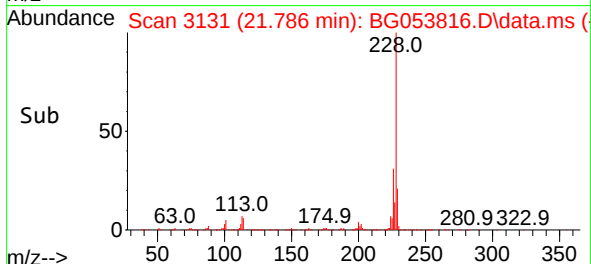
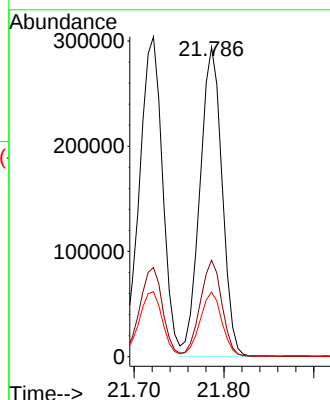
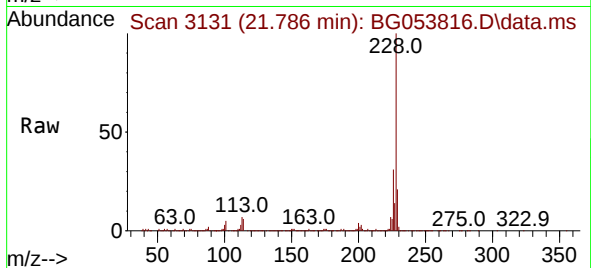
20220424-AMENDED-COMPOSITE-DMS

Tgt Ion:228 Resp: 50239
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.4 35.2
 229 20.8 15.5 23.3

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.054 ng

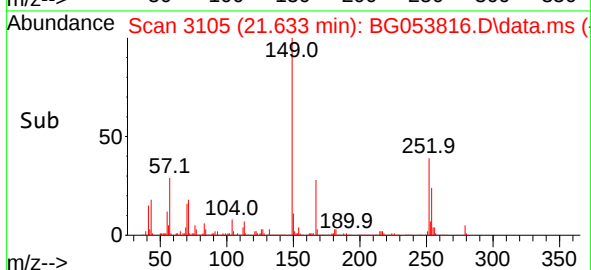
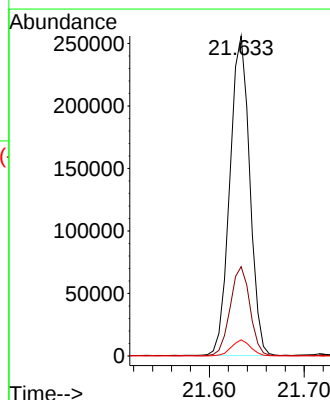
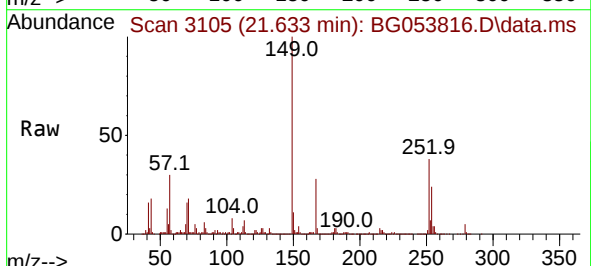
RT: 21.633 min Scan# 3105

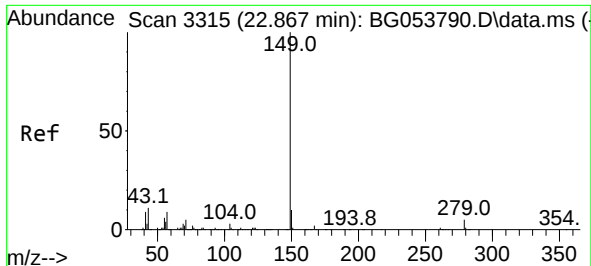
Delta R.T. 0.000 min

Lab File: BG053816.D

Acq: 3 Jun 2022 16:58

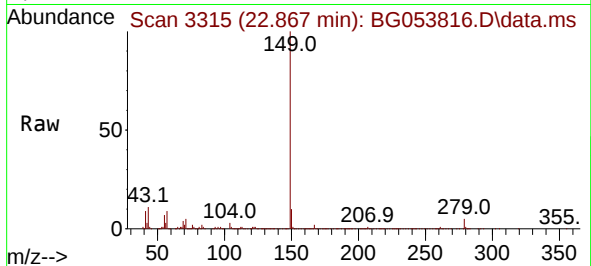
Tgt Ion:149 Resp: 371033
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.2 30.4
 279 5.1 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 54.834 ng
RT: 22.867 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

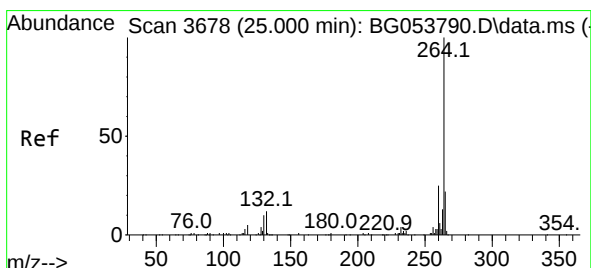
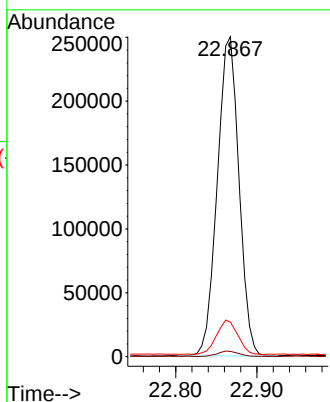
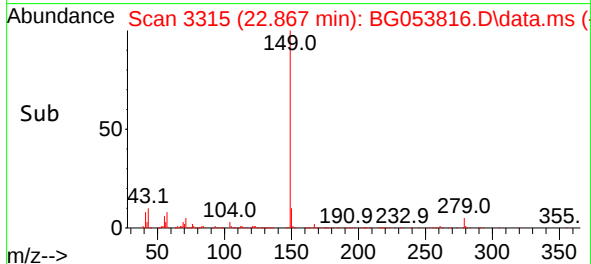
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



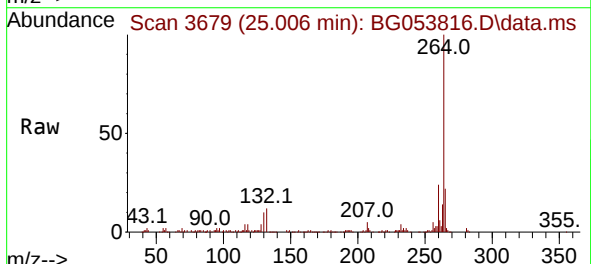
Tgt Ion:149 Resp: 46313
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.7 9.0 13.4

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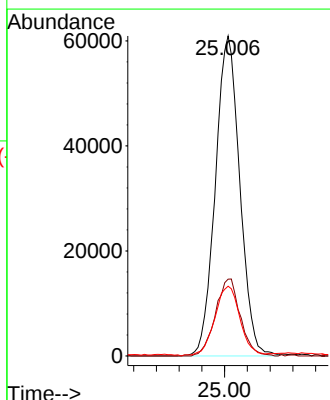
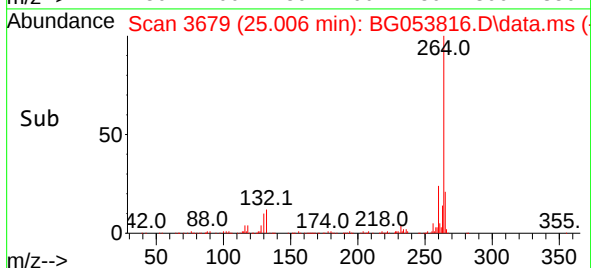
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

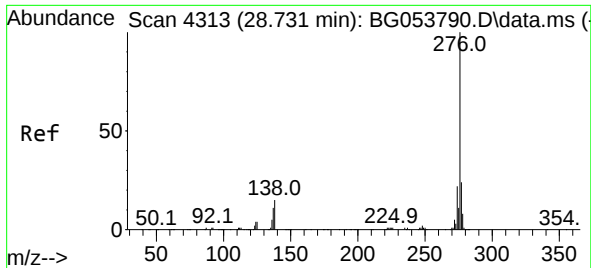


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3679
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



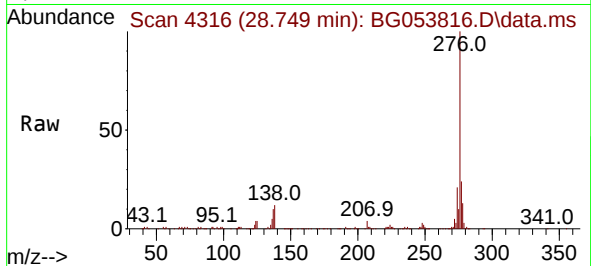
Tgt Ion:264 Resp: 181811
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.283 ng
RT: 28.749 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

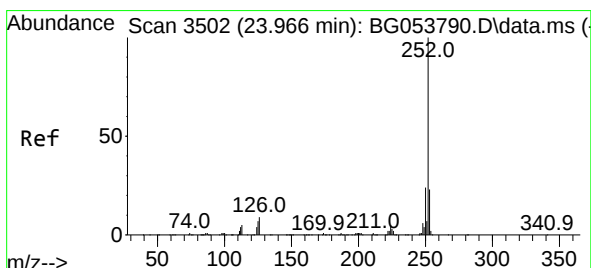
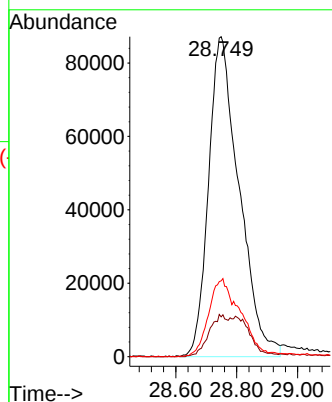
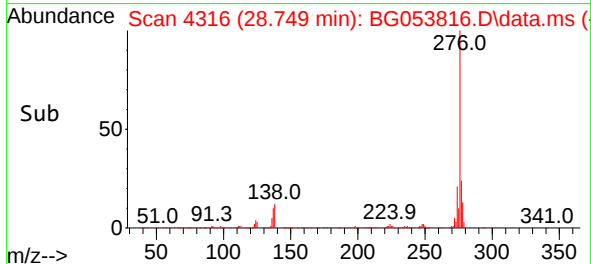
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:276 Resp: 60683
Ion Ratio Lower Upper
276 100
138 7.9 5.0 7.4
277 25.3 20.3 30.5

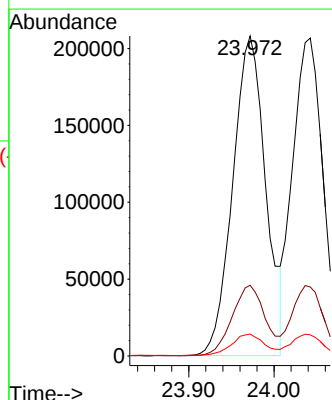
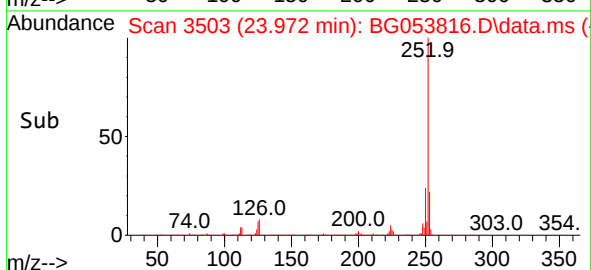
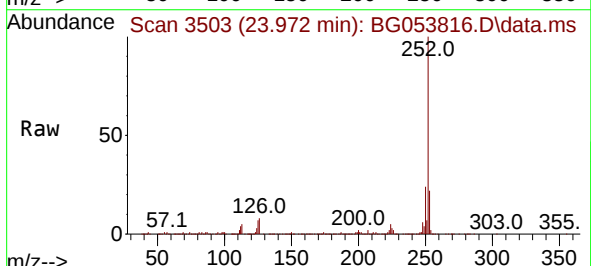
Manual Integrations
APPROVED

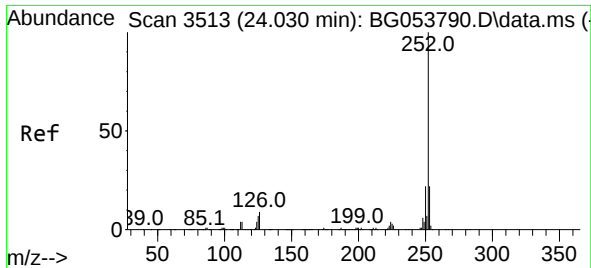
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022



#88
Benzo(b)fluoranthene
Concen: 49.509 ng
RT: 23.972 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

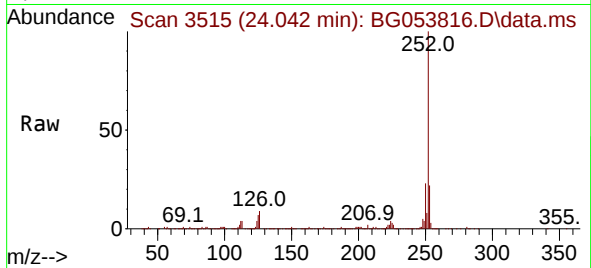
Tgt Ion:252 Resp: 558828
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 6.8 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 45.863 ng
RT: 24.042 min Scan# 3513
Delta R.T. 0.012 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

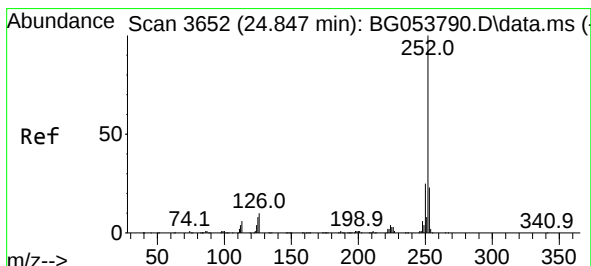
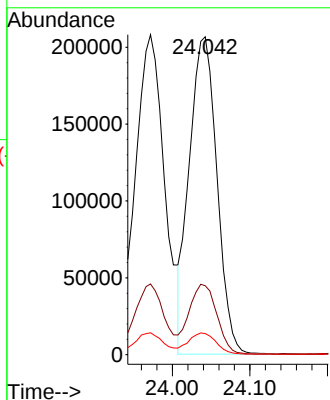
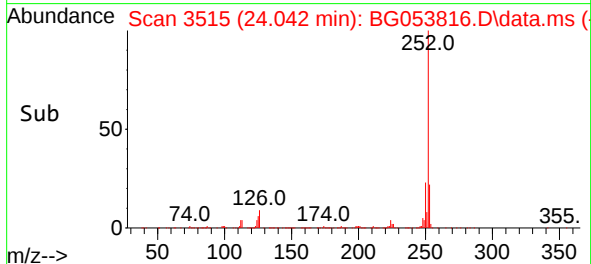
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



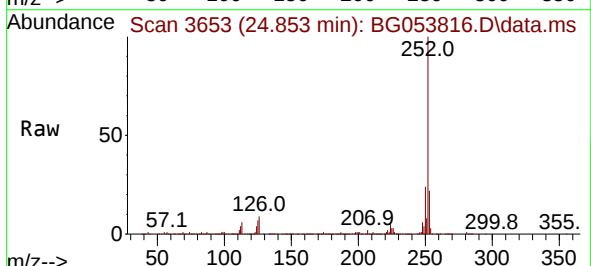
Tgt Ion:252 Resp: 511692
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 6.6 4.8 7.2

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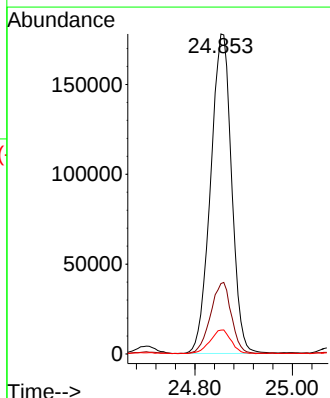
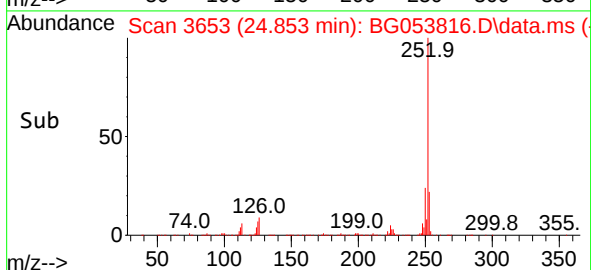
Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

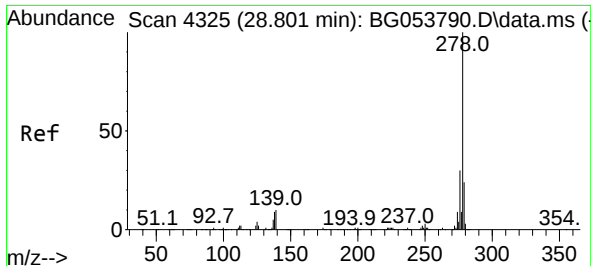


#90
Benzo(a)pyrene
Concen: 55.662 ng
RT: 24.853 min Scan# 3653
Delta R.T. 0.006 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58



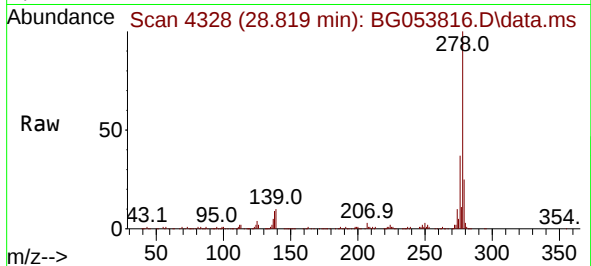
Tgt Ion:252 Resp: 531347
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.5 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 48.527 ng
RT: 28.819 min Scan# 41
Delta R.T. 0.018 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

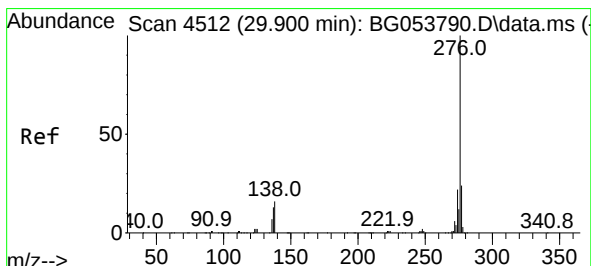
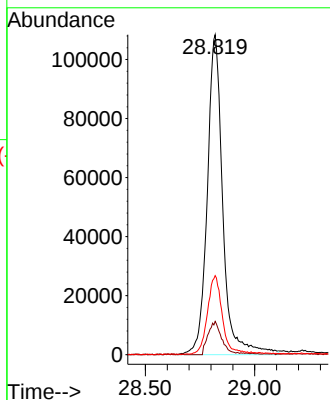
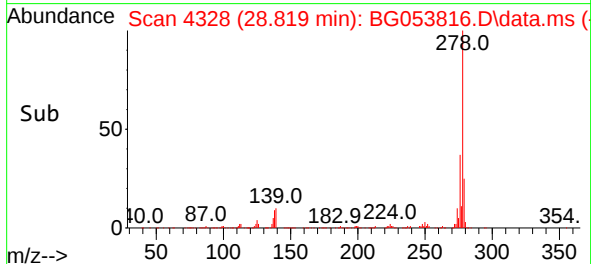
Instrument :
BNA_G
ClientSampleId :
20220424-AMENDED-COMPOSITE-DMS



Tgt Ion:278 Resp: 53738
Ion Ratio Lower Upper
278 100
139 10.4 7.2 10.8
279 24.7 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.998 ng
RT: 29.912 min Scan# 4514
Delta R.T. 0.012 min
Lab File: BG053816.D
Acq: 3 Jun 2022 16:58

Tgt Ion:276 Resp: 480257
Ion Ratio Lower Upper
276 100
277 24.3 17.3 25.9
138 14.3 9.6 14.4

