

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052317.D
 Acq On : 8 Feb 2022 13:45
 Operator : CG/JU
 Sample : N1391-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-020322MS

Quant Time: Feb 08 14:58:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	36496	20.000	ng	0.00
21) Naphthalene-d8	11.071	136	153433	20.000	ng	# 0.00
39) Acenaphthene-d10	14.878	164	106207	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	224757	20.000	ng	0.00
76) Chrysene-d12	21.945	240	189464	20.000	ng	0.00
86) Perylene-d12	25.417	264	198859	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	220054	105.086	ng	0.01
7) Phenol-d6	7.376	99	320152	99.089	ng	0.00
23) Nitrobenzene-d5	9.403	82	220827	62.551	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	155062	101.624	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	503601	65.887	ng	0.00
79) Terphenyl-d14	20.218	244	679290	63.312	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.581	88	27876	28.910	ng	97
3) Pyridine	3.993	79	73995	26.460	ng	95
4) n-Nitrosodimethylamine	3.899	42	53077	36.757	ng	# 91
6) Aniline	7.541	93	116355	30.997	ng	97
8) 2-Chlorophenol	7.787	128	112638	48.897	ng	96
9) Benzaldehyde	7.347	77	81326	46.515	ng	98
10) Phenol	7.406	94	153444	47.798	ng	97
11) bis(2-Chloroethyl)ether	7.629	93	100706	41.041	ng	93
12) 1,3-Dichlorobenzene	8.116	146	117157	44.637	ng	96
13) 1,4-Dichlorobenzene	8.263	146	120928	45.196	ng	99
14) 1,2-Dichlorobenzene	8.592	146	117306	44.454	ng	93
15) Benzyl Alcohol	8.463	79	117383	43.775	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.757	45	141993	40.073	ng	97
17) 2-Methylphenol	8.675	107	99140	46.800	ng	90
18) Hexachloroethane	9.332	117	45143	48.522	ng	93
19) n-Nitroso-di-n-propyla...	9.033	70	94192	38.670	ng	96
20) 3+4-Methylphenols	9.003	107	136719	45.112	ng	96
22) Acetophenone	9.056	105	166498	41.058	ng	# 96
24) Nitrobenzene	9.444	77	144119	43.036	ng	95
25) Isophorone	9.973	82	254570	42.380	ng	97
26) 2-Nitrophenol	10.167	139	65348	46.039	ng	95
27) 2,4-Dimethylphenol	10.219	122	111899	53.246	ng	97
28) bis(2-Chloroethoxy)met...	10.449	93	139138	40.815	ng	100
29) 2,4-Dichlorophenol	10.713	162	120347	47.776	ng	97
30) 1,2,4-Trichlorobenzene	10.930	180	133511	45.389	ng	98
31) Naphthalene	11.118	128	363636	45.208	ng	96
32) Benzoic acid	10.366	122	77794	56.099	ng	97
33) 4-Chloroaniline	11.218	127	97114	28.918	ng	97
34) Hexachlorobutadiene	11.406	225	89174	44.890	ng	92
35) Caprolactam	11.988	113	39104m	42.597	ng	
36) 4-Chloro-3-methylphenol	12.334	107	132746	46.321	ng	99
37) 2-Methylnaphthalene	12.716	142	274573	45.958	ng	98
38) 1-Methylnaphthalene	12.933	142	254112	43.894	ng	99
40) 1,2,4,5-Tetrachloroben...	13.080	216	169755	48.594	ng	97
41) Hexachlorocyclopentadiene	13.063	237	102664	62.260	ng	96
43) 2,4,6-Trichlorophenol	13.315	196	110958	48.566	ng	98

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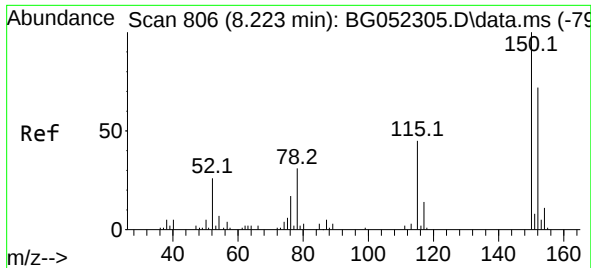
Manual Integrations
 APPROVED

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Quant Time: Feb 08 14:58:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
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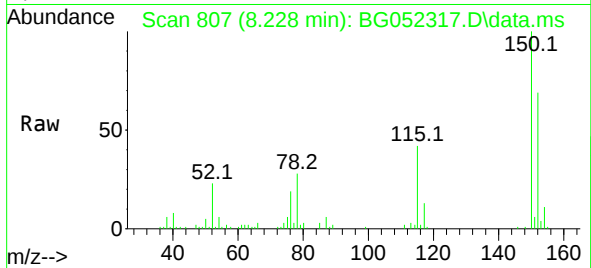
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.392	196	121187	48.947	ng	94
46) 1,1'-Biphenyl	13.709	154	364654	46.823	ng	99
47) 2-Chloronaphthalene	13.756	162	281496	46.915	ng	99
48) 2-Nitroaniline	13.950	65	95815	44.854	ng	95
49) Acenaphthylene	14.602	152	458640	46.957	ng	99
50) Dimethylphthalate	14.314	163	337116	41.435	ng	100
51) 2,6-Dinitrotoluene	14.437	165	80382	45.783	ng	92
52) Acenaphthene	14.942	154	312767m	48.895	ng	
53) 3-Nitroaniline	14.766	138	68949	37.782	ng	99
54) 2,4-Dinitrophenol	14.978	184	76733	71.152	ng	96
55) Dibenzofuran	15.271	168	428452	42.591	ng	100
56) 4-Nitrophenol	15.083	139	128838	94.009	ng	87
57) 2,4-Dinitrotoluene	15.230	165	111304	44.542	ng	# 86
58) Fluorene	15.924	166	354100	44.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.501	232	107679	45.526	ng	97
60) Diethylphthalate	15.671	149	345541	42.043	ng	99
61) 4-Chlorophenyl-phenyle...	15.906	204	195603	42.759	ng	99
62) 4-Nitroaniline	15.935	138	74854	38.962	ng	87
63) Azobenzene	16.200	77	344426	40.936	ng	94
65) 4,6-Dinitro-2-methylph...	15.994	198	53452	39.534	ng	93
66) n-Nitrosodiphenylamine	16.117	169	307727	49.692	ng	98
67) 4-Bromophenyl-phenylether	16.799	248	128867	47.147	ng	95
68) Hexachlorobenzene	16.934	284	142734	48.147	ng	94
69) Atrazine	17.063	200	120607	48.173	ng	94
70) Pentachlorophenol	17.275	266	163509	112.740	ng	97
71) Phenanthrene	17.668	178	530495	45.786	ng	97
72) Anthracene	17.762	178	533112	46.954	ng	100
73) Carbazole	18.027	167	473528	42.762	ng	99
74) Di-n-butylphthalate	18.567	149	528818	43.830	ng	98
75) Fluoranthene	19.671	202	620214	42.039	ng	98
77) Benzidine	19.836	184	151576	37.441	ng	99
78) Pyrene	20.030	202	618266	48.768	ng	99
80) Butylbenzylphthalate	20.899	149	206253	46.836	ng	98
81) Benzo(a)anthracene	21.921	228	588876	46.969	ng	98
82) 3,3'-Dichlorobenzidine	21.821	252	166370	38.011	ng	99
83) Chrysene	21.992	228	552692	46.520	ng	99
84) Bis(2-ethylhexyl)phtha...	21.798	149	293647	48.089	ng	98
85) Di-n-octyl phthalate	23.096	149	495141	48.364	ng	100
87) Indeno(1,2,3-cd)pyrene	29.435	276	542950	37.311	ng	# 81
88) Benzo(b)fluoranthene	24.312	252	598793	48.321	ng	99
89) Benzo(k)fluoranthene	24.383	252	569363	46.510	ng	99
90) Benzo(a)pyrene	25.252	252	581060	55.509	ng	99
91) Dibenzo(a,h)anthracene	29.499	278	469809	39.082	ng	98
92) Benzo(g,h,i)perylene	30.686	276	404176	34.259	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

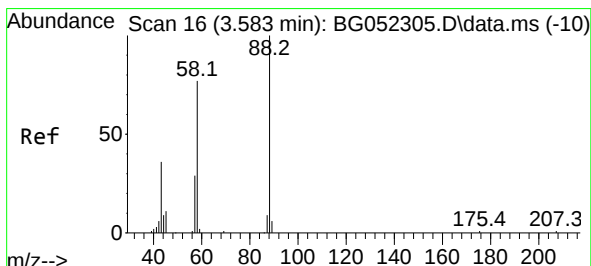
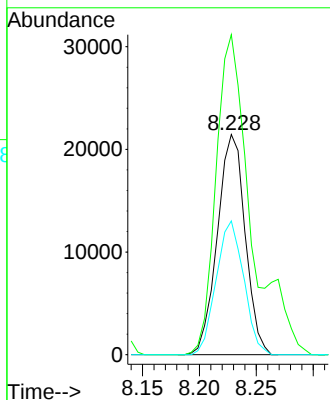
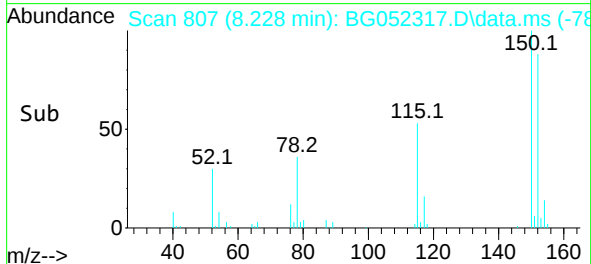
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



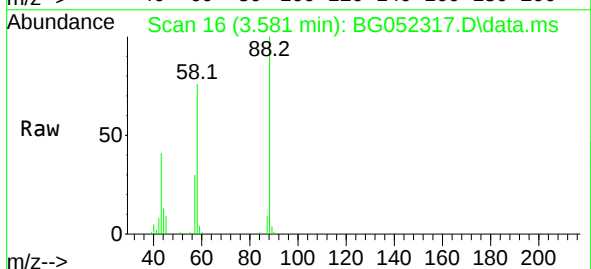
Tgt Ion:152 Resp: 36490
Ion Ratio Lower Upper
152 100
150 145.3 117.8 176.8
115 60.7 50.2 75.2

Manual Integrations
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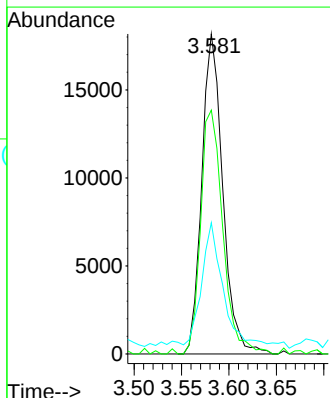
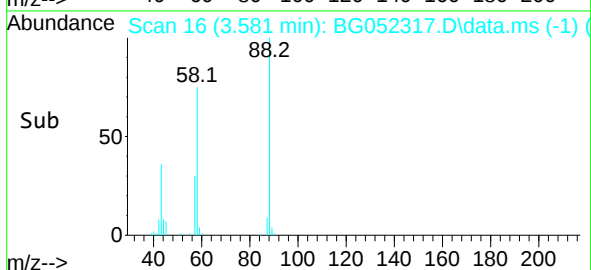
Reviewed By :Christian Giraldo 02/09/2022
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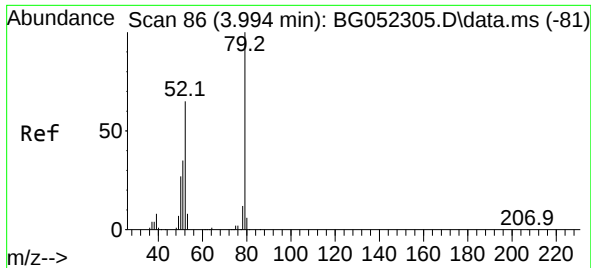


#2
1,4-Dioxane
Concen: 28.910 ng
RT: 3.581 min Scan# 16
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



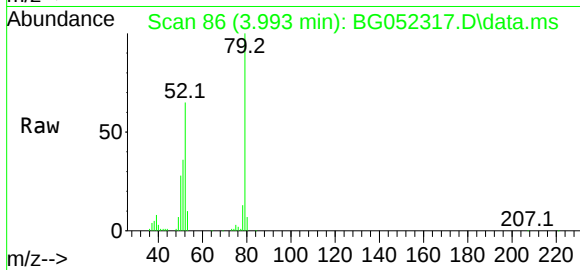
Tgt Ion: 88 Resp: 27876
Ion Ratio Lower Upper
88 100
58 80.6 65.8 98.8
43 42.0 31.6 47.4





#3
 Pyridine
 Concen: 26.460 ng
 RT: 3.993 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45

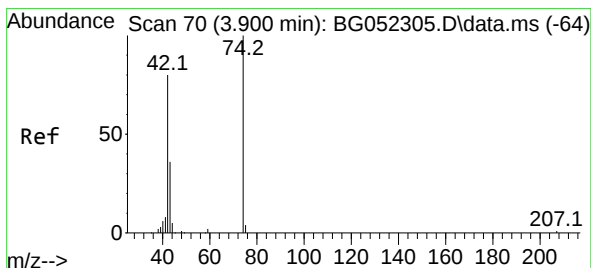
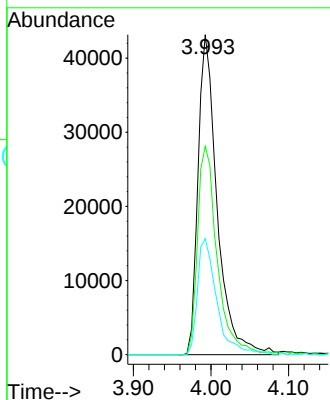
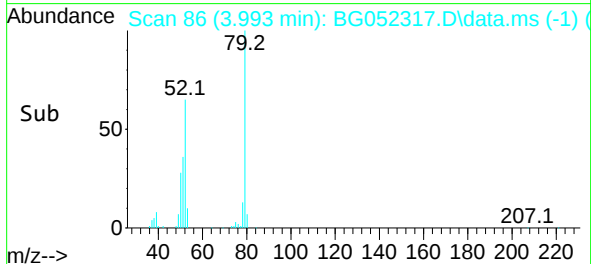
Instrument :
 BNA_G
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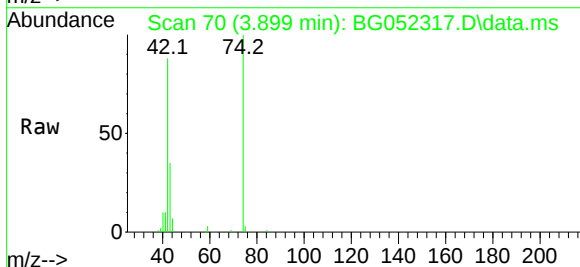
Tgt Ion: 79 Resp: 7399
 Ion Ratio Lower Upper
 79 100
 52 65.1 55.0 82.6
 51 36.2 32.5 48.7

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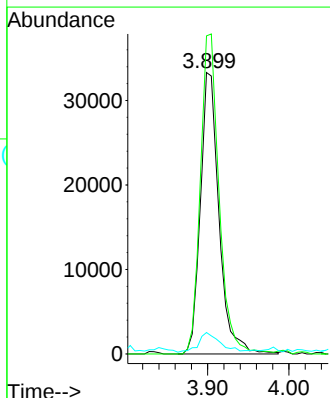
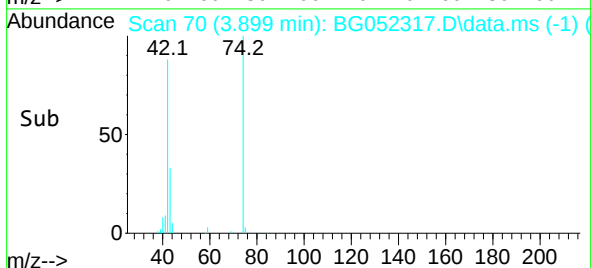
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022



#4
 n-Nitrosodimethylamine
 Concen: 36.757 ng
 RT: 3.899 min Scan# 70
 Delta R.T. -0.001 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45



Tgt Ion: 42 Resp: 53077
 Ion Ratio Lower Upper
 42 100
 74 113.0 83.0 124.4
 44 7.6 5.0 7.6





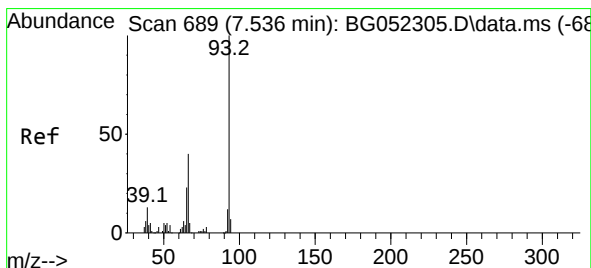
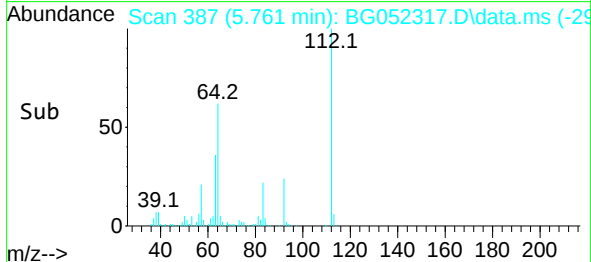
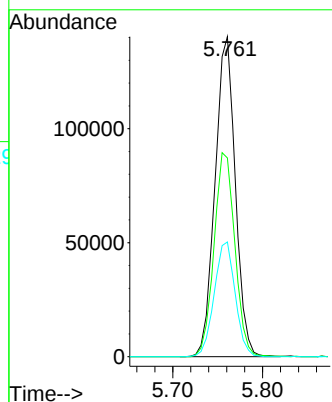
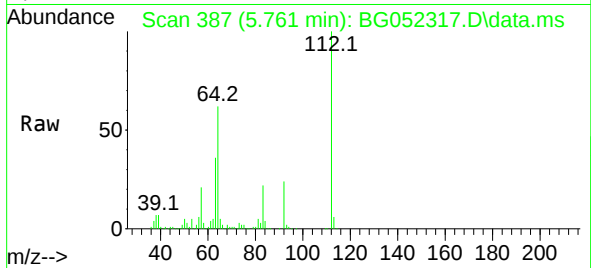
#5
2-Fluorophenol
Concen: 105.086 ng
RT: 5.761 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS

Tgt Ion: 112 Resp: 220054
Ion Ratio Lower Upper
112 100
64 62.1 60.4 90.6
63 35.9 33.3 49.9

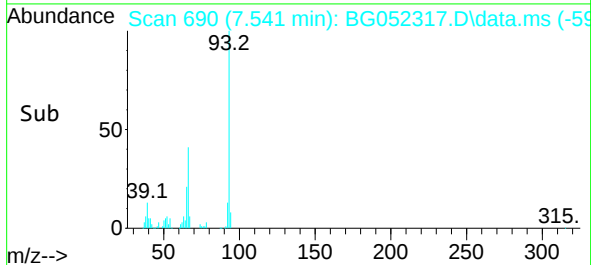
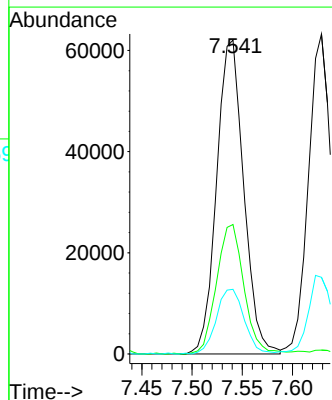
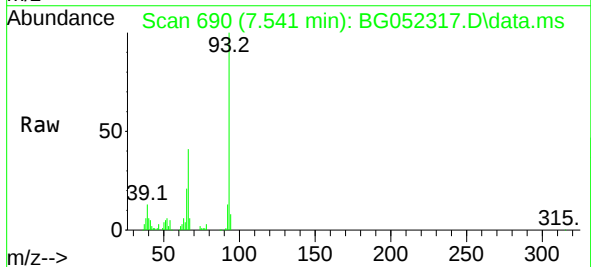
Manual Integrations
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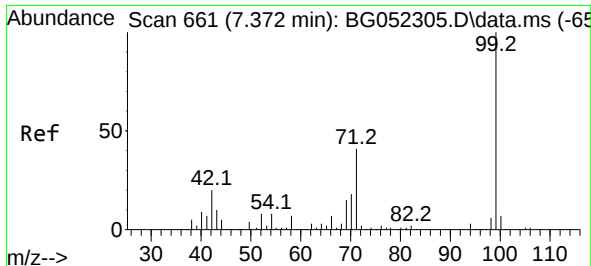
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#6
Aniline
Concen: 30.997 ng
RT: 7.541 min Scan# 690
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

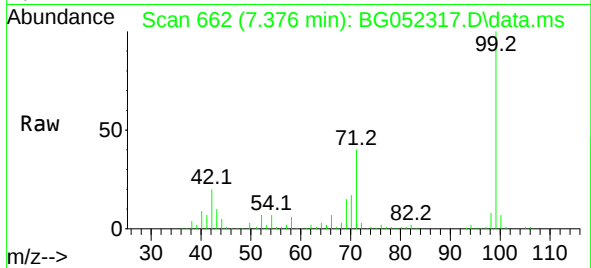
Tgt Ion: 93 Resp: 116355
Ion Ratio Lower Upper
93 100
66 41.2 34.3 51.5
65 20.6 17.6 26.4





#7
Phenol-d6
Concen: 99.089 ng
RT: 7.376 min Scan# 661
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

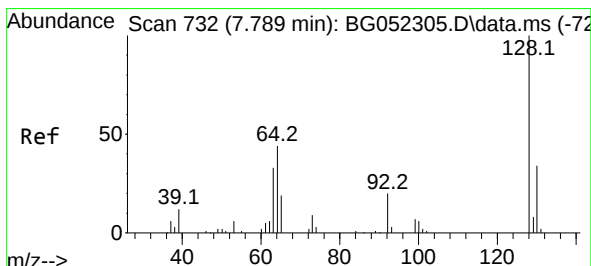
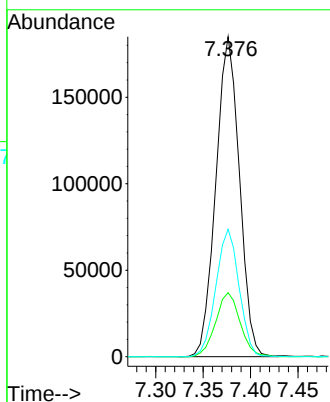
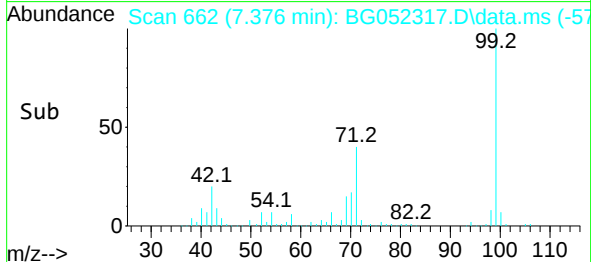
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 32015
Ion Ratio Lower Upper
99 100
42 20.0 19.1 28.7
71 39.8 33.4 50.2

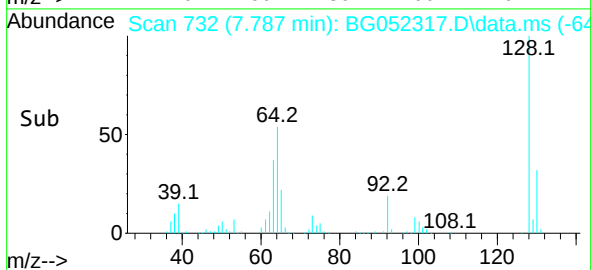
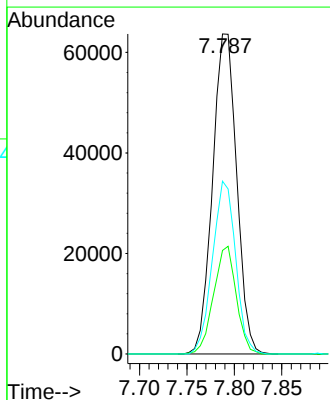
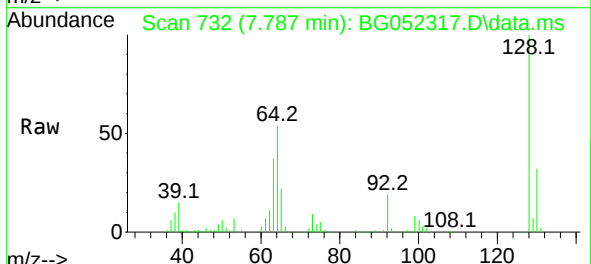
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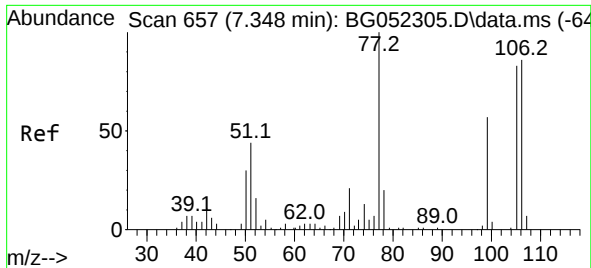
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#8
2-Chlorophenol
Concen: 48.897 ng
RT: 7.787 min Scan# 732
Delta R.T. -0.002 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:128 Resp: 112638
Ion Ratio Lower Upper
128 100
130 32.3 13.6 53.6
64 54.0 37.8 77.8





#9
Benzaldehyde
Concen: 46.515 ng
RT: 7.347 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

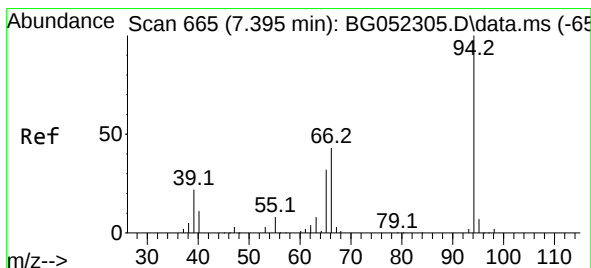
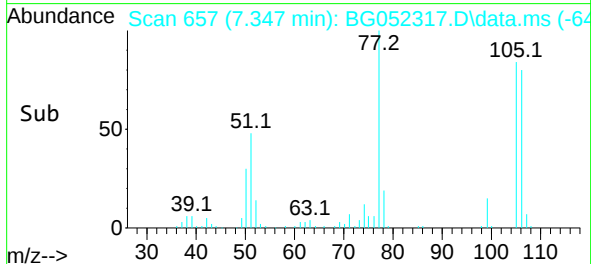
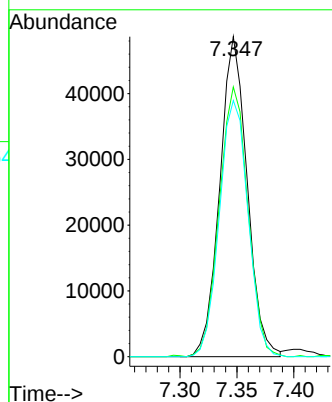
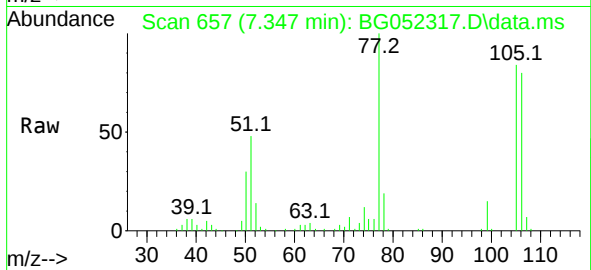
ClientSampleId :

TR-04-020322MS

Tgt Ion: 77 Resp: 81320
Ion Ratio Lower Upper
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105 84.3 66.1 106.1
106 80.0 58.1 98.1

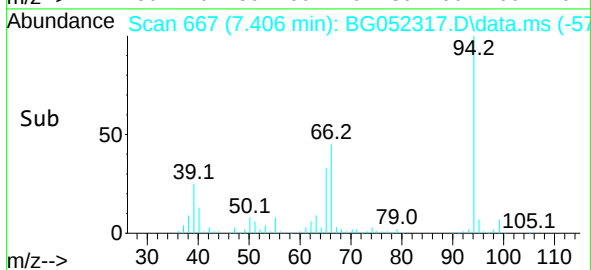
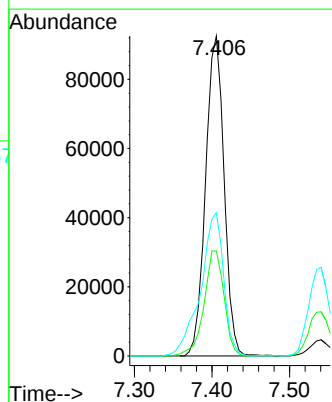
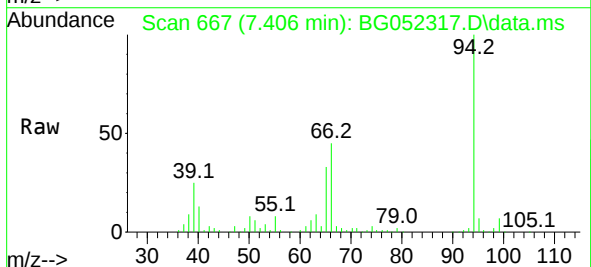
Manual Integrations
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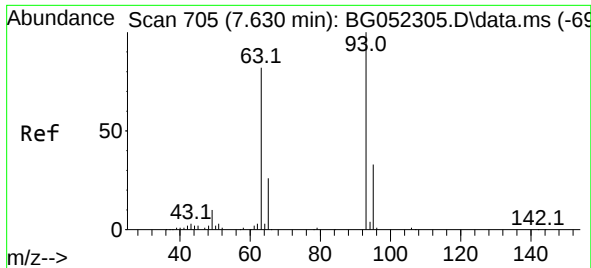
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#10
Phenol
Concen: 47.798 ng
RT: 7.406 min Scan# 667
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

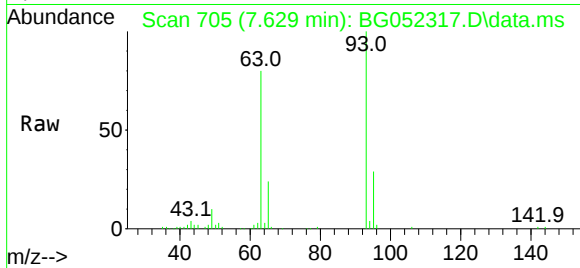
Tgt Ion: 94 Resp: 153444
Ion Ratio Lower Upper
94 100
65 32.8 14.1 54.1
66 44.8 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 41.041 ng
RT: 7.629 min Scan# 705
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

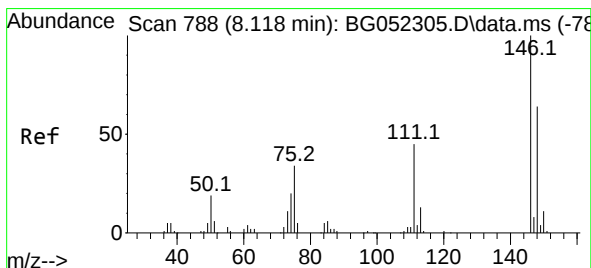
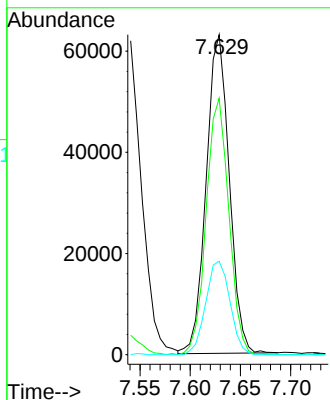
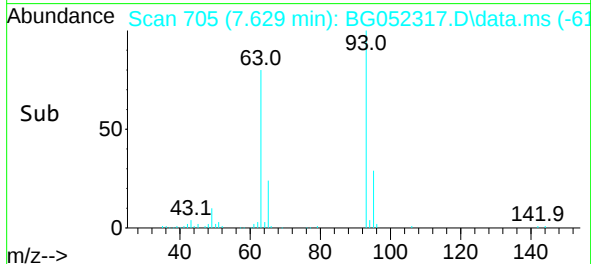
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



Tgt Ion: 93 Resp: 100700
Ion Ratio Lower Upper
93 100
63 80.1 67.1 107.1
95 29.2 13.0 53.0

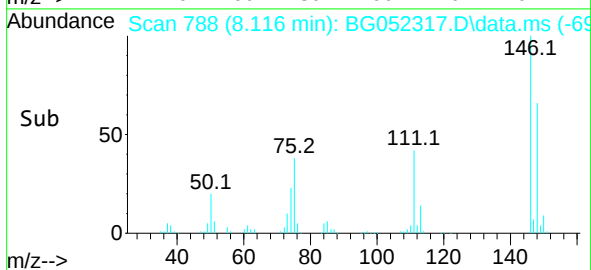
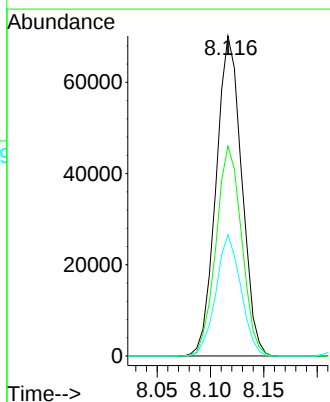
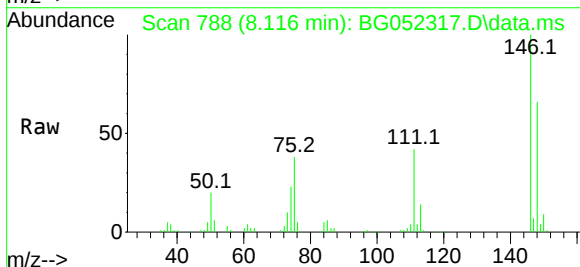
Manual Integrations
APPROVED

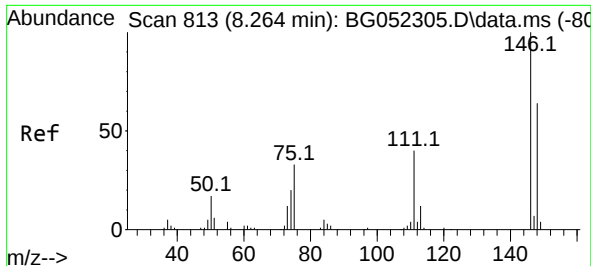
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#12
1,3-Dichlorobenzene
Concen: 44.637 ng
RT: 8.116 min Scan# 788
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:146 Resp: 117157
Ion Ratio Lower Upper
146 100
148 65.5 49.1 73.7
75 37.9 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 45.196 ng

RT: 8.263 min Scan# 813

Delta R.T. -0.001 min

Lab File: BG052317.D

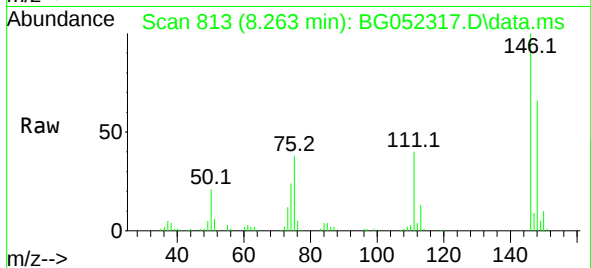
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS



Tgt Ion:146 Resp: 120928

Ion Ratio Lower Upper

146 100

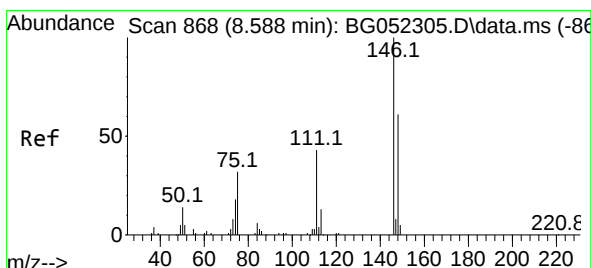
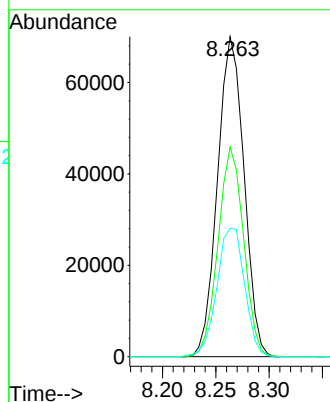
148 65.5 52.6 78.8

111 40.1 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#14

1,2-Dichlorobenzene

Concen: 44.454 ng

RT: 8.592 min Scan# 869

Delta R.T. 0.005 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

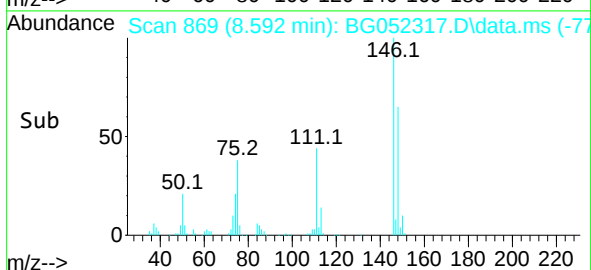
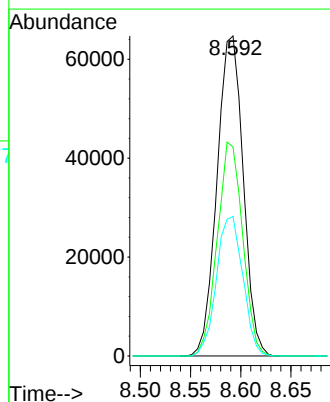
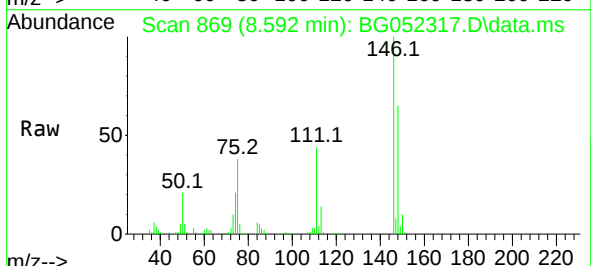
Tgt Ion:146 Resp: 117306

Ion Ratio Lower Upper

146 100

148 65.3 46.5 69.7

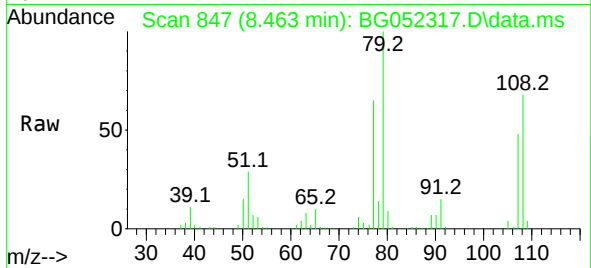
111 43.6 37.0 55.4





#15
Benzyl Alcohol
Concen: 43.775 ng
RT: 8.463 min Scan# 846
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

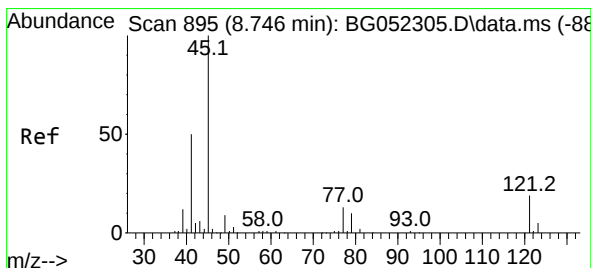
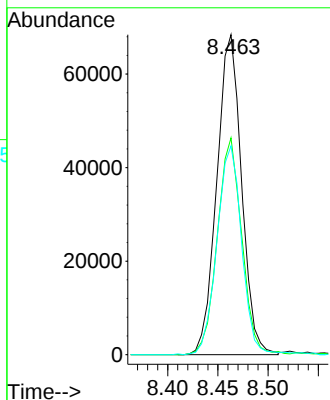
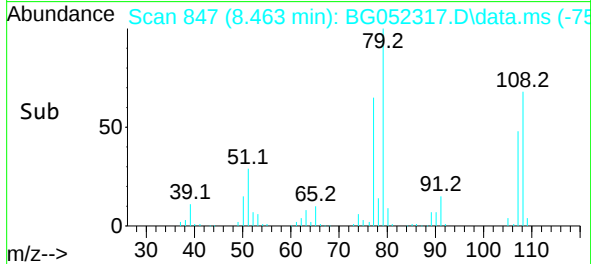
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



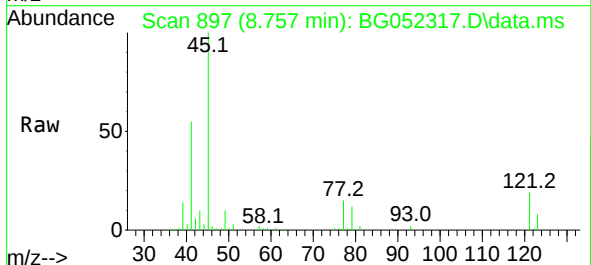
Tgt Ion: 79 Resp: 11738
Ion Ratio Lower Upper
79 100
108 67.7 53.8 80.6
77 65.3 54.4 81.6

Manual Integrations
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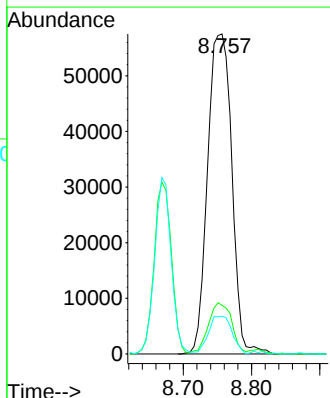
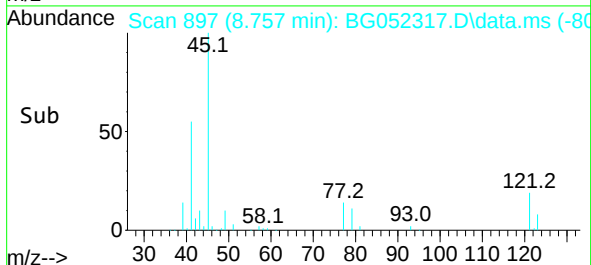
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.073 ng
RT: 8.757 min Scan# 897
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion: 45 Resp: 141993
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.8
79 11.8 0.0 31.1





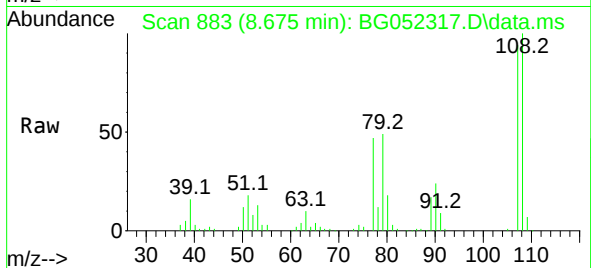
#17
2-Methylphenol
Concen: 46.800 ng
RT: 8.675 min Scan# 881
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

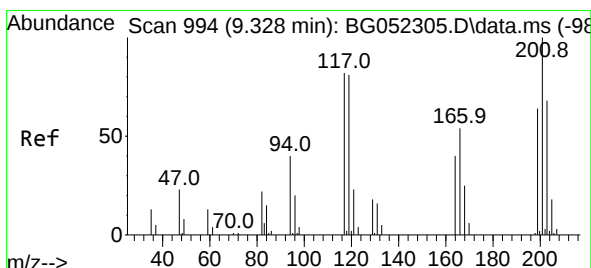
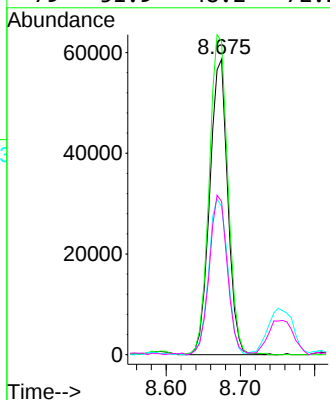
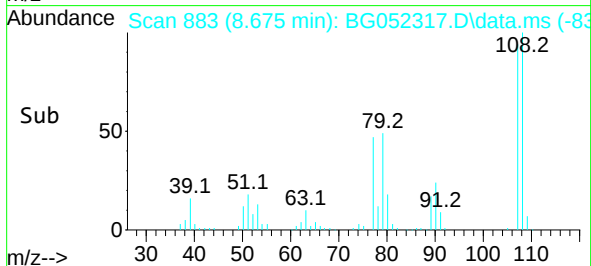


Tgt Ion:107 Resp: 99140
Ion Ratio Lower Upper
107 100
108 106.0 90.3 135.5
77 50.1 49.0 73.6
79 51.9 48.2 72.2

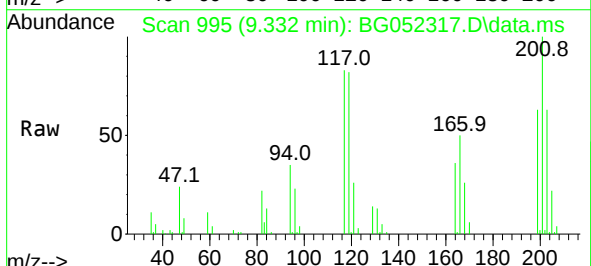
Manual Integrations

APPROVED

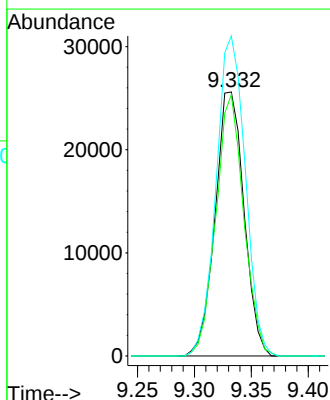
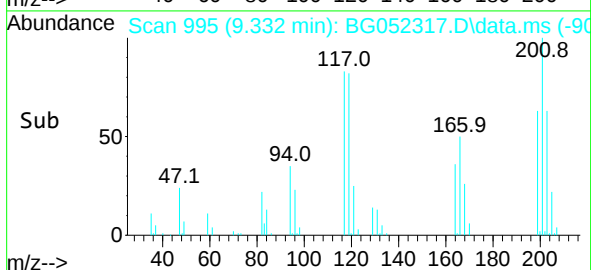
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

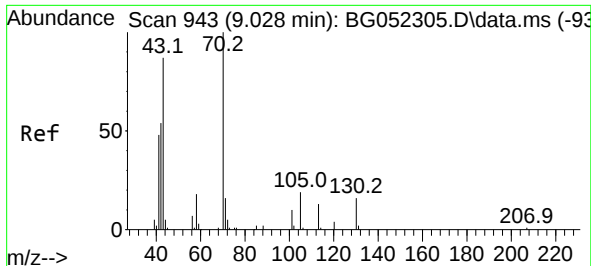


#18
Hexachloroethane
Concen: 48.522 ng
RT: 9.332 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:117 Resp: 45143
Ion Ratio Lower Upper
117 100
119 98.9 73.5 110.3
201 121.2 91.0 136.6





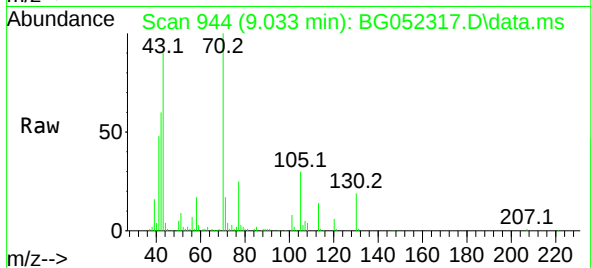
#19
n-Nitroso-di-n-propylamine
Concen: 38.670 ng
RT: 9.033 min Scan# 943
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

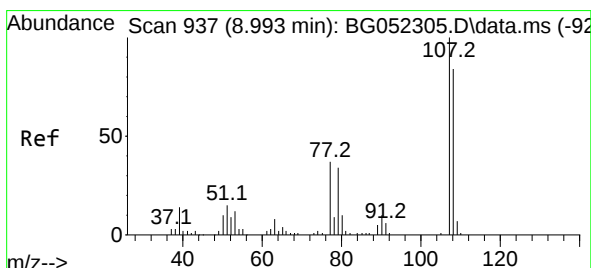
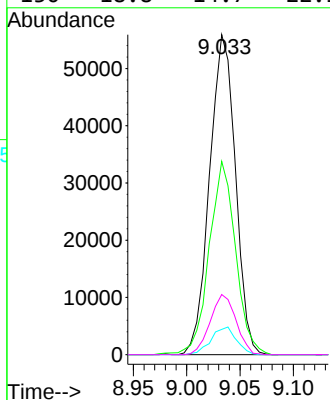
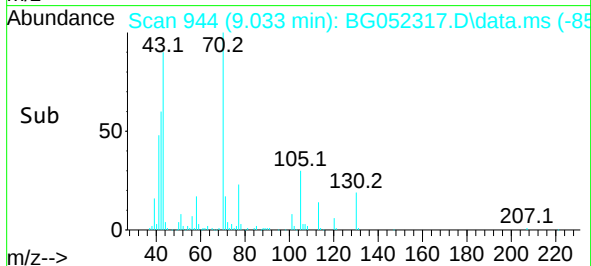


Tgt Ion: 70 Resp: 94192
Ion Ratio Lower Upper
70 100
42 60.4 51.8 77.6
101 7.9 6.6 10.0
130 18.8 14.7 22.1

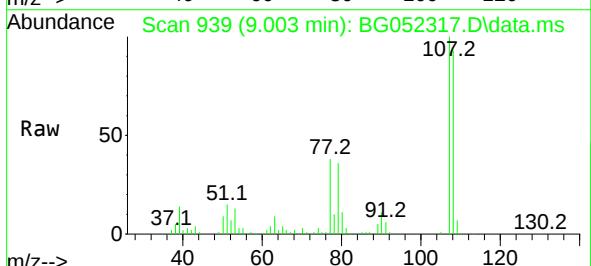
Manual Integrations

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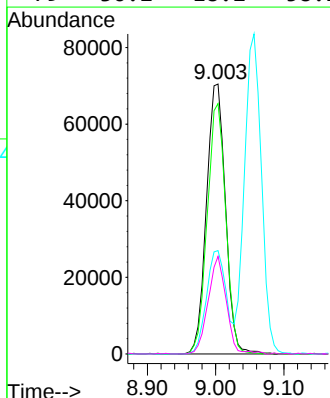
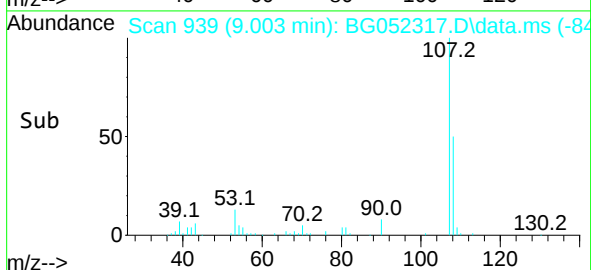
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

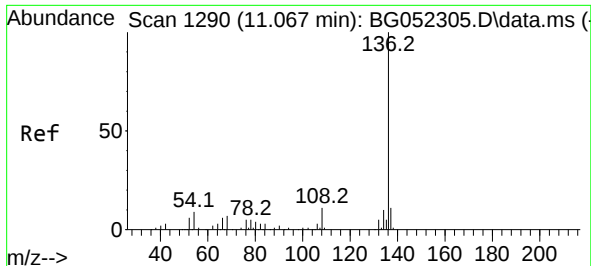


#20
3+4-Methylphenols
Concen: 45.112 ng
RT: 9.003 min Scan# 939
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



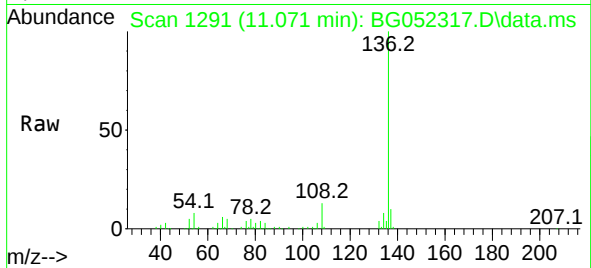
Tgt Ion:107 Resp: 136719
Ion Ratio Lower Upper
107 100
108 92.8 71.9 111.9
77 38.3 24.6 64.6
79 36.2 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.071 min Scan# 11071
Delta R.T. 0.004 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

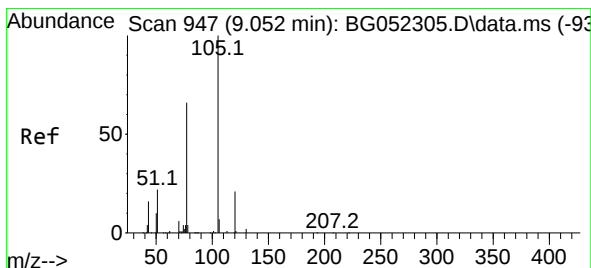
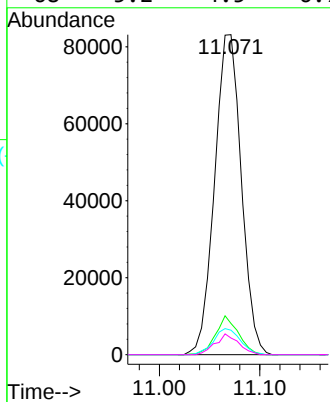
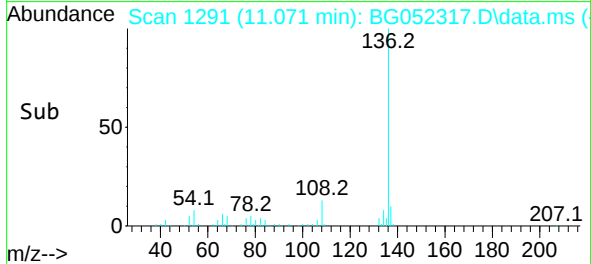
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



Tgt Ion:136 Resp: 15343
Ion Ratio Lower Upper
136 100
137 9.8 9.1 13.7
54 7.7 8.3 12.5
68 5.2 4.5 6.7

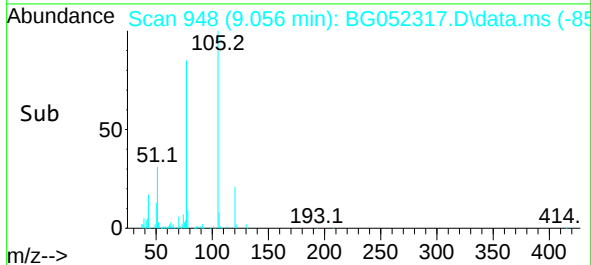
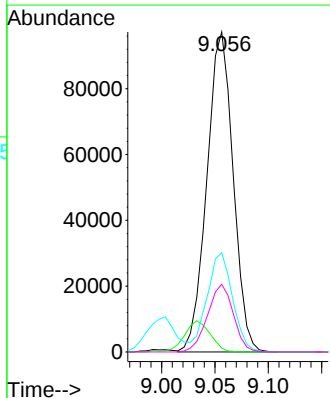
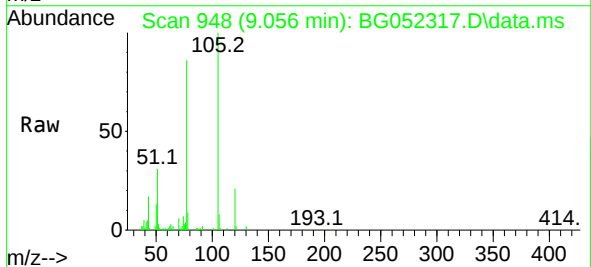
Manual Integrations
APPROVED

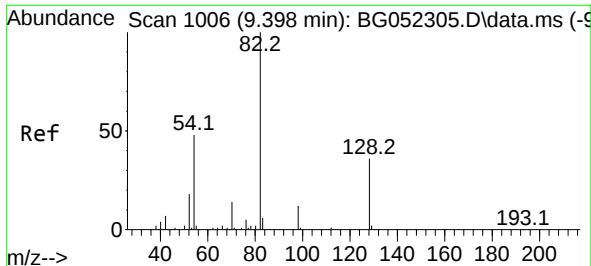
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#22
Acetophenone
Concen: 41.058 ng
RT: 9.056 min Scan# 948
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:105 Resp: 166498
Ion Ratio Lower Upper
105 100
71 1.2 1.8 2.6#
51 31.1 27.0 40.4
120 21.1 16.2 24.4





#23
Nitrobenzene-d5
Concen: 62.551 ng
RT: 9.403 min Scan# 1007
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

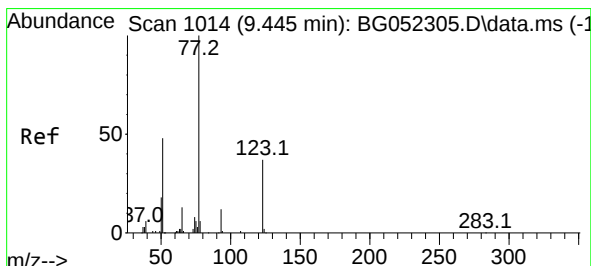
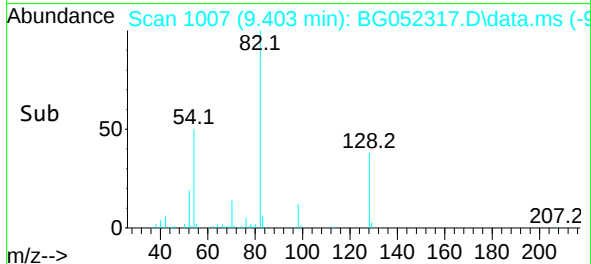
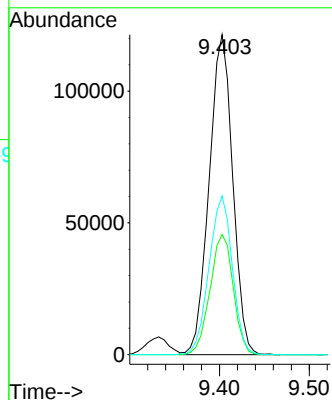
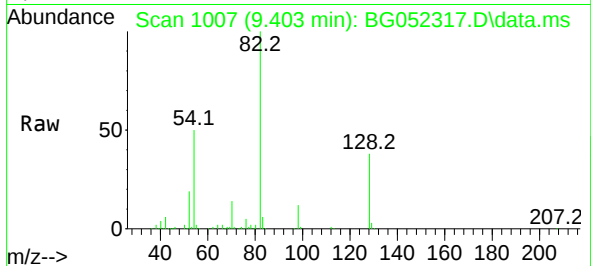
ClientSampleId :

TR-04-020322MS

Tgt Ion: 82 Resp: 22082
Ion Ratio Lower Upper
82 100
128 37.6 27.0 40.4
54 49.6 41.0 61.6

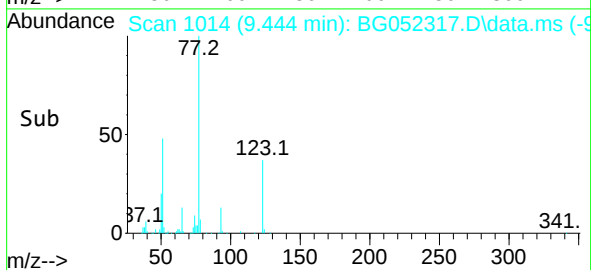
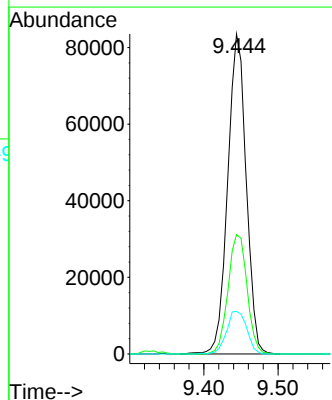
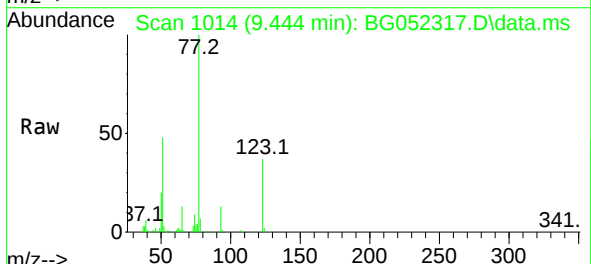
Manual Integrations
APPROVED

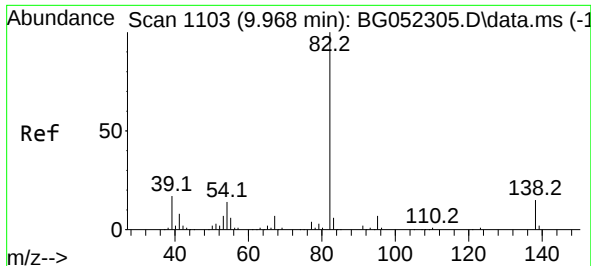
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#24
Nitrobenzene
Concen: 43.036 ng
RT: 9.444 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

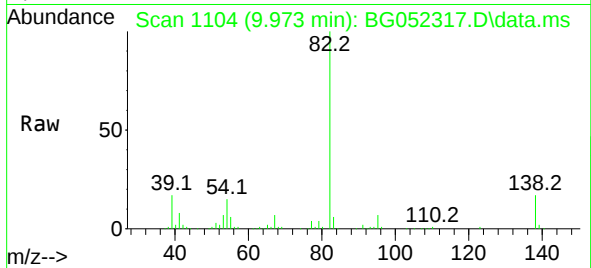
Tgt Ion: 77 Resp: 144119
Ion Ratio Lower Upper
77 100
123 37.3 27.1 40.7
65 13.3 11.2 16.8





#25
Isophorone
Concen: 42.380 ng
RT: 9.973 min Scan# 1103
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

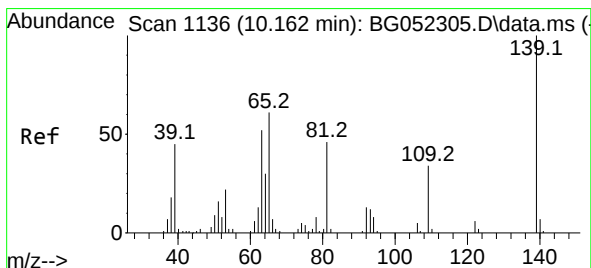
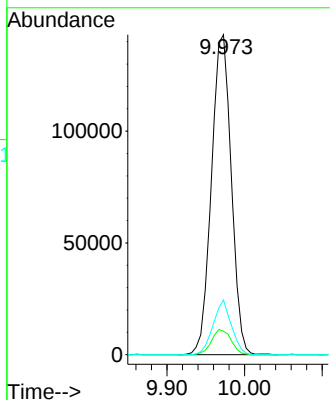
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



Tgt Ion: 82 Resp: 254570
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 17.1 12.5 18.7

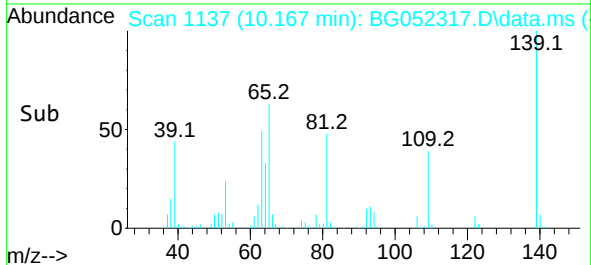
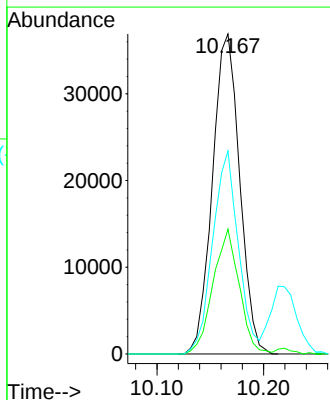
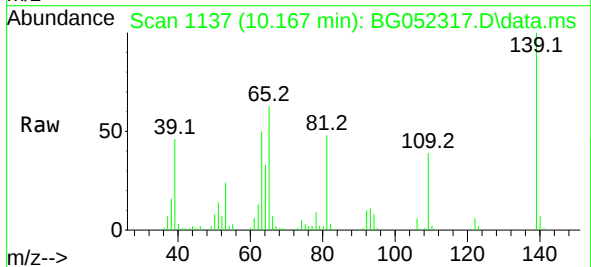
Manual Integrations
APPROVED

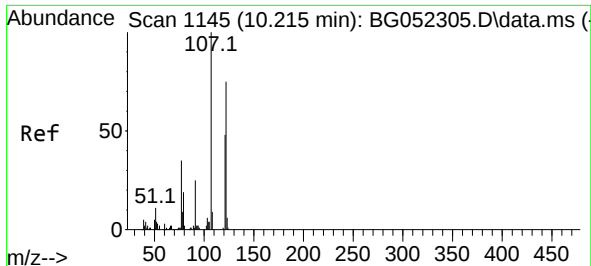
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#26
2-Nitrophenol
Concen: 46.039 ng
RT: 10.167 min Scan# 1137
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:139 Resp: 65348
Ion Ratio Lower Upper
139 100
109 39.0 30.4 45.6
65 63.5 55.7 83.5





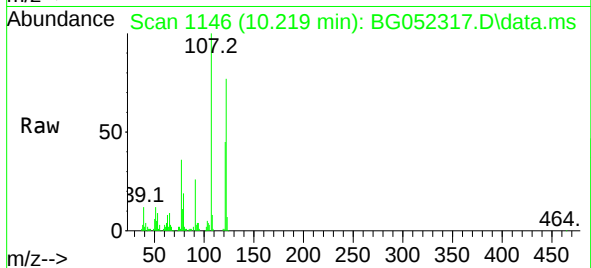
#27
2,4-Dimethylphenol
Concen: 53.246 ng
RT: 10.219 min Scan# 1145
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

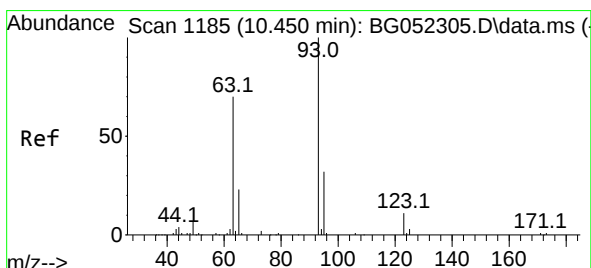
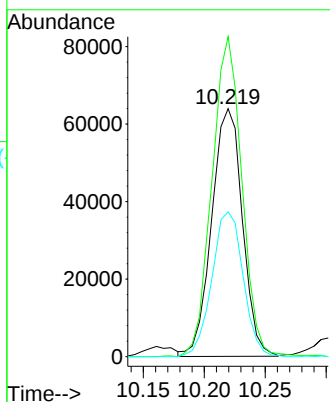
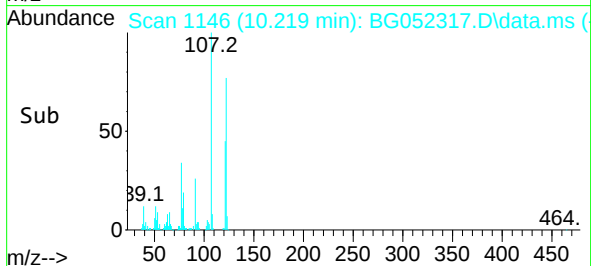


Tgt Ion:122 Resp: 11189
Ion Ratio Lower Upper
122 100
107 129.1 105.8 158.8
121 58.5 48.6 72.8

Manual Integrations

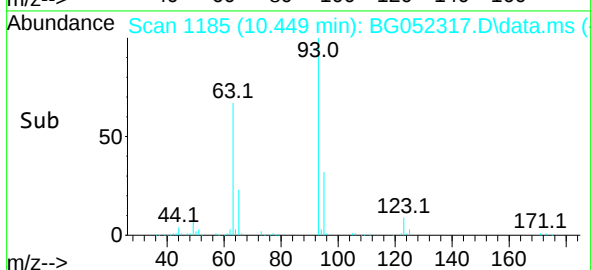
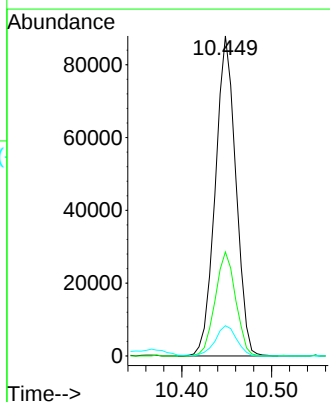
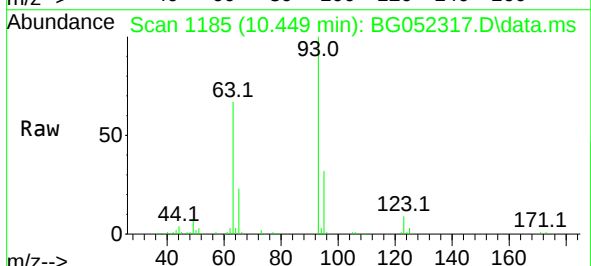
APPROVED

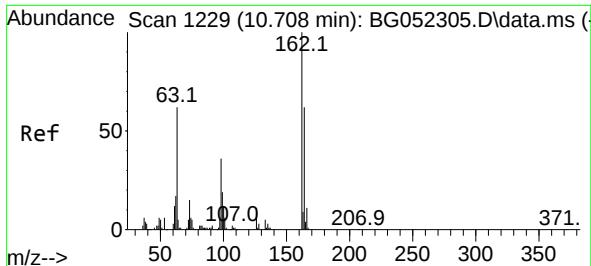
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#28
bis(2-Chloroethoxy)methane
Concen: 40.815 ng
RT: 10.449 min Scan# 1185
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion: 93 Resp: 139138
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 9.4 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 47.776 ng

RT: 10.713 min Scan# 1230

Delta R.T. 0.005 min

Lab File: BG052317.D

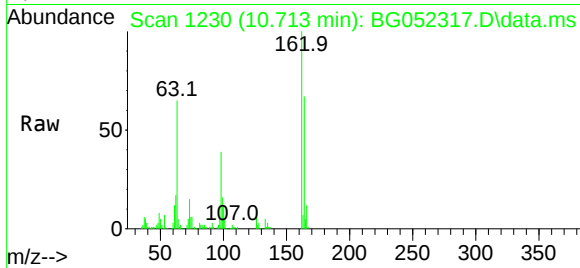
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

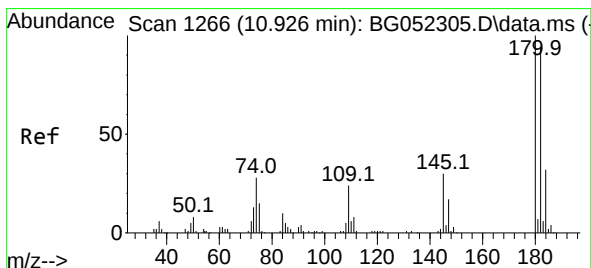
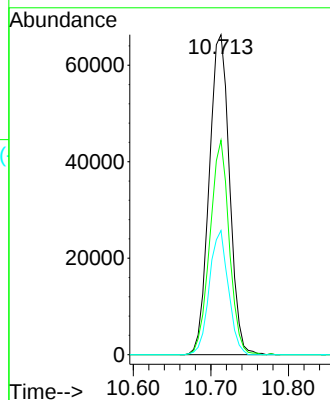


Tgt Ion:	162	Resp:	12034
Ion Ratio	Lower	Upper	
162	100		
164	67.0	44.3	84.3
98	38.8	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.389 ng

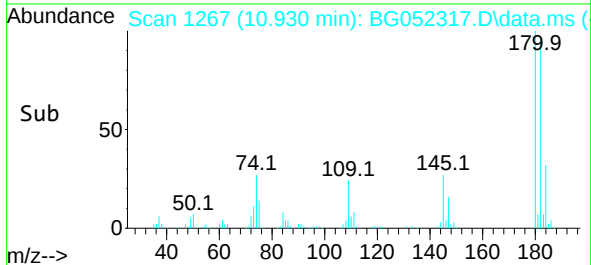
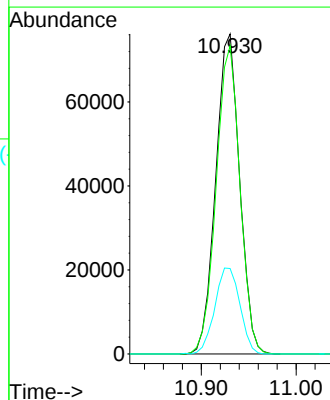
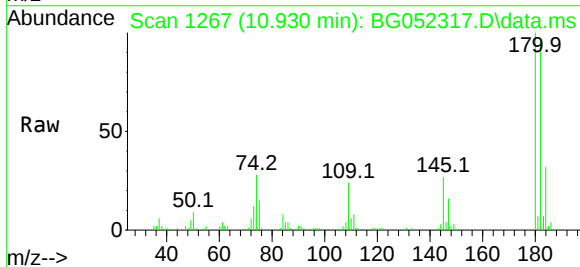
RT: 10.930 min Scan# 1267

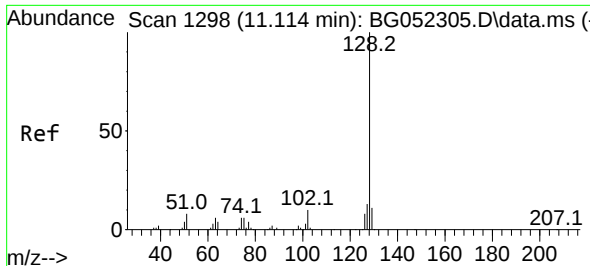
Delta R.T. 0.005 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

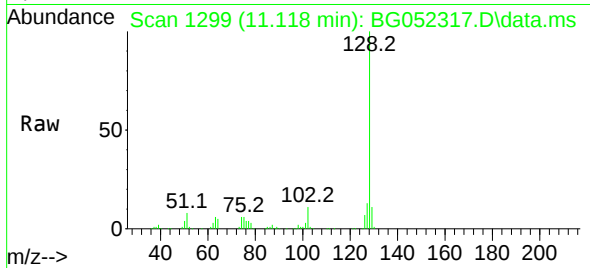
Tgt Ion:	180	Resp:	133511
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.1	114.1
145	26.7	24.0	36.0





#31
Naphthalene
Concen: 45.208 ng
RT: 11.118 min Scan# 1118
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

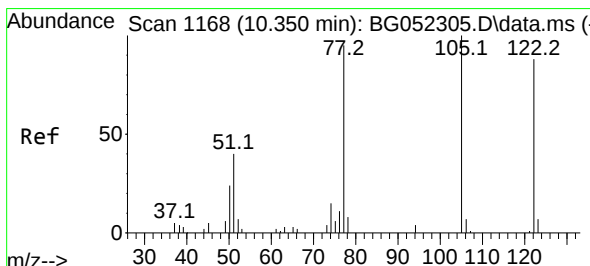
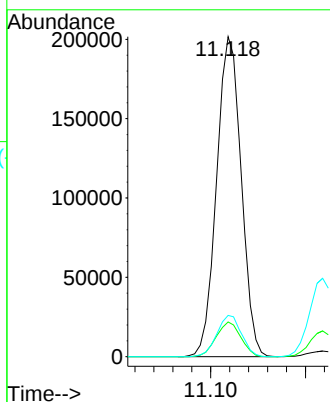
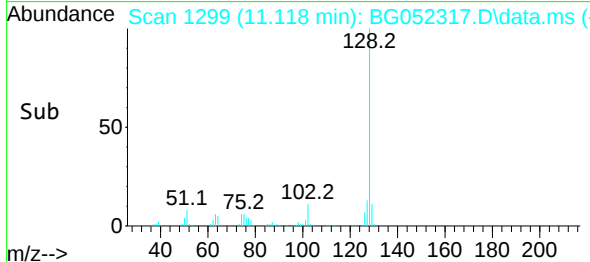
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



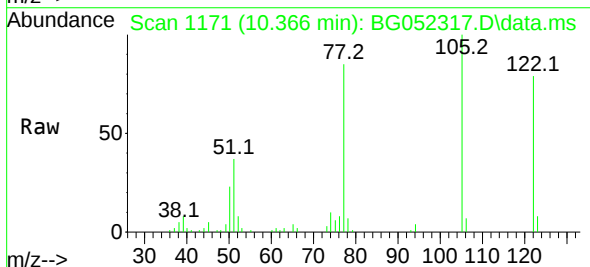
Tgt Ion:128 Resp: 36363
Ion Ratio Lower Upper
128 100
129 10.9 9.8 14.6
127 12.9 12.0 18.0

Manual Integrations
APPROVED

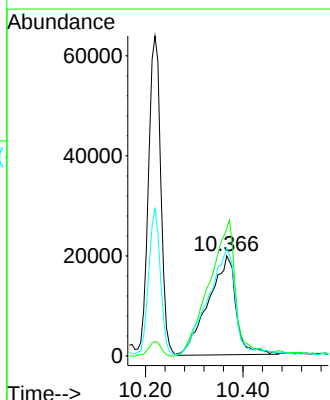
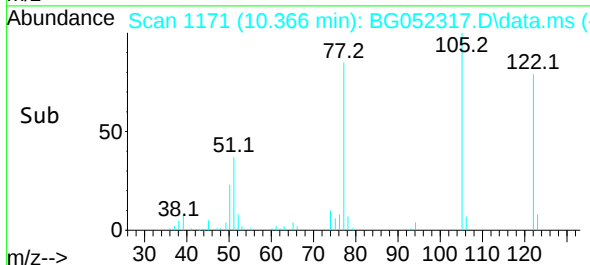
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

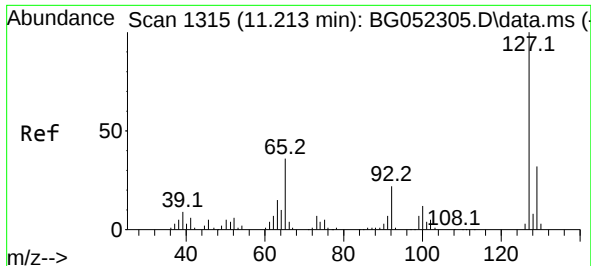


#32
Benzoic acid
Concen: 56.099 ng
RT: 10.366 min Scan# 1171
Delta R.T. 0.016 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:122 Resp: 77794
Ion Ratio Lower Upper
122 100
105 127.0 109.2 149.2
77 107.9 92.8 132.8





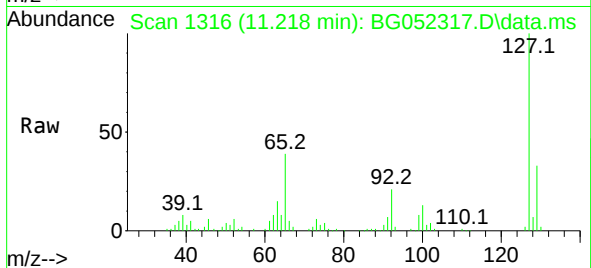
#33
4-Chloroaniline
Concen: 28.918 ng
RT: 11.218 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

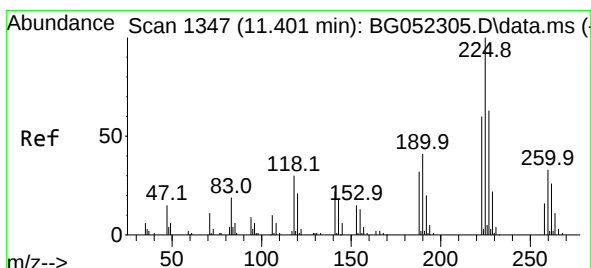
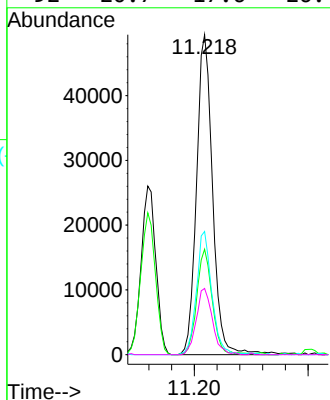
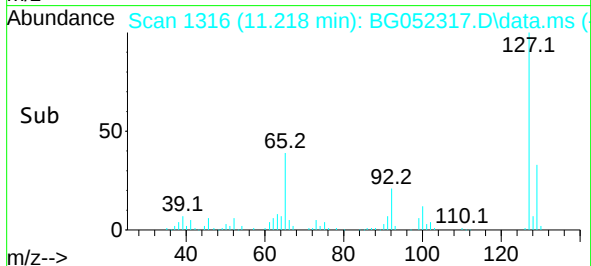


Tgt Ion:127 Resp: 97114
Ion Ratio Lower Upper
127 100
129 33.0 27.0 40.6
65 38.5 28.7 43.1
92 20.7 17.6 26.4

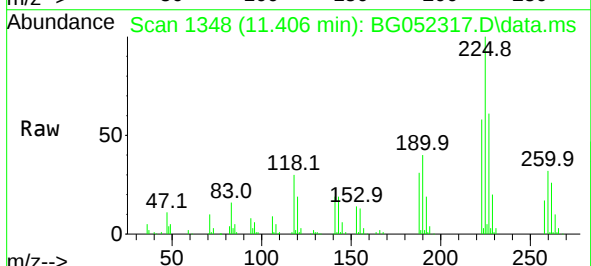
Manual Integrations

APPROVED

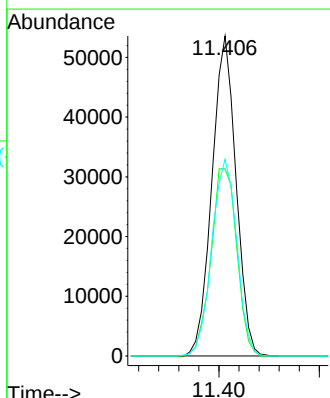
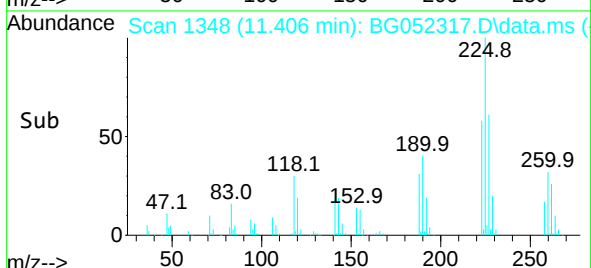
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#34
Hexachlorobutadiene
Concen: 44.890 ng
RT: 11.406 min Scan# 1348
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



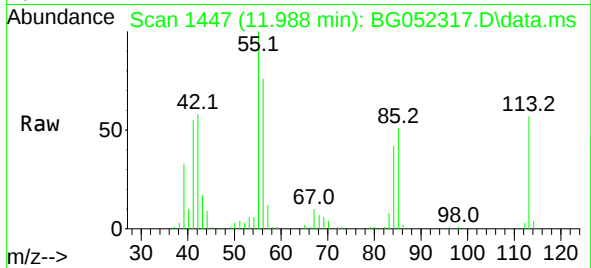
Tgt Ion:225 Resp: 89174
Ion Ratio Lower Upper
225 100
223 58.5 51.6 77.4
227 61.5 53.9 80.9





#35
Caprolactam
Concen: 42.597 ng m
RT: 11.988 min Scan# 1445
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

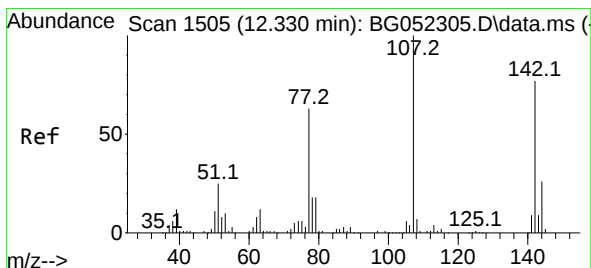
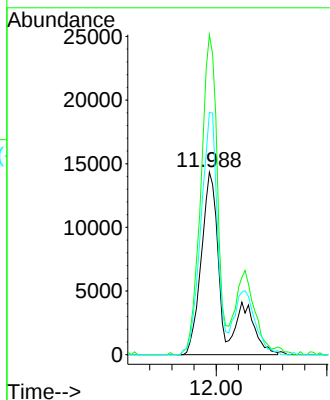
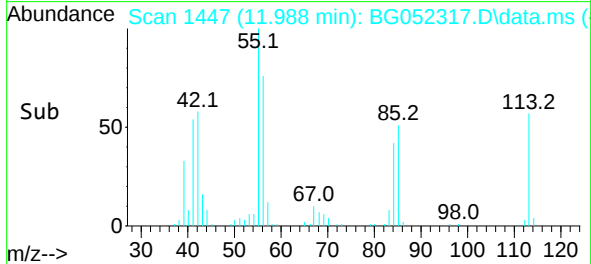
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



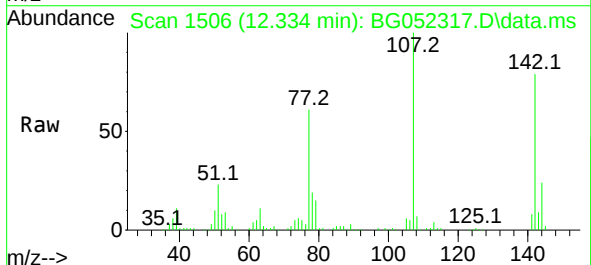
Tgt Ion:113 Resp: 39104
Ion Ratio Lower Upper
113 100
55 175.3 161.4 201.4
56 132.8 132.6 172.6

Manual Integrations
APPROVED

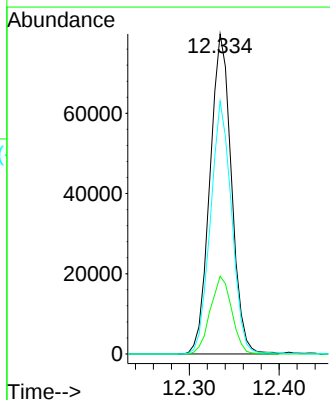
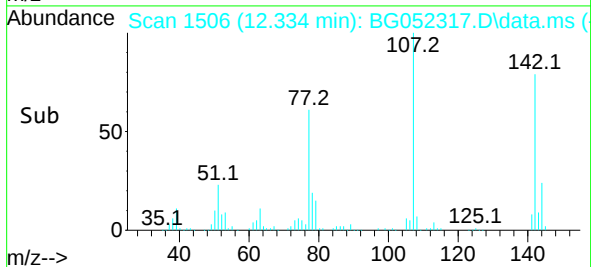
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#36
4-Chloro-3-methylphenol
Concen: 46.321 ng
RT: 12.334 min Scan# 1506
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:107 Resp: 132746
Ion Ratio Lower Upper
107 100
144 24.3 19.3 28.9
142 79.0 63.9 95.9





#37

2-Methylnaphthalene

Concen: 45.958 ng

RT: 12.716 min Scan# 1570

Delta R.T. 0.005 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

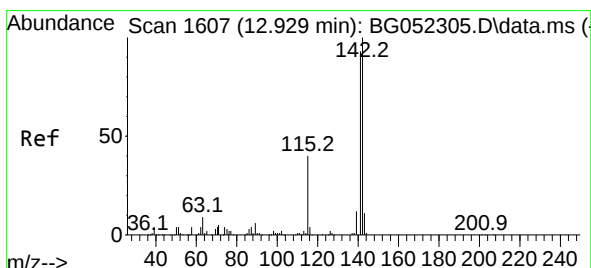
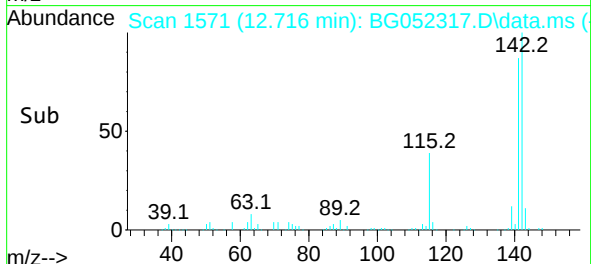
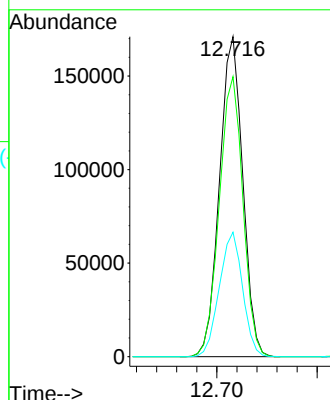
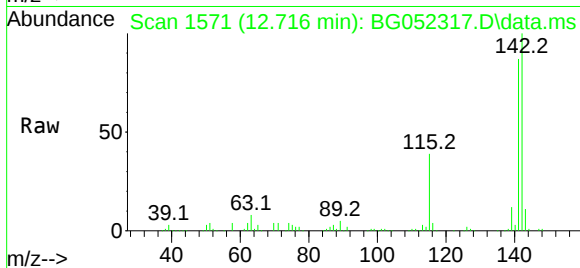
TR-04-020322MS

Tgt Ion:142 Resp: 27457
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.7 107.5
 115 38.9 32.2 48.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022



#38

1-Methylnaphthalene

Concen: 43.894 ng

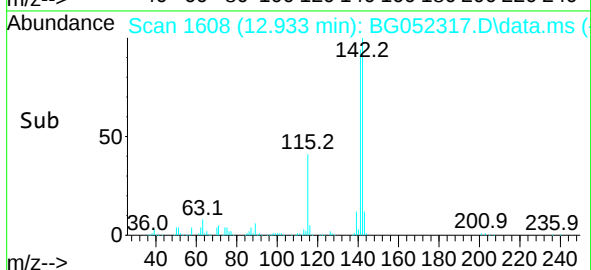
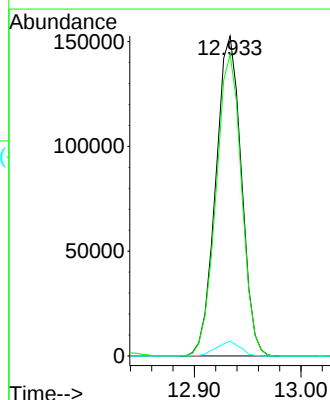
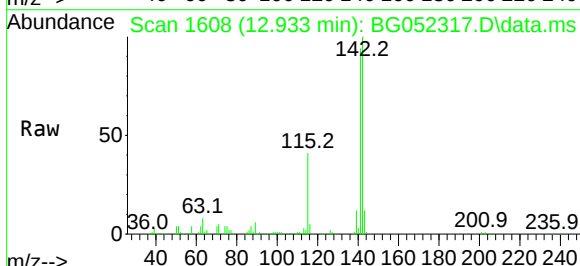
RT: 12.933 min Scan# 1608

Delta R.T. 0.005 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

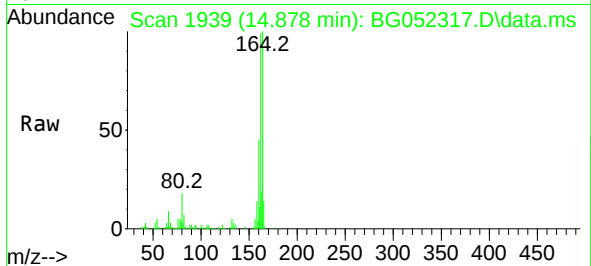
Tgt Ion:142 Resp: 254112
 Ion Ratio Lower Upper
 142 100
 141 94.3 75.0 112.4
 116 4.7 4.2 6.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

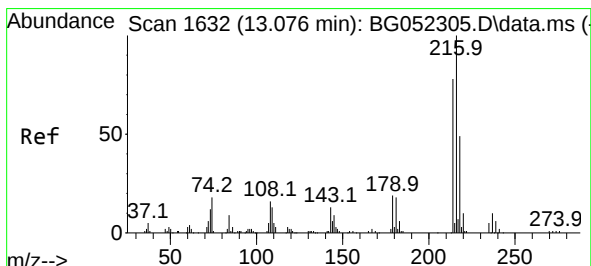
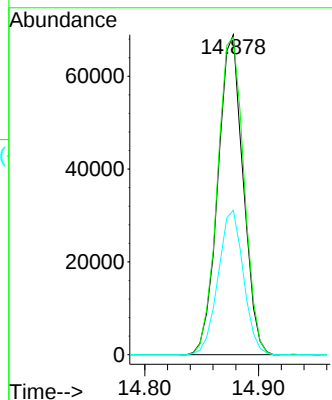
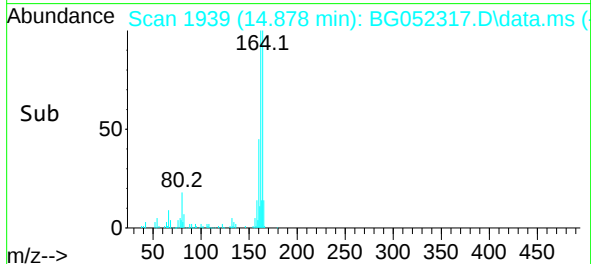
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



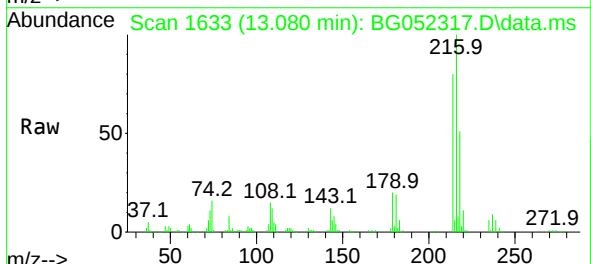
Tgt Ion:164 Resp: 10620
Ion Ratio Lower Upper
164 100
162 99.2 82.2 123.2
160 45.2 36.2 54.2

Manual Integrations
APPROVED

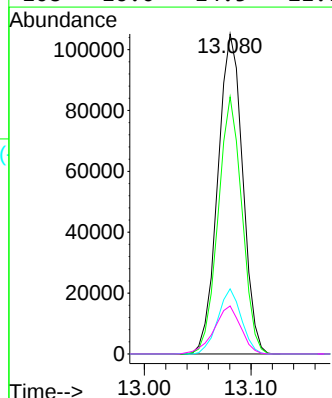
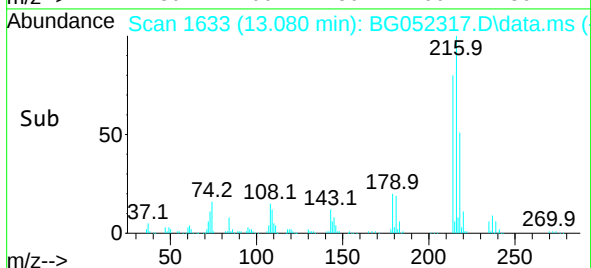
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.594 ng
RT: 13.080 min Scan# 1633
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



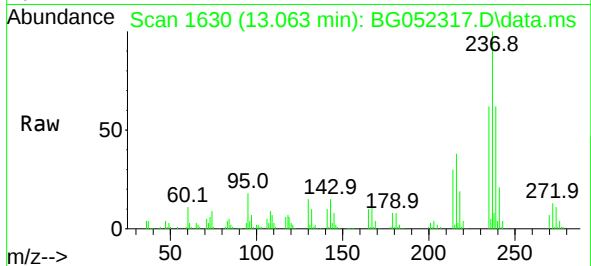
Tgt Ion:216 Resp: 169755
Ion Ratio Lower Upper
216 100
214 77.0 63.2 94.8
179 19.3 16.3 24.5
108 16.0 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 62.260 ng
RT: 13.063 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

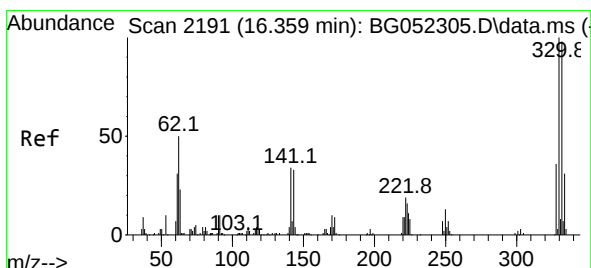
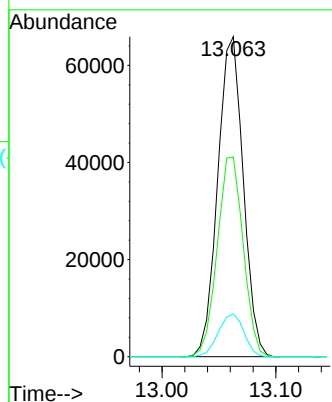
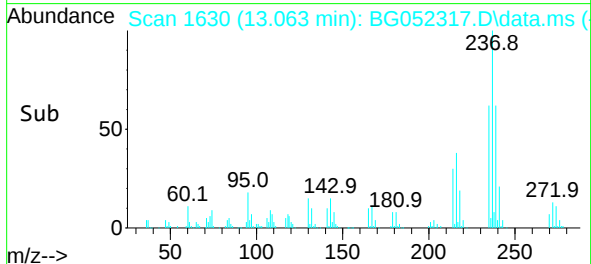
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



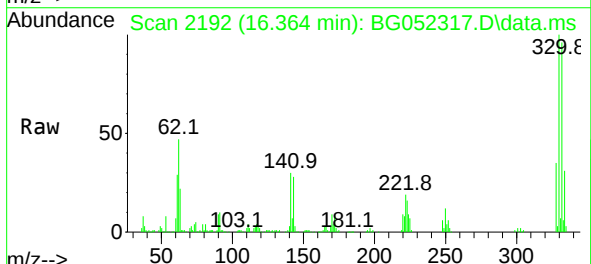
Tgt Ion:237 Resp: 102664
Ion Ratio Lower Upper
237 100
235 62.4 45.9 85.9
272 13.4 0.0 33.0

Manual Integrations
APPROVED

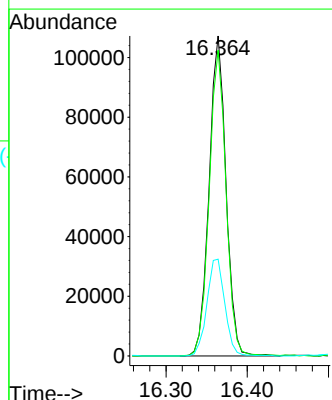
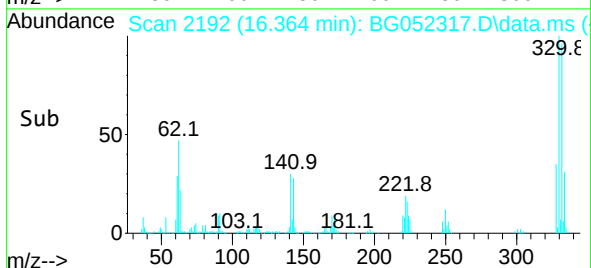
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

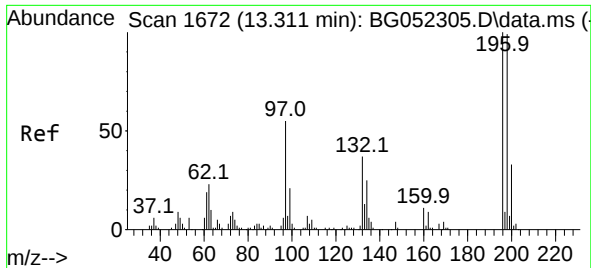


#42
2,4,6-Tribromophenol
Concen: 101.624 ng
RT: 16.364 min Scan# 2192
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:330 Resp: 155062
Ion Ratio Lower Upper
330 100
332 95.2 78.6 117.8
141 32.0 28.8 43.2





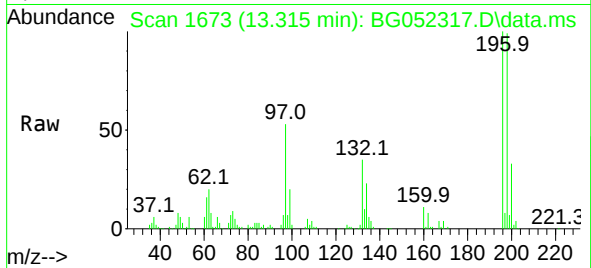
#43
2,4,6-Trichlorophenol
Concen: 48.566 ng
RT: 13.315 min Scan# 1672
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

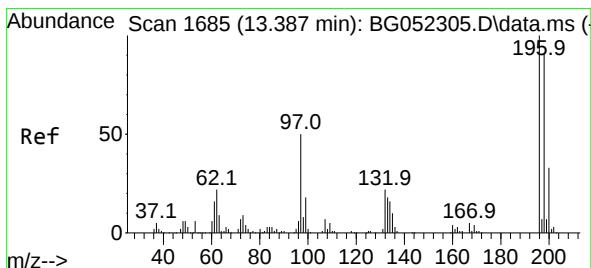
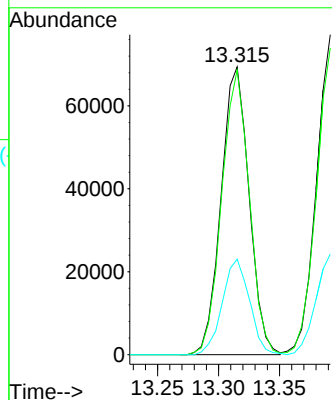


Tgt Ion:196 Resp: 110958
Ion Ratio Lower Upper
196 100
198 98.9 78.4 117.6
200 33.2 28.5 42.7

Manual Integrations

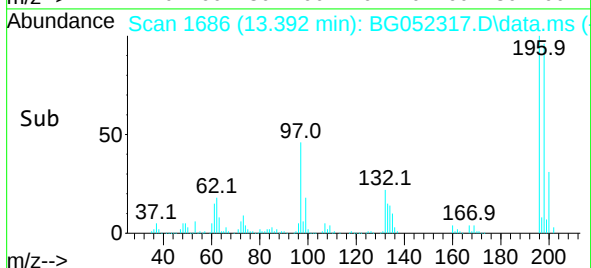
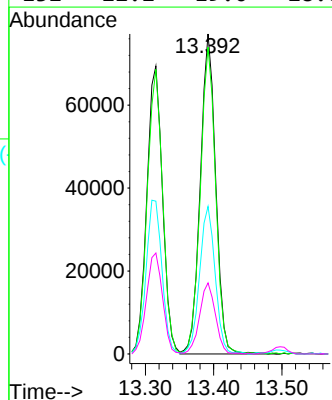
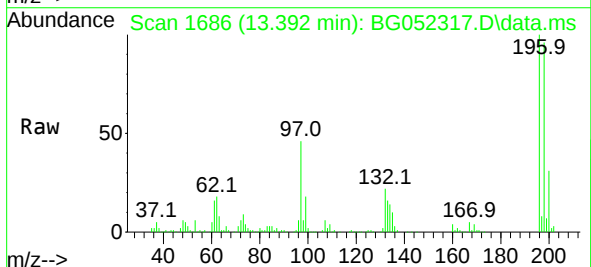
APPROVED

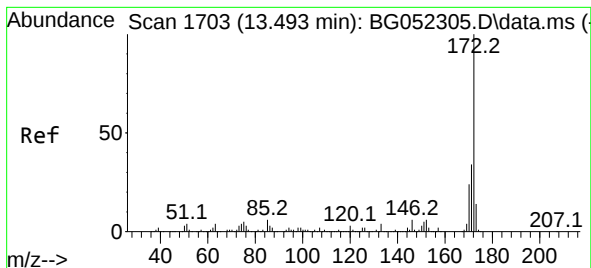
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#44
2,4,5-Trichlorophenol
Concen: 48.947 ng
RT: 13.392 min Scan# 1686
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

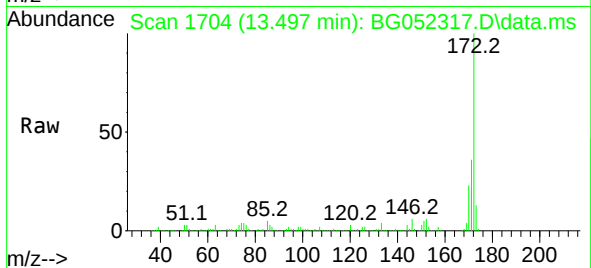
Tgt Ion:196 Resp: 121187
Ion Ratio Lower Upper
196 100
198 95.9 78.6 118.0
97 46.1 43.8 65.8
132 22.2 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 65.887 ng
RT: 13.497 min Scan# 1703
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

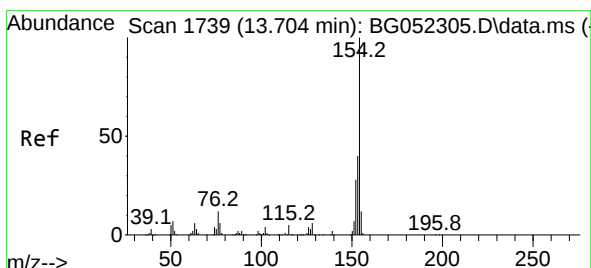
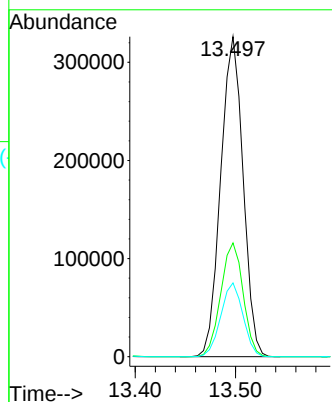
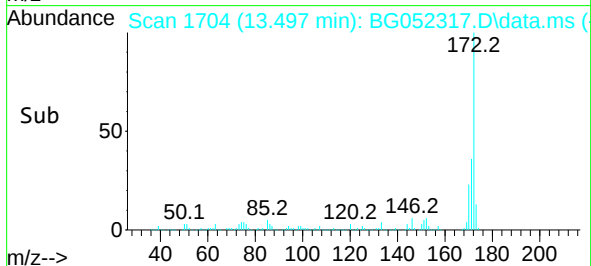
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



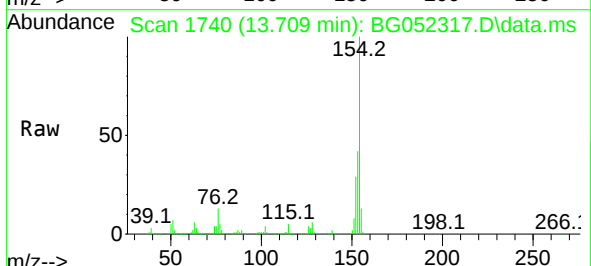
Tgt Ion:172 Resp: 50360
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.0 18.3 27.5

Manual Integrations
APPROVED

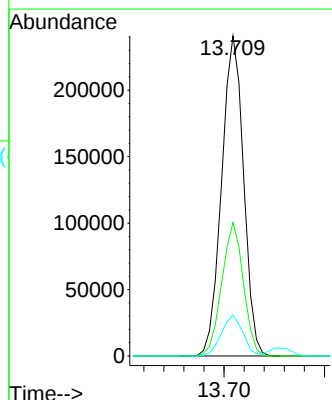
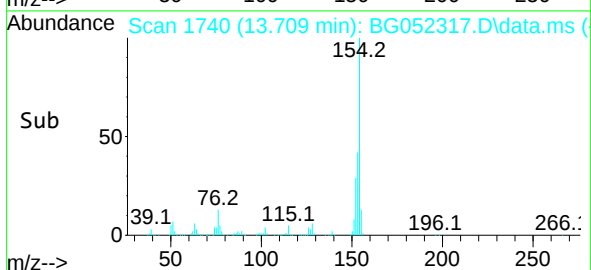
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

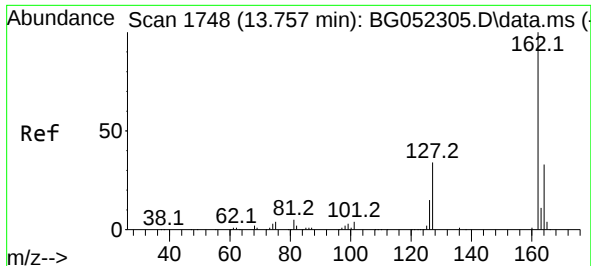


#46
1,1'-Biphenyl
Concen: 46.823 ng
RT: 13.709 min Scan# 1740
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:154 Resp: 364654
Ion Ratio Lower Upper
154 100
153 41.7 21.1 61.1
76 12.8 0.0 32.6





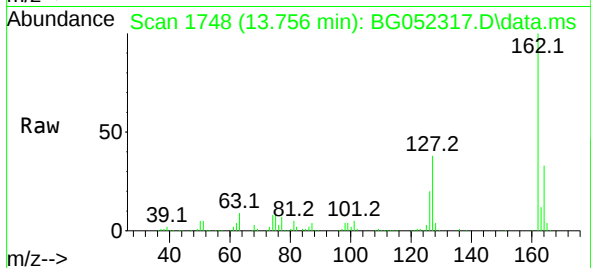
#47
2-Chloronaphthalene
Concen: 46.915 ng
RT: 13.756 min Scan# 1748
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

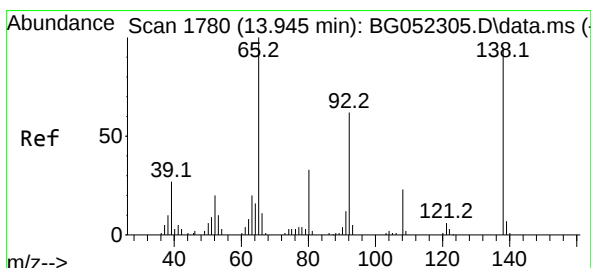
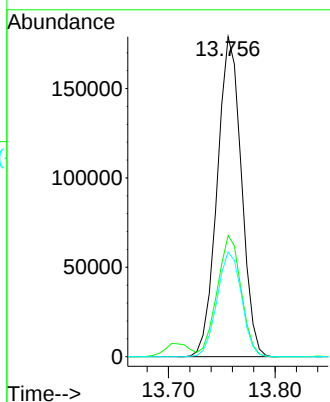
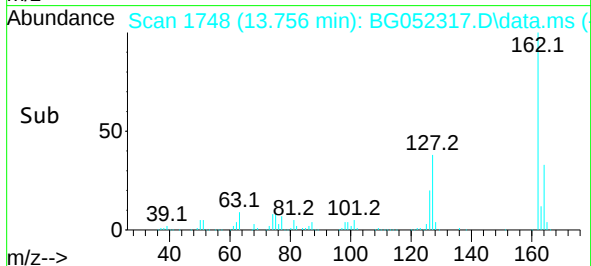


Tgt Ion:162 Resp: 281490
Ion Ratio Lower Upper
162 100
127 37.9 30.4 45.6
164 32.7 25.0 37.4

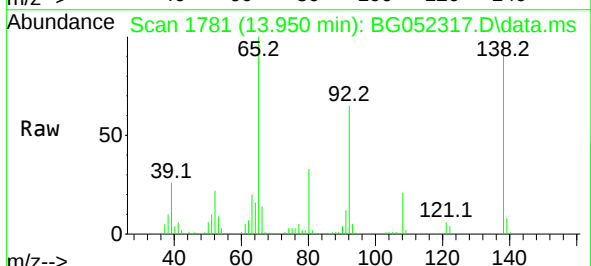
Manual Integrations

APPROVED

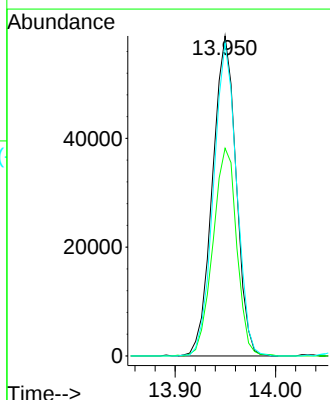
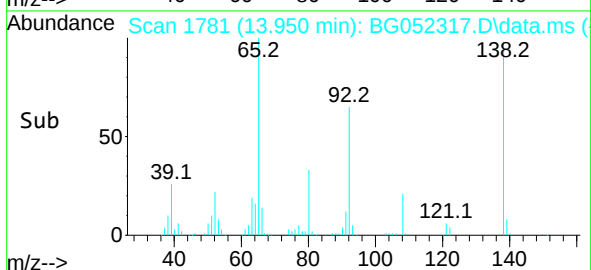
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

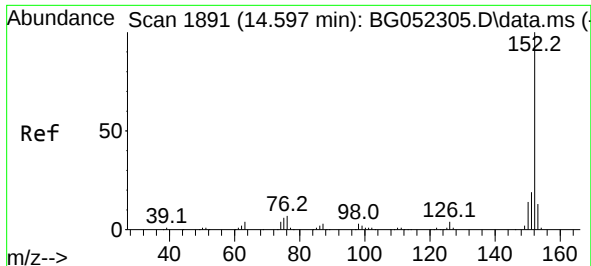


#48
2-Nitroaniline
Concen: 44.854 ng
RT: 13.950 min Scan# 1781
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion: 65 Resp: 95815
Ion Ratio Lower Upper
65 100
92 64.9 51.0 76.6
138 97.7 72.4 108.6





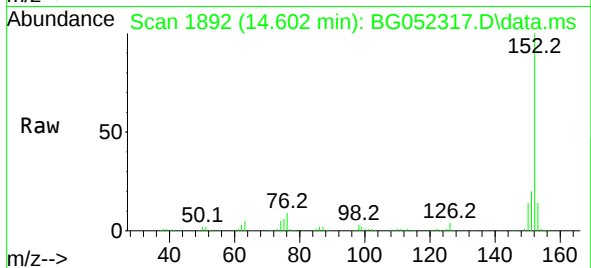
#49
Acenaphthylene
Concen: 46.957 ng
RT: 14.602 min Scan# 1892
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

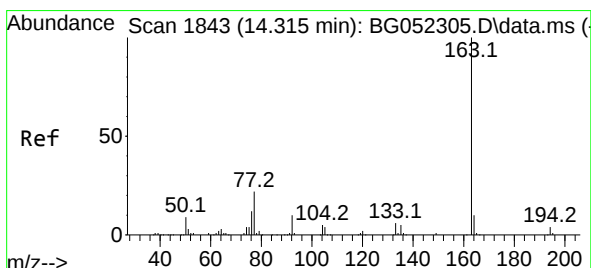
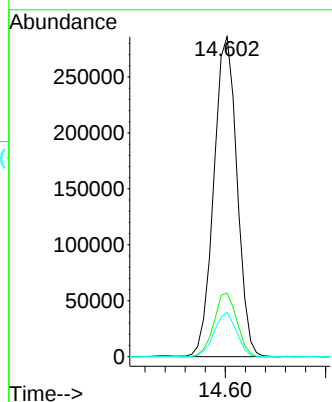
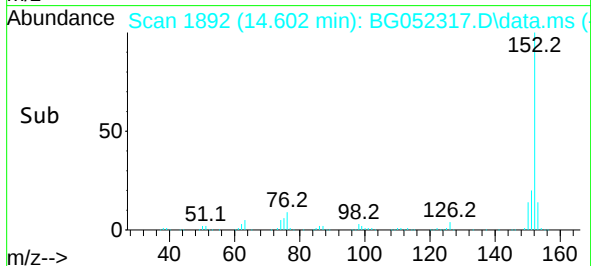


Tgt Ion:152 Resp: 458640
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.9 10.8 16.2

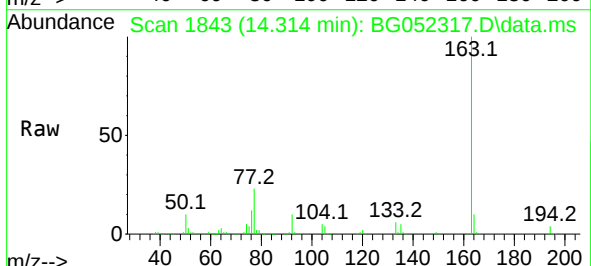
Manual Integrations

APPROVED

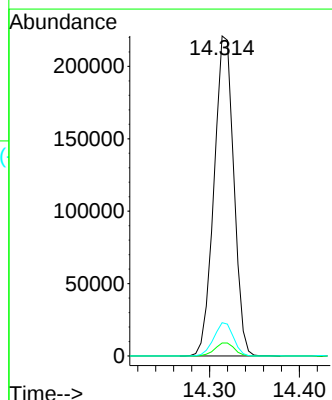
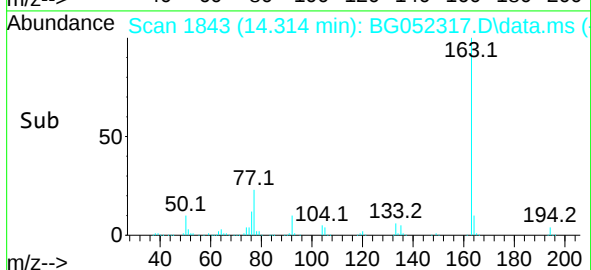
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

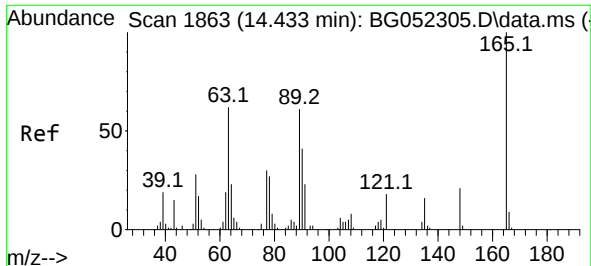


#50
Dimethylphthalate
Concen: 41.435 ng
RT: 14.314 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:163 Resp: 337116
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.4 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 45.783 ng
RT: 14.437 min Scan# 1863
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

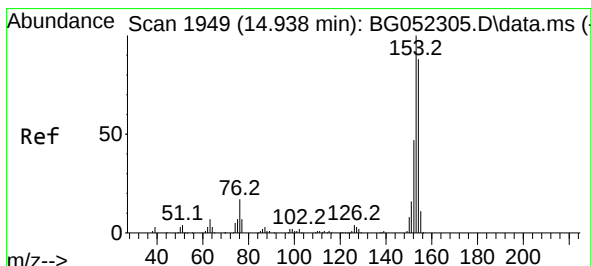
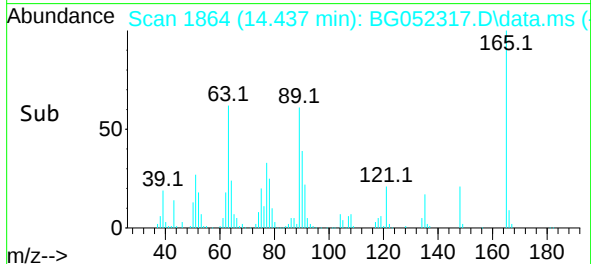
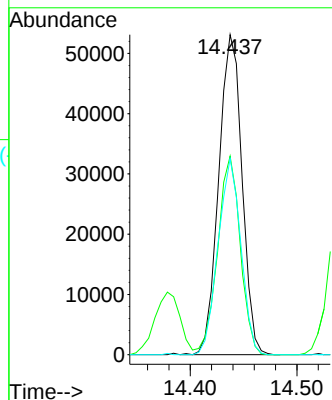
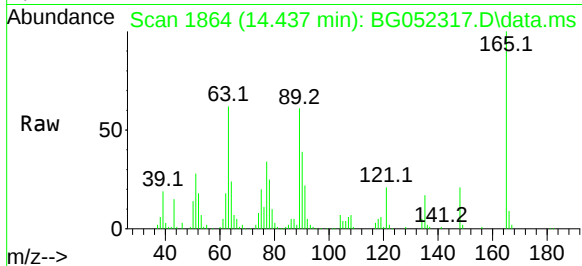
TR-04-020322MS

Tgt Ion:165 Resp: 80382
Ion Ratio Lower Upper
165 100
63 62.1 59.0 88.4
89 61.3 49.4 74.0

Manual Integrations

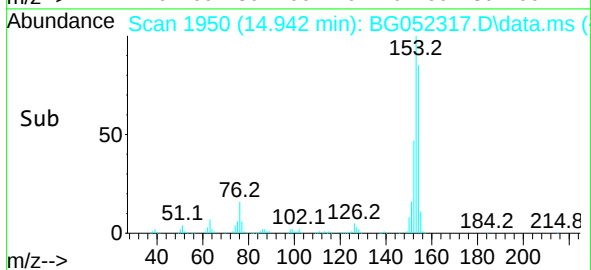
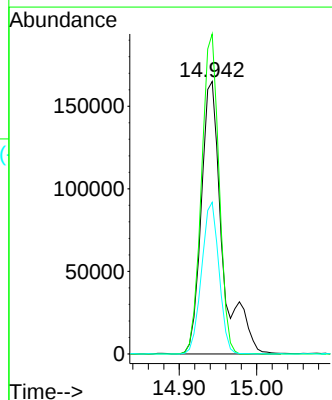
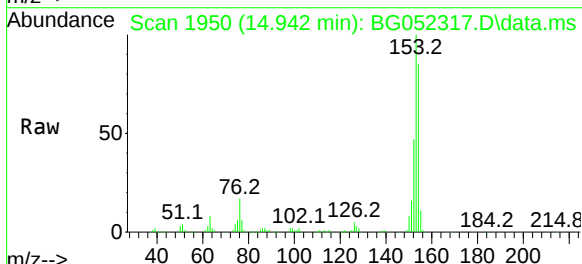
APPROVED

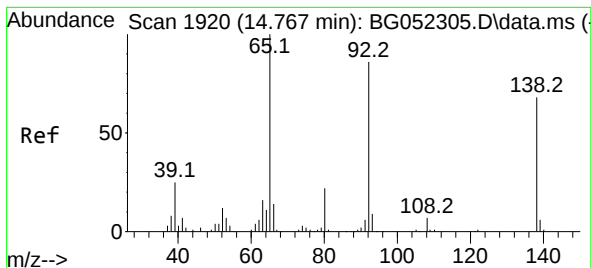
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#52
Acenaphthene
Concen: 48.895 ng m
RT: 14.942 min Scan# 1950
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:154 Resp: 312767
Ion Ratio Lower Upper
154 100
153 117.5 91.9 137.9
152 55.7 43.4 65.2





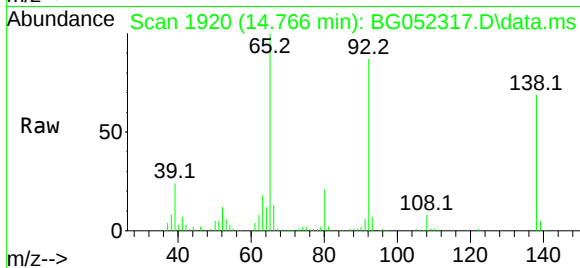
#53
3-Nitroaniline
Concen: 37.782 ng
RT: 14.766 min Scan# 1920
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

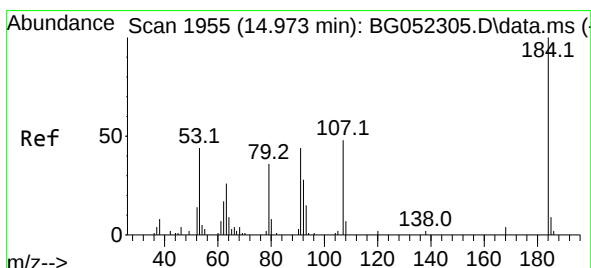
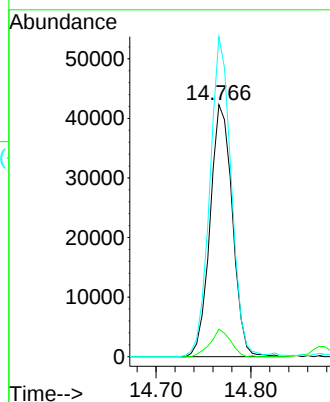
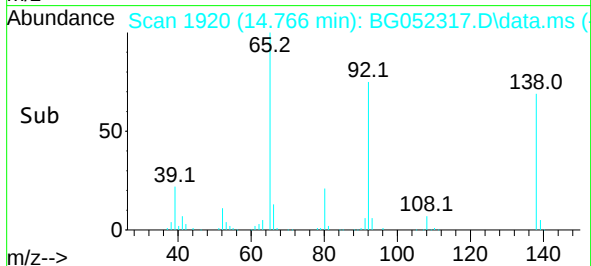


Tgt Ion:138 Resp: 68949
Ion Ratio Lower Upper
138 100
108 11.0 7.8 11.8
92 127.0 100.4 150.6

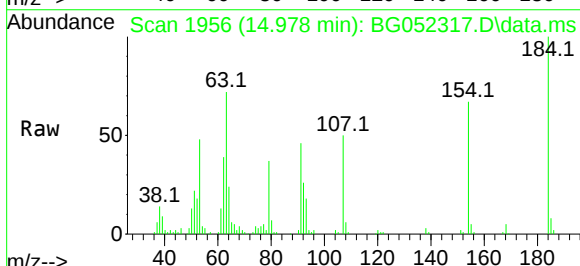
Manual Integrations

APPROVED

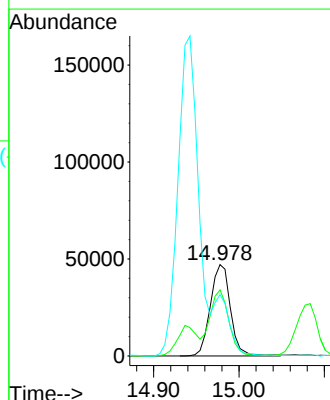
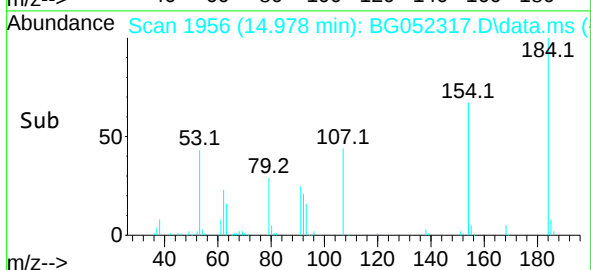
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

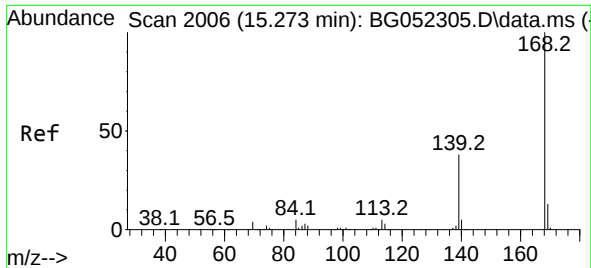


#54
2,4-Dinitrophenol
Concen: 71.152 ng
RT: 14.978 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:184 Resp: 76733
Ion Ratio Lower Upper
184 100
63 72.4 56.0 84.0
154 67.1 50.2 75.2





#55
Dibenzofuran
Concen: 42.591 ng
RT: 15.271 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

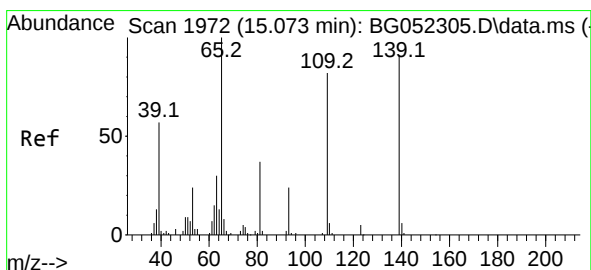
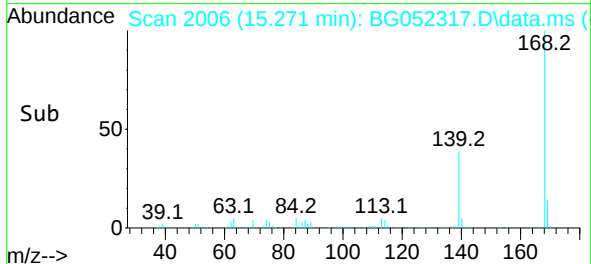
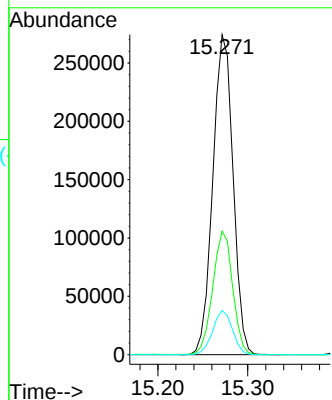
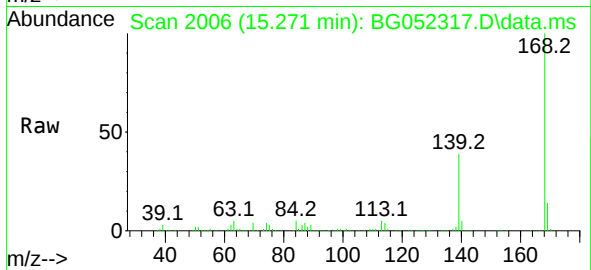
ClientSampleId :

TR-04-020322MS

Tgt Ion:168 Resp: 428452
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1
169 13.8 10.9 16.3

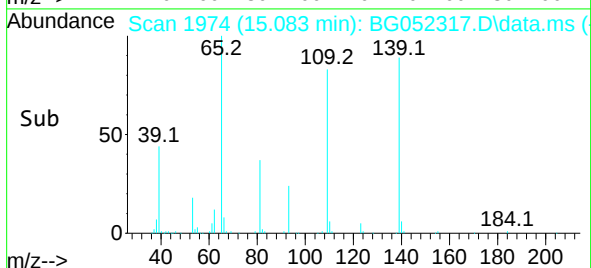
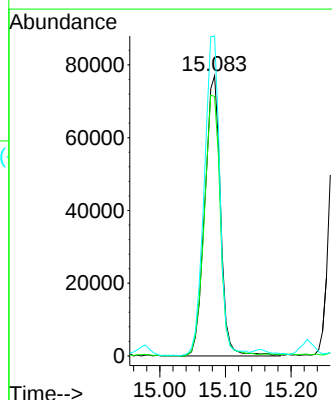
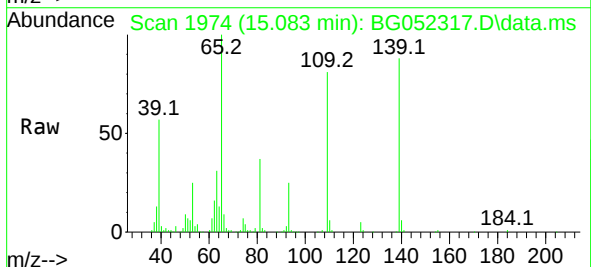
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#56
4-Nitrophenol
Concen: 94.009 ng
RT: 15.083 min Scan# 1974
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:139 Resp: 128838
Ion Ratio Lower Upper
139 100
109 92.6 84.9 124.9
65 114.2 109.9 149.9





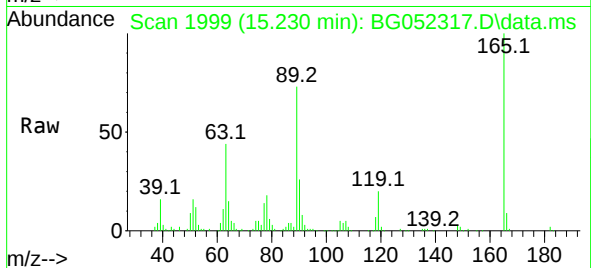
#57
2,4-Dinitrotoluene
Concen: 44.542 ng
RT: 15.230 min Scan# 1999
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

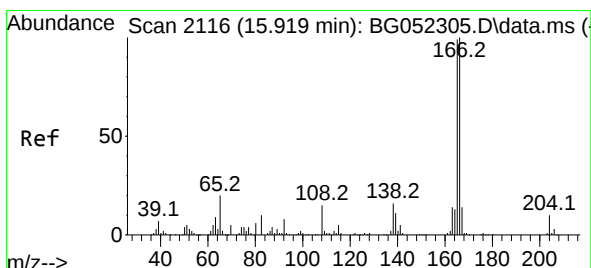
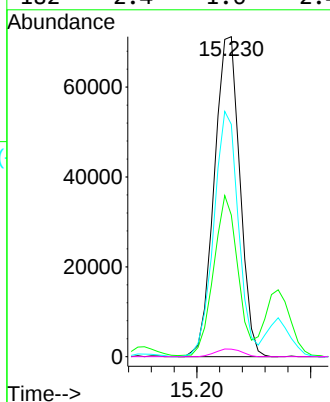
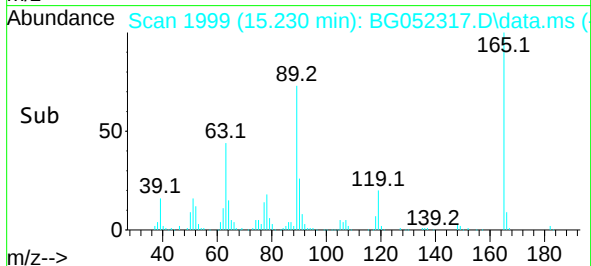


Tgt Ion:165 Resp: 111304
Ion Ratio Lower Upper
165 100
63 44.3 44.6 66.8
89 72.6 67.4 101.0
182 2.4 1.6 2.4

Manual Integrations

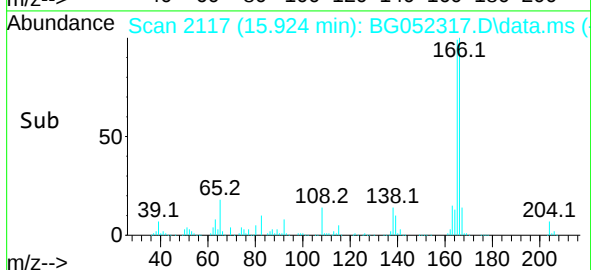
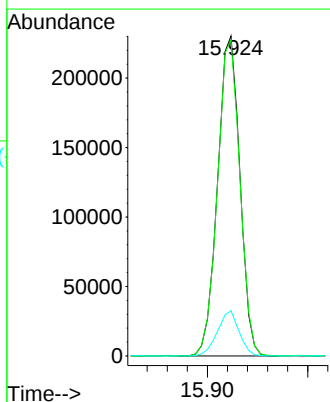
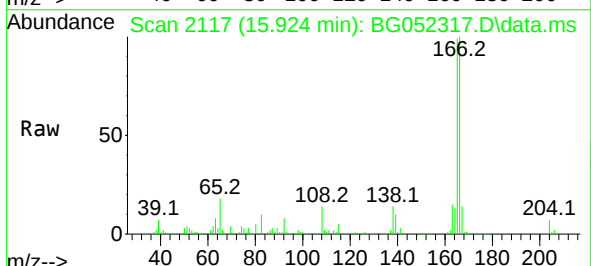
APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#58
Fluorene
Concen: 44.094 ng
RT: 15.924 min Scan# 2117
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:166 Resp: 354100
Ion Ratio Lower Upper
166 100
165 98.7 80.0 120.0
167 14.1 11.1 16.7





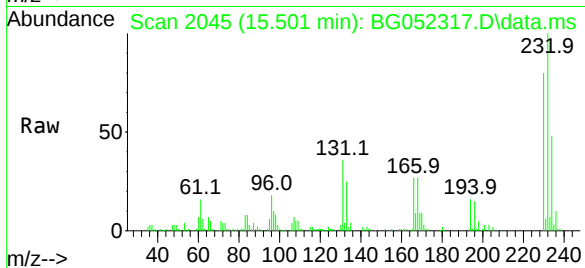
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.526 ng
RT: 15.501 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

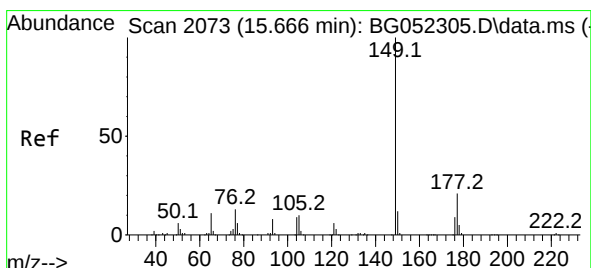
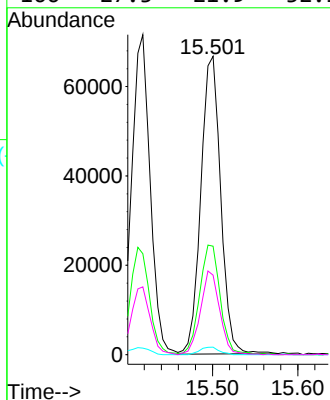
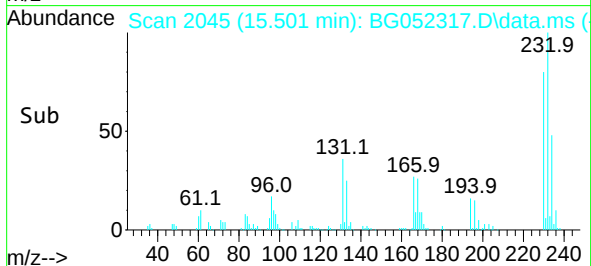


Tgt Ion:232 Resp: 107679
Ion Ratio Lower Upper
232 100
131 37.5 32.2 48.4
130 2.5 2.2 3.4
166 27.3 21.9 32.9

Manual Integrations

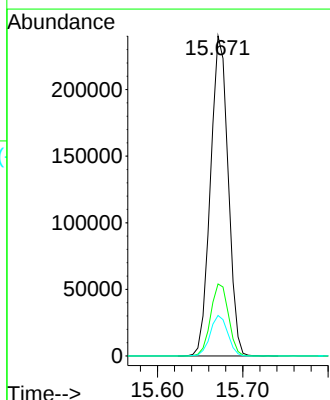
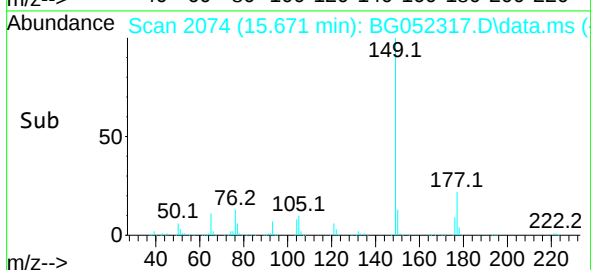
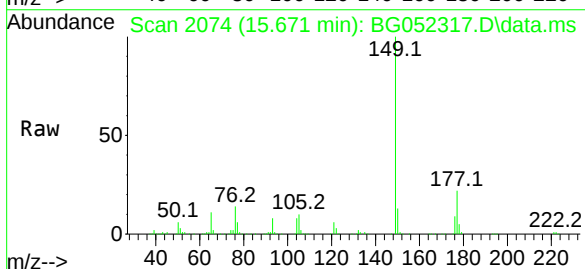
APPROVED

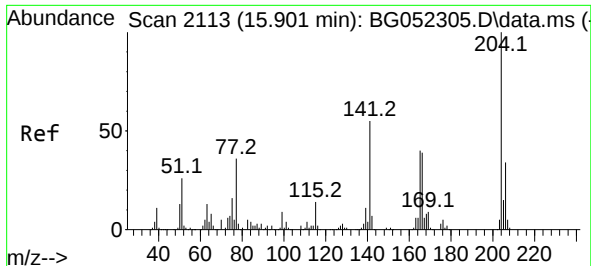
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#60
Diethylphthalate
Concen: 42.043 ng
RT: 15.671 min Scan# 2074
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

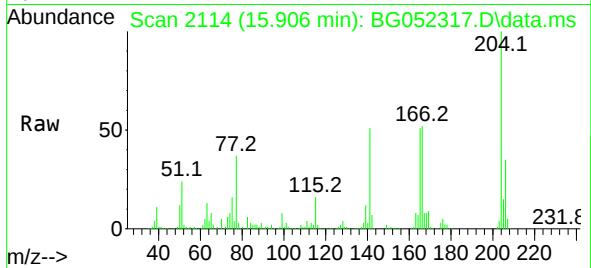
Tgt Ion:149 Resp: 345541
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.6 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 42.759 ng
RT: 15.906 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

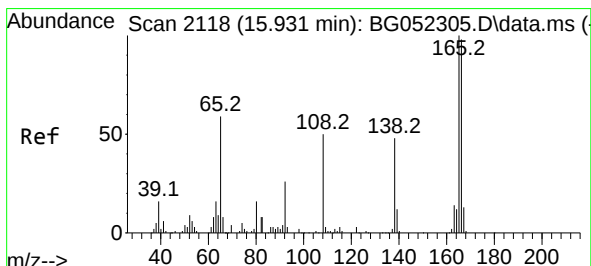
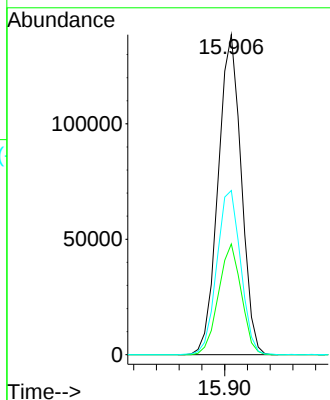
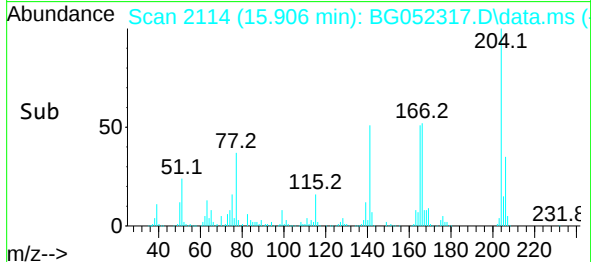
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



Tgt Ion:204 Resp: 19560
Ion Ratio Lower Upper
204 100
206 34.6 28.4 42.6
141 51.3 41.8 62.6

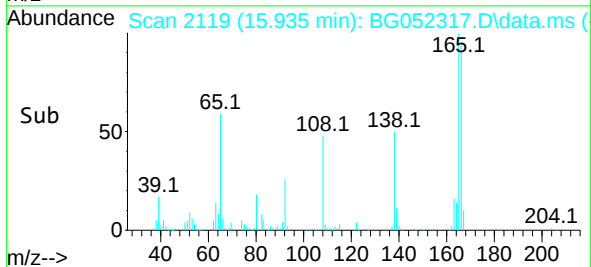
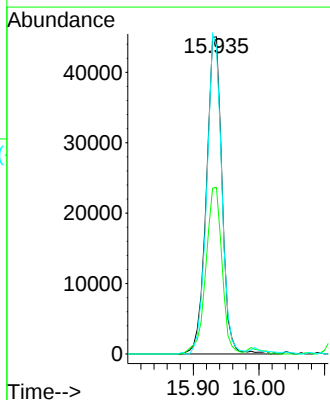
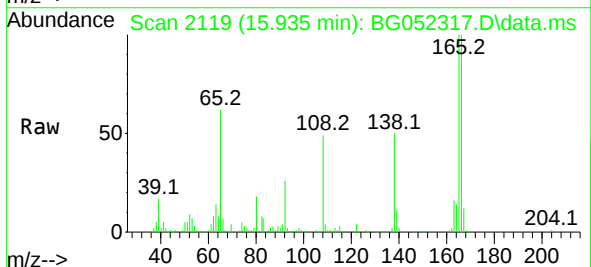
Manual Integrations
APPROVED

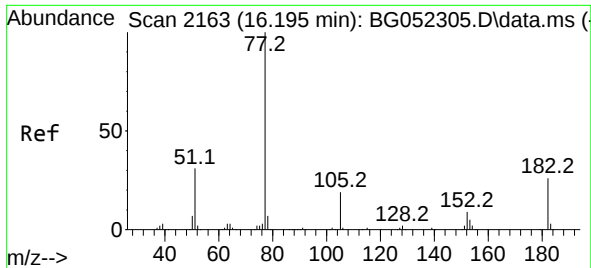
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#62
4-Nitroaniline
Concen: 38.962 ng
RT: 15.935 min Scan# 2119
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:138 Resp: 74854
Ion Ratio Lower Upper
138 100
92 52.5 35.5 75.5
108 97.2 96.4 136.4





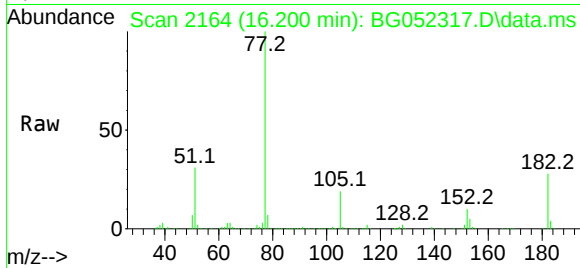
#63
Azobenzene
Concen: 40.936 ng
RT: 16.200 min Scan# 2164
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

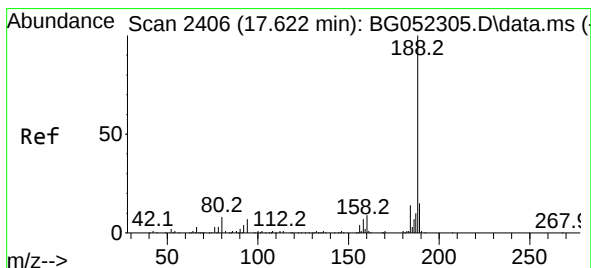
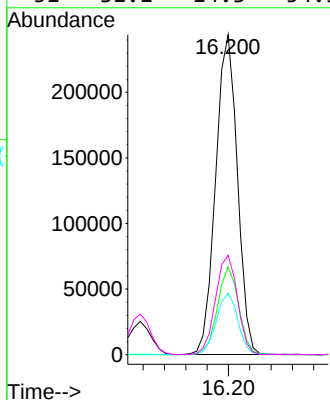
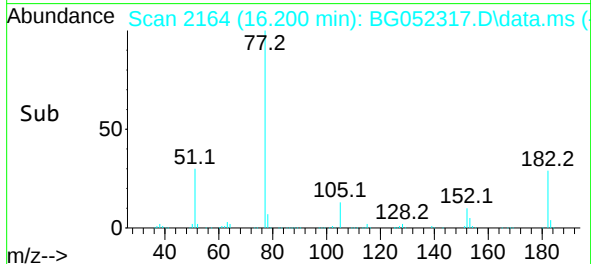


Tgt Ion: 77 Resp: 344420
Ion Ratio Lower Upper
77 100
182 27.5 4.1 44.1
105 19.2 0.0 37.5
51 31.1 14.3 54.3

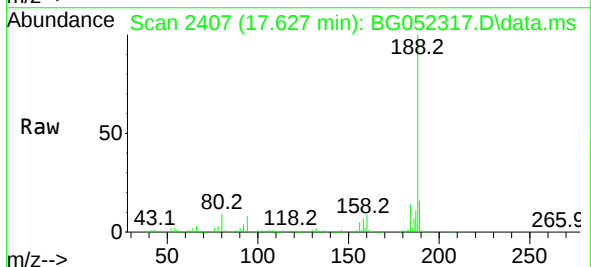
Manual Integrations

APPROVED

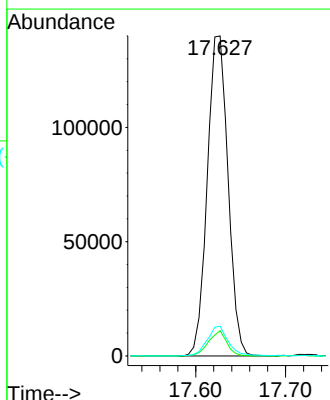
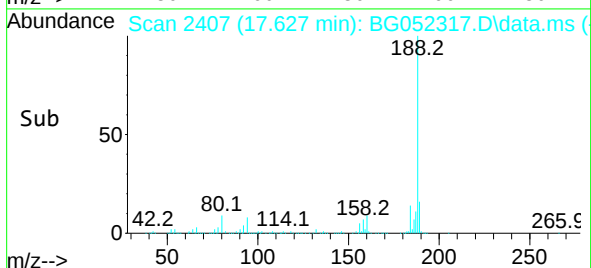
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2407
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:188 Resp: 224757
Ion Ratio Lower Upper
188 100
94 7.9 5.9 8.9
80 9.3 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 39.534 ng
RT: 15.994 min Scan# 2128
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

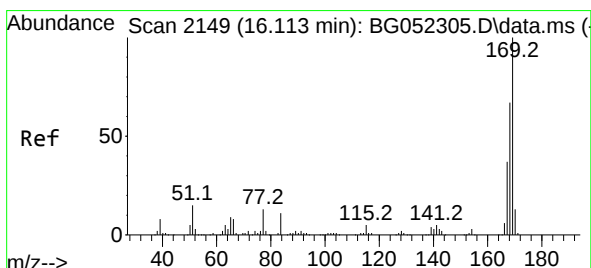
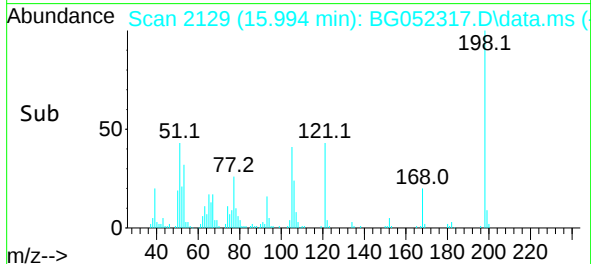
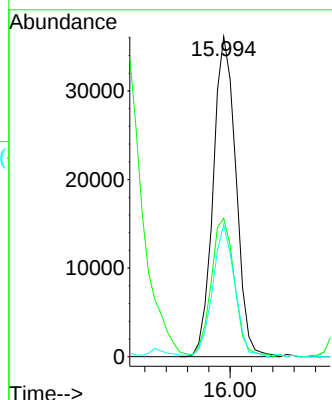
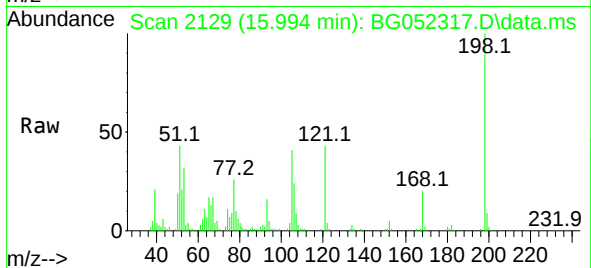
TR-04-020322MS

Tgt Ion:198 Resp: 53452
Ion Ratio Lower Upper
198 100
51 43.2 31.6 71.6
105 41.2 22.3 62.3

Manual Integrations

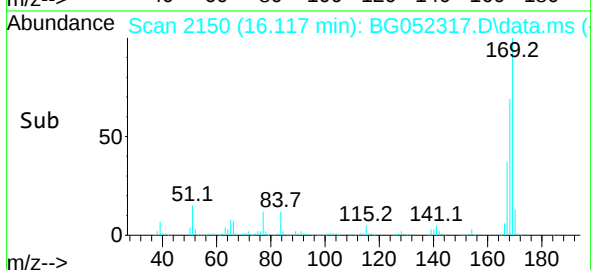
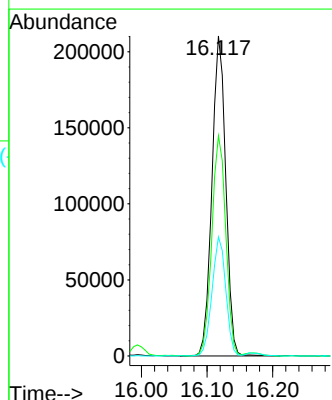
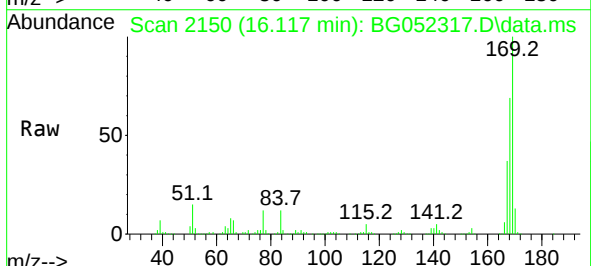
APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#66
n-Nitrosodiphenylamine
Concen: 49.692 ng
RT: 16.117 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:169 Resp: 307727
Ion Ratio Lower Upper
169 100
168 68.8 57.4 86.0
167 37.2 29.5 44.3





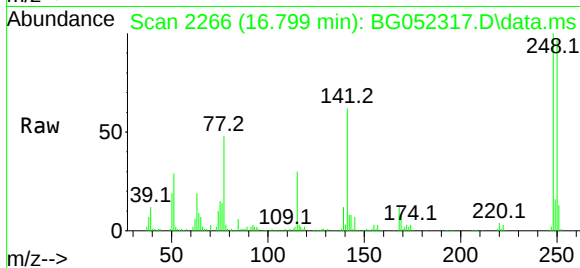
#67
4-Bromophenyl-phenylether
Concen: 47.147 ng
RT: 16.799 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

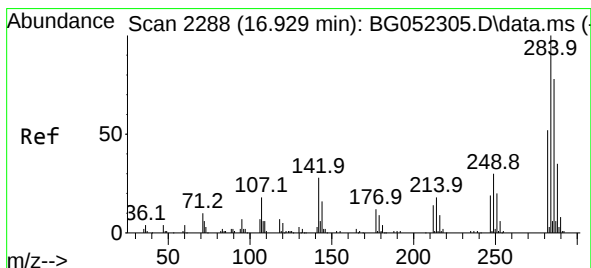
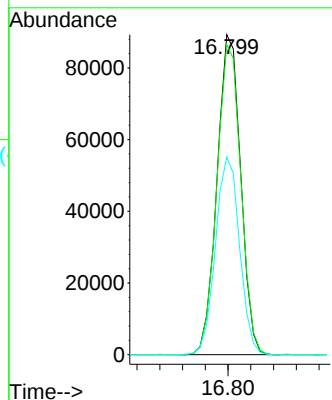
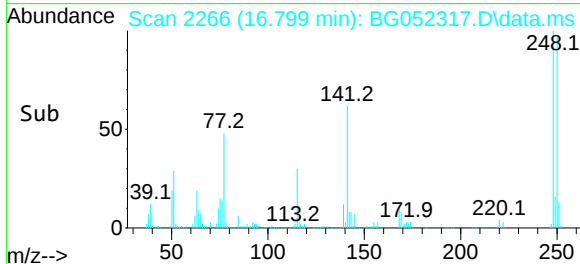
TR-04-020322MS



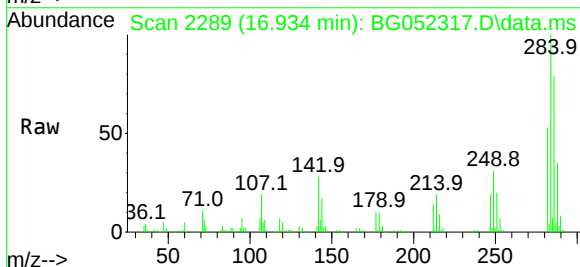
Tgt Ion:248 Resp: 12886
Ion Ratio Lower Upper
248 100
250 96.9 79.6 119.4
141 61.7 54.6 81.8

Manual Integrations
APPROVED

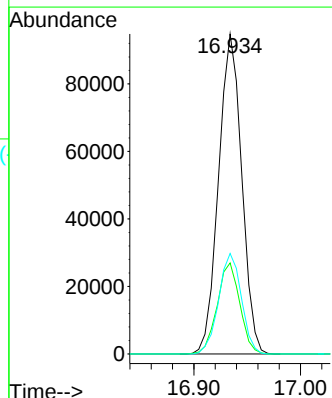
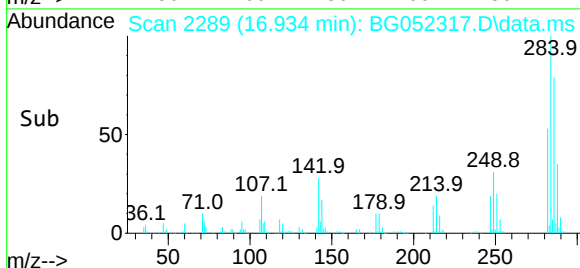
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

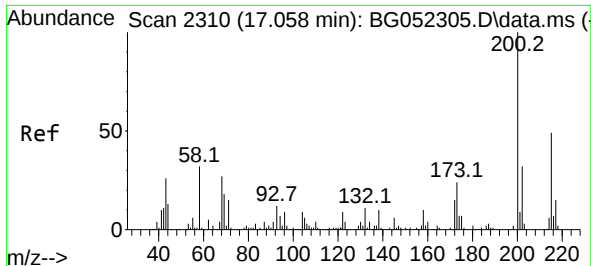


#68
Hexachlorobenzene
Concen: 48.147 ng
RT: 16.934 min Scan# 2289
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:284 Resp: 142734
Ion Ratio Lower Upper
284 100
142 28.4 26.2 39.2
249 31.4 26.9 40.3





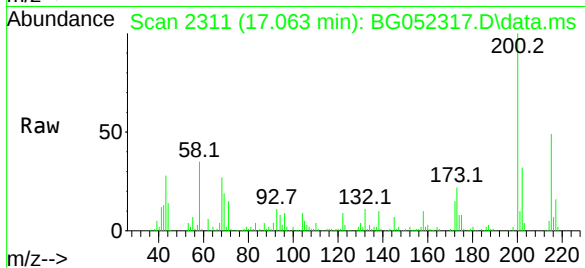
#69
 Atrazine
 Concen: 48.173 ng
 RT: 17.063 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

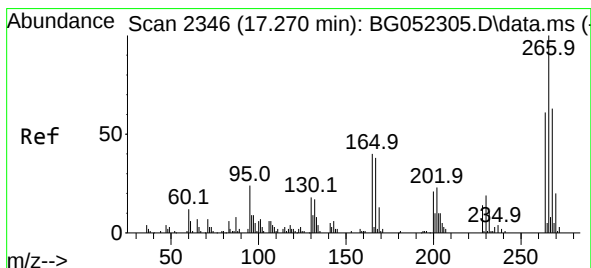
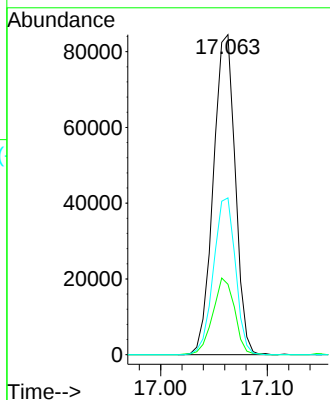


Tgt Ion:200 Resp: 12060
 Ion Ratio Lower Upper
 200 100
 173 22.0 3.3 43.3
 215 49.0 24.4 64.4

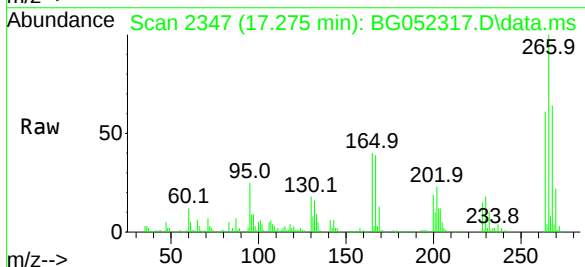
Manual Integrations

APPROVED

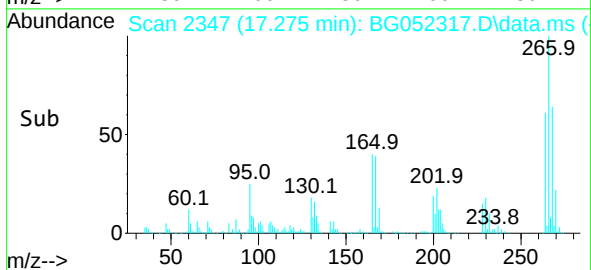
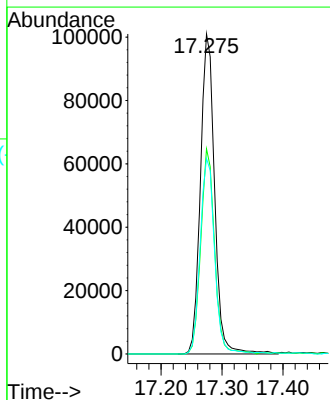
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

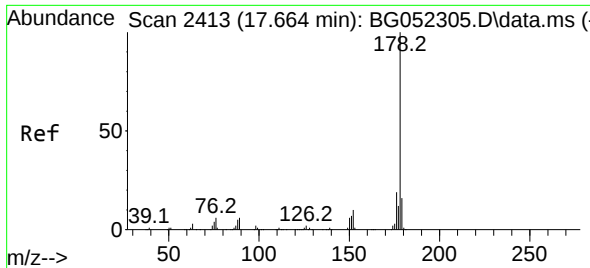


#70
 Pentachlorophenol
 Concen: 112.740 ng
 RT: 17.275 min Scan# 2347
 Delta R.T. 0.005 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45



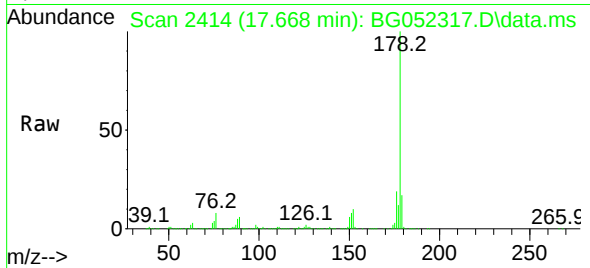
Tgt Ion:266 Resp: 163509
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.6 75.8
 264 61.1 52.2 78.2





#71
Phenanthrene
Concen: 45.786 ng
RT: 17.668 min Scan# 2413
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

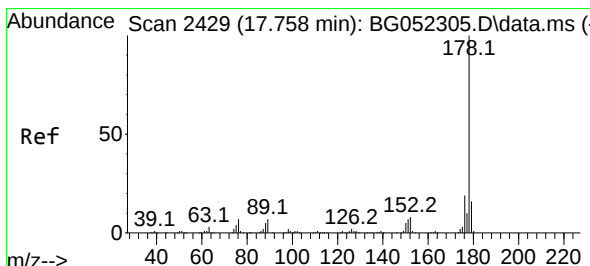
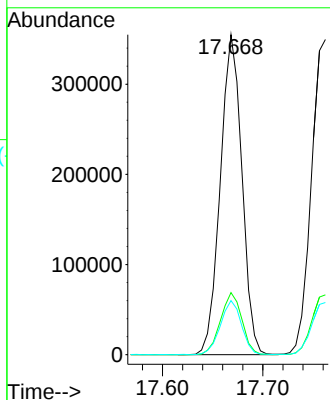
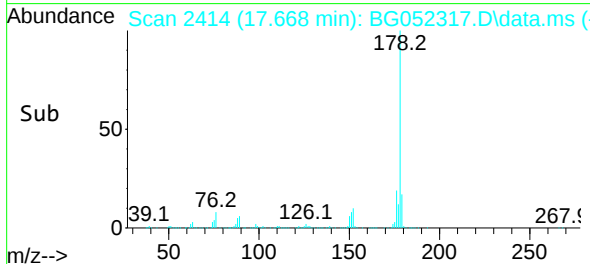
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



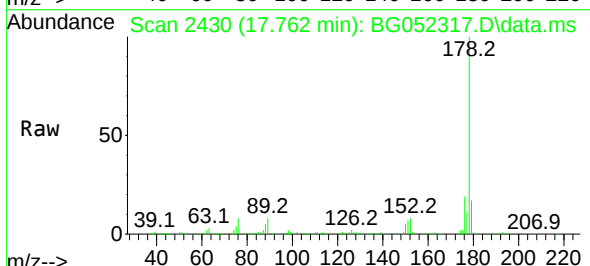
Tgt Ion:178 Resp: 530495
Ion Ratio Lower Upper
178 100
176 19.4 16.6 25.0
179 16.9 12.6 18.8

Manual Integrations
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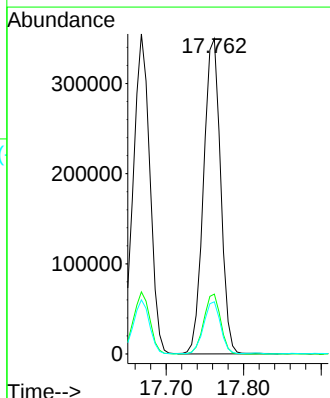
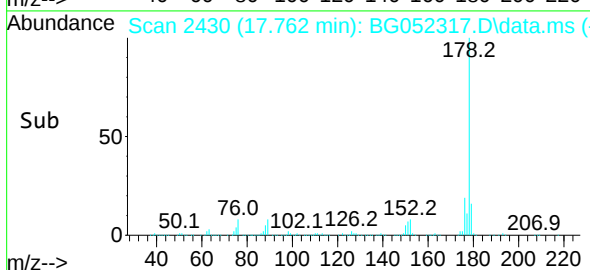
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

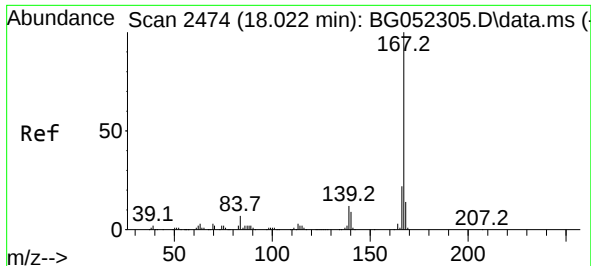


#72
Anthracene
Concen: 46.954 ng
RT: 17.762 min Scan# 2430
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



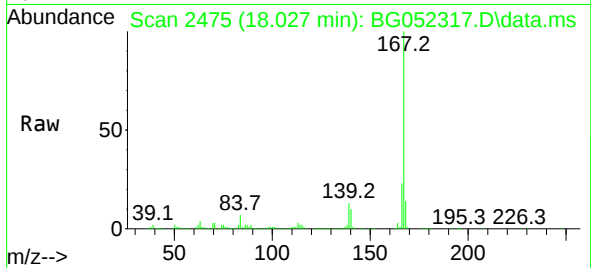
Tgt Ion:178 Resp: 533112
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.6 13.1 19.7





#73
 Carbazole
 Concen: 42.762 ng
 RT: 18.027 min Scan# 2474
 Delta R.T. 0.005 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45

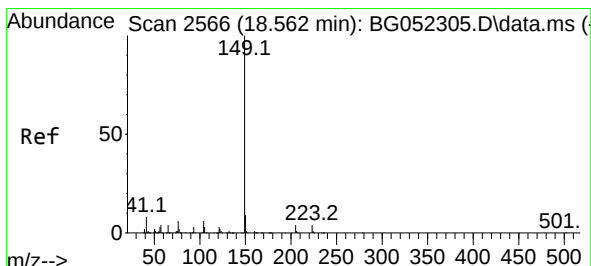
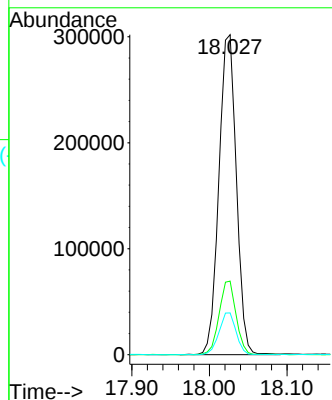
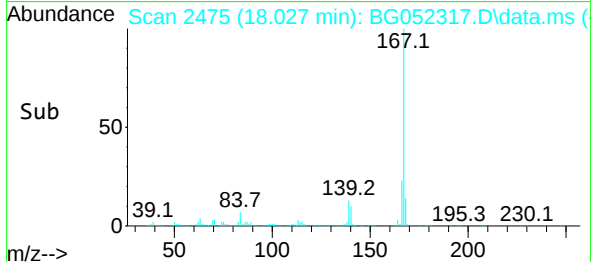
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-020322MS



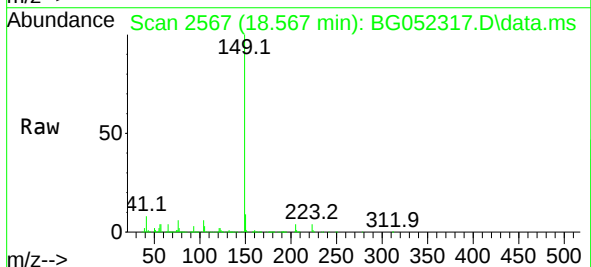
Tgt Ion:167 Resp: 473528
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.8 26.6
 139 13.1 10.6 16.0

Manual Integrations
 APPROVED

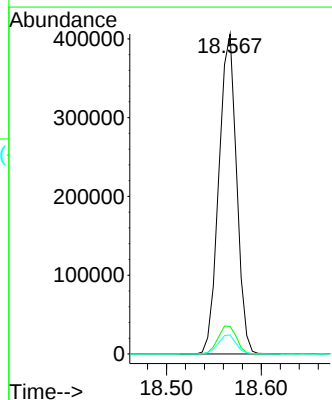
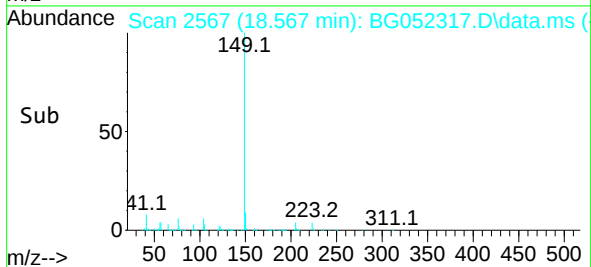
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

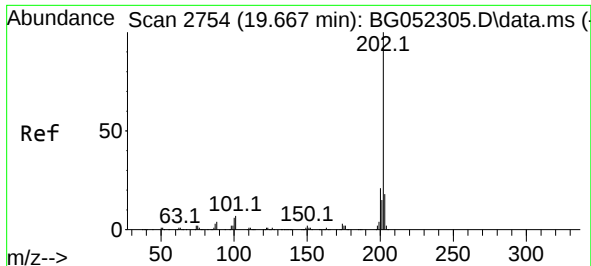


#74
 Di-n-butylphthalate
 Concen: 43.830 ng
 RT: 18.567 min Scan# 2567
 Delta R.T. 0.005 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45



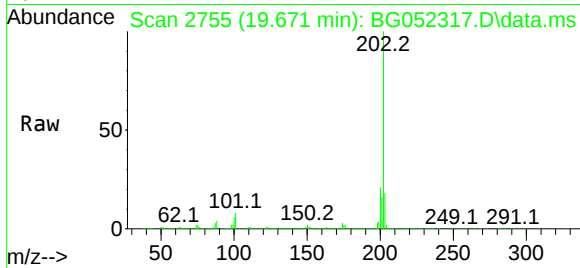
Tgt Ion:149 Resp: 528818
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 6.0 5.4 8.2





#75
Fluoranthene
Concen: 42.039 ng
RT: 19.671 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

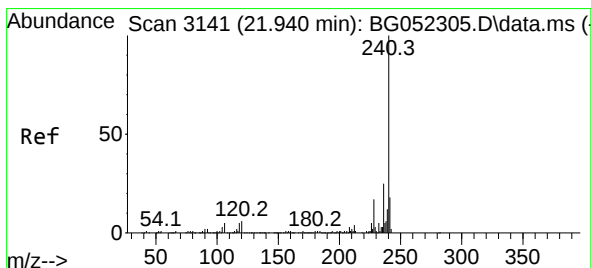
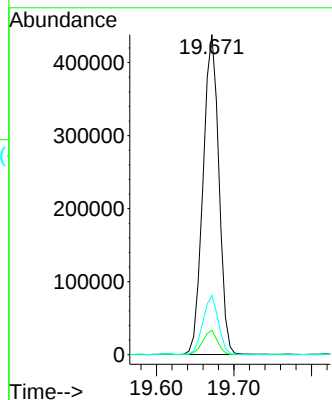
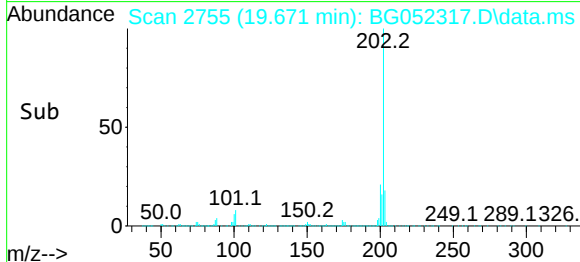
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



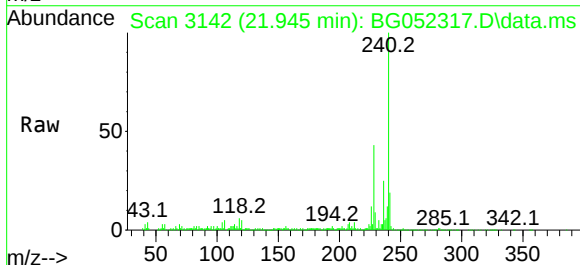
Tgt Ion:202 Resp: 620214
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.1
203 18.5 0.0 37.8

Manual Integrations
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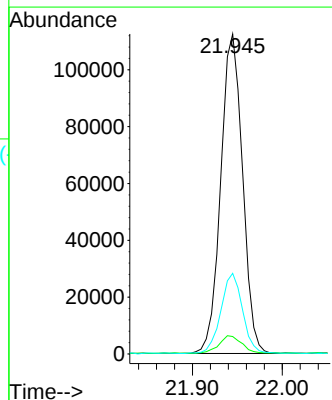
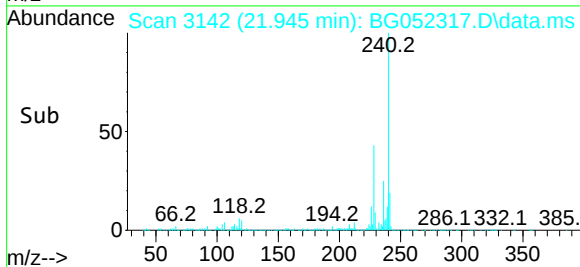
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

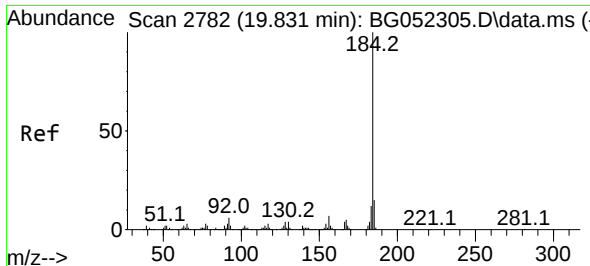


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.945 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



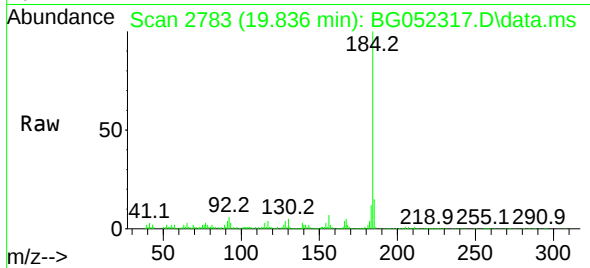
Tgt Ion:240 Resp: 189464
Ion Ratio Lower Upper
240 100
120 5.4 4.4 6.6
236 25.2 20.8 31.2





#77
Benzidine
Concen: 37.441 ng
RT: 19.836 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

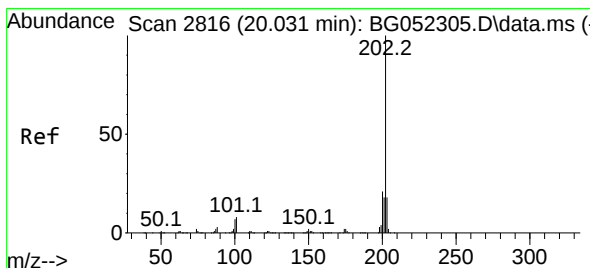
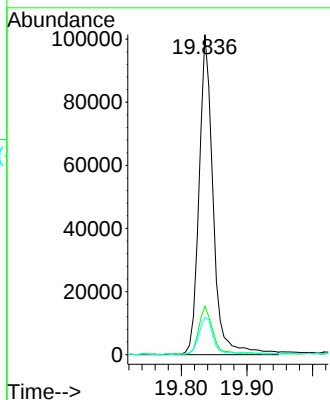
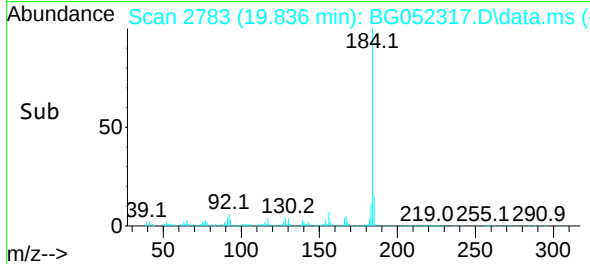
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



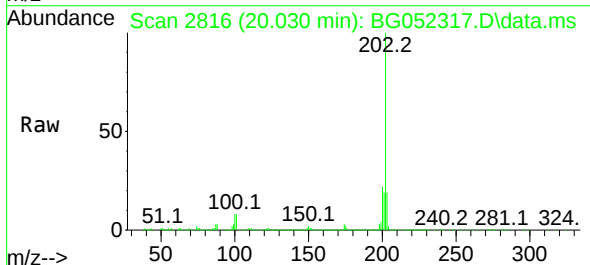
Tgt Ion:184 Resp: 151570
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.8
183 11.6 9.8 14.6

Manual Integrations
APPROVED

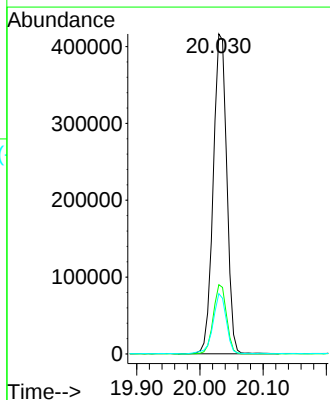
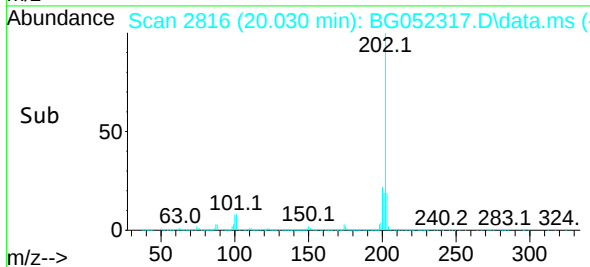
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

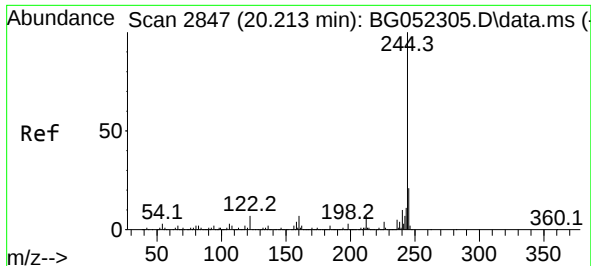


#78
Pyrene
Concen: 48.768 ng
RT: 20.030 min Scan# 2816
Delta R.T. -0.001 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:202 Resp: 618266
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.8 14.5 21.7





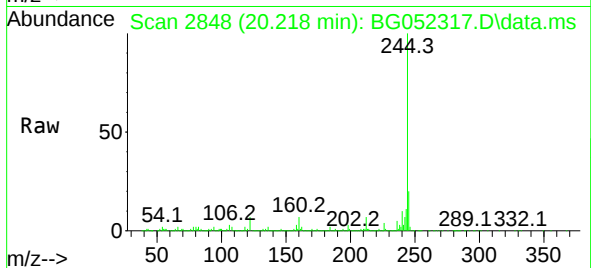
#79
 Terphenyl-d14
 Concen: 63.312 ng
 RT: 20.218 min Scan# 2847
 Delta R.T. 0.005 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

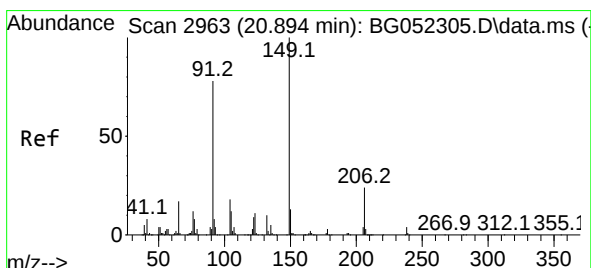
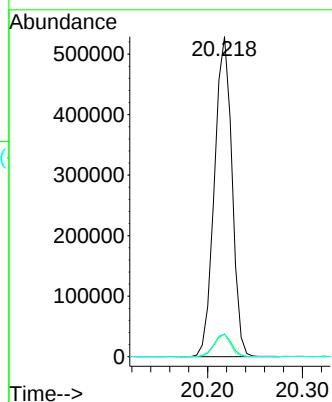
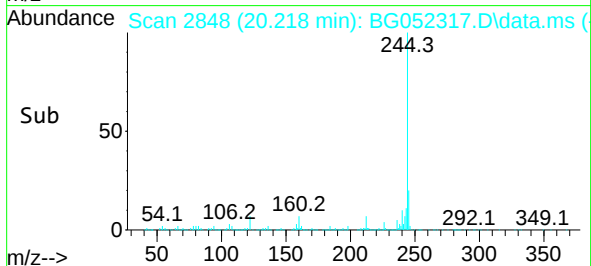


Tgt Ion:244 Resp: 679290
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.0 6.2 9.4

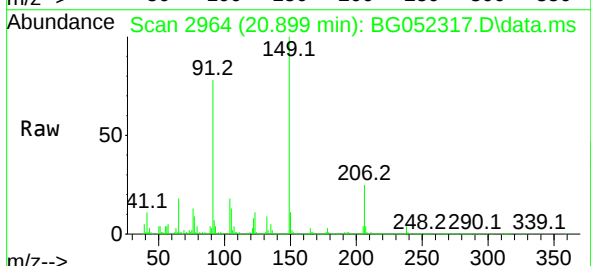
Manual Integrations

APPROVED

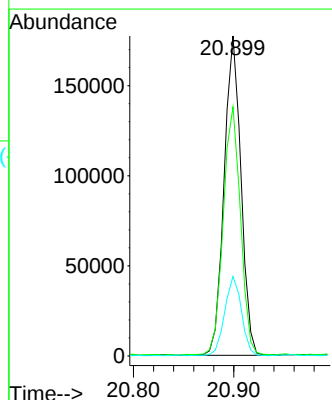
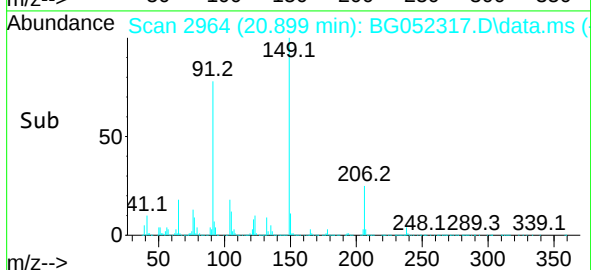
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

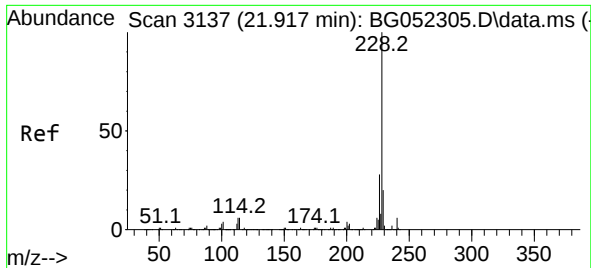


#80
 Butylbenzylphthalate
 Concen: 46.836 ng
 RT: 20.899 min Scan# 2964
 Delta R.T. 0.005 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45



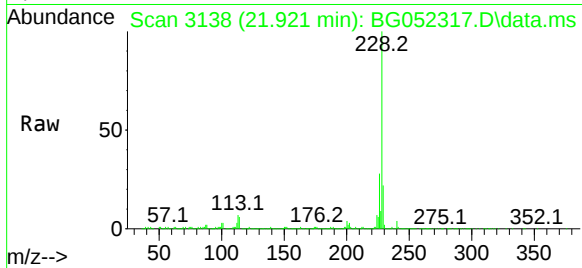
Tgt Ion:149 Resp: 206253
 Ion Ratio Lower Upper
 149 100
 91 77.8 64.0 96.0
 206 24.9 19.3 28.9





#81
Benzo(a)anthracene
Concen: 46.969 ng
RT: 21.921 min Scan# 3137
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

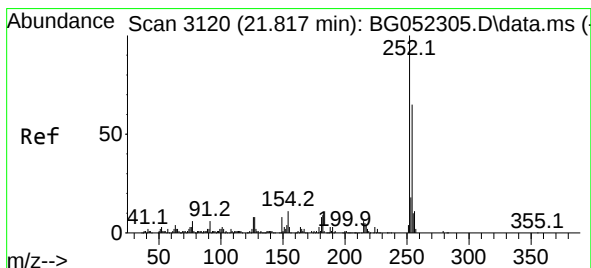
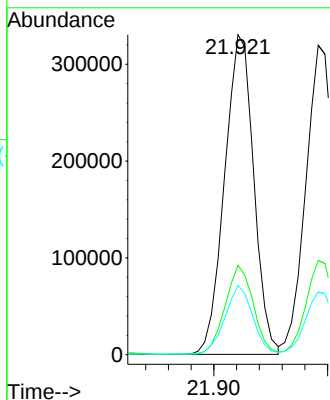
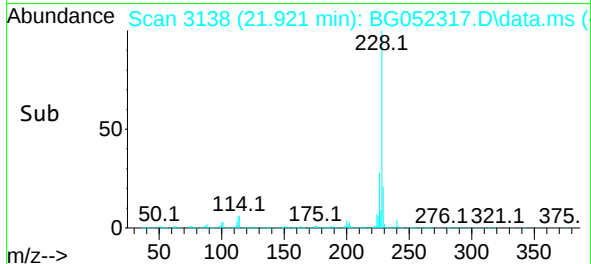
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MS



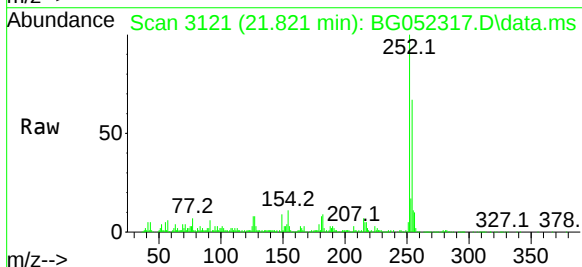
Tgt Ion:228 Resp: 588870
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 21.6 16.0 24.0

Manual Integrations
APPROVED

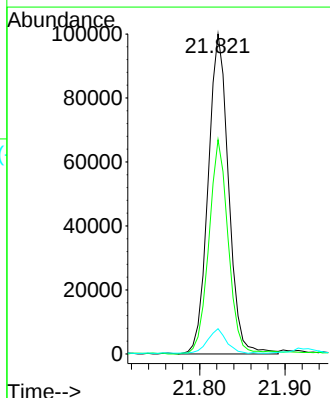
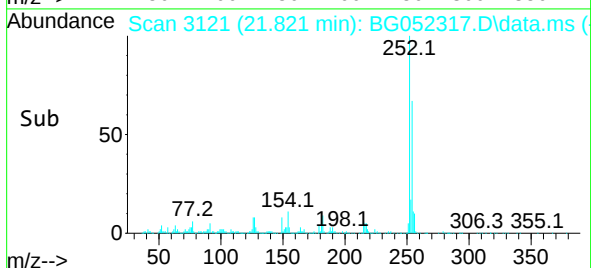
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

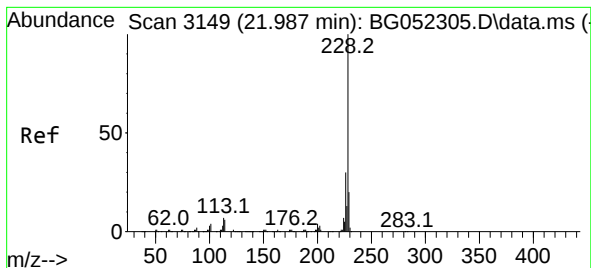


#82
3,3'-Dichlorobenzidine
Concen: 38.011 ng
RT: 21.821 min Scan# 3121
Delta R.T. 0.005 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45



Tgt Ion:252 Resp: 166370
Ion Ratio Lower Upper
252 100
254 66.9 52.6 79.0
126 7.9 6.4 9.6





#83

Chrysene

Concen: 46.520 ng

RT: 21.992 min Scan# 3149

Delta R.T. 0.005 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

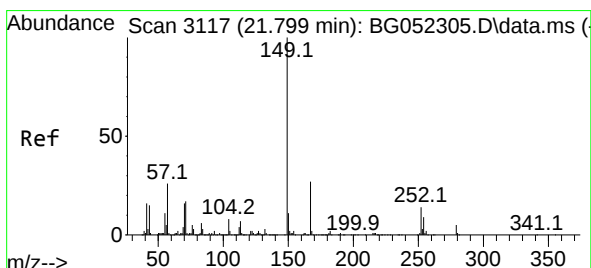
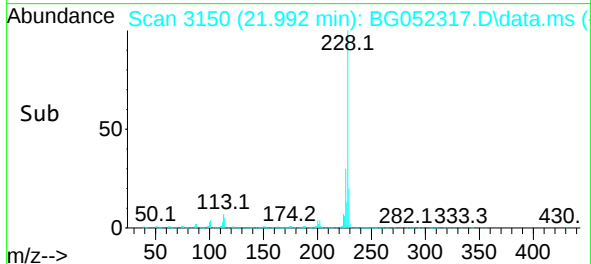
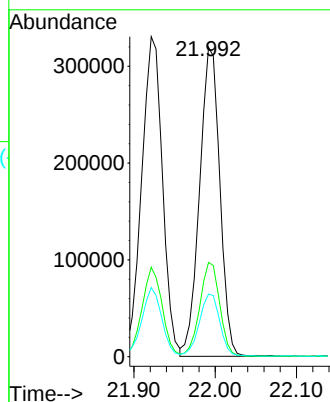
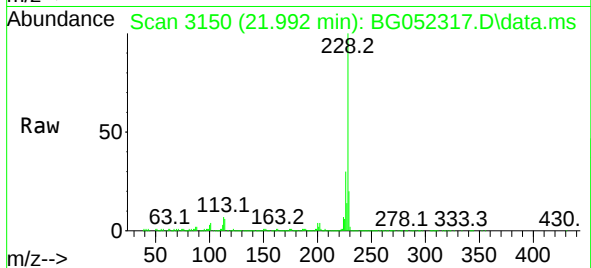
TR-04-020322MS

Tgt Ion:	228	Resp:	552692
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	20.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.089 ng

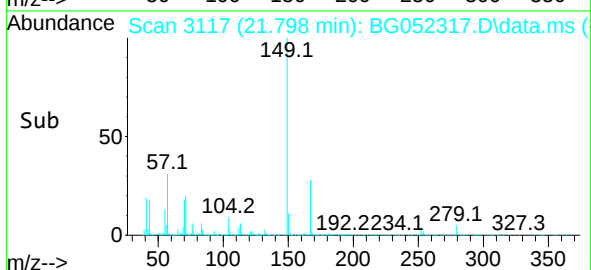
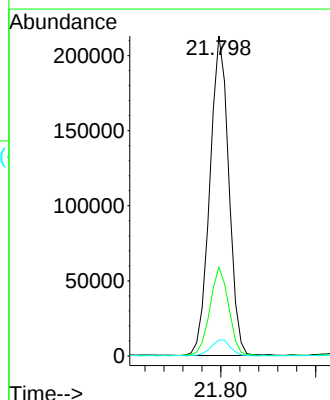
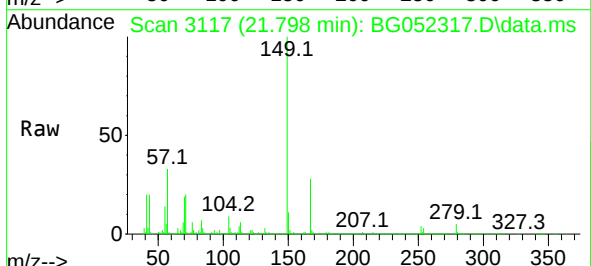
RT: 21.798 min Scan# 3117

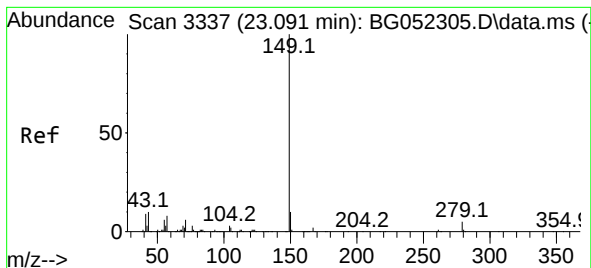
Delta R.T. -0.001 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

Tgt Ion:	149	Resp:	293647
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.4	32.0
279	5.0	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 48.364 ng

RT: 23.096 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG052317.D

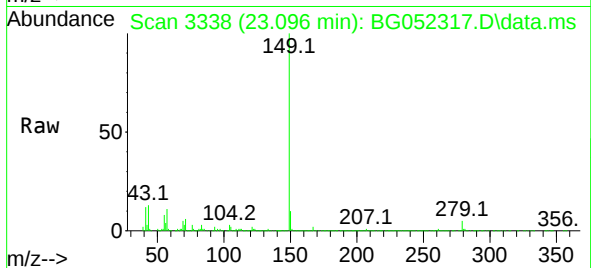
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS



Tgt Ion:149 Resp: 49514

Ion Ratio Lower Upper

149 100

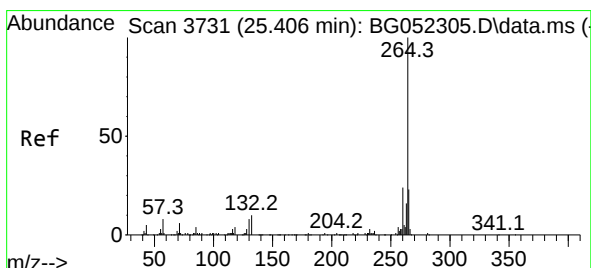
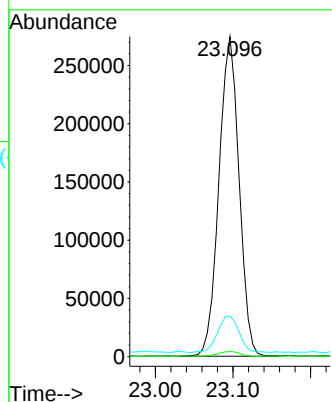
167 1.6 1.4 2.0

43 12.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.417 min Scan# 3733

Delta R.T. 0.011 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

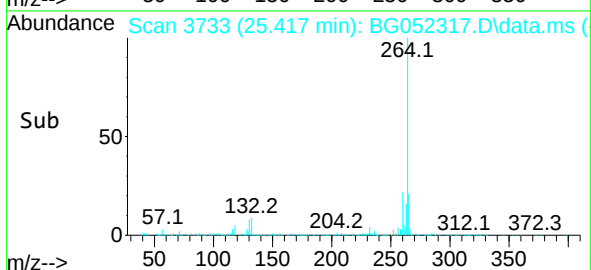
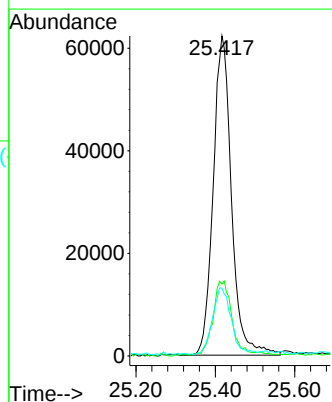
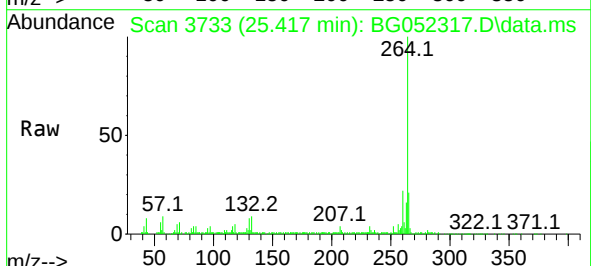
Tgt Ion:264 Resp: 198859

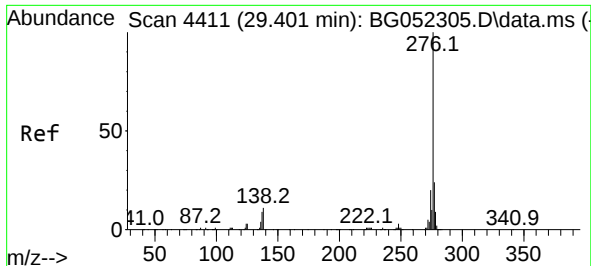
Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 21.2 17.8 26.6





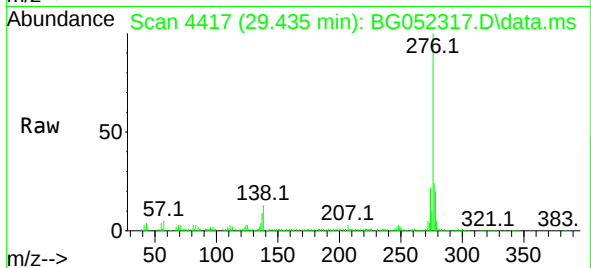
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.311 ng
 RT: 29.435 min Scan# 4411
 Delta R.T. 0.034 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

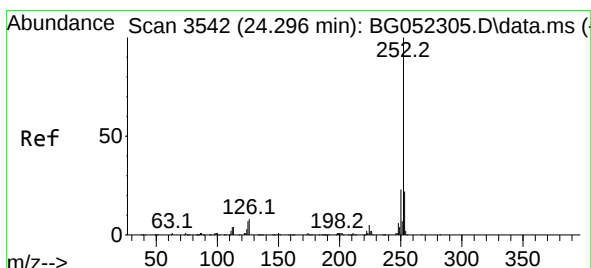
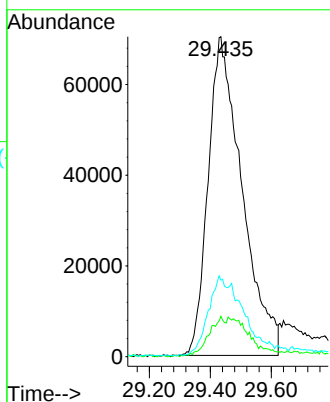
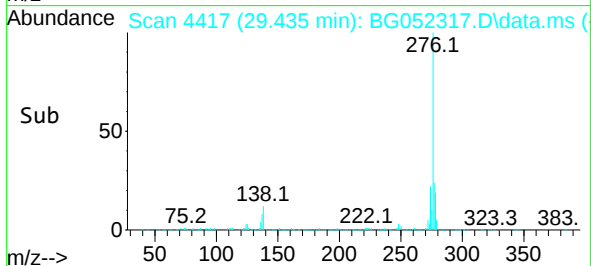


Tgt Ion:276 Resp: 542950
 Ion Ratio Lower Upper
 276 100
 138 6.3 6.1 9.1
 277 13.6 20.2 30.4

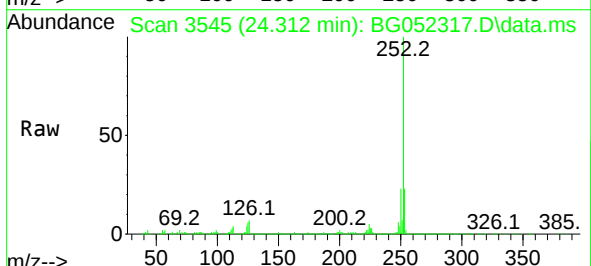
Manual Integrations

APPROVED

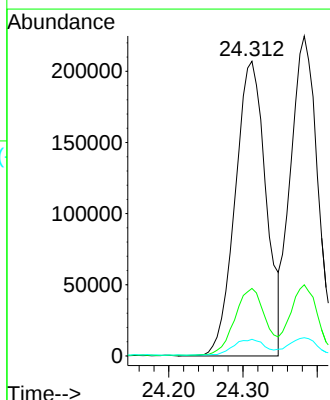
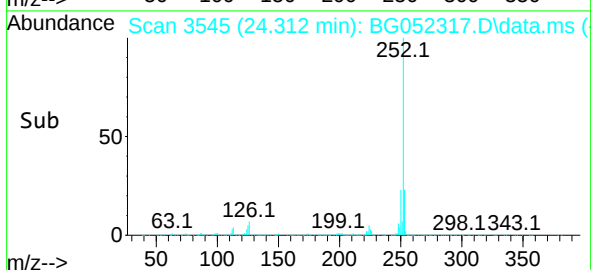
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

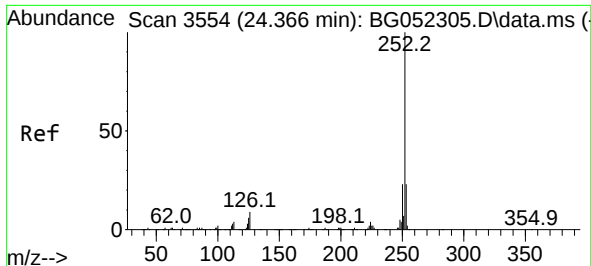


#88
 Benzo(b)fluoranthene
 Concen: 48.321 ng
 RT: 24.312 min Scan# 3545
 Delta R.T. 0.016 min
 Lab File: BG052317.D
 Acq: 8 Feb 2022 13:45



Tgt Ion:252 Resp: 598793
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.3 27.5
 125 5.6 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 46.510 ng
RT: 24.383 min Scan# 30
Delta R.T. 0.016 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

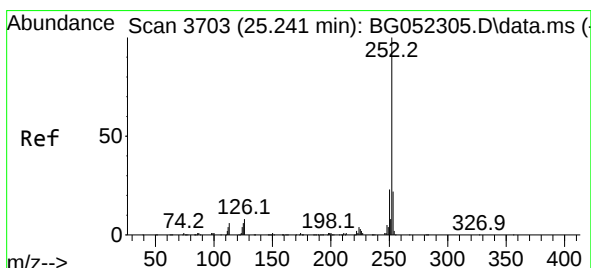
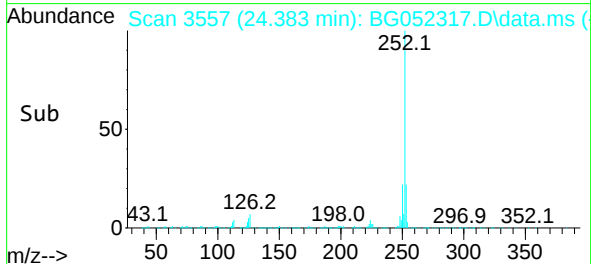
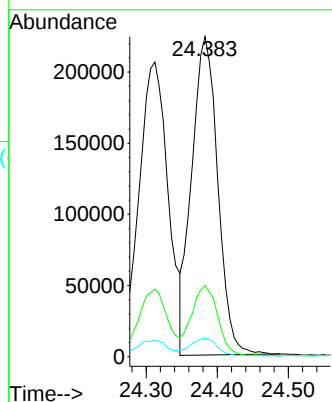
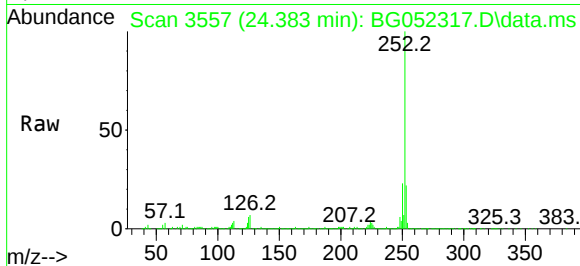
TR-04-020322MS

Tgt Ion:252 Resp: 56936
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 5.7 4.6 7.0

Manual Integrations

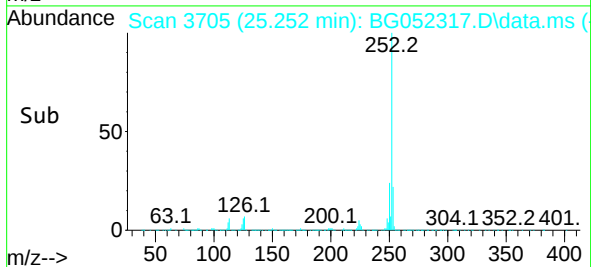
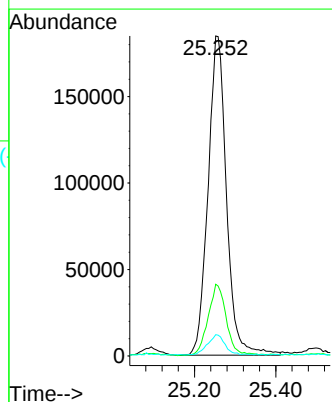
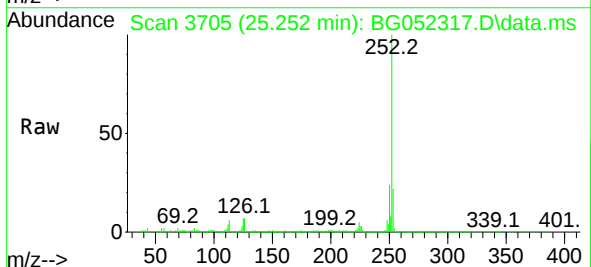
APPROVED

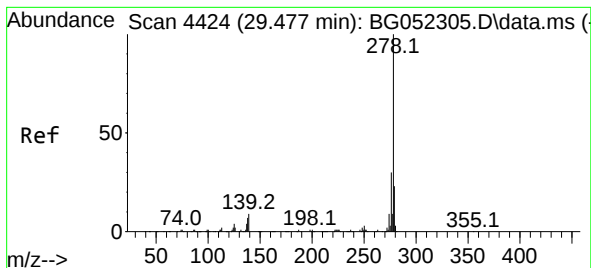
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#90
Benzo(a)pyrene
Concen: 55.509 ng
RT: 25.252 min Scan# 3705
Delta R.T. 0.011 min
Lab File: BG052317.D
Acq: 8 Feb 2022 13:45

Tgt Ion:252 Resp: 581060
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 6.6 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 39.082 ng

RT: 29.499 min Scan# 44

Delta R.T. 0.022 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MS

Tgt Ion:278 Resp: 469809

Ion Ratio Lower Upper

278 100

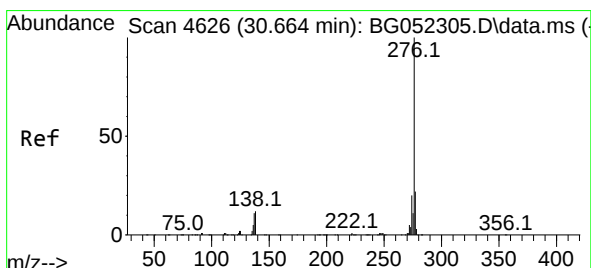
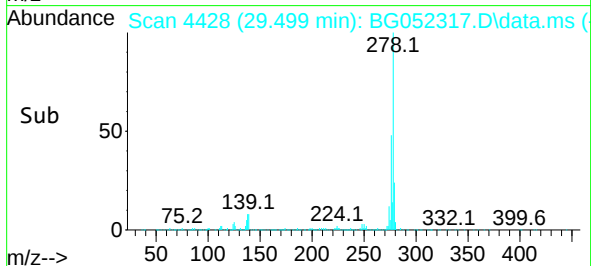
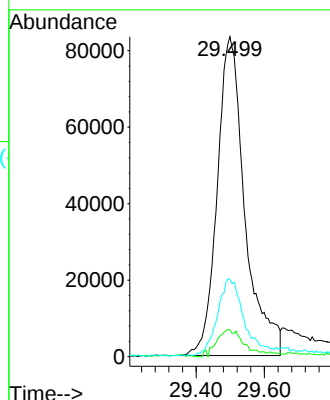
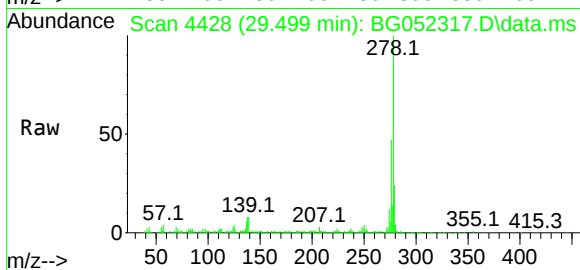
139 8.4 6.4 9.6

279 24.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#92

Benzo(g,h,i)perylene

Concen: 34.259 ng

RT: 30.686 min Scan# 4630

Delta R.T. 0.022 min

Lab File: BG052317.D

Acq: 8 Feb 2022 13:45

Tgt Ion:276 Resp: 404176

Ion Ratio Lower Upper

276 100

277 23.1 18.2 27.2

138 11.2 9.1 13.7

