

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056065.D
 Acq On : 22 Dec 2022 16:55
 Operator : CG/JU
 Sample : PB149663BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149663BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 05:18:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	8701	20.000	ng	0.00
21) Naphthalene-d8	11.188	136	37216	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	36737	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	107434	20.000	ng	# 0.00
76) Chrysene-d12	22.010	240	119215	20.000	ng	0.00
86) Perylene-d12	25.488	264	126104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	58454	157.551	ng	0.00
7) Phenol-d6	7.492	99	74132	155.355	ng	0.00
23) Nitrobenzene-d5	9.531	82	47201	88.631	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	115038	129.863	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	183247	69.957	ng	0.00
79) Terphenyl-d14	20.277	244	517556	76.729	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	4111	38.075	ng	96
3) Pyridine	4.108	79	11759	33.093	ng	93
4) n-Nitrosodimethylamine	4.014	42	12408	38.845	ng	88
6) Aniline	7.668	93	21521	37.669	ng	97
8) 2-Chlorophenol	7.915	128	23604	49.313	ng	88
9) Benzaldehyde	7.480	77	3767	12.570	ng	# 73
10) Phenol	7.521	94	26745	51.211	ng	96
11) bis(2-Chloroethyl)ether	7.756	93	15326	45.053	ng	93
12) 1,3-Dichlorobenzene	8.244	146	25258	40.792	ng	93
13) 1,4-Dichlorobenzene	8.391	146	25621	40.489	ng	100
14) 1,2-Dichlorobenzene	8.714	146	25889	42.809	ng	98
15) Benzyl Alcohol	8.585	79	23458	47.311	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.873	45	22411	50.618	ng	97
17) 2-Methylphenol	8.784	107	20276	49.345	ng	96
18) Hexachloroethane	9.454	117	7971	41.497	ng	# 77
19) n-Nitroso-di-n-propyla...	9.160	70	15246	44.574	ng	92
20) 3+4-Methylphenols	9.113	107	27920	47.615	ng	97
22) Acetophenone	9.184	105	35725	38.724	ng	99
24) Nitrobenzene	9.572	77	25333	47.259	ng	97
25) Isophorone	10.095	82	46063	41.249	ng	98
26) 2-Nitrophenol	10.289	139	15197	47.891	ng	92
27) 2,4-Dimethylphenol	10.330	122	25957m	48.706	ng	
28) bis(2-Chloroethoxy)met...	10.571	93	22988	46.577	ng	96
29) 2,4-Dichlorophenol	10.823	162	32862	43.444	ng	97
30) 1,2,4-Trichlorobenzene	11.047	180	36889	37.515	ng	94
31) Naphthalene	11.240	128	74461	37.919	ng	99
32) Benzoic acid	10.453	122	20536	45.304	ng	89
33) 4-Chloroaniline	11.334	127	22376	26.581	ng	97
34) Hexachlorobutadiene	11.517	225	31855	34.459	ng	96
35) Caprolactam	12.104	113	8920m	42.325	ng	
36) 4-Chloro-3-methylphenol	12.427	107	30827	43.462	ng	91
37) 2-Methylnaphthalene	12.821	142	64296	37.060	ng	98
38) 1-Methylnaphthalene	13.032	142	62158	36.777	ng	98
40) 1,2,4,5-Tetrachloroben...	13.179	216	57463	37.073	ng	98
41) Hexachlorocyclopentadiene	13.156	237	80290	91.308	ng	97
43) 2,4,6-Trichlorophenol	13.408	196	38721	42.202	ng	98

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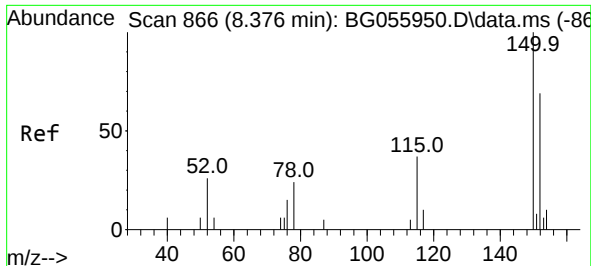
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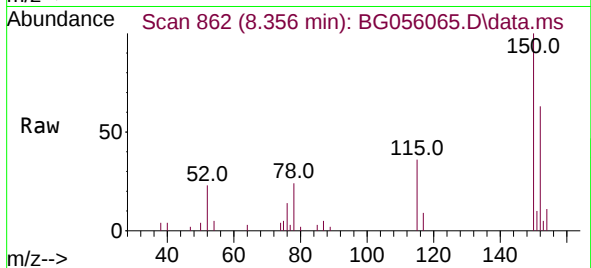
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	42556	41.145	ng	98
46) 1,1'-Biphenyl	13.808	154	95430	38.323	ng	99
47) 2-Chloronaphthalene	13.855	162	75759	37.443	ng	95
48) 2-Nitroaniline	14.043	65	21001	52.380	ng	89
49) Acenaphthylene	14.695	152	120870	37.426	ng	99
50) Dimethylphthalate	14.407	163	117050	36.853	ng	97
51) 2,6-Dinitrotoluene	14.531	165	24862	50.584	ng	90
52) Acenaphthene	15.030	154	100448m	46.329	ng	
53) 3-Nitroaniline	14.860	138	16462	32.928	ng	# 91
54) 2,4-Dinitrophenol	15.065	184	40456	110.720	ng	# 78
55) Dibenzofuran	15.359	168	135319	37.114	ng	99
56) 4-Nitrophenol	15.153	139	38249	95.474	ng	97
57) 2,4-Dinitrotoluene	15.312	165	36224	48.825	ng	# 93
58) Fluorene	16.005	166	108428	36.380	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.576	232	48267	40.849	ng	99
60) Diethylphthalate	15.753	149	111651	35.966	ng	98
61) 4-Chlorophenyl-phenyle...	15.988	204	75479	37.175	ng	100
62) 4-Nitroaniline	16.017	138	23623	43.390	ng	96
63) Azobenzene	16.282	77	69961	37.026	ng	98
65) 4,6-Dinitro-2-methylph...	16.070	198	26333	51.310	ng	84
66) n-Nitrosodiphenylamine	16.199	169	103794	36.867	ng	99
67) 4-Bromophenyl-phenylether	16.881	248	57176	36.320	ng	98
68) Hexachlorobenzene	17.010	284	69357	35.768	ng	98
69) Atrazine	17.133	200	44683	35.052	ng	99
70) Pentachlorophenol	17.345	266	92974	83.870	ng	97
71) Phenanthrene	17.745	178	206157	36.617	ng	99
72) Anthracene	17.839	178	207076	37.177	ng	100
73) Carbazole	18.097	167	174108	37.900	ng	98
74) Di-n-butylphthalate	18.632	149	195039	36.508	ng	99
75) Fluoranthene	19.730	202	278844	35.369	ng	100
77) Benzidine	19.901	184	77958	37.236	ng	100
78) Pyrene	20.095	202	281309	38.996	ng	99
80) Butylbenzylphthalate	20.958	149	81818	40.026	ng	99
81) Benzo(a)anthracene	21.987	228	310830	37.052	ng	99
82) 3,3'-Dichlorobenzidine	21.887	252	115496	38.266	ng	95
83) Chrysene	22.057	228	291415	37.065	ng	99
84) Bis(2-ethylhexyl)phtha...	21.857	149	118069	38.878	ng	97
85) Di-n-octyl phthalate	23.156	149	197386	38.316	ng	99
87) Indeno(1,2,3-cd)pyrene	29.507	276	388498	38.312	ng	# 99
88) Benzo(b)fluoranthene	24.378	252	343758	42.121	ng	99
89) Benzo(k)fluoranthene	24.448	252	331191	40.674	ng	99
90) Benzo(a)pyrene	25.324	252	298965	43.337	ng	98
91) Dibenzo(a,h)anthracene	29.578	278	339743	40.029	ng	98
92) Benzo(g,h,i)perylene	30.776	276	327618	39.923	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

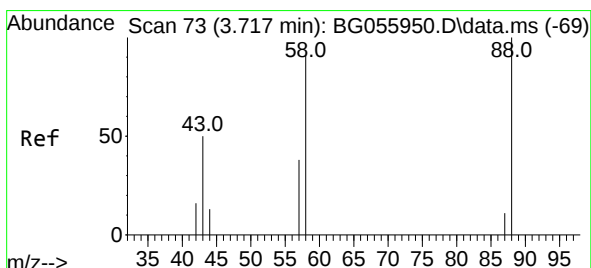
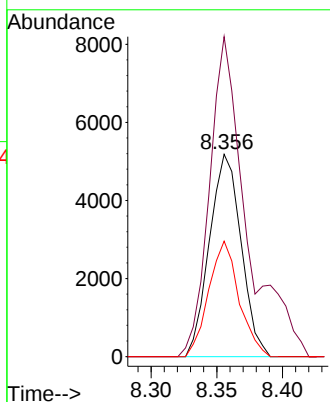
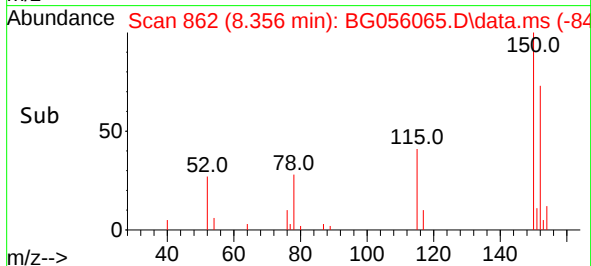
Instrument :
BNA_G
ClientSampleId :
PB149663BS



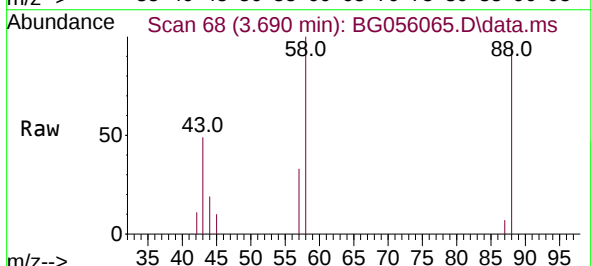
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Ion Ratio Lower Upper
152 100
150 158.1 115.7 173.5
115 57.1 43.0 64.4

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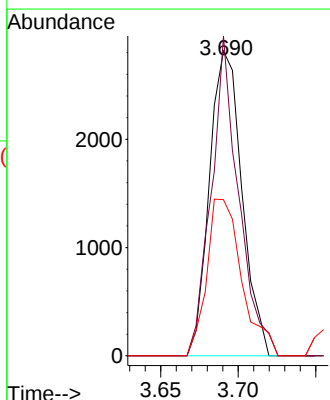
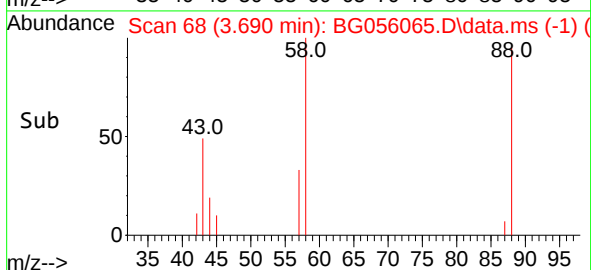
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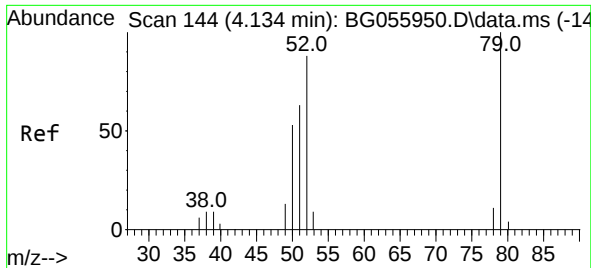


#2
1,4-Dioxane
Concen: 38.075 ng
RT: 3.690 min Scan# 68
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion: 88 Resp: 4111
Ion Ratio Lower Upper
88 100
58 88.6 67.0 100.4
43 55.5 45.7 68.5





#3
Pyridine
Concen: 33.093 ng
RT: 4.108 min Scan# 1175
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

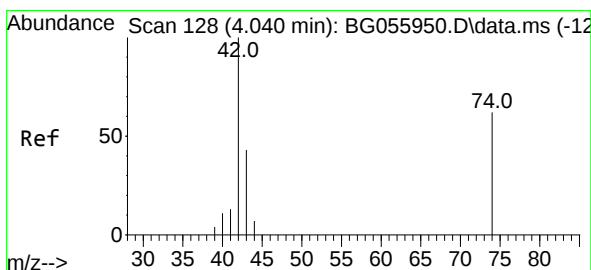
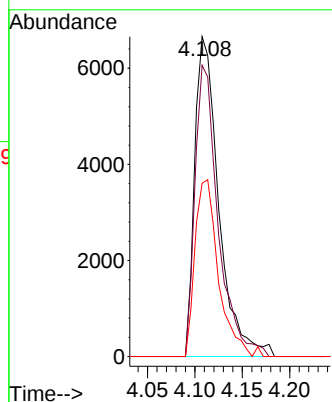
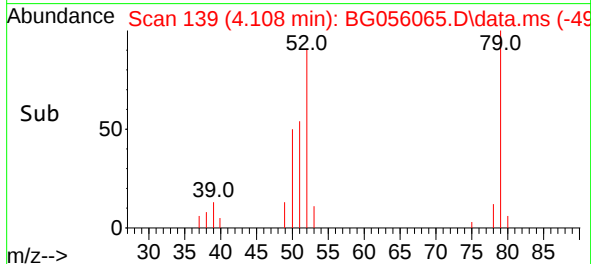
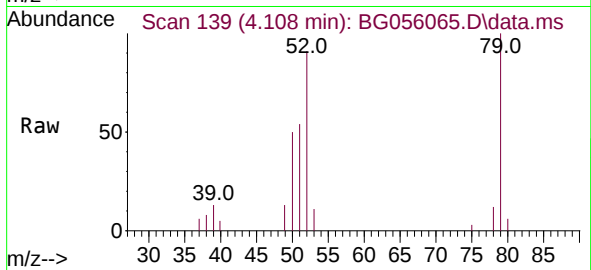
ClientSampleId :

PB149663BS

Tgt Ion: 79 Resp: 1175
Ion Ratio Lower Upper
79 100
52 91.0 70.3 105.5
51 54.2 50.6 76.0

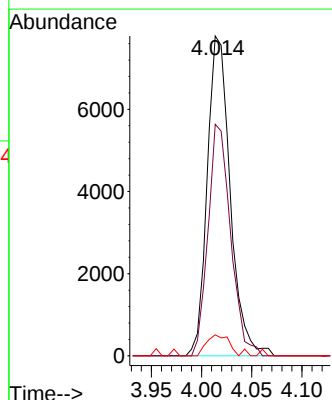
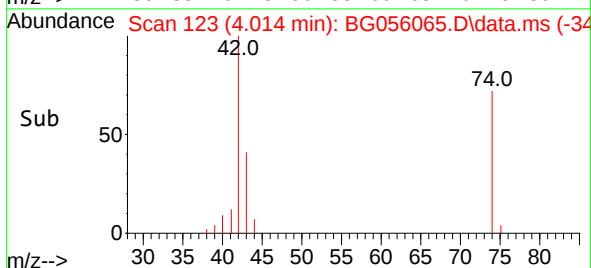
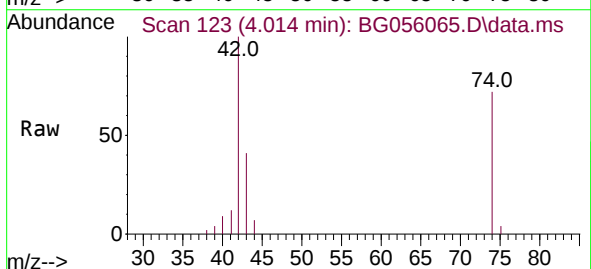
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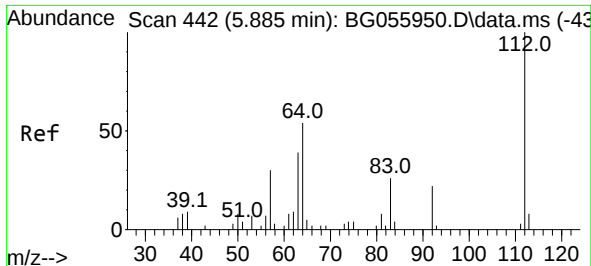
Reviewed By :Christian Giraldo 12/23/2022
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#4
n-Nitrosodimethylamine
Concen: 38.845 ng
RT: 4.014 min Scan# 123
Delta R.T. -0.009 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion: 42 Resp: 12408
Ion Ratio Lower Upper
42 100
74 72.4 49.8 74.6
44 6.6 5.2 7.8





#5
2-Fluorophenol
Concen: 157.551 ng
RT: 5.876 min Scan# 44
Delta R.T. 0.008 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

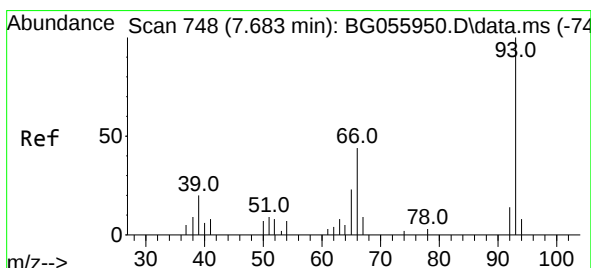
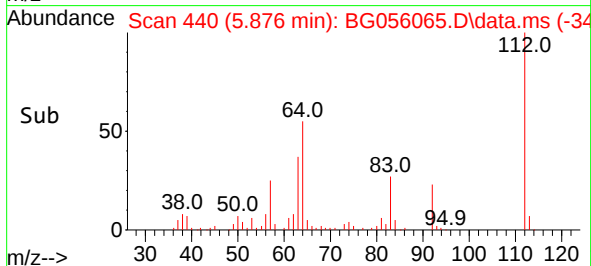
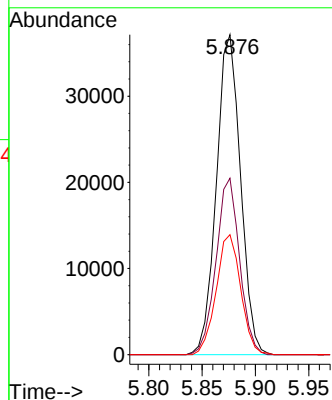
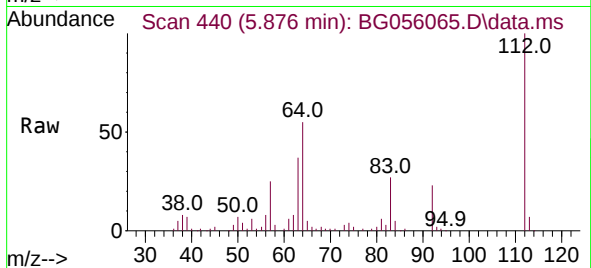
PB149663BS

Tgt Ion:112 Resp: 58454
Ion Ratio Lower Upper
112 100
64 55.1 43.0 64.4
63 37.5 31.4 47.2

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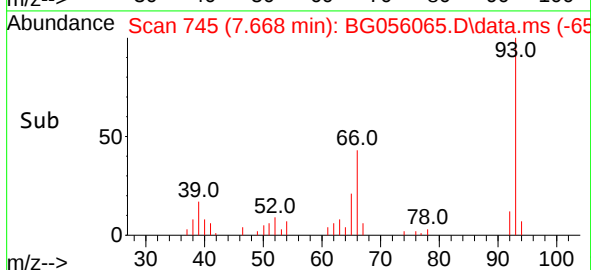
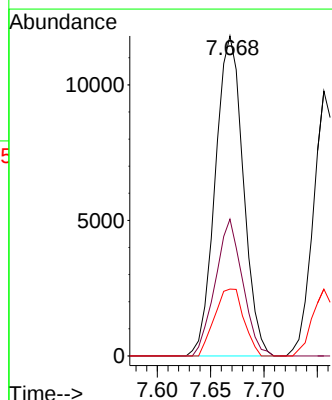
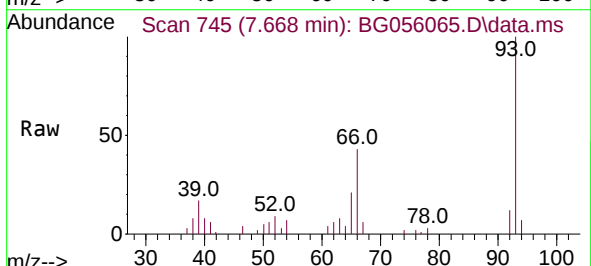
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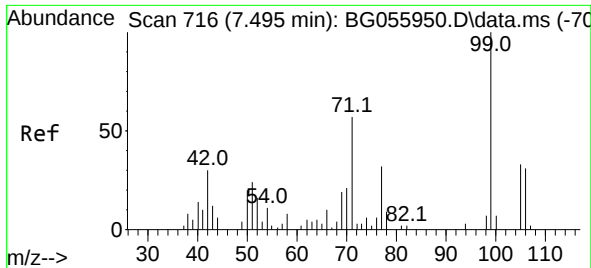
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#6
Aniline
Concen: 37.669 ng
RT: 7.668 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion: 93 Resp: 21521
Ion Ratio Lower Upper
93 100
66 42.8 35.5 53.3
65 20.9 18.2 27.2





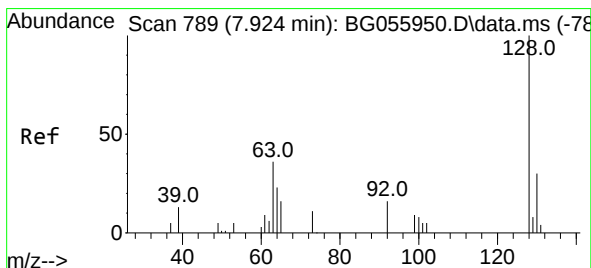
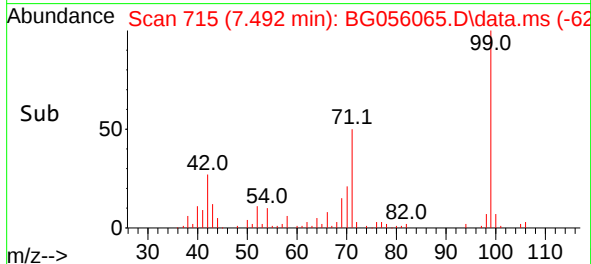
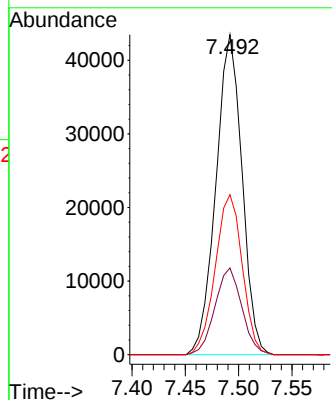
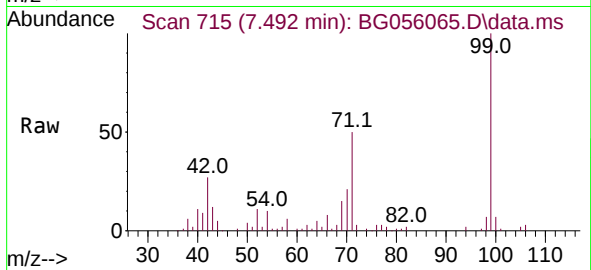
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Phenol-d6
Concen: 155.355 ng
RT: 7.492 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 74132
Ion Ratio Lower Upper
99 100
42 27.1 24.3 36.5
71 50.0 45.6 68.4

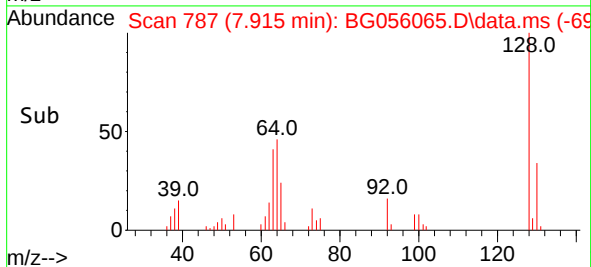
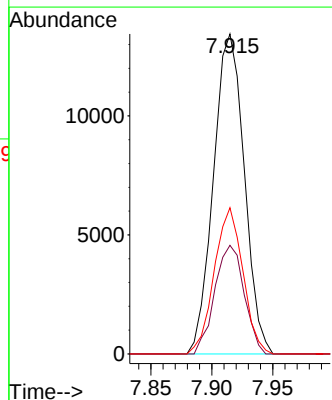
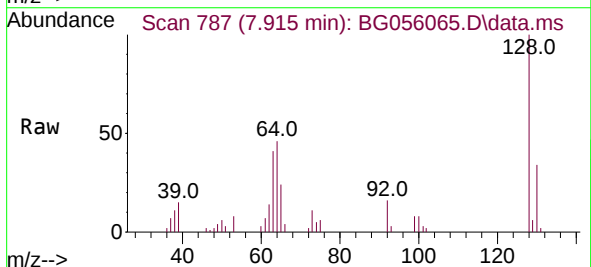
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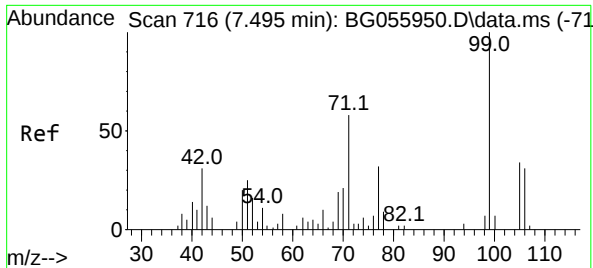
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#8
2-Chlorophenol
Concen: 49.313 ng
RT: 7.915 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:128 Resp: 23604
Ion Ratio Lower Upper
128 100
130 33.9 9.9 49.9
64 45.7 16.7 56.7





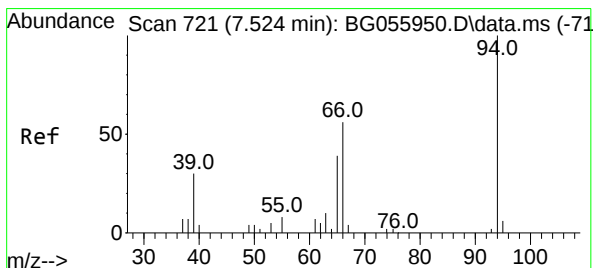
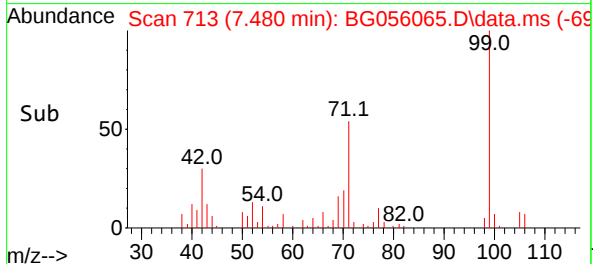
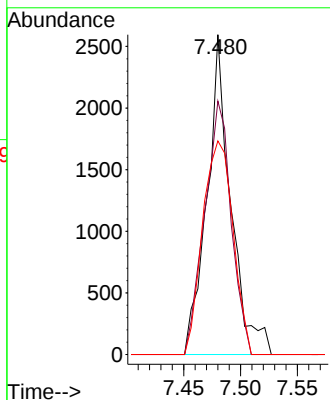
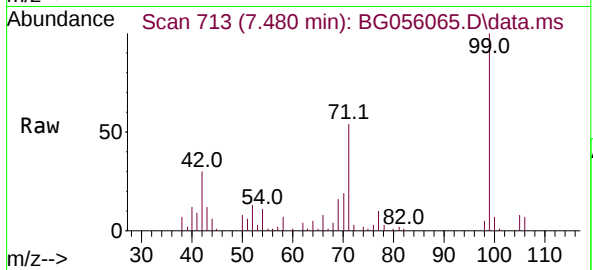
#9
Benzaldehyde
Concen: 12.570 ng
RT: 7.480 min Scan# 716
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion: 77 Resp: 376
Ion Ratio Lower Upper
77 100
105 79.2 83.1 123.1
106 66.8 76.3 116.3

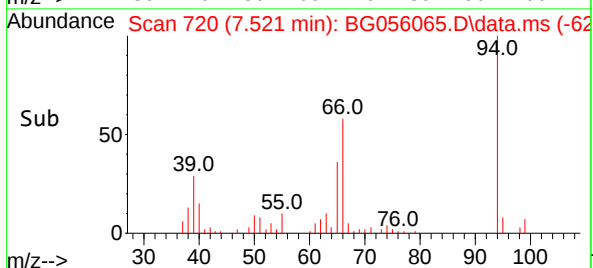
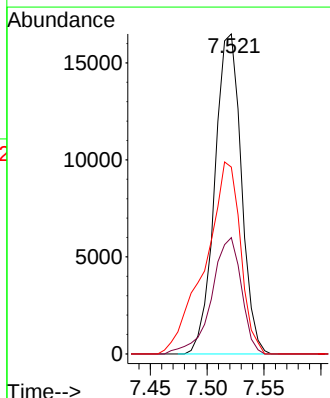
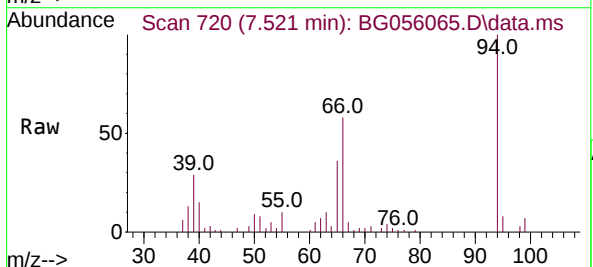
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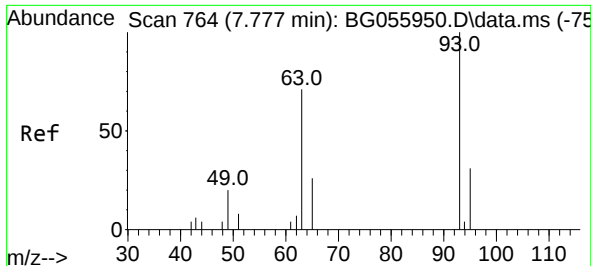
Reviewed By :Christian Giraldo 12/23/2022
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#10
Phenol
Concen: 51.211 ng
RT: 7.521 min Scan# 720
Delta R.T. 0.008 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion: 94 Resp: 26745
Ion Ratio Lower Upper
94 100
65 36.3 18.9 58.9
66 58.4 41.5 81.5





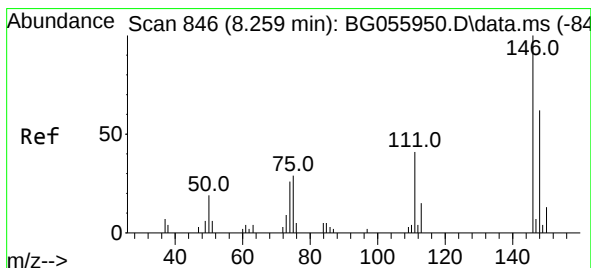
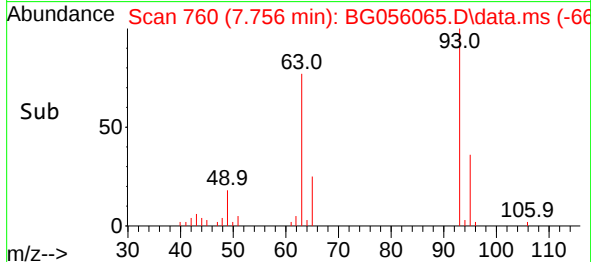
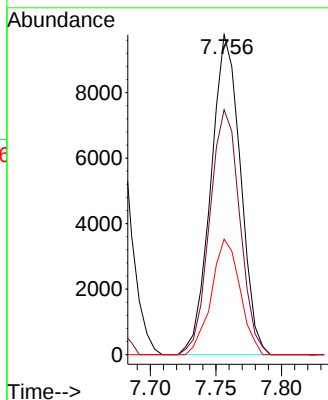
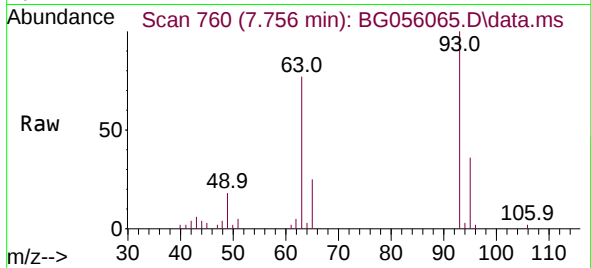
#11
bis(2-Chloroethyl)ether
Concen: 45.053 ng
RT: 7.756 min Scan# 760
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion: 93 Resp: 15326
Ion Ratio Lower Upper
93 100
63 76.5 51.4 91.4
95 36.1 11.3 51.3

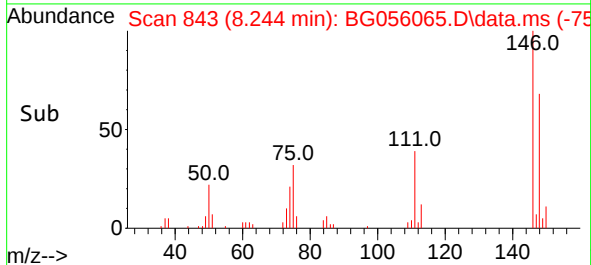
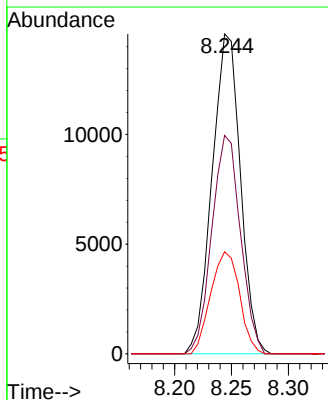
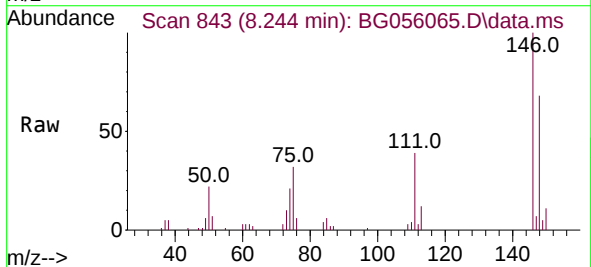
Manual Integrations
APPROVED

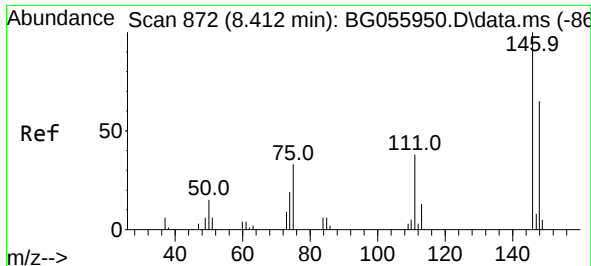
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
1,3-Dichlorobenzene
Concen: 40.792 ng
RT: 8.244 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:146 Resp: 25258
Ion Ratio Lower Upper
146 100
148 68.3 49.7 74.5
75 31.9 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 40.489 ng

RT: 8.391 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG056065.D

Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

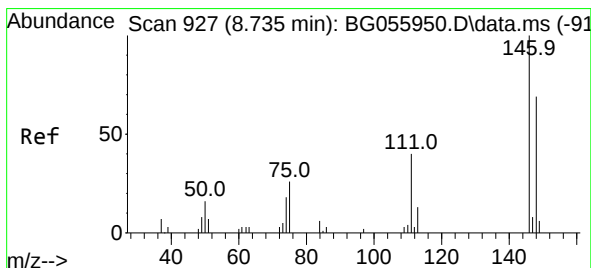
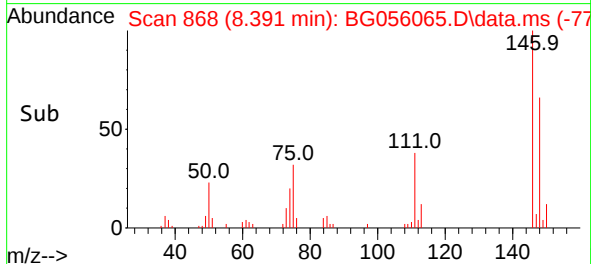
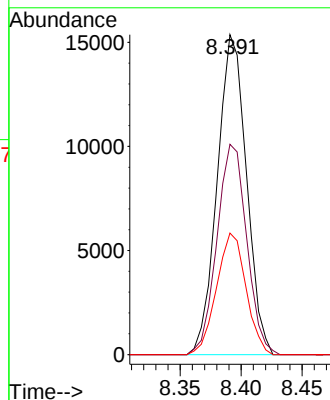
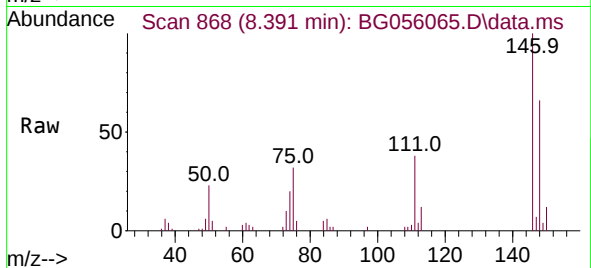
PB149663BS

Tgt Ion:	146	Resp:	2562
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.4	78.6
111	38.0	30.6	46.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#14

1,2-Dichlorobenzene

Concen: 42.809 ng

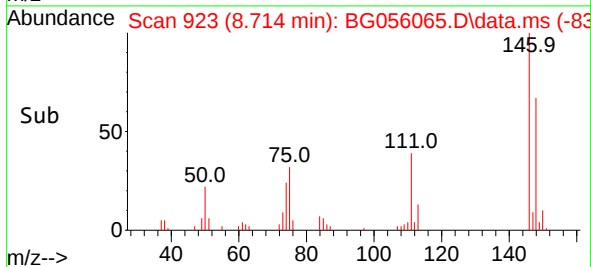
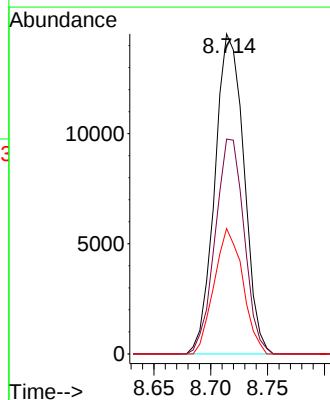
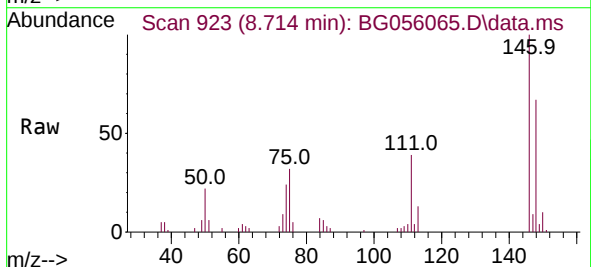
RT: 8.714 min Scan# 923

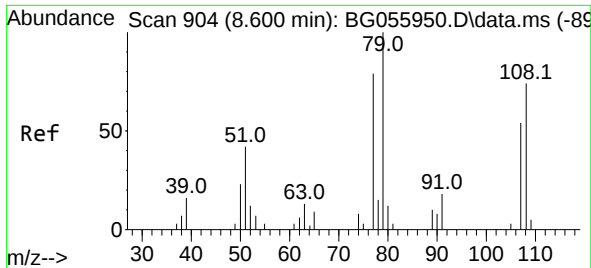
Delta R.T. -0.003 min

Lab File: BG056065.D

Acq: 22 Dec 2022 16:55

Tgt Ion:	146	Resp:	25889
Ion Ratio	Lower	Upper	
146	100		
148	67.1	55.1	82.7
111	39.2	32.4	48.6





#15
Benzyl Alcohol
Concen: 47.311 ng
RT: 8.585 min Scan# 904
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

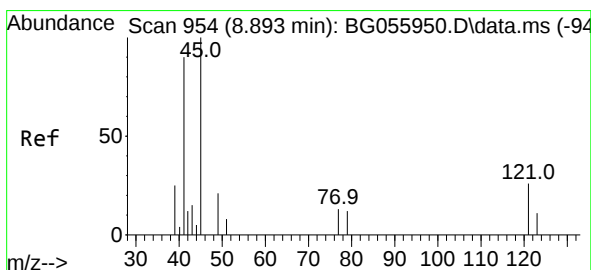
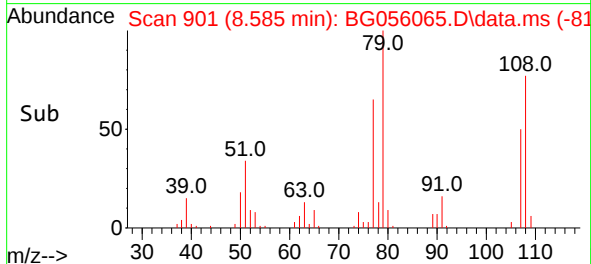
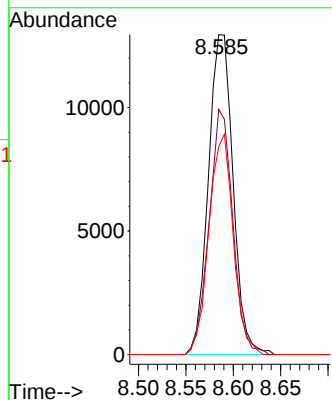
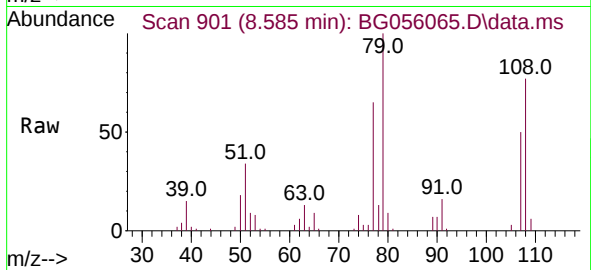
ClientSampleId :

PB149663BS

Tgt Ion: 79 Resp: 23458
Ion Ratio Lower Upper
79 100
108 76.6 59.5 89.3
77 65.0 63.0 94.6

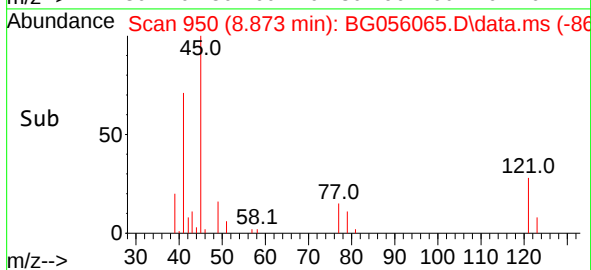
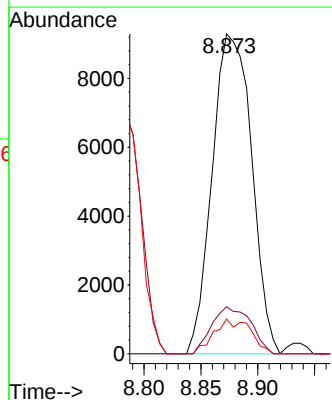
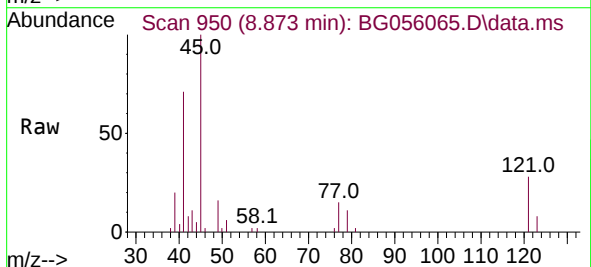
Manual Integrations
APPROVED

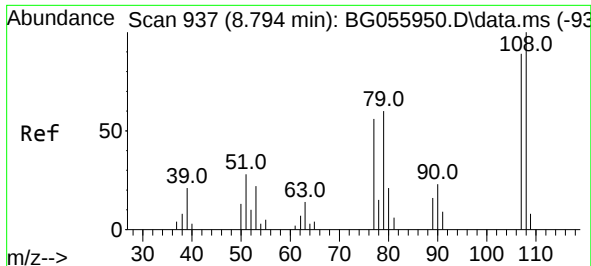
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.618 ng
RT: 8.873 min Scan# 950
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion: 45 Resp: 22411
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.4
79 10.9 0.0 31.8





#17
2-Methylphenol
Concen: 49.345 ng
RT: 8.784 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

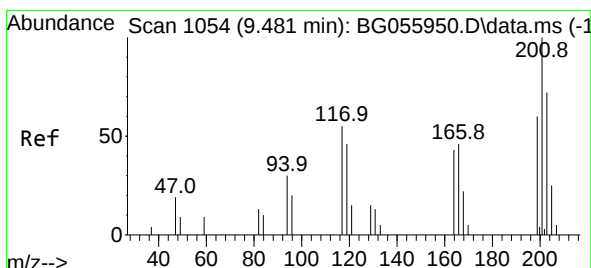
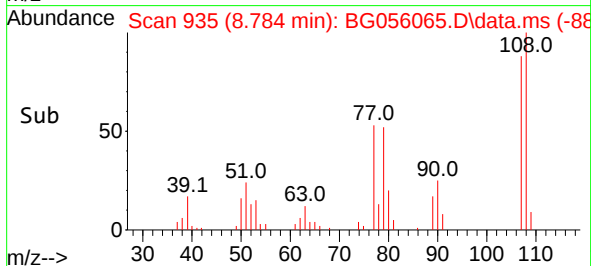
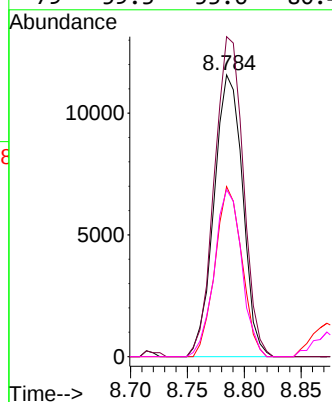
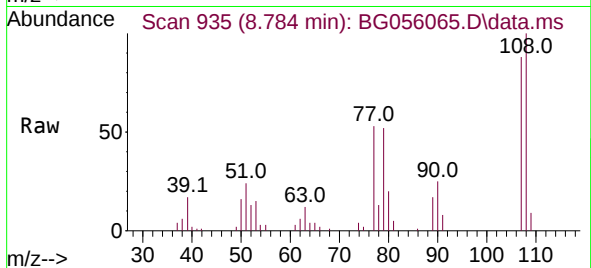
PB149663BS

Tgt Ion:107 Resp: 20276
Ion Ratio Lower Upper
107 100
108 113.6 89.8 134.8
77 60.4 50.2 75.2
79 59.3 53.6 80.4

Manual Integrations

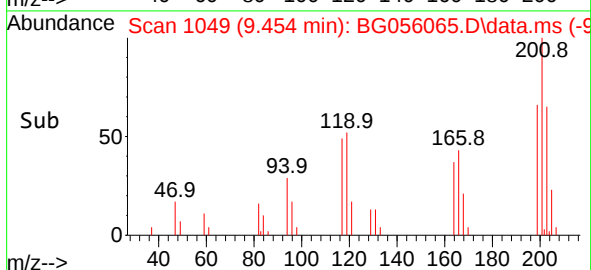
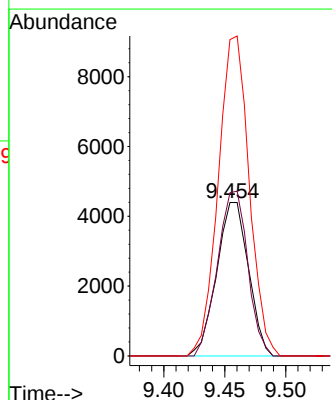
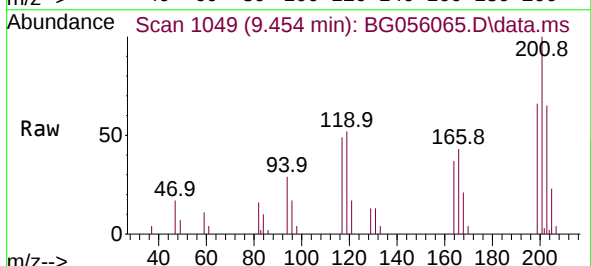
APPROVED

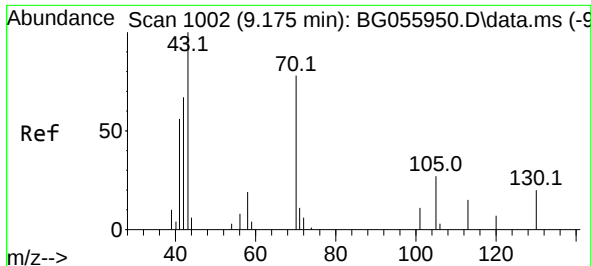
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#18
Hexachloroethane
Concen: 41.497 ng
RT: 9.454 min Scan# 1049
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:117 Resp: 7971
Ion Ratio Lower Upper
117 100
119 106.3 66.8 100.2#
201 211.7 144.6 217.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.574 ng
RT: 9.160 min Scan# 991
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

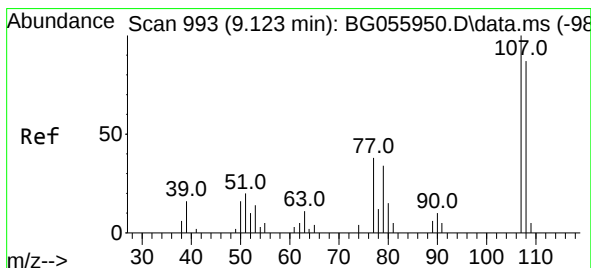
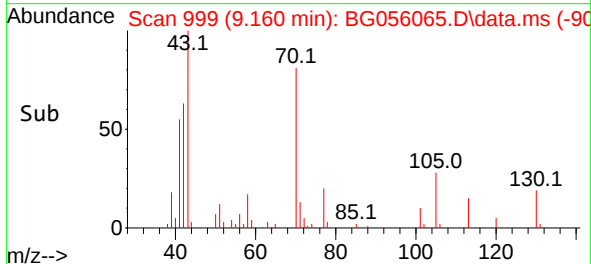
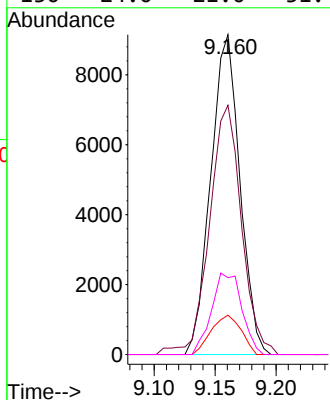
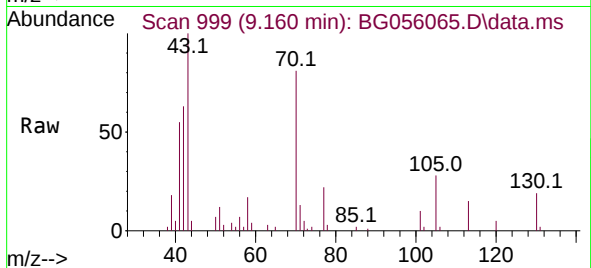
PB149663BS

Tgt Ion: 70 Resp: 15246
Ion Ratio Lower Upper
70 100
42 77.9 69.0 103.4
101 12.3 11.8 17.8
130 24.0 21.0 31.4

Manual Integrations

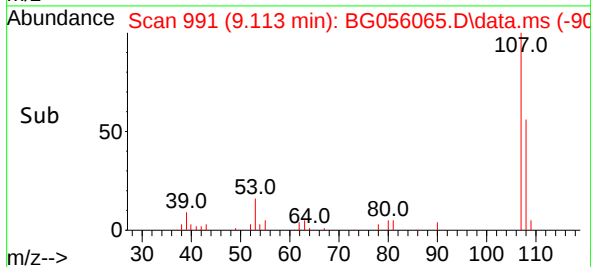
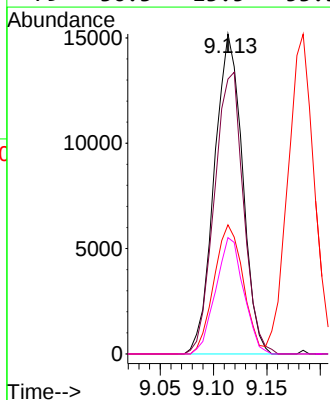
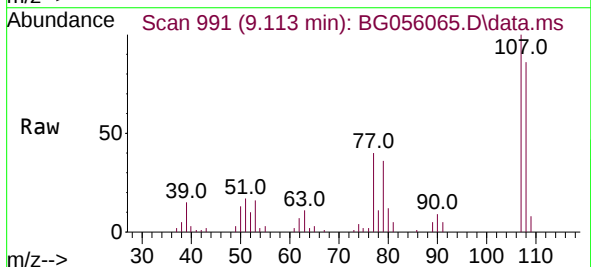
APPROVED

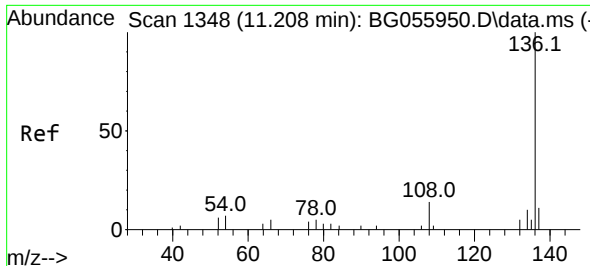
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#20
3+4-Methylphenols
Concen: 47.615 ng
RT: 9.113 min Scan# 991
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:107 Resp: 27920
Ion Ratio Lower Upper
107 100
108 85.9 67.0 107.0
77 40.3 18.3 58.3
79 36.3 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

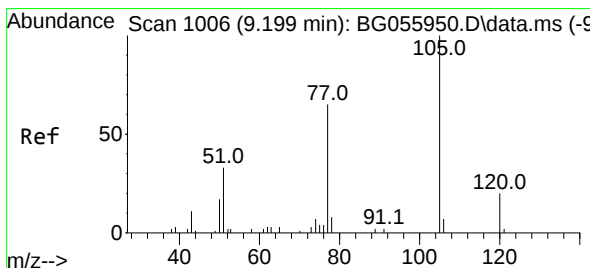
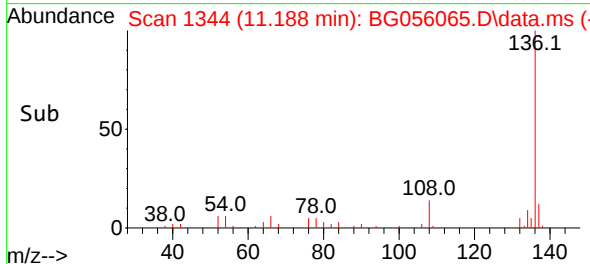
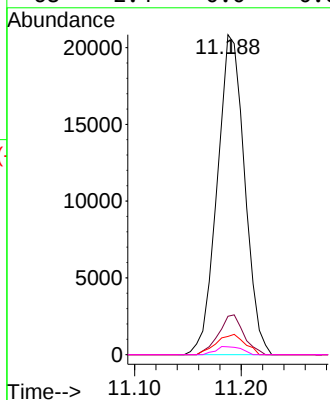
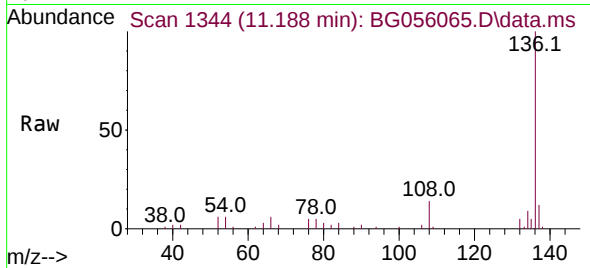
ClientSampleId :

PB149663BS

Tgt Ion:136 Resp: 37216
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 5.7 5.6 8.4
68 2.4 0.0 0.0#

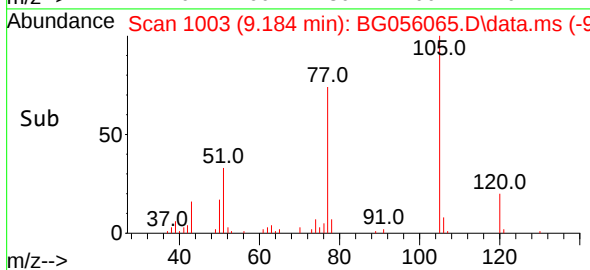
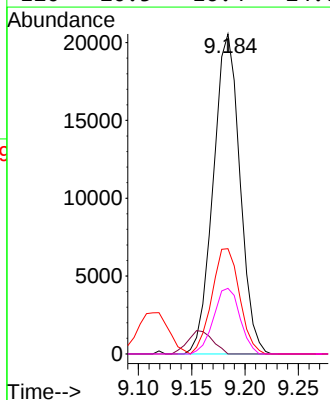
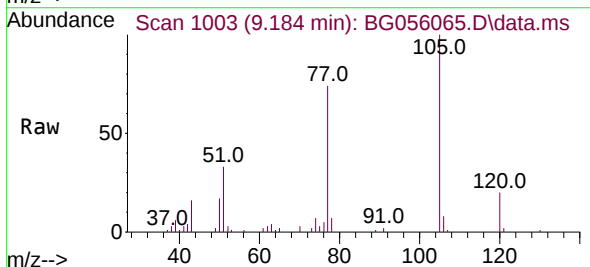
Manual Integrations
APPROVED

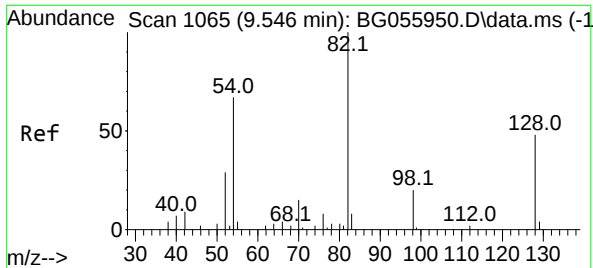
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#22
Acetophenone
Concen: 38.724 ng
RT: 9.184 min Scan# 1003
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:105 Resp: 35725
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 32.9 26.7 40.1
120 20.5 16.4 24.6





#23

Nitrobenzene-d5

Concen: 88.631 ng

RT: 9.531 min Scan# 1062

Delta R.T. 0.003 min

Lab File: BG056065.D

Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

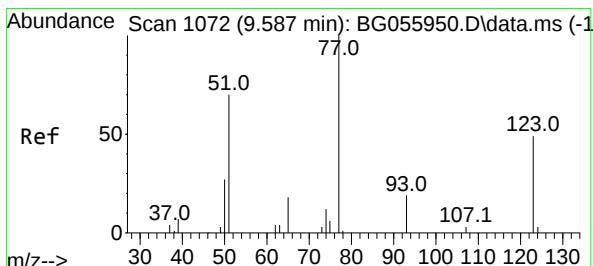
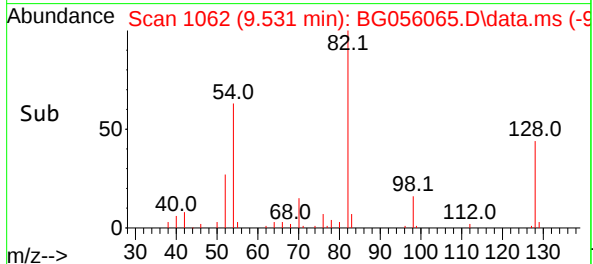
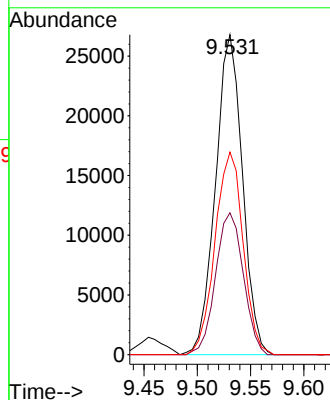
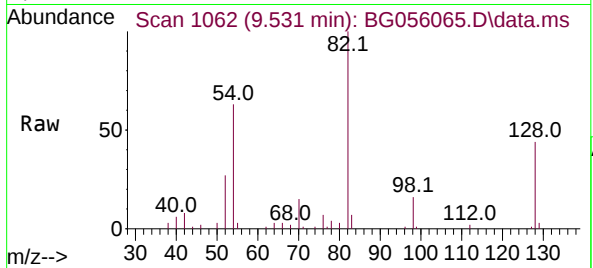
PB149663BS

Tgt Ion: 82	Resp: 4720
Ion Ratio	Lower Upper
82	100
128	44.3 38.4 57.6
54	63.3 53.3 79.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#24

Nitrobenzene

Concen: 47.259 ng

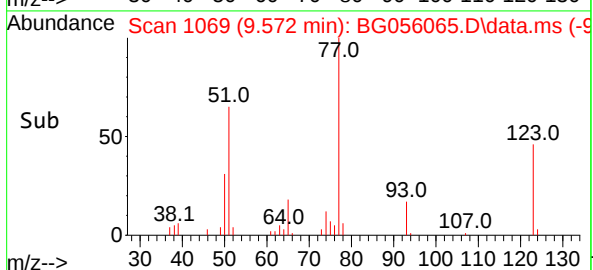
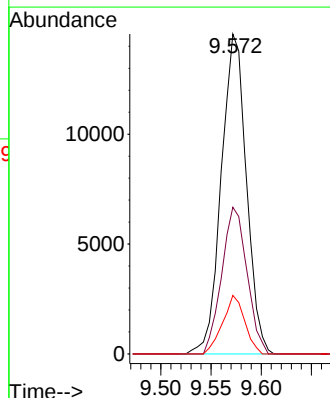
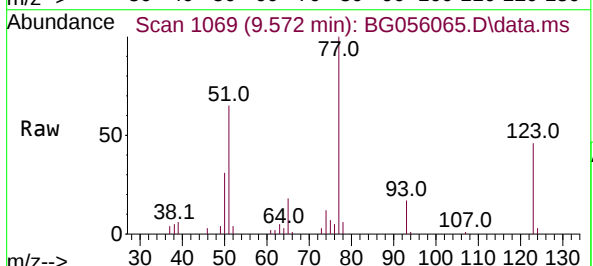
RT: 9.572 min Scan# 1069

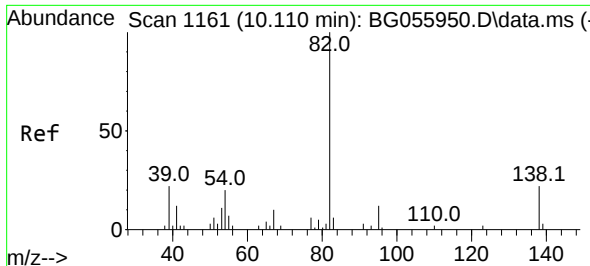
Delta R.T. -0.003 min

Lab File: BG056065.D

Acq: 22 Dec 2022 16:55

Tgt Ion: 77	Resp: 25333
Ion Ratio	Lower Upper
77	100
123	45.8 38.9 58.3
65	18.3 14.7 22.1





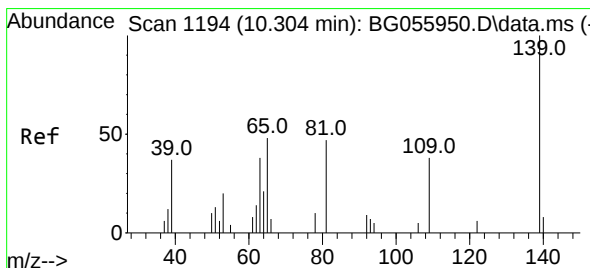
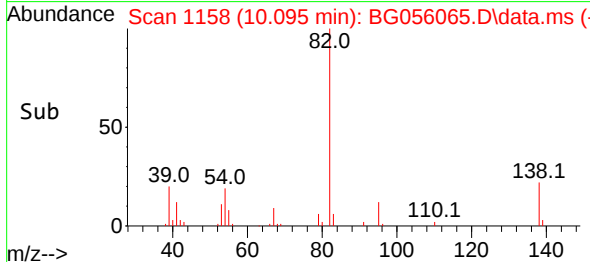
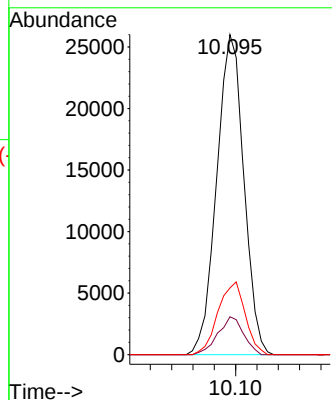
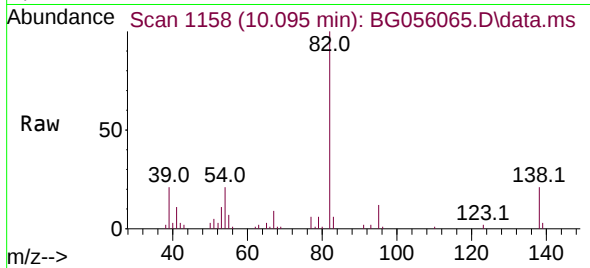
#25
Isophorone
Concen: 41.249 ng
RT: 10.095 min Scan# 1161
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion: 82 Resp: 46063
Ion Ratio Lower Upper
82 100
95 11.8 9.4 14.0
138 20.8 17.7 26.5

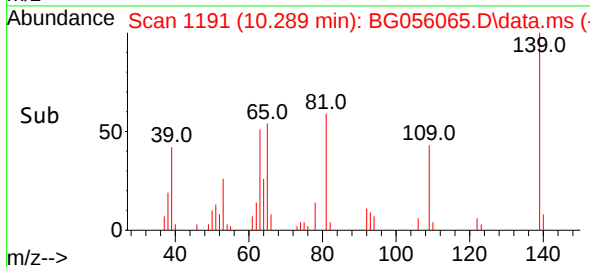
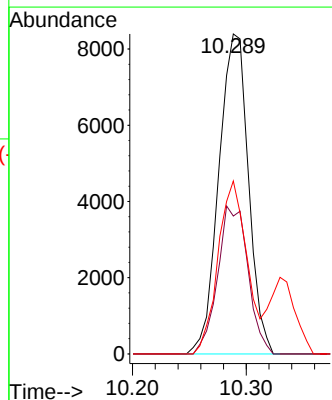
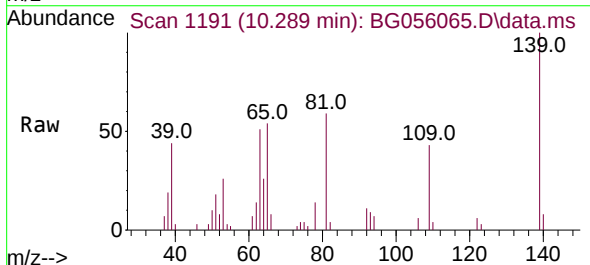
Manual Integrations
APPROVED

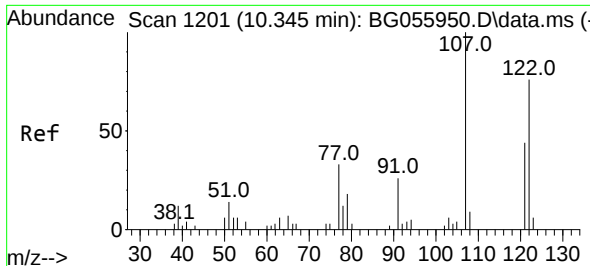
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
2-Nitrophenol
Concen: 47.891 ng
RT: 10.289 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:139 Resp: 15197
Ion Ratio Lower Upper
139 100
109 43.1 30.7 46.1
65 54.0 38.8 58.2





#27

2,4-Dimethylphenol

Concen: 48.706 ng m

RT: 10.330 min Scan# 1198

Delta R.T. -0.003 min

Lab File: BG056065.D

Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

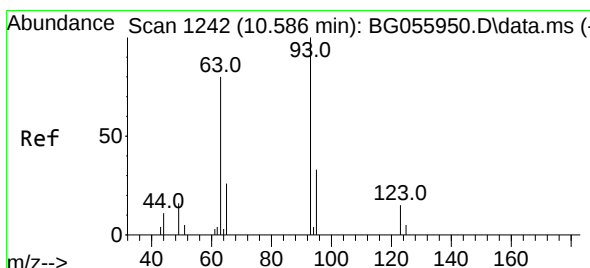
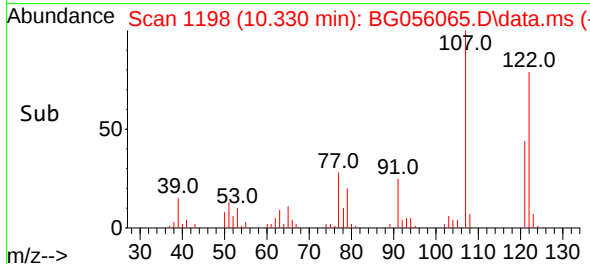
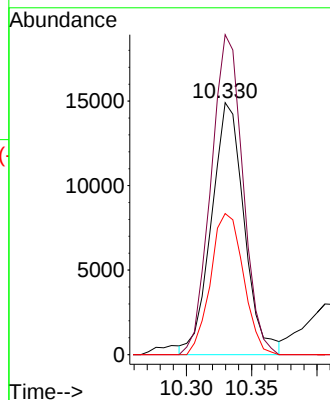
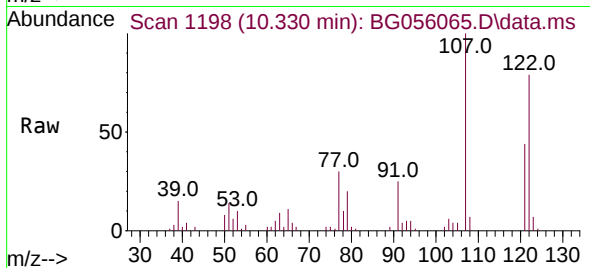
PB149663BS

Tgt Ion:122 Resp: 25952
 Ion Ratio Lower Upper
 122 100
 107 127.0 105.9 158.9
 121 56.0 46.1 69.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.577 ng

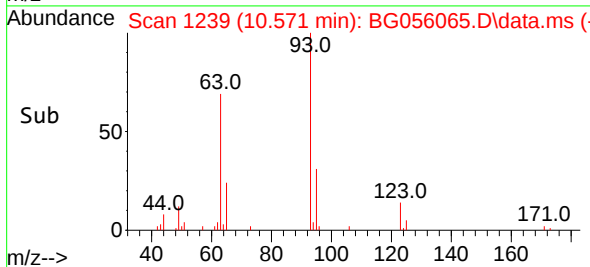
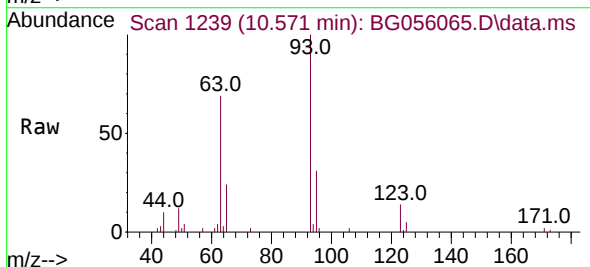
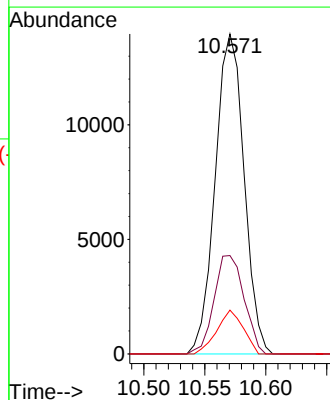
RT: 10.571 min Scan# 1239

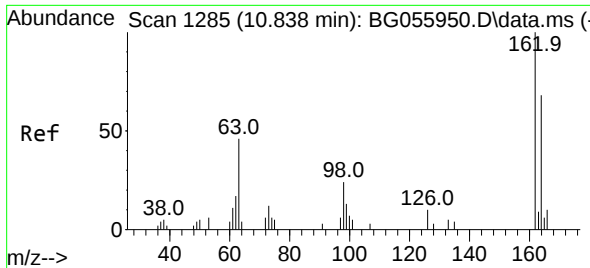
Delta R.T. 0.002 min

Lab File: BG056065.D

Acq: 22 Dec 2022 16:55

Tgt Ion: 93 Resp: 22988
 Ion Ratio Lower Upper
 93 100
 95 30.7 26.3 39.5
 123 13.7 12.2 18.2





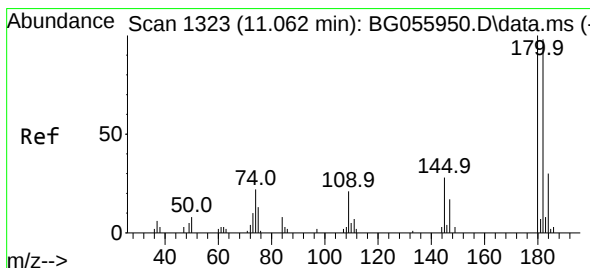
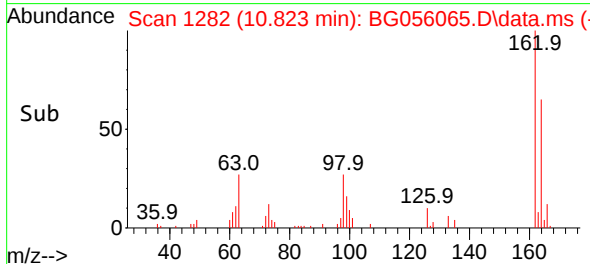
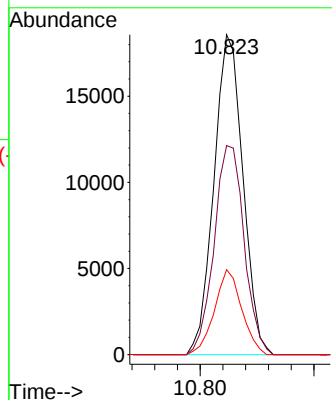
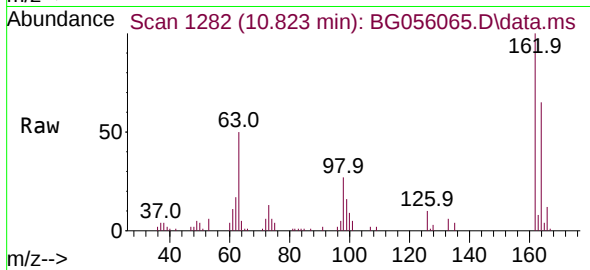
#29
2,4-Dichlorophenol
Concen: 43.444 ng
RT: 10.823 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion:162 Resp: 32862
Ion Ratio Lower Upper
162 100
164 65.3 47.5 87.5
98 26.6 4.3 44.3

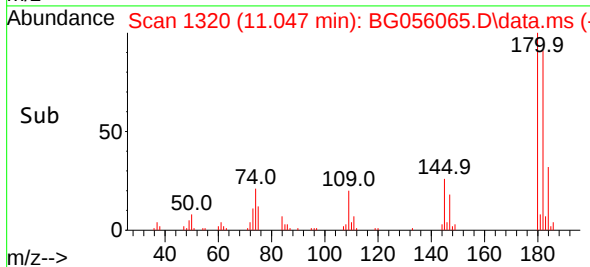
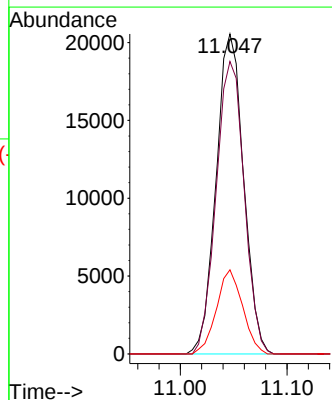
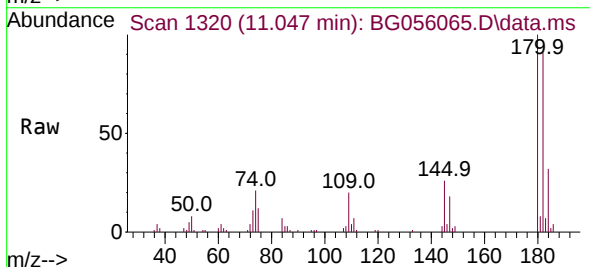
Manual Integrations
APPROVED

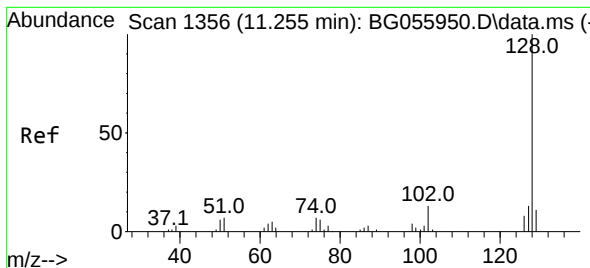
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#30
1,2,4-Trichlorobenzene
Concen: 37.515 ng
RT: 11.047 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:180 Resp: 36889
Ion Ratio Lower Upper
180 100
182 91.4 78.1 117.1
145 26.3 22.4 33.6





#31

Naphthalene

Concen: 37.919 ng

RT: 11.240 min Scan# 1353

Delta R.T. -0.003 min

Lab File: BG056065.D

Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

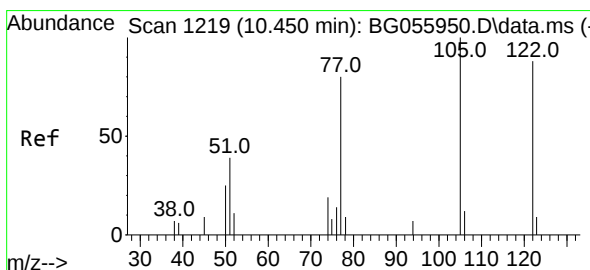
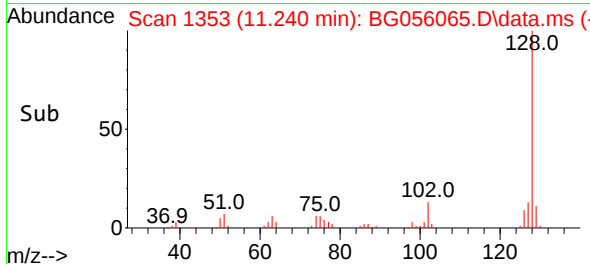
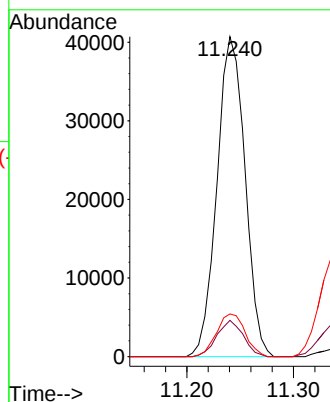
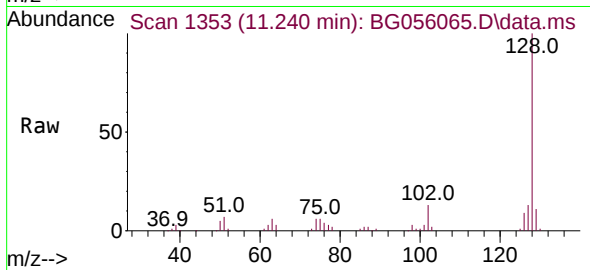
PB149663BS

Tgt Ion:128	Resp:	7446
Ion Ratio	Lower	Upper
128	100	
129	11.3	8.7 13.1
127	13.3	10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#32

Benzoic acid

Concen: 45.304 ng

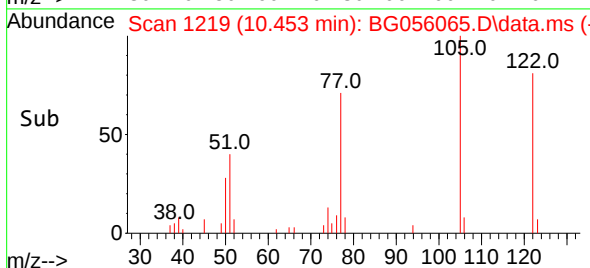
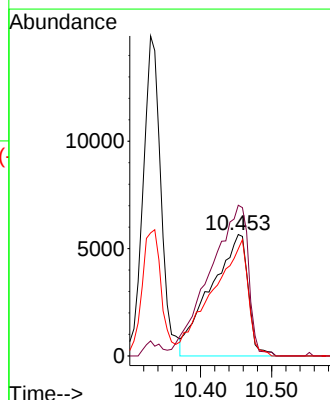
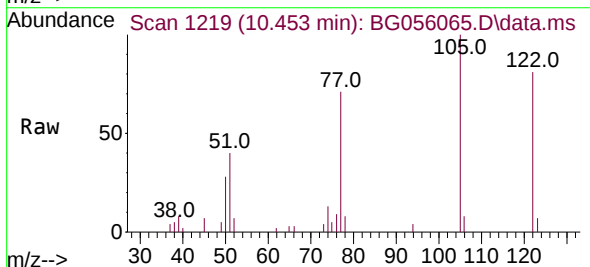
RT: 10.453 min Scan# 1219

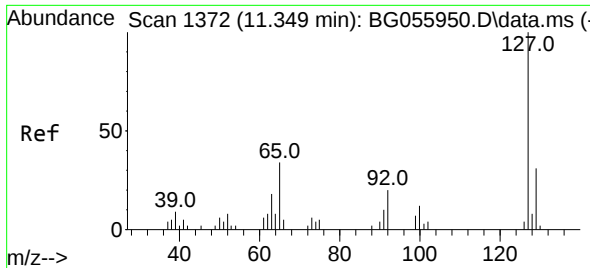
Delta R.T. 0.003 min

Lab File: BG056065.D

Acq: 22 Dec 2022 16:55

Tgt Ion:122	Resp:	20536
Ion Ratio	Lower	Upper
122	100	
105	124.2	90.6 130.6
77	88.2	61.0 101.0





#33
4-Chloroaniline
Concen: 26.581 ng
RT: 11.334 min Scan# 1372
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

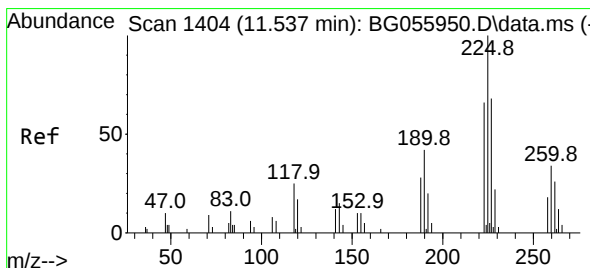
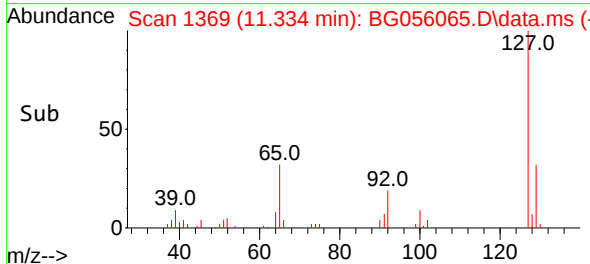
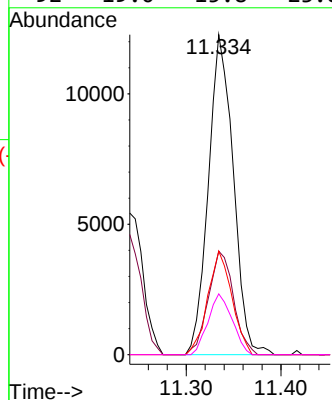
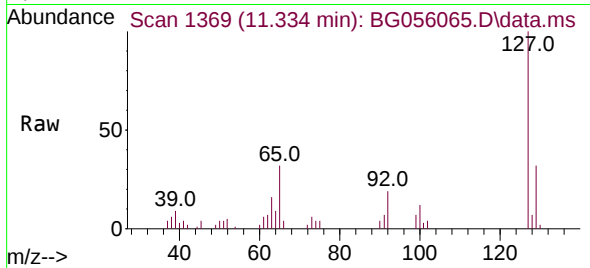
PB149663BS

Tgt Ion:127 Resp: 22376
Ion Ratio Lower Upper
127 100
129 32.3 24.5 36.7
65 32.3 27.1 40.7
92 19.0 15.8 23.8

Manual Integrations

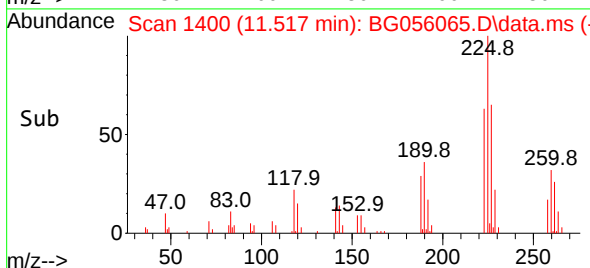
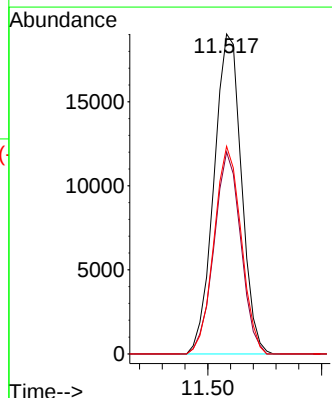
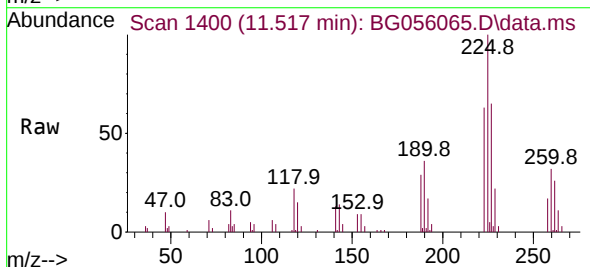
APPROVED

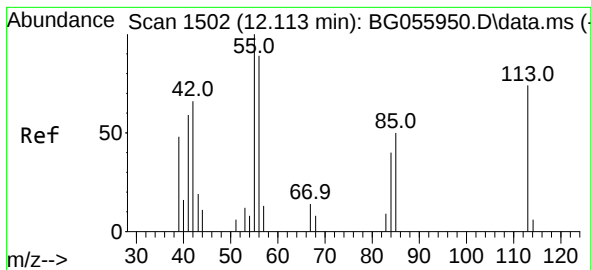
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#34
Hexachlorobutadiene
Concen: 34.459 ng
RT: 11.517 min Scan# 1400
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:225 Resp: 31855
Ion Ratio Lower Upper
225 100
223 63.1 53.2 79.8
227 64.9 54.7 82.1





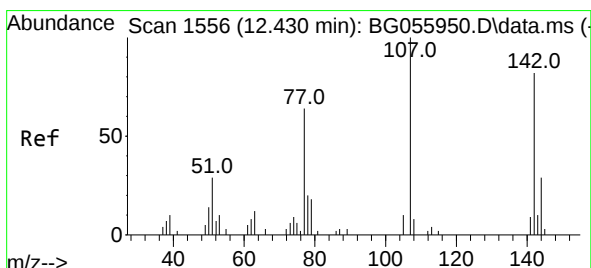
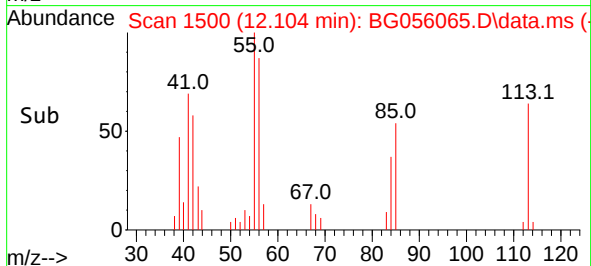
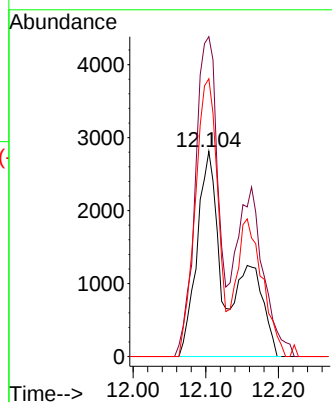
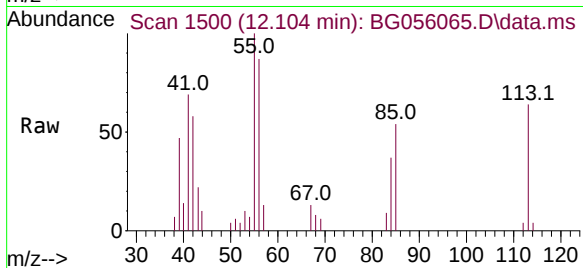
#35
Caprolactam
Concen: 42.325 ng m
RT: 12.104 min Scan# 1502
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion:113 Resp: 8920
Ion Ratio Lower Upper
113 100
55 156.0 114.8 154.8
56 135.4 99.8 139.8

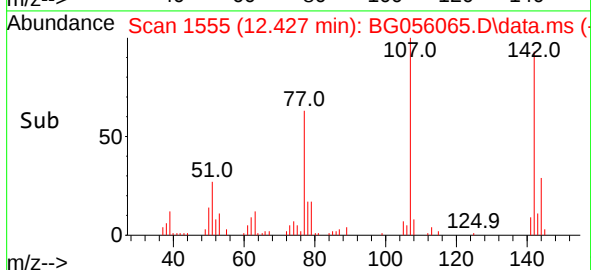
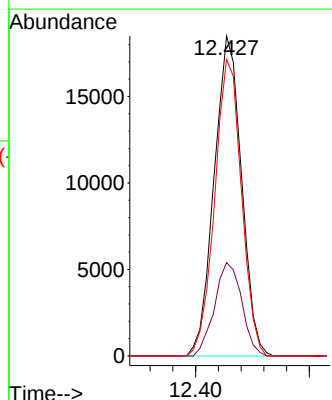
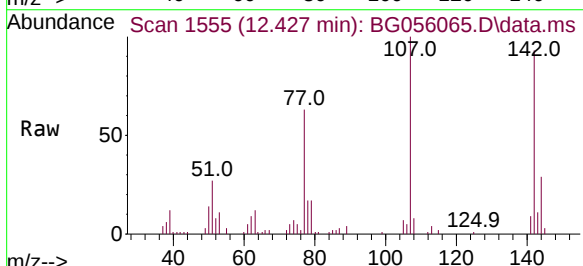
Manual Integrations
APPROVED

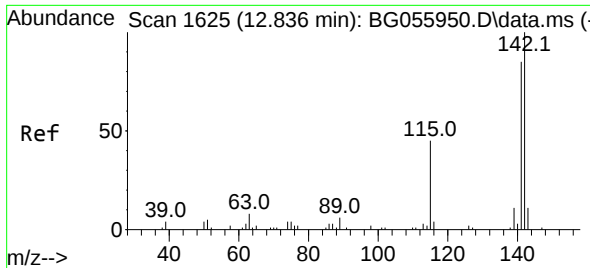
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#36
4-Chloro-3-methylphenol
Concen: 43.462 ng
RT: 12.427 min Scan# 1555
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:107 Resp: 30827
Ion Ratio Lower Upper
107 100
144 29.2 23.3 34.9
142 92.7 65.6 98.4





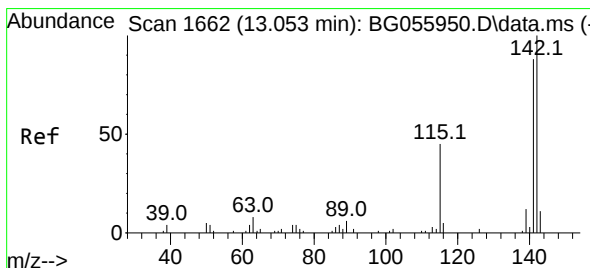
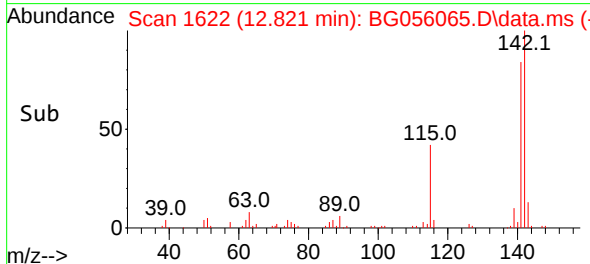
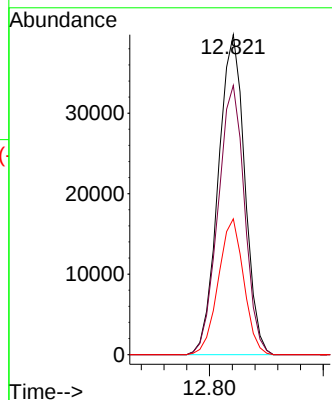
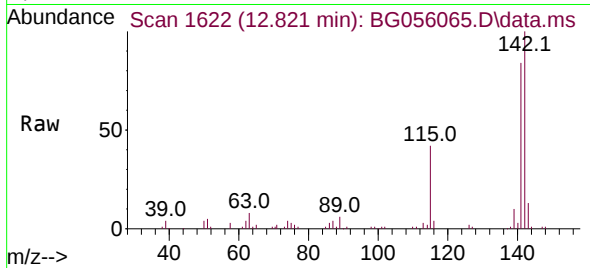
#37
2-Methylnaphthalene
Concen: 37.060 ng
RT: 12.821 min Scan# 1622
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion:142 Resp: 64296
Ion Ratio Lower Upper
142 100
141 84.1 67.8 101.6
115 42.4 35.7 53.5

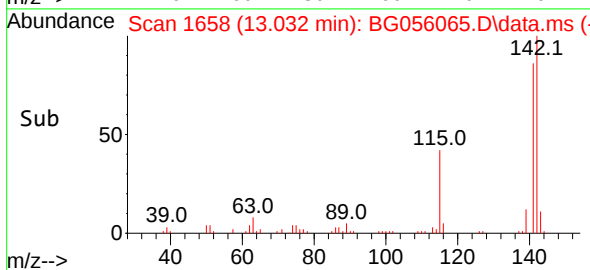
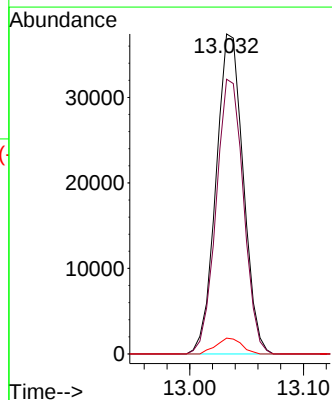
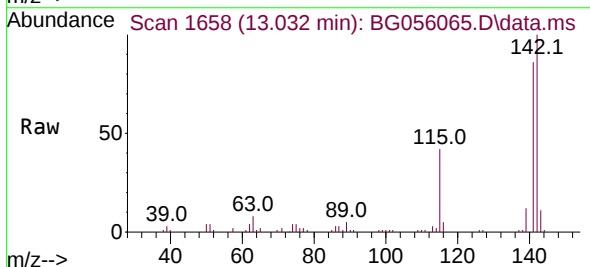
Manual Integrations
APPROVED

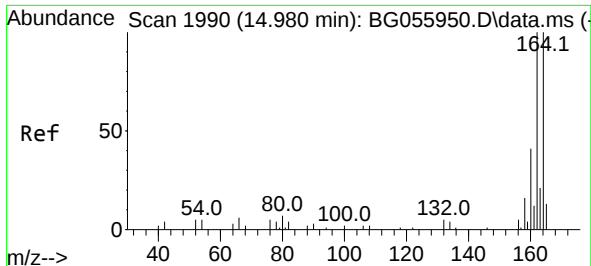
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#38
1-Methylnaphthalene
Concen: 36.777 ng
RT: 13.032 min Scan# 1658
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

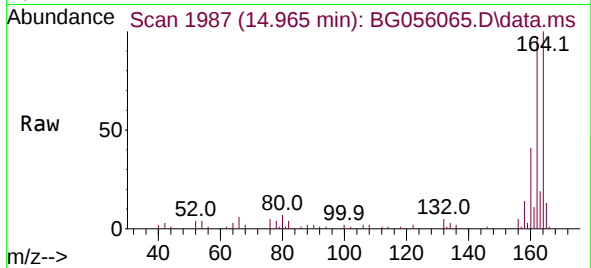
Tgt Ion:142 Resp: 62158
Ion Ratio Lower Upper
142 100
141 85.8 70.2 105.2
116 4.9 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1990
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

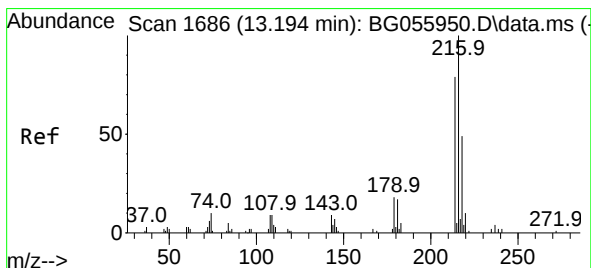
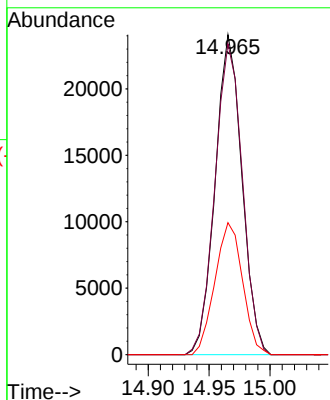
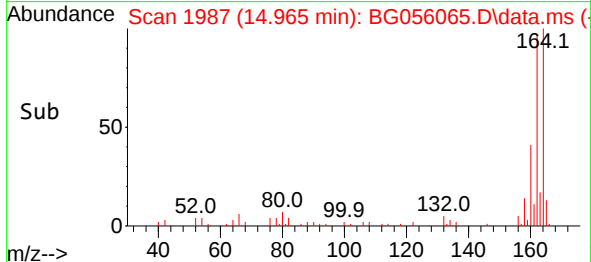
Instrument :
BNA_G
ClientSampleId :
PB149663BS



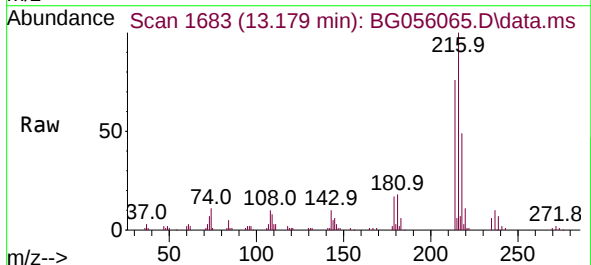
Tgt Ion:164 Resp: 3673
Ion Ratio Lower Upper
164 100
162 97.1 79.8 119.8
160 41.2 33.0 49.4

Manual Integrations
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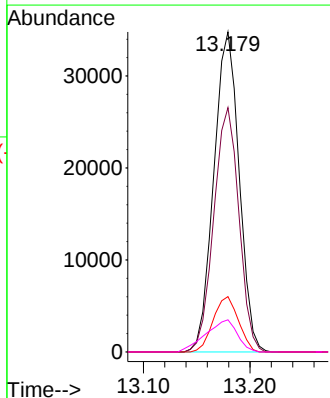
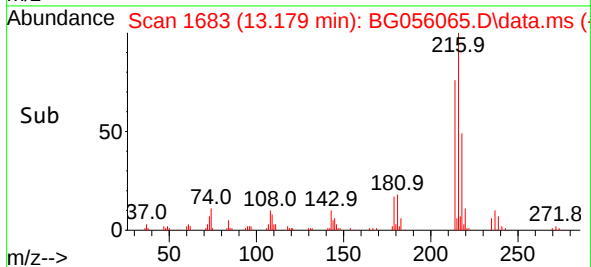
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

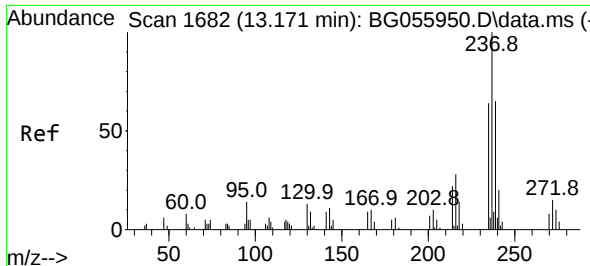


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.073 ng
RT: 13.179 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



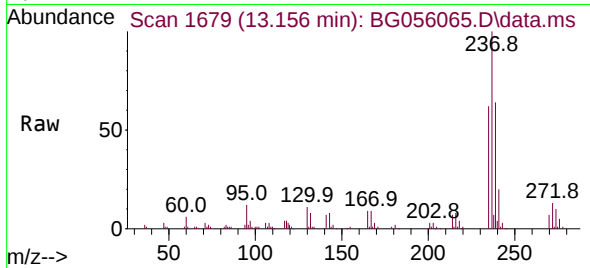
Tgt Ion:216 Resp: 57463
Ion Ratio Lower Upper
216 100
214 75.7 61.5 92.3
179 17.2 14.6 21.8
108 12.4 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 91.308 ng
RT: 13.156 min Scan# 1682
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

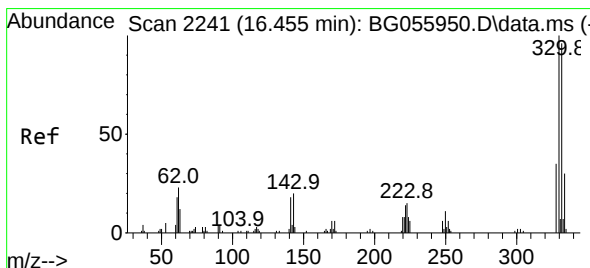
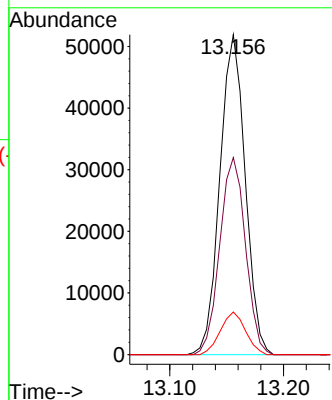
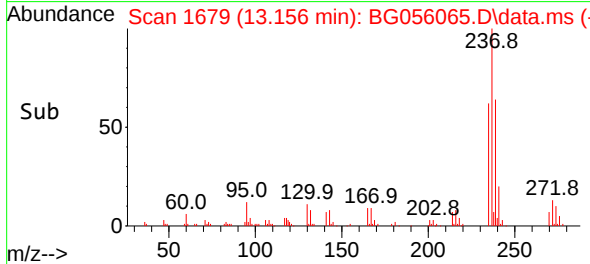
Instrument :
BNA_G
ClientSampleId :
PB149663BS



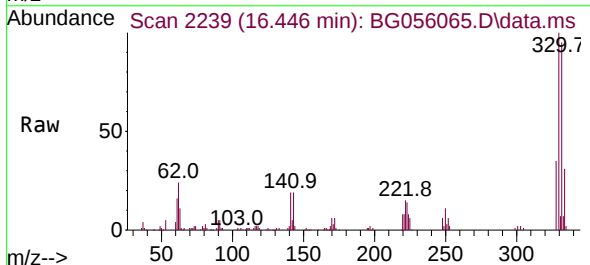
Tgt Ion:237 Resp: 80290
Ion Ratio Lower Upper
237 100
235 61.6 43.7 83.7
272 13.3 0.0 35.1

Manual Integrations
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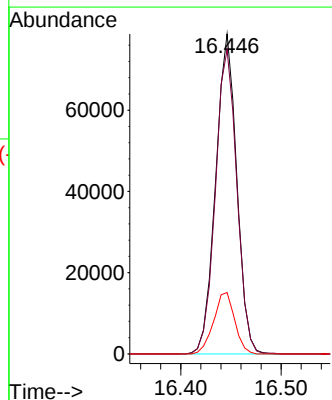
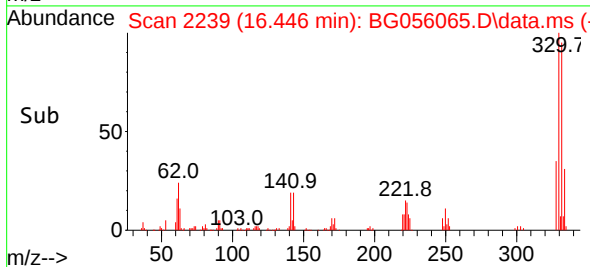
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

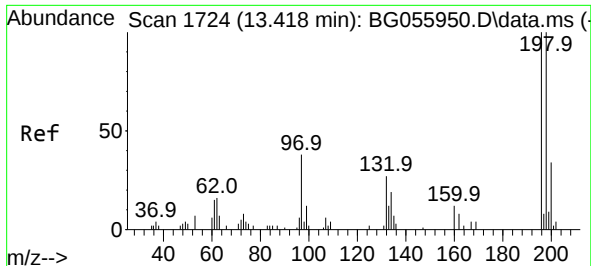


#42
2,4,6-Tribromophenol
Concen: 129.863 ng
RT: 16.446 min Scan# 2239
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion:330 Resp: 115038
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 19.2 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 42.202 ng
RT: 13.408 min Scan# 1722
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

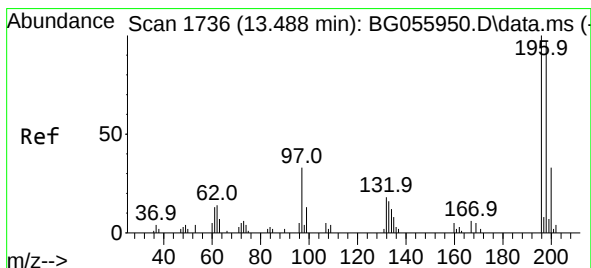
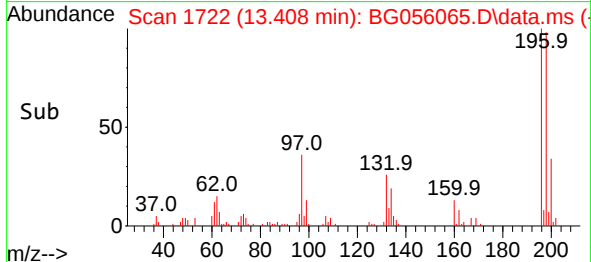
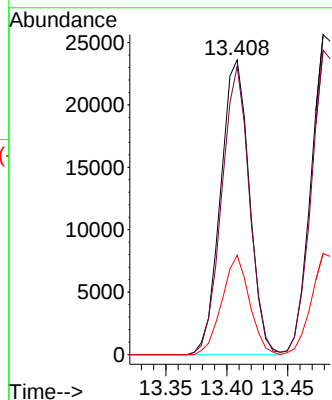
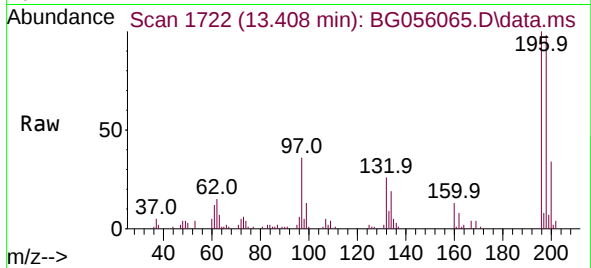
PB149663BS

Tgt Ion:196 Resp: 3872
Ion Ratio Lower Upper
196 100
198 97.8 80.2 120.4
200 33.7 27.6 41.4

Manual Integrations

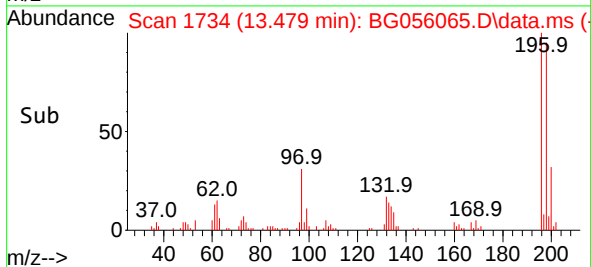
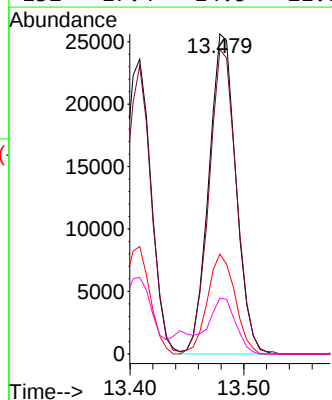
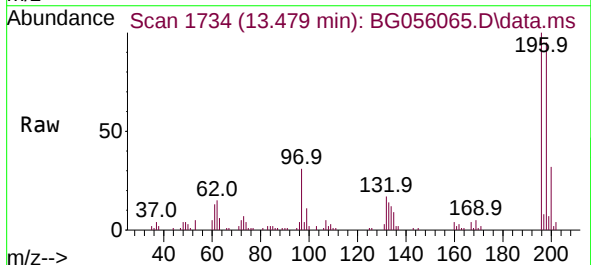
APPROVED

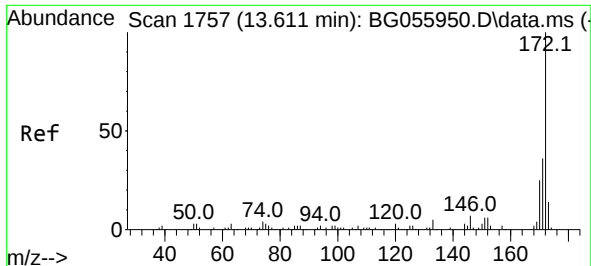
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#44
2,4,5-Trichlorophenol
Concen: 41.145 ng
RT: 13.479 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

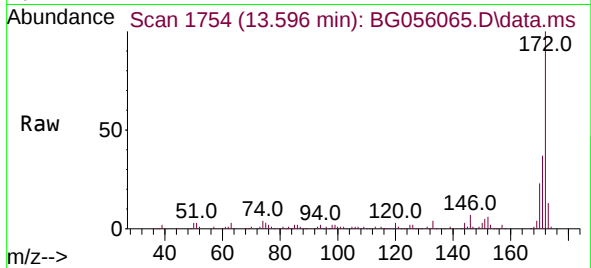
Tgt Ion:196 Resp: 42556
Ion Ratio Lower Upper
196 100
198 95.2 78.0 117.0
97 31.2 26.0 39.0
132 17.4 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 69.957 ng
RT: 13.596 min Scan# 1754
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

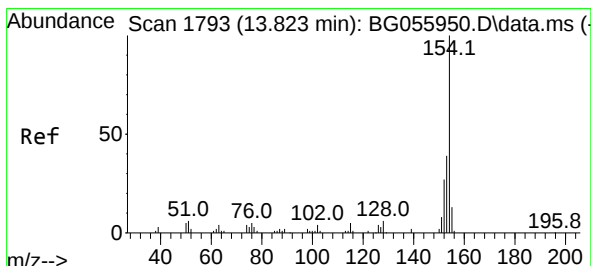
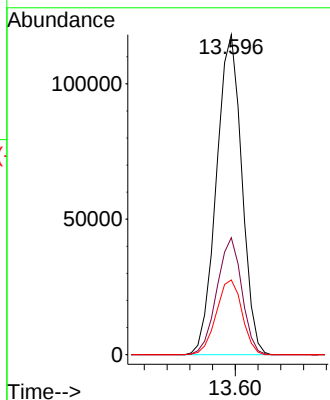
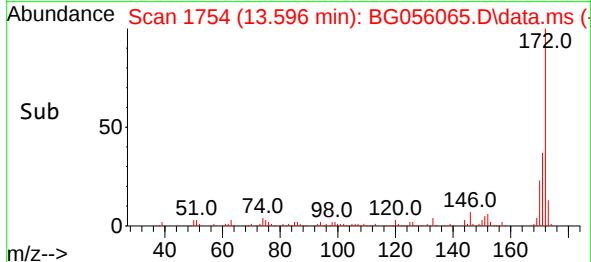
Instrument :
BNA_G
ClientSampleId :
PB149663BS



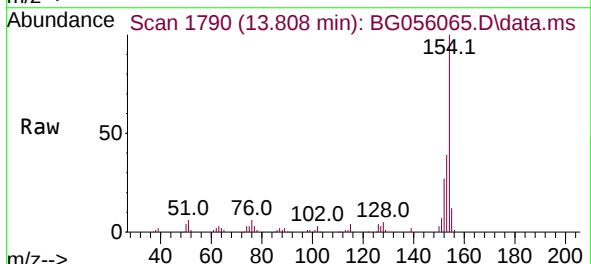
Tgt Ion:172 Resp: 183247
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 23.3 19.9 29.9

Manual Integrations
APPROVED

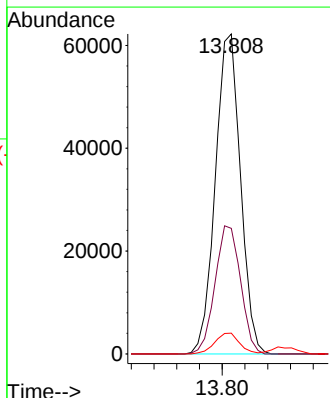
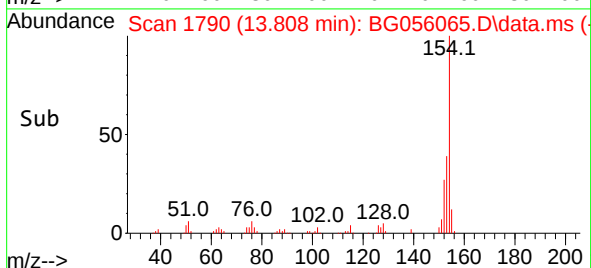
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

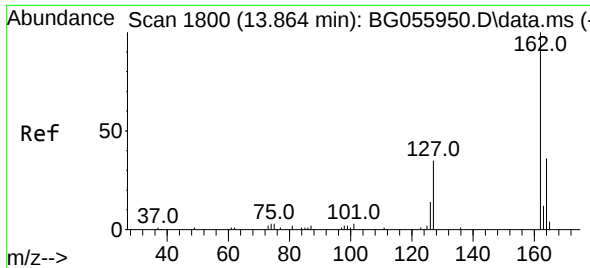


#46
1,1'-Biphenyl
Concen: 38.323 ng
RT: 13.808 min Scan# 1790
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion:154 Resp: 95430
Ion Ratio Lower Upper
154 100
153 39.2 19.5 59.5
76 6.5 0.0 25.5





#47
2-Chloronaphthalene
Concen: 37.443 ng
RT: 13.855 min Scan# 1798
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

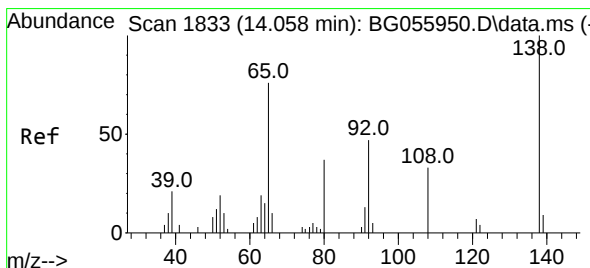
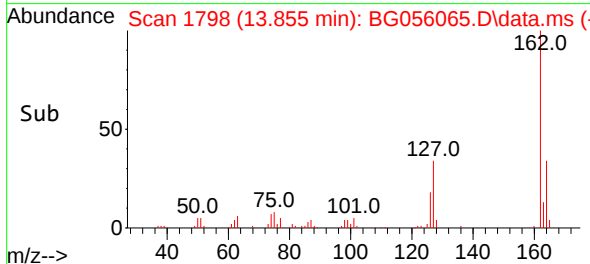
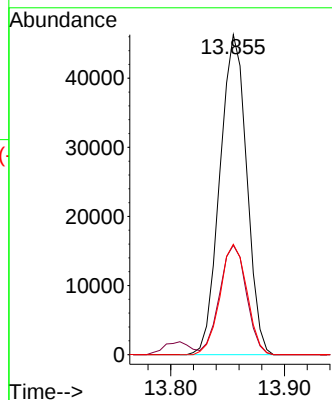
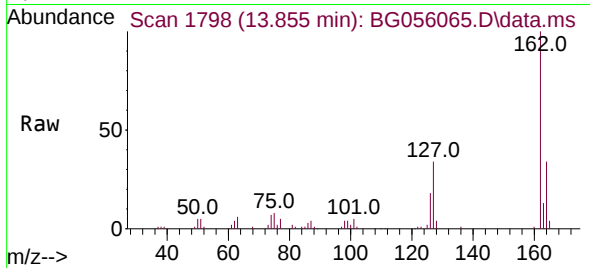
PB149663BS

Tgt Ion:162 Resp: 75759
Ion Ratio Lower Upper
162 100
127 34.2 31.0 46.4
164 34.5 28.6 42.8

Manual Integrations

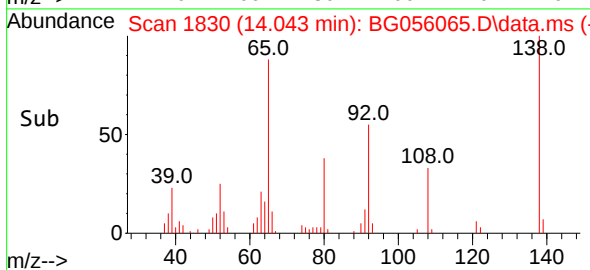
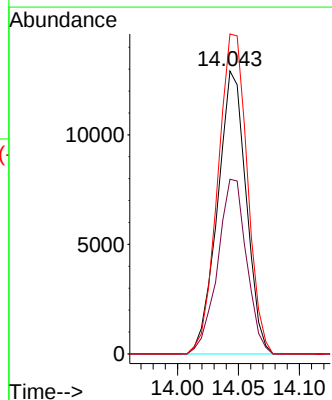
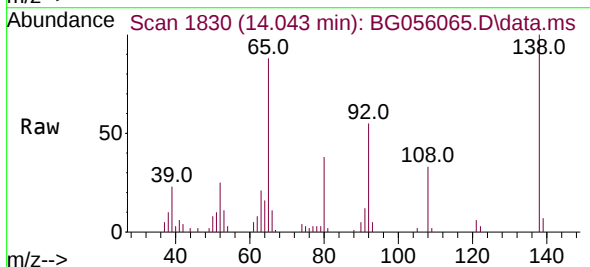
APPROVED

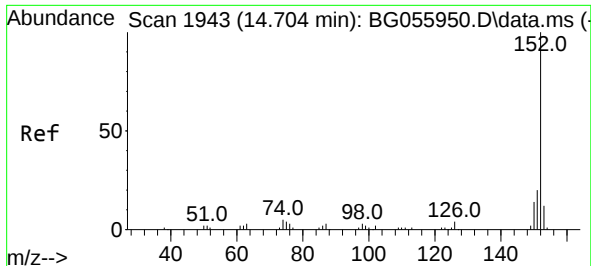
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#48
2-Nitroaniline
Concen: 52.380 ng
RT: 14.043 min Scan# 1830
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

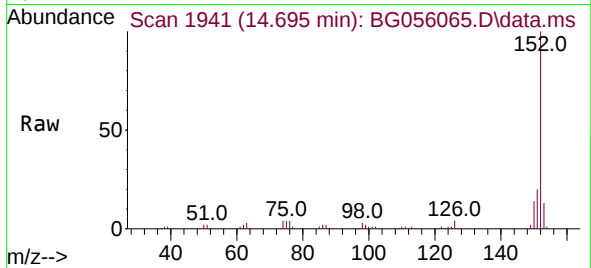
Tgt Ion: 65 Resp: 21001
Ion Ratio Lower Upper
65 100
92 61.8 49.7 74.5
138 113.2 105.0 157.6





#49
Acenaphthylene
Concen: 37.426 ng
RT: 14.695 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

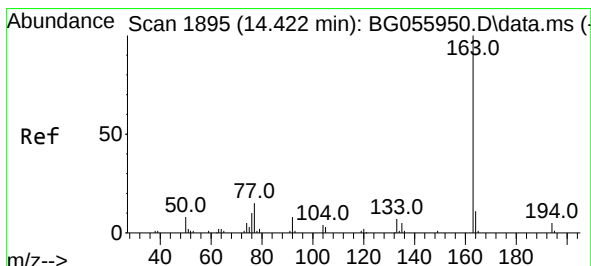
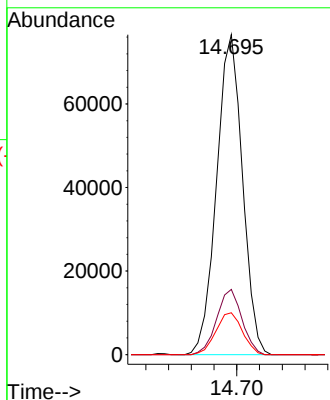
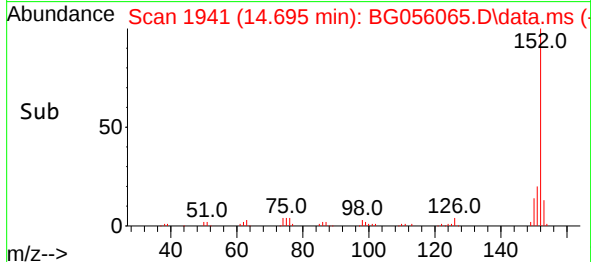
Instrument :
BNA_G
ClientSampleId :
PB149663BS



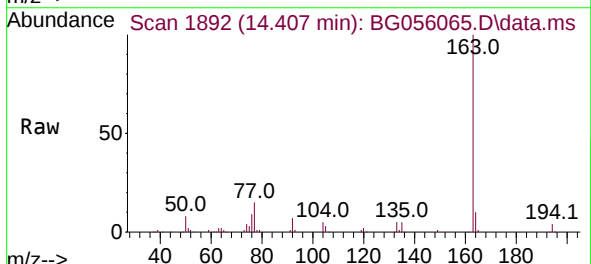
Tgt Ion:152 Resp: 120876
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 13.1 10.0 15.0

Manual Integrations
APPROVED

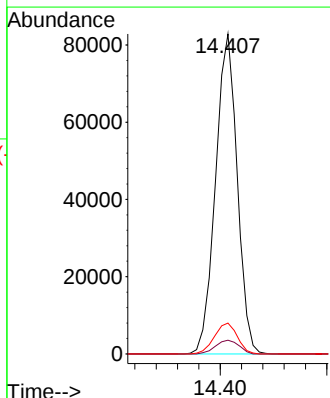
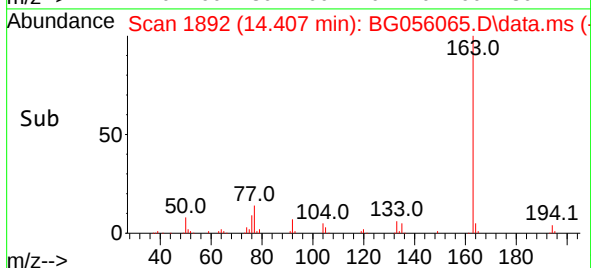
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

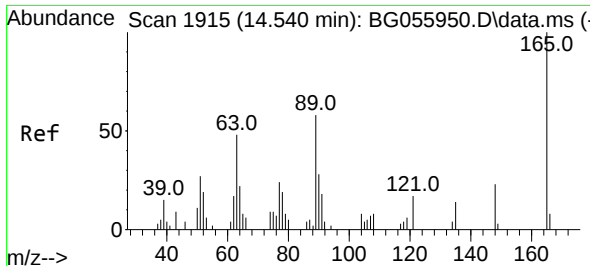


#50
Dimethylphthalate
Concen: 36.853 ng
RT: 14.407 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion:163 Resp: 117050
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 9.6 8.6 13.0





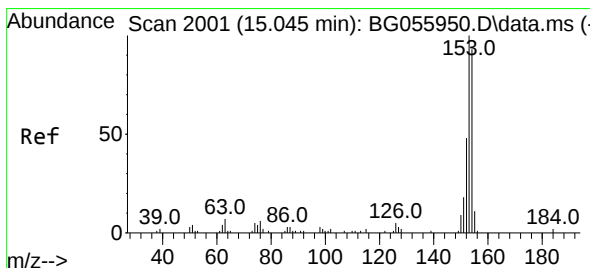
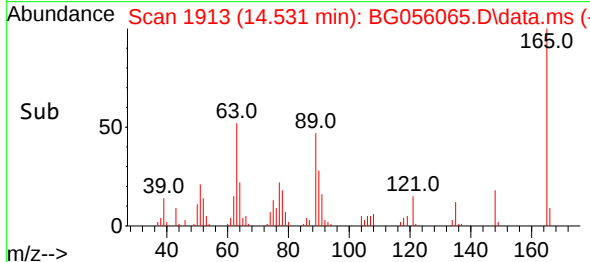
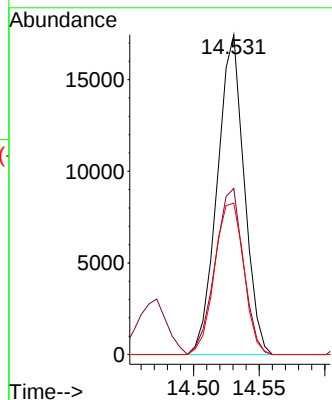
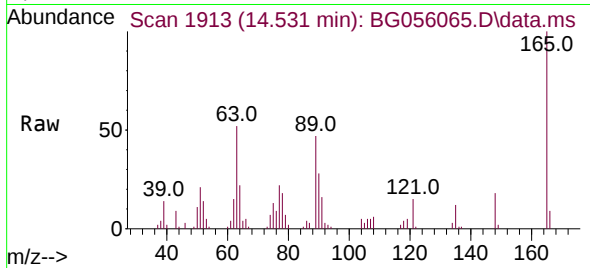
#51
2,6-Dinitrotoluene
Concen: 50.584 ng
RT: 14.531 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion:165 Resp: 24862
Ion Ratio Lower Upper
165 100
63 51.9 38.3 57.5
89 47.3 46.3 69.5

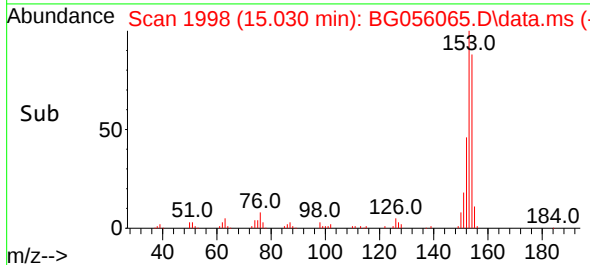
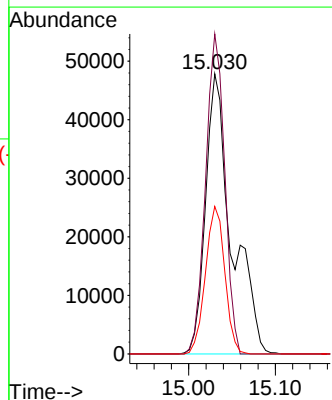
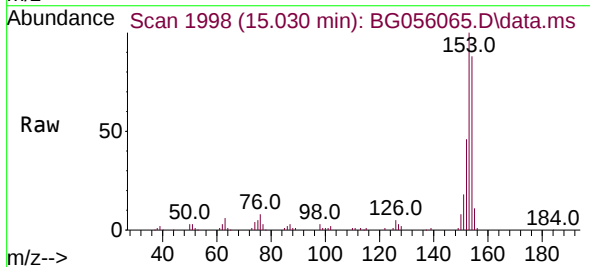
Manual Integrations
APPROVED

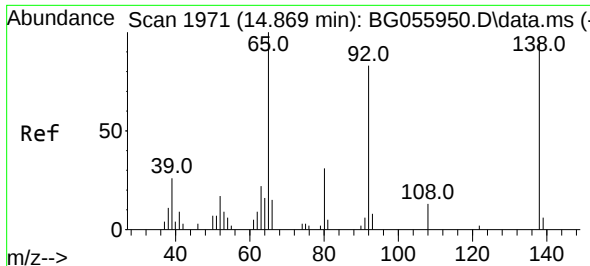
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#52
Acenaphthene
Concen: 46.329 ng m
RT: 15.030 min Scan# 1998
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

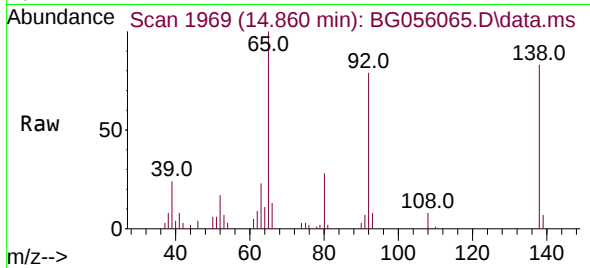
Tgt Ion:154 Resp: 100448
Ion Ratio Lower Upper
154 100
153 114.2 86.2 129.2
152 52.6 41.4 62.0





#53
3-Nitroaniline
Concen: 32.928 ng
RT: 14.860 min Scan# 1971
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

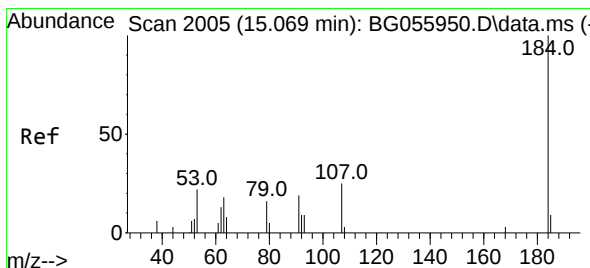
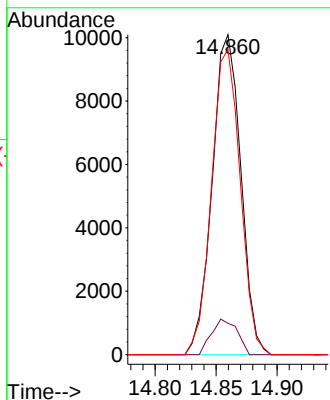
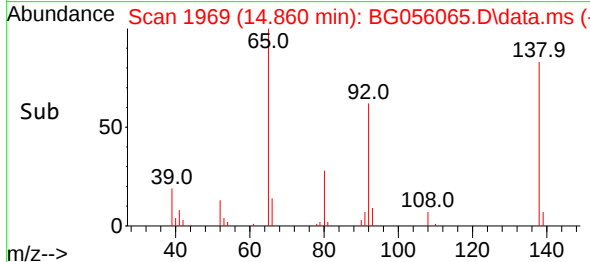
Instrument :
BNA_G
ClientSampleId :
PB149663BS



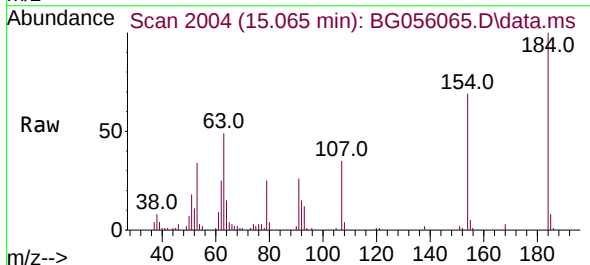
Tgt Ion:138 Resp: 16462
Ion Ratio Lower Upper
138 100
108 9.8 10.9 16.3#
92 95.4 69.4 104.0

Manual Integrations
APPROVED

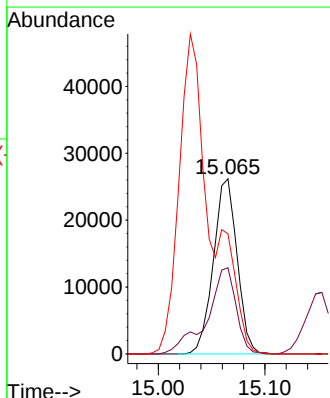
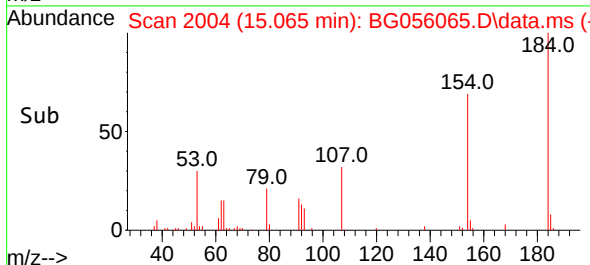
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

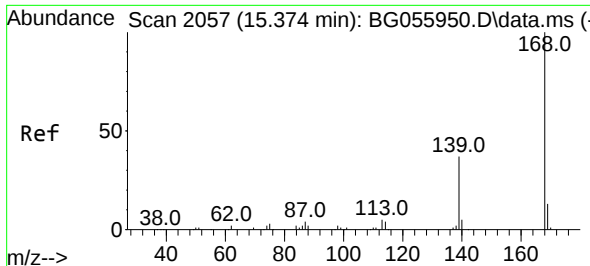


#54
2,4-Dinitrophenol
Concen: 110.720 ng
RT: 15.065 min Scan# 2004
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



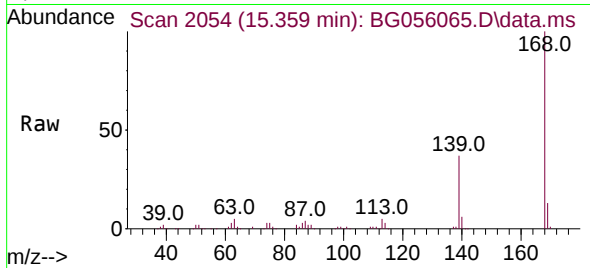
Tgt Ion:184 Resp: 40456
Ion Ratio Lower Upper
184 100
63 49.2 23.0 34.4#
154 68.6 67.0 100.4





#55
Dibenzofuran
Concen: 37.114 ng
RT: 15.359 min Scan# 2054
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

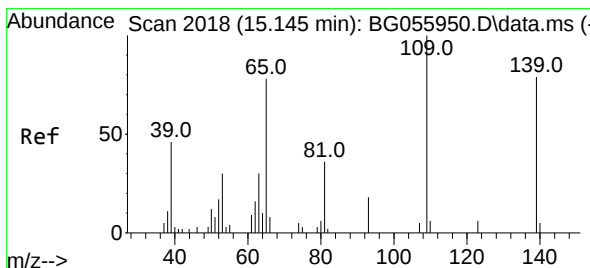
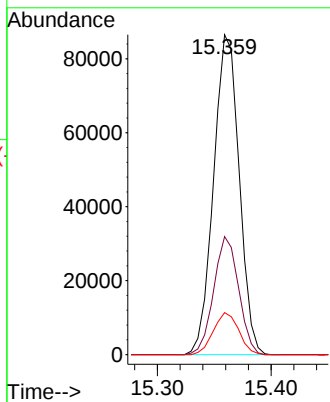
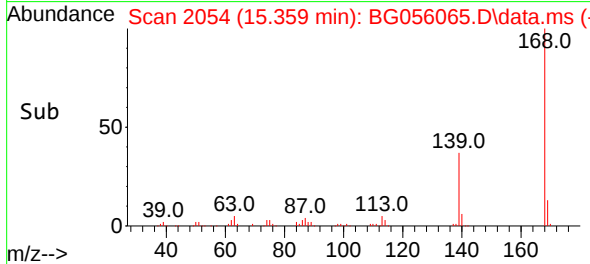
Instrument :
BNA_G
ClientSampleId :
PB149663BS



Tgt Ion:168 Resp: 135319
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 13.1 10.6 16.0

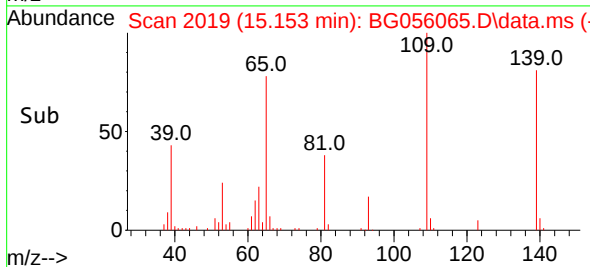
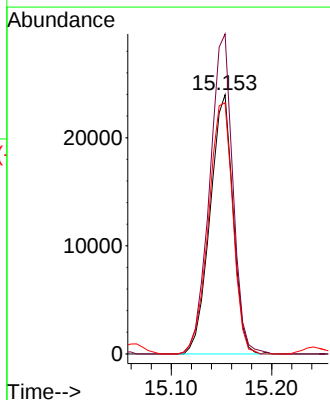
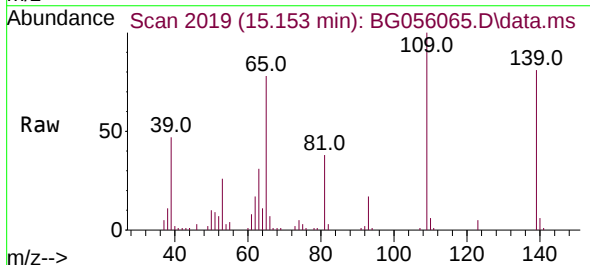
Manual Integrations
APPROVED

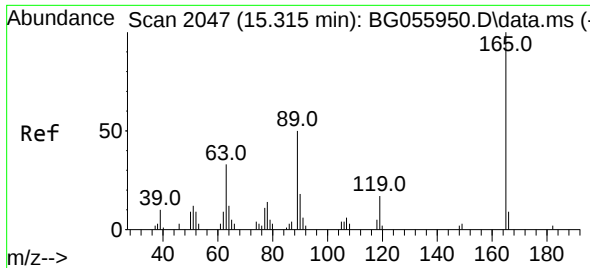
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#56
4-Nitrophenol
Concen: 95.474 ng
RT: 15.153 min Scan# 2019
Delta R.T. 0.002 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:139 Resp: 38249
Ion Ratio Lower Upper
139 100
109 123.5 106.7 146.7
65 96.9 79.2 119.2





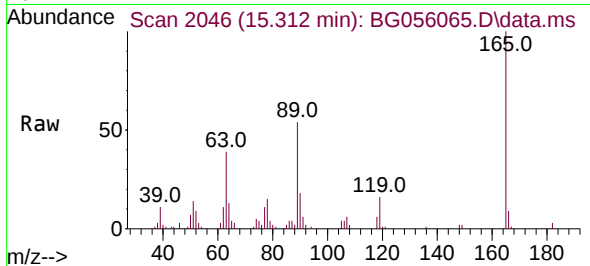
#57
2,4-Dinitrotoluene
Concen: 48.825 ng
RT: 15.312 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

PB149663BS

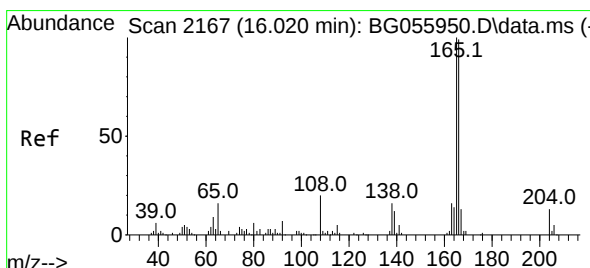
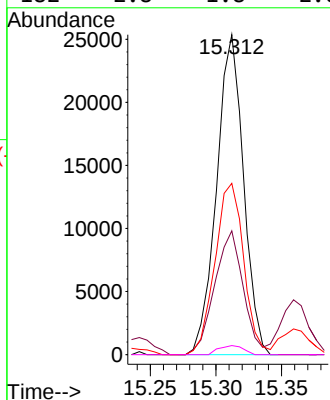
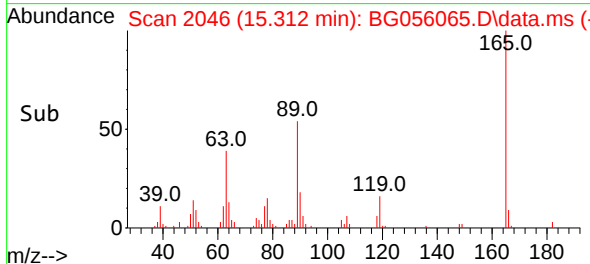


Tgt Ion:165 Resp: 36224
Ion Ratio Lower Upper
165 100
63 38.7 26.6 39.8
89 53.5 40.1 60.1
182 2.8 1.8 2.6#

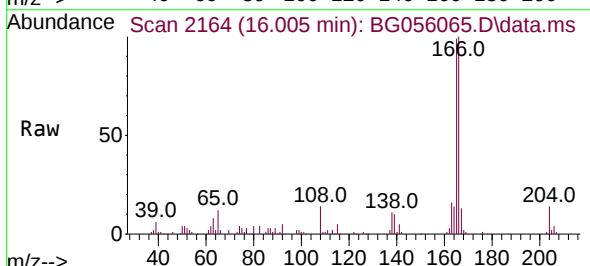
Manual Integrations

APPROVED

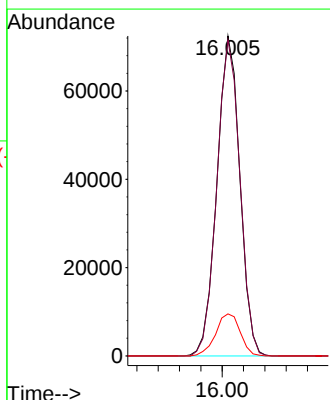
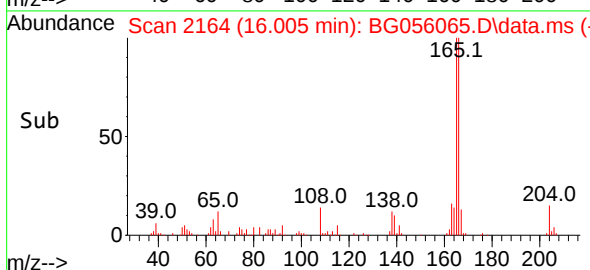
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

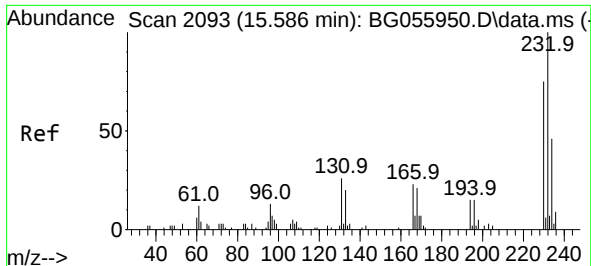


#58
Fluorene
Concen: 36.380 ng
RT: 16.005 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion:166 Resp: 108428
Ion Ratio Lower Upper
166 100
165 98.7 81.1 121.7
167 13.1 10.5 15.7





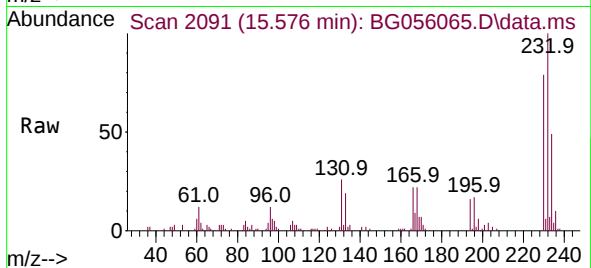
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.849 ng
RT: 15.576 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

PB149663BS

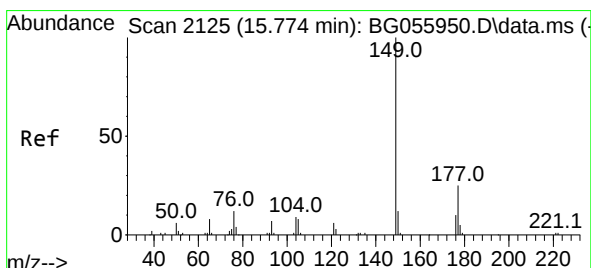
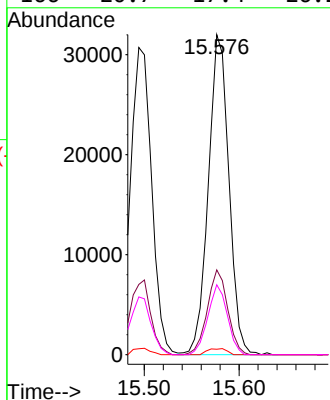
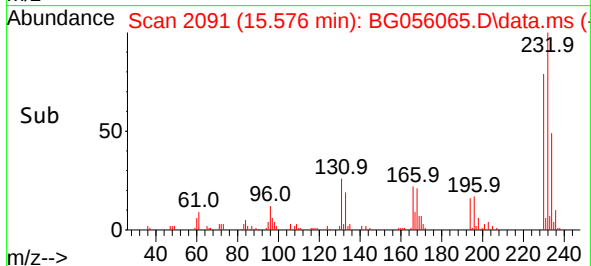


Tgt Ion:232 Resp: 48261
Ion Ratio Lower Upper
232 100
131 26.2 20.7 31.1
130 1.7 1.2 1.8
166 20.7 17.4 26.2

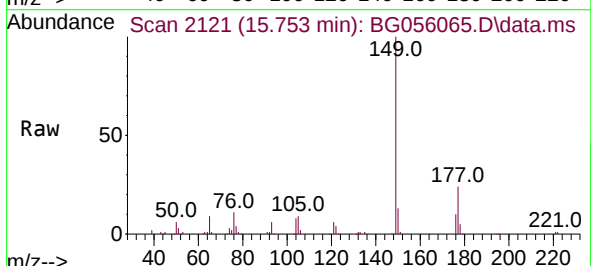
Manual Integrations

APPROVED

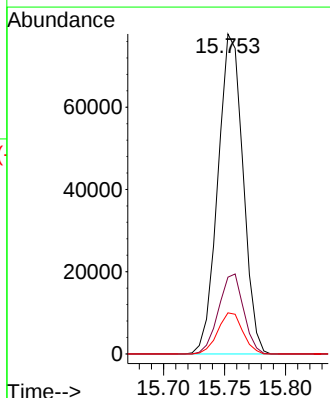
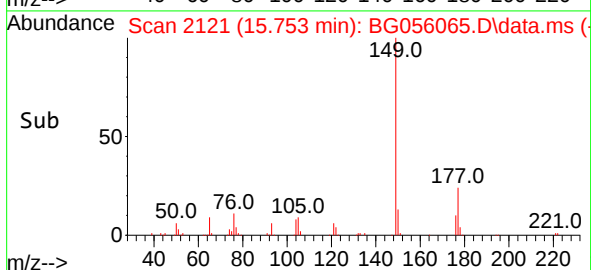
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

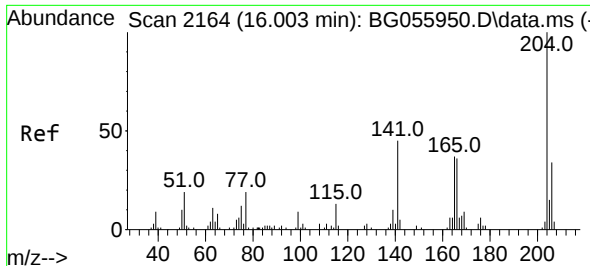


#60
Diethylphthalate
Concen: 35.966 ng
RT: 15.753 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion:149 Resp: 111651
Ion Ratio Lower Upper
149 100
177 24.0 19.7 29.5
150 12.8 9.5 14.3





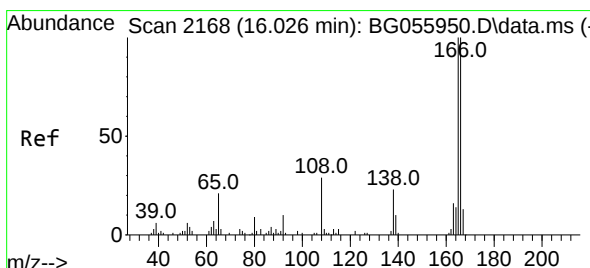
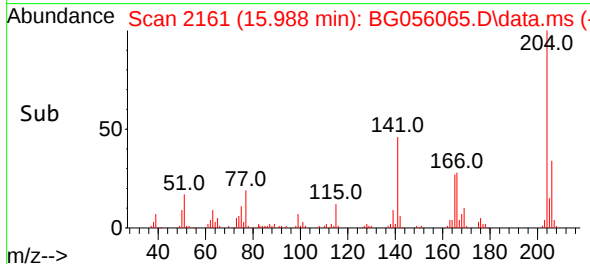
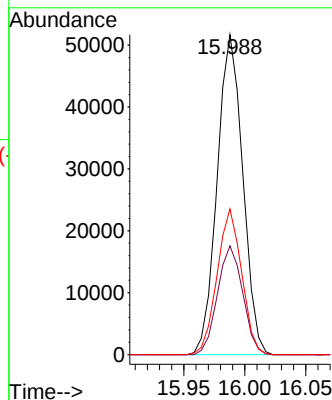
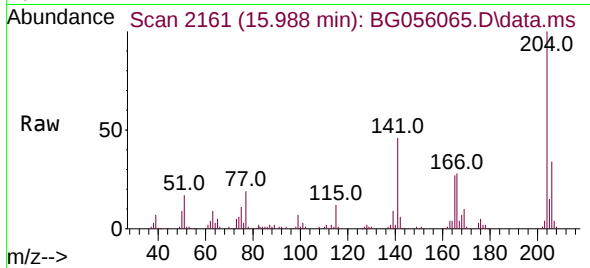
#61
4-Chlorophenyl-phenylether
Concen: 37.175 ng
RT: 15.988 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion:204 Resp: 75479
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.4
141 45.6 36.3 54.5

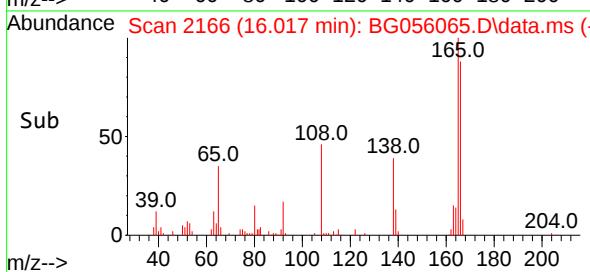
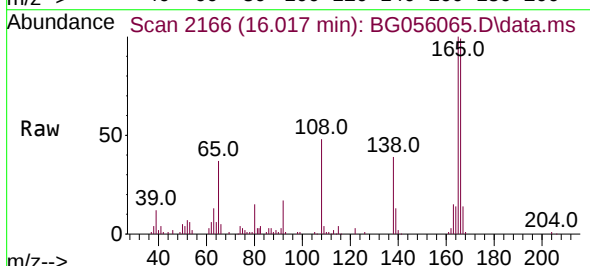
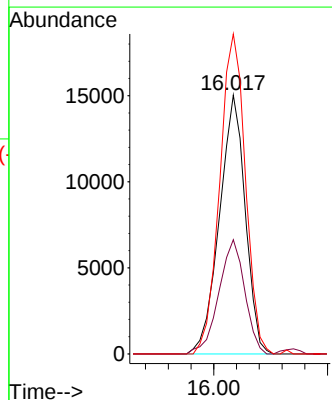
Manual Integrations
APPROVED

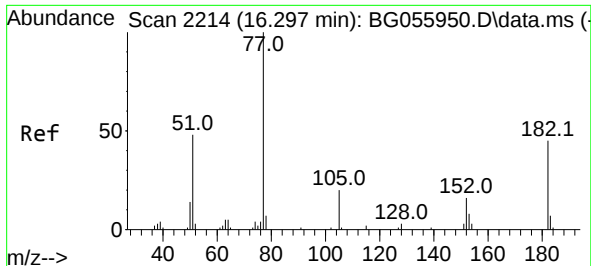
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#62
4-Nitroaniline
Concen: 43.390 ng
RT: 16.017 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:138 Resp: 23623
Ion Ratio Lower Upper
138 100
92 44.1 24.4 64.4
108 123.6 110.1 150.1





#63
Azobenzene
Concen: 37.026 ng
RT: 16.282 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

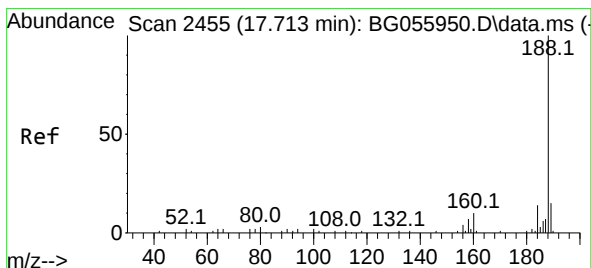
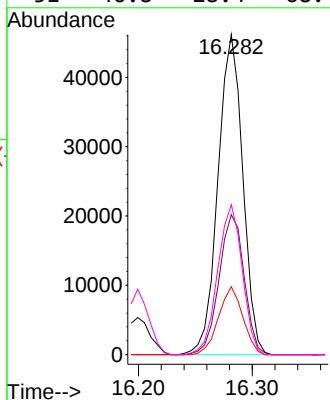
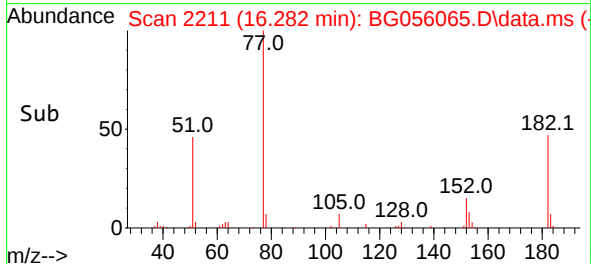
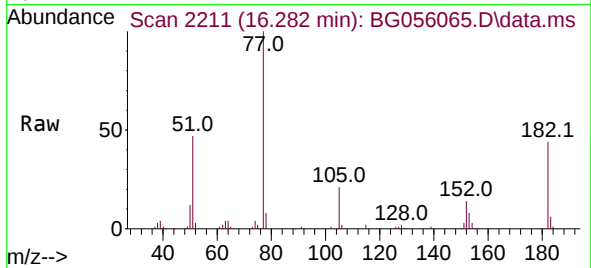
PB149663BS

Tgt Ion: 77 Resp: 69963
Ion Ratio Lower Upper
77 100
182 43.7 24.7 64.7
105 21.3 0.3 40.3
51 46.8 28.4 68.4

Manual Integrations

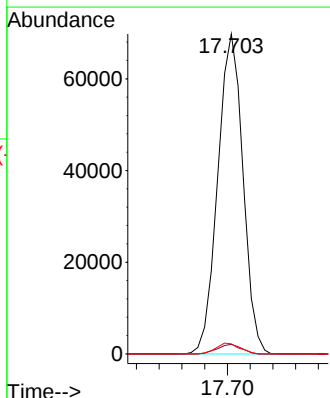
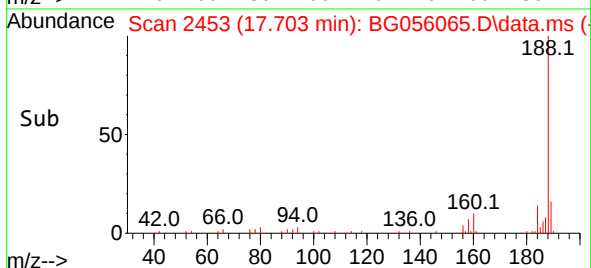
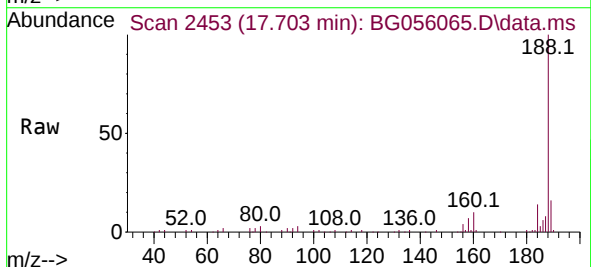
APPROVED

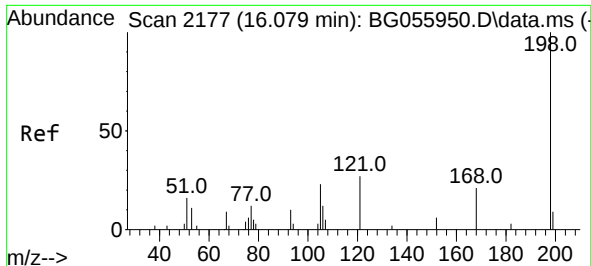
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.703 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

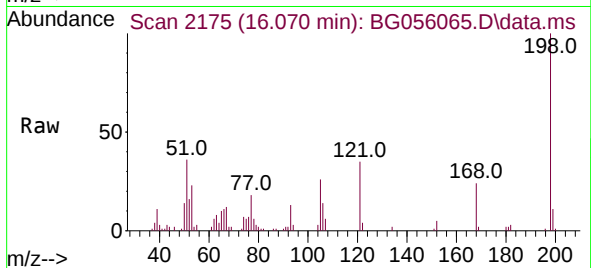
Tgt Ion:188 Resp: 107434
Ion Ratio Lower Upper
188 100
94 3.0 1.8 2.8#
80 3.1 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.310 ng
RT: 16.070 min Scan# 2175
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

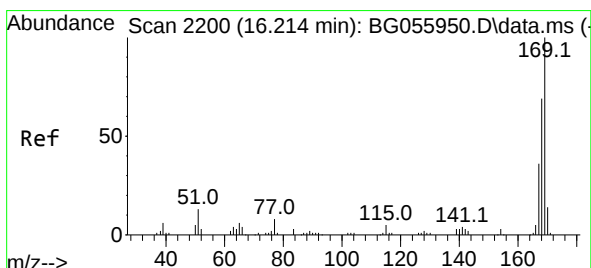
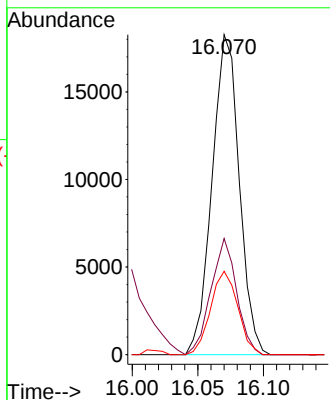
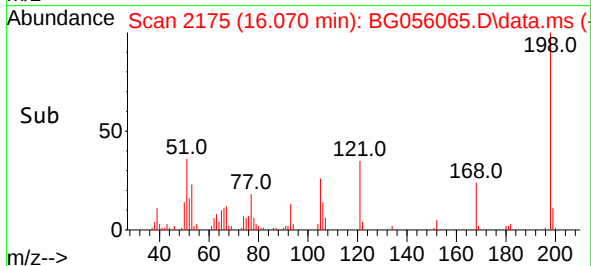
Instrument :
BNA_G
ClientSampleId :
PB149663BS



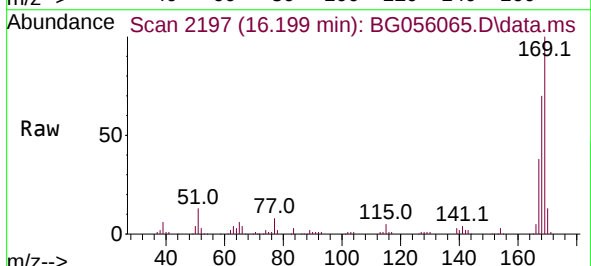
Tgt Ion:198 Resp: 26333
Ion Ratio Lower Upper
198 100
51 36.3 3.0 43.0
105 26.0 3.3 43.3

Manual Integrations
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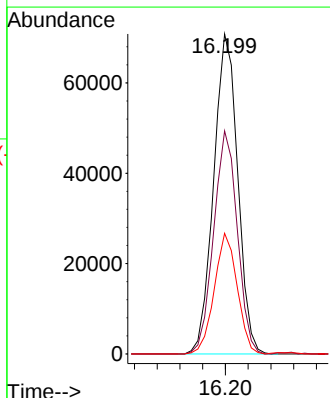
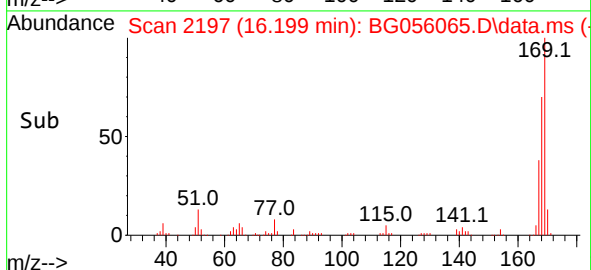
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

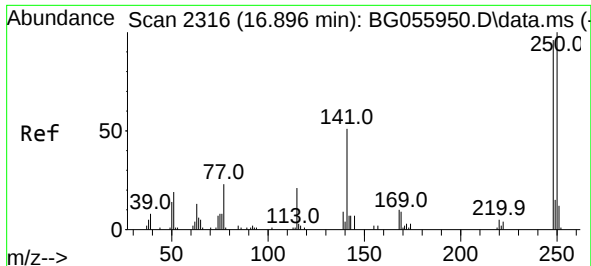


#66
n-Nitrosodiphenylamine
Concen: 36.867 ng
RT: 16.199 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion:169 Resp: 103794
Ion Ratio Lower Upper
169 100
168 69.7 55.3 82.9
167 37.7 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 36.320 ng
RT: 16.881 min Scan# 2313
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

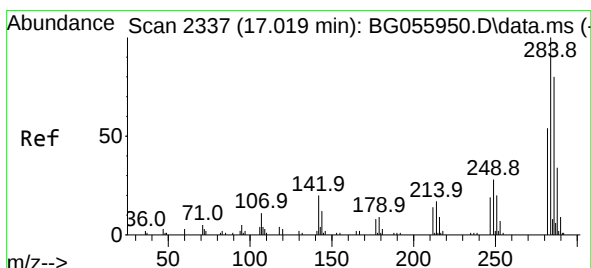
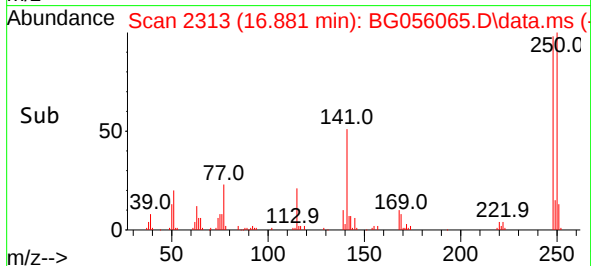
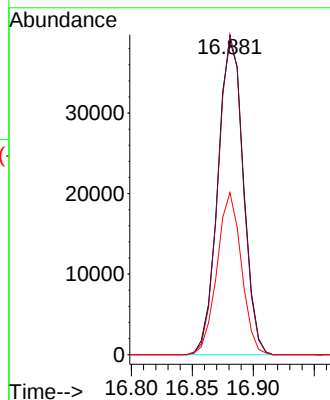
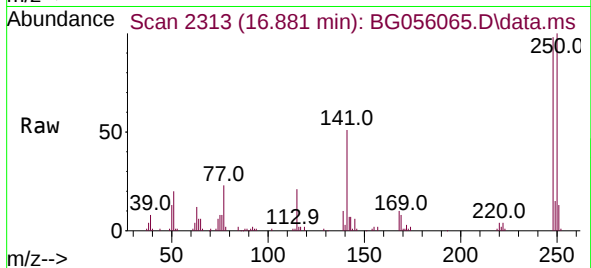
PB149663BS

Tgt Ion:248 Resp: 57176
Ion Ratio Lower Upper
248 100
250 102.0 83.0 124.6
141 51.6 42.6 64.0

Manual Integrations

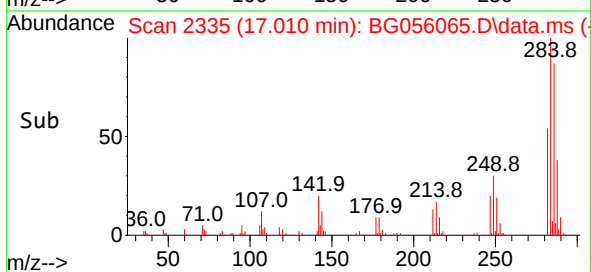
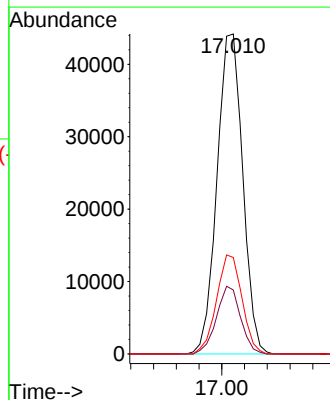
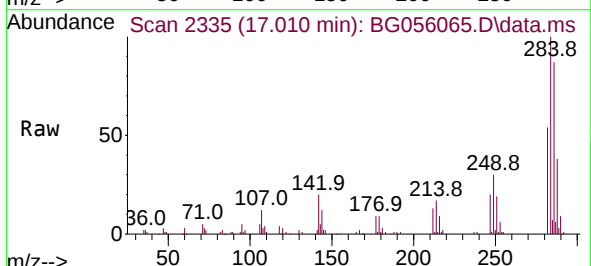
APPROVED

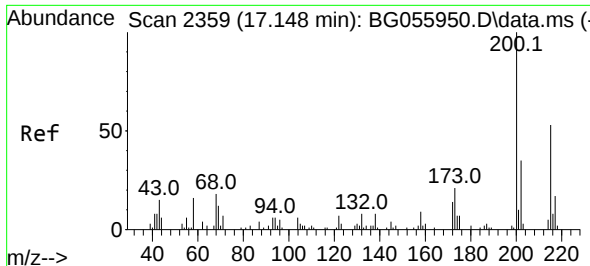
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#68
Hexachlorobenzene
Concen: 35.768 ng
RT: 17.010 min Scan# 2335
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:284 Resp: 69357
Ion Ratio Lower Upper
284 100
142 20.0 16.2 24.2
249 30.1 22.8 34.2





#69
 Atrazine
 Concen: 35.052 ng
 RT: 17.133 min Scan# 2356
 Delta R.T. -0.003 min
 Lab File: BG056065.D
 Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

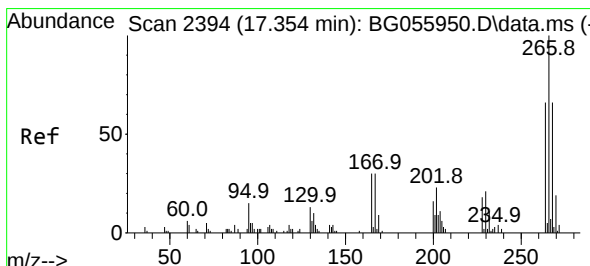
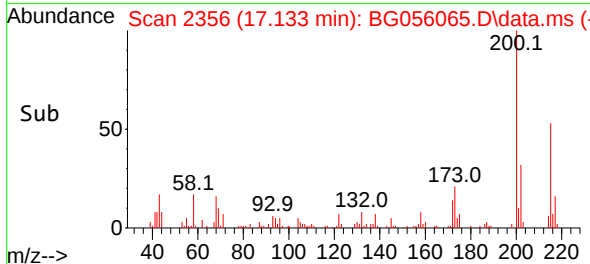
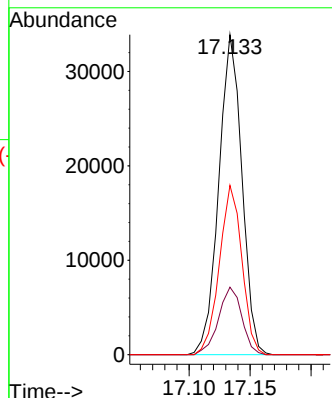
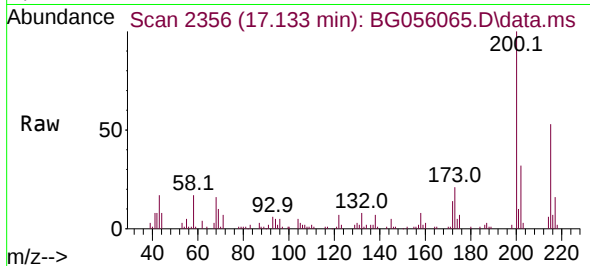
PB149663BS

Tgt Ion:200 Resp: 44683
 Ion Ratio Lower Upper
 200 100
 173 21.1 1.4 41.4
 215 52.9 33.3 73.3

Manual Integrations

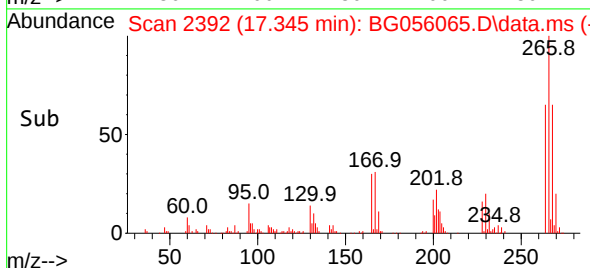
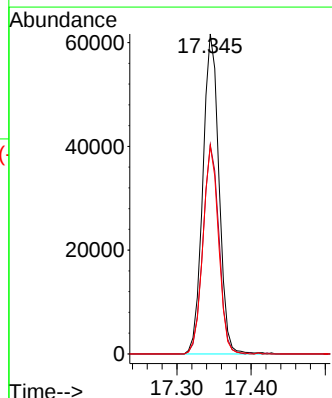
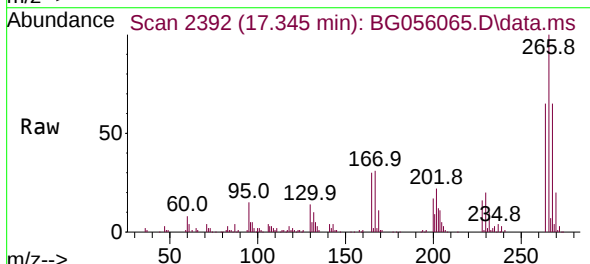
APPROVED

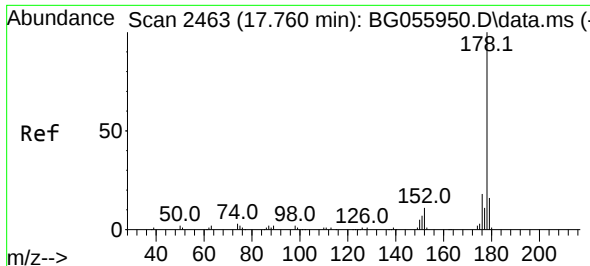
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#70
 Pentachlorophenol
 Concen: 83.870 ng
 RT: 17.345 min Scan# 2392
 Delta R.T. -0.003 min
 Lab File: BG056065.D
 Acq: 22 Dec 2022 16:55

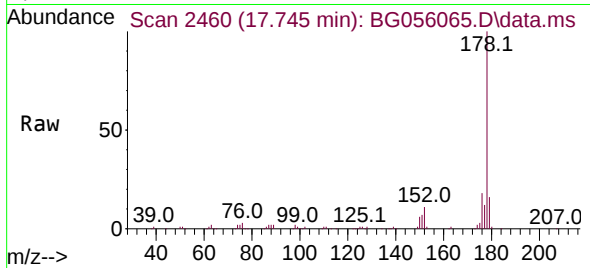
Tgt Ion:266 Resp: 92974
 Ion Ratio Lower Upper
 266 100
 268 65.4 55.5 83.3
 264 65.0 52.6 78.8





#71
Phenanthrene
Concen: 36.617 ng
RT: 17.745 min Scan# 2460
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

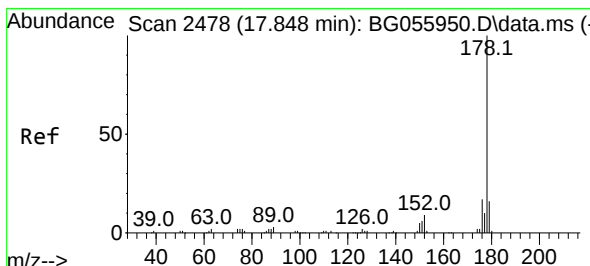
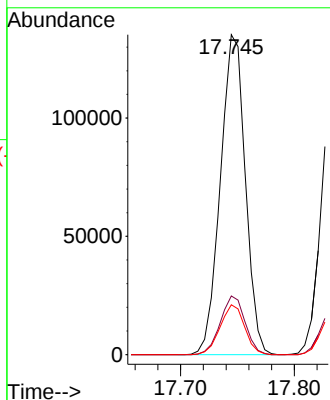
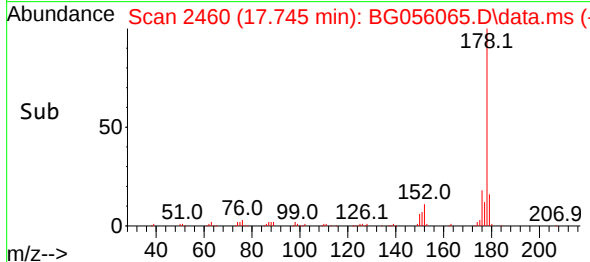
Instrument :
BNA_G
ClientSampleId :
PB149663BS



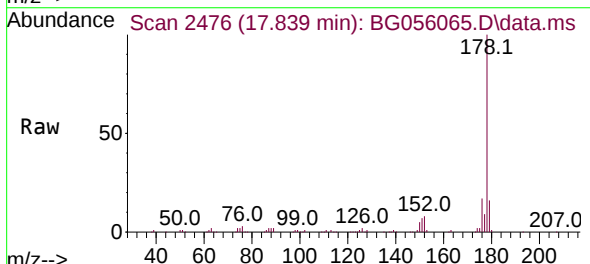
Tgt Ion:178 Resp: 206152
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 15.6 12.7 19.1

Manual Integrations
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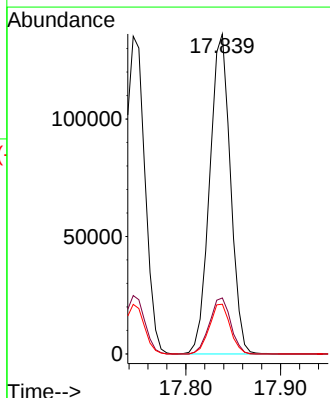
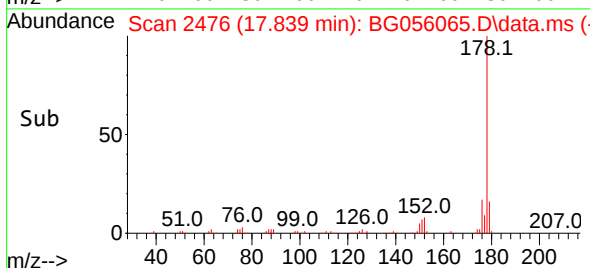
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

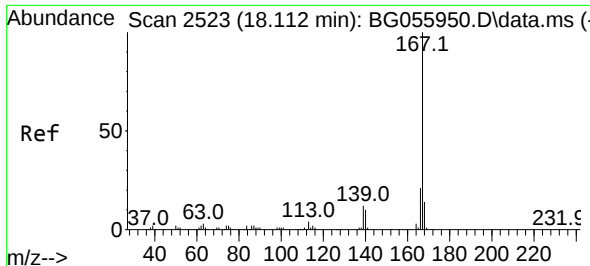


#72
Anthracene
Concen: 37.177 ng
RT: 17.839 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion:178 Resp: 207076
Ion Ratio Lower Upper
178 100
176 17.5 13.9 20.9
179 15.5 12.7 19.1





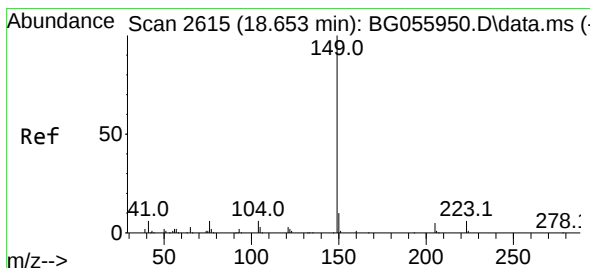
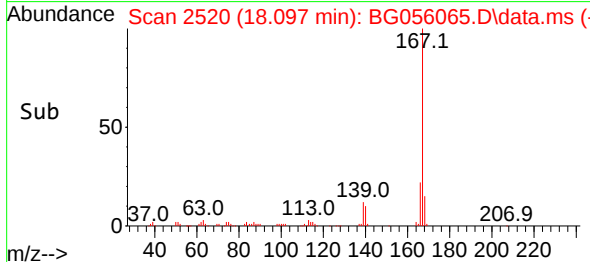
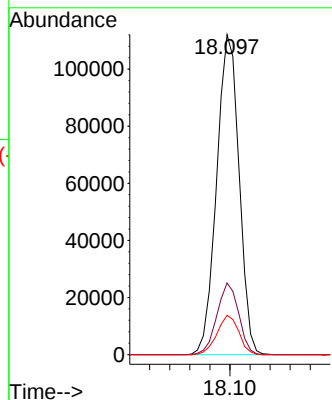
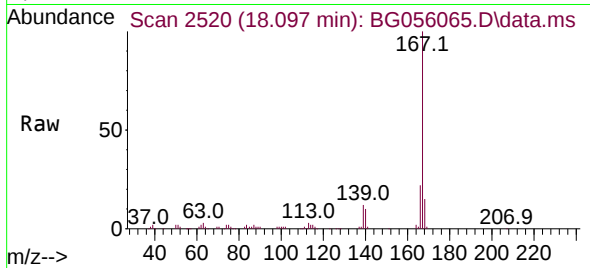
#73
Carbazole
Concen: 37.900 ng
RT: 18.097 min Scan# 2523
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion:167 Resp: 174108
Ion Ratio Lower Upper
167 100
166 22.4 16.6 25.0
139 12.3 9.7 14.5

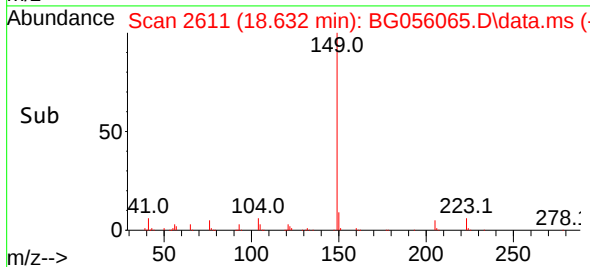
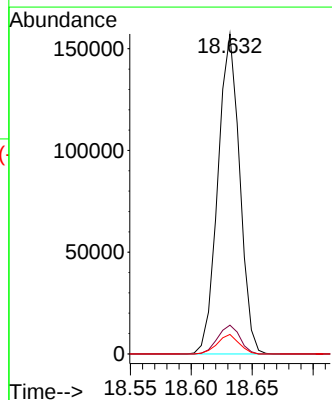
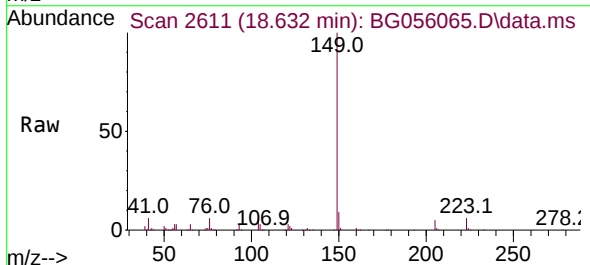
Manual Integrations
APPROVED

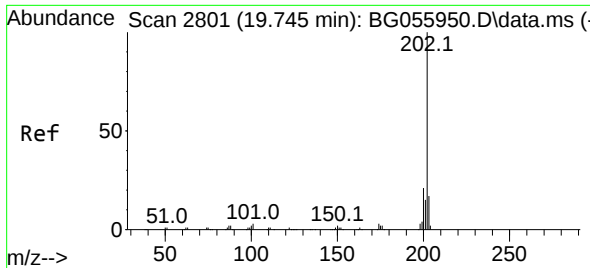
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#74
Di-n-butylphthalate
Concen: 36.508 ng
RT: 18.632 min Scan# 2611
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

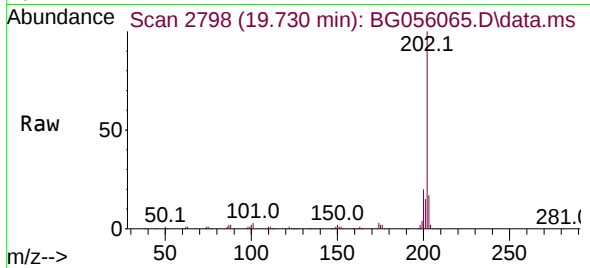
Tgt Ion:149 Resp: 195039
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 6.1 4.8 7.2





#75
Fluoranthene
Concen: 35.369 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

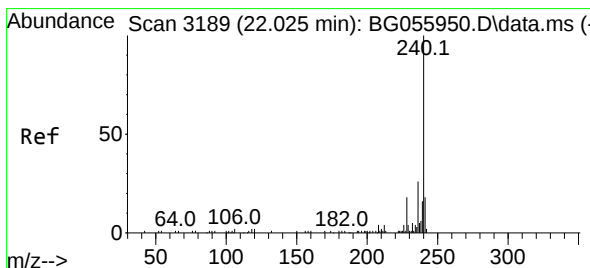
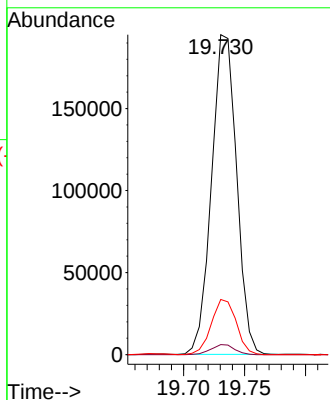
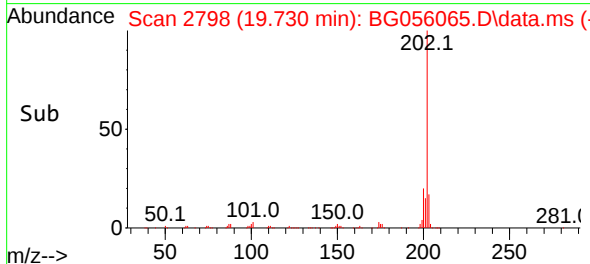
Instrument :
BNA_G
ClientSampleId :
PB149663BS



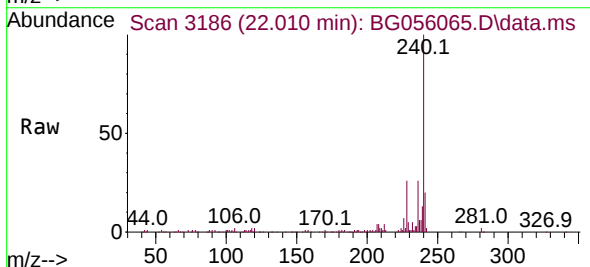
Tgt Ion:202 Resp: 27884
Ion Ratio Lower Upper
202 100
101 3.1 0.0 22.6
203 17.2 0.0 37.1

Manual Integrations
APPROVED

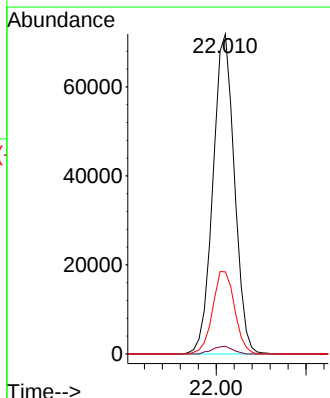
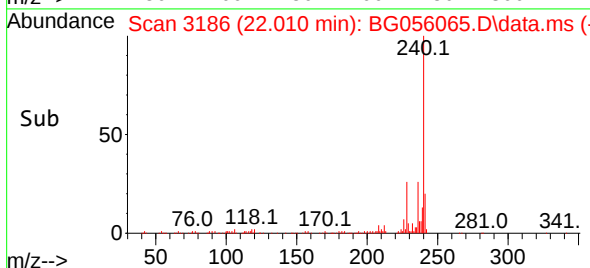
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

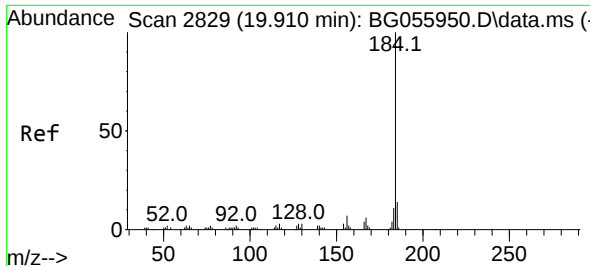


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.010 min Scan# 3186
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



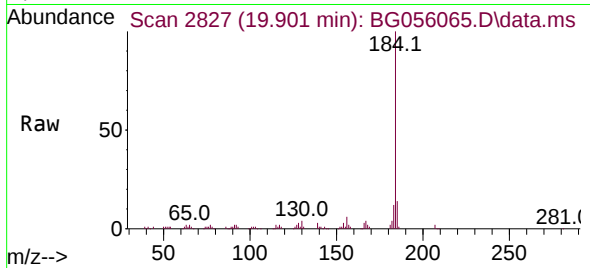
Tgt Ion:240 Resp: 119215
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 25.6 21.1 31.7





#77
Benzidine
Concen: 37.236 ng
RT: 19.901 min Scan# 2827
Delta R.T. 0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

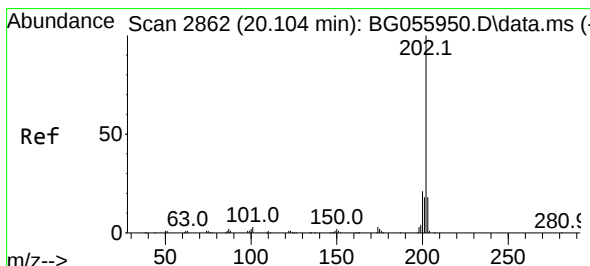
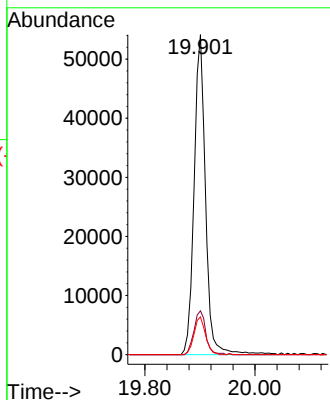
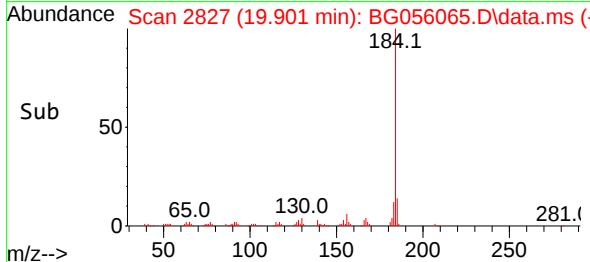
Instrument :
BNA_G
ClientSampleId :
PB149663BS



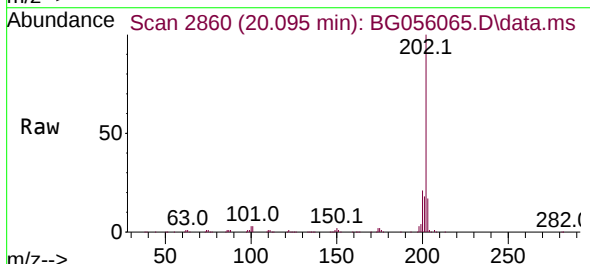
Tgt Ion:184 Resp: 77958
Ion Ratio Lower Upper
184 100
185 13.7 10.9 16.3
183 11.8 9.2 13.8

Manual Integrations
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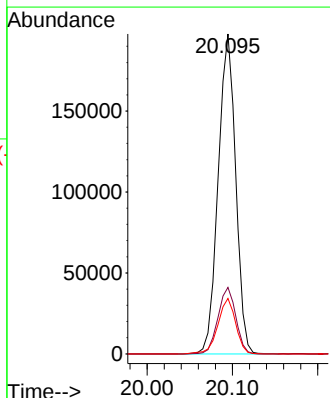
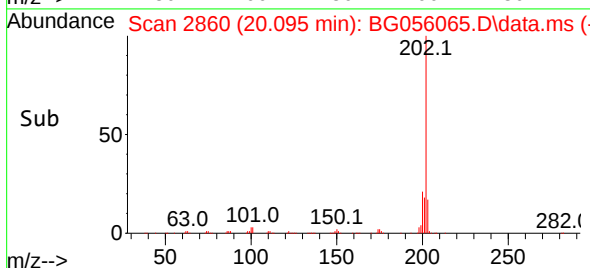
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

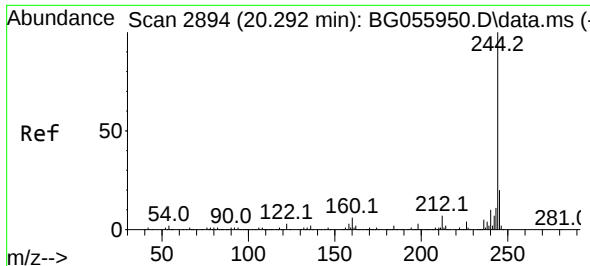


#78
Pyrene
Concen: 38.996 ng
RT: 20.095 min Scan# 2860
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55



Tgt Ion:202 Resp: 281309
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.3 14.6 21.8





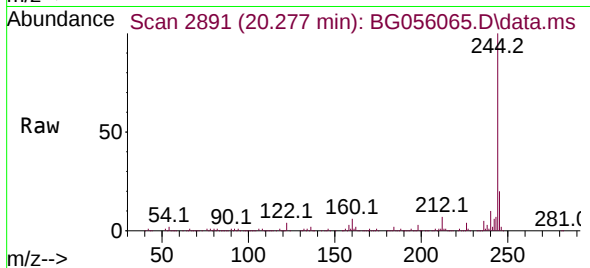
#79
 Terphenyl-d14
 Concen: 76.729 ng
 RT: 20.277 min Scan# 2891
 Delta R.T. -0.003 min
 Lab File: BG056065.D
 Acq: 22 Dec 2022 16:55

Instrument :

BNA_G

ClientSampleId :

PB149663BS

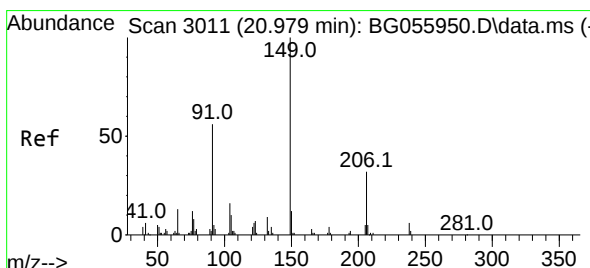
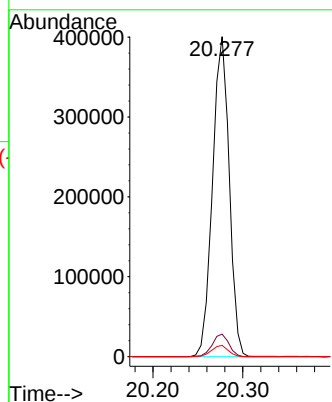
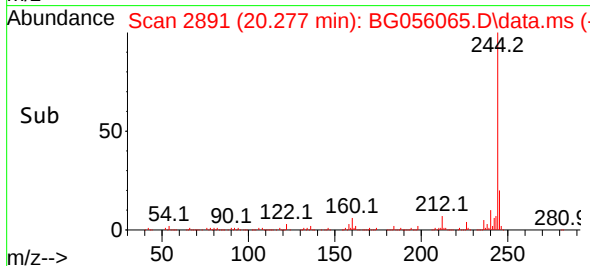


Tgt Ion:244 Resp: 517556
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 3.5 2.5 3.7

Manual Integrations

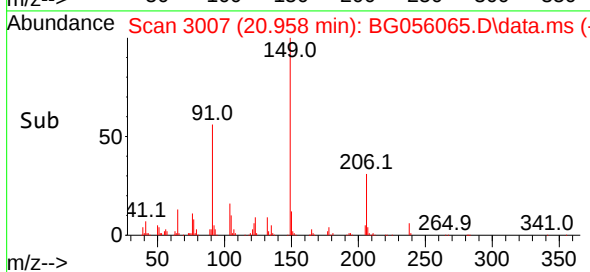
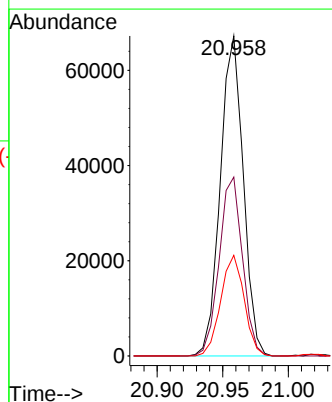
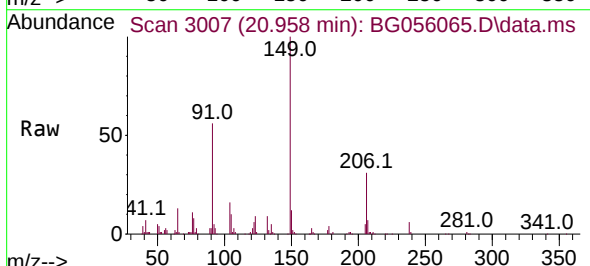
APPROVED

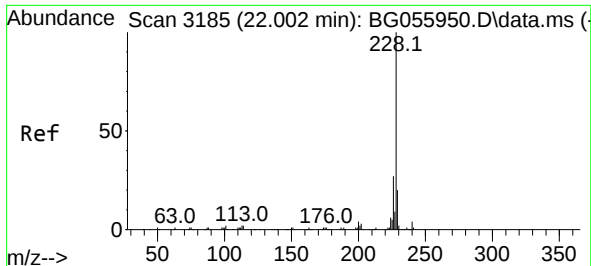
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#80
 Butylbenzylphthalate
 Concen: 40.026 ng
 RT: 20.958 min Scan# 3007
 Delta R.T. -0.003 min
 Lab File: BG056065.D
 Acq: 22 Dec 2022 16:55

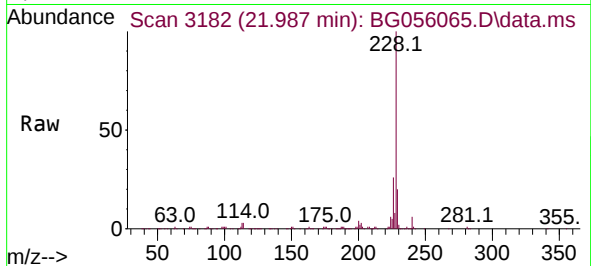
Tgt Ion:149 Resp: 81818
 Ion Ratio Lower Upper
 149 100
 91 55.9 44.5 66.7
 206 31.4 25.8 38.6





#81
Benzo(a)anthracene
Concen: 37.052 ng
RT: 21.987 min Scan# 3185
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

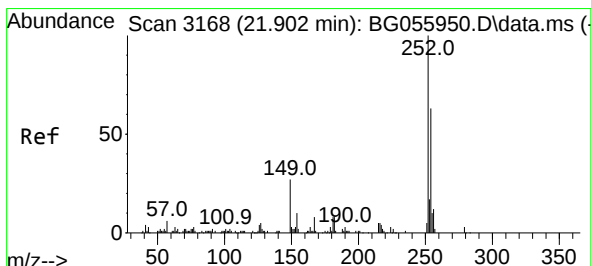
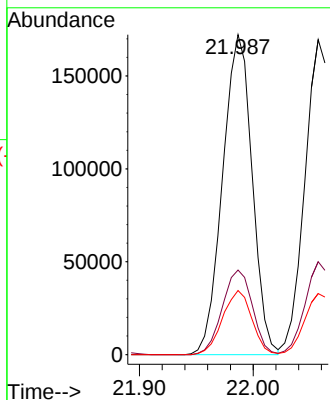
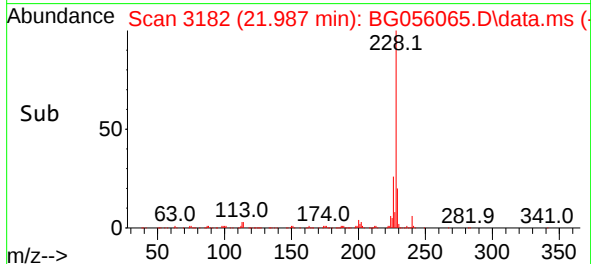
Instrument :
BNA_G
ClientSampleId :
PB149663BS



Tgt Ion:228 Resp: 310830
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.6
229 20.0 15.9 23.9

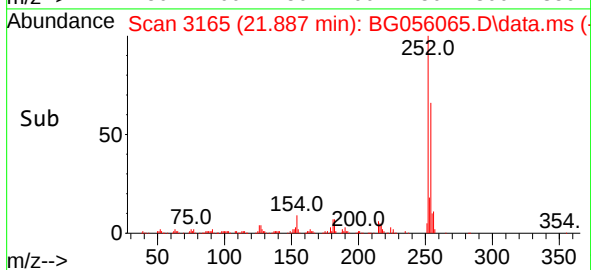
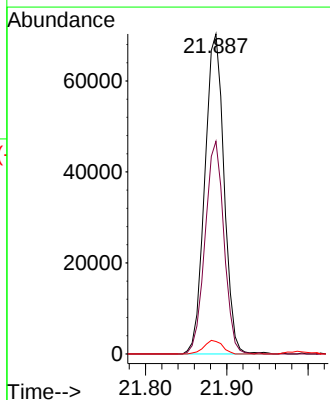
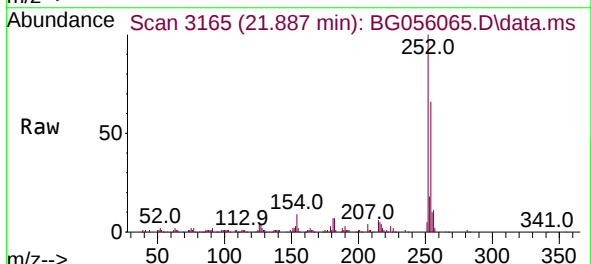
Manual Integrations
APPROVED

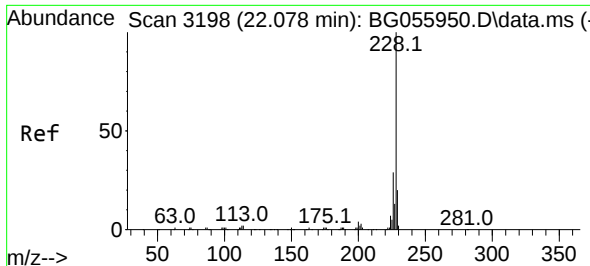
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.266 ng
RT: 21.887 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

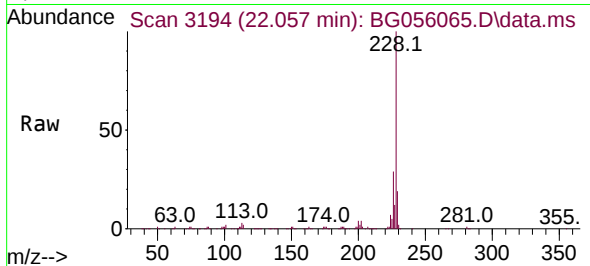
Tgt Ion:252 Resp: 115496
Ion Ratio Lower Upper
252 100
254 66.4 50.2 75.2
126 3.9 3.1 4.7





#83
Chrysene
Concen: 37.065 ng
RT: 22.057 min Scan# 3198
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

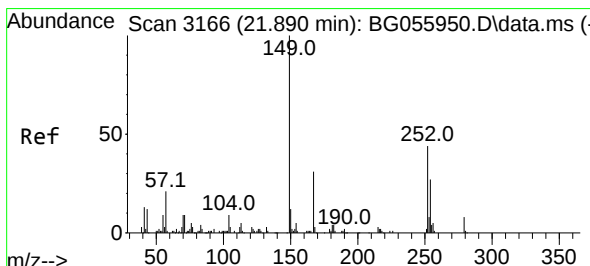
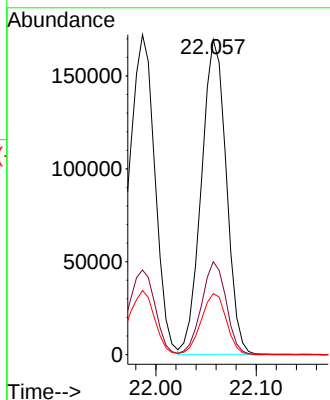
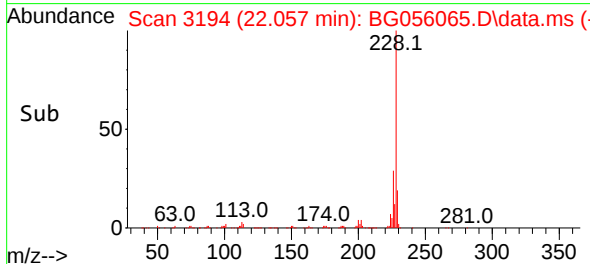
Instrument :
BNA_G
ClientSampleId :
PB149663BS



Tgt Ion:228 Resp: 291415
Ion Ratio Lower Upper
228 100
226 29.5 23.1 34.7
229 19.4 15.7 23.5

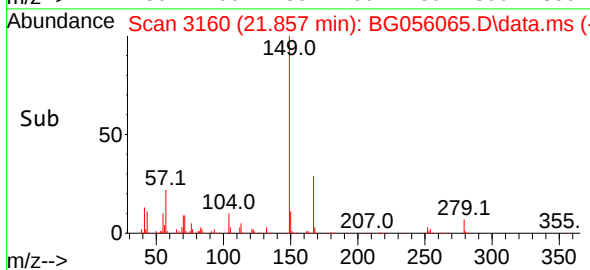
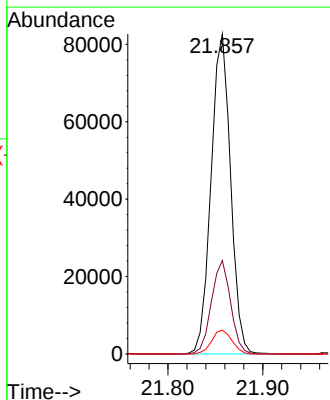
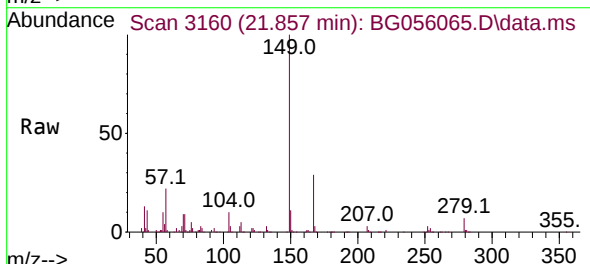
Manual Integrations
APPROVED

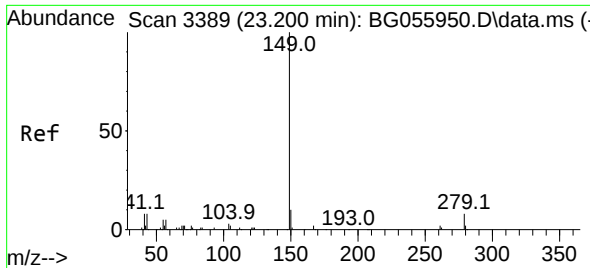
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.878 ng
RT: 21.857 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

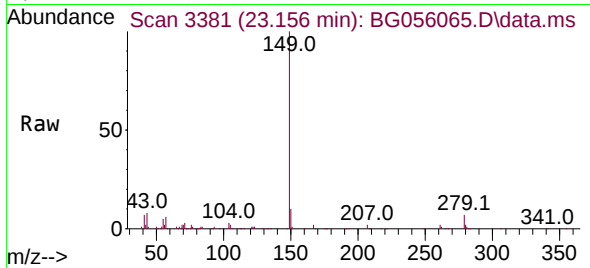
Tgt Ion:149 Resp: 118069
Ion Ratio Lower Upper
149 100
167 29.2 24.6 36.8
279 7.4 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 38.316 ng
RT: 23.156 min Scan# 3389
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

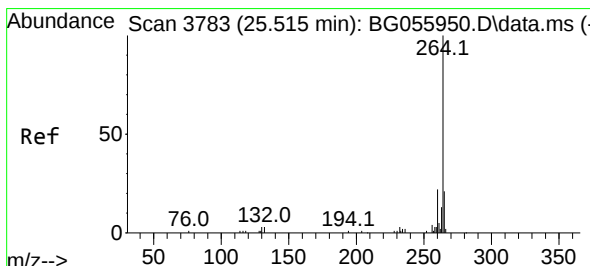
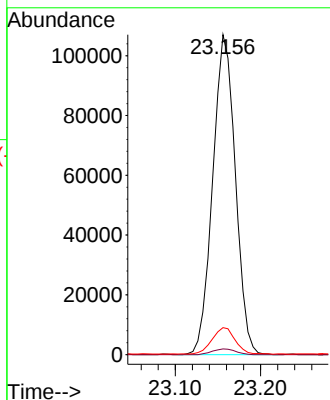
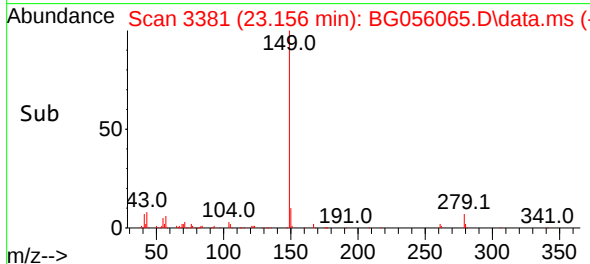
Instrument :
BNA_G
ClientSampleId :
PB149663BS



Tgt Ion:149 Resp: 197386
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.4 6.9 10.3

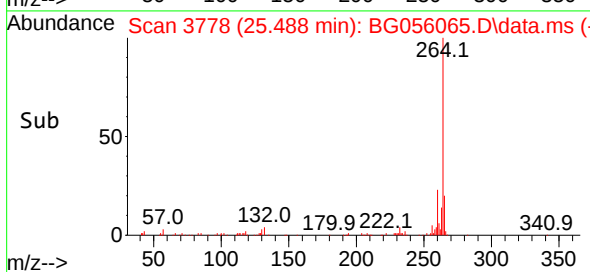
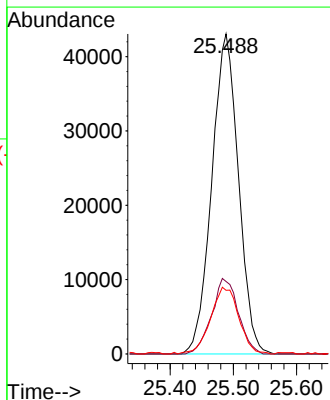
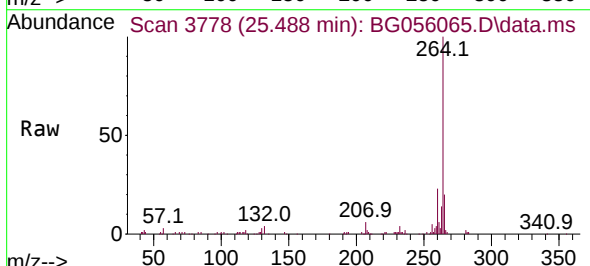
Manual Integrations
APPROVED

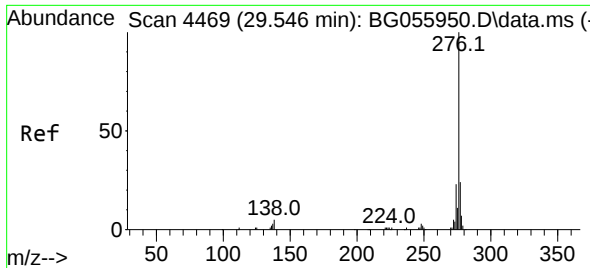
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.488 min Scan# 3778
Delta R.T. -0.003 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

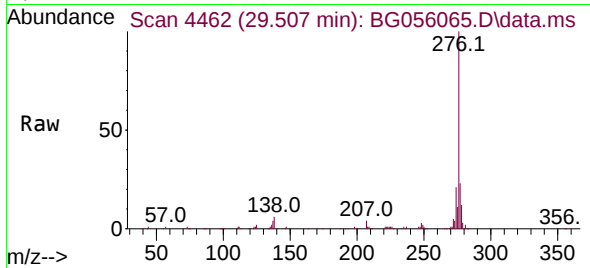
Tgt Ion:264 Resp: 126104
Ion Ratio Lower Upper
264 100
260 22.6 17.8 26.8
265 19.9 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.312 ng
 RT: 29.507 min Scan# 4462
 Delta R.T. -0.003 min
 Lab File: BG056065.D
 Acq: 22 Dec 2022 16:55

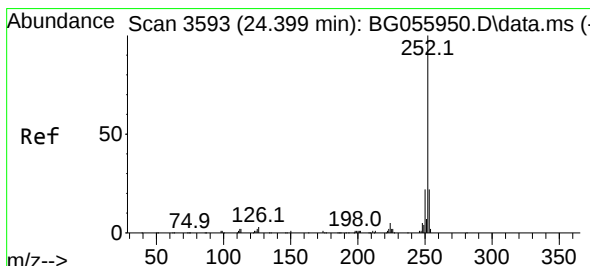
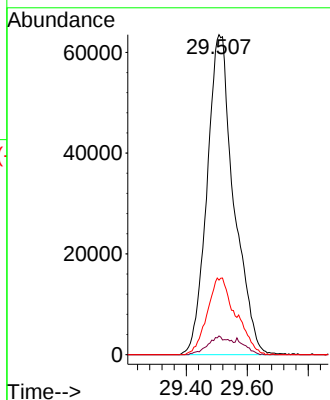
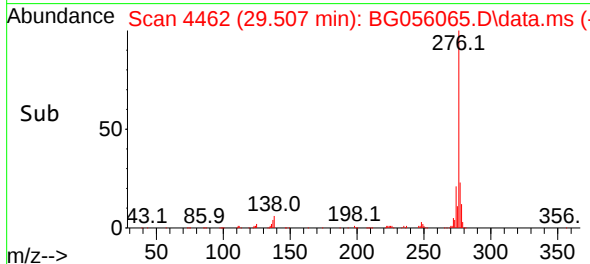
Instrument :
 BNA_G
 ClientSampleId :
 PB149663BS



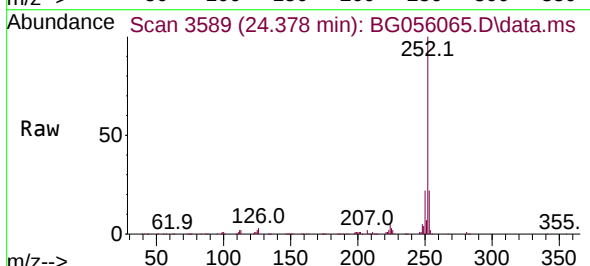
Tgt Ion:276 Resp: 388498
 Ion Ratio Lower Upper
 276 100
 138 4.7 3.0 4.4
 277 25.6 20.4 30.6

Manual Integrations
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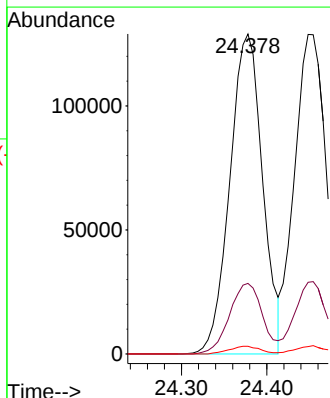
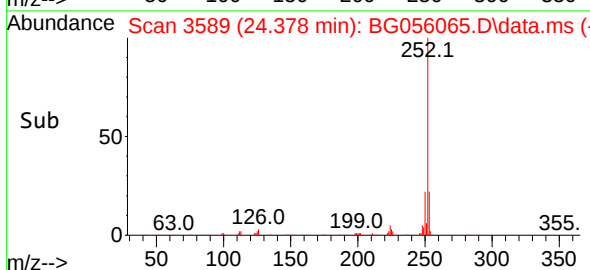
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

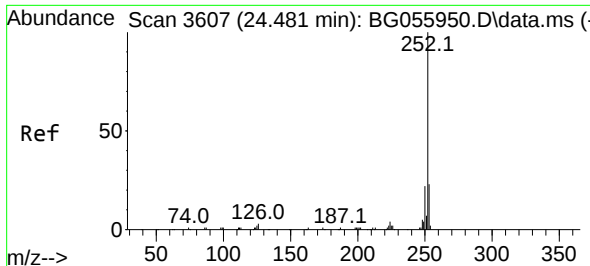


#88
 Benzo(b)fluoranthene
 Concen: 42.121 ng
 RT: 24.378 min Scan# 3589
 Delta R.T. -0.003 min
 Lab File: BG056065.D
 Acq: 22 Dec 2022 16:55



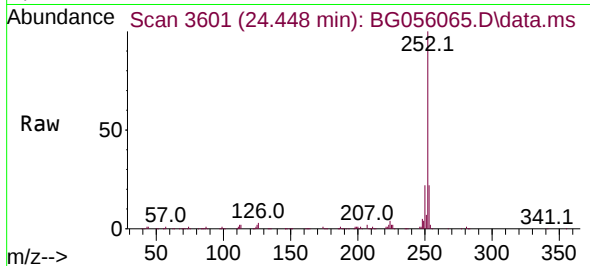
Tgt Ion:252 Resp: 343758
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 2.4 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 40.674 ng
RT: 24.448 min Scan# 3607
Delta R.T. -0.009 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

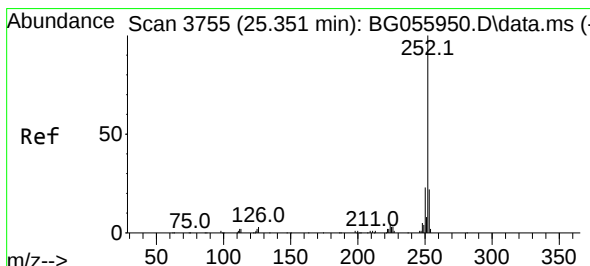
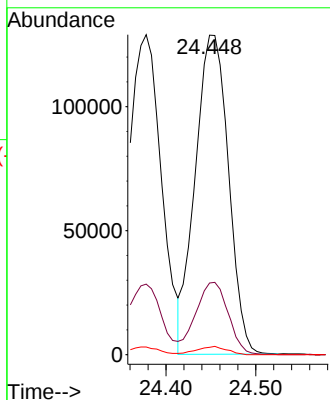
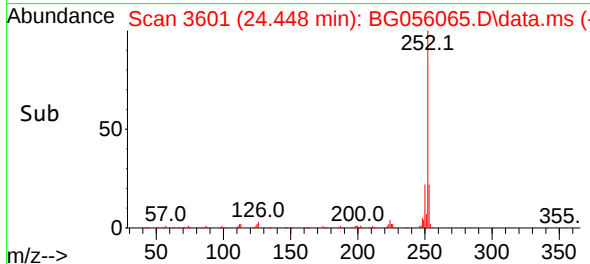
Instrument :
BNA_G
ClientSampleId :
PB149663BS



Tgt Ion:252 Resp: 331191
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 2.3 2.0 3.0

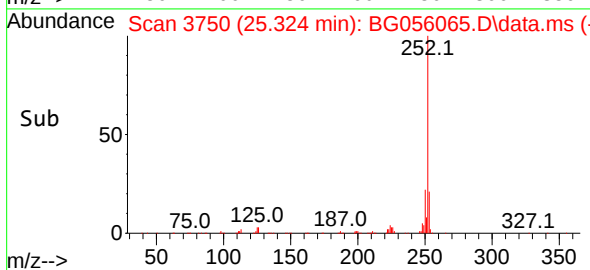
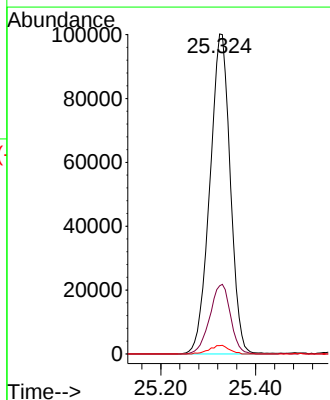
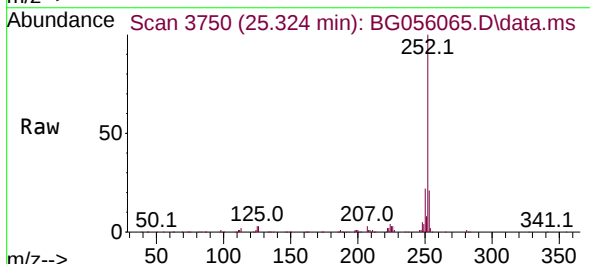
Manual Integrations
APPROVED

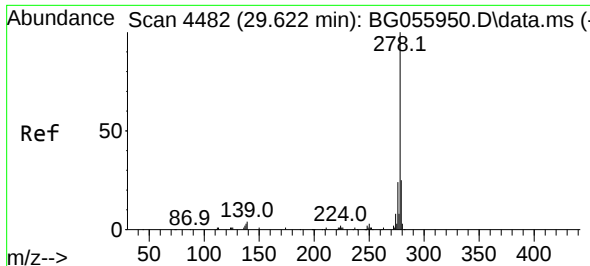
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#90
Benzo(a)pyrene
Concen: 43.337 ng
RT: 25.324 min Scan# 3750
Delta R.T. -0.009 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:252 Resp: 298965
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 2.6 1.9 2.9





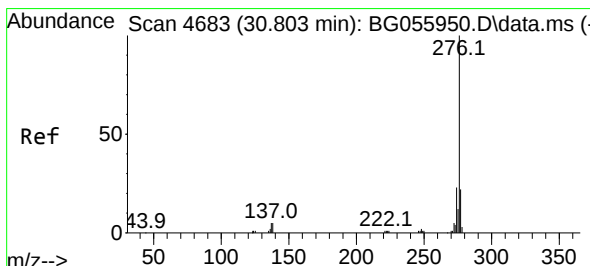
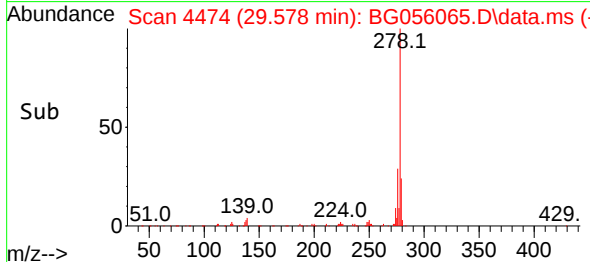
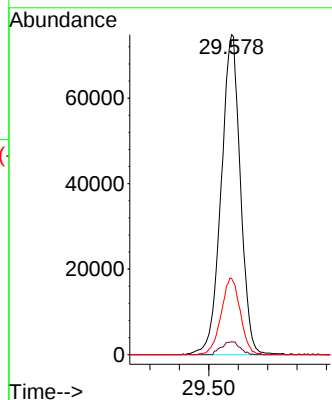
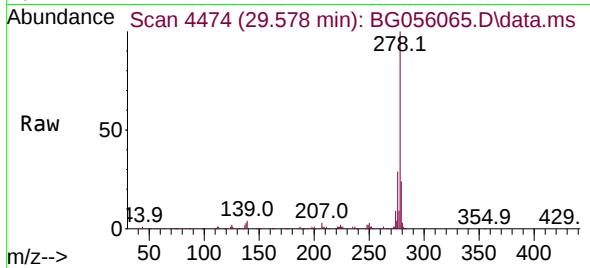
#91
Dibenzo(a,h)anthracene
Concen: 40.029 ng
RT: 29.578 min Scan# 4482
Delta R.T. -0.009 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Instrument :
BNA_G
ClientSampleId :
PB149663BS

Tgt Ion:278 Resp: 339743
Ion Ratio Lower Upper
278 100
139 4.0 2.9 4.3
279 23.8 20.0 30.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#92
Benzo(g,h,i)perylene
Concen: 39.923 ng
RT: 30.776 min Scan# 4678
Delta R.T. -0.009 min
Lab File: BG056065.D
Acq: 22 Dec 2022 16:55

Tgt Ion:276 Resp: 327618
Ion Ratio Lower Upper
276 100
277 23.3 17.8 26.6
138 4.7 3.8 5.6

