

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056064.D
 Acq On : 22 Dec 2022 16:10
 Operator : CG/JU
 Sample : N6126-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 05:17:40 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	8.361	152	11330	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	40942	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	33786	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	91173	20.000	ng	0.00
76) Chrysene-d12	22.004	240	94529	20.000	ng	0.00
86) Perylene-d12	25.482	264	112122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	68253	141.276	ng	0.00
7) Phenol-d6	7.492	99	84528	136.037	ng	0.00
23) Nitrobenzene-d5	9.531	82	55895	95.405	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	107753	132.264	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	196795	81.691	ng	0.00
79) Terphenyl-d14	20.277	244	429268	80.259	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.696	88	7290	51.851	ng	93
3) Pyridine	4.119	79	19289	41.688	ng	89
4) n-Nitrosodimethylamine	4.025	42	16598	39.905	ng	# 82
6) Aniline	7.668	93	16853	22.654	ng	95
8) 2-Chlorophenol	7.915	128	29947	48.047	ng	97
9) Benzaldehyde	7.480	77	16727	42.865	ng	98
10) Phenol	7.521	94	30894	45.429	ng	96
11) bis(2-Chloroethyl)ether	7.756	93	19456	43.922	ng	86
12) 1,3-Dichlorobenzene	8.244	146	35326	43.814	ng	93
13) 1,4-Dichlorobenzene	8.391	146	35487	43.067	ng	95
14) 1,2-Dichlorobenzene	8.720	146	34230	43.468	ng	98
15) Benzyl Alcohol	8.590	79	26833	41.560	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.878	45	29249m	50.734	ng	
17) 2-Methylphenol	8.784	107	23841	44.558	ng	91
18) Hexachloroethane	9.454	117	11641	46.541	ng	93
19) n-Nitroso-di-n-propyla...	9.160	70	18351	41.203	ng	# 93
20) 3+4-Methylphenols	9.113	107	32280	42.276	ng	98
22) Acetophenone	9.184	105	43085	42.451	ng	99
24) Nitrobenzene	9.572	77	30329	51.430	ng	95
25) Isophorone	10.095	82	52884	43.047	ng	98
26) 2-Nitrophenol	10.288	139	17946	51.407	ng	91
27) 2,4-Dimethylphenol	10.335	122	26675m	45.498	ng	
28) bis(2-Chloroethoxy)met...	10.570	93	27566	50.770	ng	97
29) 2,4-Dichlorophenol	10.823	162	39046	46.922	ng	99
30) 1,2,4-Trichlorobenzene	11.046	180	46456	42.945	ng	92
31) Naphthalene	11.240	128	90458	41.873	ng	97
32) Benzoic acid	10.459	122	22196	44.606	ng	# 77
33) 4-Chloroaniline	11.340	127	8291	8.953	ng	94
34) Hexachlorobutadiene	11.516	225	40625	39.947	ng	92
35) Caprolactam	12.104	113	8990m	38.775	ng	
36) 4-Chloro-3-methylphenol	12.427	107	33939	43.495	ng	96
37) 2-Methylnaphthalene	12.821	142	76045	39.843	ng	96
38) 1-Methylnaphthalene	13.032	142	70519	37.927	ng	97
40) 1,2,4,5-Tetrachloroben...	13.179	216	67731	47.514	ng	99
41) Hexachlorocyclopentadiene	13.156	237	101281	125.240	ng	98
43) 2,4,6-Trichlorophenol	13.408	196	42555	50.431	ng	98

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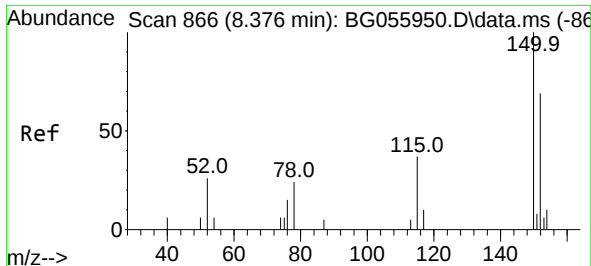
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	47335	49.763	ng	96
46) 1,1'-Biphenyl	13.808	154	110373	48.196	ng	98
47) 2-Chloronaphthalene	13.855	162	86864	46.681	ng	94
48) 2-Nitroaniline	14.043	65	21166	57.132	ng	93
49) Acenaphthylene	14.695	152	134082	45.143	ng	98
50) Dimethylphthalate	14.407	163	121742	41.678	ng	98
51) 2,6-Dinitrotoluene	14.531	165	25858	57.205	ng	92
52) Acenaphthene	15.030	154	106770m	53.546	ng	
53) 3-Nitroaniline	14.860	138	8413	18.298	ng	98
54) 2,4-Dinitrophenol	15.065	184	39934	118.837	ng	# 79
55) Dibenzofuran	15.359	168	147611	44.022	ng	97
56) 4-Nitrophenol	15.153	139	38203	103.688	ng	99
57) 2,4-Dinitrotoluene	15.312	165	37918	55.573	ng	92
58) Fluorene	16.005	166	114982	41.949	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.576	232	50252	46.244	ng	99
60) Diethylphthalate	15.759	149	113163	39.637	ng	99
61) 4-Chlorophenyl-phenyle...	15.988	204	81074	43.418	ng	98
62) 4-Nitroaniline	16.017	138	22446	44.829	ng	95
63) Azobenzene	16.281	77	75608	43.510	ng	96
65) 4,6-Dinitro-2-methylph...	16.070	198	27149	62.335	ng	90
66) n-Nitrosodiphenylamine	16.199	169	106054	44.388	ng	98
67) 4-Bromophenyl-phenylether	16.881	248	60456	45.253	ng	96
68) Hexachlorobenzene	17.004	284	70890	43.079	ng	97
69) Atrazine	17.133	200	52147	48.203	ng	96
70) Pentachlorophenol	17.345	266	90709	96.421	ng	95
71) Phenanthrene	17.744	178	209789	43.908	ng	99
72) Anthracene	17.838	178	208566	44.123	ng	98
73) Carbazole	18.097	167	168182	43.140	ng	98
74) Di-n-butylphthalate	18.632	149	189042	41.696	ng	98
75) Fluoranthene	19.730	202	274153	40.976	ng	99
77) Benzidine	19.895	184	61535	37.067	ng	97
78) Pyrene	20.095	202	272681	47.671	ng	99
80) Butylbenzylphthalate	20.958	149	79327	48.942	ng	98
81) Benzo(a)anthracene	21.986	228	302997	45.551	ng	99
82) 3,3'-Dichlorobenzidine	21.881	252	45278	18.919	ng	98
83) Chrysene	22.057	228	282118	45.253	ng	98
84) Bis(2-ethylhexyl)phtha...	21.857	149	112578	46.750	ng	98
85) Di-n-octyl phthalate	23.156	149	194169	47.534	ng	99
87) Indeno(1,2,3-cd)pyrene	29.501	276	389416	43.191	ng	# 99
88) Benzo(b)fluoranthene	24.378	252	332018	45.755	ng	99
89) Benzo(k)fluoranthene	24.454	252	320916	44.327	ng	99
90) Benzo(a)pyrene	25.324	252	290780	47.407	ng	99
91) Dibenzo(a,h)anthracene	29.578	278	330452	43.789	ng	98
92) Benzo(g,h,i)perylene	30.770	276	315039	43.178	ng	97

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

Manual Integrations

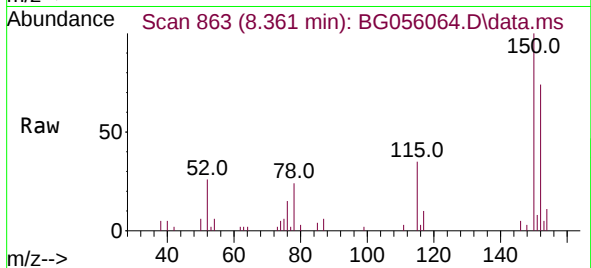
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 80
Delta R.T. 0.008 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

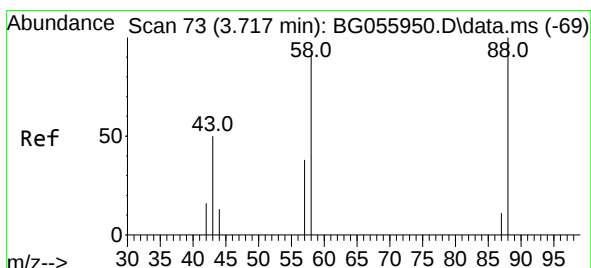
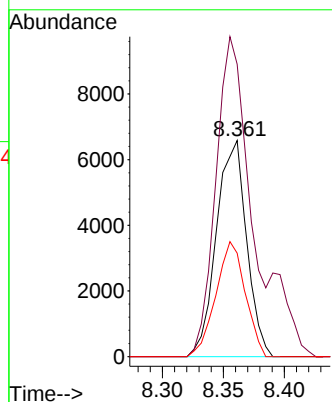
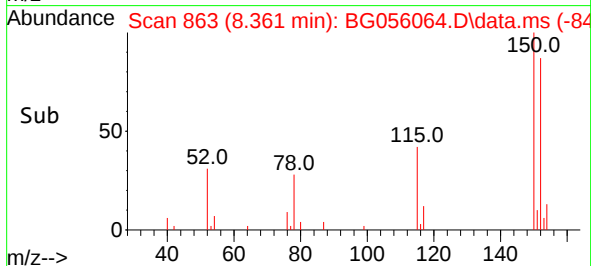
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:152 Resp: 11330
Ion Ratio Lower Upper
152 100
150 135.4 115.7 173.5
115 47.9 43.0 64.4

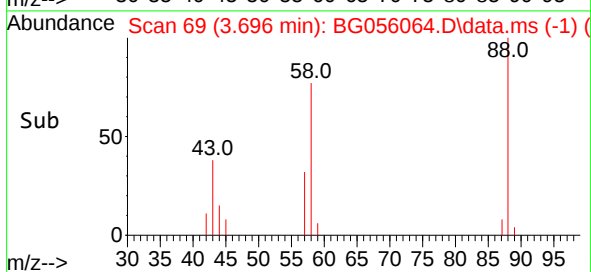
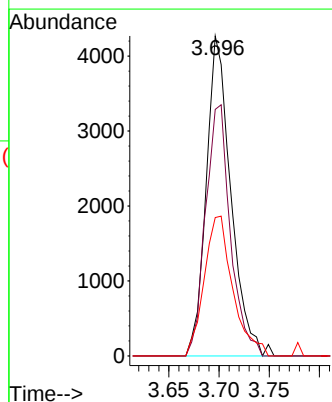
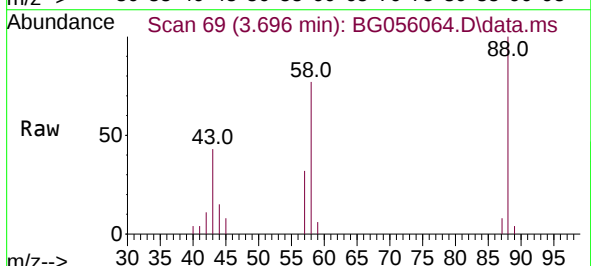
Manual Integrations
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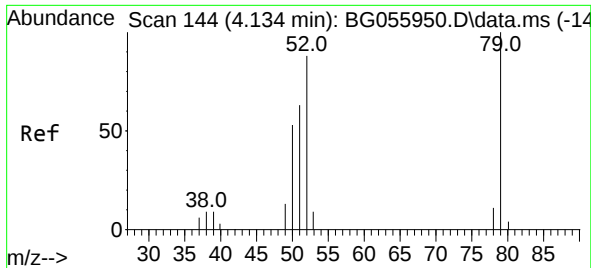
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#2
1,4-Dioxane
Concen: 51.851 ng
RT: 3.696 min Scan# 69
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion: 88 Resp: 7290
Ion Ratio Lower Upper
88 100
58 79.0 67.0 100.4
43 50.5 45.7 68.5





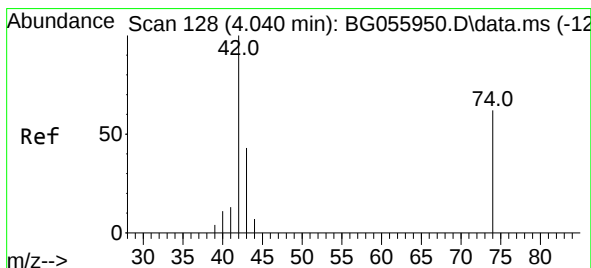
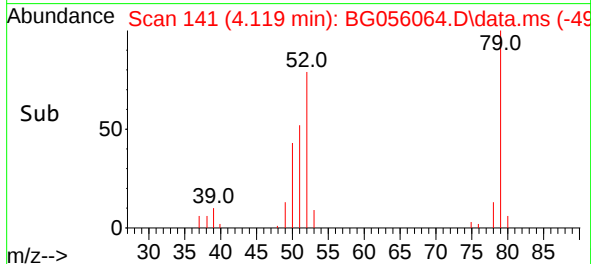
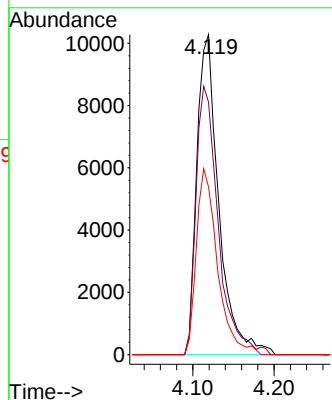
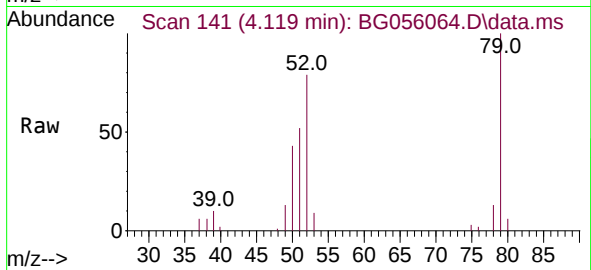
#3
Pyridine
Concen: 41.688 ng
RT: 4.119 min Scan# 144
Delta R.T. 0.008 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion: 79 Resp: 19289
Ion Ratio Lower Upper
79 100
52 78.9 70.3 105.5
51 52.4 50.6 76.0

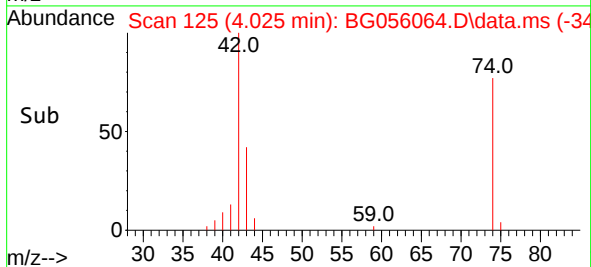
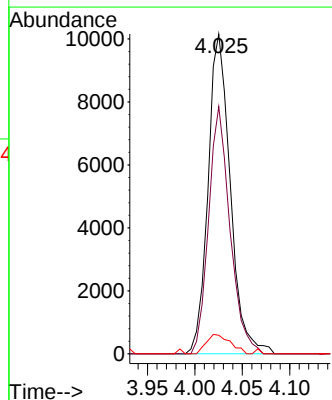
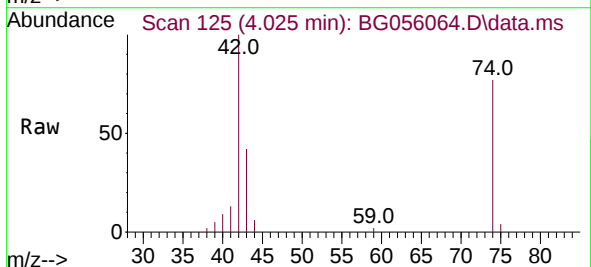
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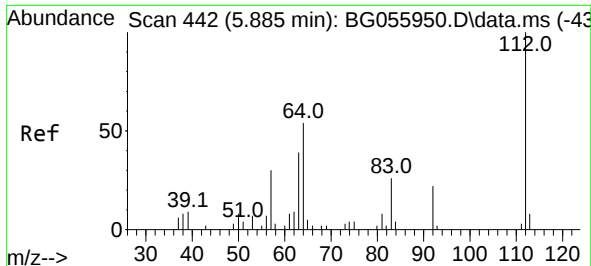
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#4
n-Nitrosodimethylamine
Concen: 39.905 ng
RT: 4.025 min Scan# 125
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion: 42 Resp: 16598
Ion Ratio Lower Upper
42 100
74 77.3 49.8 74.6#
44 5.8 5.2 7.8





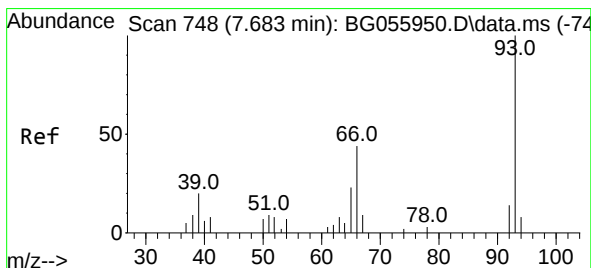
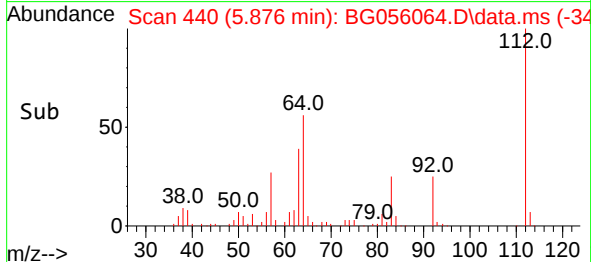
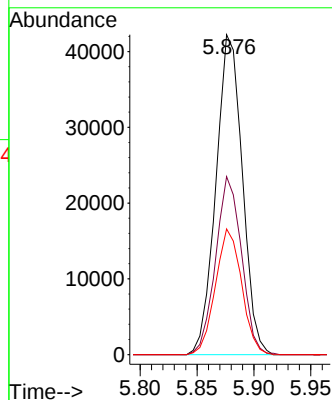
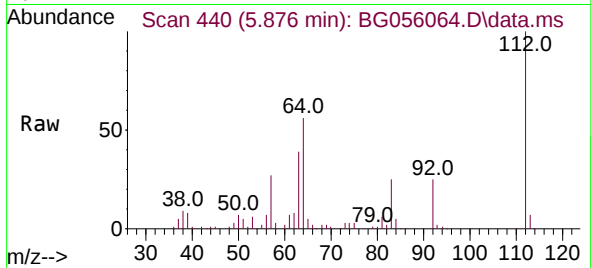
#5
2-Fluorophenol
Concen: 141.276 ng
RT: 5.876 min Scan# 442
Delta R.T. 0.008 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion:112 Resp: 68253
Ion Ratio Lower Upper
112 100
64 55.6 43.0 64.4
63 39.3 31.4 47.2

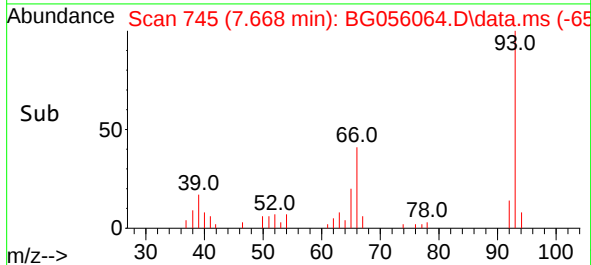
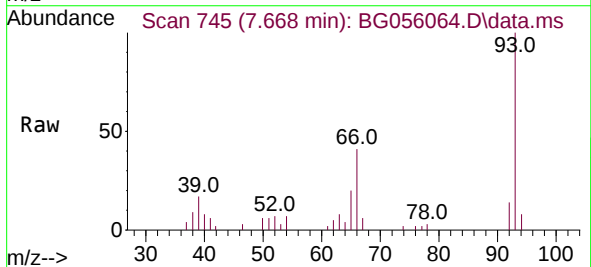
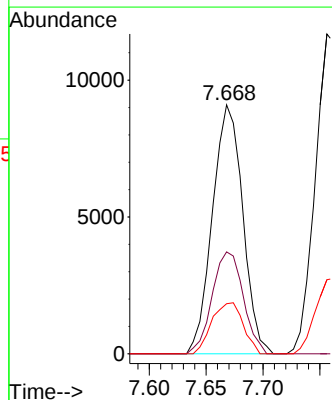
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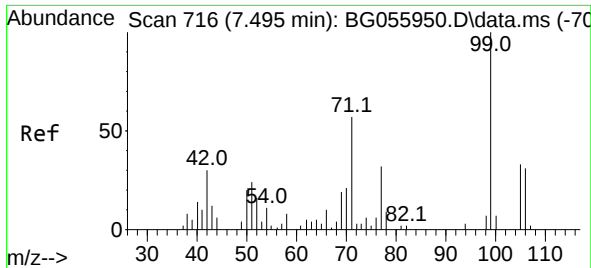
Reviewed By :Christian Giraldo 12/23/2022
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#6
Aniline
Concen: 22.654 ng
RT: 7.668 min Scan# 745
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

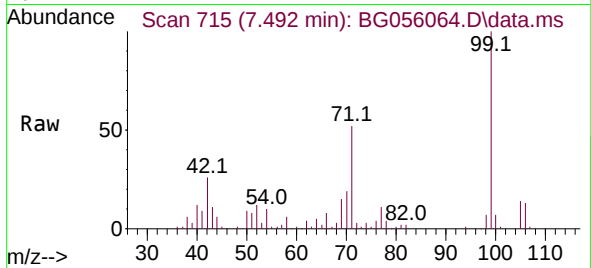
Tgt Ion: 93 Resp: 16853
Ion Ratio Lower Upper
93 100
66 40.9 35.5 53.3
65 20.1 18.2 27.2





#7
Phenol-d6
Concen: 136.037 ng
RT: 7.492 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

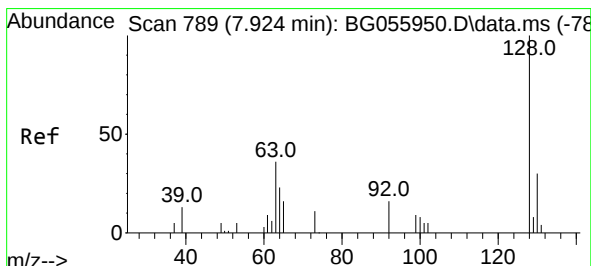
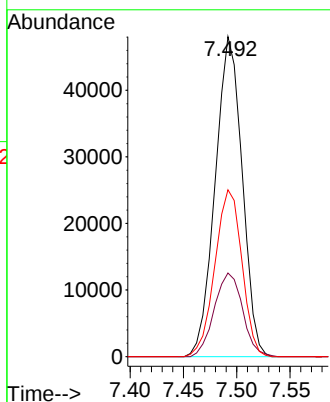
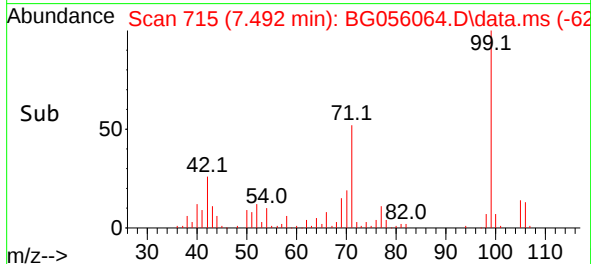
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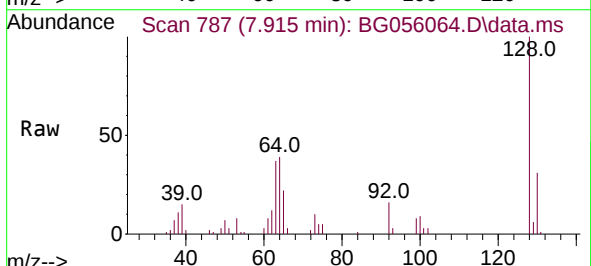
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Ion Ratio Lower Upper
99 100
42 26.1 24.3 36.5
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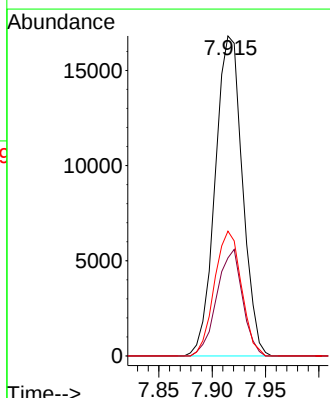
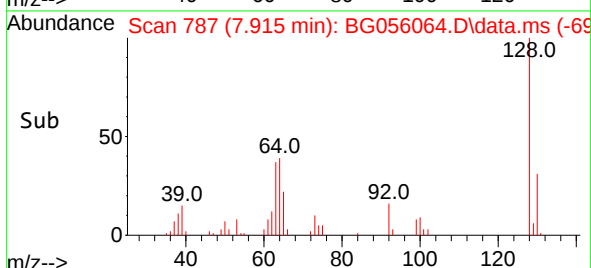
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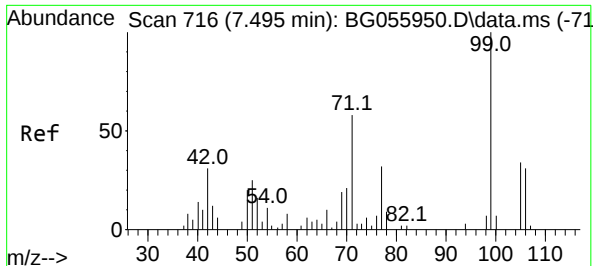


#8
2-Chlorophenol
Concen: 48.047 ng
RT: 7.915 min Scan# 787
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



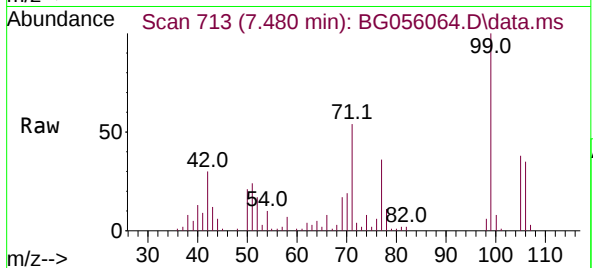
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Ion Ratio Lower Upper
128 100
130 30.6 9.9 49.9
64 39.0 16.7 56.7





#9
Benzaldehyde
Concen: 42.865 ng
RT: 7.480 min Scan# 716
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

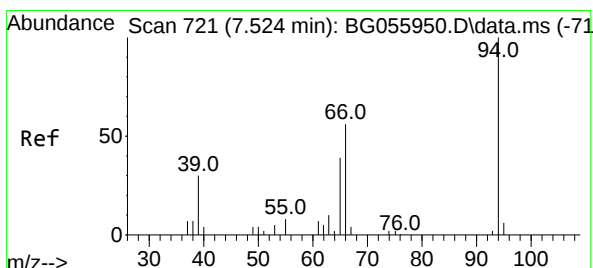
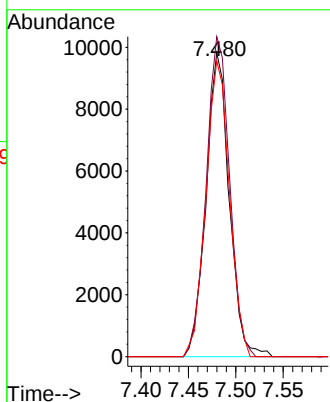
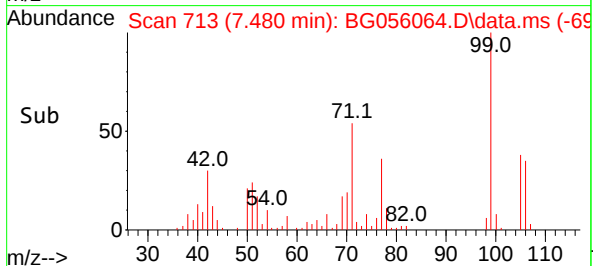
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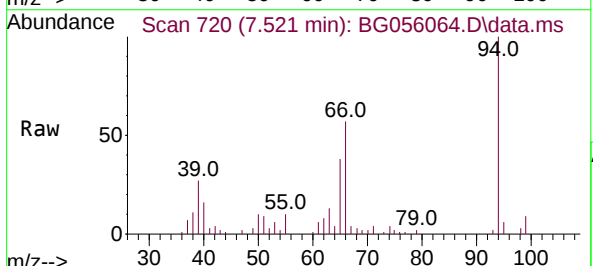
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Ion Ratio Lower Upper
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105 105.4 83.1 123.1
106 97.4 76.3 116.3

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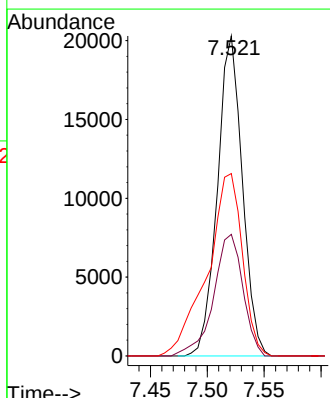
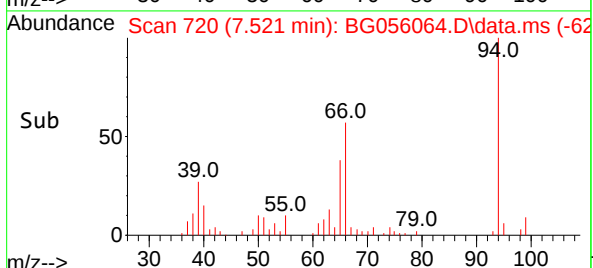
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

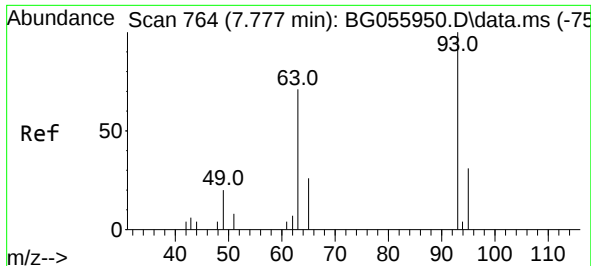


#10
Phenol
Concen: 45.429 ng
RT: 7.521 min Scan# 720
Delta R.T. 0.008 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



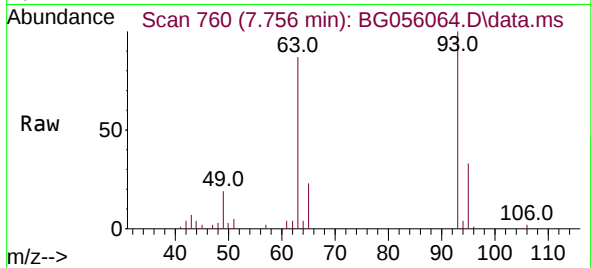
Tgt Ion: 94 Resp: 30894
Ion Ratio Lower Upper
94 100
65 38.0 18.9 58.9
66 57.0 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 43.922 ng
RT: 7.756 min Scan# 764
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

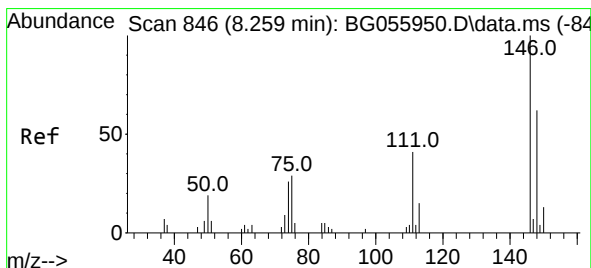
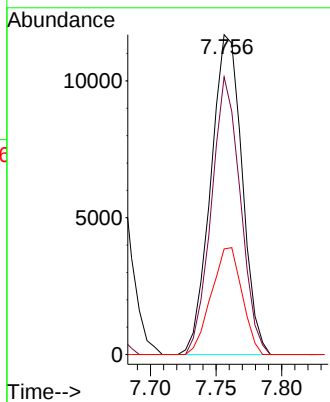
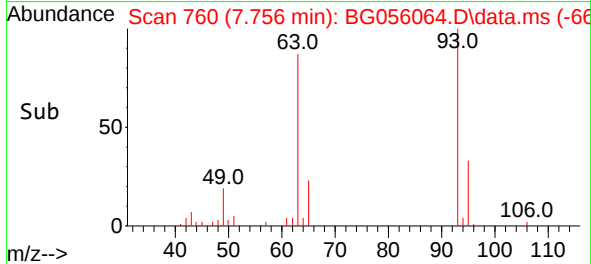
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion: 93 Resp: 19456
Ion Ratio Lower Upper
93 100
63 86.8 51.4 91.4
95 33.0 11.3 51.3

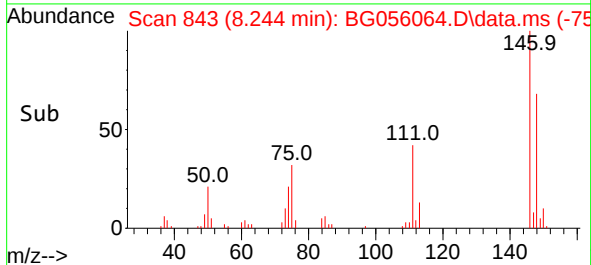
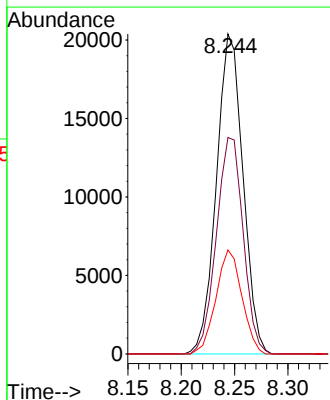
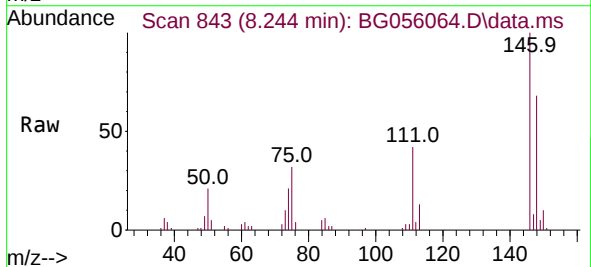
Manual Integrations
APPROVED

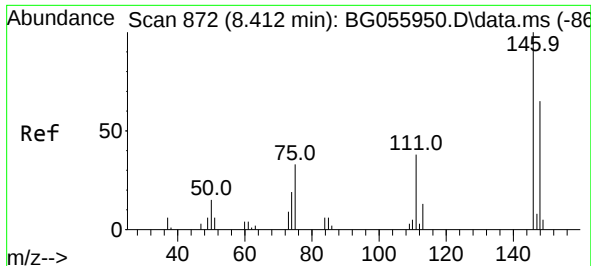
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
1,3-Dichlorobenzene
Concen: 43.814 ng
RT: 8.244 min Scan# 843
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion:146 Resp: 35326
Ion Ratio Lower Upper
146 100
148 67.6 49.7 74.5
75 32.5 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 43.067 ng

RT: 8.391 min Scan# 80

Delta R.T. -0.004 min

Lab File: BG056064.D

Acq: 22 Dec 2022 16:10

Instrument :

BNA_G

ClientSampleId :

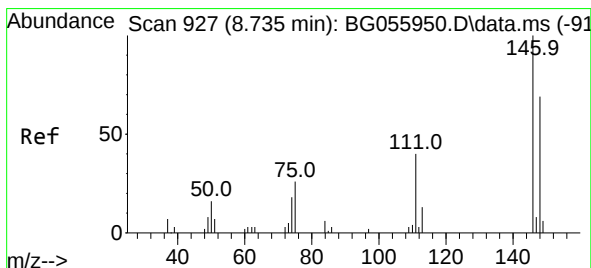
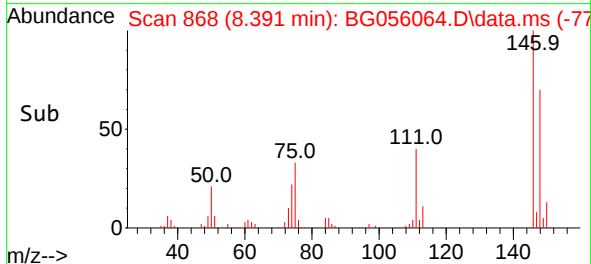
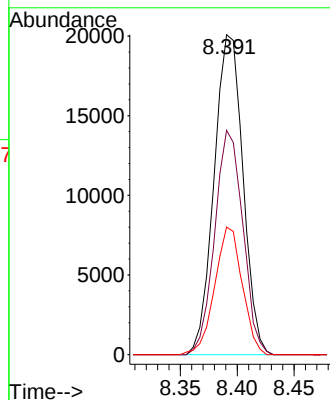
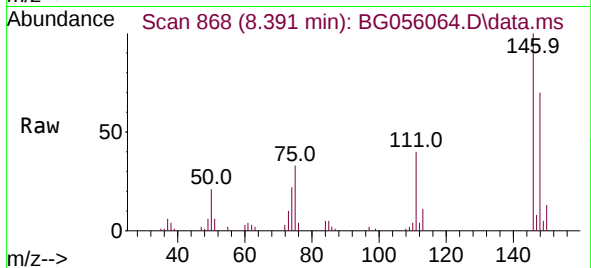
A5(0-6)MSD

Tgt Ion:146 Resp: 3548
 Ion Ratio Lower Upper
 146 100
 148 70.1 52.4 78.6
 111 39.9 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: 43.468 ng

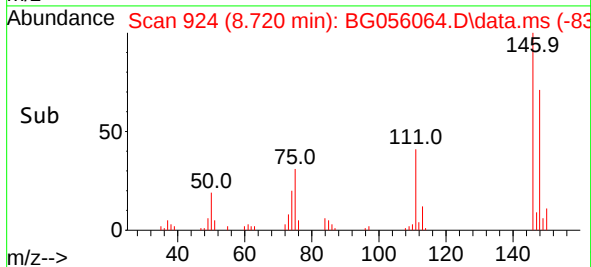
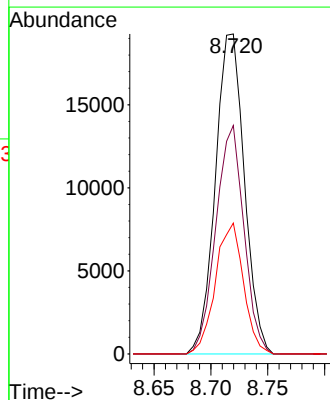
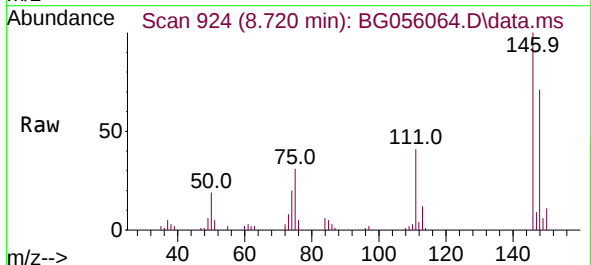
RT: 8.720 min Scan# 924

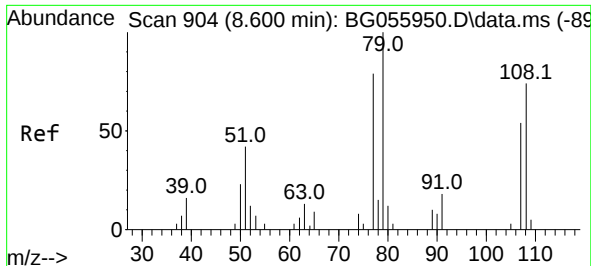
Delta R.T. 0.002 min

Lab File: BG056064.D

Acq: 22 Dec 2022 16:10

Tgt Ion:146 Resp: 34230
 Ion Ratio Lower Upper
 146 100
 148 71.4 55.1 82.7
 111 40.9 32.4 48.6





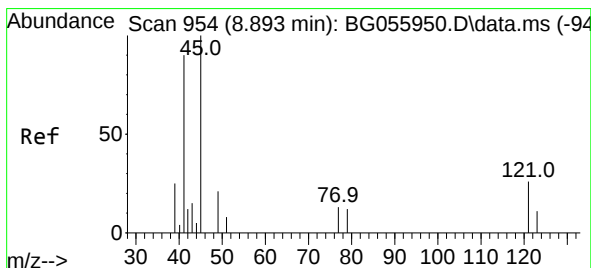
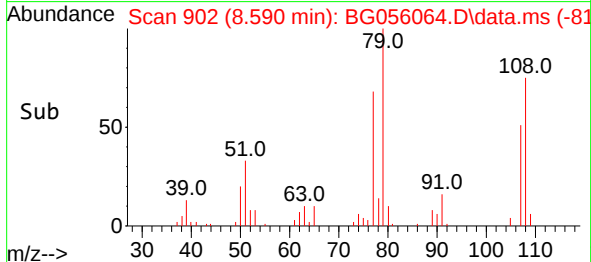
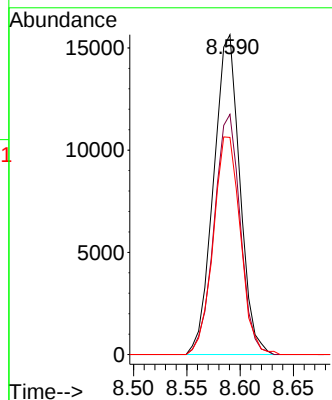
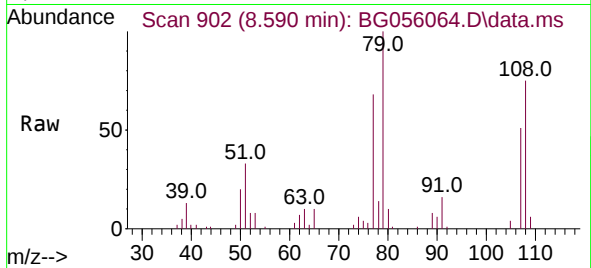
#15
Benzyl Alcohol
Concen: 41.560 ng
RT: 8.590 min Scan# 904
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion: 79 Resp: 26833
Ion Ratio Lower Upper
79 100
108 75.1 59.5 89.3
77 67.9 63.0 94.6

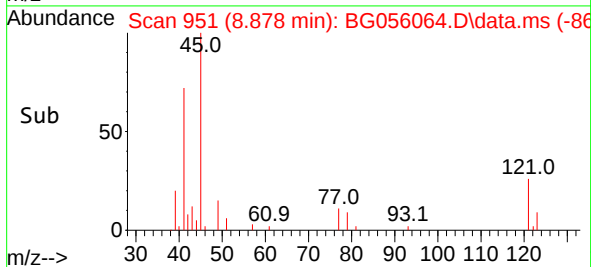
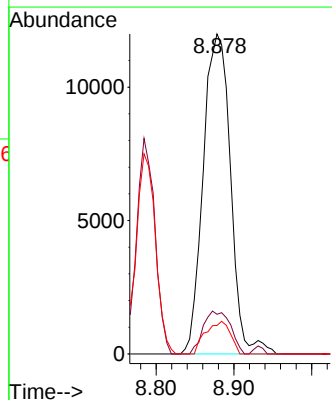
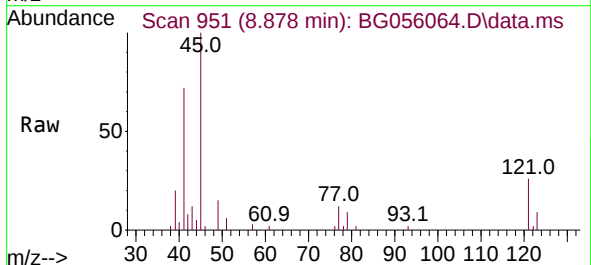
Manual Integrations
APPROVED

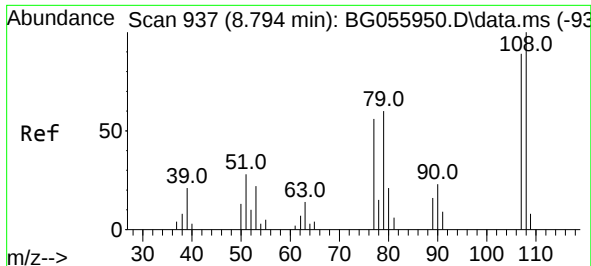
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.734 ng m
RT: 8.878 min Scan# 951
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion: 45 Resp: 29249
Ion Ratio Lower Upper
45 100
77 12.4 0.0 33.4
79 8.9 0.0 31.8





#17

2-Methylphenol

Concen: 44.558 ng

RT: 8.784 min Scan# 937

Delta R.T. 0.002 min

Lab File: BG056064.D

Acq: 22 Dec 2022 16:10

Instrument :

BNA_G

ClientSampleId :

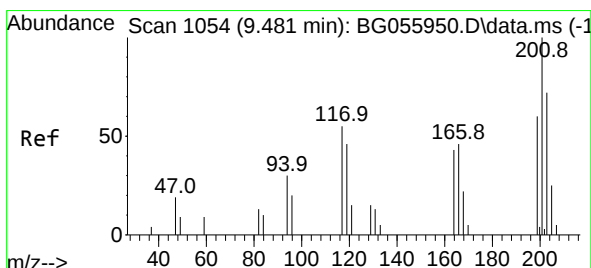
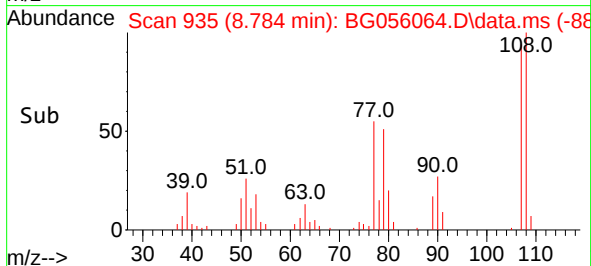
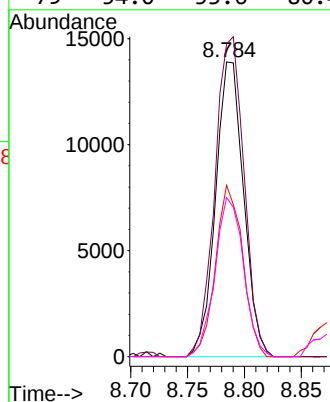
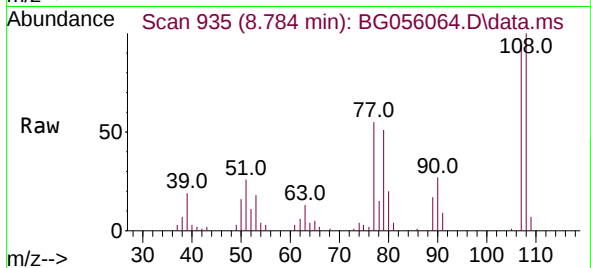
A5(0-6)MSD

Tgt Ion:	107	Resp:	2384
Ion Ratio	Lower	Upper	
107	100		
108	106.1	89.8	134.8
77	58.1	50.2	75.2
79	54.0	53.6	80.4

Manual Integrations

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



#18

Hexachloroethane

Concen: 46.541 ng

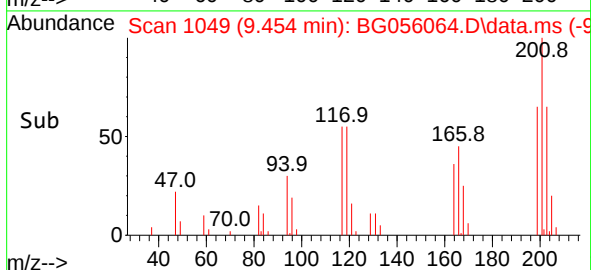
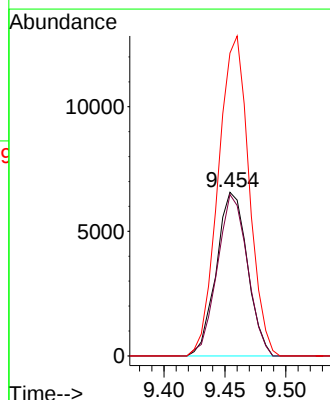
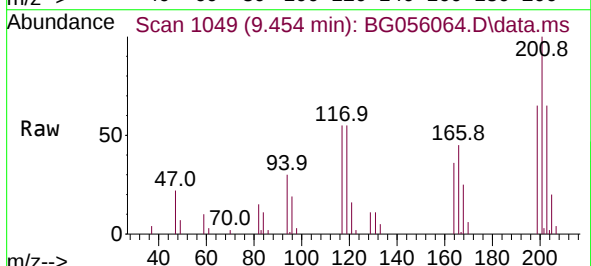
RT: 9.454 min Scan# 1049

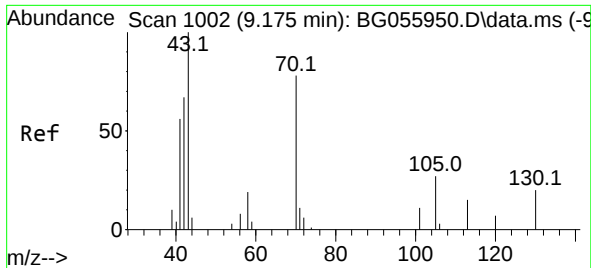
Delta R.T. -0.004 min

Lab File: BG056064.D

Acq: 22 Dec 2022 16:10

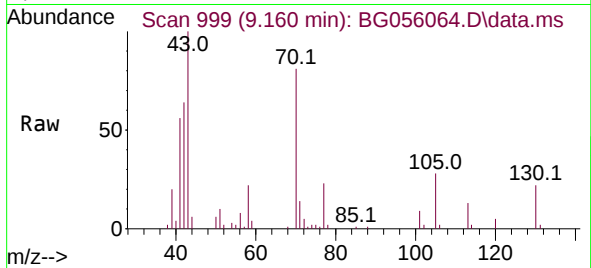
Tgt Ion:	117	Resp:	11641
Ion Ratio	Lower	Upper	
117	100		
119	98.6	66.8	100.2
201	185.1	144.6	217.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.203 ng
RT: 9.160 min Scan# 991
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

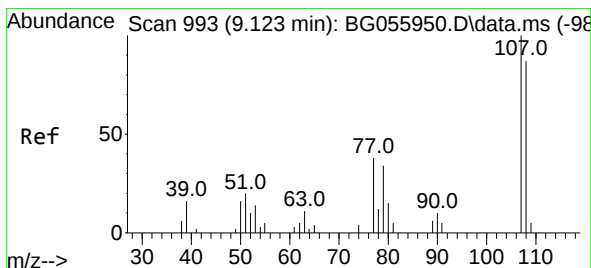
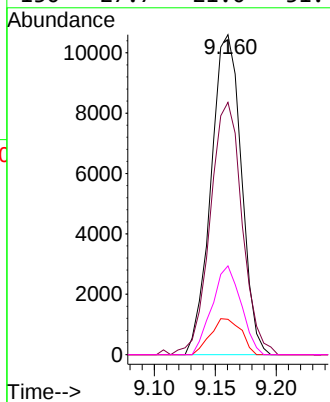
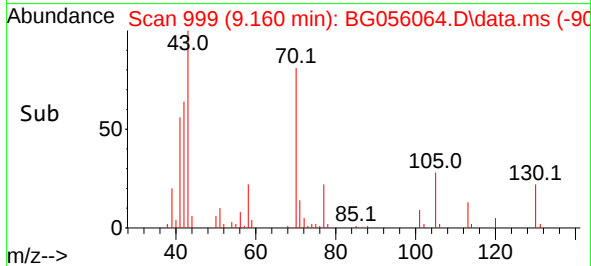
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



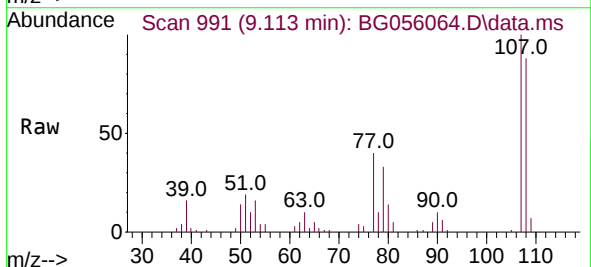
Tgt Ion: 70 Resp: 1835
Ion Ratio Lower Upper
70 100
42 78.8 69.0 103.4
101 11.0 11.8 17.8
130 27.7 21.0 31.4

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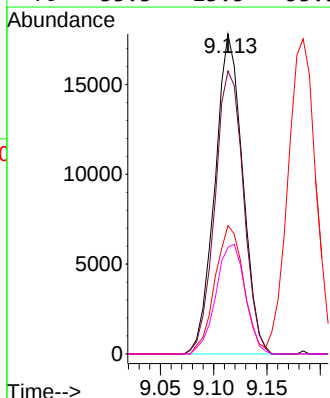
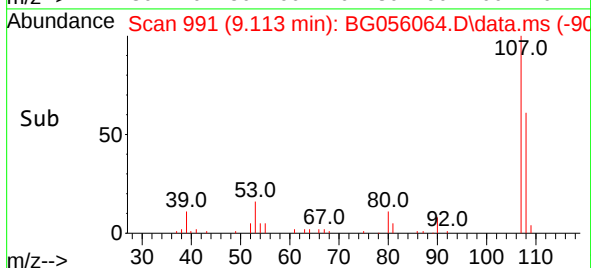
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

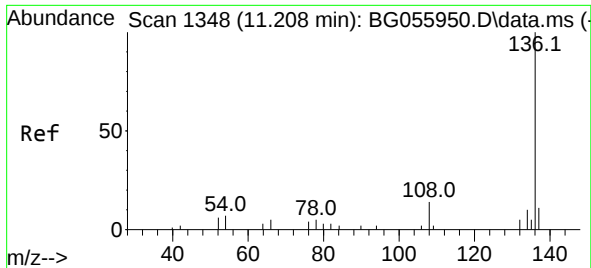


#20
3+4-Methylphenols
Concen: 42.276 ng
RT: 9.113 min Scan# 991
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



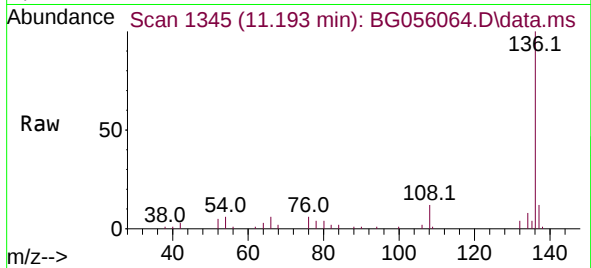
Tgt Ion:107 Resp: 32280
Ion Ratio Lower Upper
107 100
108 88.4 67.0 107.0
77 40.1 18.3 58.3
79 33.3 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1345
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

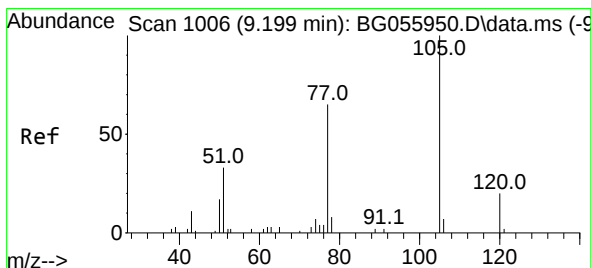
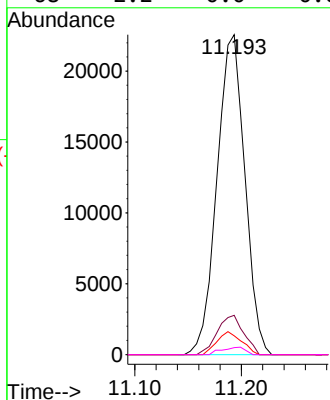
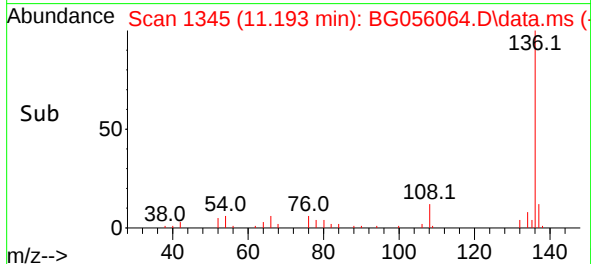
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:136 Resp: 40942
Ion Ratio Lower Upper
136 100
137 12.3 9.2 13.8
54 5.9 5.6 8.4
68 2.2 0.0 0.0#

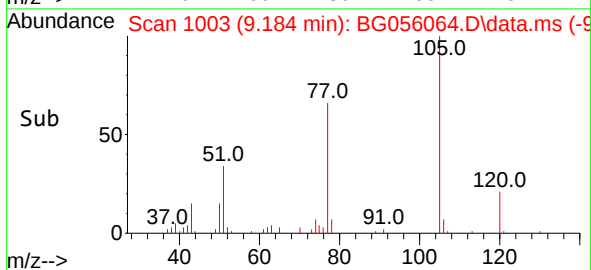
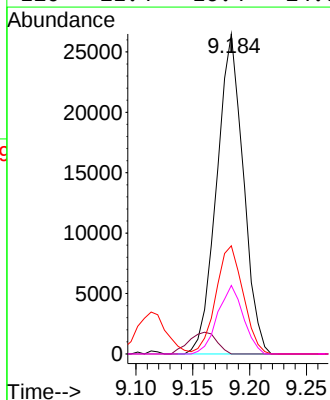
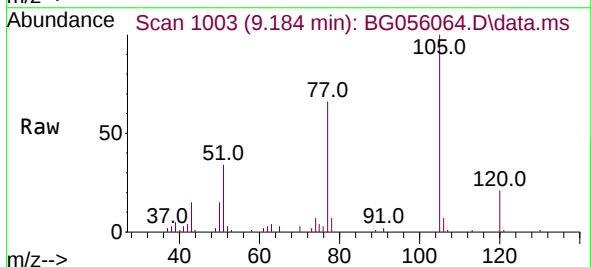
Manual Integrations
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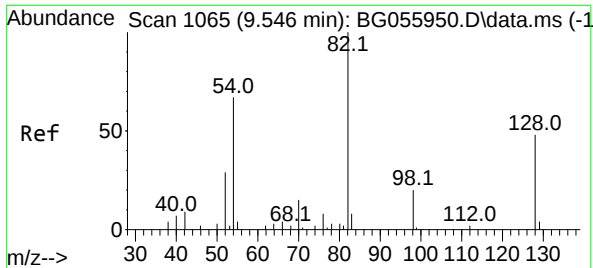
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#22
Acetophenone
Concen: 42.451 ng
RT: 9.184 min Scan# 1003
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion:105 Resp: 43085
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 33.8 26.7 40.1
120 21.4 16.4 24.6





#23
Nitrobenzene-d5
Concen: 95.405 ng
RT: 9.531 min Scan# 1062
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :

BNA_G

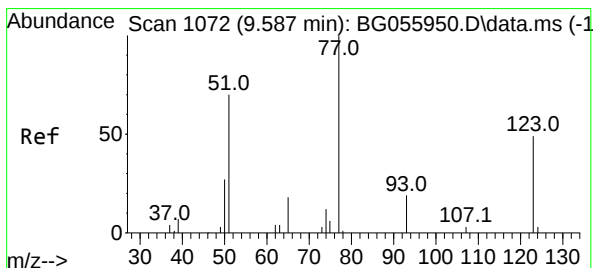
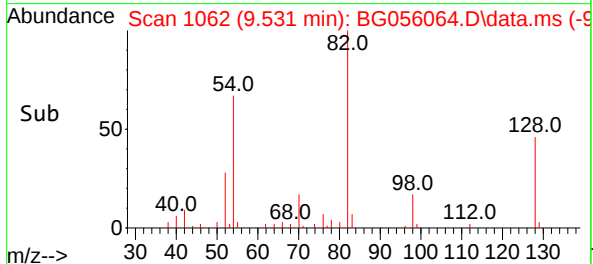
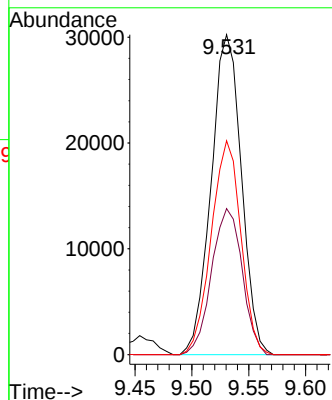
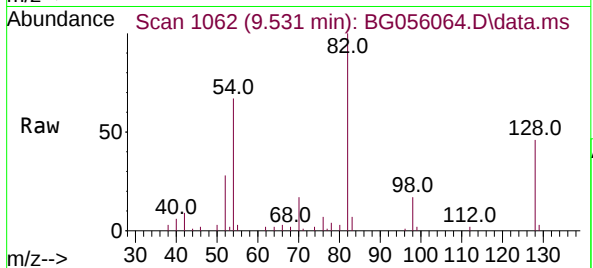
ClientSampleId :

A5(0-6)MSD

Tgt Ion: 82 Resp: 55895
Ion Ratio Lower Upper
82 100
128 45.6 38.4 57.6
54 66.8 53.3 79.9

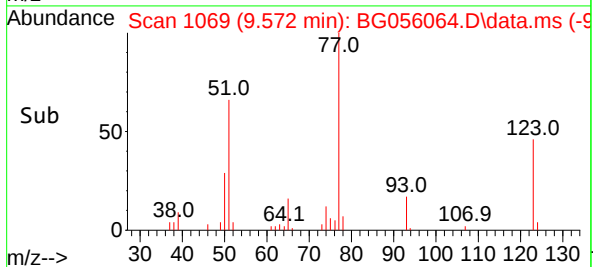
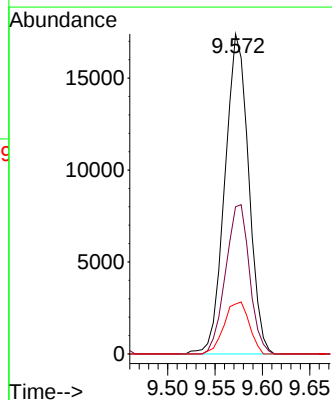
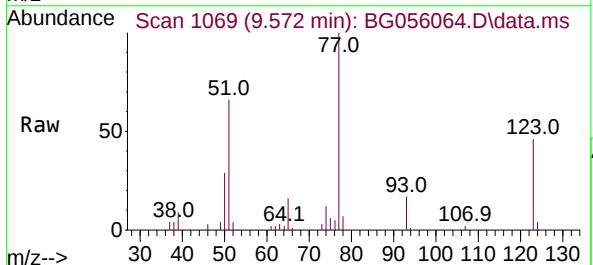
Manual Integrations
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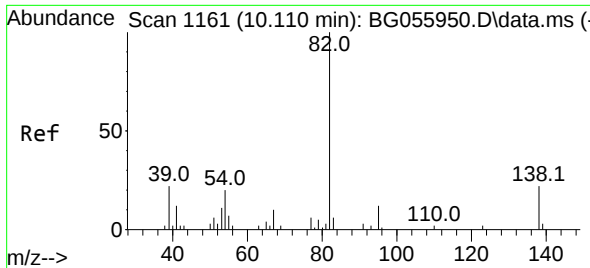
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#24
Nitrobenzene
Concen: 51.430 ng
RT: 9.572 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion: 77 Resp: 30329
Ion Ratio Lower Upper
77 100
123 46.0 38.9 58.3
65 15.6 14.7 22.1





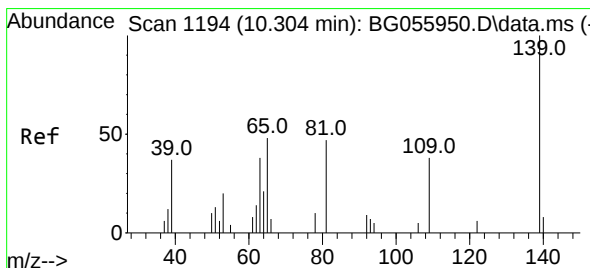
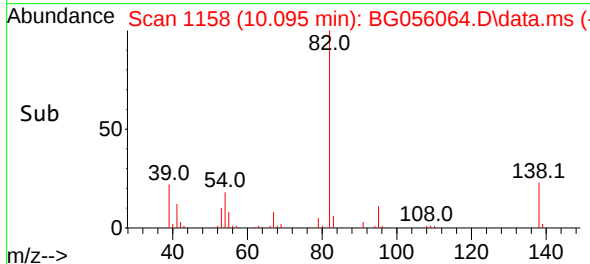
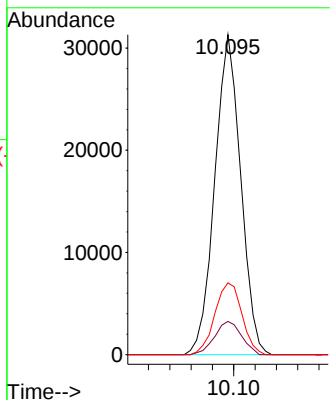
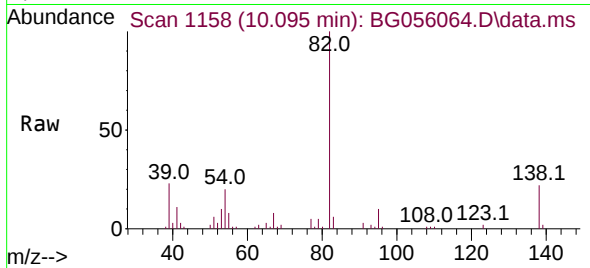
#25
Isophorone
Concen: 43.047 ng
RT: 10.095 min Scan# 1161
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion: 82 Resp: 52884
Ion Ratio Lower Upper
82 100
95 10.4 9.4 14.0
138 22.4 17.7 26.5

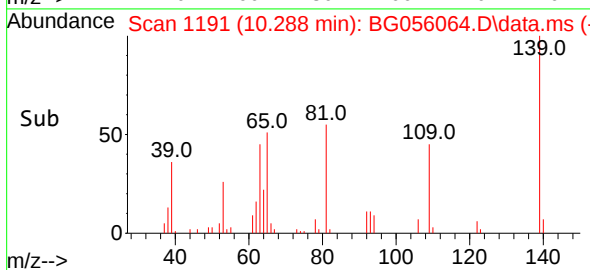
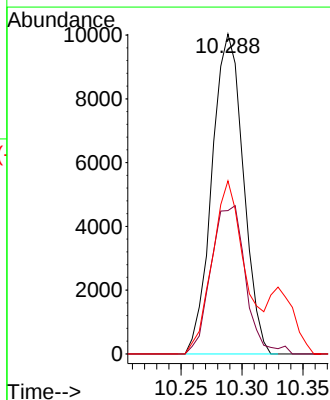
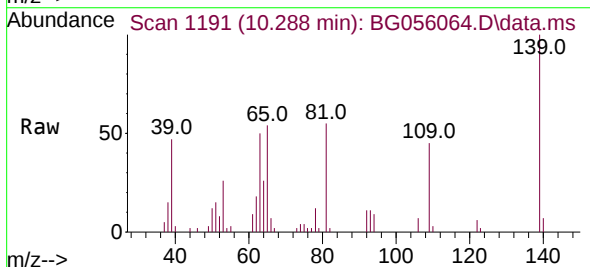
Manual Integrations
APPROVED

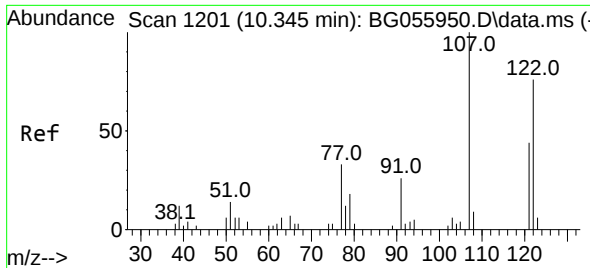
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
2-Nitrophenol
Concen: 51.407 ng
RT: 10.288 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

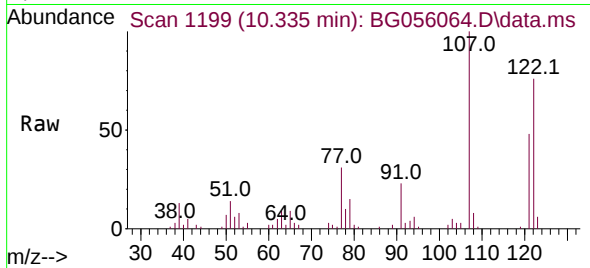
Tgt Ion:139 Resp: 17946
Ion Ratio Lower Upper
139 100
109 44.8 30.7 46.1
65 54.1 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 45.498 ng m
RT: 10.335 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

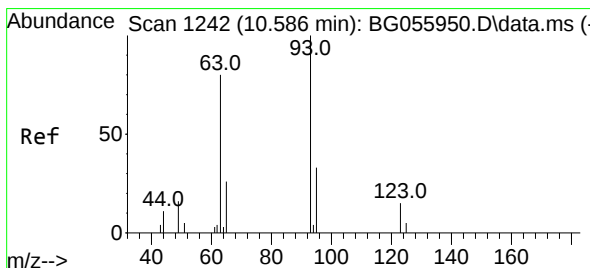
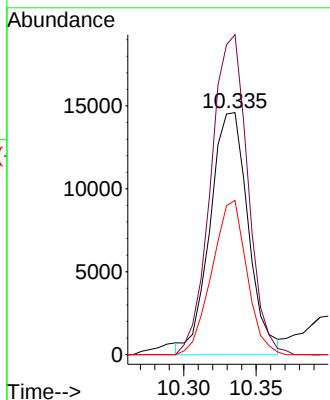
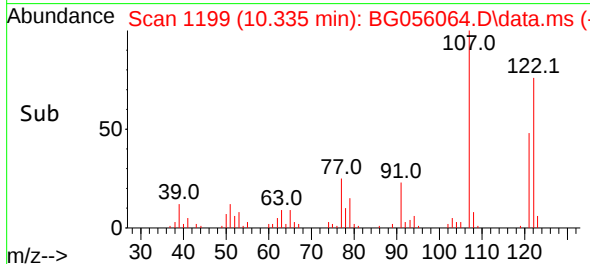
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



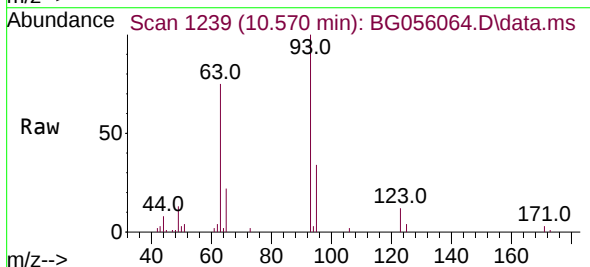
Tgt Ion:122 Resp: 26675
Ion Ratio Lower Upper
122 100
107 132.2 105.9 158.9
121 63.7 46.1 69.1

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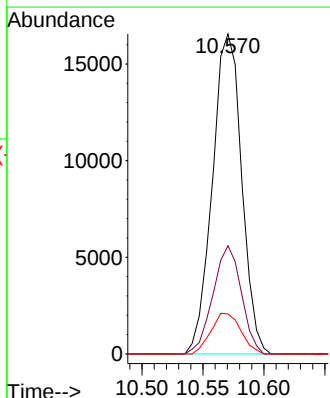
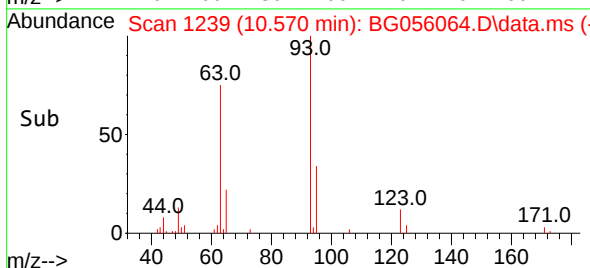
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

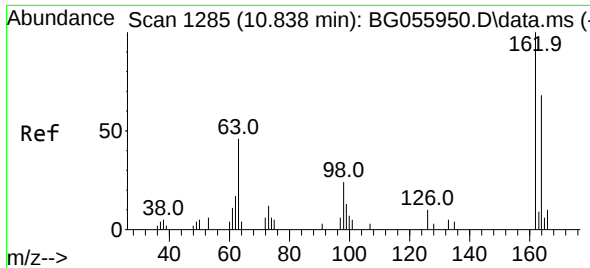


#28
bis(2-Chloroethoxy)methane
Concen: 50.770 ng
RT: 10.570 min Scan# 1239
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



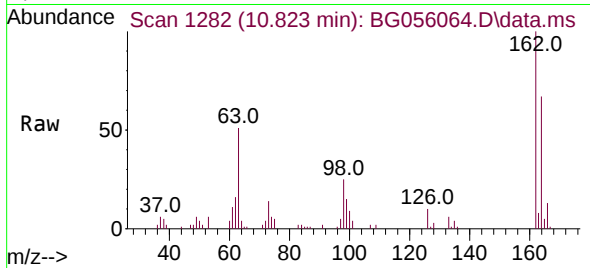
Tgt Ion: 93 Resp: 27566
Ion Ratio Lower Upper
93 100
95 33.8 26.3 39.5
123 12.5 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 46.922 ng
RT: 10.823 min Scan# 1282
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

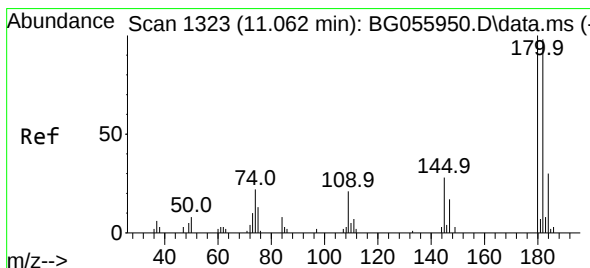
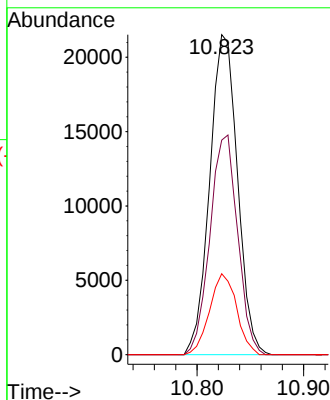
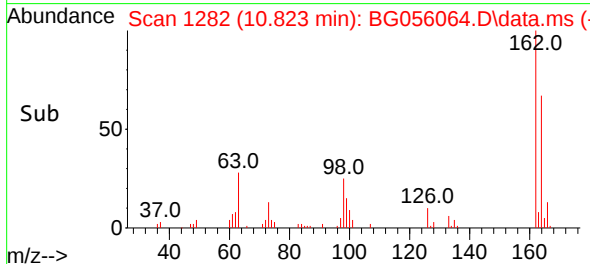
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



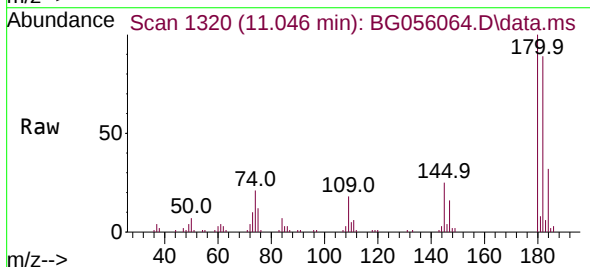
Tgt Ion:162 Resp: 39046
Ion Ratio Lower Upper
162 100
164 67.0 47.5 87.5
98 25.3 4.3 44.3

Manual Integrations
APPROVED

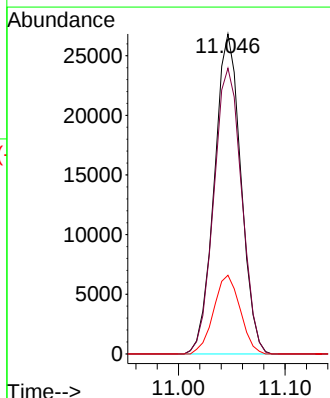
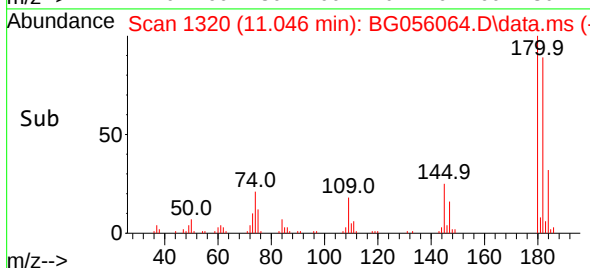
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

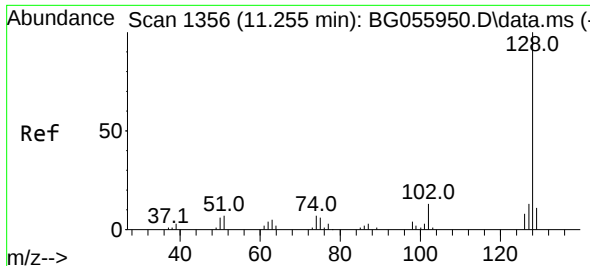


#30
1,2,4-Trichlorobenzene
Concen: 42.945 ng
RT: 11.046 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



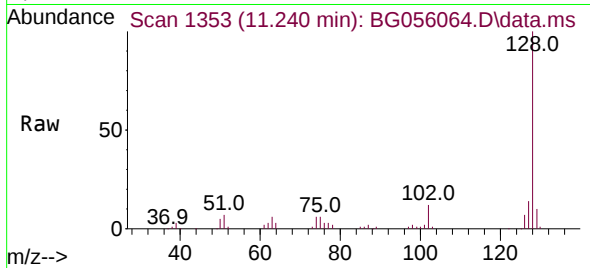
Tgt Ion:180 Resp: 46456
Ion Ratio Lower Upper
180 100
182 89.3 78.1 117.1
145 24.6 22.4 33.6





#31
Naphthalene
Concen: 41.873 ng
RT: 11.240 min Scan# 1356
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

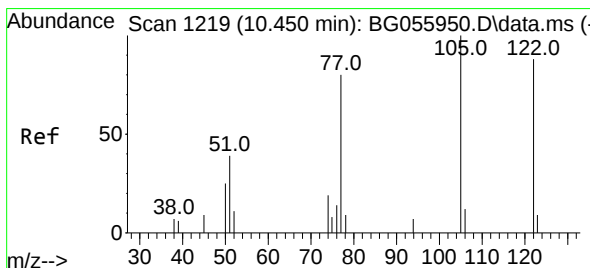
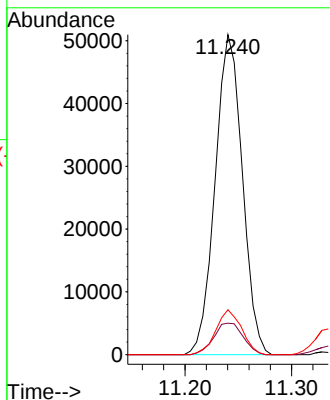
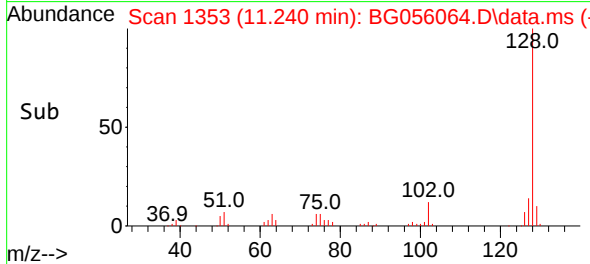
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



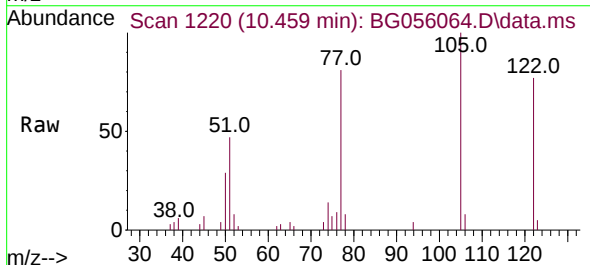
Tgt Ion:128 Resp: 90458
Ion Ratio Lower Upper
128 100
129 9.8 8.7 13.1
127 14.0 10.3 15.5

Manual Integrations
APPROVED

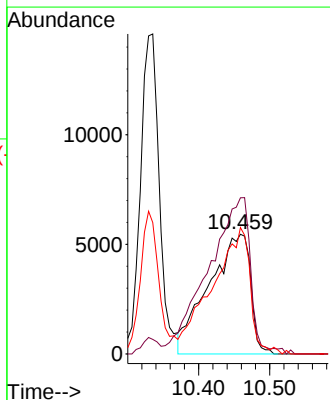
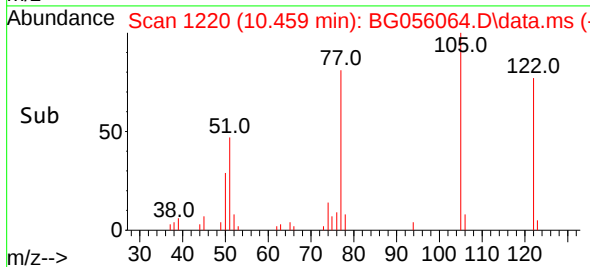
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

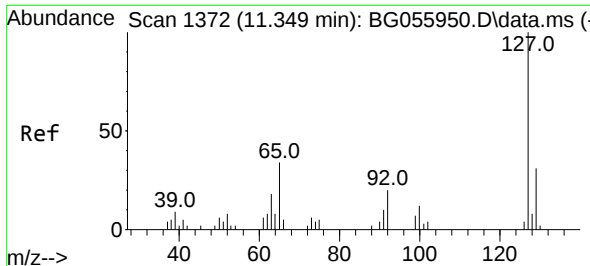


#32
Benzoic acid
Concen: 44.606 ng
RT: 10.459 min Scan# 1220
Delta R.T. 0.008 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



Tgt Ion:122 Resp: 22196
Ion Ratio Lower Upper
122 100
105 130.4 90.6 130.6
77 105.7 61.0 101.0#





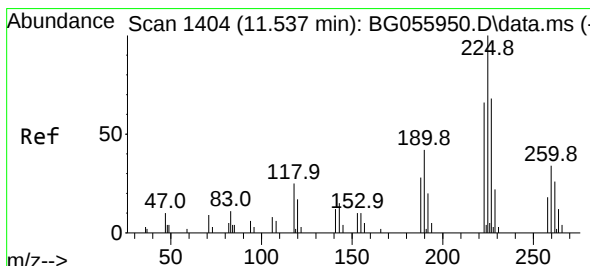
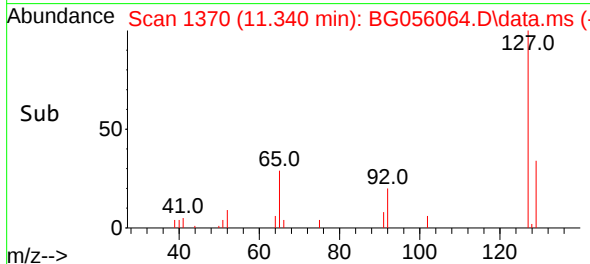
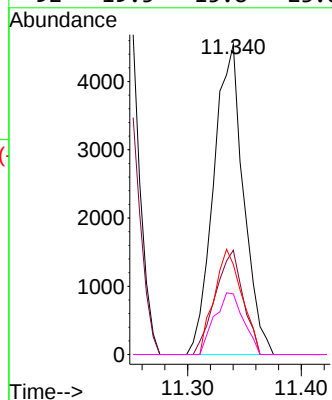
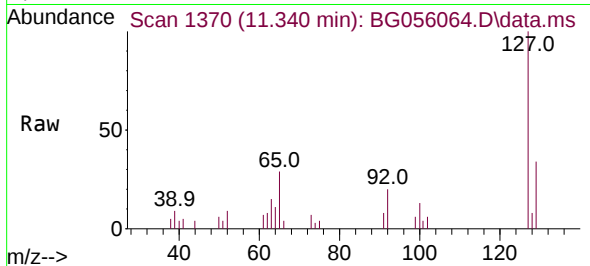
#33
4-Chloroaniline
Concen: 8.953 ng
RT: 11.340 min Scan# 1372
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion:	127	Resp:	829
Ion Ratio	Lower	Upper	
127	100		
129	33.7	24.5	36.7
65	29.1	27.1	40.7
92	19.5	15.8	23.8

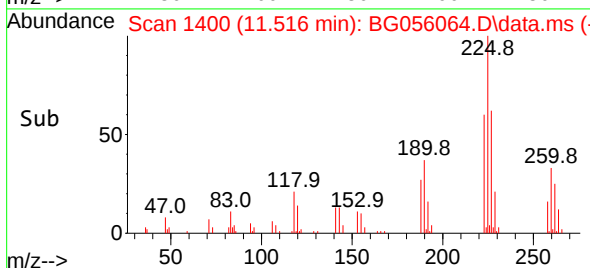
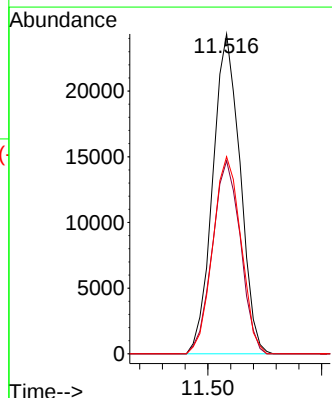
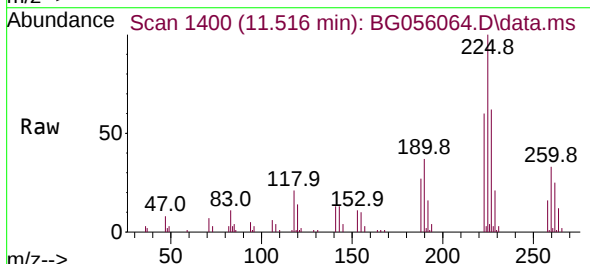
Manual Integrations
APPROVED

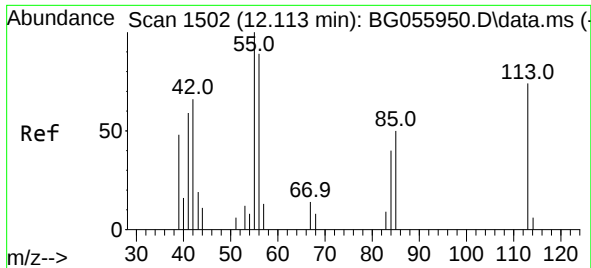
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#34
Hexachlorobutadiene
Concen: 39.947 ng
RT: 11.516 min Scan# 1400
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

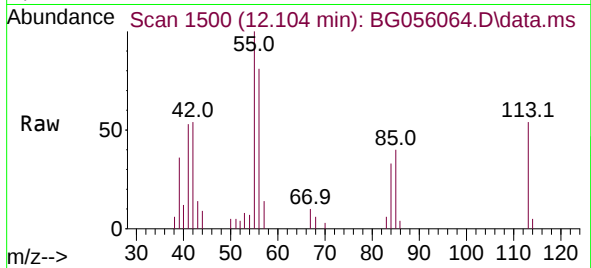
Tgt Ion:	225	Resp:	40625
Ion Ratio	Lower	Upper	
225	100		
223	60.3	53.2	79.8
227	61.6	54.7	82.1





#35
Caprolactam
Concen: 38.775 ng m
RT: 12.104 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

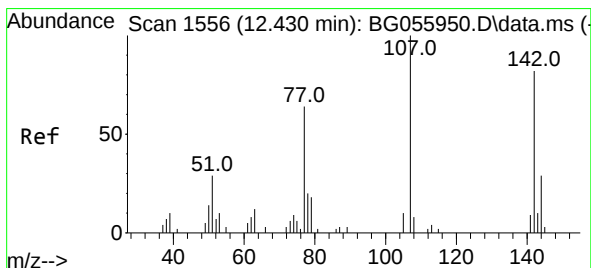
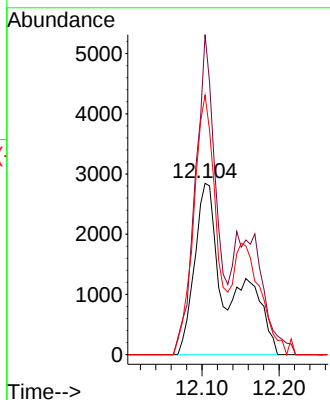
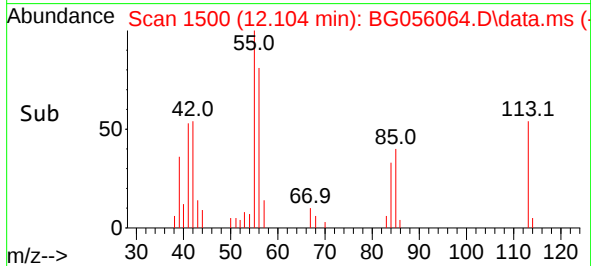
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



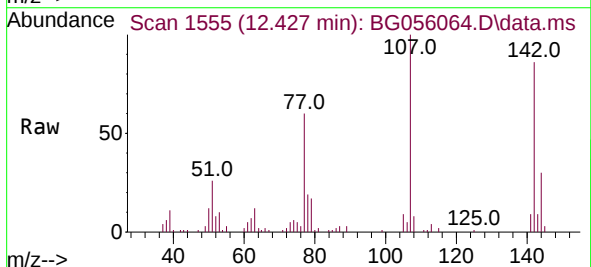
Tgt Ion:113 Resp: 8990
Ion Ratio Lower Upper
113 100
55 186.7 114.8 154.8
56 151.4 99.8 139.8

Manual Integrations
APPROVED

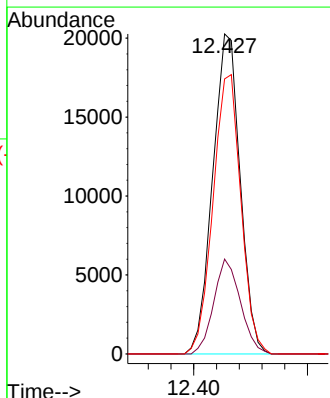
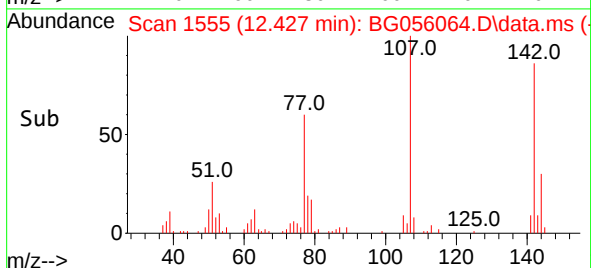
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

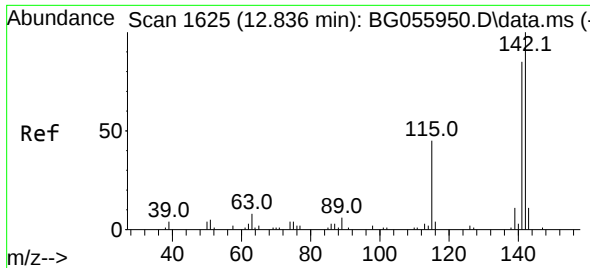


#36
4-Chloro-3-methylphenol
Concen: 43.495 ng
RT: 12.427 min Scan# 1555
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



Tgt Ion:107 Resp: 33939
Ion Ratio Lower Upper
107 100
144 29.6 23.3 34.9
142 86.0 65.6 98.4





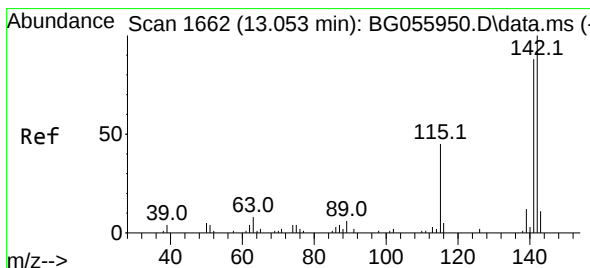
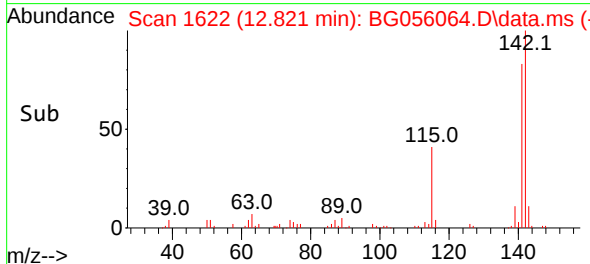
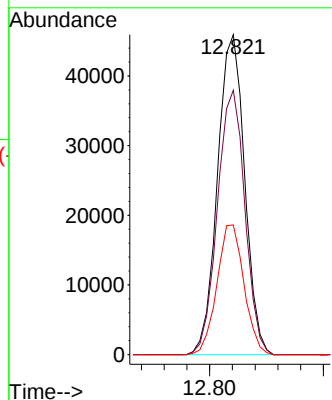
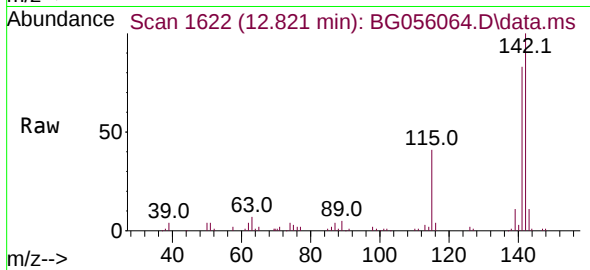
#37
2-Methylnaphthalene
Concen: 39.843 ng
RT: 12.821 min Scan# 1622
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion:142 Resp: 76045
Ion Ratio Lower Upper
142 100
141 82.6 67.8 101.6
115 40.5 35.7 53.5

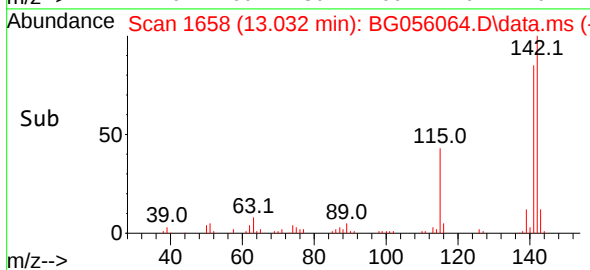
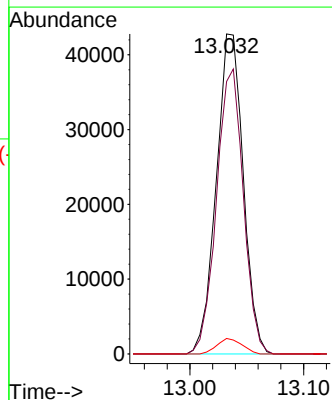
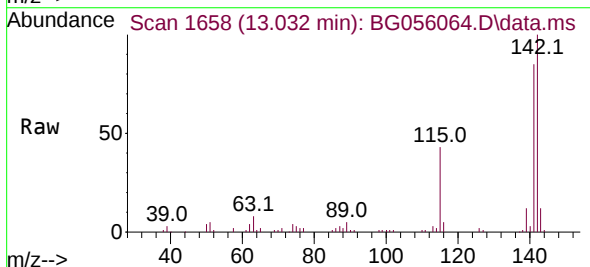
Manual Integrations
APPROVED

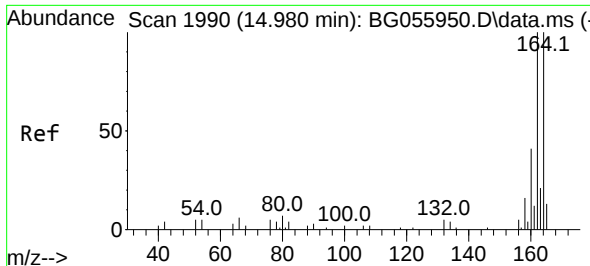
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#38
1-Methylnaphthalene
Concen: 37.927 ng
RT: 13.032 min Scan# 1658
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

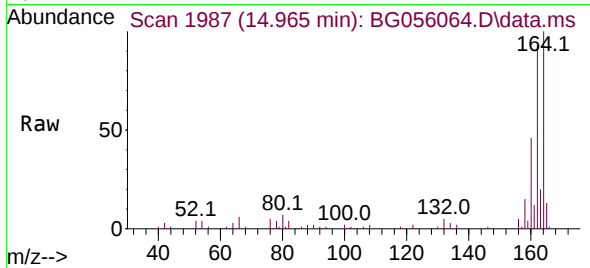
Tgt Ion:142 Resp: 70519
Ion Ratio Lower Upper
142 100
141 85.1 70.2 105.2
116 4.8 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1990
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

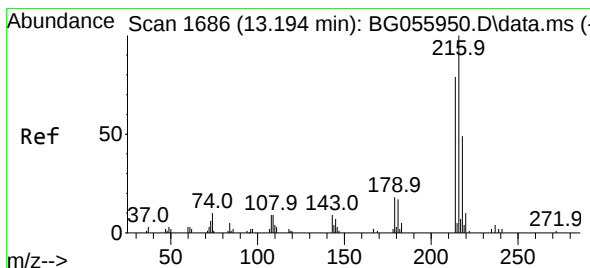
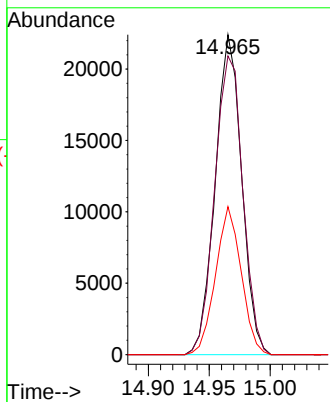
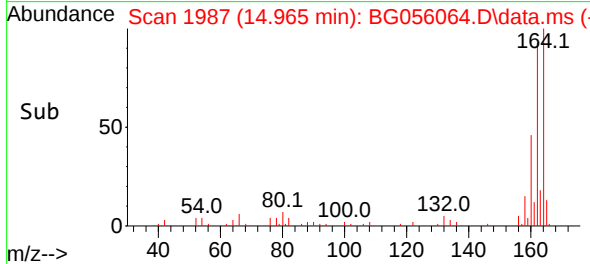
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



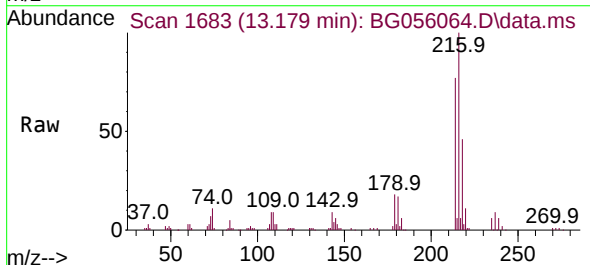
Tgt Ion:164 Resp: 33786
Ion Ratio Lower Upper
164 100
162 93.3 79.8 119.8
160 46.2 33.0 49.4

Manual Integrations
APPROVED

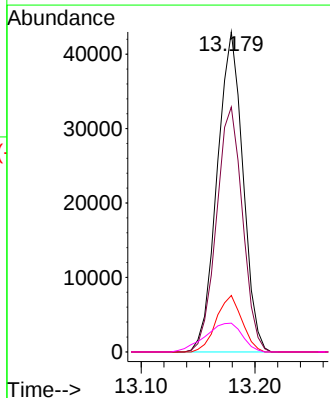
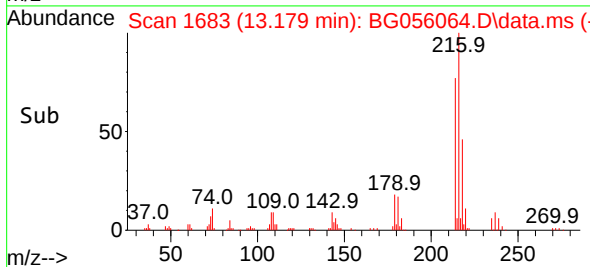
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

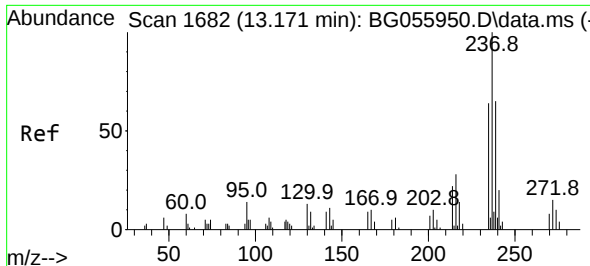


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.514 ng
RT: 13.179 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



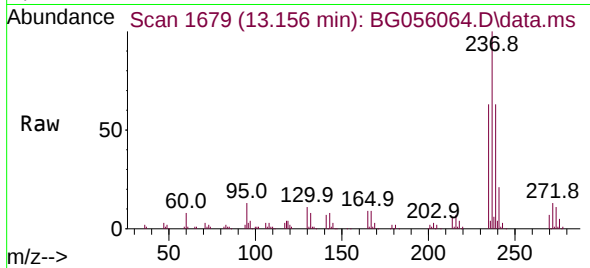
Tgt Ion:216 Resp: 67731
Ion Ratio Lower Upper
216 100
214 77.3 61.5 92.3
179 17.5 14.6 21.8
108 12.9 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 125.240 ng
RT: 13.156 min Scan# 10
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

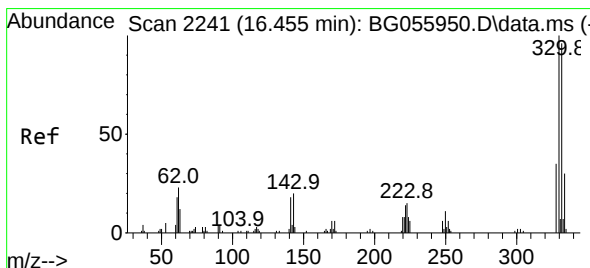
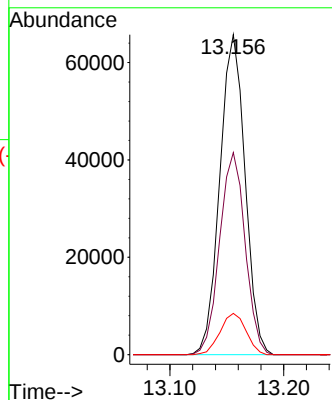
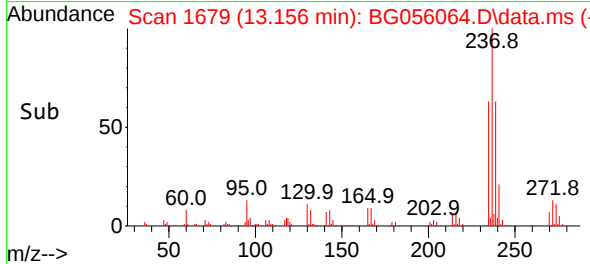
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



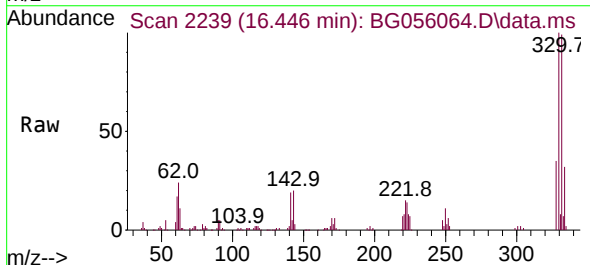
Tgt Ion:237 Resp: 101281
Ion Ratio Lower Upper
237 100
235 63.1 43.7 83.7
272 12.9 0.0 35.1

Manual Integrations
APPROVED

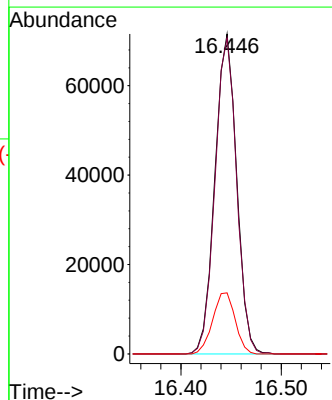
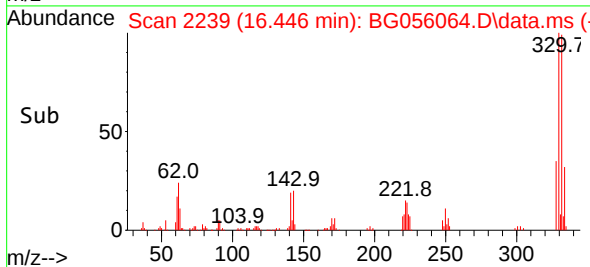
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

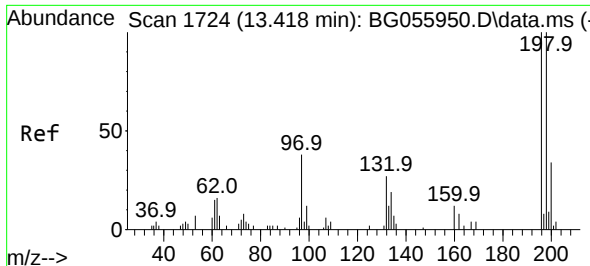


#42
2,4,6-Tribromophenol
Concen: 132.264 ng
RT: 16.446 min Scan# 2239
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



Tgt Ion:330 Resp: 107753
Ion Ratio Lower Upper
330 100
332 98.1 76.6 114.8
141 19.8 15.0 22.4





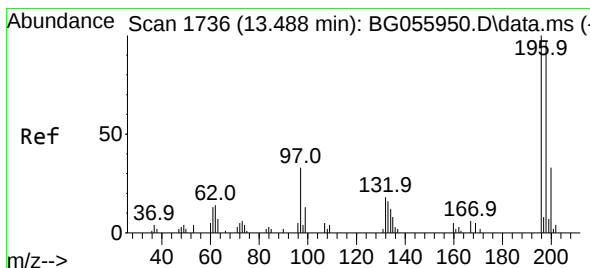
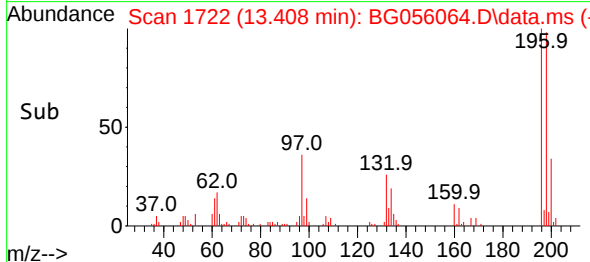
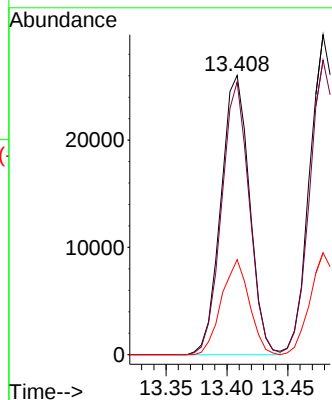
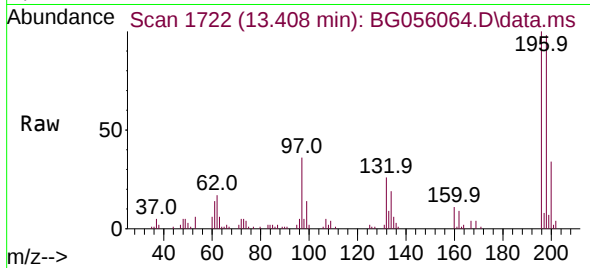
#43
2,4,6-Trichlorophenol
Concen: 50.431 ng
RT: 13.408 min Scan# 1722
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion:196 Resp: 4255
Ion Ratio Lower Upper
196 100
198 97.7 80.2 120.4
200 34.0 27.6 41.4

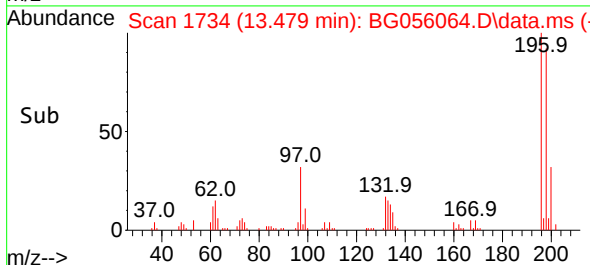
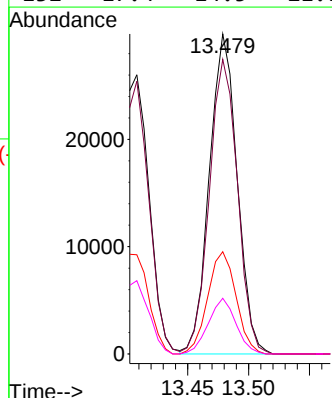
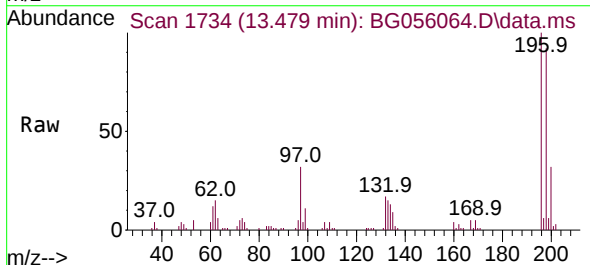
Manual Integrations
APPROVED

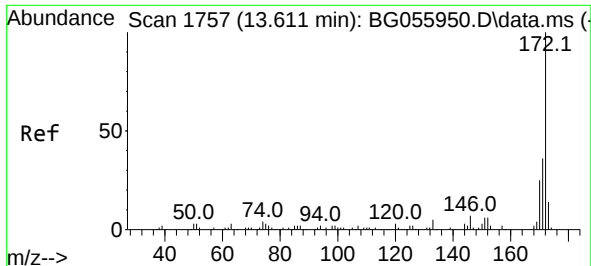
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#44
2,4,5-Trichlorophenol
Concen: 49.763 ng
RT: 13.479 min Scan# 1734
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

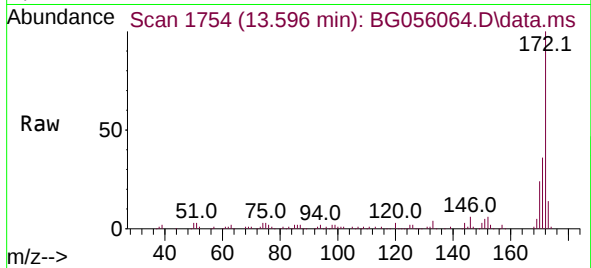
Tgt Ion:196 Resp: 47335
Ion Ratio Lower Upper
196 100
198 92.0 78.0 117.0
97 31.9 26.0 39.0
132 17.4 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 81.691 ng
RT: 13.596 min Scan# 1754
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

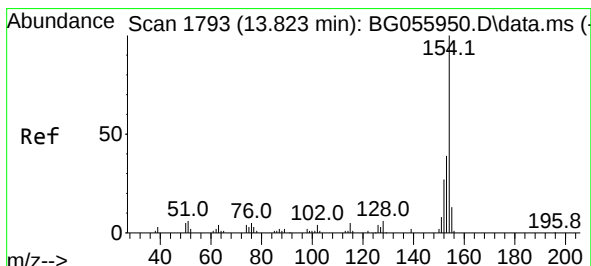
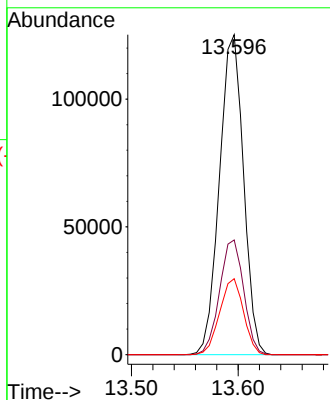
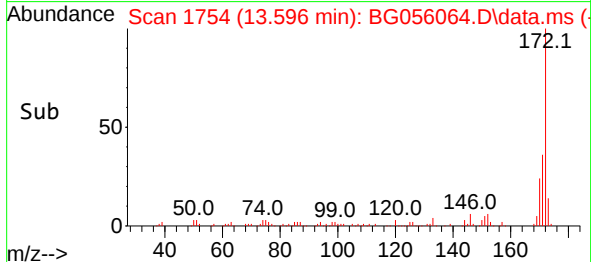
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



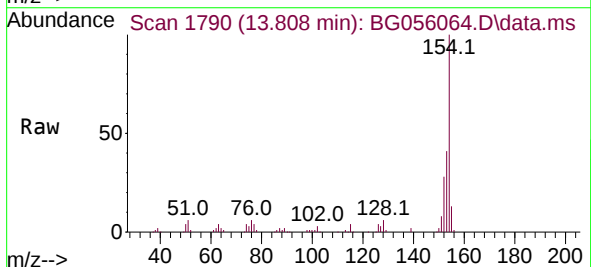
Tgt Ion:172 Resp: 196795
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.7 19.9 29.9

Manual Integrations
APPROVED

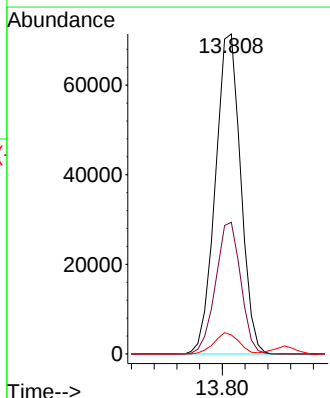
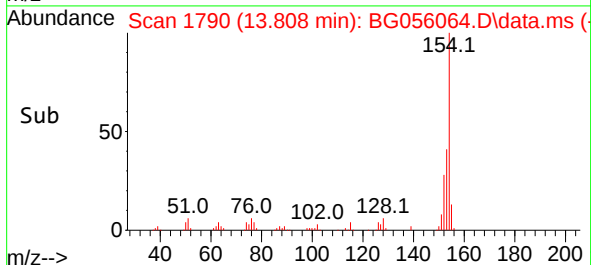
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

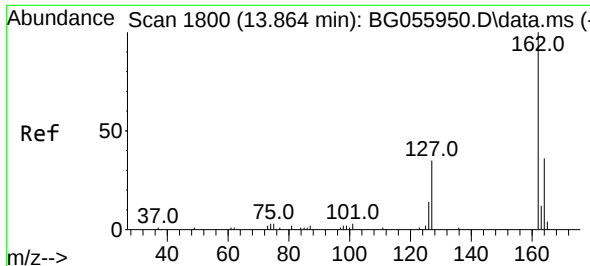


#46
1,1'-Biphenyl
Concen: 48.196 ng
RT: 13.808 min Scan# 1790
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



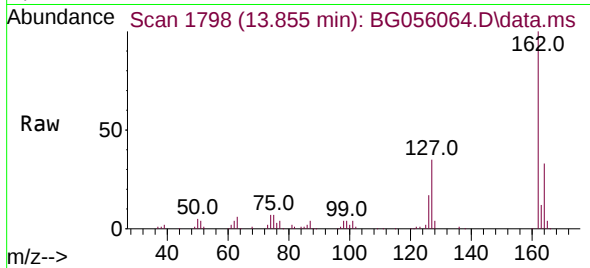
Tgt Ion:154 Resp: 110373
Ion Ratio Lower Upper
154 100
153 41.1 19.5 59.5
76 5.9 0.0 25.5





#47
2-Chloronaphthalene
Concen: 46.681 ng
RT: 13.855 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

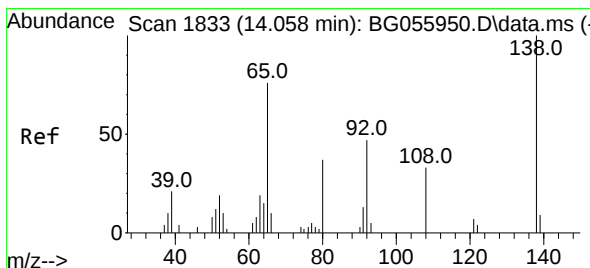
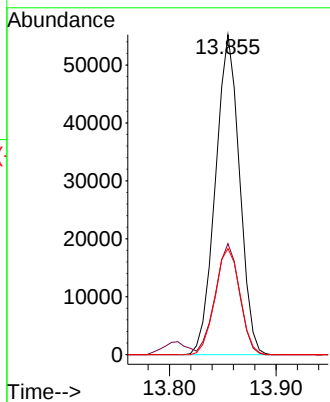
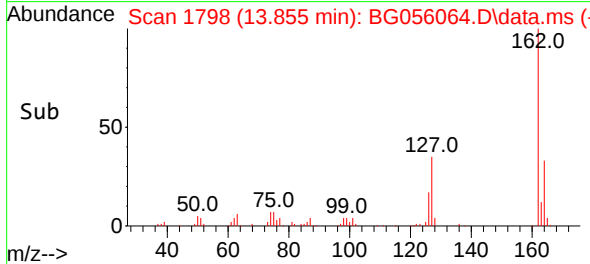
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:162 Resp: 86864
Ion Ratio Lower Upper
162 100
127 34.7 31.0 46.4
164 33.1 28.6 42.8

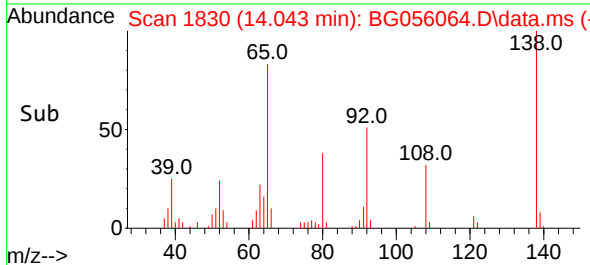
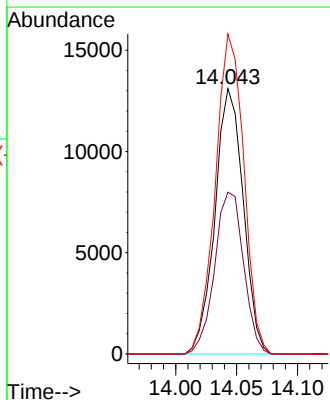
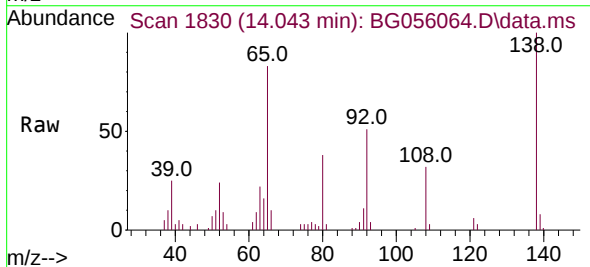
Manual Integrations
APPROVED

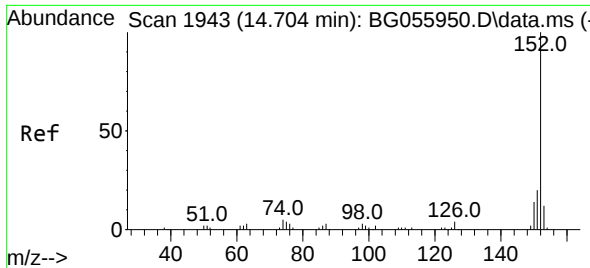
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#48
2-Nitroaniline
Concen: 57.132 ng
RT: 14.043 min Scan# 1830
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

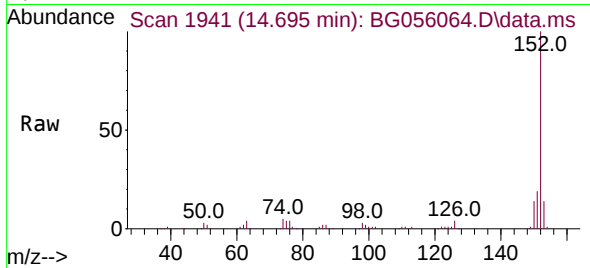
Tgt Ion: 65 Resp: 21166
Ion Ratio Lower Upper
65 100
92 61.0 49.7 74.5
138 120.7 105.0 157.6





#49
Acenaphthylene
Concen: 45.143 ng
RT: 14.695 min Scan# 1941
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

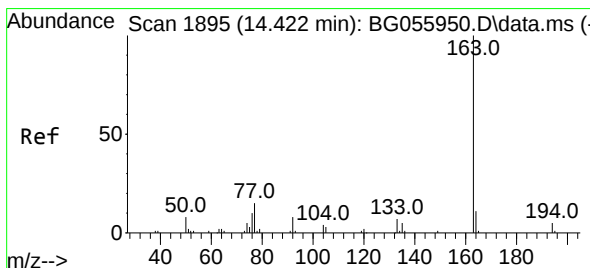
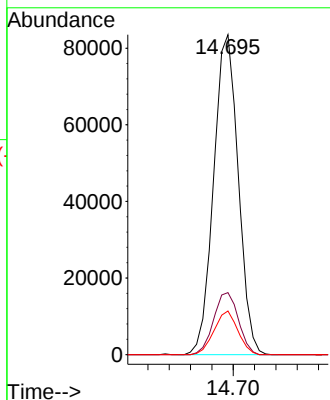
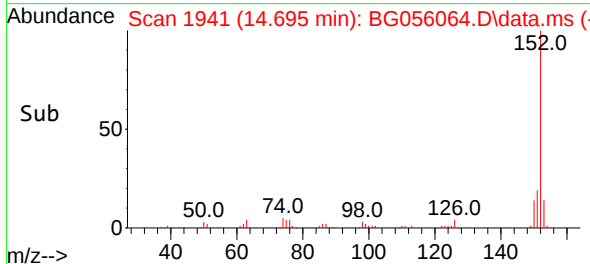
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



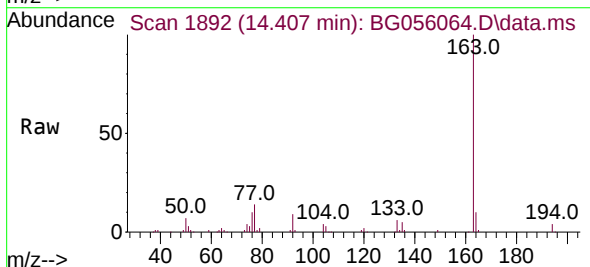
Tgt Ion:152 Resp: 134082
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.6 10.0 15.0

Manual Integrations
APPROVED

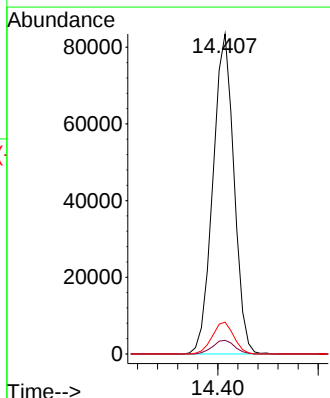
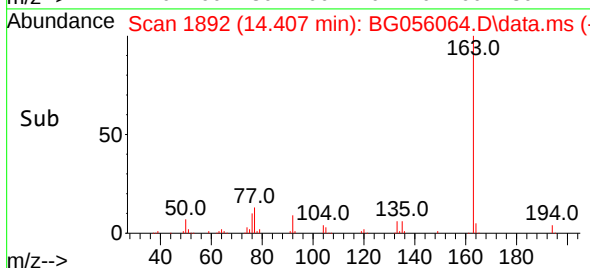
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

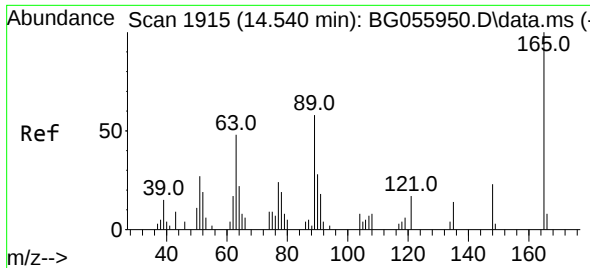


#50
Dimethylphthalate
Concen: 41.678 ng
RT: 14.407 min Scan# 1892
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



Tgt Ion:163 Resp: 121742
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 9.9 8.6 13.0





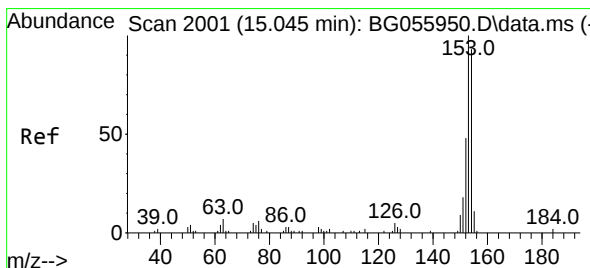
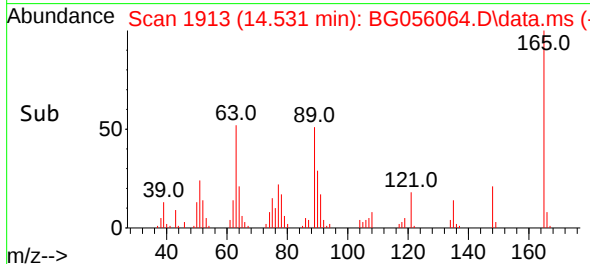
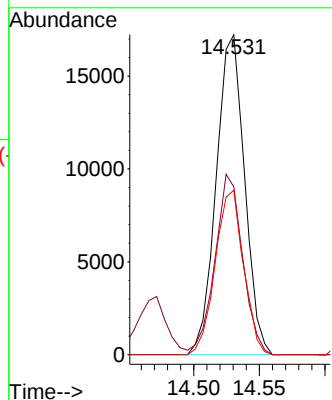
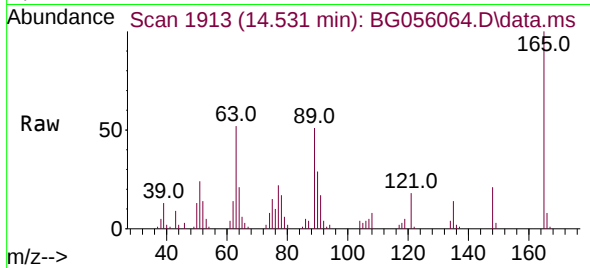
#51
2,6-Dinitrotoluene
Concen: 57.205 ng
RT: 14.531 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion:165 Resp: 25858
Ion Ratio Lower Upper
165 100
63 52.4 38.3 57.5
89 51.4 46.3 69.5

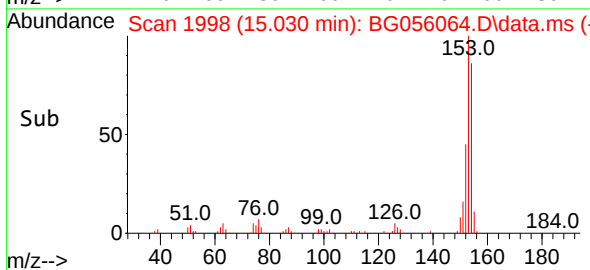
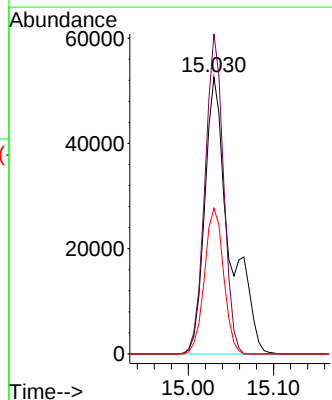
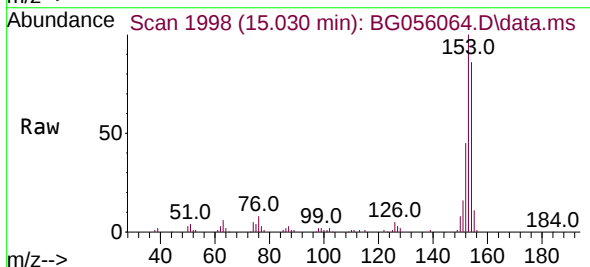
Manual Integrations
APPROVED

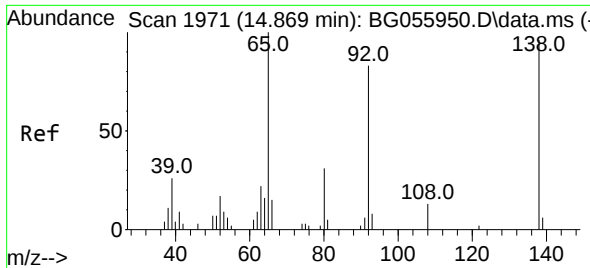
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#52
Acenaphthene
Concen: 53.546 ng m
RT: 15.030 min Scan# 1998
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion:154 Resp: 106770
Ion Ratio Lower Upper
154 100
153 115.6 86.2 129.2
152 52.6 41.4 62.0





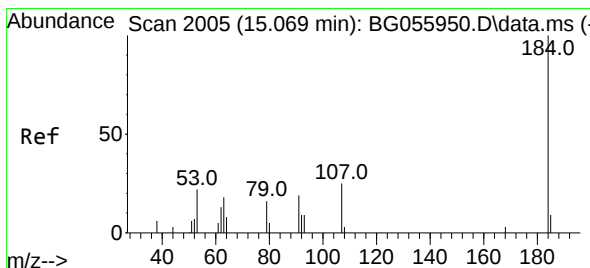
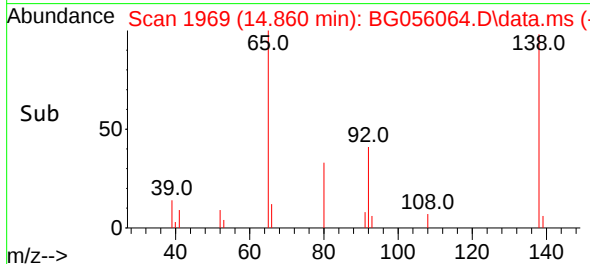
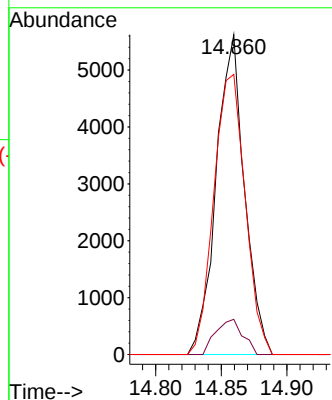
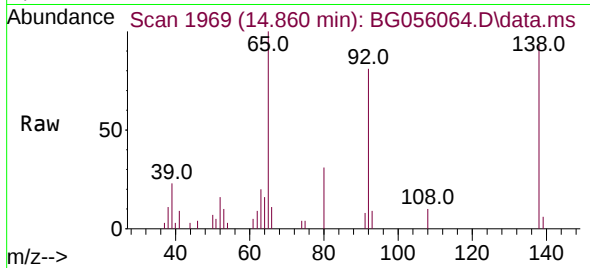
#53
3-Nitroaniline
Concen: 18.298 ng
RT: 14.860 min Scan# 1971
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion:138 Resp: 8413
Ion Ratio Lower Upper
138 100
108 11.0 10.9 16.3
92 87.6 69.4 104.0

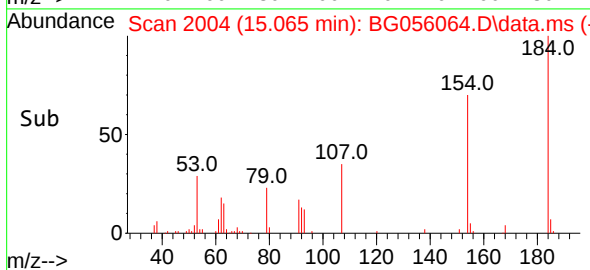
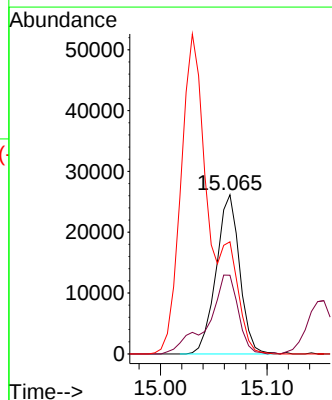
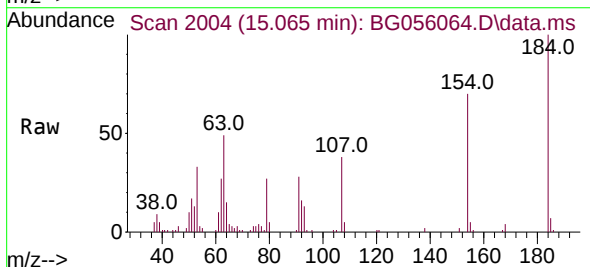
Manual Integrations
APPROVED

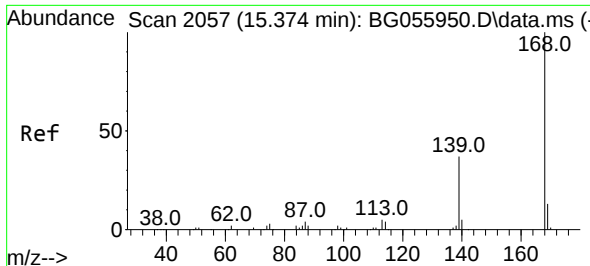
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#54
2,4-Dinitrophenol
Concen: 118.837 ng
RT: 15.065 min Scan# 2004
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

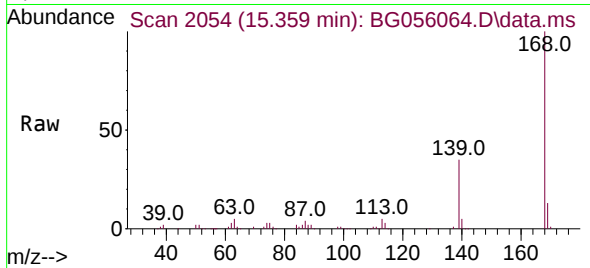
Tgt Ion:184 Resp: 39934
Ion Ratio Lower Upper
184 100
63 49.4 23.0 34.4#
154 70.5 67.0 100.4





#55
Dibenzofuran
Concen: 44.022 ng
RT: 15.359 min Scan# 2054
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

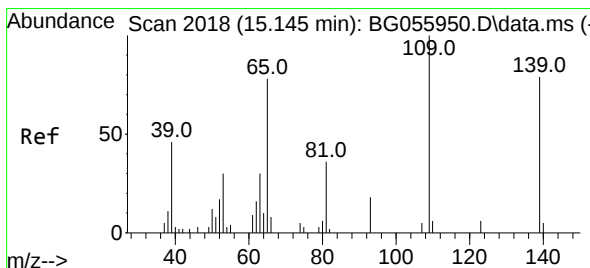
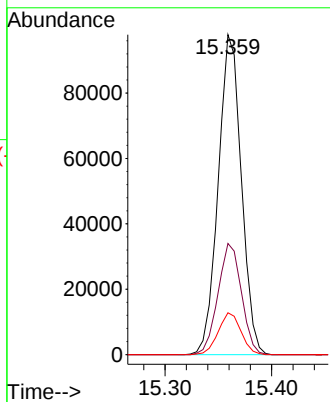
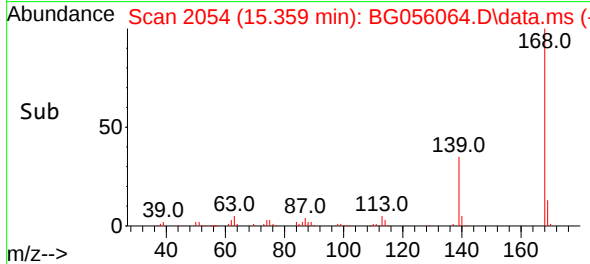
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:168 Resp: 147611
Ion Ratio Lower Upper
168 100
139 34.7 29.8 44.8
169 13.1 10.6 16.0

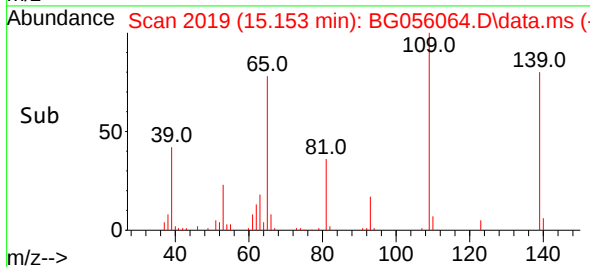
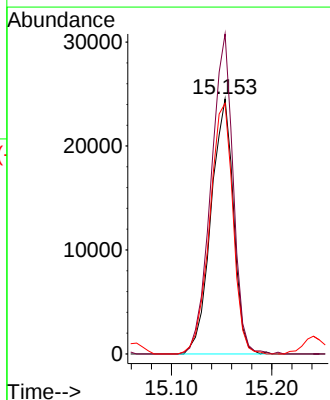
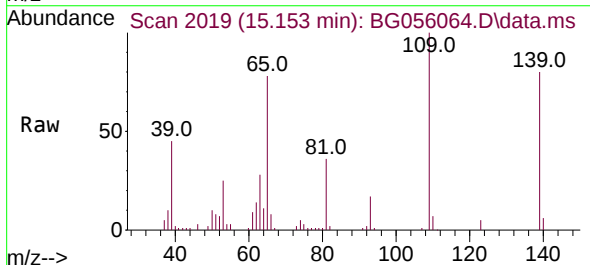
Manual Integrations
APPROVED

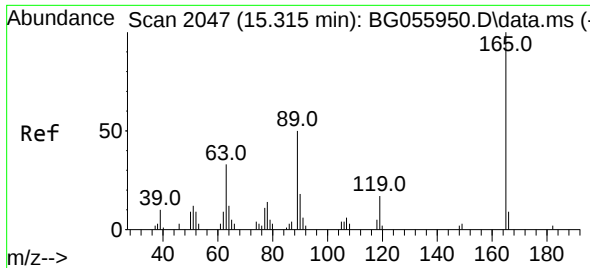
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#56
4-Nitrophenol
Concen: 103.688 ng
RT: 15.153 min Scan# 2019
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

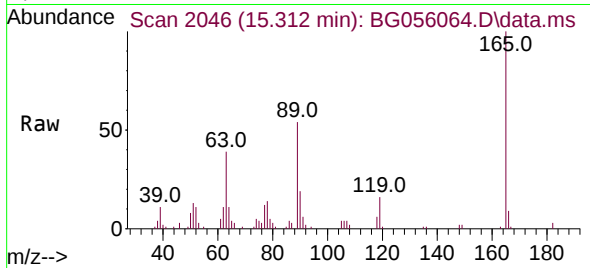
Tgt Ion:139 Resp: 38203
Ion Ratio Lower Upper
139 100
109 125.5 106.7 146.7
65 98.2 79.2 119.2





#57
2,4-Dinitrotoluene
Concen: 55.573 ng
RT: 15.312 min Scan# 2047
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

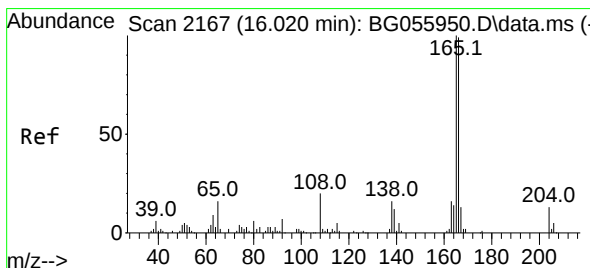
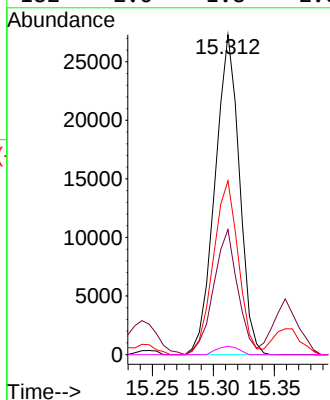
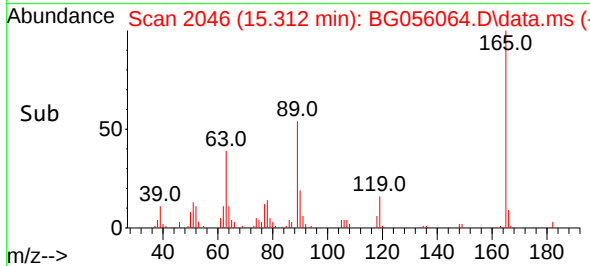
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:165 Resp: 37918
Ion Ratio Lower Upper
165 100
63 39.1 26.6 39.8
89 54.3 40.1 60.1
182 2.6 1.8 2.6

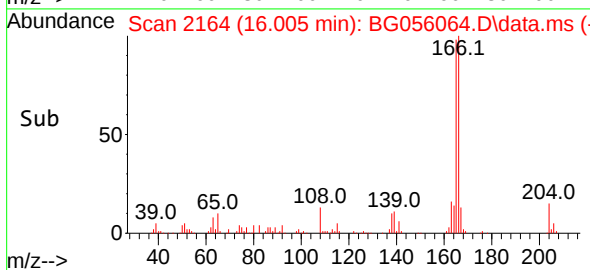
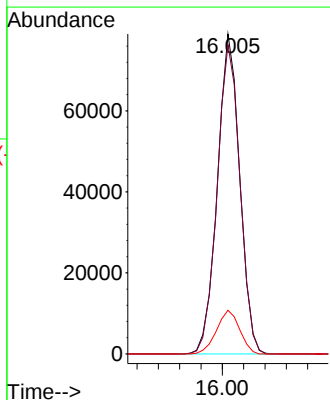
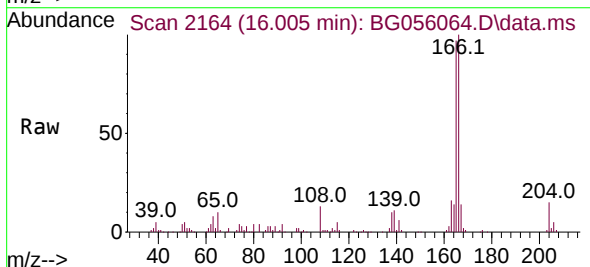
Manual Integrations
APPROVED

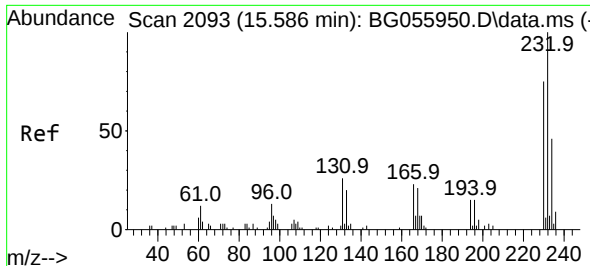
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#58
Fluorene
Concen: 41.949 ng
RT: 16.005 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion:166 Resp: 114982
Ion Ratio Lower Upper
166 100
165 96.6 81.1 121.7
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.244 ng
RT: 15.576 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :

BNA_G

ClientSampleId :

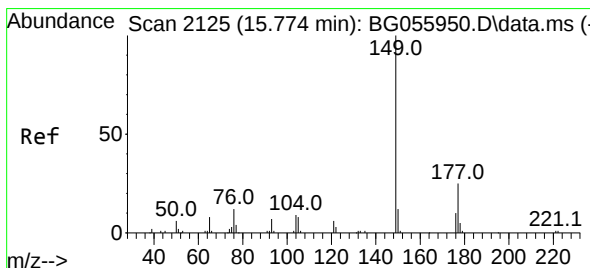
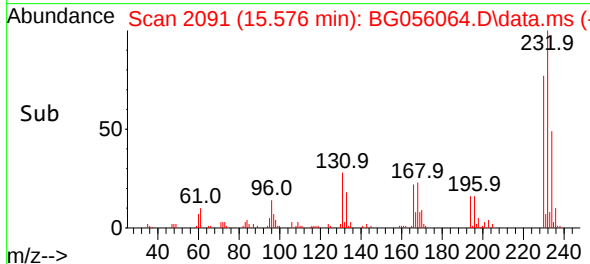
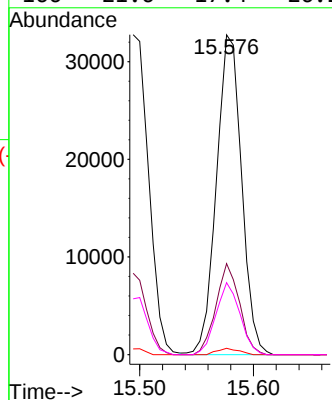
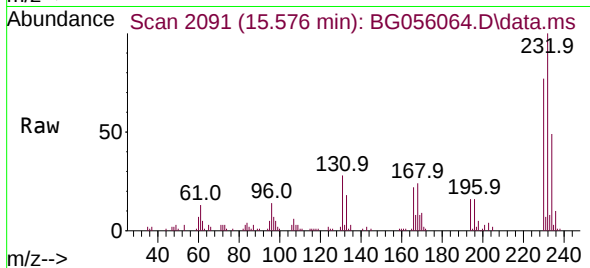
A5(0-6)MSD

Tgt Ion:232 Resp: 50252
Ion Ratio Lower Upper
232 100
131 26.7 20.7 31.1
130 1.7 1.2 1.8
166 21.6 17.4 26.2

Manual Integrations

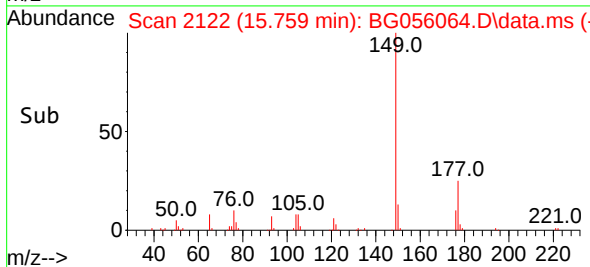
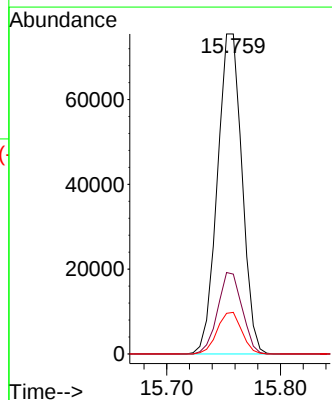
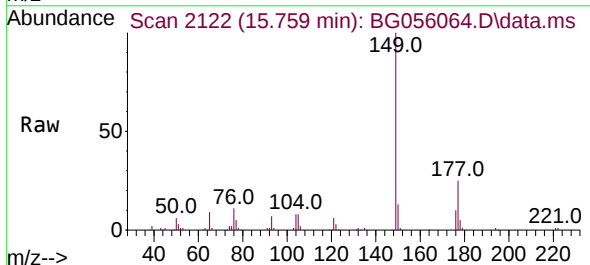
APPROVED

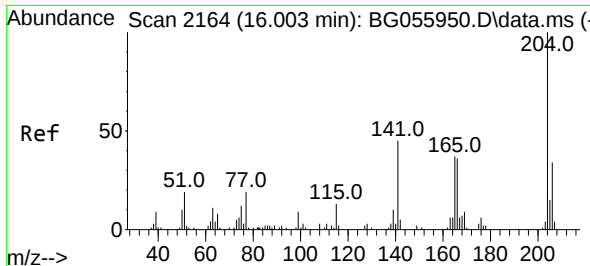
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#60
Diethylphthalate
Concen: 39.637 ng
RT: 15.759 min Scan# 2122
Delta R.T. 0.002 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion:149 Resp: 113163
Ion Ratio Lower Upper
149 100
177 24.9 19.7 29.5
150 13.0 9.5 14.3





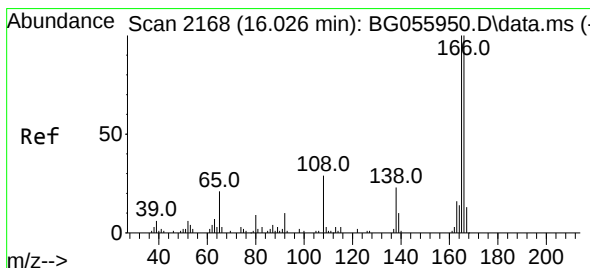
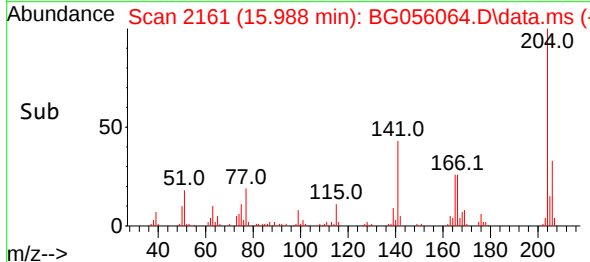
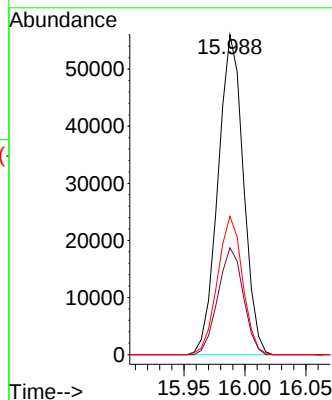
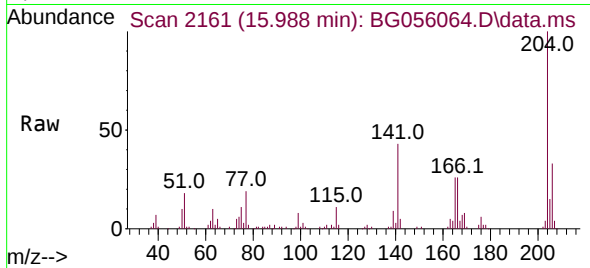
#61
4-Chlorophenyl-phenylether
Concen: 43.418 ng
RT: 15.988 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD

Tgt Ion:204 Resp: 81074
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 43.2 36.3 54.5

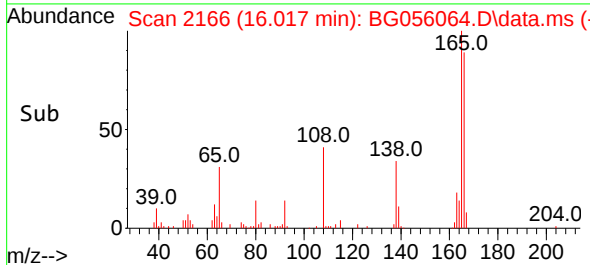
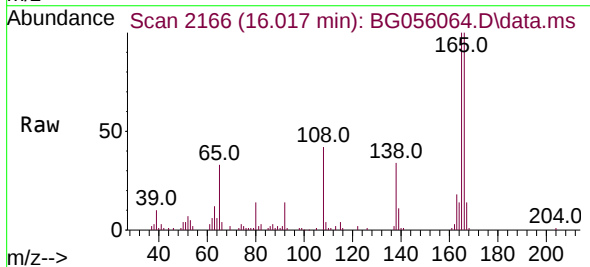
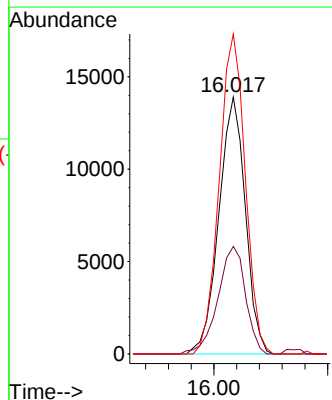
Manual Integrations
APPROVED

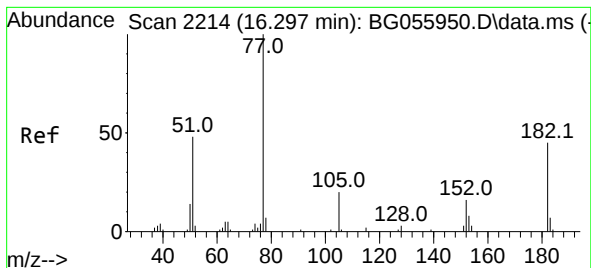
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#62
4-Nitroaniline
Concen: 44.829 ng
RT: 16.017 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

Tgt Ion:138 Resp: 22446
Ion Ratio Lower Upper
138 100
92 41.8 24.4 64.4
108 124.6 110.1 150.1





#63

Azobenzene

Concen: 43.510 ng

RT: 16.281 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056064.D

Acq: 22 Dec 2022 16:10

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MSD

Tgt Ion: 77 Resp: 75608

Ion Ratio Lower Upper

77 100

182 43.2 24.7 64.7

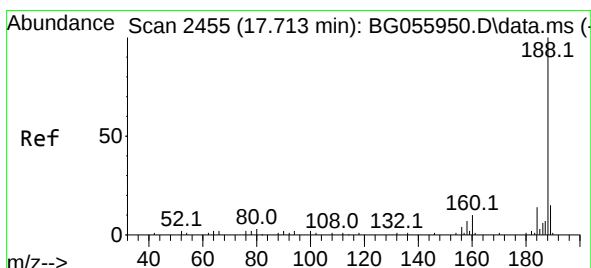
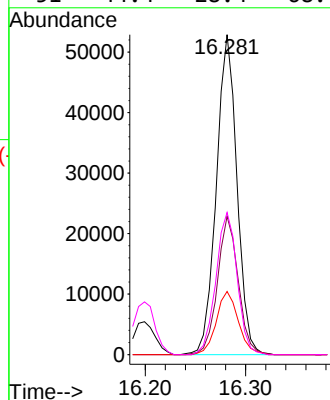
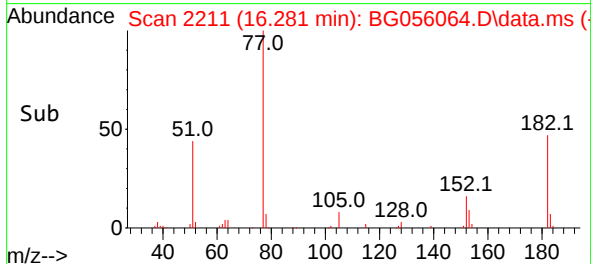
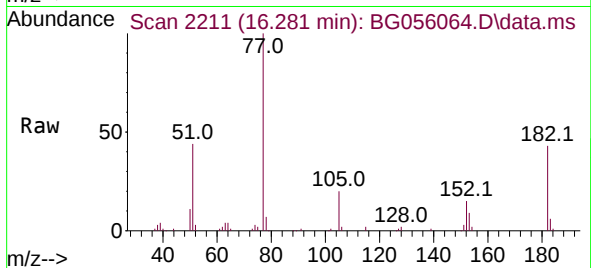
105 19.7 0.3 40.3

51 44.4 28.4 68.4

Manual Integrations

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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. -0.004 min

Lab File: BG056064.D

Acq: 22 Dec 2022 16:10

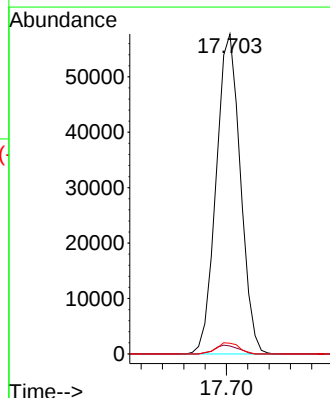
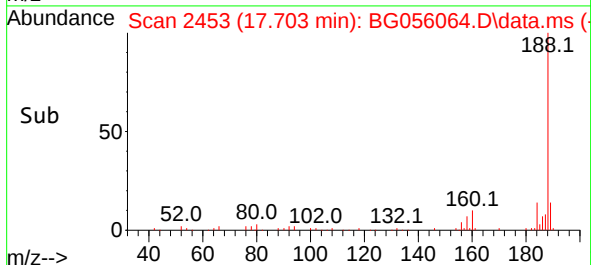
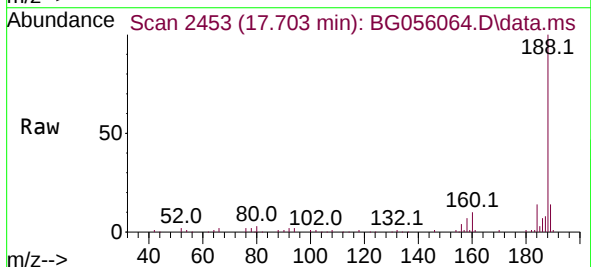
Tgt Ion:188 Resp: 91173

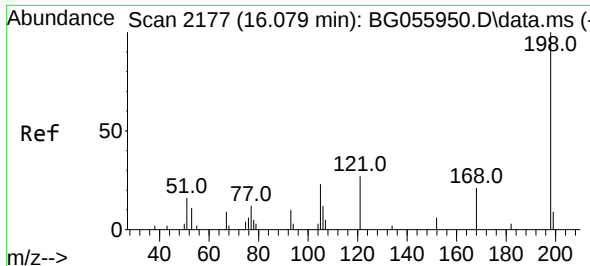
Ion Ratio Lower Upper

188 100

94 2.5 1.8 2.8

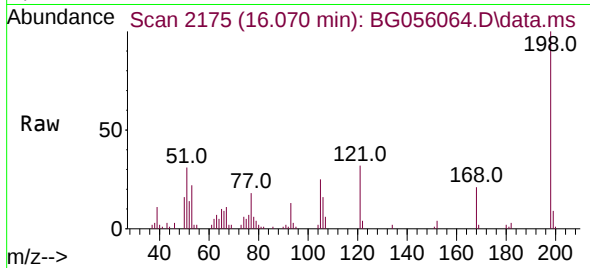
80 3.3 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 62.335 ng
RT: 16.070 min Scan# 2175
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

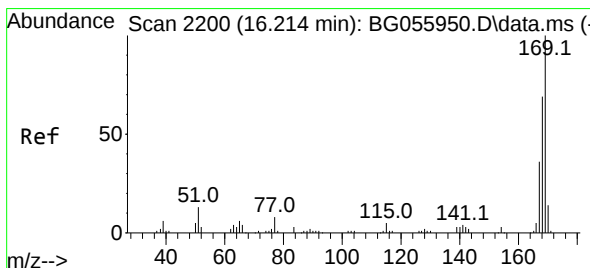
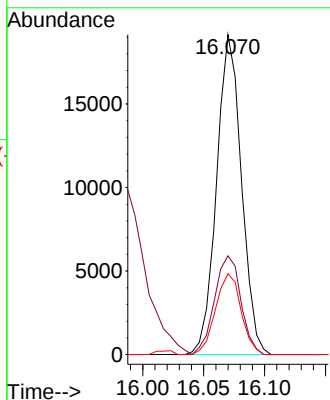
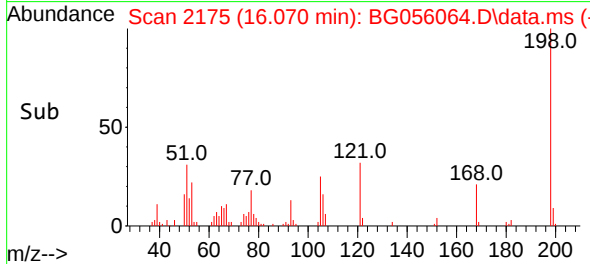
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



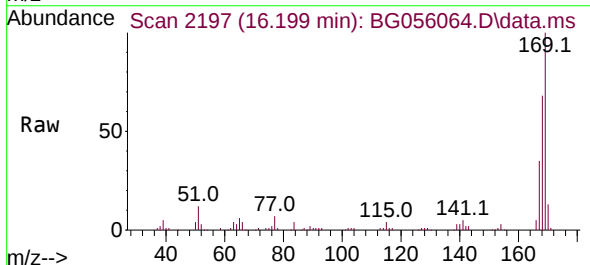
Tgt Ion:198 Resp: 27149
Ion Ratio Lower Upper
198 100
51 30.9 3.0 43.0
105 25.3 3.3 43.3

Manual Integrations
APPROVED

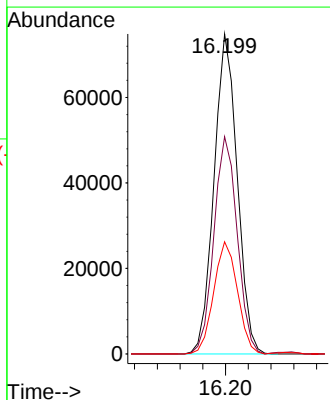
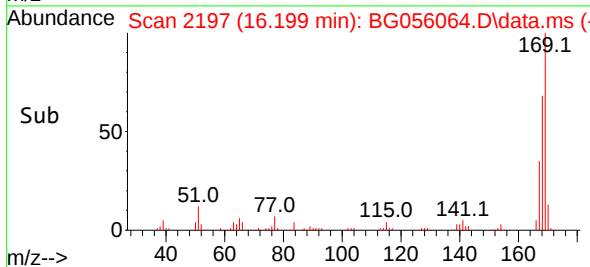
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

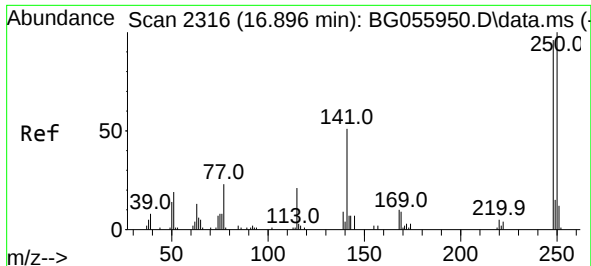


#66
n-Nitrosodiphenylamine
Concen: 44.388 ng
RT: 16.199 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



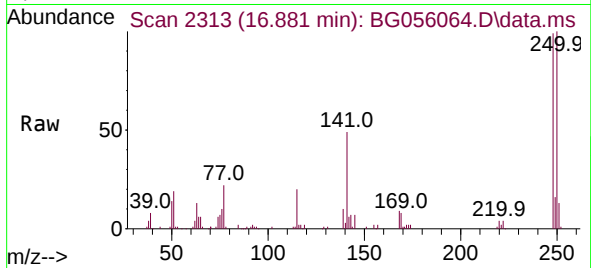
Tgt Ion:169 Resp: 106054
Ion Ratio Lower Upper
169 100
168 67.9 55.3 82.9
167 35.0 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 45.253 ng
RT: 16.881 min Scan# 2313
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

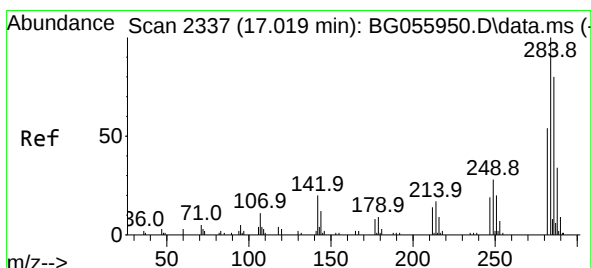
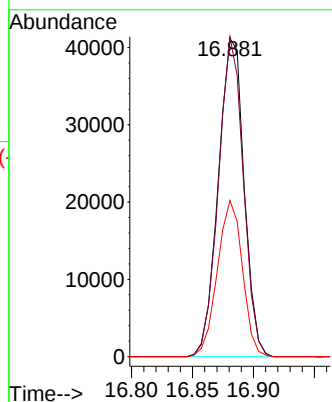
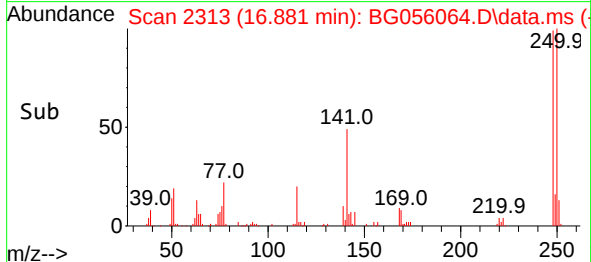
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



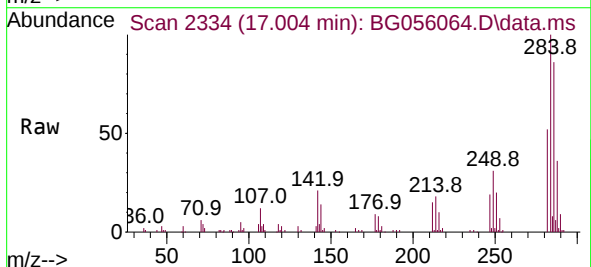
Tgt Ion:248 Resp: 60456
Ion Ratio Lower Upper
248 100
250 100.5 83.0 124.6
141 49.0 42.6 64.0

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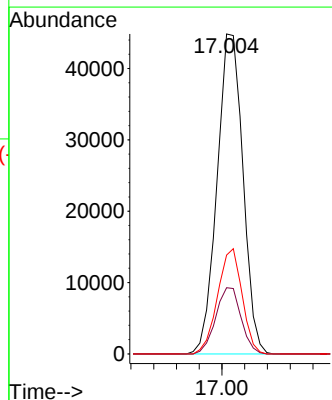
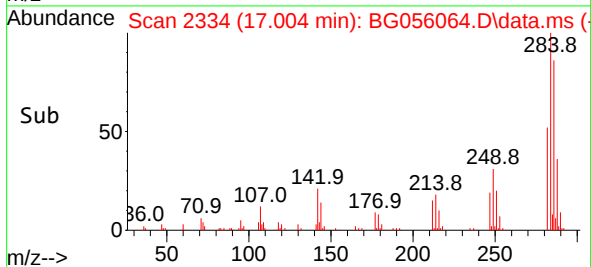
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

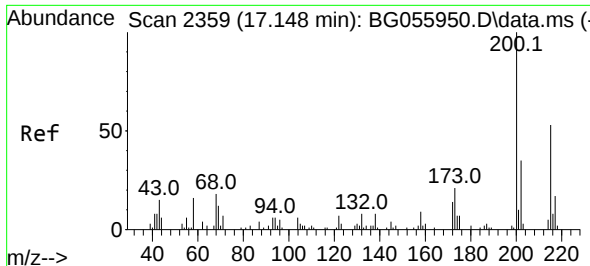


#68
Hexachlorobenzene
Concen: 43.079 ng
RT: 17.004 min Scan# 2334
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



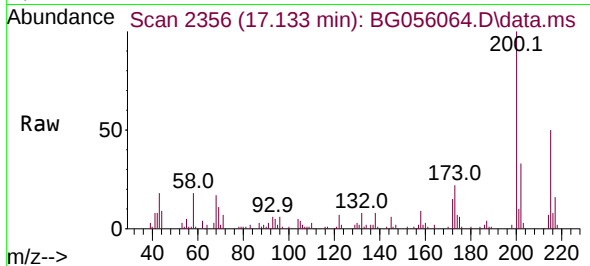
Tgt Ion:284 Resp: 70890
Ion Ratio Lower Upper
284 100
142 20.7 16.2 24.2
249 30.9 22.8 34.2





#69
 Atrazine
 Concen: 48.203 ng
 RT: 17.133 min Scan# 2356
 Delta R.T. -0.004 min
 Lab File: BG056064.D
 Acq: 22 Dec 2022 16:10

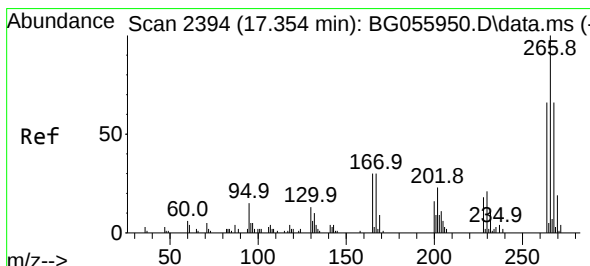
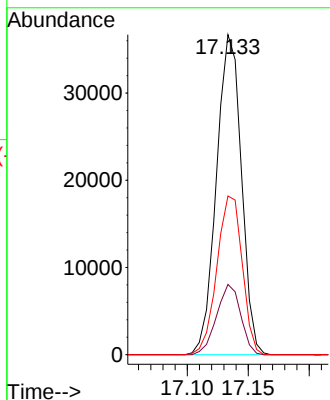
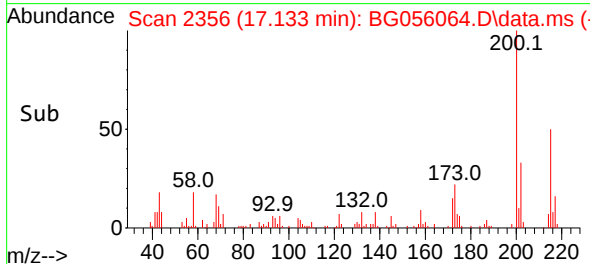
Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MSD



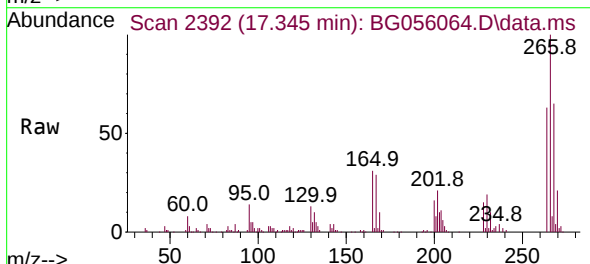
Tgt Ion:200 Resp: 52147
 Ion Ratio Lower Upper
 200 100
 173 21.9 1.4 41.4
 215 49.6 33.3 73.3

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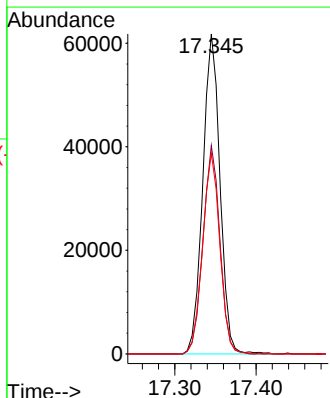
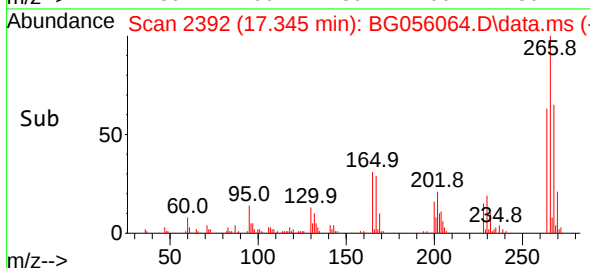
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

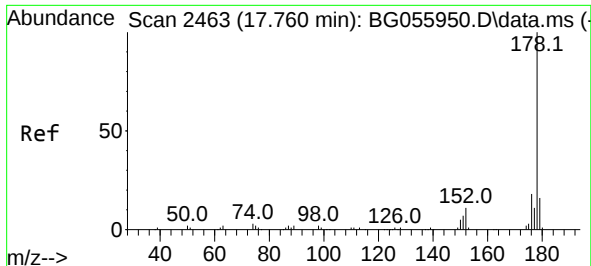


#70
 Pentachlorophenol
 Concen: 96.421 ng
 RT: 17.345 min Scan# 2392
 Delta R.T. -0.004 min
 Lab File: BG056064.D
 Acq: 22 Dec 2022 16:10



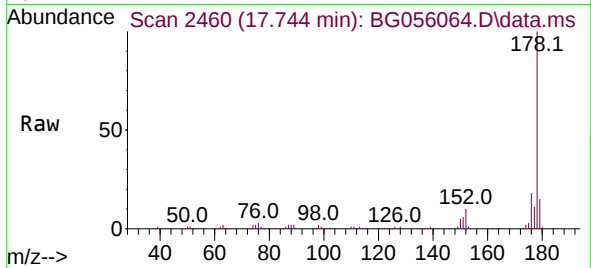
Tgt Ion:266 Resp: 90709
 Ion Ratio Lower Upper
 266 100
 268 65.1 55.5 83.3
 264 62.6 52.6 78.8





#71
Phenanthrene
Concen: 43.908 ng
RT: 17.744 min Scan# 2460
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

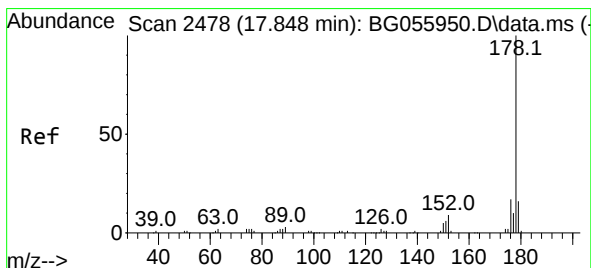
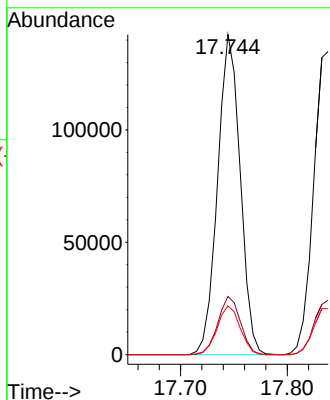
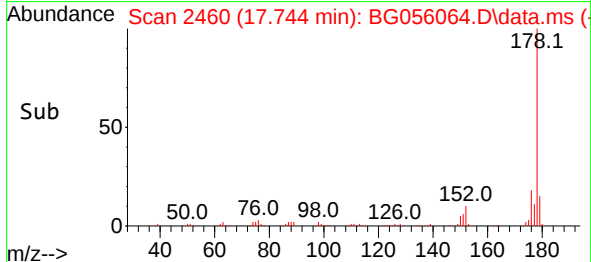
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



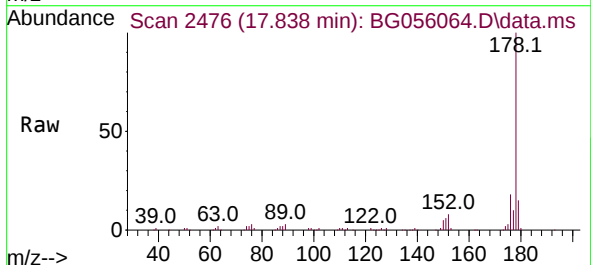
Tgt Ion:178 Resp: 209789
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.2 12.7 19.1

Manual Integrations
APPROVED

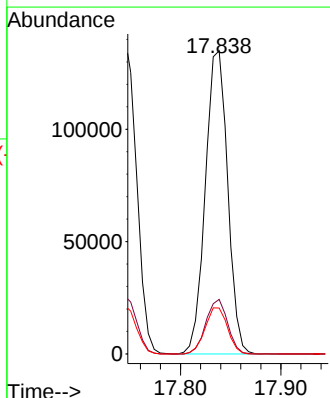
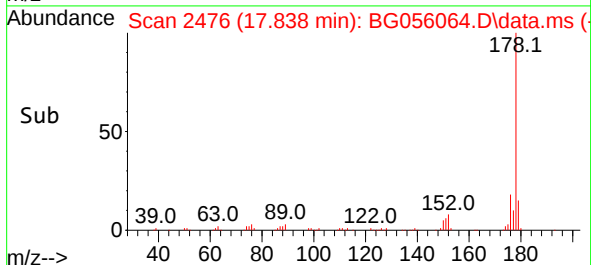
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

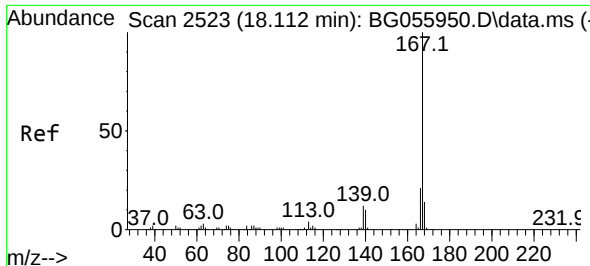


#72
Anthracene
Concen: 44.123 ng
RT: 17.838 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



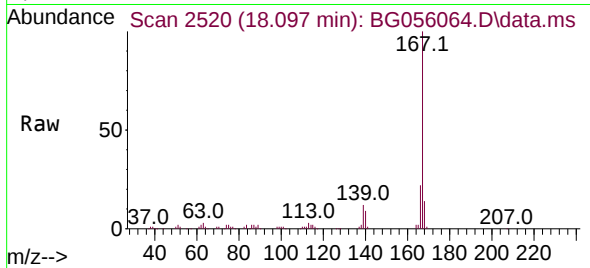
Tgt Ion:178 Resp: 208566
Ion Ratio Lower Upper
178 100
176 18.0 13.9 20.9
179 15.1 12.7 19.1





#73
Carbazole
Concen: 43.140 ng
RT: 18.097 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

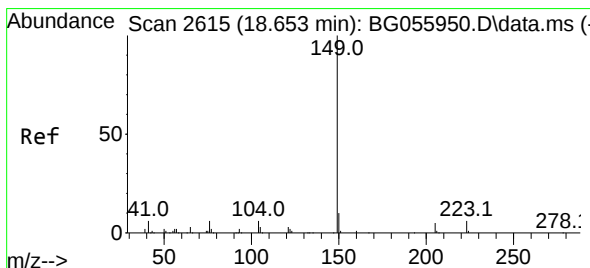
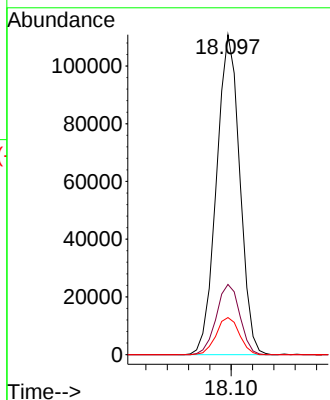
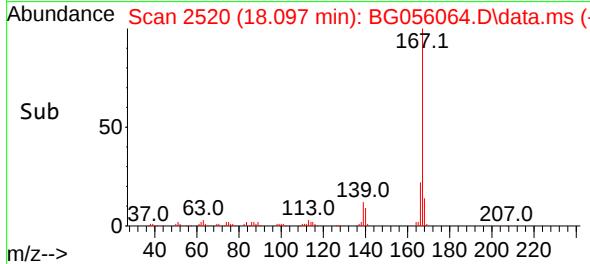
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



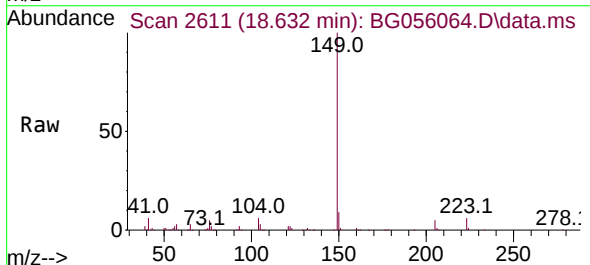
Tgt Ion:167 Resp: 168182
Ion Ratio Lower Upper
167 100
166 21.9 16.6 25.0
139 11.6 9.7 14.5

Manual Integrations
APPROVED

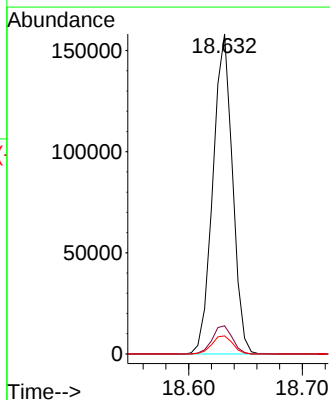
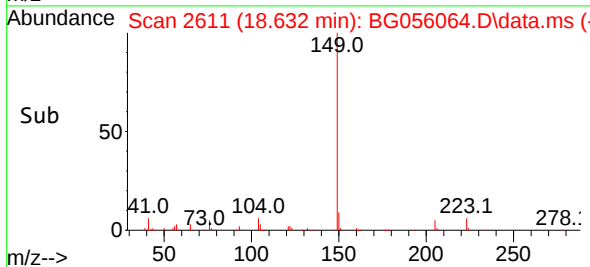
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

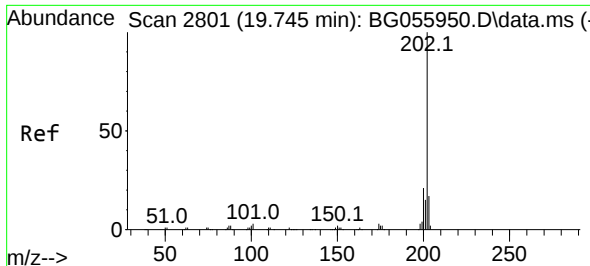


#74
Di-n-butylphthalate
Concen: 41.696 ng
RT: 18.632 min Scan# 2611
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



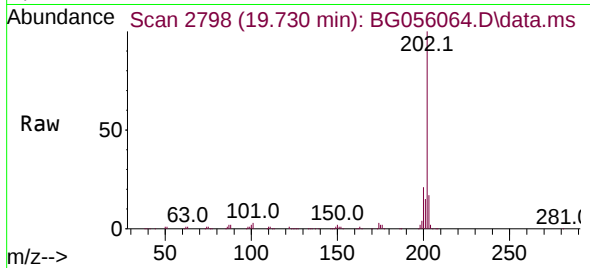
Tgt Ion:149 Resp: 189042
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 40.976 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

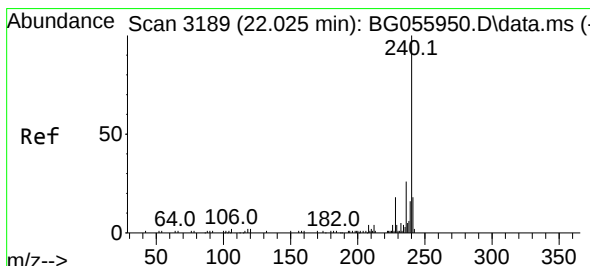
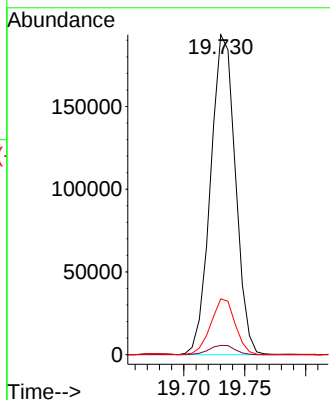
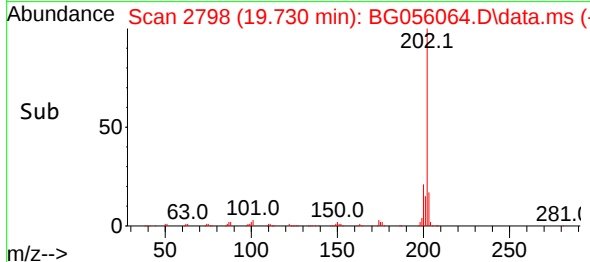
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:202 Resp: 274153
Ion Ratio Lower Upper
202 100
101 2.9 0.0 22.6
203 17.4 0.0 37.1

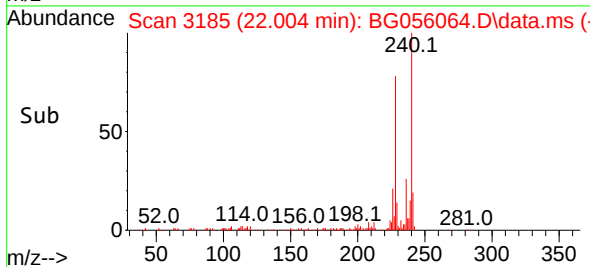
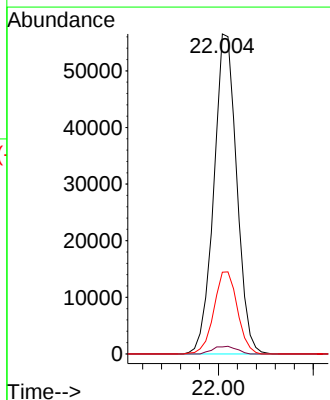
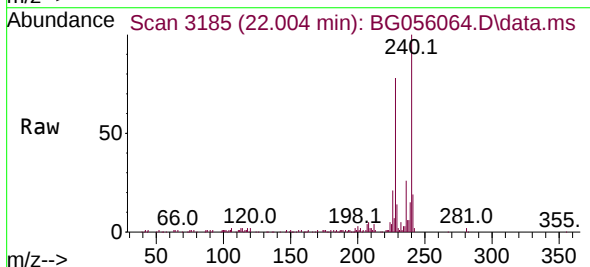
Manual Integrations
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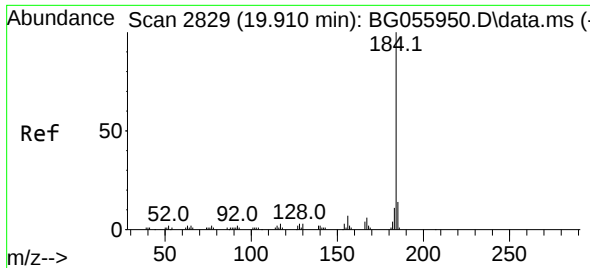
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.004 min Scan# 3185
Delta R.T. -0.009 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

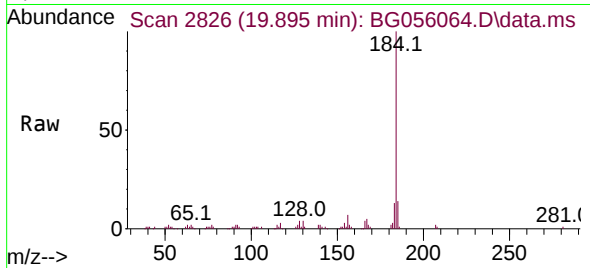
Tgt Ion:240 Resp: 94529
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 25.5 21.1 31.7





#77
Benzidine
Concen: 37.067 ng
RT: 19.895 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

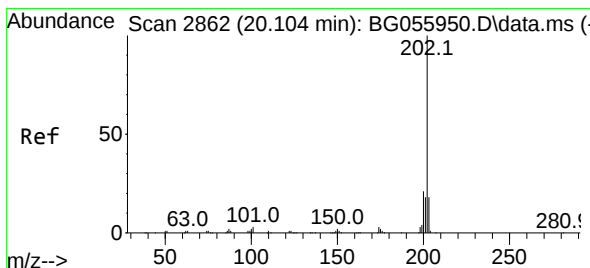
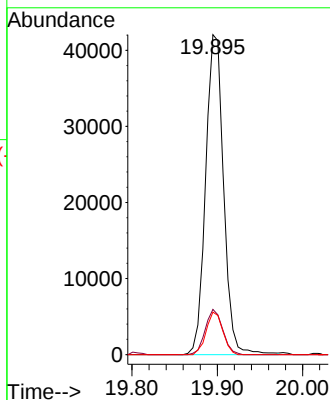
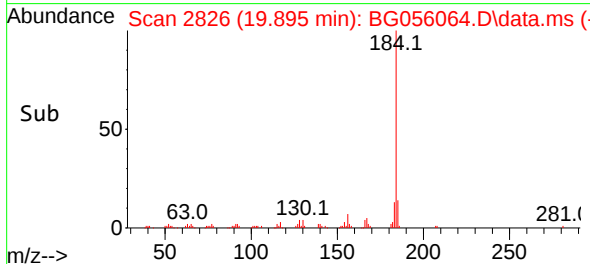
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



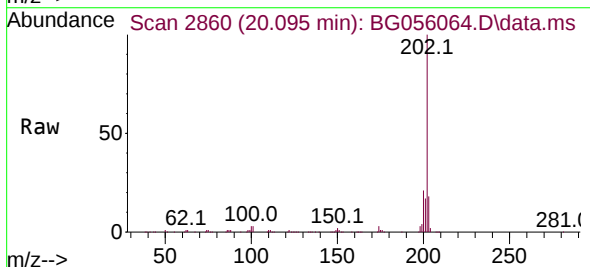
Tgt Ion:184 Resp: 61535
Ion Ratio Lower Upper
184 100
185 14.1 10.9 16.3
183 13.3 9.2 13.8

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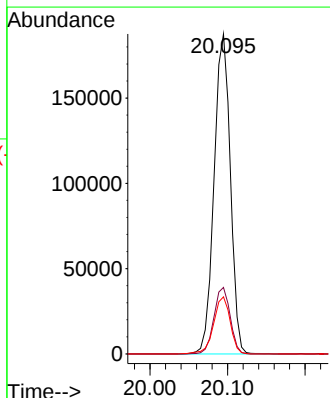
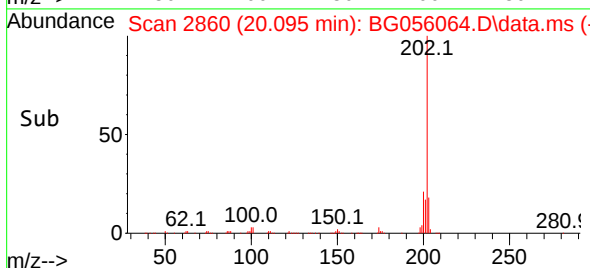
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

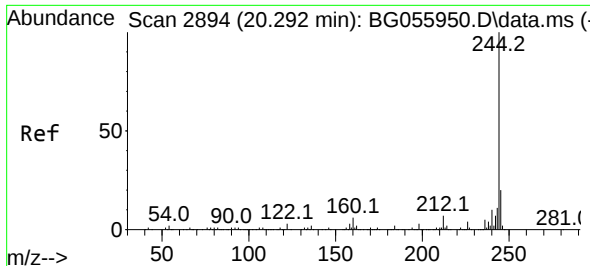


#78
Pyrene
Concen: 47.671 ng
RT: 20.095 min Scan# 2860
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



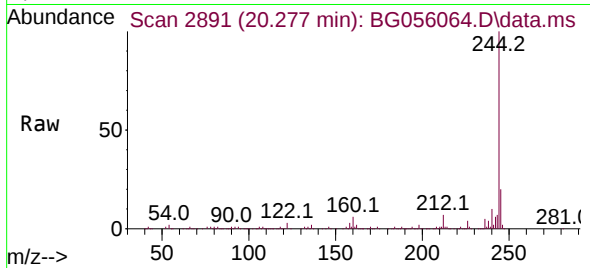
Tgt Ion:202 Resp: 272681
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 80.259 ng
 RT: 20.277 min Scan# 2891
 Delta R.T. -0.003 min
 Lab File: BG056064.D
 Acq: 22 Dec 2022 16:10

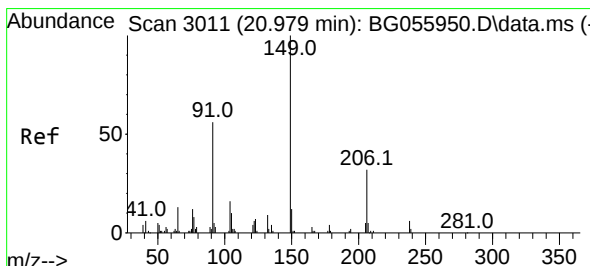
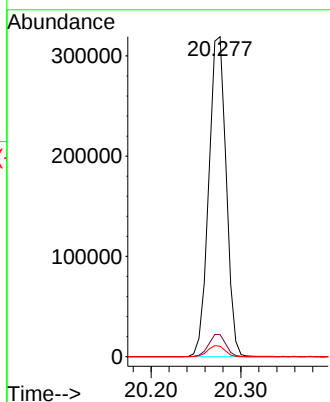
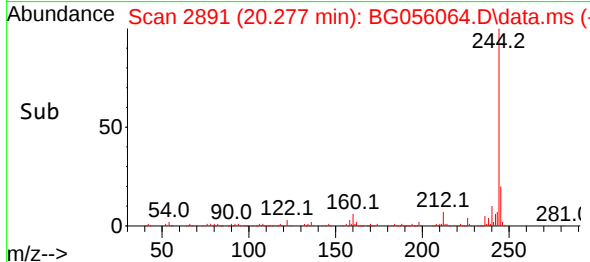
Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MSD



Tgt Ion:244 Resp: 429268
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.2 2.5 3.7

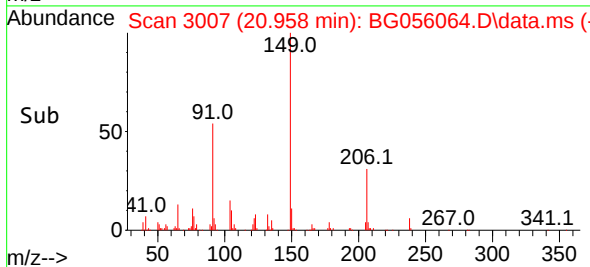
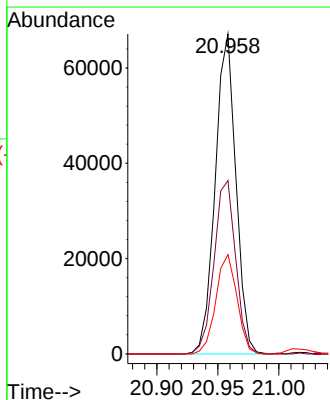
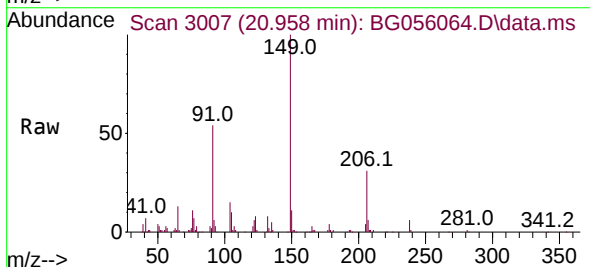
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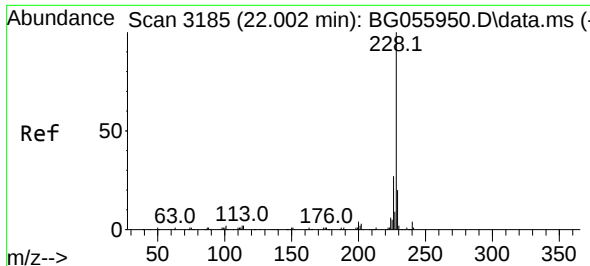
Reviewed By :Christian Giraldo 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#80
 Butylbenzylphthalate
 Concen: 48.942 ng
 RT: 20.958 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BG056064.D
 Acq: 22 Dec 2022 16:10

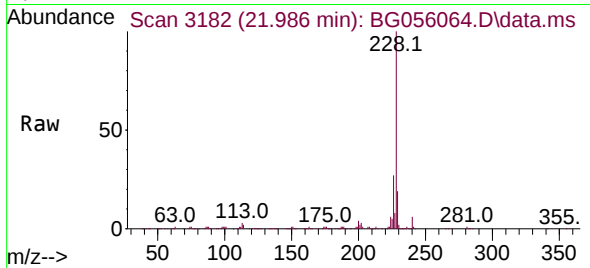
Tgt Ion:149 Resp: 79327
 Ion Ratio Lower Upper
 149 100
 91 54.2 44.5 66.7
 206 31.1 25.8 38.6





#81
Benzo(a)anthracene
Concen: 45.551 ng
RT: 21.986 min Scan# 3185
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

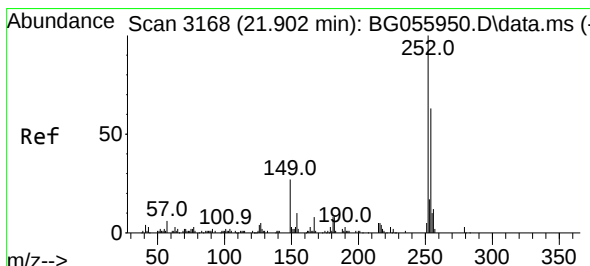
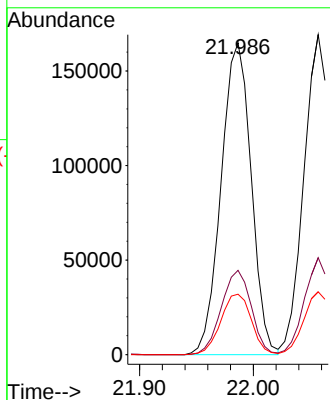
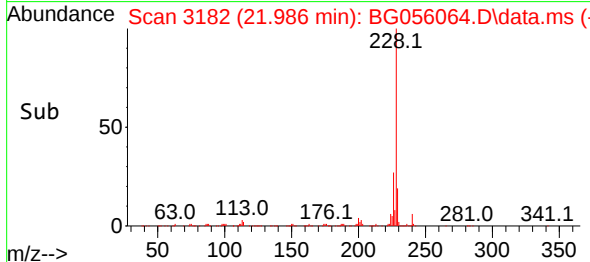
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:228 Resp: 302997
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 19.4 15.9 23.9

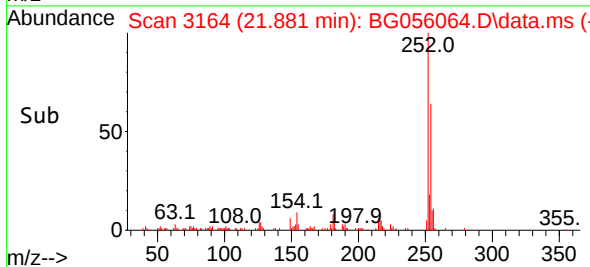
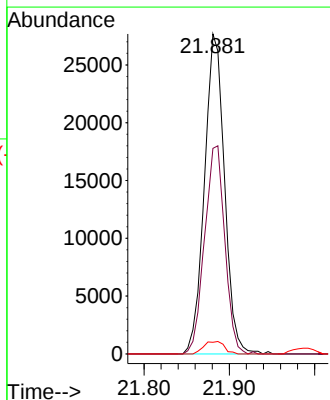
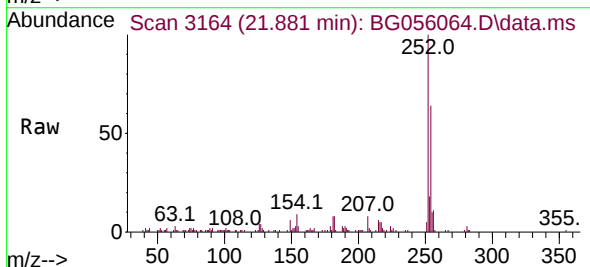
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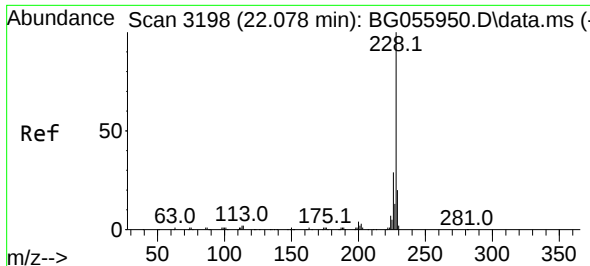
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 18.919 ng
RT: 21.881 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

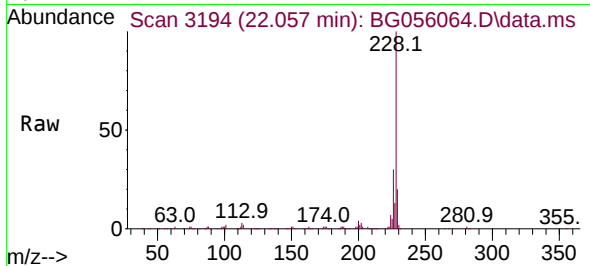
Tgt Ion:252 Resp: 45278
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.2
126 3.6 3.1 4.7





#83
Chrysene
Concen: 45.253 ng
RT: 22.057 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

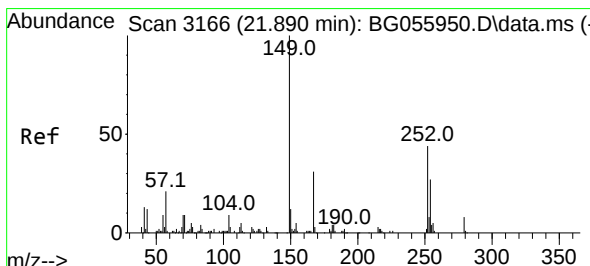
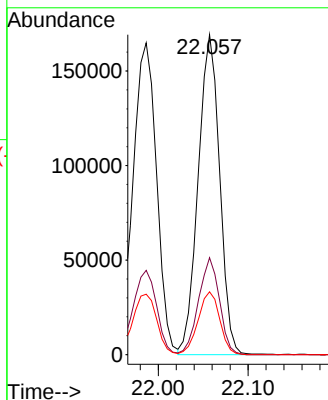
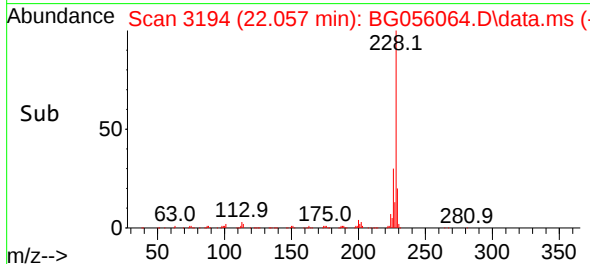
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:228 Resp: 282118
Ion Ratio Lower Upper
228 100
226 30.3 23.1 34.7
229 19.6 15.7 23.5

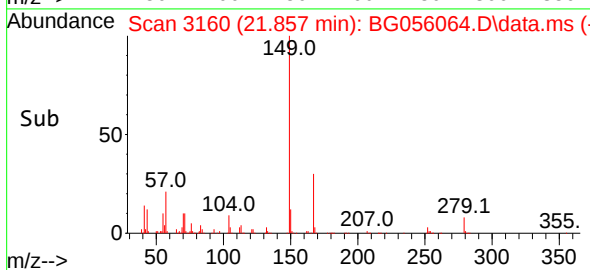
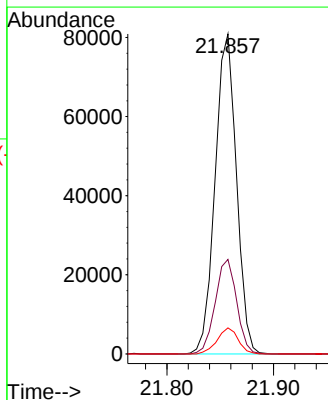
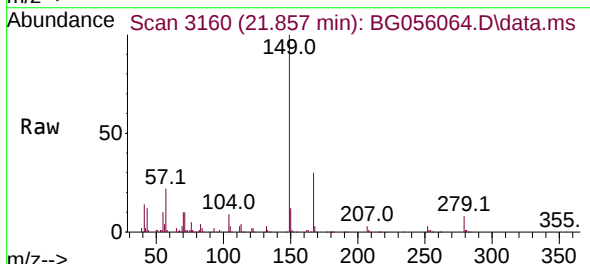
Manual Integrations
APPROVED

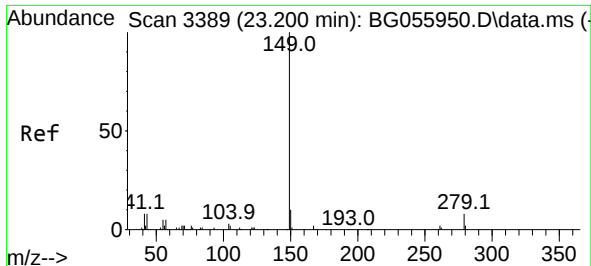
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.750 ng
RT: 21.857 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

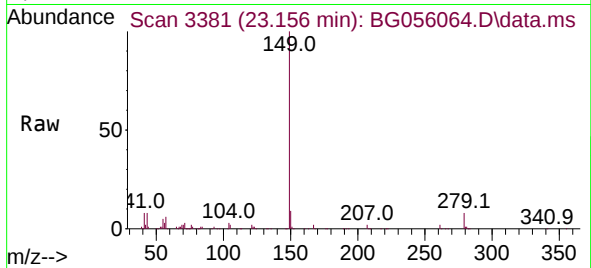
Tgt Ion:149 Resp: 112578
Ion Ratio Lower Upper
149 100
167 29.5 24.6 36.8
279 8.1 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 47.534 ng
RT: 23.156 min Scan# 3389
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

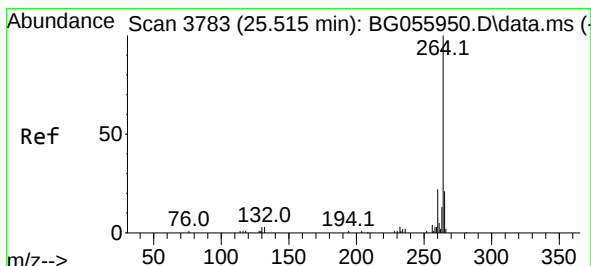
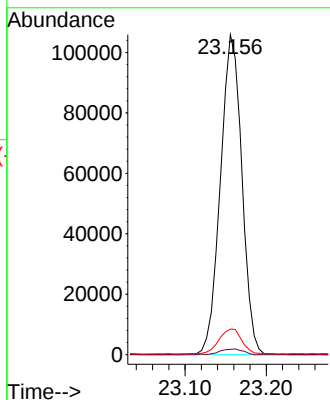
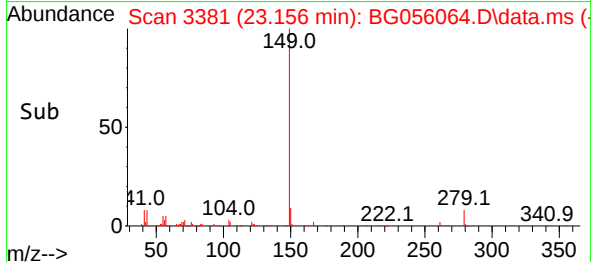
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



Tgt Ion:149 Resp: 194169
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 8.2 6.9 10.3

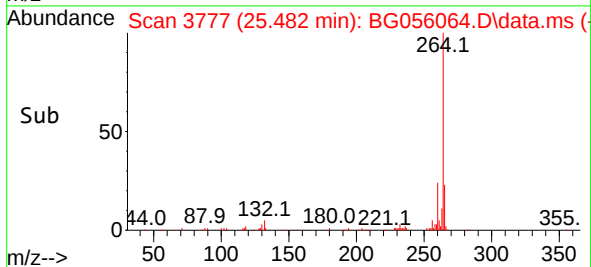
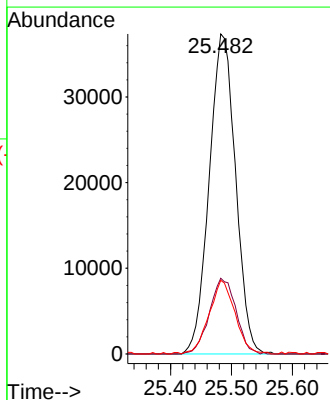
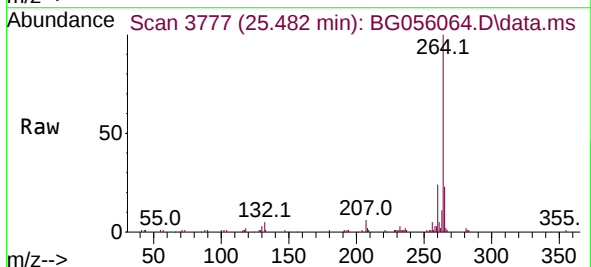
Manual Integrations
APPROVED

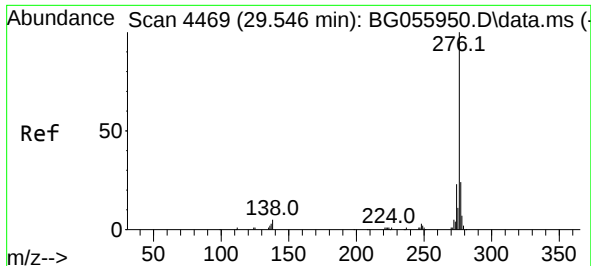
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.482 min Scan# 3777
Delta R.T. -0.009 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

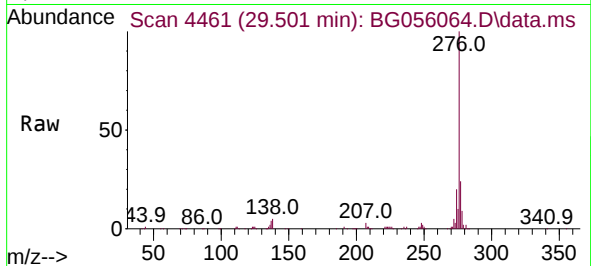
Tgt Ion:264 Resp: 112122
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.8
265 23.0 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.191 ng
RT: 29.501 min Scan# 4461
Delta R.T. -0.009 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10

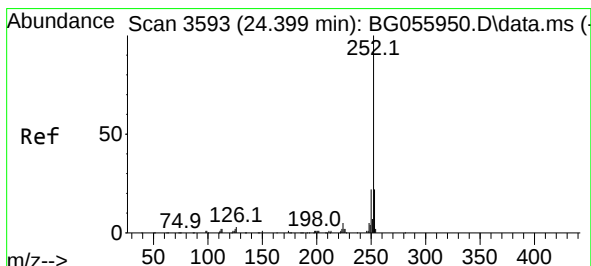
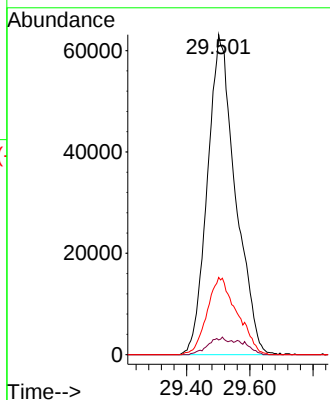
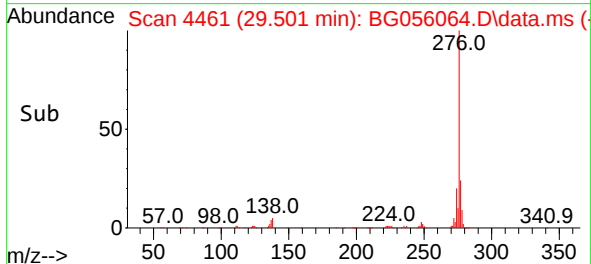
Instrument :
BNA_G
ClientSampleId :
A5(0-6)MSD



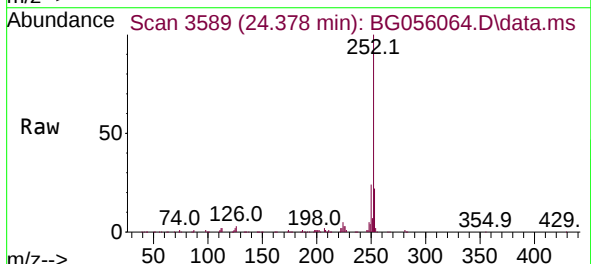
Tgt Ion:276 Resp: 389416
Ion Ratio Lower Upper
276 100
138 2.2 3.0 4.4
277 25.8 20.4 30.6

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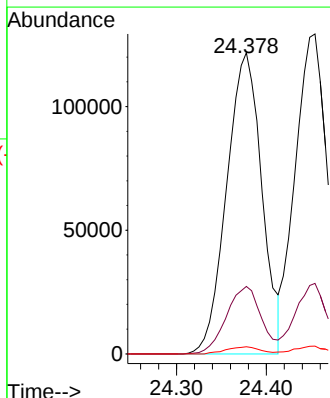
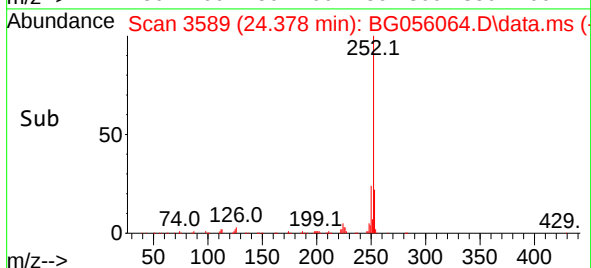
Reviewed By :Christian Giraldo 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

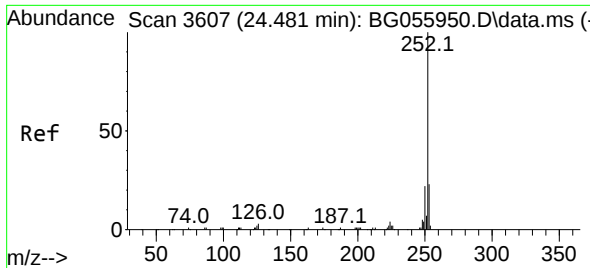


#88
Benzo(b)fluoranthene
Concen: 45.755 ng
RT: 24.378 min Scan# 3589
Delta R.T. -0.004 min
Lab File: BG056064.D
Acq: 22 Dec 2022 16:10



Tgt Ion:252 Resp: 332018
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 2.4 1.8 2.8





#89

Benzo(k)fluoranthene

Concen: 44.327 ng

RT: 24.454 min Scan# 3602

Delta R.T. -0.004 min

Lab File: BG056064.D

Acq: 22 Dec 2022 16:10

Instrument :

BNA_G

ClientSampleId :

A5(0-6)MSD

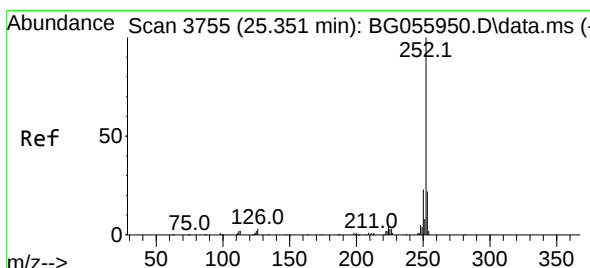
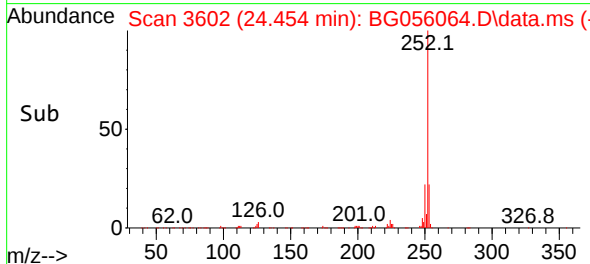
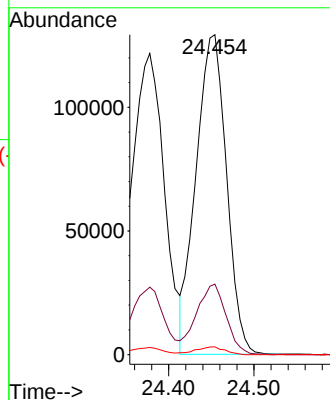
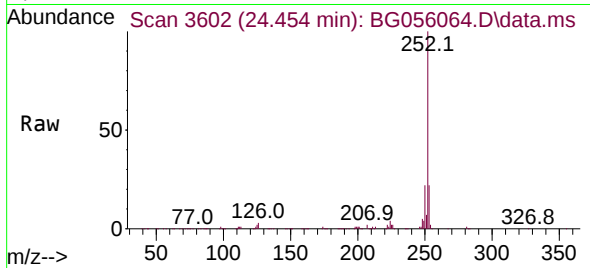
Tgt Ion:252 Resp: 320916

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	2.4	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: 47.407 ng

RT: 25.324 min Scan# 3750

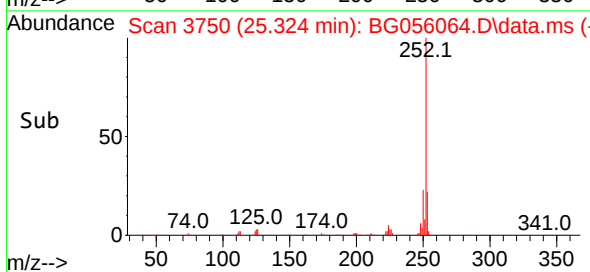
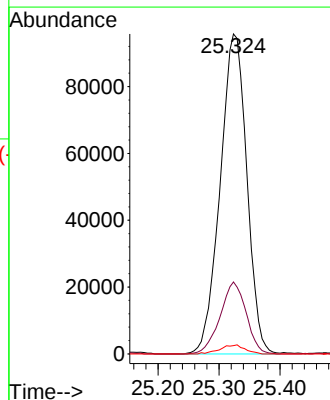
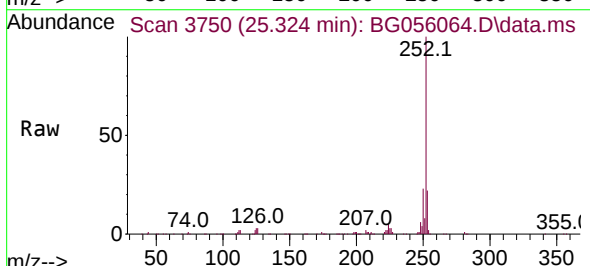
Delta R.T. -0.009 min

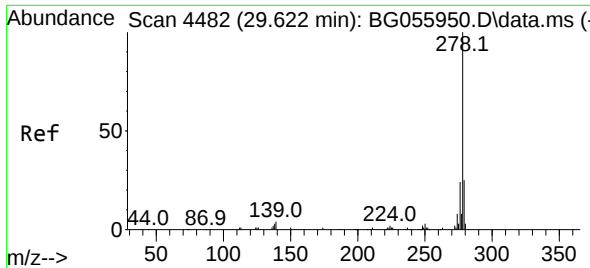
Lab File: BG056064.D

Acq: 22 Dec 2022 16:10

Tgt Ion:252 Resp: 290780

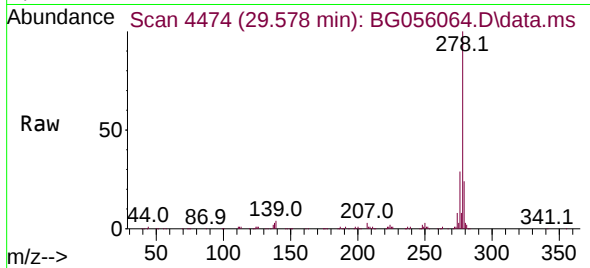
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	2.6	1.9	2.9





#91
 Dibenzo(a,h)anthracene
 Concen: 43.789 ng
 RT: 29.578 min Scan# 4482
 Delta R.T. -0.009 min
 Lab File: BG056064.D
 Acq: 22 Dec 2022 16:10

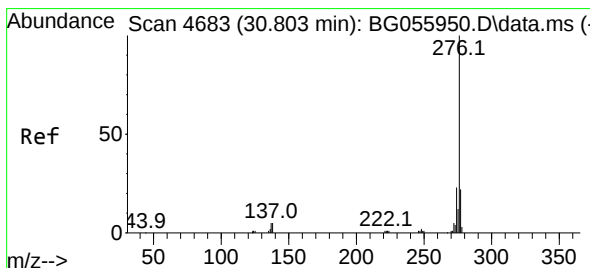
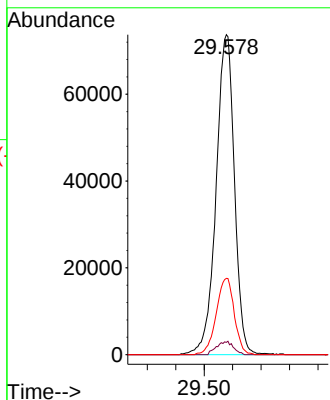
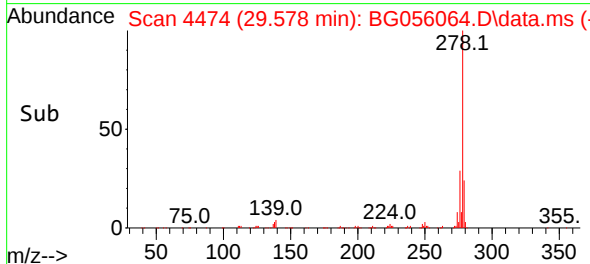
Instrument :
 BNA_G
 ClientSampleId :
 A5(0-6)MSD



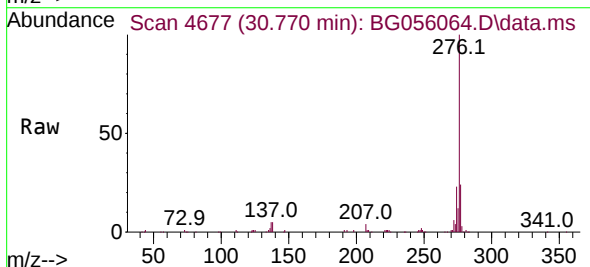
Tgt Ion:278 Resp: 330452
 Ion Ratio Lower Upper
 278 100
 139 3.8 2.9 4.3
 279 23.8 20.0 30.0

Manual Integrations
 APPROVED

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



#92
 Benzo(g,h,i)perylene
 Concen: 43.178 ng
 RT: 30.770 min Scan# 4677
 Delta R.T. -0.015 min
 Lab File: BG056064.D
 Acq: 22 Dec 2022 16:10



Tgt Ion:276 Resp: 315039
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.8 26.6
 138 4.9 3.8 5.6

