

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
 Data File : BG056042.D
 Acq On : 21 Dec 2022 10:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :mohammad ahmed 12/22/2022

Quant Time: Dec 22 01:21:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 01:11:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	8868	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	35035	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	31983	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	94668	20.000	ng	# 0.00
76) Chrysene-d12	22.015	240	88951	20.000	ng	# 0.00
86) Perylene-d12	25.505	264	108615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	31519	83.353	ng	0.00
7) Phenol-d6	7.491	99	41648	85.636	ng	0.00
23) Nitrobenzene-d5	9.536	82	46718	93.185	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	66757	86.562	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	187913	82.402	ng	0.00
79) Terphenyl-d14	20.282	244	438436	87.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.707	88	5108	46.418	ng	# 87
3) Pyridine	4.124	79	15951	44.045	ng	95
4) n-Nitrosodimethylamine	4.030	42	12399	38.086	ng	87
6) Aniline	7.673	93	24831	42.644	ng	91
8) 2-Chlorophenol	7.920	128	19874	40.738	ng	95
9) Benzaldehyde	7.485	77	12002	39.295	ng	94
10) Phenol	7.520	94	22186	41.682	ng	96
11) bis(2-Chloroethyl)ether	7.767	93	14793	42.667	ng	96
12) 1,3-Dichlorobenzene	8.255	146	25373	40.206	ng	94
13) 1,4-Dichlorobenzene	8.402	146	25515	39.562	ng	98
14) 1,2-Dichlorobenzene	8.725	146	24586	39.889	ng	99
15) Benzyl Alcohol	8.595	79	20111	39.797	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.883	45	21812	48.338	ng	96
17) 2-Methylphenol	8.789	107	17469	41.713	ng	95
18) Hexachloroethane	9.465	117	8179	41.778	ng	93
19) n-Nitroso-di-n-propyla...	9.165	70	15133	43.411	ng	90
20) 3+4-Methylphenols	9.118	107	25195	42.158	ng	98
22) Acetophenone	9.189	105	33534	38.611	ng	96
24) Nitrobenzene	9.583	77	23516	46.600	ng	97
25) Isophorone	10.100	82	42502	40.429	ng	99
26) 2-Nitrophenol	10.299	139	13791	46.165	ng	94
27) 2,4-Dimethylphenol	10.335	122	18931m	37.733	ng	
28) bis(2-Chloroethoxy)met...	10.576	93	20218	43.515	ng	96
29) 2,4-Dichlorophenol	10.828	162	28754	40.380	ng	96
30) 1,2,4-Trichlorobenzene	11.051	180	35555	38.410	ng	98
31) Naphthalene	11.251	128	72406	39.168	ng	99
32) Benzoic acid	10.458	122	18689	43.979	ng	89
33) 4-Chloroaniline	11.345	127	32025	40.411	ng	96
34) Hexachlorobutadiene	11.527	225	31871	36.623	ng	95
35) Caprolactam	12.109	113	8020	40.423	ng	# 86
36) 4-Chloro-3-methylphenol	12.432	107	27166	40.685	ng	95
37) 2-Methylnaphthalene	12.826	142	63417	38.829	ng	97
38) 1-Methylnaphthalene	13.043	142	62847	39.500	ng	99
40) 1,2,4,5-Tetrachloroben...	13.184	216	54867	40.660	ng	99
41) Hexachlorocyclopentadiene	13.161	237	32005	41.807	ng	96
43) 2,4,6-Trichlorophenol	13.413	196	35865	44.899	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M

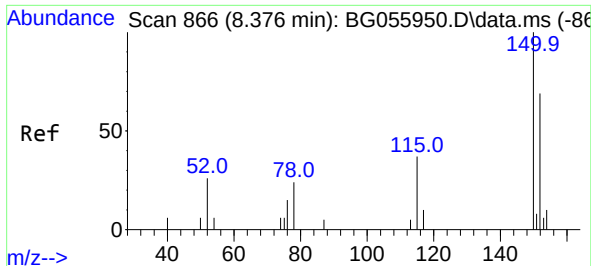
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 21 01:11:10 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.484	196	39691	44.079	ng	99
46) 1,1'-Biphenyl	13.813	154	91249	42.091	ng	99
47) 2-Chloronaphthalene	13.860	162	73273	41.597	ng	94
48) 2-Nitroaniline	14.048	65	18540	53.075	ng	93
49) Acenaphthylene	14.700	152	118396	42.109	ng	99
50) Dimethylphthalate	14.412	163	113359	40.996	ng	100
51) 2,6-Dinitrotoluene	14.536	165	22776	53.228	ng	92
52) Acenaphthene	15.035	154	80248	42.514	ng	95
53) 3-Nitroaniline	14.865	138	21377	49.115	ng	88
54) 2,4-Dinitrophenol	15.064	184	15543	48.861	ng	# 79
55) Dibenzofuran	15.364	168	132418	41.717	ng	99
56) 4-Nitrophenol	15.147	139	17111	49.060	ng	96
57) 2,4-Dinitrotoluene	15.317	165	32592	50.460	ng	# 90
58) Fluorene	16.010	166	106742	41.138	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.581	232	45922	44.641	ng	99
60) Diethylphthalate	15.758	149	109927	40.674	ng	99
61) 4-Chlorophenyl-phenyle...	15.993	204	72235	40.866	ng	98
62) 4-Nitroaniline	16.022	138	23105	48.746	ng	96
63) Azobenzene	16.286	77	69069	41.988	ng	98
65) 4,6-Dinitro-2-methylph...	16.075	198	22430	49.598	ng	90
66) n-Nitrosodiphenylamine	16.204	169	98973	39.895	ng	99
67) 4-Bromophenyl-phenylether	16.886	248	54138	39.027	ng	97
68) Hexachlorobenzene	17.015	284	66280	38.791	ng	98
69) Atrazine	17.138	200	43933	39.111	ng	96
70) Pentachlorophenol	17.350	266	40995	41.968	ng	93
71) Phenanthrene	17.749	178	196881	39.685	ng	100
72) Anthracene	17.843	178	192781	39.278	ng	100
73) Carbazole	18.102	167	157394	38.882	ng	99
74) Di-n-butylphthalate	18.637	149	176653	37.525	ng	99
75) Fluoranthene	19.741	202	244798	35.238	ng	99
77) Benzidine	19.900	184	67576	43.259	ng	98
78) Pyrene	20.100	202	242603	45.073	ng	99
80) Butylbenzylphthalate	20.963	149	68935	45.197	ng	99
81) Benzo(a)anthracene	21.992	228	263690	42.128	ng	100
82) 3,3'-Dichlorobenzidine	21.892	252	96554	42.874	ng	97
83) Chrysene	22.068	228	252524	43.046	ng	99
84) Bis(2-ethylhexyl)phtha...	21.862	149	96277	42.488	ng	97
85) Di-n-octyl phthalate	23.173	149	164383	42.766	ng	100
87) Indeno(1,2,3-cd)pyrene	29.524	276	340243	38.956	ng	# 100
88) Benzo(b)fluoranthene	24.389	252	272547	38.772	ng	97
89) Benzo(k)fluoranthene	24.465	252	277995	39.638	ng	100
90) Benzo(a)pyrene	25.341	252	231149	38.902	ng	99
91) Dibenzo(a,h)anthracene	29.606	278	287125	39.276	ng	98
92) Benzo(g,h,i)perylene	30.799	276	276865	39.171	ng	99

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



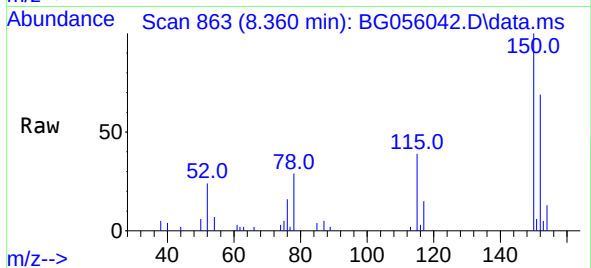
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

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BNA_G

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SSTDCCC040

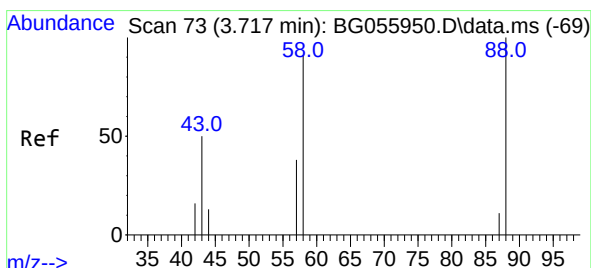
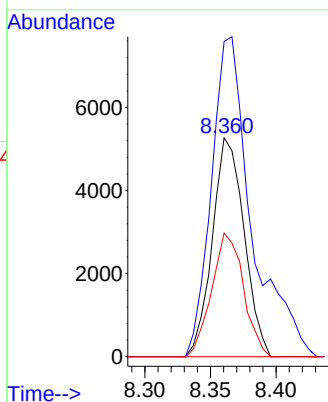
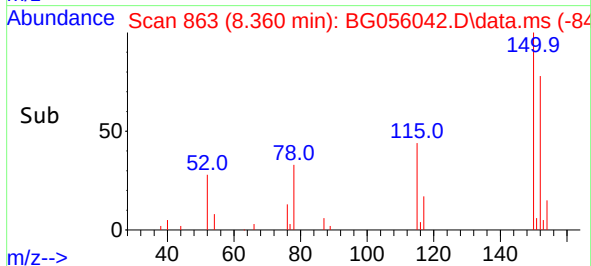


Tgt Ion:152 Resp: 886
Ion Ratio Lower Upper
152 100
150 144.0 115.7 173.5
115 56.5 43.0 64.4

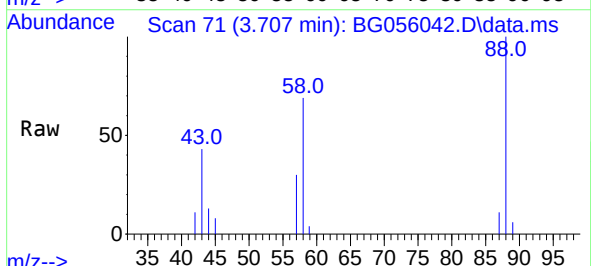
Manual Integrations

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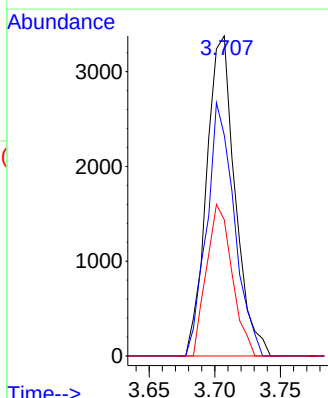
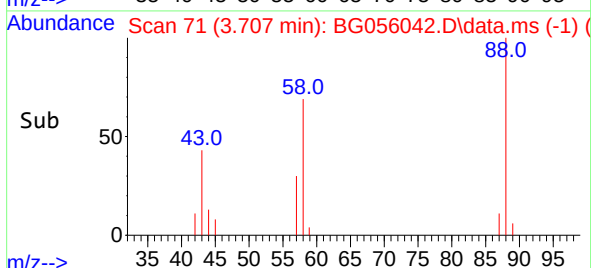
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

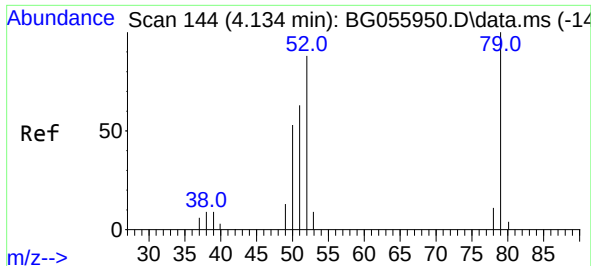


#2
1,4-Dioxane
Concen: 46.418 ng
RT: 3.707 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



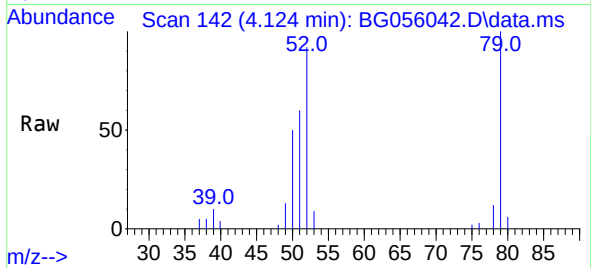
Tgt Ion: 88 Resp: 5108
Ion Ratio Lower Upper
88 100
58 76.4 67.0 100.4
43 42.4 45.7 68.5#





#3
Pyridine
Concen: 44.045 ng
RT: 4.124 min Scan# 144
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

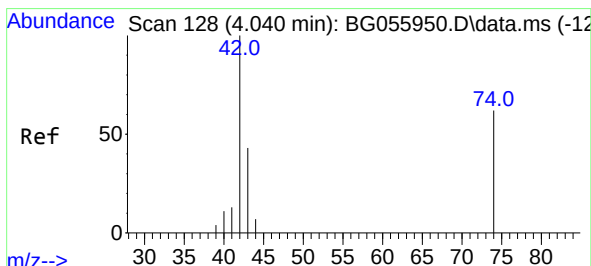
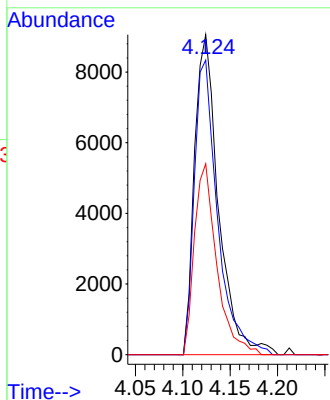
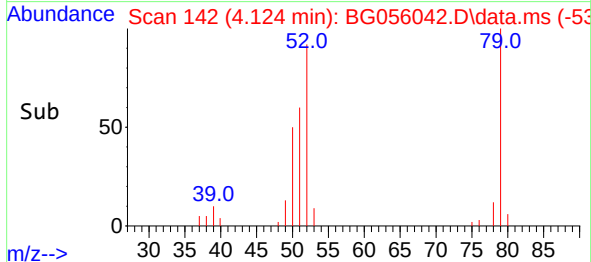
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



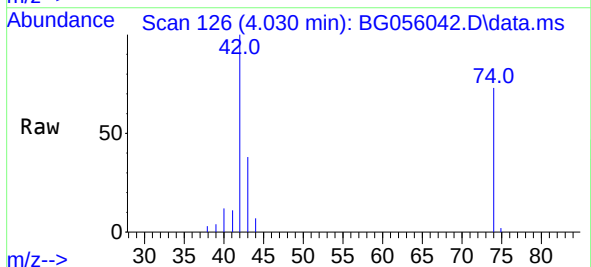
Tgt Ion: 79 Resp: 1595
Ion Ratio Lower Upper
79 100
52 92.1 70.3 105.5
51 59.7 50.6 76.0

Manual Integrations
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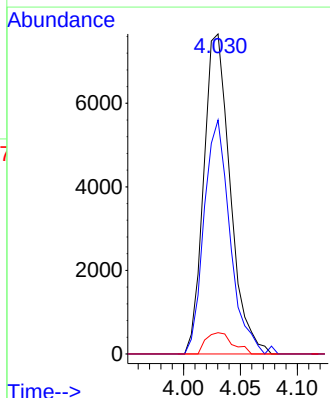
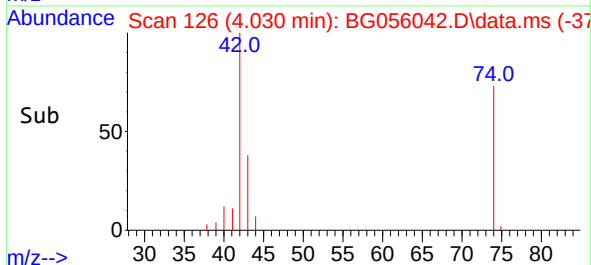
Reviewed By :Christian Giraldo 12/22/2022
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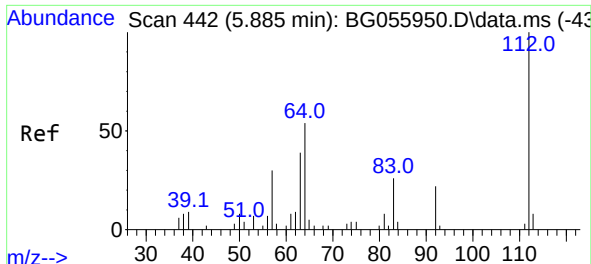


#4
n-Nitrosodimethylamine
Concen: 38.086 ng
RT: 4.030 min Scan# 126
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion: 42 Resp: 12399
Ion Ratio Lower Upper
42 100
74 73.1 49.8 74.6
44 6.6 5.2 7.8





#5
2-Fluorophenol
Concen: 83.353 ng
RT: 5.875 min Scan# 442
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

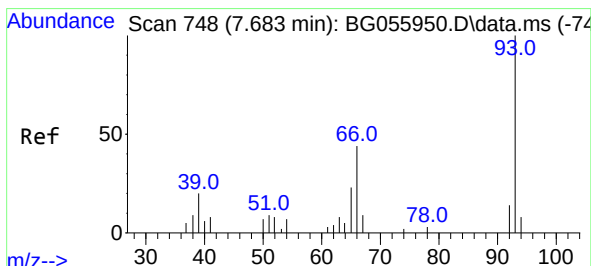
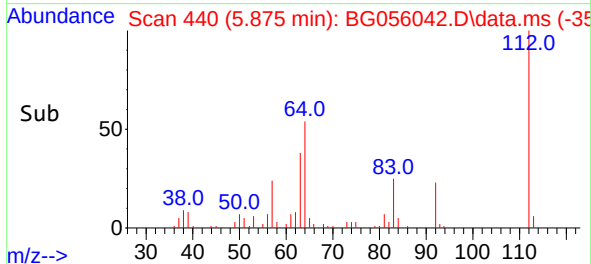
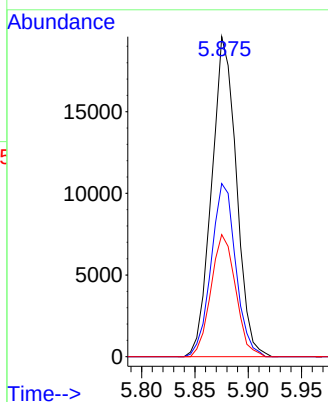
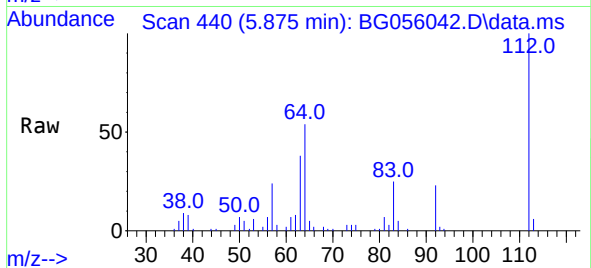
SSTDCCC040

Tgt Ion:112 Resp: 31519
Ion Ratio Lower Upper
112 100
64 54.1 43.0 64.4
63 38.1 31.4 47.2

Manual Integrations

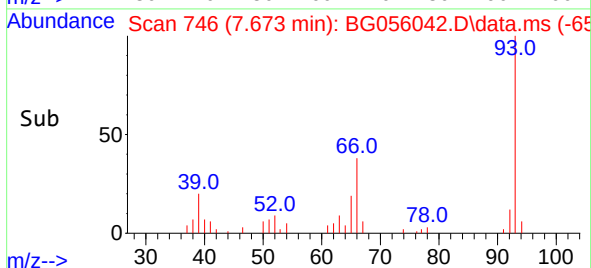
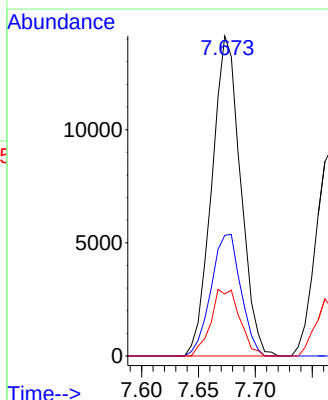
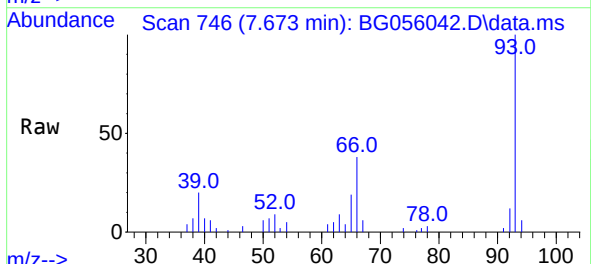
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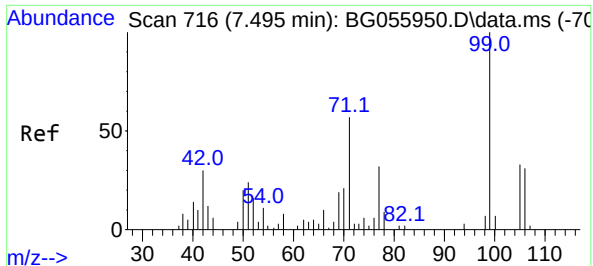
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#6
Aniline
Concen: 42.644 ng
RT: 7.673 min Scan# 746
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion: 93 Resp: 24831
Ion Ratio Lower Upper
93 100
66 37.7 35.5 53.3
65 19.3 18.2 27.2





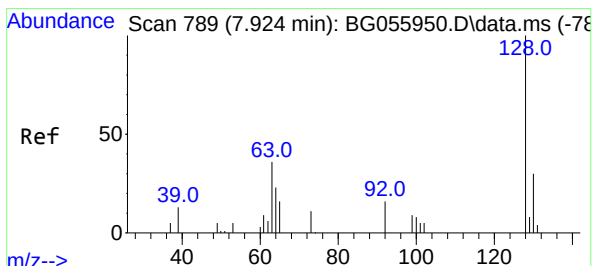
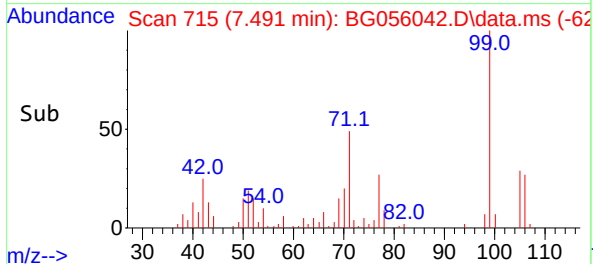
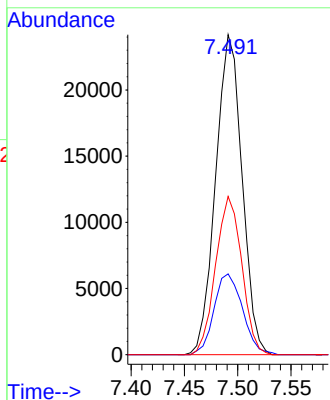
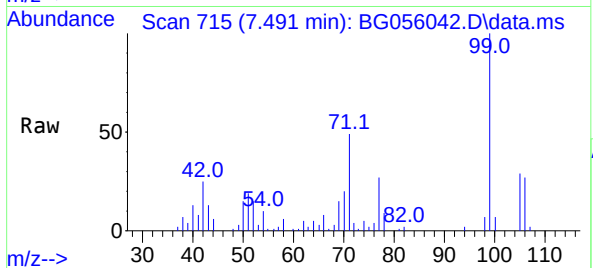
#7
Phenol-d6
Concen: 85.636 ng
RT: 7.491 min Scan# 716
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 41648
Ion Ratio Lower Upper
99 100
42 25.2 24.3 36.5
71 49.4 45.6 68.4

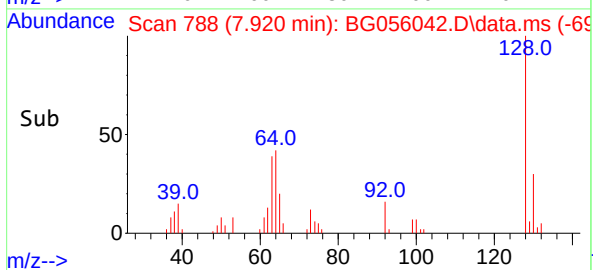
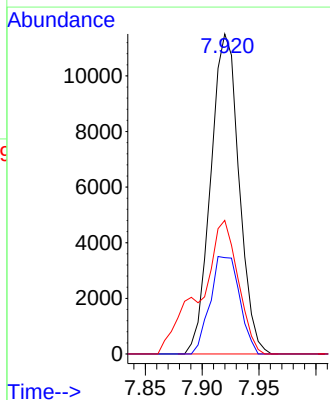
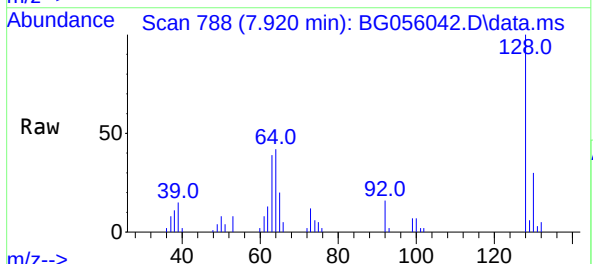
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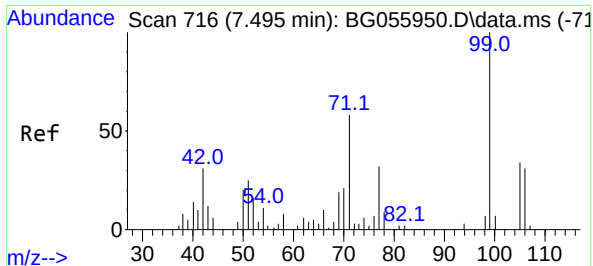
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#8
2-Chlorophenol
Concen: 40.738 ng
RT: 7.920 min Scan# 788
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:128 Resp: 19874
Ion Ratio Lower Upper
128 100
130 30.1 9.9 49.9
64 41.7 16.7 56.7





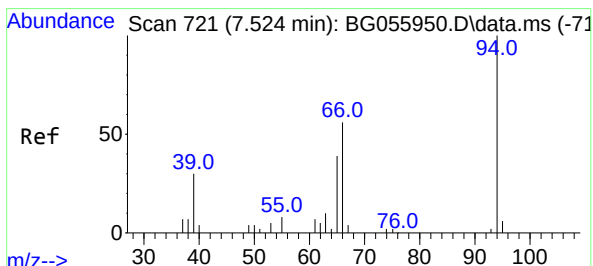
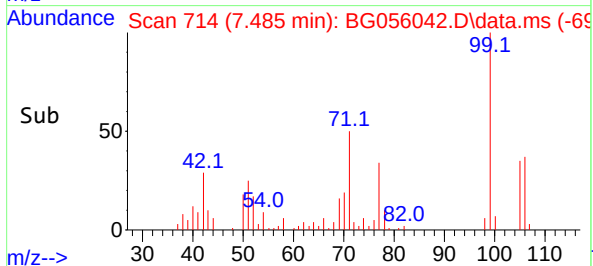
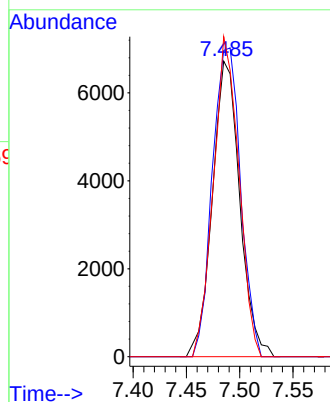
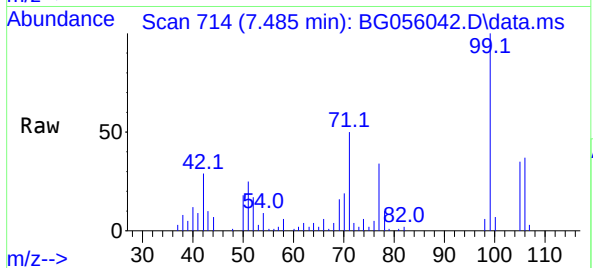
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Benzaldehyde
Concen: 39.295 ng
RT: 7.485 min Scan# 716
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1200
Ion Ratio Lower Upper
77 100
105 103.6 83.1 123.1
106 108.3 76.3 116.3

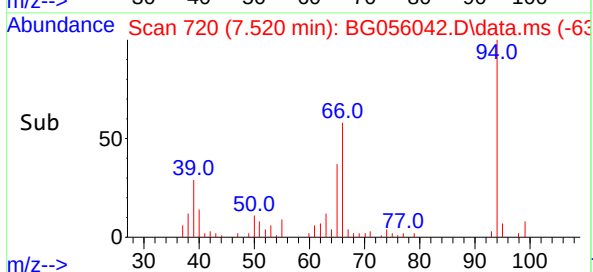
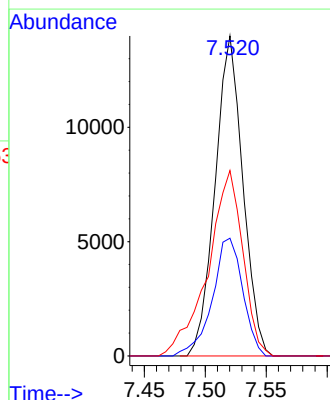
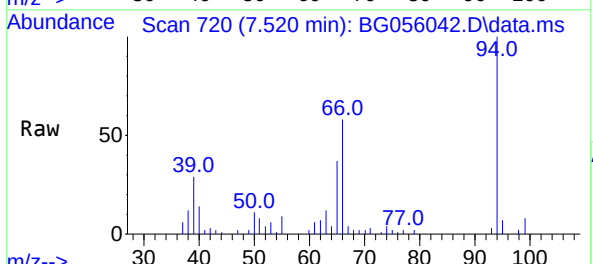
Manual Integrations
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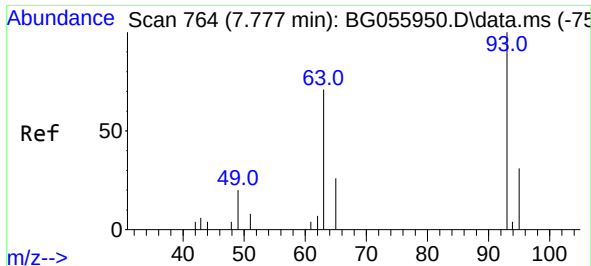
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#10
Phenol
Concen: 41.682 ng
RT: 7.520 min Scan# 720
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion: 94 Resp: 22186
Ion Ratio Lower Upper
94 100
65 36.8 18.9 58.9
66 57.9 41.5 81.5





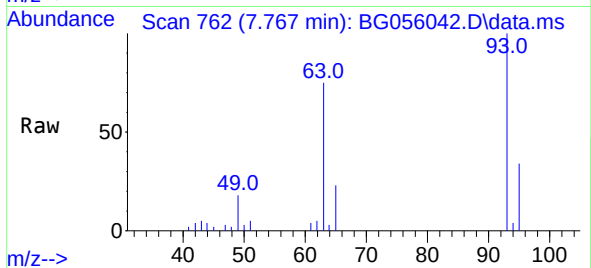
#11
bis(2-Chloroethyl)ether
Concen: 42.667 ng
RT: 7.767 min Scan# 764
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

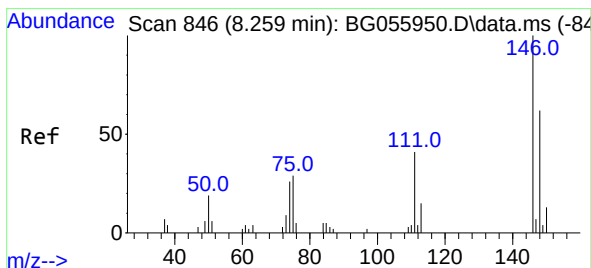
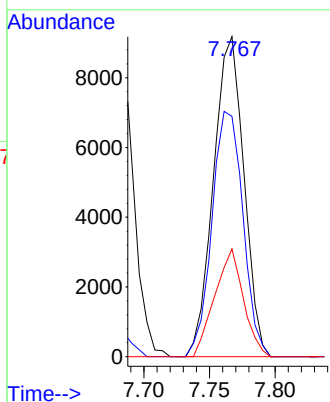
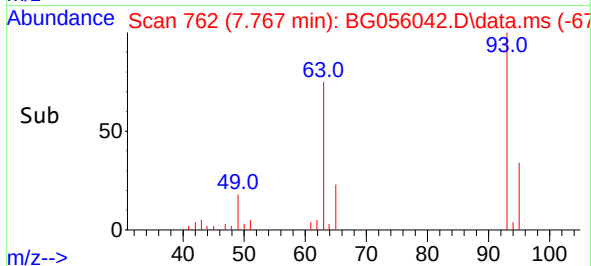


Tgt Ion: 93 Resp: 14793
Ion Ratio Lower Upper
93 100
63 75.1 51.4 91.4
95 33.7 11.3 51.3

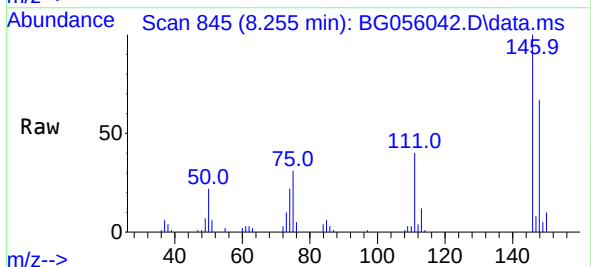
Manual Integrations

APPROVED

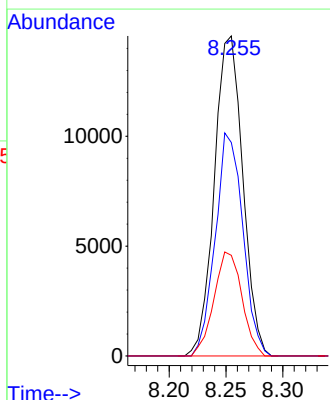
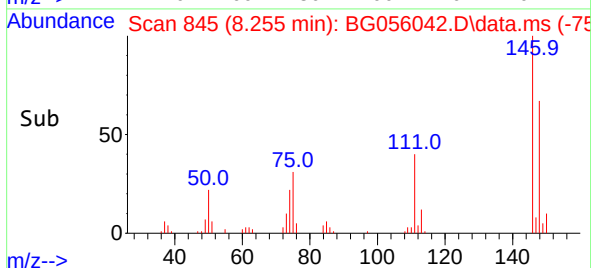
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

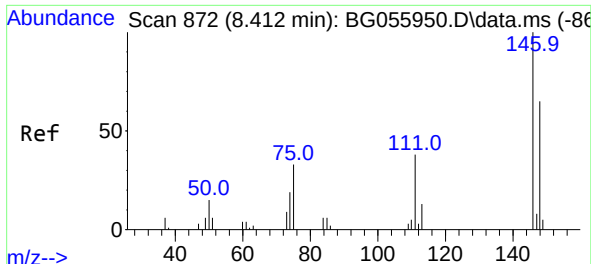


#12
1,3-Dichlorobenzene
Concen: 40.206 ng
RT: 8.255 min Scan# 845
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:146 Resp: 25373
Ion Ratio Lower Upper
146 100
148 66.7 49.7 74.5
75 31.5 22.9 34.3





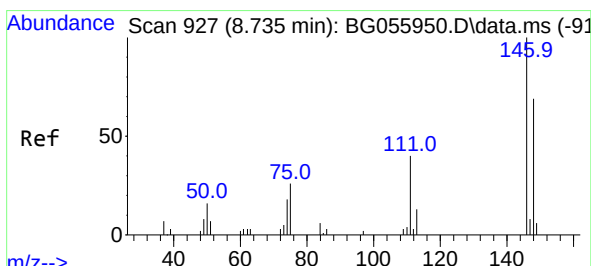
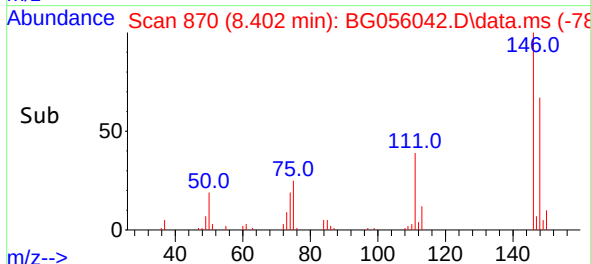
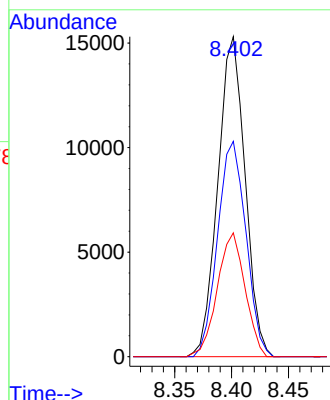
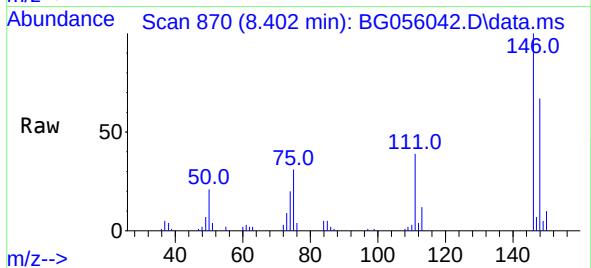
#13
1,4-Dichlorobenzene
Concen: 39.562 ng
RT: 8.402 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 2551
Ion Ratio Lower Upper
146 100
148 67.3 52.4 78.6
111 38.7 30.6 46.0

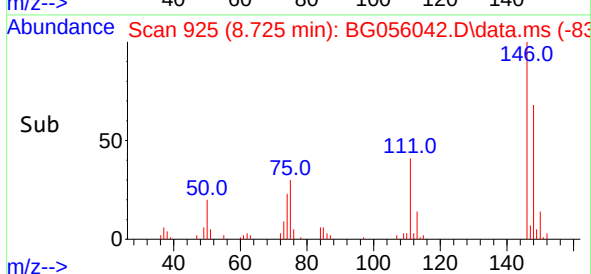
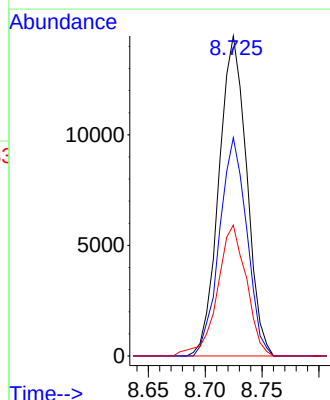
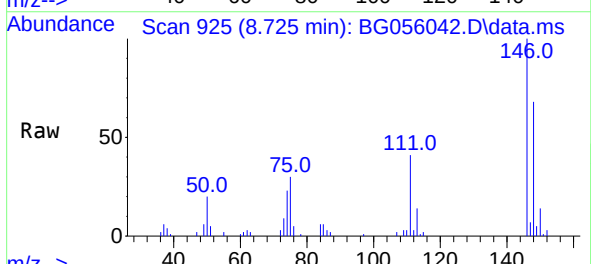
Manual Integrations
APPROVED

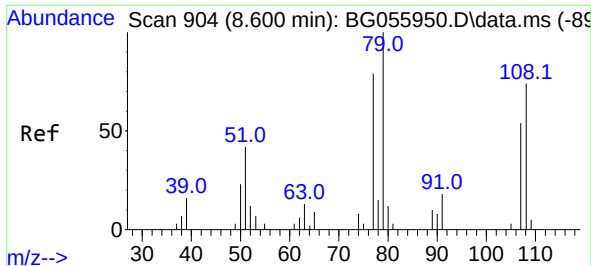
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#14
1,2-Dichlorobenzene
Concen: 39.889 ng
RT: 8.725 min Scan# 925
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:146 Resp: 24586
Ion Ratio Lower Upper
146 100
148 68.2 55.1 82.7
111 40.9 32.4 48.6





#15
Benzyl Alcohol
Concen: 39.797 ng
RT: 8.595 min Scan# 903
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

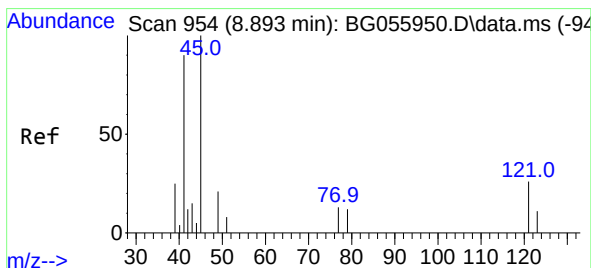
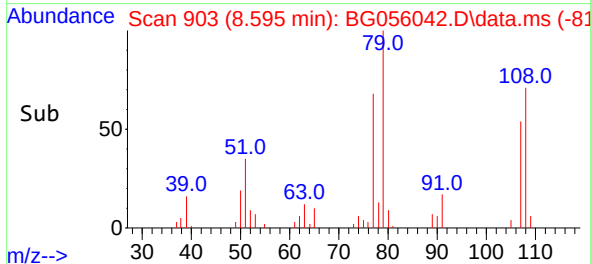
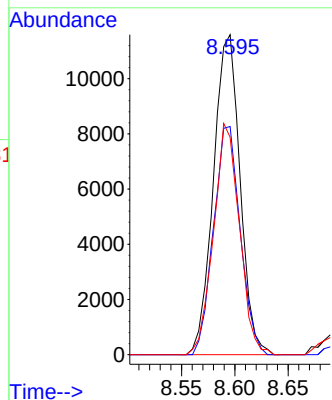
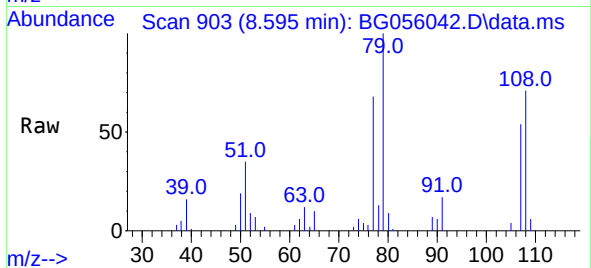
SSTDCCC040

Tgt Ion: 79 Resp: 2011
Ion Ratio Lower Upper
79 100
108 71.3 59.5 89.3
77 67.9 63.0 94.6

Manual Integrations

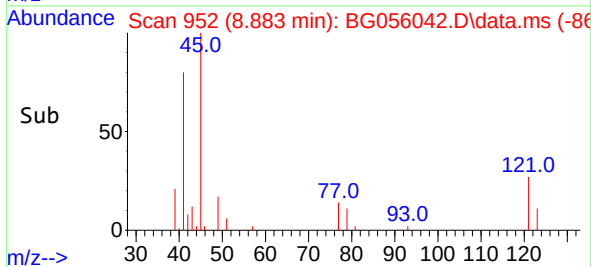
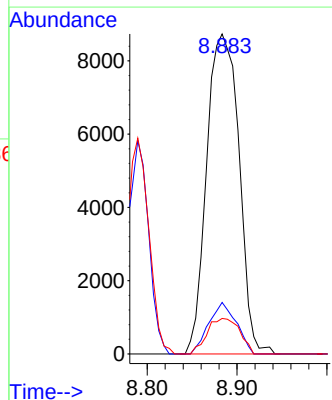
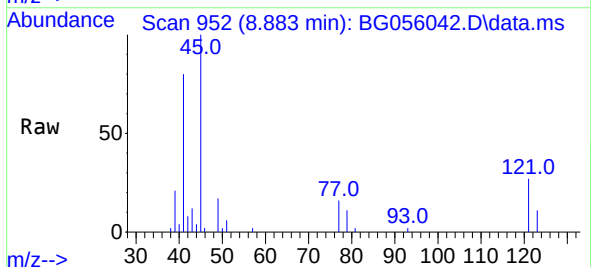
APPROVED

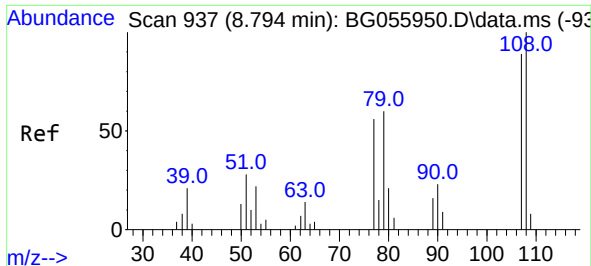
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.338 ng
RT: 8.883 min Scan# 952
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion: 45 Resp: 21812
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.4
79 11.1 0.0 31.8





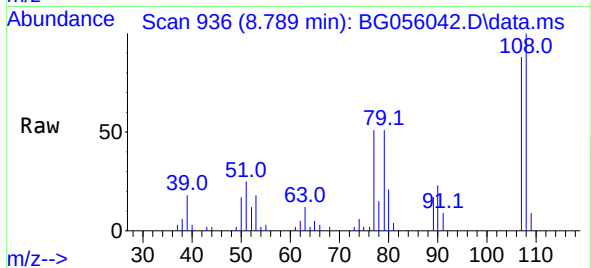
#17
2-Methylphenol
Concen: 41.713 ng
RT: 8.789 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

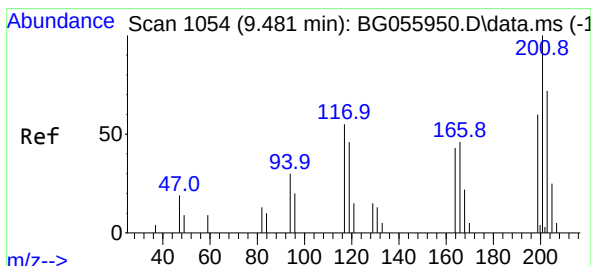
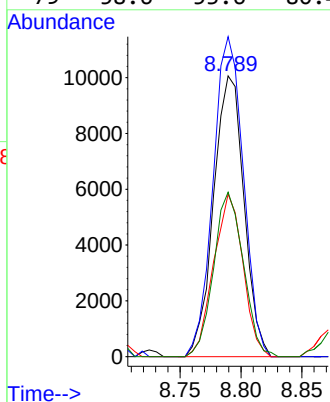


Tgt Ion:107 Resp: 17469
Ion Ratio Lower Upper
107 100
108 114.0 89.8 134.8
77 57.9 50.2 75.2
79 58.6 53.6 80.4

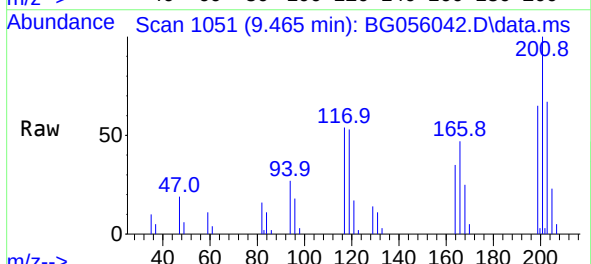
Manual Integrations

APPROVED

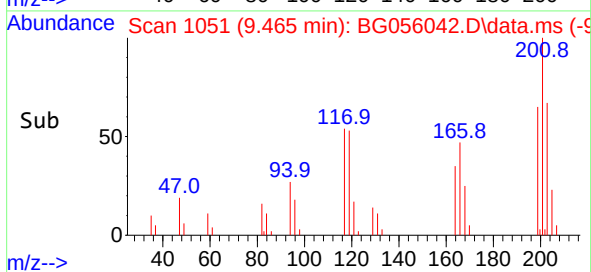
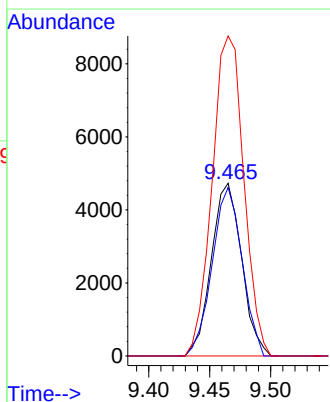
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

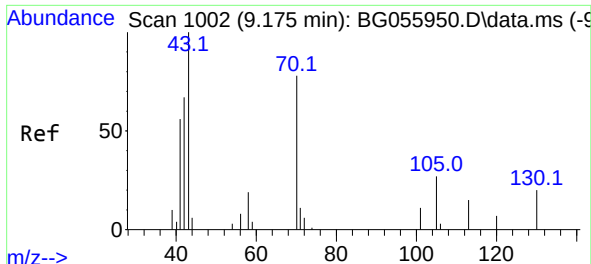


#18
Hexachloroethane
Concen: 41.778 ng
RT: 9.465 min Scan# 1051
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



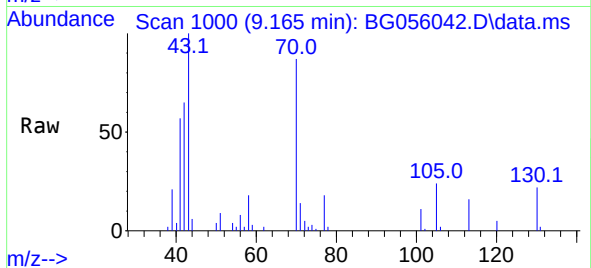
Tgt Ion:117 Resp: 8179
Ion Ratio Lower Upper
117 100
119 97.6 66.8 100.2
201 185.4 144.6 217.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.411 ng
RT: 9.165 min Scan# 1000
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

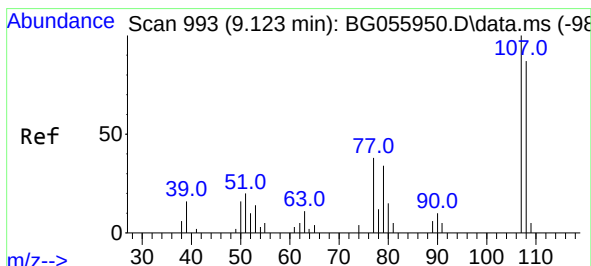
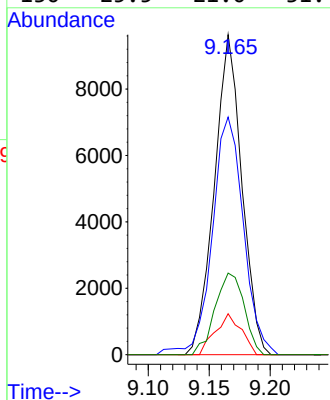
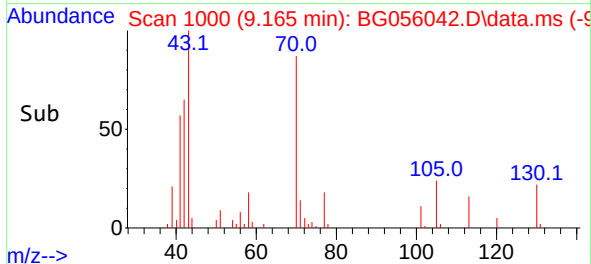
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



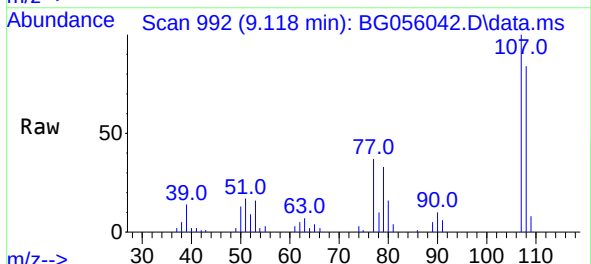
Tgt Ion: 70 Resp: 1513
Ion Ratio Lower Upper
70 100
42 74.2 69.0 103.4
101 12.8 11.8 17.8
130 25.5 21.0 31.4

Manual Integrations
APPROVED

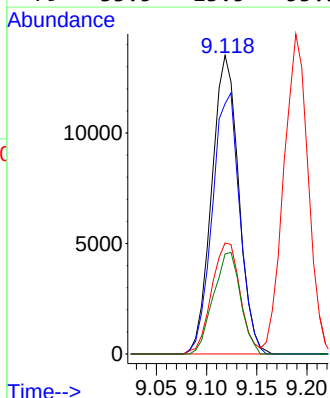
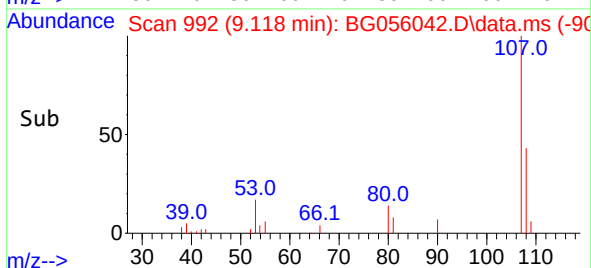
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

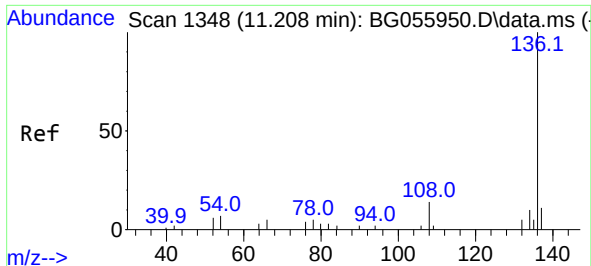


#20
3+4-Methylphenols
Concen: 42.158 ng
RT: 9.118 min Scan# 992
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:107 Resp: 25195
Ion Ratio Lower Upper
107 100
108 83.8 67.0 107.0
77 37.2 18.3 58.3
79 33.5 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 11198
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

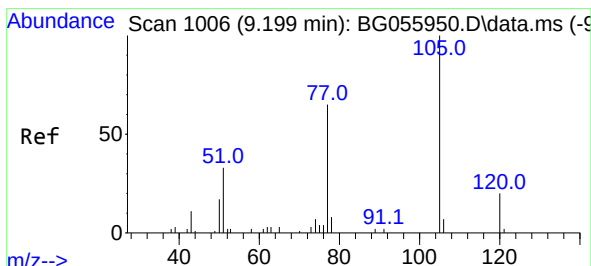
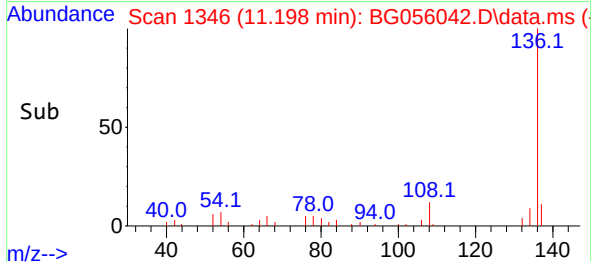
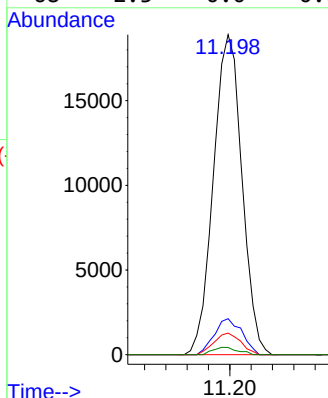
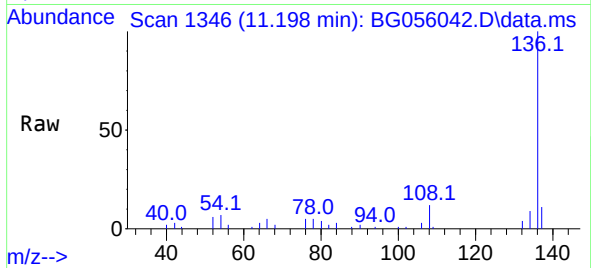
SSTDCCC040

Tgt Ion:136 Resp: 35035
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.7 5.6 8.4
68 2.3 0.0 0.0#

Manual Integrations

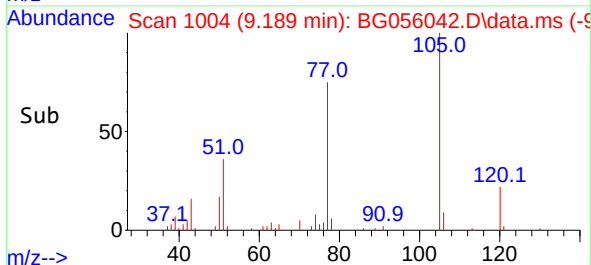
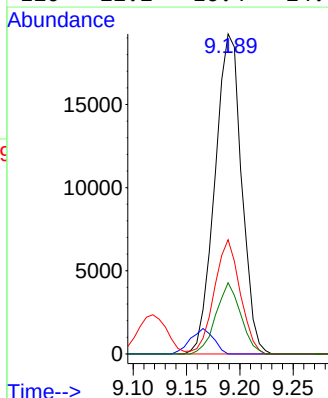
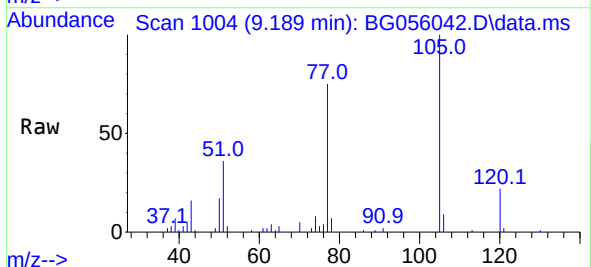
APPROVED

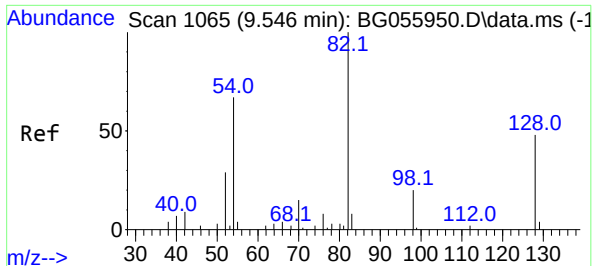
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#22
Acetophenone
Concen: 38.611 ng
RT: 9.189 min Scan# 1004
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:105 Resp: 33534
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 35.7 26.7 40.1
120 22.2 16.4 24.6





#23

Nitrobenzene-d5

Concen: 93.185 ng

RT: 9.536 min Scan# 1065

Delta R.T. -0.004 min

Lab File: BG056042.D

Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

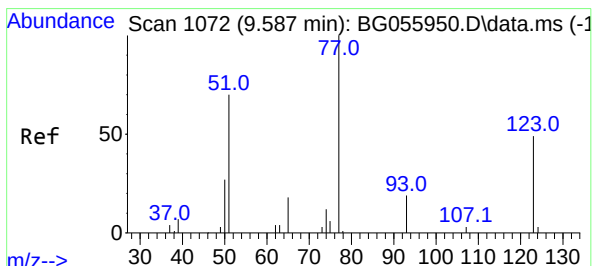
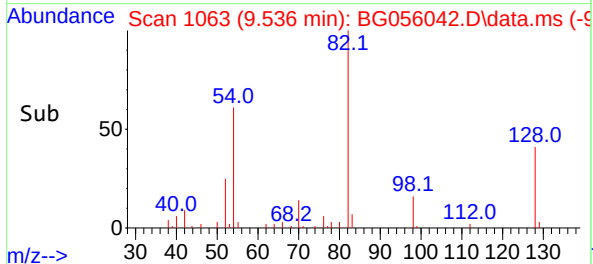
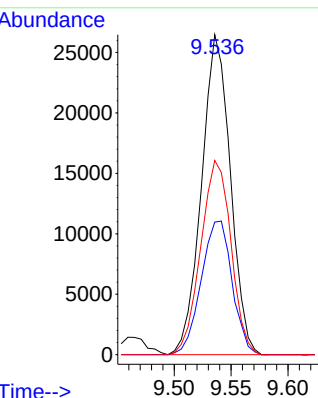
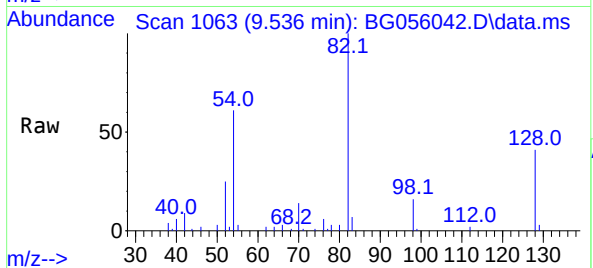
Tgt Ion: 82 Resp: 46718

Ion	Ratio	Lower	Upper
82	100		
128	41.4	38.4	57.6
54	60.7	53.3	79.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#24

Nitrobenzene

Concen: 46.600 ng

RT: 9.583 min Scan# 1071

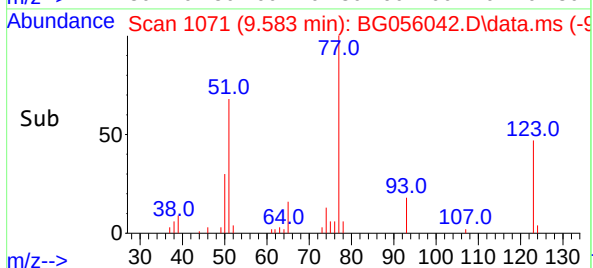
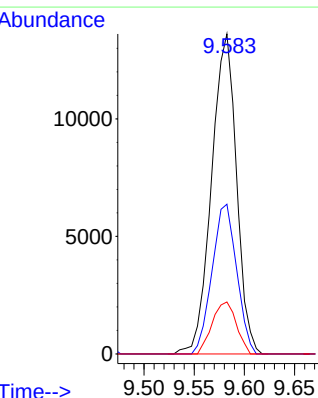
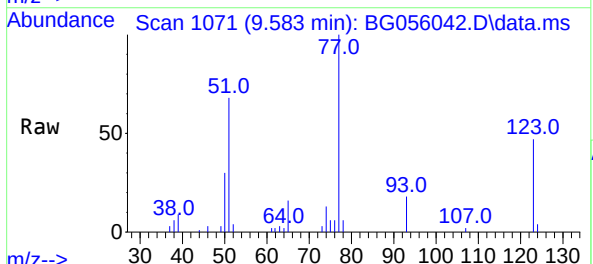
Delta R.T. 0.002 min

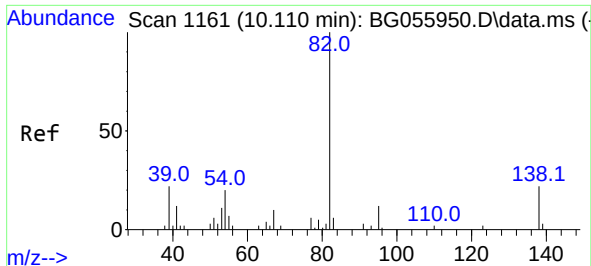
Lab File: BG056042.D

Acq: 21 Dec 2022 10:16

Tgt Ion: 77 Resp: 23516

Ion	Ratio	Lower	Upper
77	100		
123	46.8	38.9	58.3
65	16.3	14.7	22.1





#25
Isophorone
Concen: 40.429 ng
RT: 10.100 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

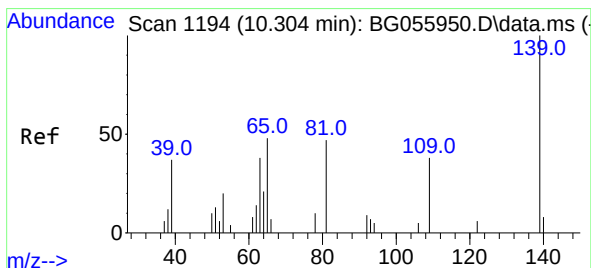
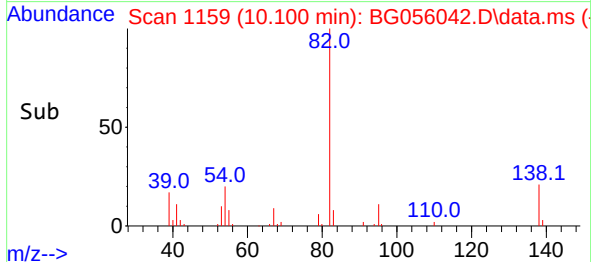
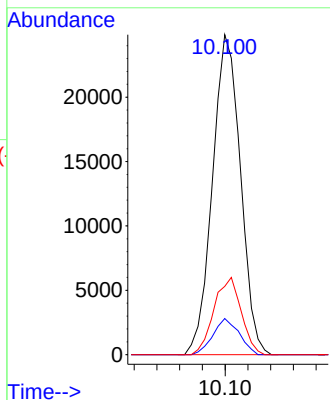
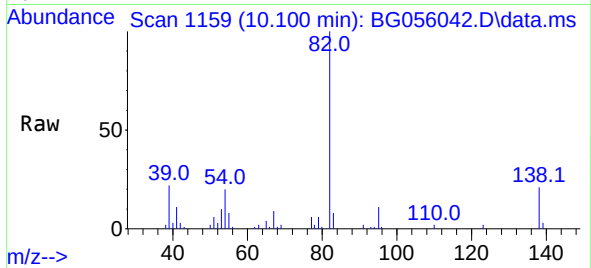
SSTDCCC040

Tgt Ion: 82 Resp: 42502
Ion Ratio Lower Upper
82 100
95 11.3 9.4 14.0
138 21.3 17.7 26.5

Manual Integrations

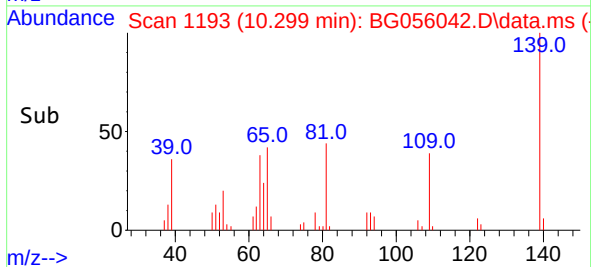
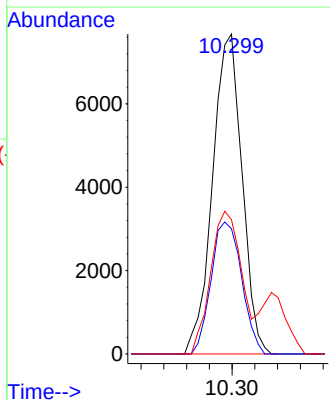
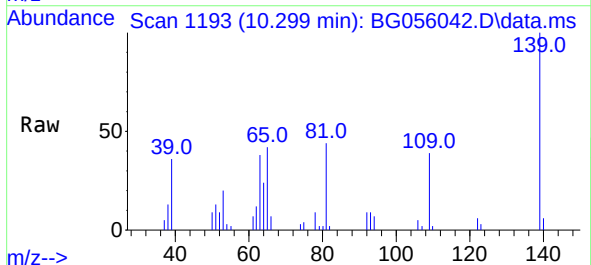
APPROVED

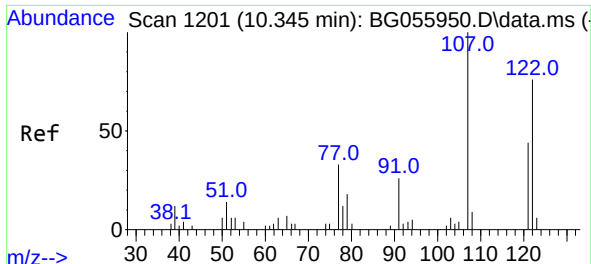
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#26
2-Nitrophenol
Concen: 46.165 ng
RT: 10.299 min Scan# 1193
Delta R.T. 0.007 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:139 Resp: 13791
Ion Ratio Lower Upper
139 100
109 39.1 30.7 46.1
65 41.9 38.8 58.2





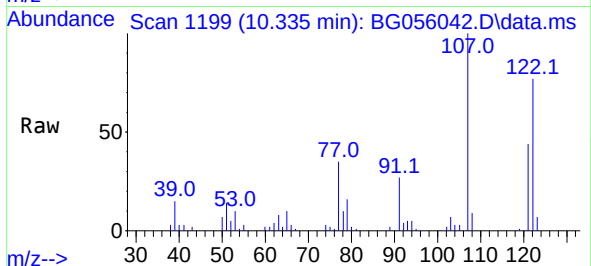
#27
2,4-Dimethylphenol
Concen: 37.733 ng m
RT: 10.335 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

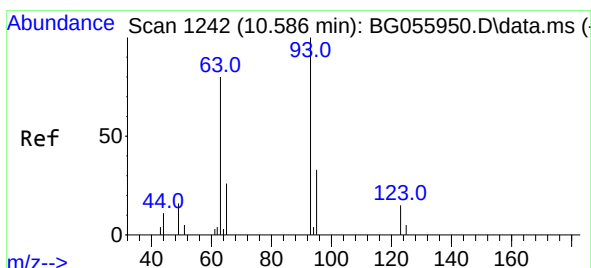
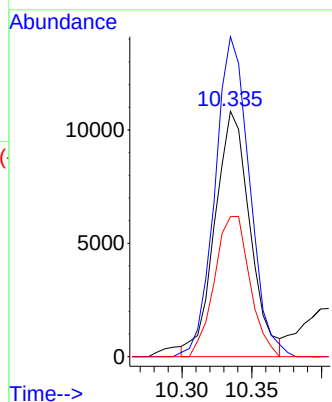
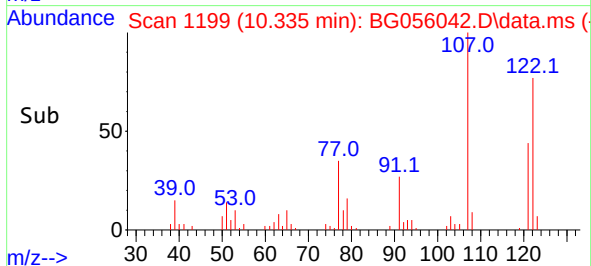


Tgt Ion:122 Resp: 1893
Ion Ratio Lower Upper
122 100
107 130.3 105.9 158.9
121 57.0 46.1 69.1

Manual Integrations

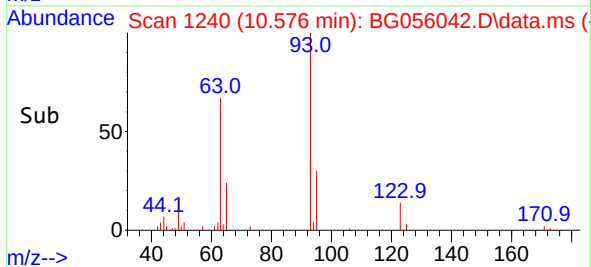
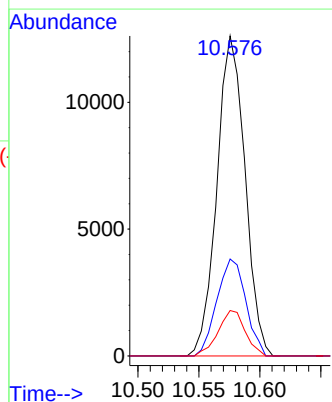
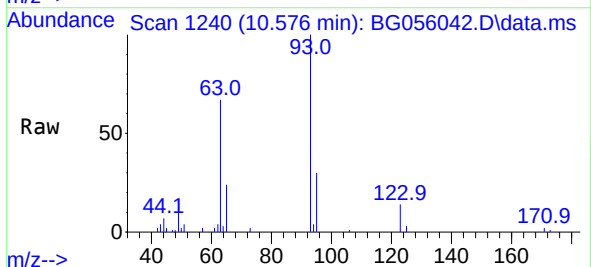
APPROVED

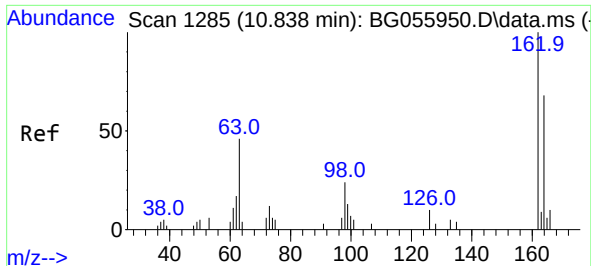
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.515 ng
RT: 10.576 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion: 93 Resp: 20218
Ion Ratio Lower Upper
93 100
95 30.3 26.3 39.5
123 14.2 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 40.380 ng
RT: 10.828 min Scan# 1283
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

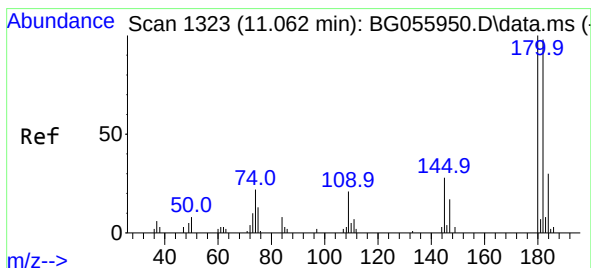
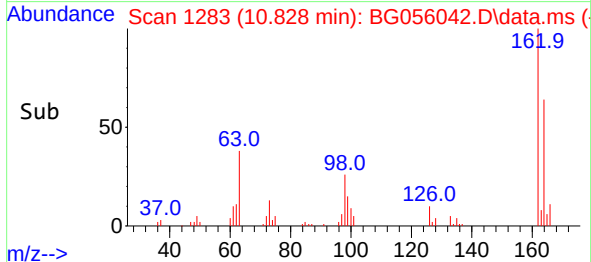
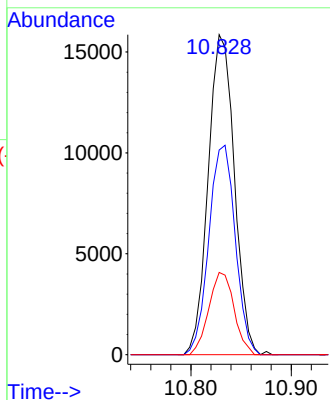
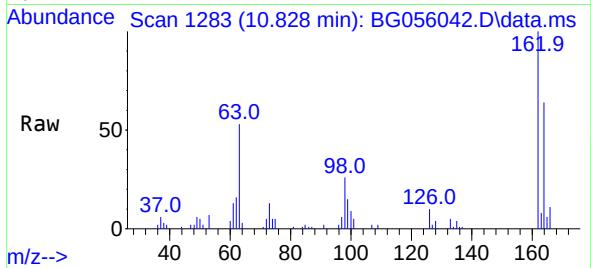
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 28754
Ion Ratio Lower Upper
162 100
164 63.9 47.5 87.5
98 25.7 4.3 44.3

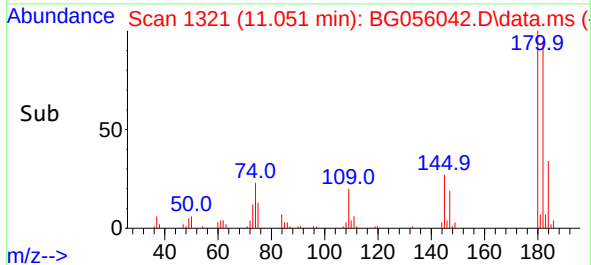
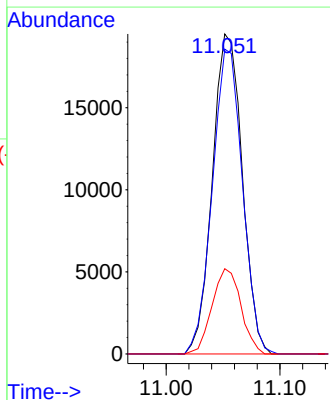
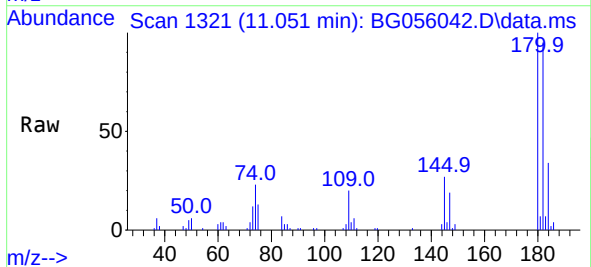
Manual Integrations
APPROVED

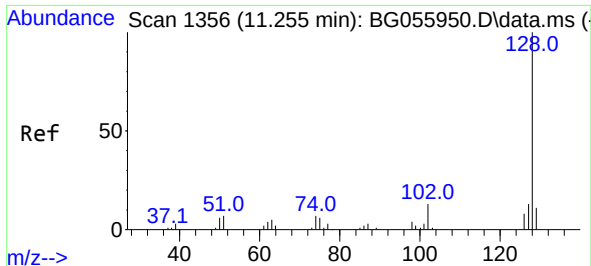
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#30
1,2,4-Trichlorobenzene
Concen: 38.410 ng
RT: 11.051 min Scan# 1321
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:180 Resp: 35555
Ion Ratio Lower Upper
180 100
182 95.2 78.1 117.1
145 26.6 22.4 33.6





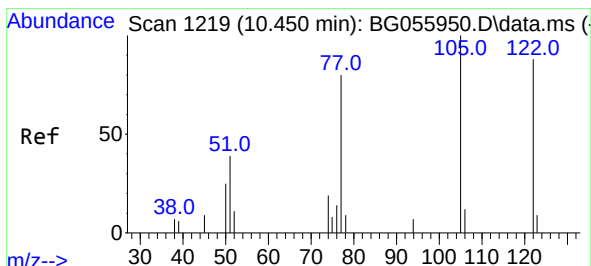
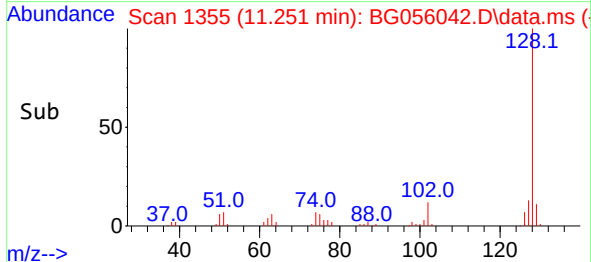
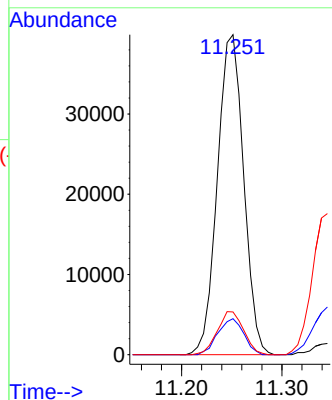
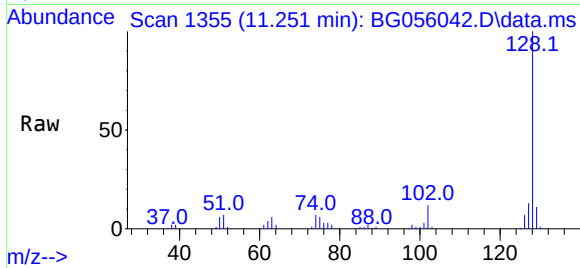
#31
Naphthalene
Concen: 39.168 ng
RT: 11.251 min Scan# 1120
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 72400
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.3 15.5

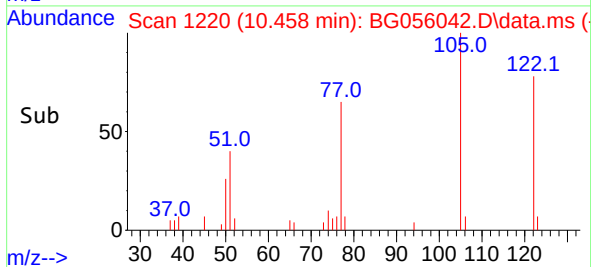
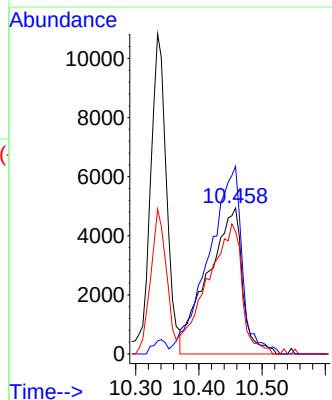
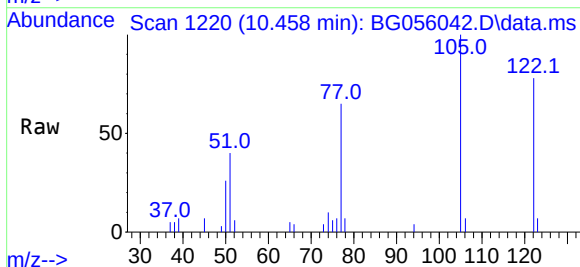
Manual Integrations
APPROVED

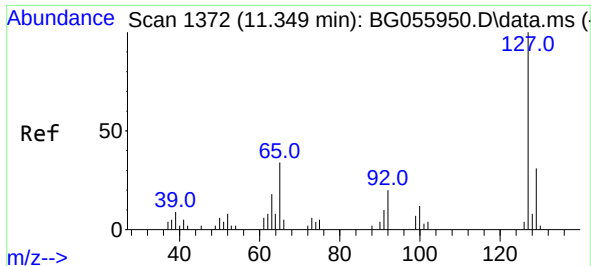
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#32
Benzoic acid
Concen: 43.979 ng
RT: 10.458 min Scan# 1220
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:122 Resp: 18689
Ion Ratio Lower Upper
122 100
105 128.7 90.6 130.6
77 83.9 61.0 101.0





#33
4-Chloroaniline
Concen: 40.411 ng
RT: 11.345 min Scan# 1134
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

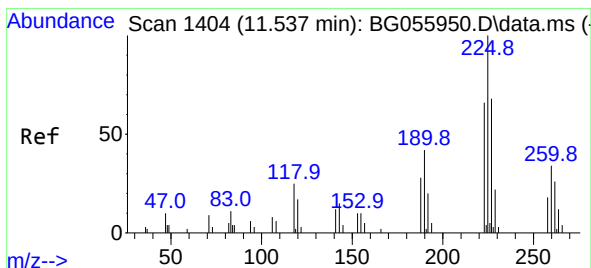
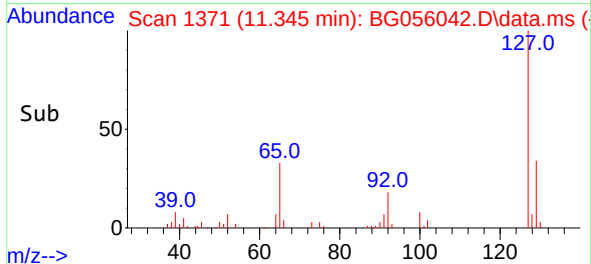
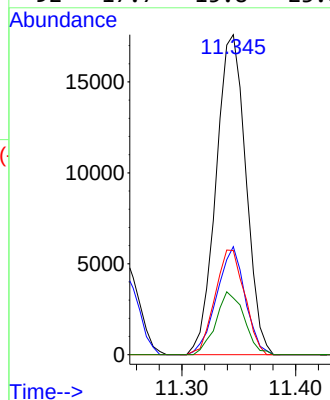
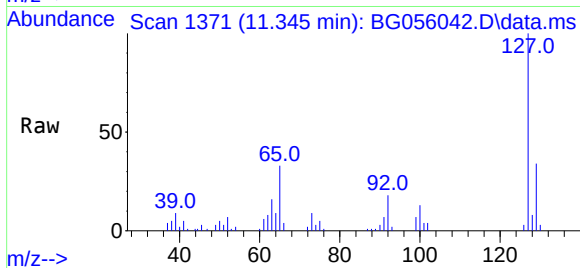
Tgt Ion:127 Resp: 3202

Ion	Ratio	Lower	Upper
127	100		
129	33.8	24.5	36.7
65	32.6	27.1	40.7
92	17.7	15.8	23.8

Manual Integrations

APPROVED

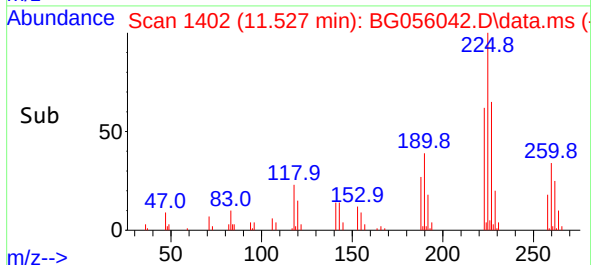
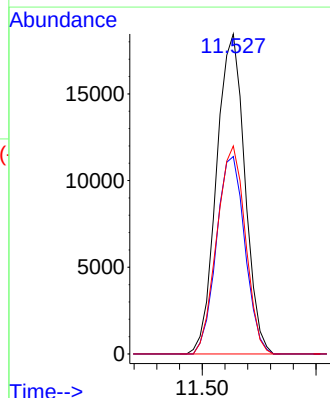
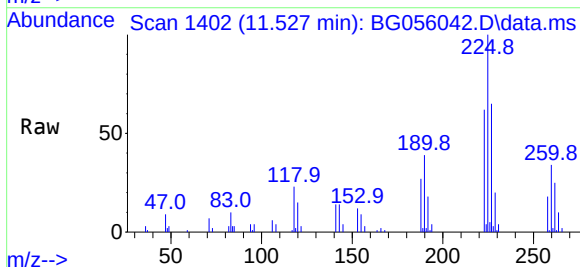
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

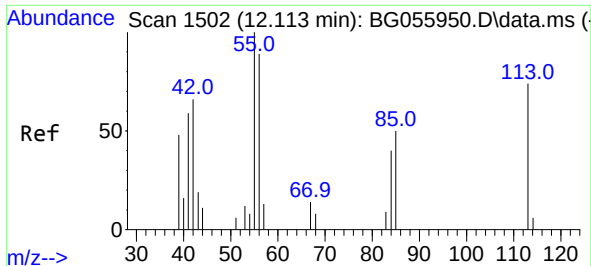


#34
Hexachlorobutadiene
Concen: 36.623 ng
RT: 11.527 min Scan# 1402
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:225 Resp: 31871

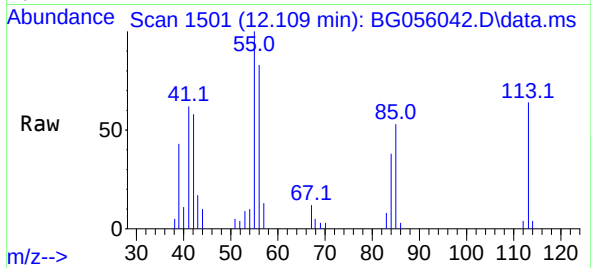
Ion	Ratio	Lower	Upper
225	100		
223	61.7	53.2	79.8
227	65.0	54.7	82.1





#35
Caprolactam
Concen: 40.423 ng
RT: 12.109 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

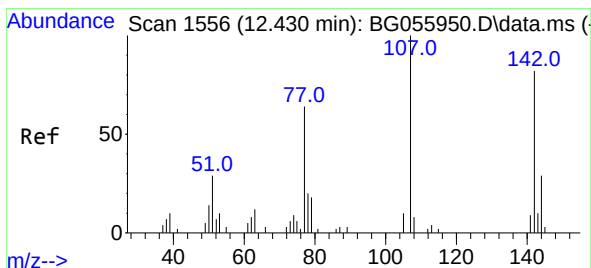
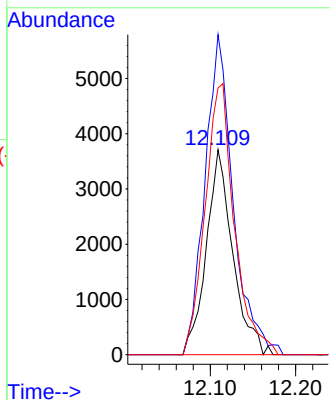
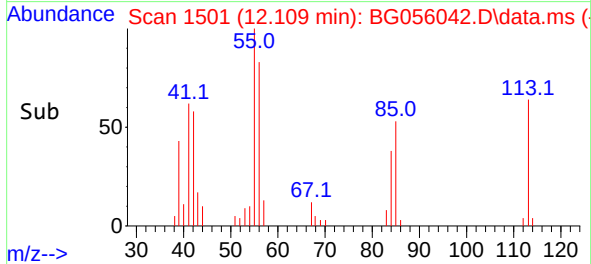
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



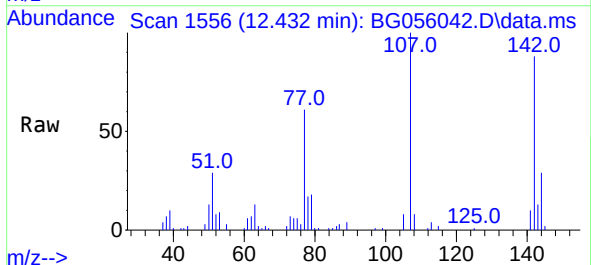
Tgt Ion:113 Resp: 8020
Ion Ratio Lower Upper
113 100
55 156.1 114.8 154.8
56 130.1 99.8 139.8

Manual Integrations
APPROVED

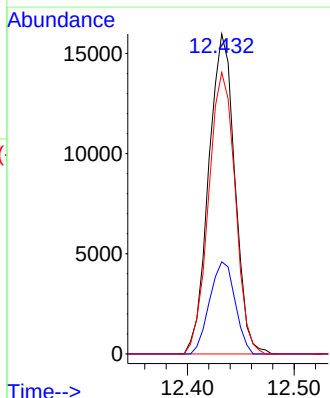
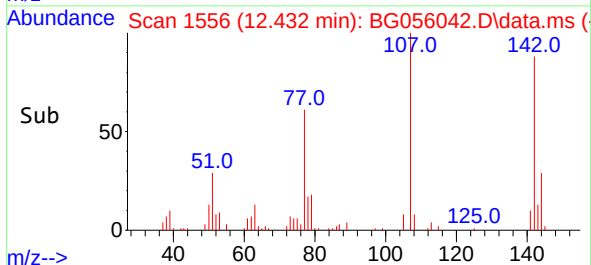
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

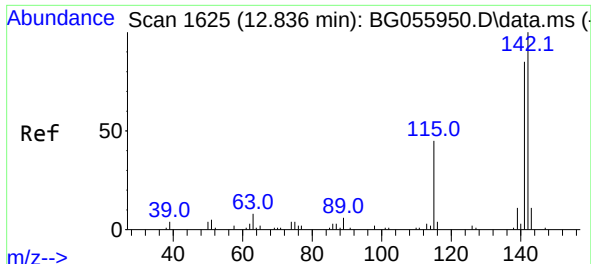


#36
4-Chloro-3-methylphenol
Concen: 40.685 ng
RT: 12.432 min Scan# 1556
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:107 Resp: 27166
Ion Ratio Lower Upper
107 100
144 28.8 23.3 34.9
142 88.0 65.6 98.4





#37
2-Methylnaphthalene
Concen: 38.829 ng
RT: 12.826 min Scan# 1623
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

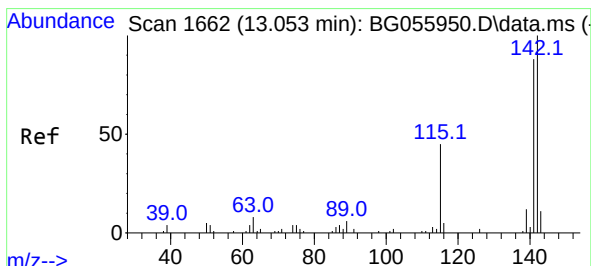
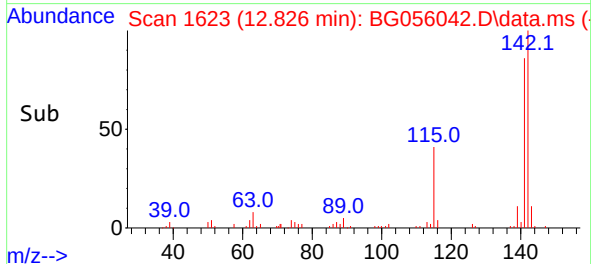
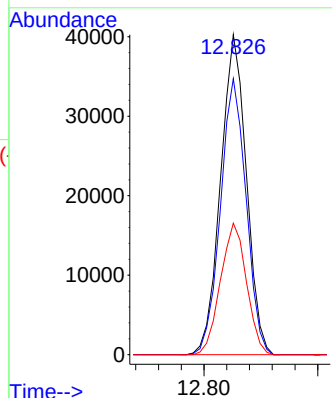
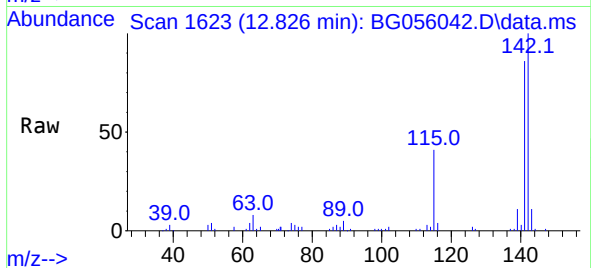
SSTDCCC040

Tgt Ion:142 Resp: 6341
Ion Ratio Lower Upper
142 100
141 86.2 67.8 101.6
115 41.1 35.7 53.5

Manual Integrations

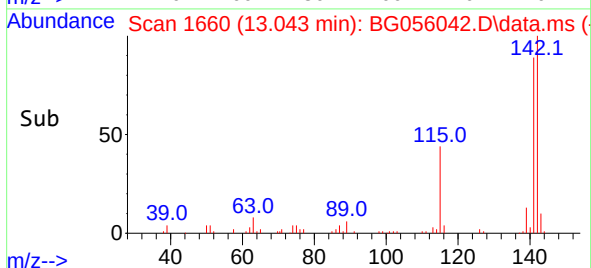
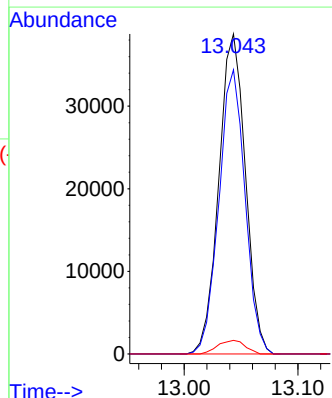
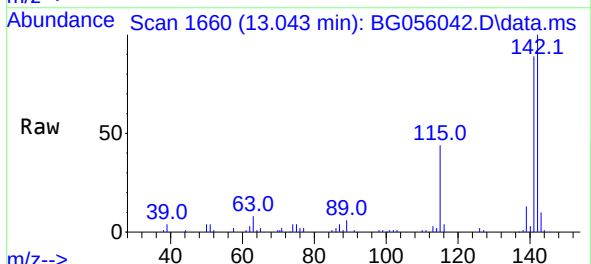
APPROVED

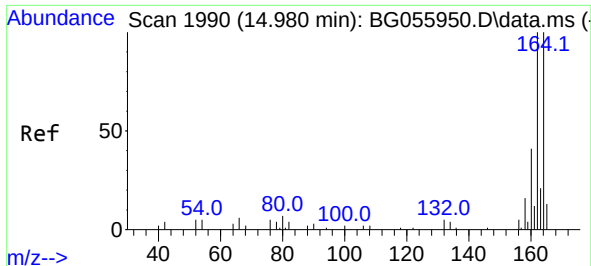
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#38
1-Methylnaphthalene
Concen: 39.500 ng
RT: 13.043 min Scan# 1660
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:142 Resp: 62847
Ion Ratio Lower Upper
142 100
141 88.8 70.2 105.2
116 4.3 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1990
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

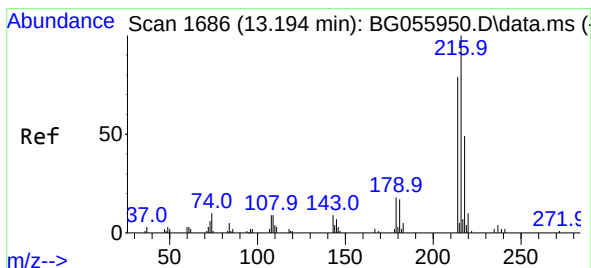
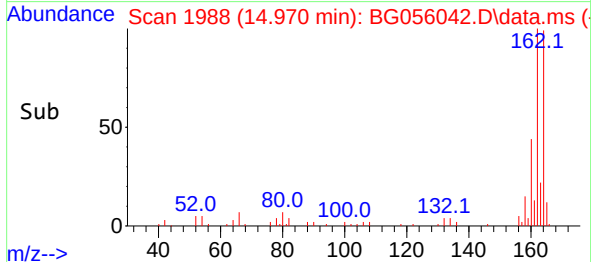
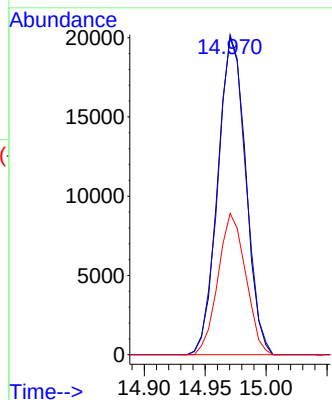
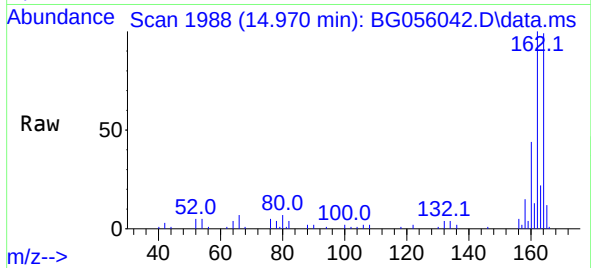
SSTDCCC040

Tgt Ion:164 Resp: 3198
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 44.5 33.0 49.4

Manual Integrations

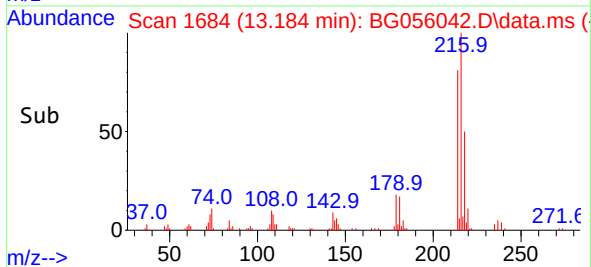
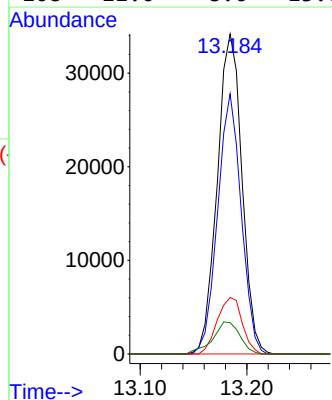
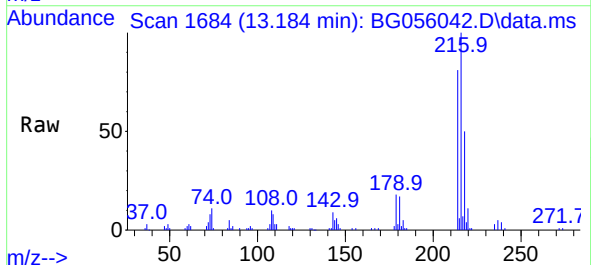
APPROVED

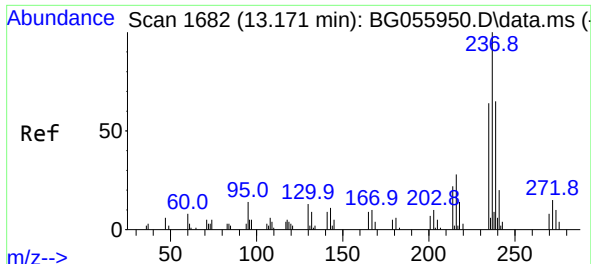
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.660 ng
RT: 13.184 min Scan# 1684
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:216 Resp: 54867
Ion Ratio Lower Upper
216 100
214 77.5 61.5 92.3
179 17.8 14.6 21.8
108 11.0 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 41.807 ng
RT: 13.161 min Scan# 1680
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

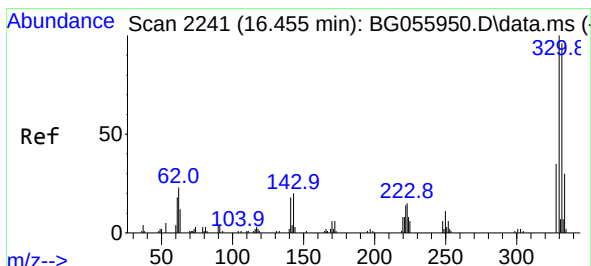
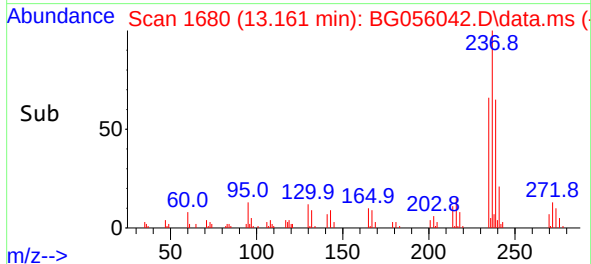
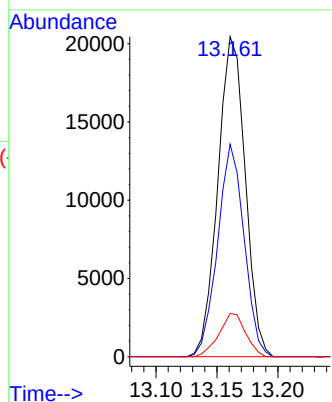
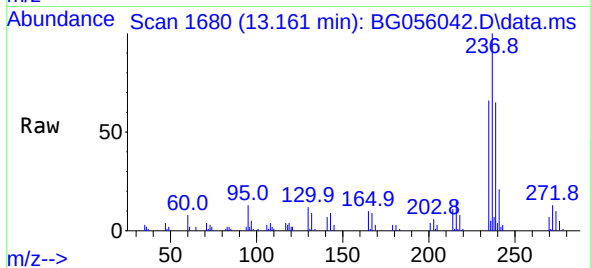
SSTDCCC040

Tgt Ion:237 Resp: 3200
Ion Ratio Lower Upper
237 100
235 66.4 43.7 83.7
272 13.5 0.0 35.1

Manual Integrations

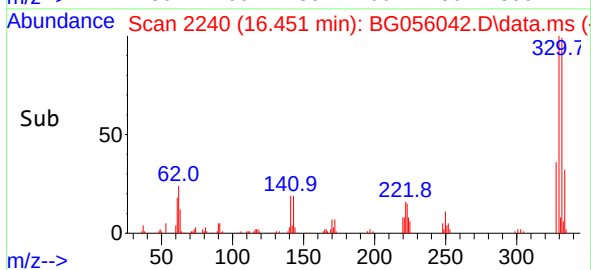
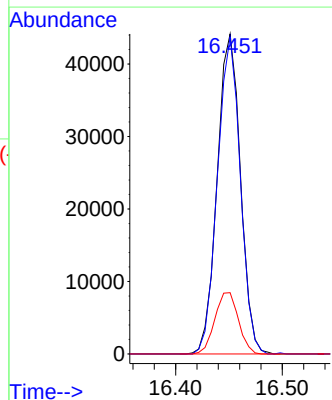
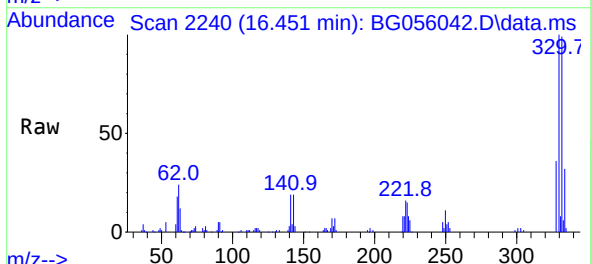
APPROVED

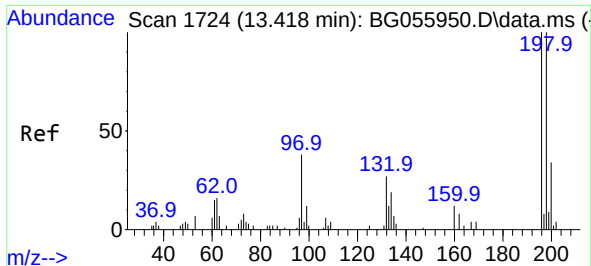
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#42
2,4,6-Tribromophenol
Concen: 86.562 ng
RT: 16.451 min Scan# 2240
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:330 Resp: 66757
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 19.4 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 44.899 ng
RT: 13.413 min Scan# 1724
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

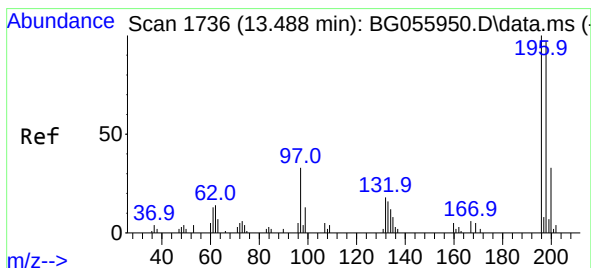
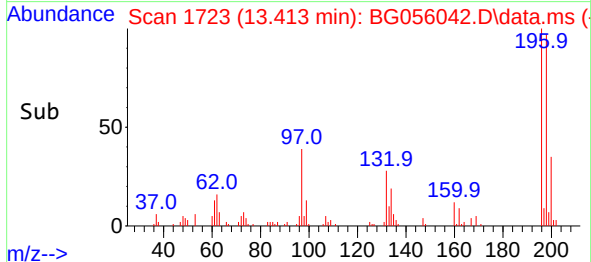
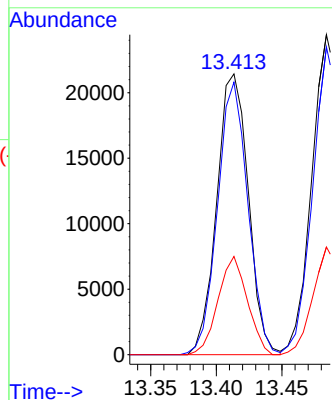
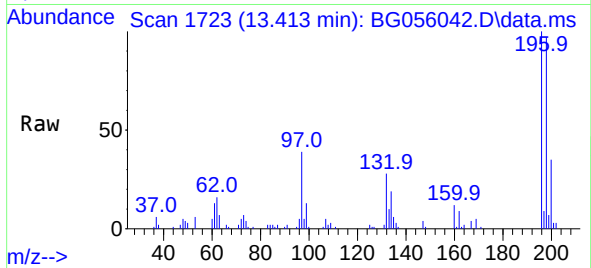
SSTDCCC040

Tgt Ion:196 Resp: 3586
Ion Ratio Lower Upper
196 100
198 97.0 80.2 120.4
200 35.0 27.6 41.4

Manual Integrations

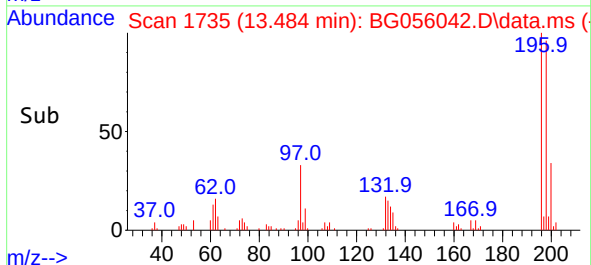
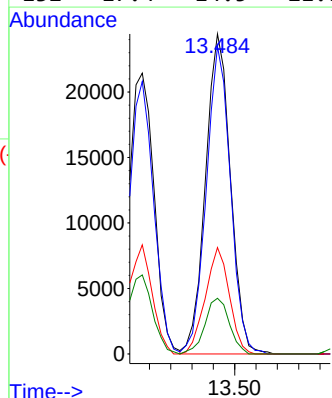
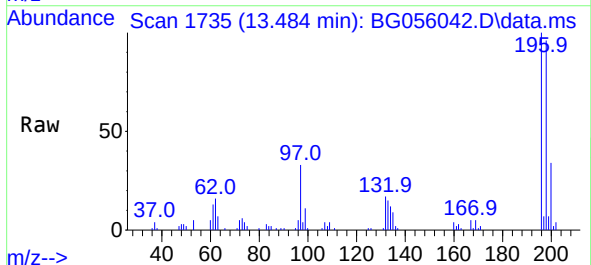
APPROVED

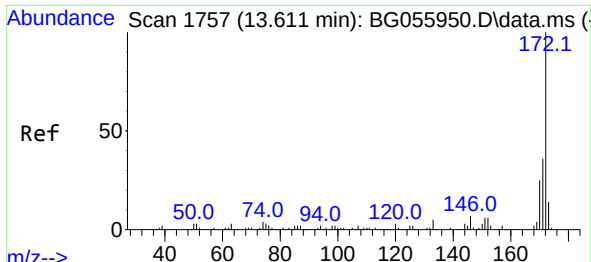
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#44
2,4,5-Trichlorophenol
Concen: 44.079 ng
RT: 13.484 min Scan# 1735
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:196 Resp: 39691
Ion Ratio Lower Upper
196 100
198 96.1 78.0 117.0
97 33.3 26.0 39.0
132 17.4 14.5 21.7





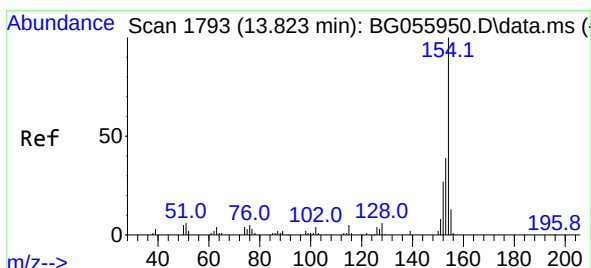
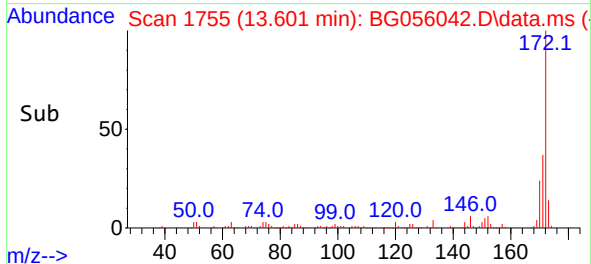
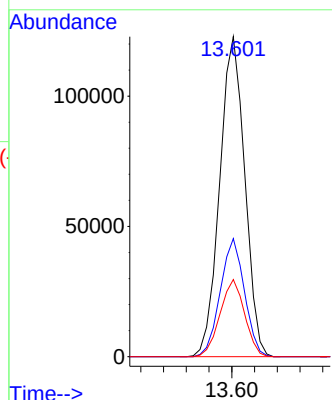
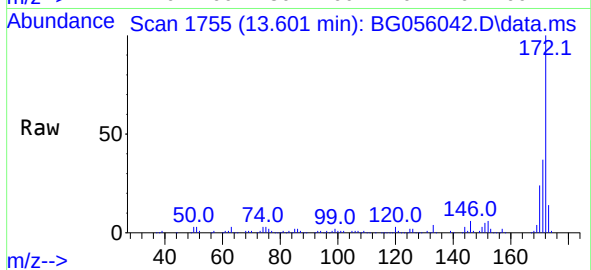
#45
2-Fluorobiphenyl
Concen: 82.402 ng
RT: 13.601 min Scan# 1755
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 18791
Ion Ratio Lower Upper
172 100
171 36.9 28.6 42.8
170 24.1 19.9 29.9

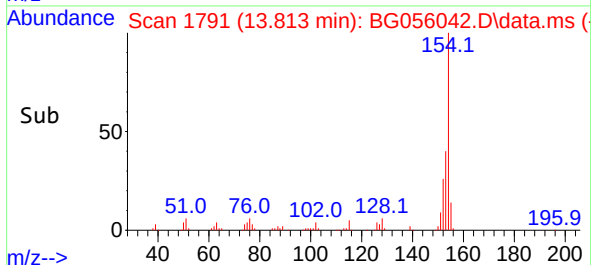
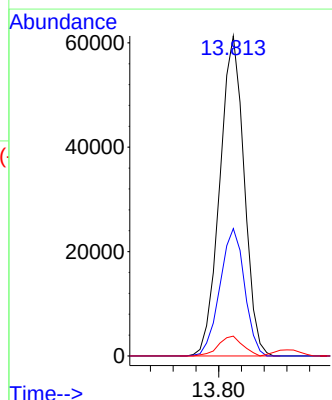
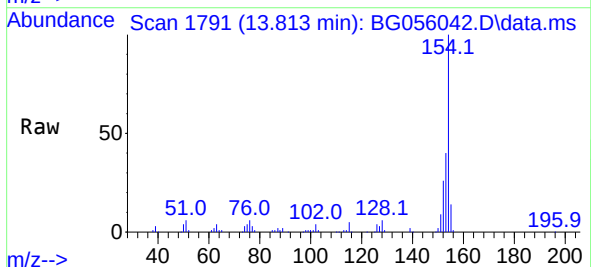
Manual Integrations
APPROVED

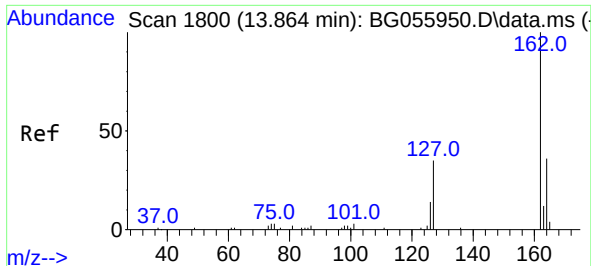
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#46
1,1'-Biphenyl
Concen: 42.091 ng
RT: 13.813 min Scan# 1791
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:154 Resp: 91249
Ion Ratio Lower Upper
154 100
153 39.8 19.5 59.5
76 6.2 0.0 25.5





#47
2-Chloronaphthalene
Concen: 41.597 ng
RT: 13.860 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

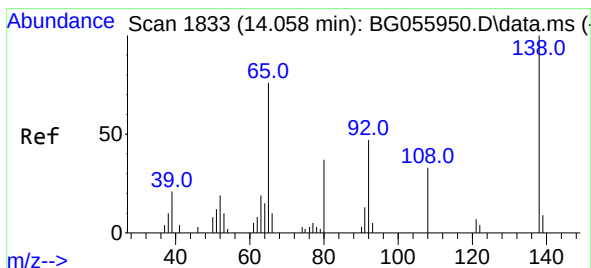
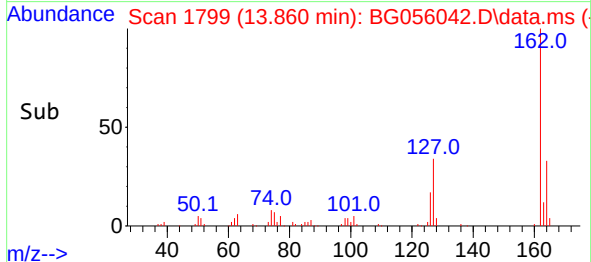
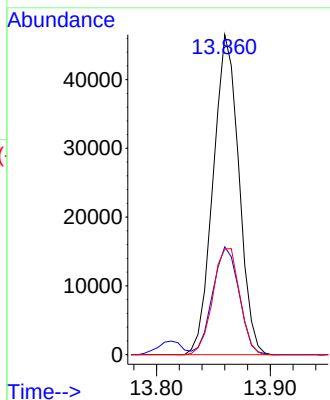
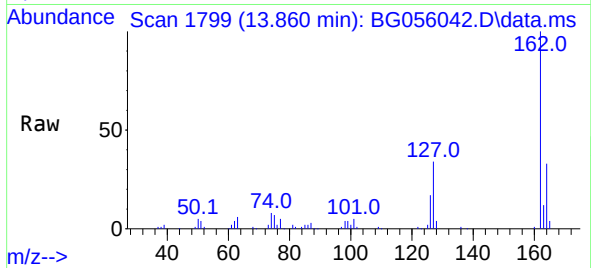
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 7327
Ion Ratio Lower Upper
162 100
127 33.7 31.0 46.4
164 33.0 28.6 42.8

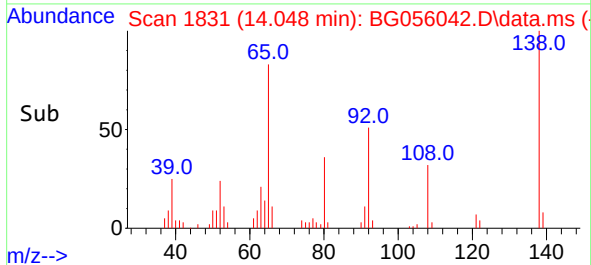
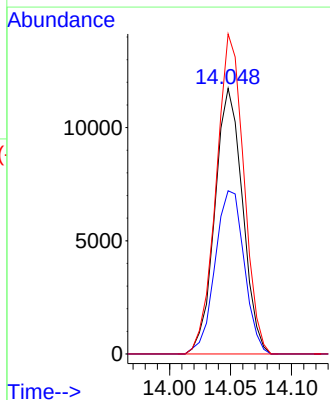
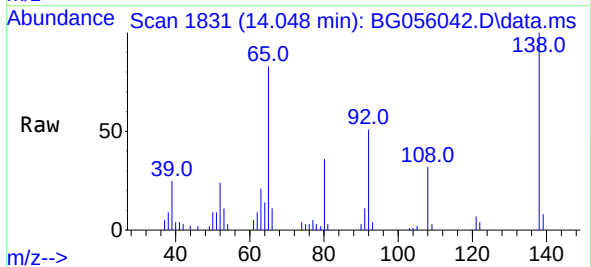
Manual Integrations
APPROVED

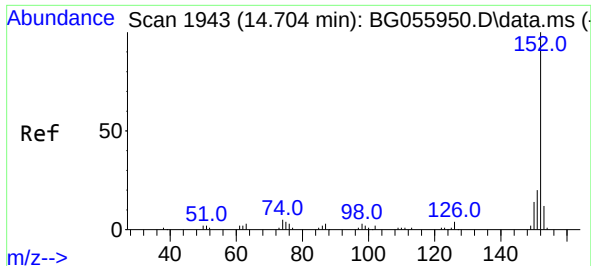
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#48
2-Nitroaniline
Concen: 53.075 ng
RT: 14.048 min Scan# 1831
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion: 65 Resp: 18540
Ion Ratio Lower Upper
65 100
92 61.5 49.7 74.5
138 120.5 105.0 157.6





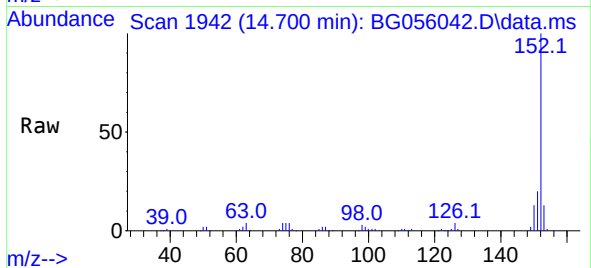
#49
Acenaphthylene
Concen: 42.109 ng
RT: 14.700 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

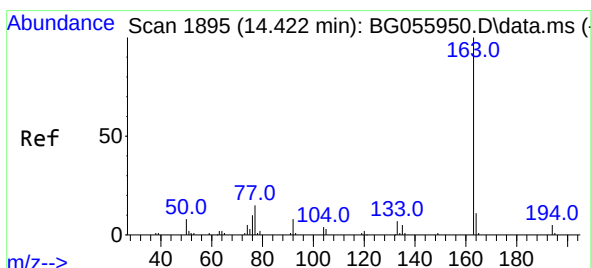
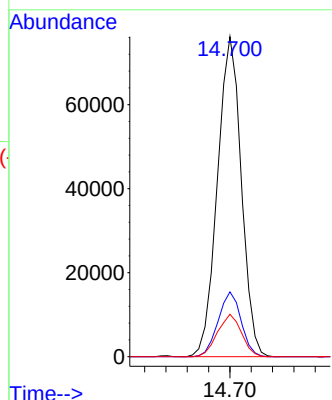


Tgt Ion:152 Resp: 118390
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.2 10.0 15.0

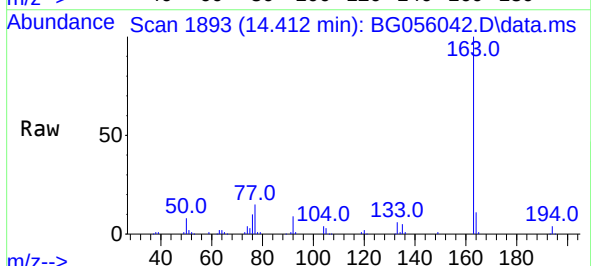
Manual Integrations

APPROVED

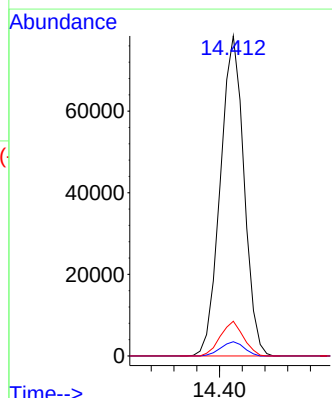
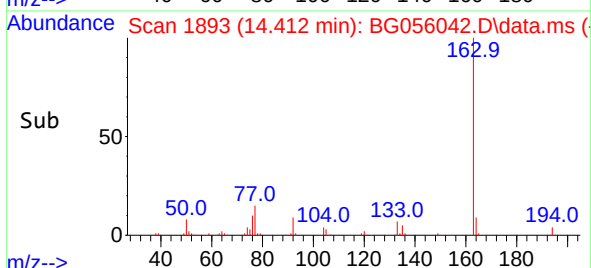
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

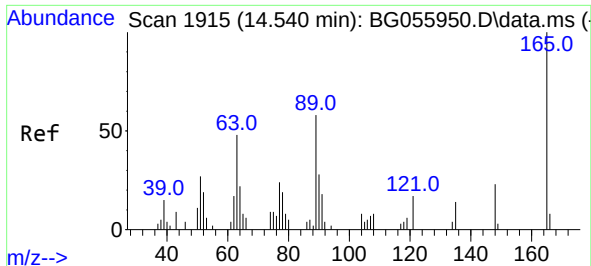


#50
Dimethylphthalate
Concen: 40.996 ng
RT: 14.412 min Scan# 1893
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:163 Resp: 113359
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.9 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 53.228 ng
RT: 14.536 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

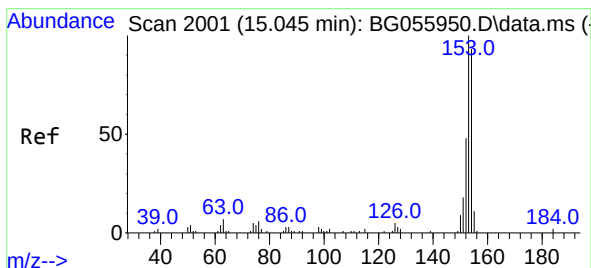
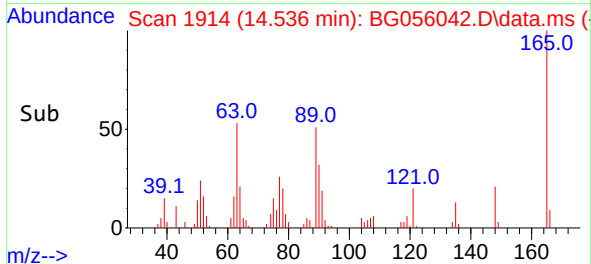
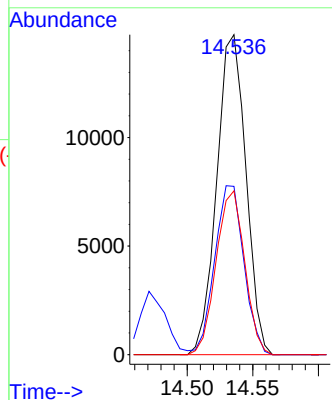
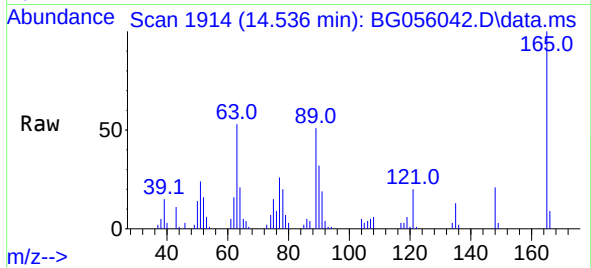
SSTDCCC040

Tgt Ion:165 Resp: 22770
Ion Ratio Lower Upper
165 100
63 52.6 38.3 57.5
89 51.2 46.3 69.5

Manual Integrations

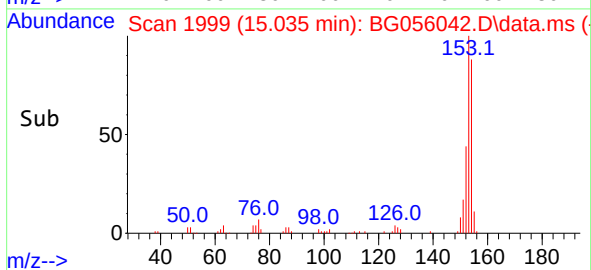
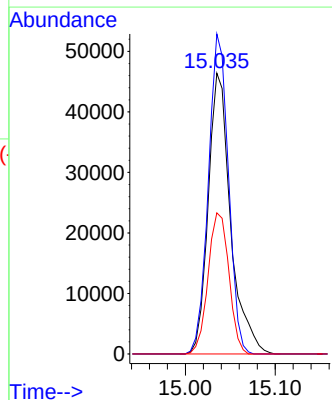
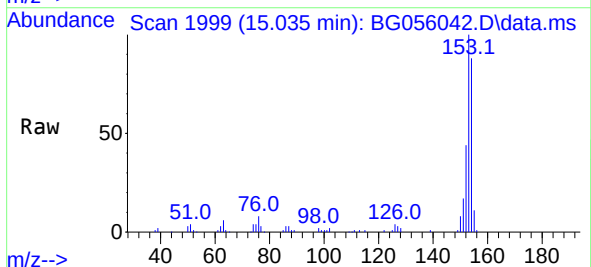
APPROVED

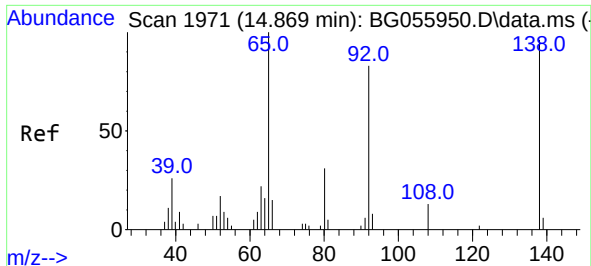
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#52
Acenaphthene
Concen: 42.514 ng
RT: 15.035 min Scan# 1999
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:154 Resp: 80248
Ion Ratio Lower Upper
154 100
153 114.0 86.2 129.2
152 50.3 41.4 62.0





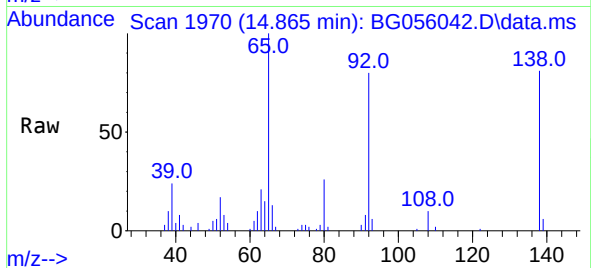
#53
3-Nitroaniline
Concen: 49.115 ng
RT: 14.865 min Scan# 1971
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

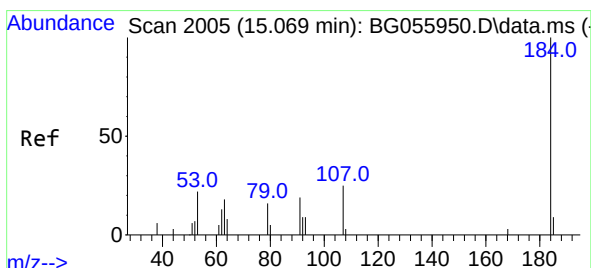
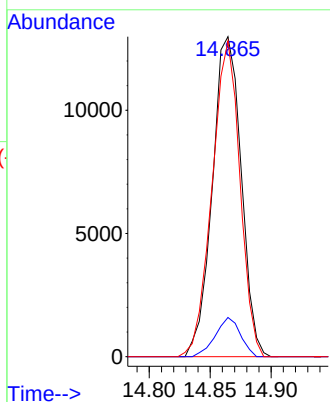
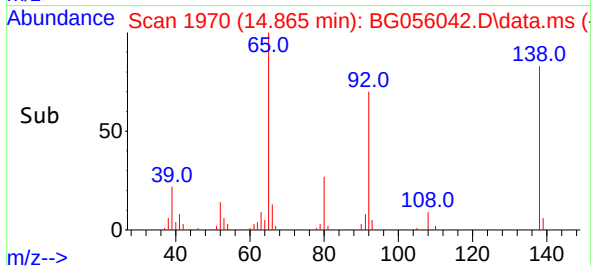


Tgt Ion:138 Resp: 2137
Ion Ratio Lower Upper
138 100
108 12.2 10.9 16.3
92 98.7 69.4 104.0

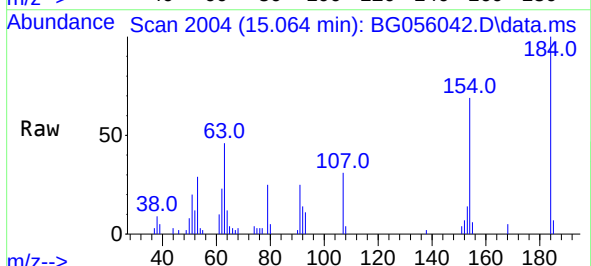
Manual Integrations

APPROVED

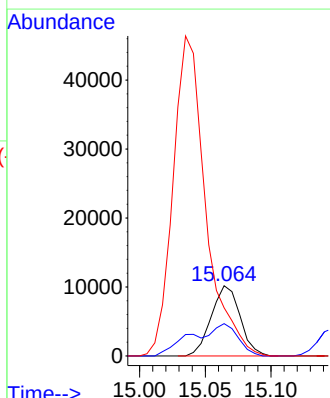
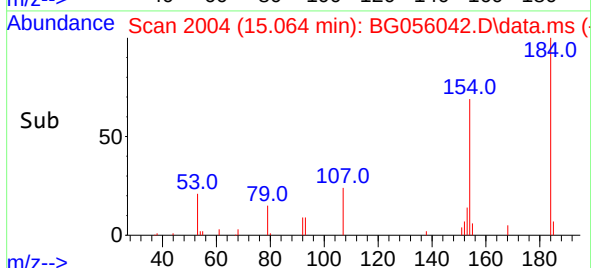
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

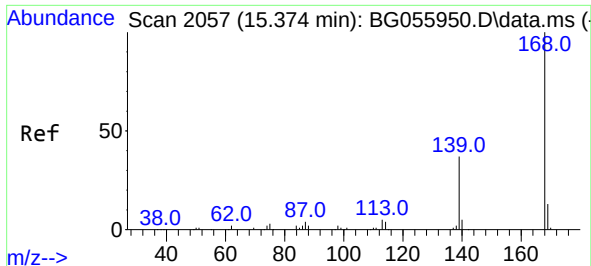


#54
2,4-Dinitrophenol
Concen: 48.861 ng
RT: 15.064 min Scan# 2004
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:184 Resp: 15543
Ion Ratio Lower Upper
184 100
63 46.1 23.0 34.4#
154 68.6 67.0 100.4





#55
Dibenzenofuran
Concen: 41.717 ng
RT: 15.364 min Scan# 2057
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

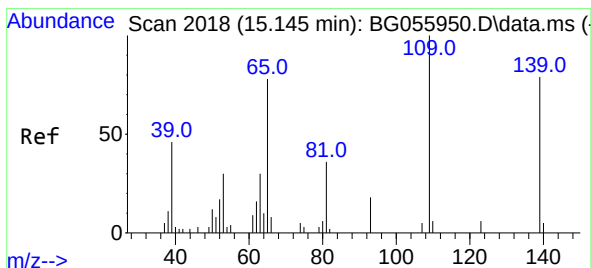
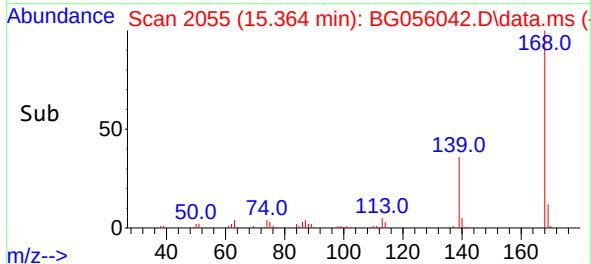
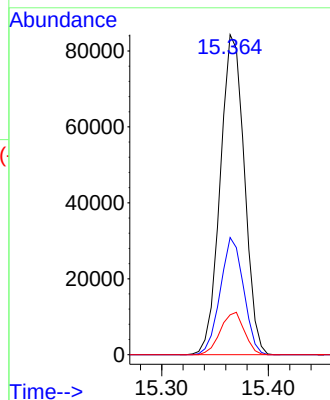
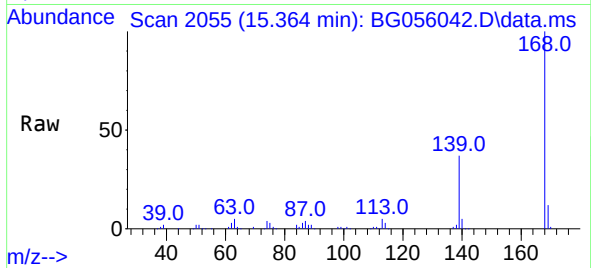
SSTDCCC040

Tgt Ion:168 Resp: 132418
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.8
169 12.5 10.6 16.0

Manual Integrations

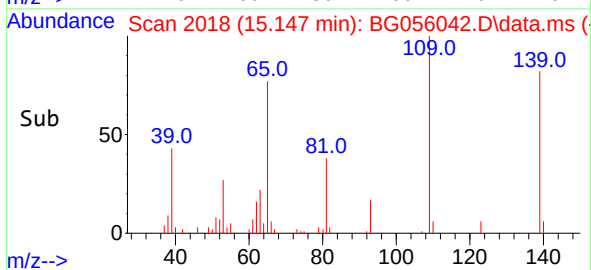
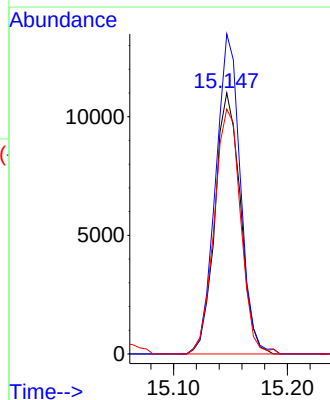
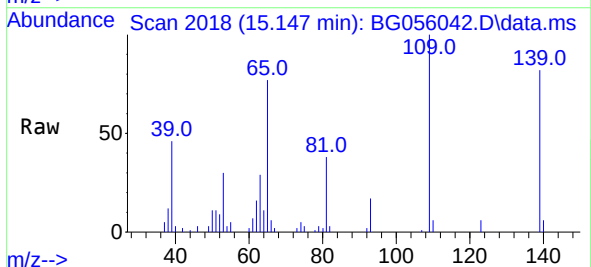
APPROVED

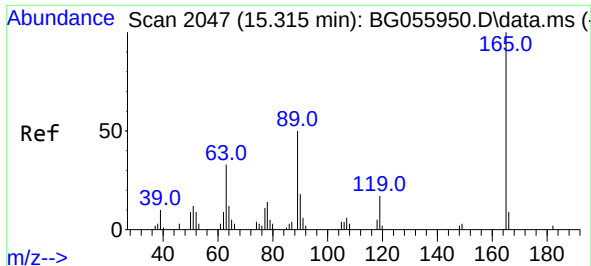
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#56
4-Nitrophenol
Concen: 49.060 ng
RT: 15.147 min Scan# 2018
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:139 Resp: 17111
Ion Ratio Lower Upper
139 100
109 122.6 106.7 146.7
65 93.8 79.2 119.2





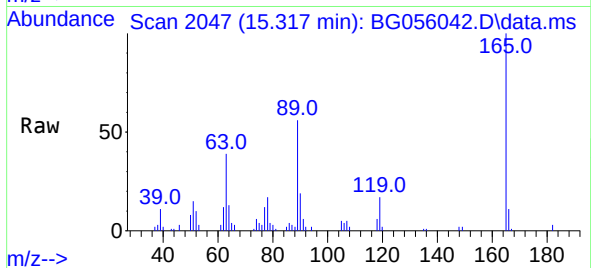
#57
2,4-Dinitrotoluene
Concen: 50.460 ng
RT: 15.317 min Scan# 2047
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

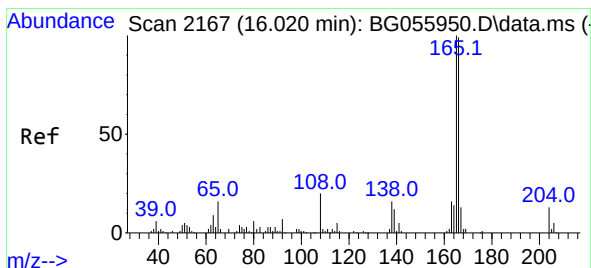
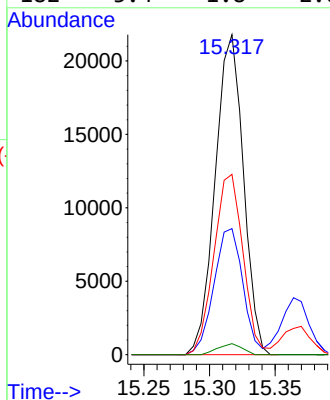
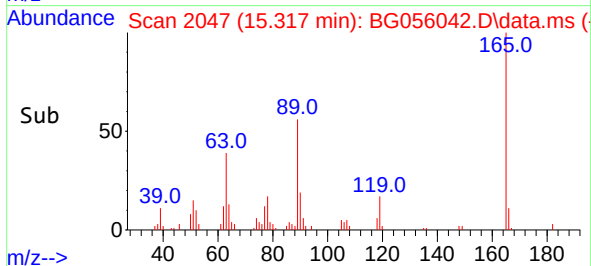


Tgt Ion:165 Resp: 32592
Ion Ratio Lower Upper
165 100
63 39.4 26.6 39.8
89 56.3 40.1 60.1
182 3.4 1.8 2.6#

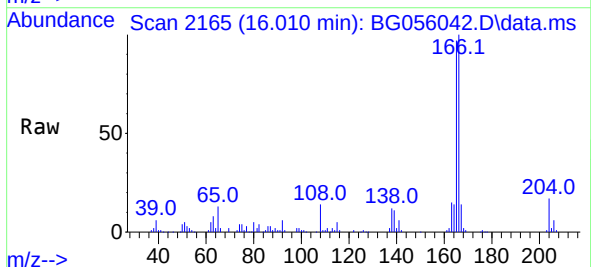
Manual Integrations

APPROVED

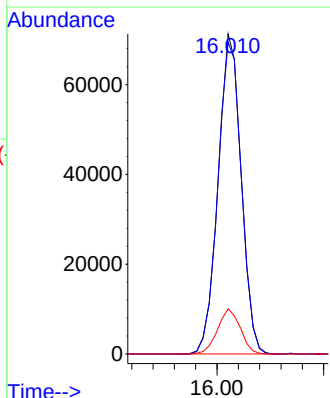
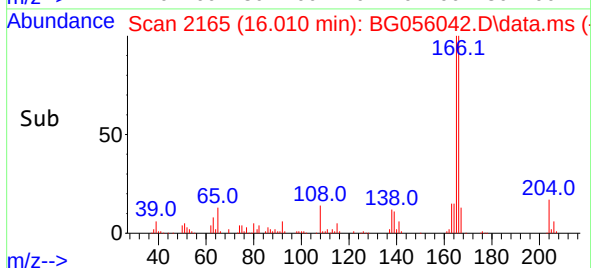
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

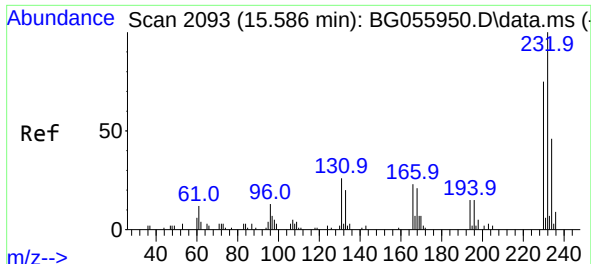


#58
Fluorene
Concen: 41.138 ng
RT: 16.010 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:166 Resp: 106742
Ion Ratio Lower Upper
166 100
165 97.4 81.1 121.7
167 14.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.641 ng
RT: 15.581 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

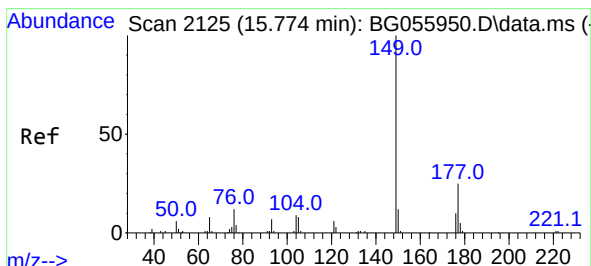
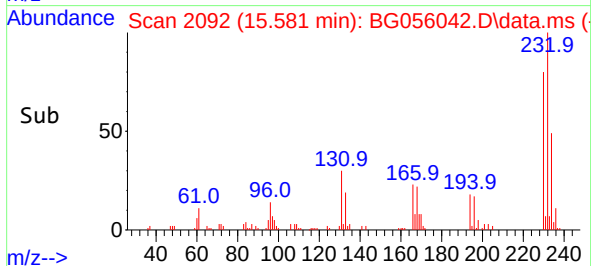
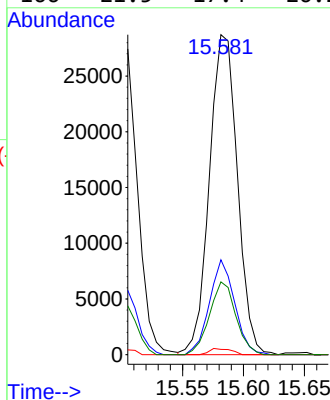
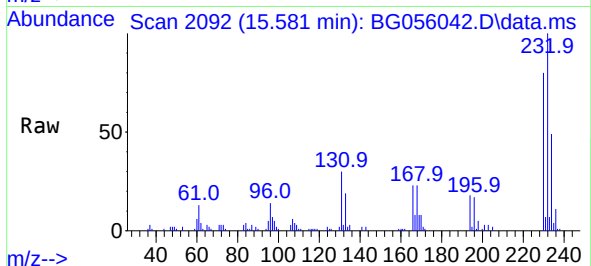
SSTDCCC040

Tgt Ion:232 Resp: 4592
Ion Ratio Lower Upper
232 100
131 26.7 20.7 31.1
130 1.5 1.2 1.8
166 21.5 17.4 26.2

Manual Integrations

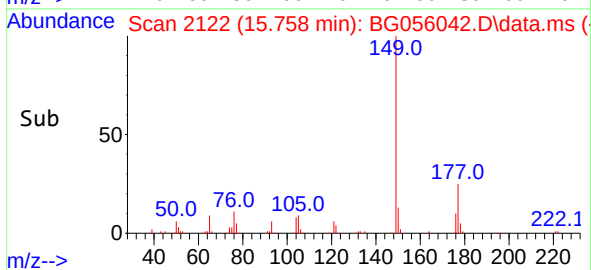
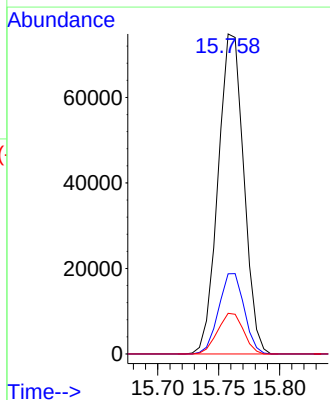
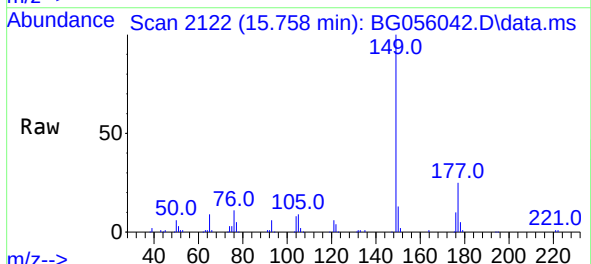
APPROVED

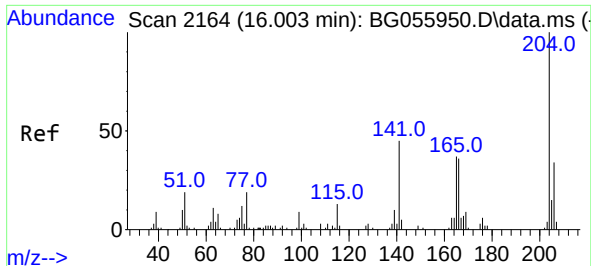
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#60
Diethylphthalate
Concen: 40.674 ng
RT: 15.758 min Scan# 2122
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:149 Resp: 109927
Ion Ratio Lower Upper
149 100
177 25.1 19.7 29.5
150 12.7 9.5 14.3





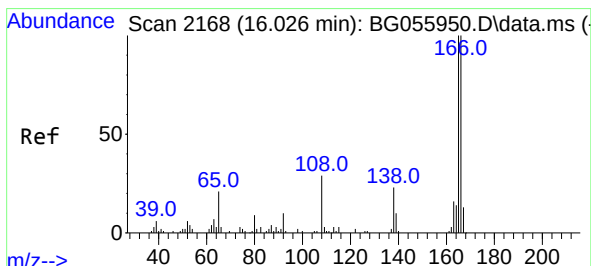
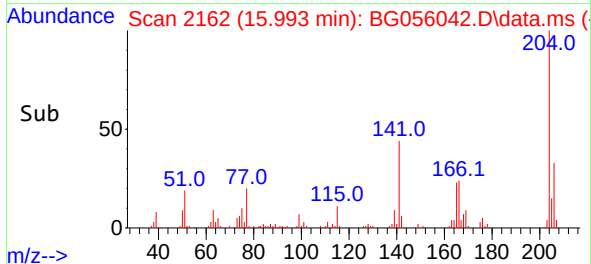
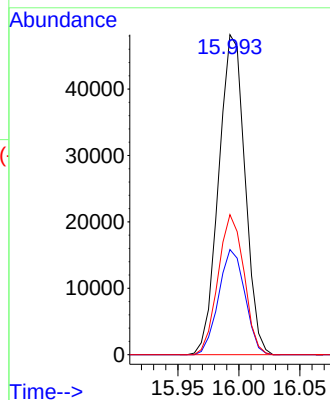
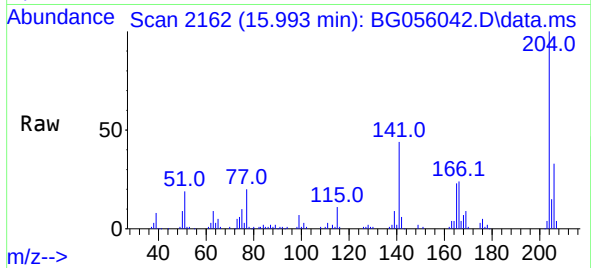
#61
4-Chlorophenyl-phenylether
Concen: 40.866 ng
RT: 15.993 min Scan# 2162
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 72235
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 43.7 36.3 54.5

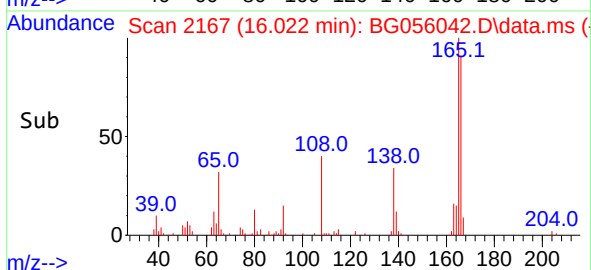
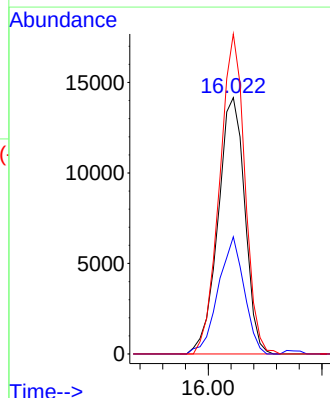
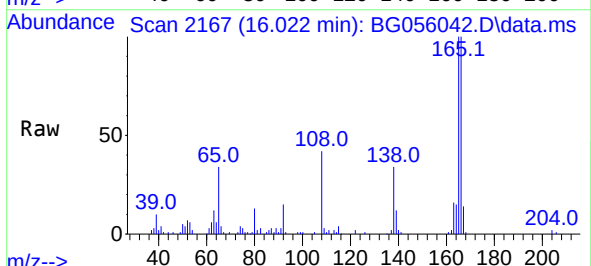
Manual Integrations
APPROVED

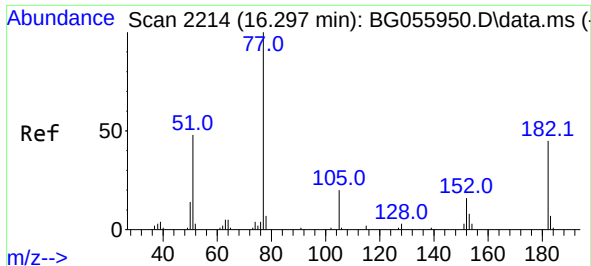
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#62
4-Nitroaniline
Concen: 48.746 ng
RT: 16.022 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:138 Resp: 23105
Ion Ratio Lower Upper
138 100
92 45.7 24.4 64.4
108 124.9 110.1 150.1





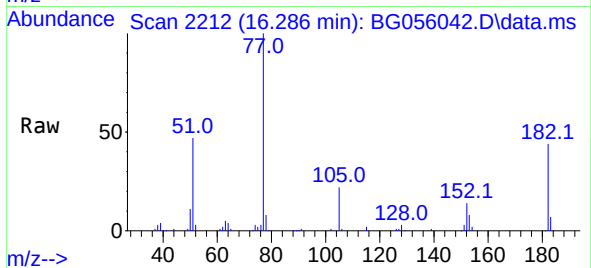
#63
Azobenzene
Concen: 41.988 ng
RT: 16.286 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

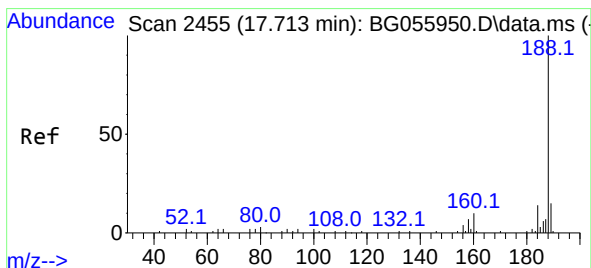
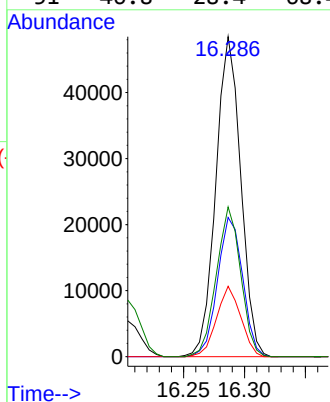
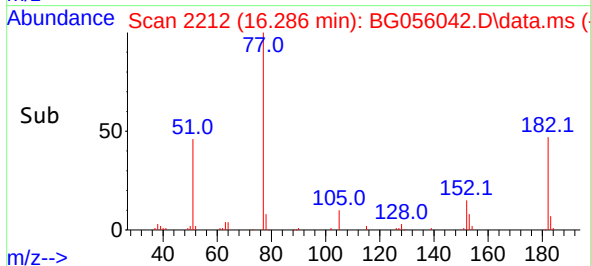


Tgt Ion: 77 Resp: 69069
Ion Ratio Lower Upper
77 100
182 43.5 24.7 64.7
105 22.0 0.3 40.3
51 46.8 28.4 68.4

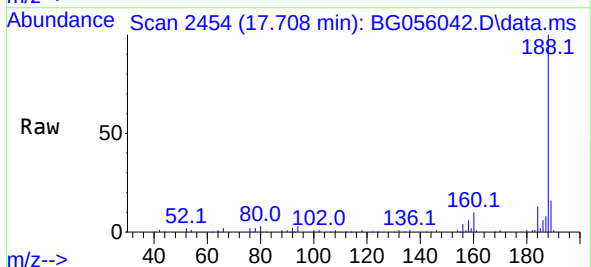
Manual Integrations

APPROVED

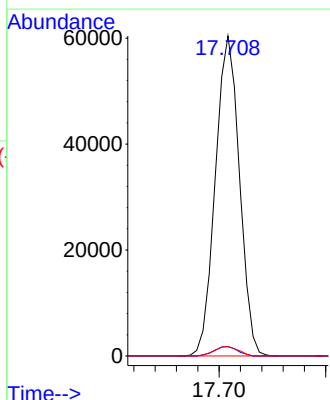
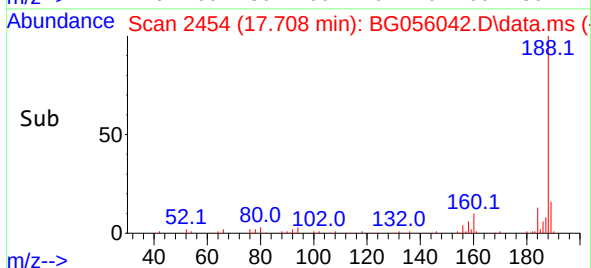
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

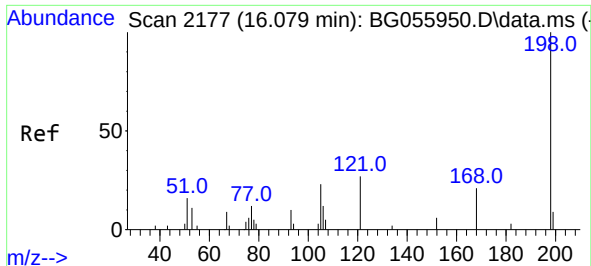


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.708 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:188 Resp: 94668
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 3.0 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 49.598 ng
RT: 16.075 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

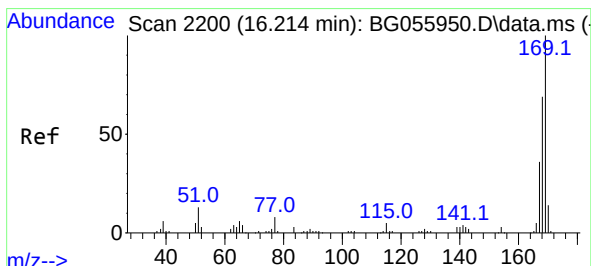
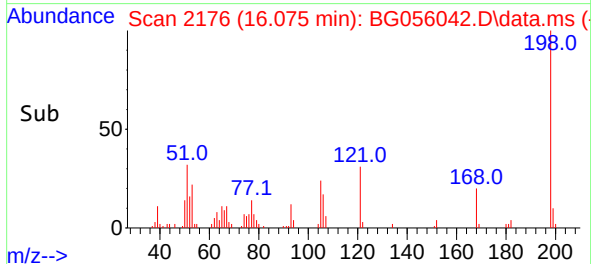
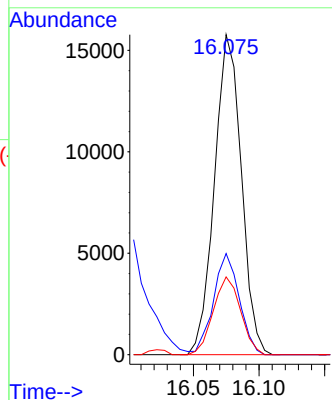
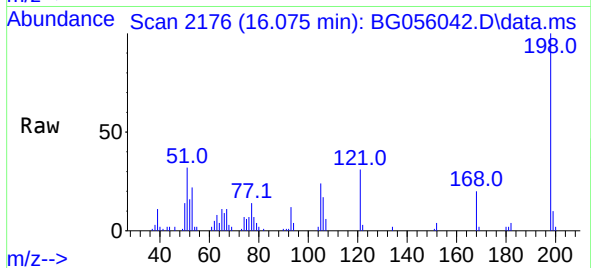
SSTDCCC040

Tgt Ion:198 Resp: 22430
Ion Ratio Lower Upper
198 100
51 31.6 3.0 43.0
105 24.3 3.3 43.3

Manual Integrations

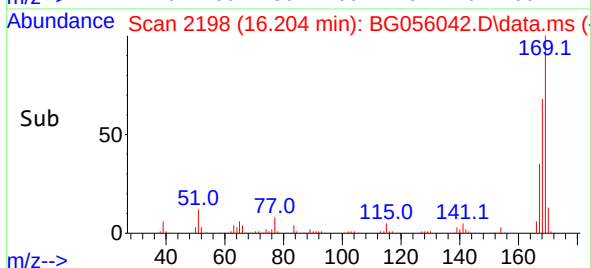
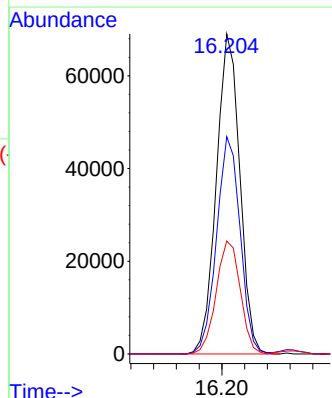
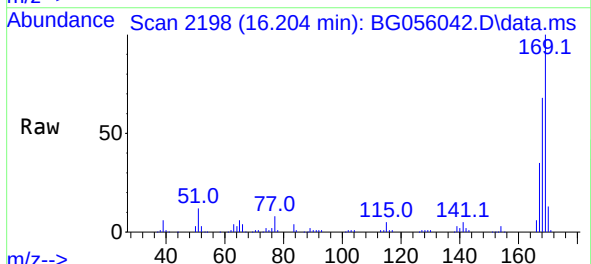
APPROVED

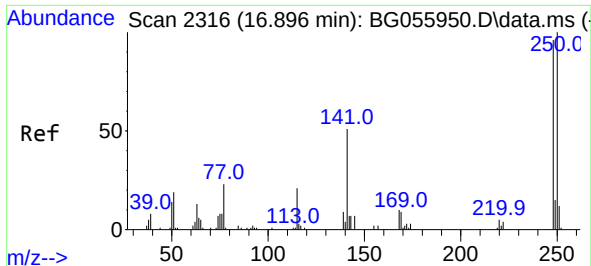
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#66
n-Nitrosodiphenylamine
Concen: 39.895 ng
RT: 16.204 min Scan# 2198
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:169 Resp: 98973
Ion Ratio Lower Upper
169 100
168 67.9 55.3 82.9
167 35.3 28.9 43.3





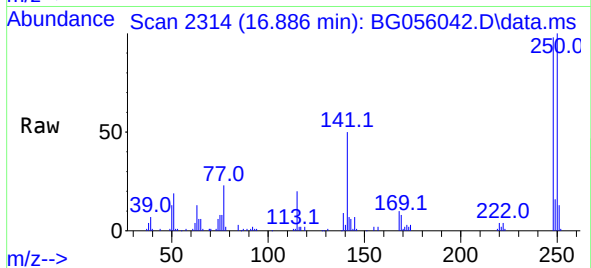
#67
4-Bromophenyl-phenylether
Concen: 39.027 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

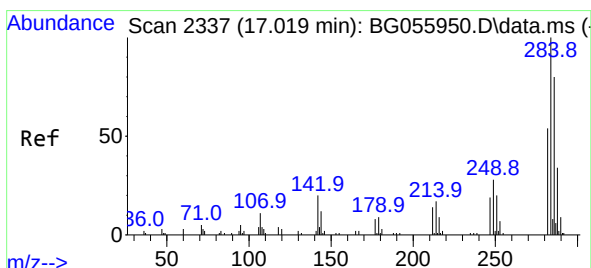
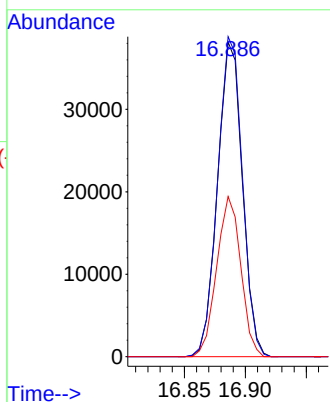
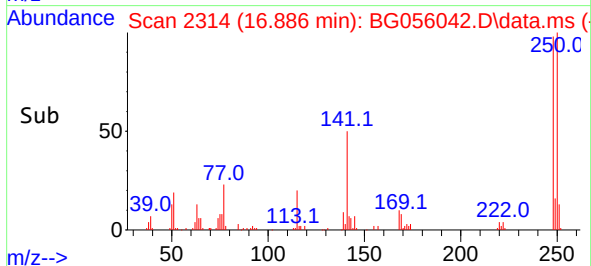


Tgt Ion:248 Resp: 54138
Ion Ratio Lower Upper
248 100
250 101.7 83.0 124.6
141 50.9 42.6 64.0

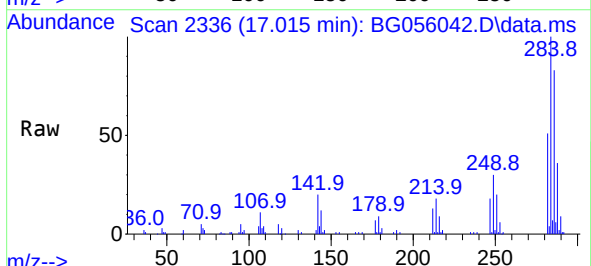
Manual Integrations

APPROVED

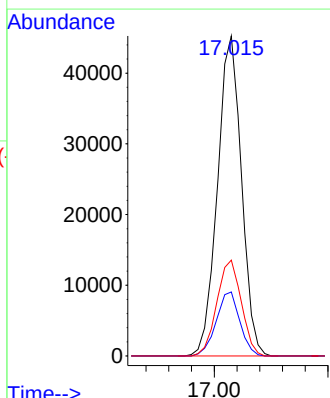
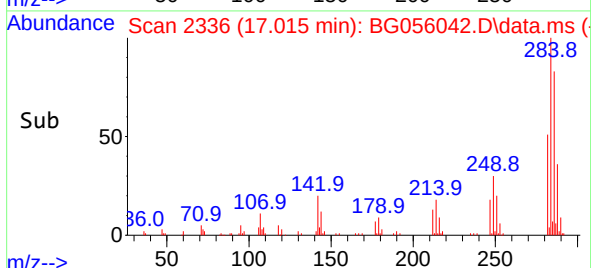
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

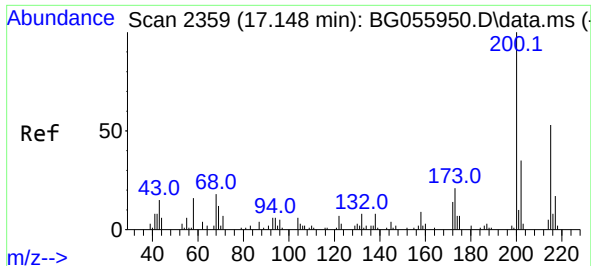


#68
Hexachlorobenzene
Concen: 38.791 ng
RT: 17.015 min Scan# 2336
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:284 Resp: 66280
Ion Ratio Lower Upper
284 100
142 20.0 16.2 24.2
249 29.9 22.8 34.2





#69
 Atrazine
 Concen: 39.111 ng
 RT: 17.138 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056042.D
 Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

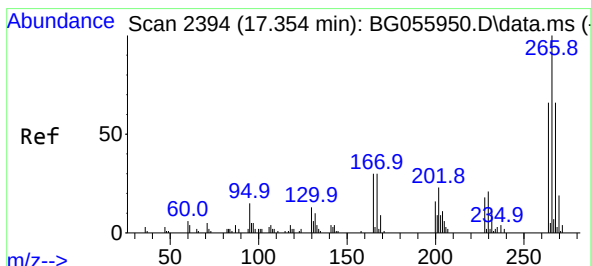
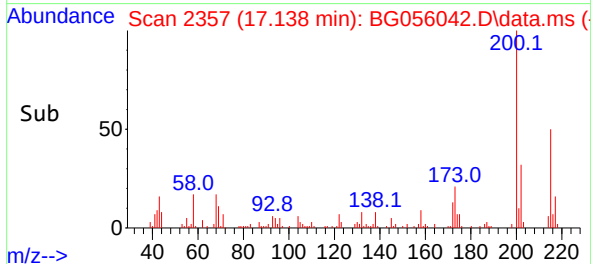
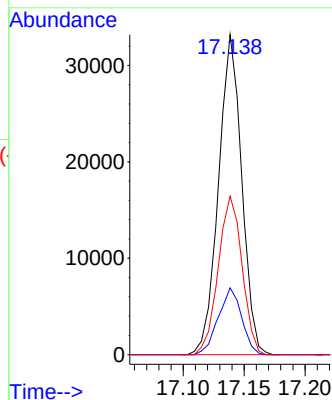
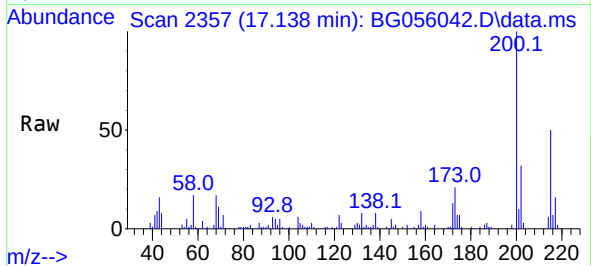
SSTDCCC040

Tgt Ion:200 Resp: 4393
 Ion Ratio Lower Upper
 200 100
 173 20.9 1.4 41.4
 215 49.6 33.3 73.3

Manual Integrations

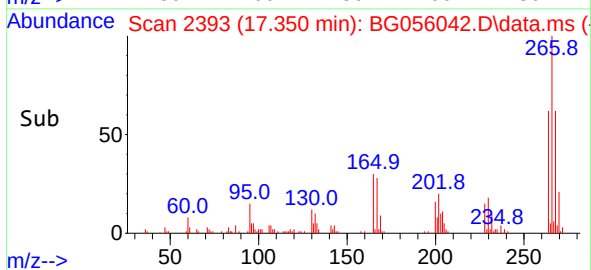
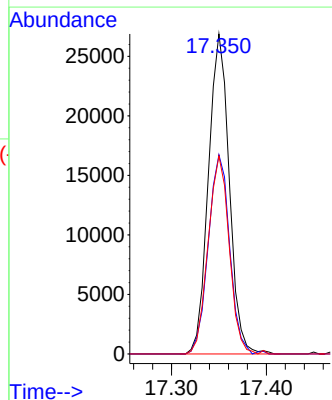
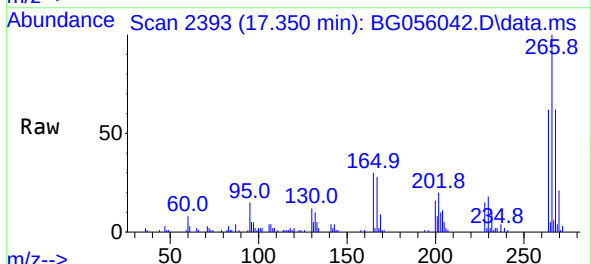
APPROVED

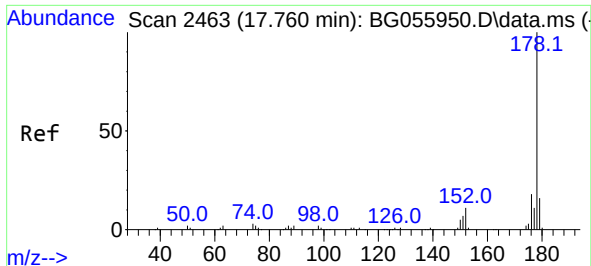
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :mohammad ahmed 12/22/2022



#70
 Pentachlorophenol
 Concen: 41.968 ng
 RT: 17.350 min Scan# 2393
 Delta R.T. 0.002 min
 Lab File: BG056042.D
 Acq: 21 Dec 2022 10:16

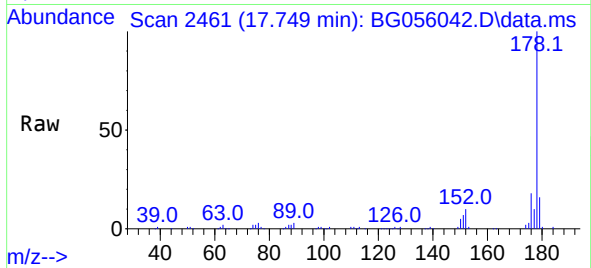
Tgt Ion:266 Resp: 40995
 Ion Ratio Lower Upper
 266 100
 268 62.3 55.5 83.3
 264 61.8 52.6 78.8





#71
Phenanthrene
Concen: 39.685 ng
RT: 17.749 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

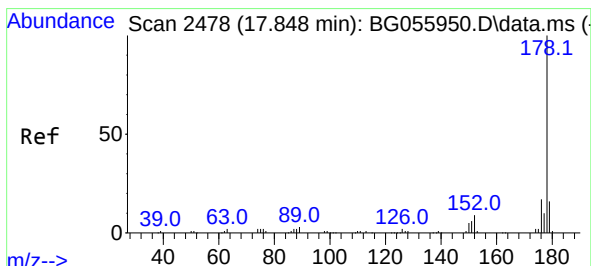
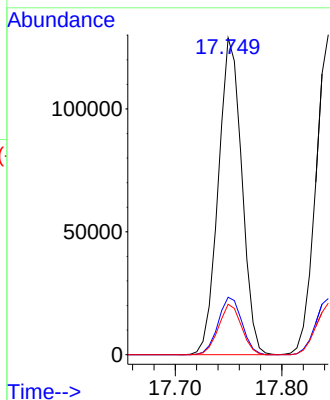
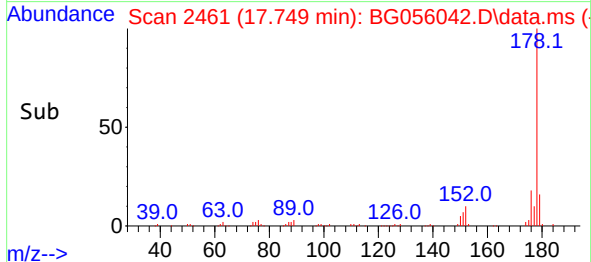
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



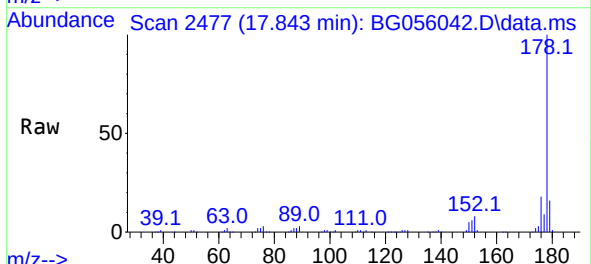
Tgt Ion:178 Resp: 19688
Ion Ratio Lower Upper
178 100
176 18.1 14.4 21.6
179 15.9 12.7 19.1

Manual Integrations
APPROVED

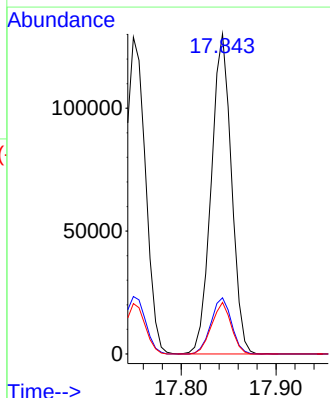
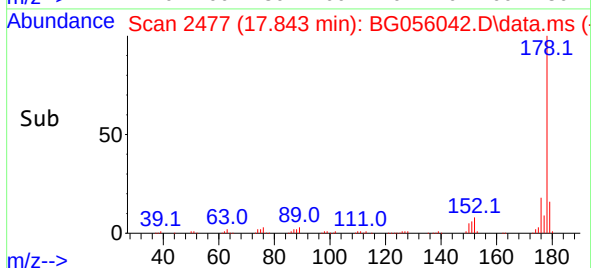
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

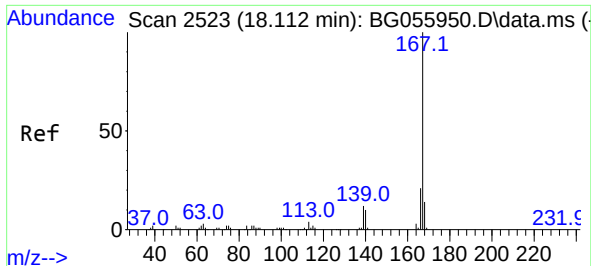


#72
Anthracene
Concen: 39.278 ng
RT: 17.843 min Scan# 2477
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:178 Resp: 192781
Ion Ratio Lower Upper
178 100
176 17.5 13.9 20.9
179 16.1 12.7 19.1





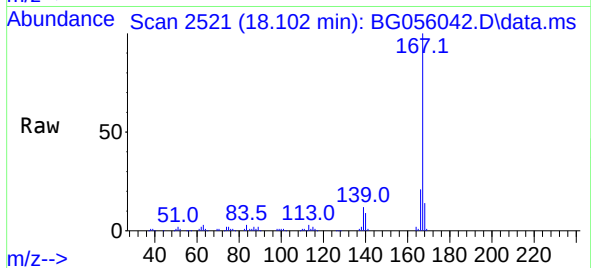
#73
Carbazole
Concen: 38.882 ng
RT: 18.102 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

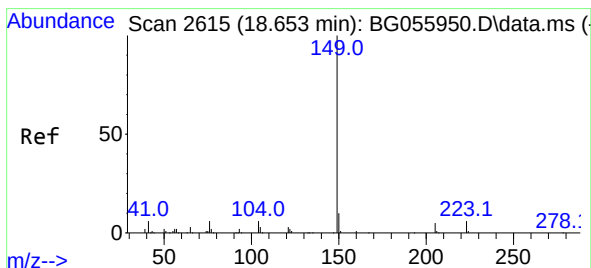
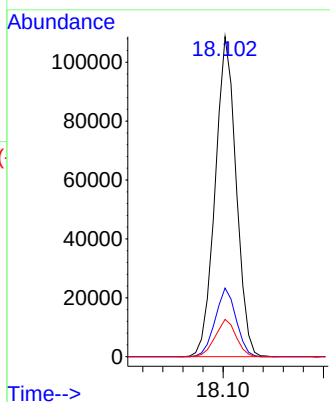
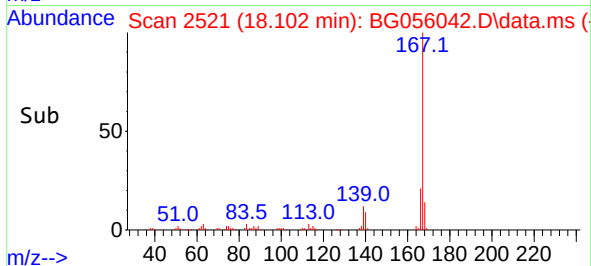


Tgt Ion:167 Resp: 157394
Ion Ratio Lower Upper
167 100
166 21.4 16.6 25.0
139 11.7 9.7 14.5

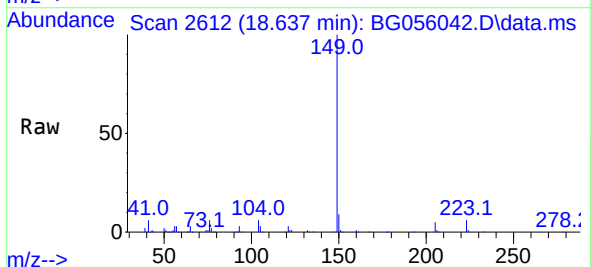
Manual Integrations

APPROVED

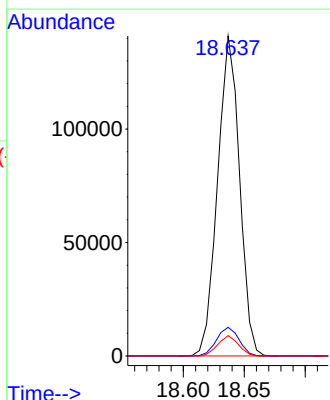
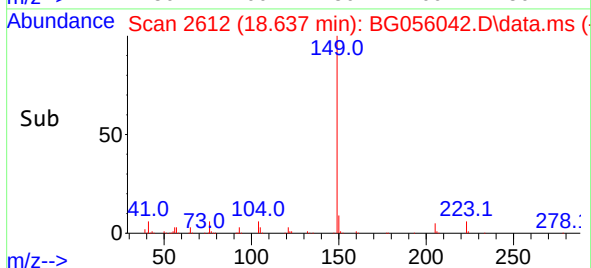
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

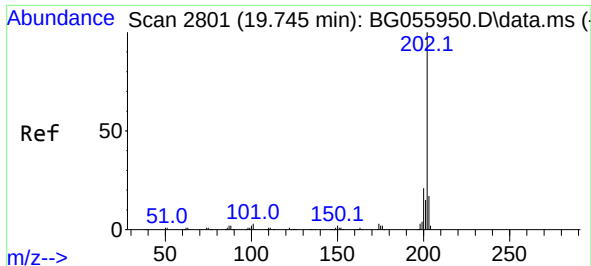


#74
Di-n-butylphthalate
Concen: 37.525 ng
RT: 18.637 min Scan# 2612
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



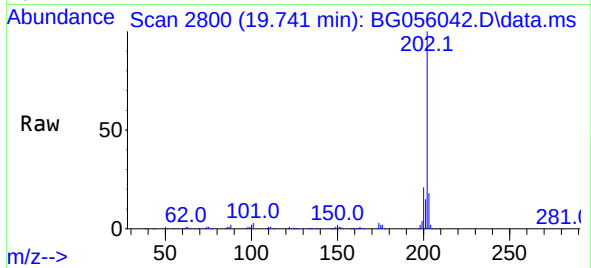
Tgt Ion:149 Resp: 176653
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 6.3 4.8 7.2





#75
Fluoranthene
Concen: 35.238 ng
RT: 19.741 min Scan# 2801
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

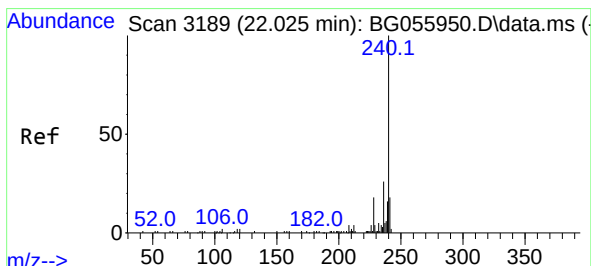
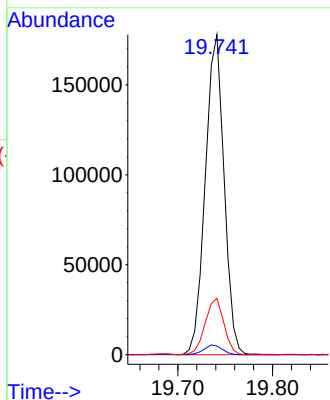
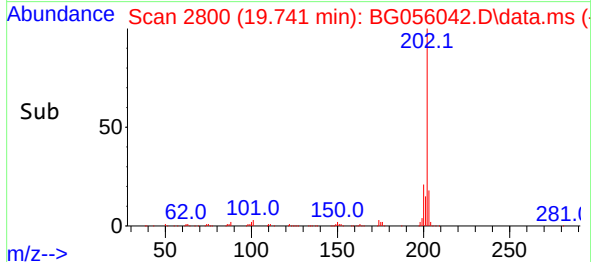
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 244798
Ion Ratio Lower Upper
202 100
101 2.7 0.0 22.6
203 17.6 0.0 37.1

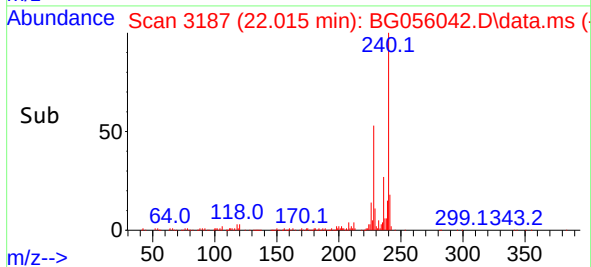
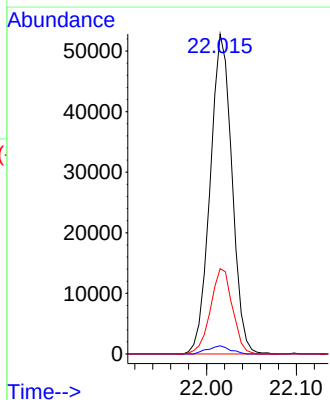
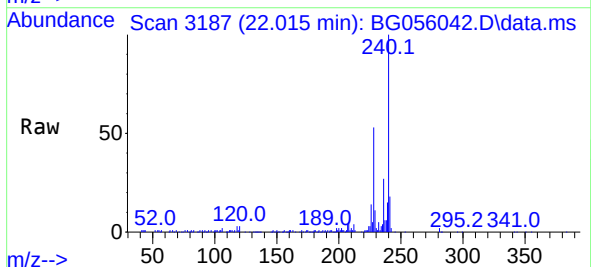
Manual Integrations
APPROVED

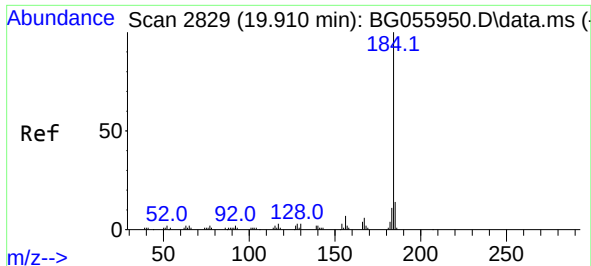
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3187
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:240 Resp: 88951
Ion Ratio Lower Upper
240 100
120 2.6 1.7 2.5#
236 26.6 21.1 31.7





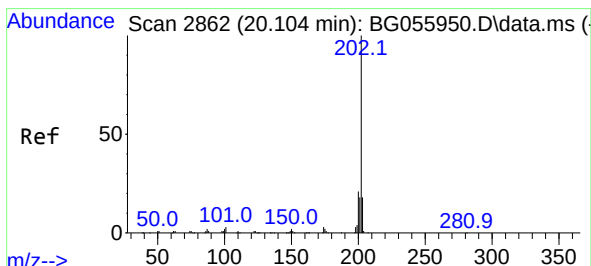
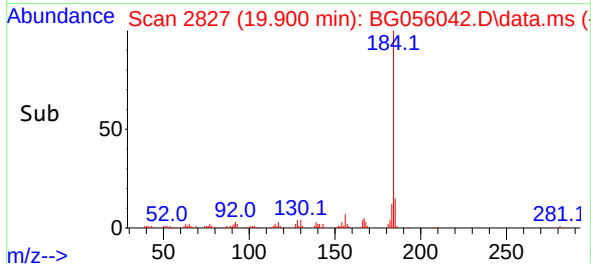
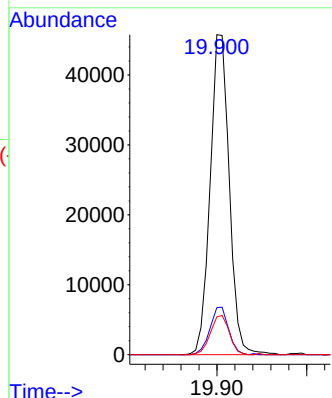
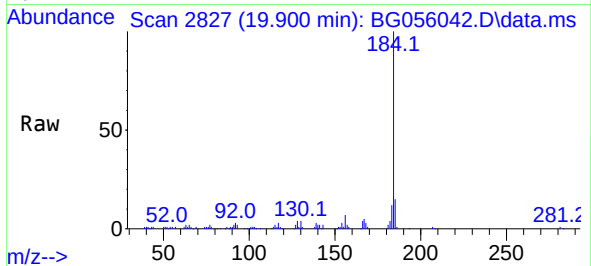
#77
Benzidine
Concen: 43.259 ng
RT: 19.900 min Scan# 2829
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 67570
Ion Ratio Lower Upper
184 100
185 14.7 10.9 16.3
183 11.8 9.2 13.8

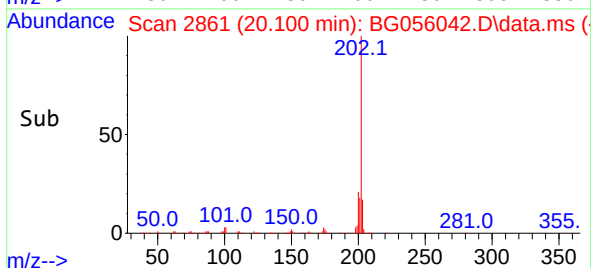
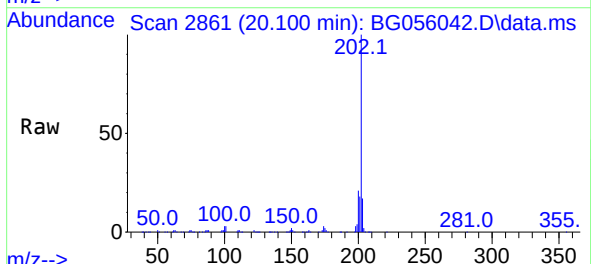
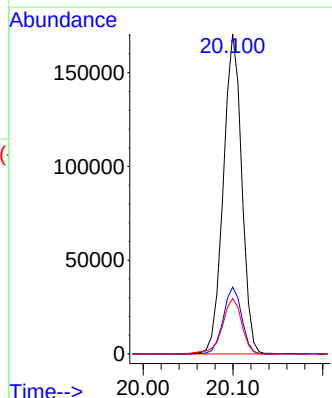
Manual Integrations
APPROVED

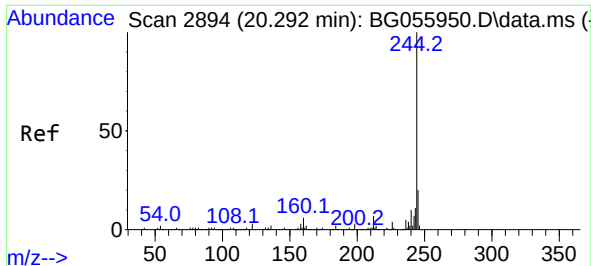
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#78
Pyrene
Concen: 45.073 ng
RT: 20.100 min Scan# 2861
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Tgt Ion:202 Resp: 242603
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 14.6 21.8





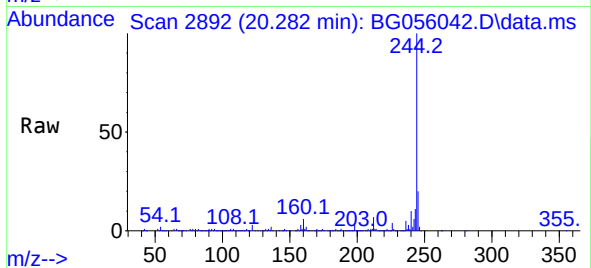
#79
 Terphenyl-d14
 Concen: 87.114 ng
 RT: 20.282 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG056042.D
 Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

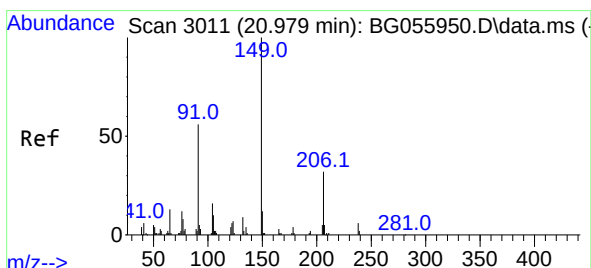
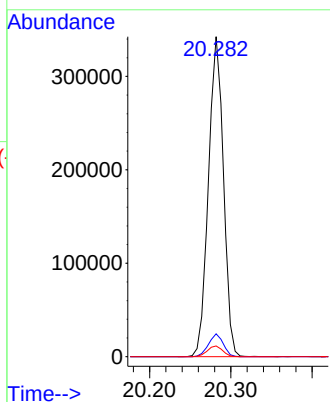
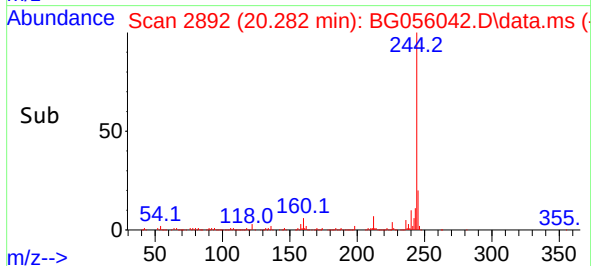


Tgt Ion:244 Resp: 438430
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.3 2.5 3.7

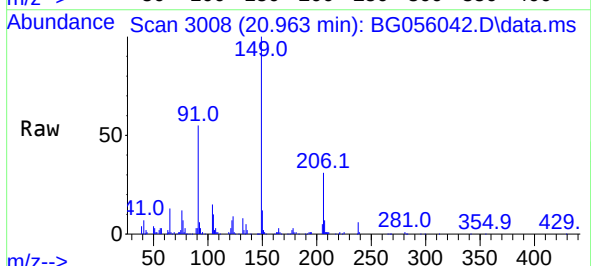
Manual Integrations

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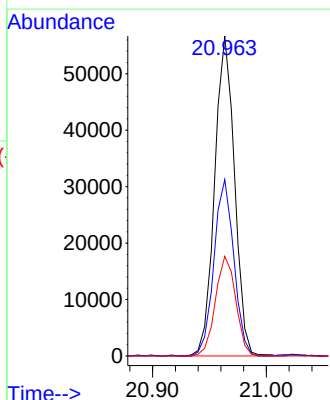
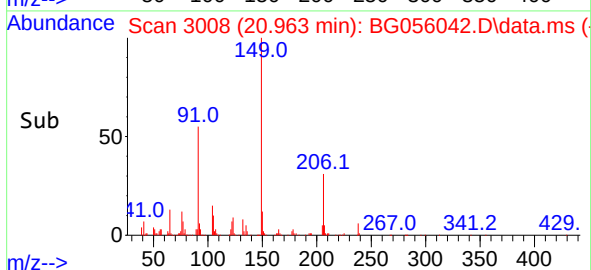
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :mohammad ahmed 12/22/2022

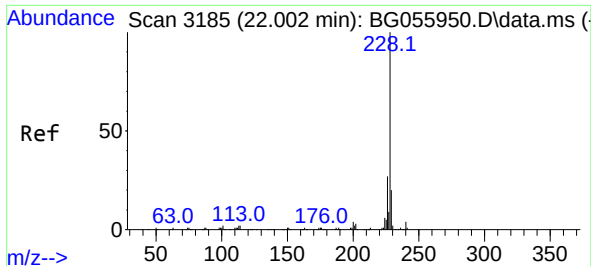


#80
 Butylbenzylphthalate
 Concen: 45.197 ng
 RT: 20.963 min Scan# 3008
 Delta R.T. 0.002 min
 Lab File: BG056042.D
 Acq: 21 Dec 2022 10:16



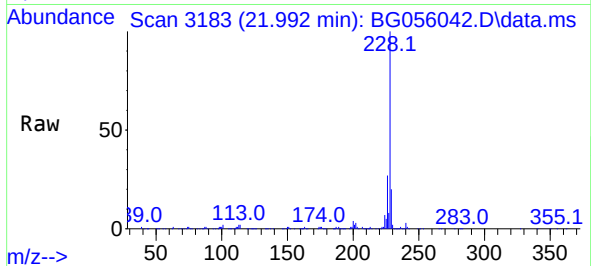
Tgt Ion:149 Resp: 68935
 Ion Ratio Lower Upper
 149 100
 91 55.1 44.5 66.7
 206 31.1 25.8 38.6





#81
Benzo(a)anthracene
Concen: 42.128 ng
RT: 21.992 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

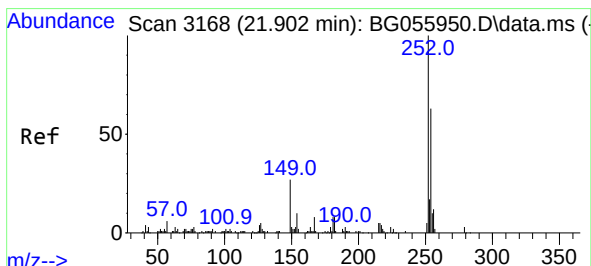
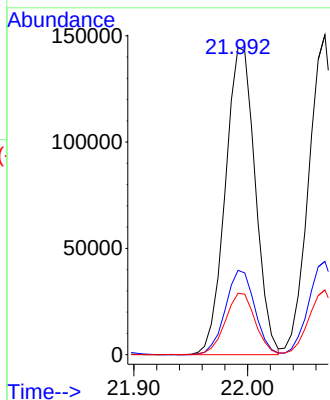
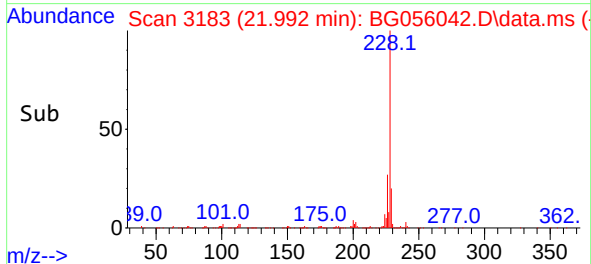
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 263690
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.6
229 20.0 15.9 23.9

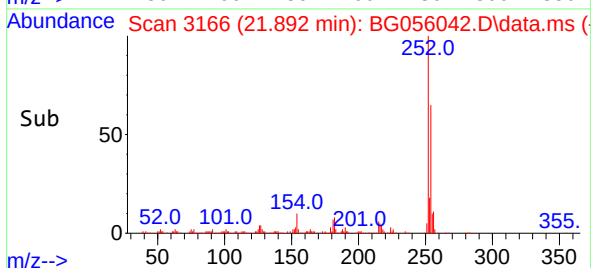
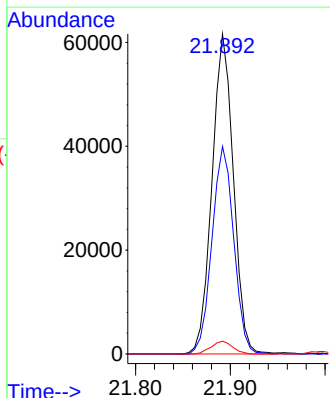
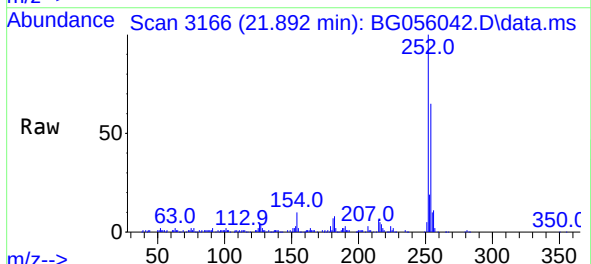
Manual Integrations
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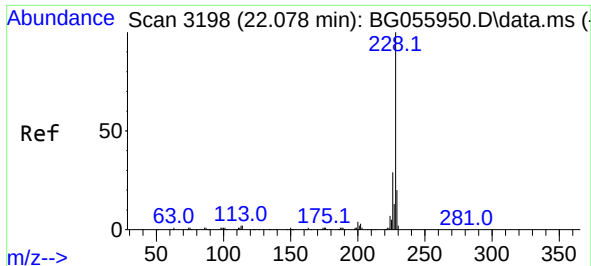
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 42.874 ng
RT: 21.892 min Scan# 3166
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

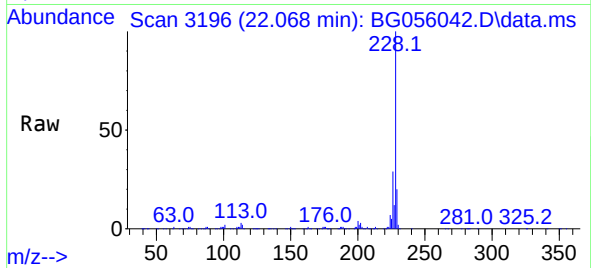
Tgt Ion:252 Resp: 96554
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.2
126 4.0 3.1 4.7





#83
Chrysene
Concen: 43.046 ng
RT: 22.068 min Scan# 3198
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

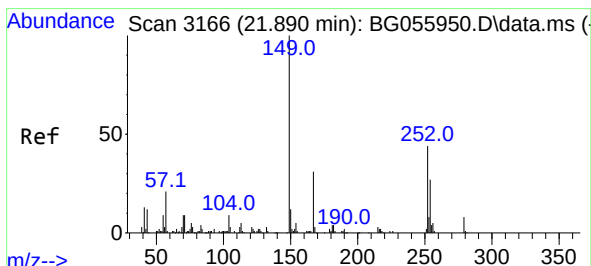
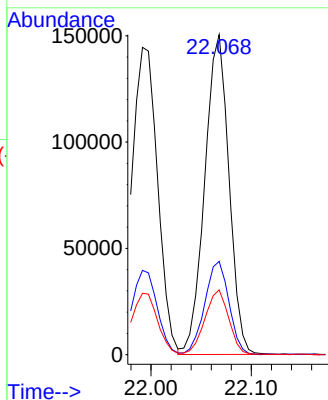
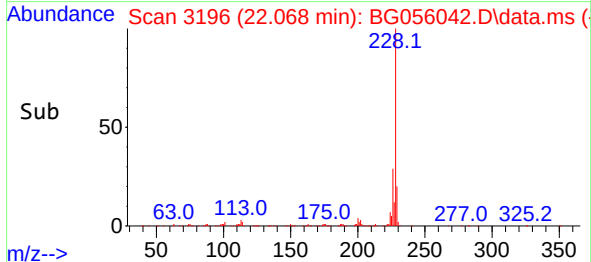
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



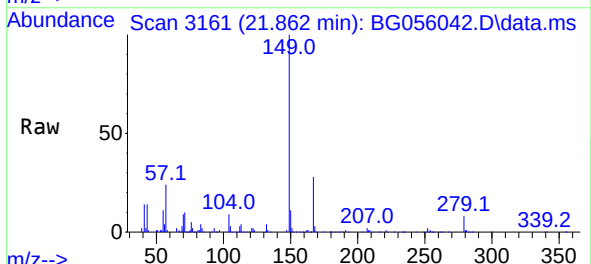
Tgt Ion:228 Resp: 252524
Ion Ratio Lower Upper
228 100
226 29.2 23.1 34.7
229 20.3 15.7 23.5

Manual Integrations
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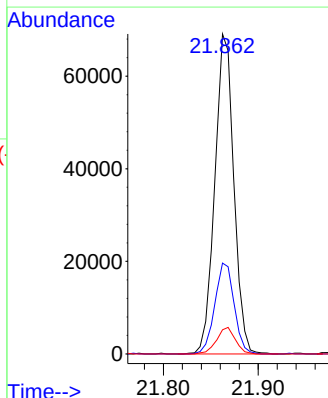
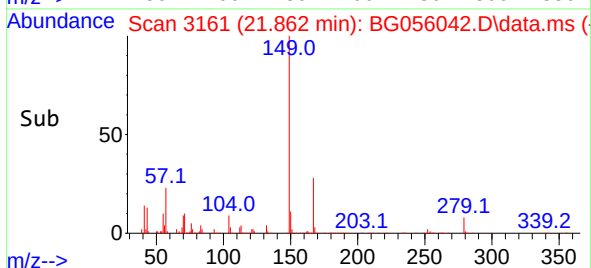
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

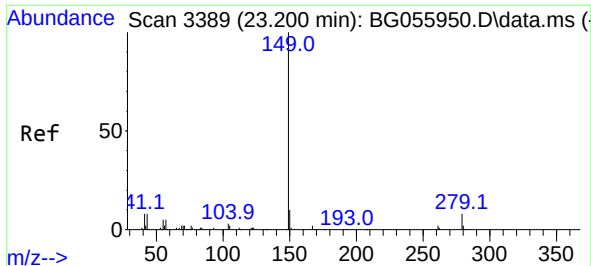


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.488 ng
RT: 21.862 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



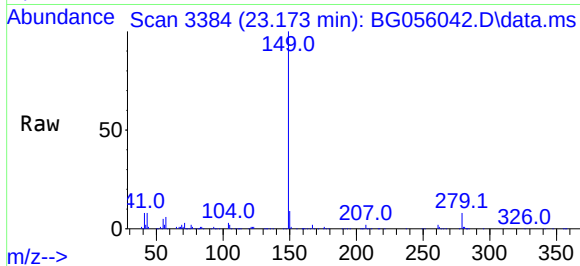
Tgt Ion:149 Resp: 96277
Ion Ratio Lower Upper
149 100
167 28.4 24.6 36.8
279 7.6 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 42.766 ng
RT: 23.173 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

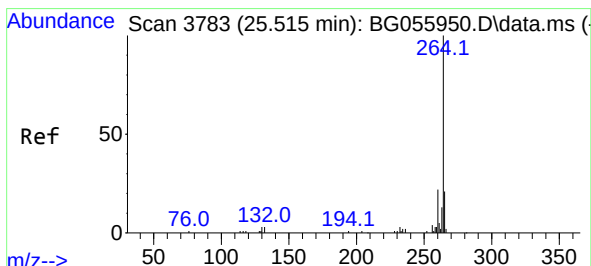
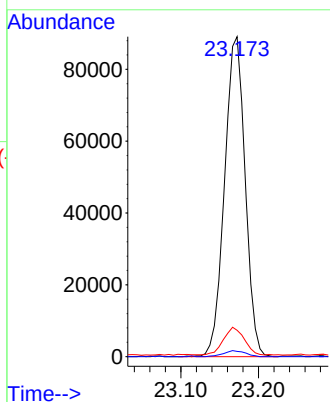
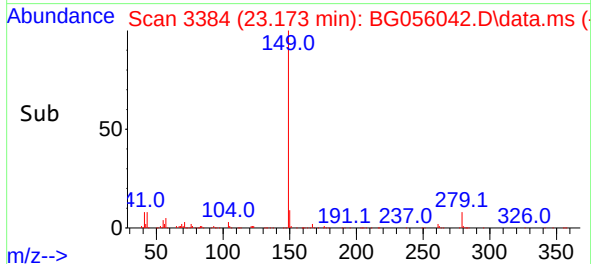
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



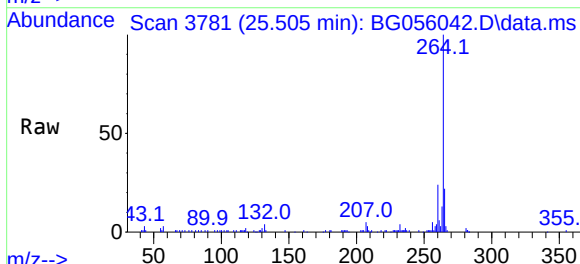
Tgt Ion:149 Resp: 16438
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 8.7 6.9 10.3

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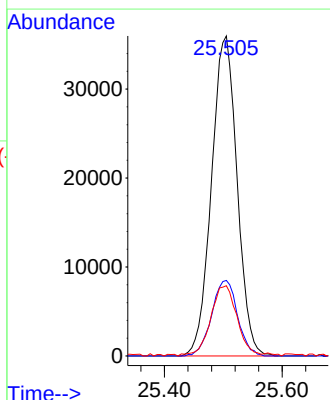
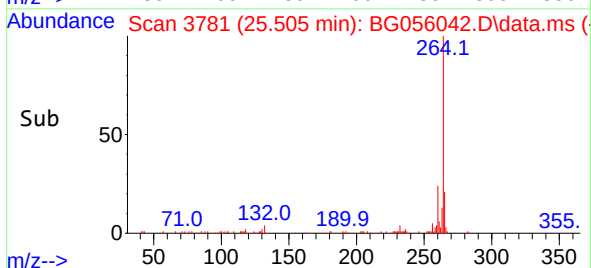
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022

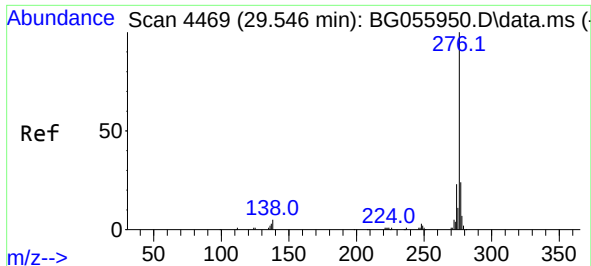


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.505 min Scan# 3781
Delta R.T. 0.007 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:264 Resp: 108615
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.8
265 22.0 16.6 25.0





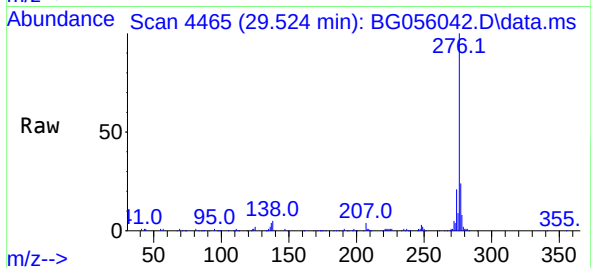
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.956 ng
 RT: 29.524 min Scan# 4465
 Delta R.T. 0.002 min
 Lab File: BG056042.D
 Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

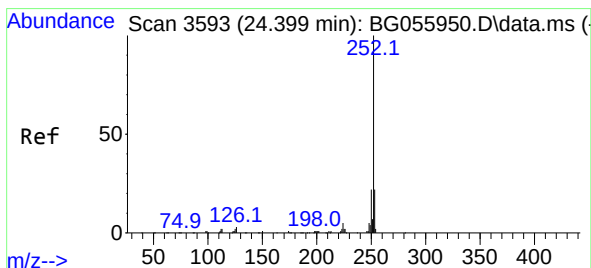
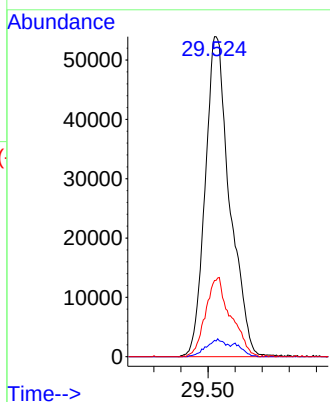
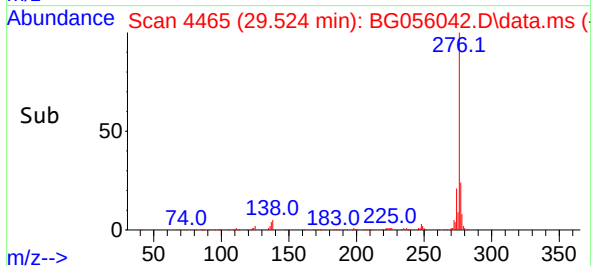


Tgt Ion:276 Resp: 34024
 Ion Ratio Lower Upper
 276 100
 138 4.5 3.0 4.4
 277 25.5 20.4 30.6

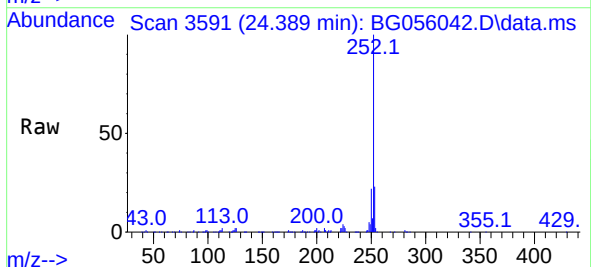
Manual Integrations

APPROVED

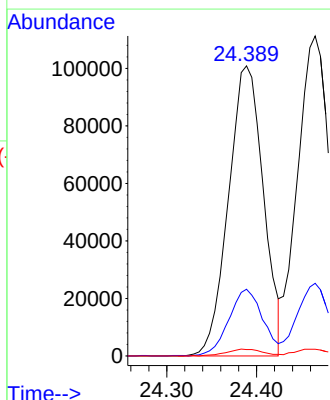
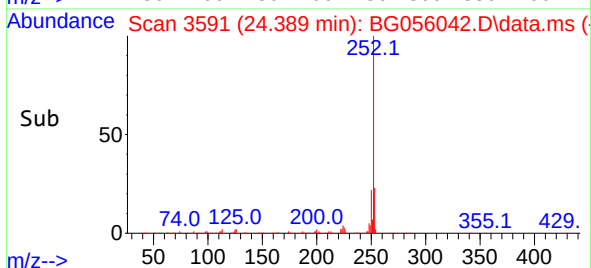
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :mohammad ahmed 12/22/2022

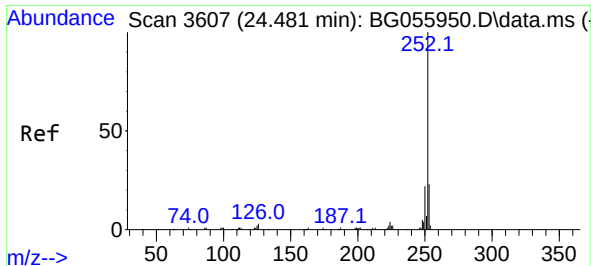


#88
 Benzo(b)fluoranthene
 Concen: 38.772 ng
 RT: 24.389 min Scan# 3591
 Delta R.T. 0.002 min
 Lab File: BG056042.D
 Acq: 21 Dec 2022 10:16



Tgt Ion:252 Resp: 272547
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 2.2 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 39.638 ng
RT: 24.465 min Scan# 30
Delta R.T. 0.002 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

Instrument :

BNA_G

ClientSampleId :

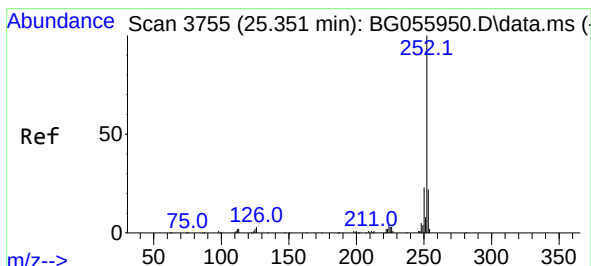
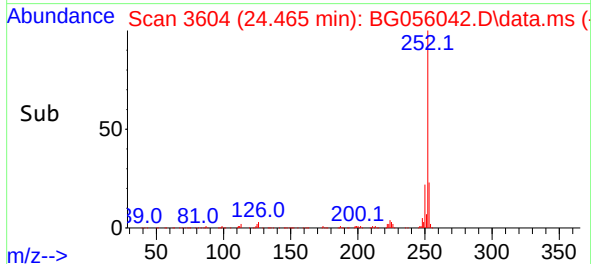
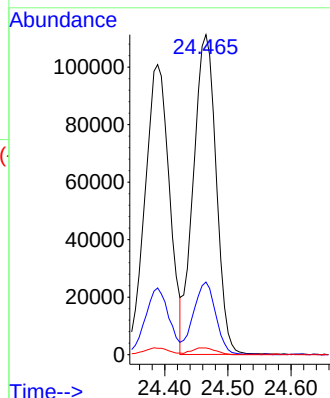
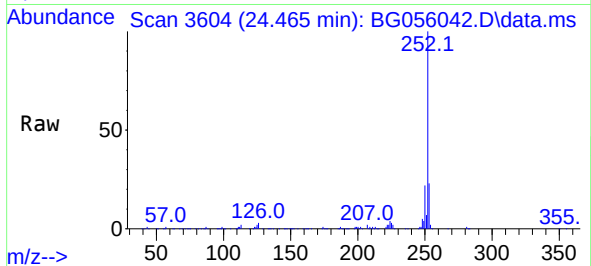
SSTDCCC040

Tgt Ion:252 Resp: 277995
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 2.1 2.0 3.0

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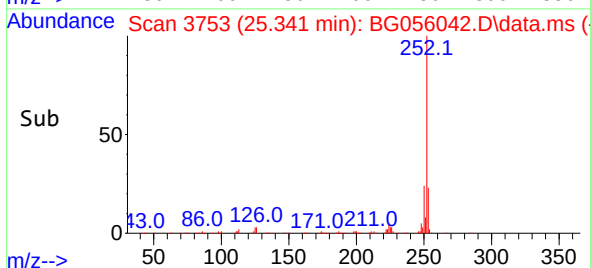
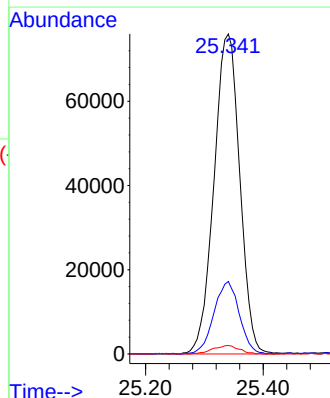
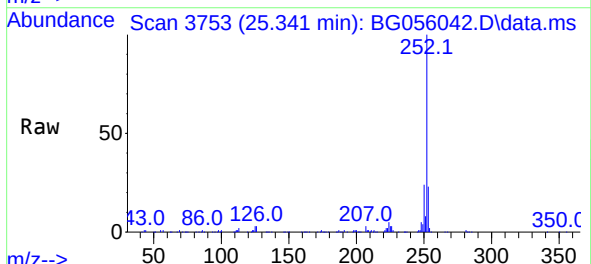
APPROVED

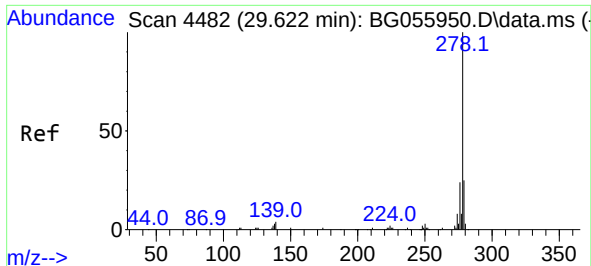
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#90
Benzo(a)pyrene
Concen: 38.902 ng
RT: 25.341 min Scan# 3753
Delta R.T. 0.007 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

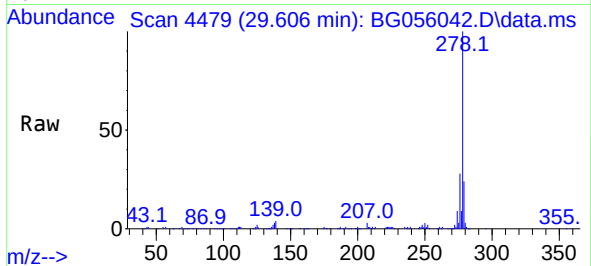
Tgt Ion:252 Resp: 231149
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 2.7 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 39.276 ng
RT: 29.606 min Scan# 4482
Delta R.T. 0.013 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16

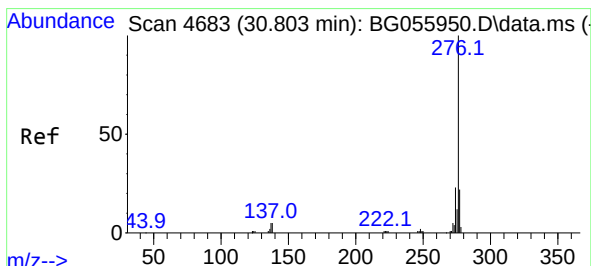
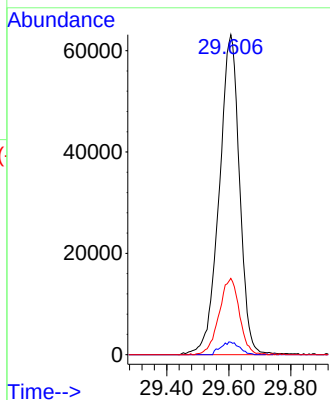
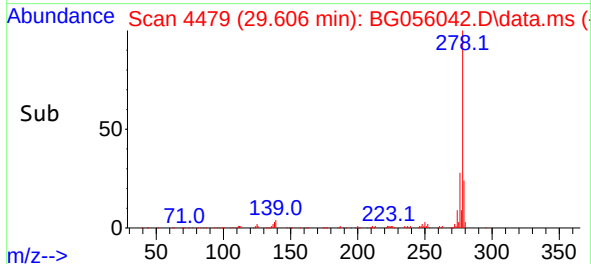
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



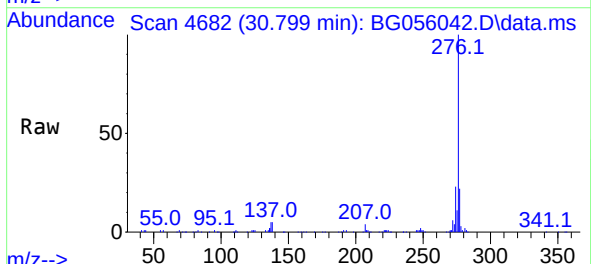
Tgt Ion:278 Resp: 287125
Ion Ratio Lower Upper
278 100
139 3.9 2.9 4.3
279 23.9 20.0 30.0

Manual Integrations
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Reviewed By :Christian Giraldo 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#92
Benzo(g,h,i)perylene
Concen: 39.171 ng
RT: 30.799 min Scan# 4682
Delta R.T. 0.007 min
Lab File: BG056042.D
Acq: 21 Dec 2022 10:16



Tgt Ion:276 Resp: 276865
Ion Ratio Lower Upper
276 100
277 22.5 17.8 26.6
138 4.9 3.8 5.6

