

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
 Data File : BG053427.D
 Acq On : 4 May 2022 12:17
 Operator : CG/JU
 Sample : PB144537BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB144537BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022

Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 04 18:08:20 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 04 18:06:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	26502	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	108180	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	77931	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	190313	20.000	ng	0.00
76) Chrysene-d12	21.757	240	190473	20.000	ng	0.00
86) Perylene-d12	25.046	264	203728	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	222272	143.768	ng	0.00
7) Phenol-d6	7.264	99	318786	133.710	ng	0.00
23) Nitrobenzene-d5	9.268	82	216372	81.211	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	150701	121.548	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	468305	82.862	ng	0.00
79) Terphenyl-d14	20.077	244	936376	83.027	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	31005	41.994	ng	# 91
3) Pyridine	3.945	79	75007	38.519	ng	# 87
4) n-Nitrosodimethylamine	3.857	42	48453	50.246	ng	88
6) Aniline	7.423	93	113183	40.963	ng	97
8) 2-Chlorophenol	7.670	128	82922	49.681	ng	96
9) Benzaldehyde	7.235	77	60758m	42.633	ng	
10) Phenol	7.294	94	115278	48.575	ng	91
11) bis(2-Chloroethyl)ether	7.511	93	78751	46.034	ng	88
12) 1,3-Dichlorobenzene	7.993	146	89167m	45.974	ng	
13) 1,4-Dichlorobenzene	8.134	146	91900	46.478	ng	97
14) 1,2-Dichlorobenzene	8.457	146	89247	46.806	ng	98
15) Benzyl Alcohol	8.339	79	96028m	45.314	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	129238	45.250	ng	99
17) 2-Methylphenol	8.545	107	78610	48.950	ng	96
18) Hexachloroethane	9.185	117	33773	45.548	ng	97
19) n-Nitroso-di-n-propyla...	8.903	70	75585	43.304	ng	94
20) 3+4-Methylphenols	8.874	107	106378	46.924	ng	93
22) Acetophenone	8.921	105	130746	43.564	ng	94
24) Nitrobenzene	9.309	77	117767	45.444	ng	91
25) Isophorone	9.832	82	206140	45.520	ng	99
26) 2-Nitrophenol	10.020	139	47603	43.928	ng	# 90
27) 2,4-Dimethylphenol	10.078	122	81172	52.302	ng	91
28) bis(2-Chloroethoxy)met...	10.307	93	112227	44.112	ng	100
29) 2,4-Dichlorophenol	10.566	162	87862	45.033	ng	97
30) 1,2,4-Trichlorobenzene	10.777	180	94172	42.646	ng	97
31) Naphthalene	10.965	128	252866	43.812	ng	99
32) Benzoic acid	10.249	122	37800m	38.223	ng	
33) 4-Chloroaniline	11.071	127	78261	31.664	ng	96
34) Hexachlorobutadiene	11.247	225	69575	42.415	ng	98
35) Caprolactam	11.841	113	28182m	40.979	ng	
36) 4-Chloro-3-methylphenol	12.193	107	100823	44.387	ng	90
37) 2-Methylnaphthalene	12.563	142	182516	42.737	ng	96
38) 1-Methylnaphthalene	12.781	142	178200	42.747	ng	99
40) 1,2,4,5-Tetrachloroben...	12.927	216	117510	44.397	ng	98
41) Hexachlorocyclopentadiene	12.910	237	125121	91.574	ng	95
43) 2,4,6-Trichlorophenol	13.168	196	78529	43.032	ng	96

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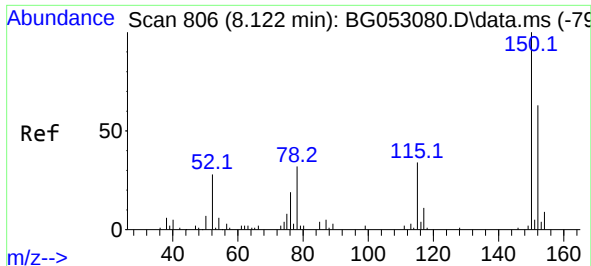
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	85594	44.015	ng	94
46) 1,1'-Biphenyl	13.562	154	249805	44.512	ng	99
47) 2-Chloronaphthalene	13.609	162	197255	44.055	ng	97
48) 2-Nitroaniline	13.809	65	76786	45.190	ng	96
49) Acenaphthylene	14.449	152	333662	47.605	ng	98
50) Dimethylphthalate	14.173	163	273767	43.921	ng	98
51) 2,6-Dinitrotoluene	14.296	165	59487	45.746	ng	# 81
52) Acenaphthene	14.790	154	233454m	49.116	ng	
53) 3-Nitroaniline	14.631	138	47674	34.672	ng	94
54) 2,4-Dinitrophenol	14.842	184	64874	78.407	ng	# 91
55) Dibenzofuran	15.124	168	320177	43.019	ng	99
56) 4-Nitrophenol	14.948	139	88936	84.807	ng	# 75
57) 2,4-Dinitrotoluene	15.089	165	84793	45.801	ng	90
58) Fluorene	15.771	166	266570	44.346	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.354	232	81614	43.216	ng	98
60) Diethylphthalate	15.530	149	284563	43.572	ng	99
61) 4-Chlorophenyl-phenyle...	15.759	204	146225	42.912	ng	96
62) 4-Nitroaniline	15.794	138	63717	43.914	ng	# 81
63) Azobenzene	16.053	77	286067	43.445	ng	97
65) 4,6-Dinitro-2-methylph...	15.853	198	50308	37.889	ng	90
66) n-Nitrosodiphenylamine	15.976	169	240333	43.914	ng	98
67) 4-Bromophenyl-phenylether	16.652	248	103248	42.340	ng	94
68) Hexachlorobenzene	16.787	284	116111	43.967	ng	97
69) Atrazine	16.916	200	103327	48.334	ng	93
70) Pentachlorophenol	17.128	266	118647	82.205	ng	91
71) Phenanthrene	17.515	178	460161	44.266	ng	97
72) Anthracene	17.603	178	461987	44.860	ng	99
73) Carbazole	17.874	167	426846	42.639	ng	99
74) Di-n-butylphthalate	18.420	149	499736	44.016	ng	98
75) Fluoranthene	19.518	202	596494	44.765	ng	100
77) Benzidine	19.695	184	283417	52.151	ng	99
78) Pyrene	19.883	202	589389	43.448	ng	99
80) Butylbenzylphthalate	20.758	149	221516	43.800	ng	98
81) Benzo(a)anthracene	21.739	228	586126	45.006	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	166190	34.699	ng	98
83) Chrysene	21.804	228	531683	43.990	ng	98
84) Bis(2-ethylhexyl)phtha...	21.622	149	316936	46.362	ng	98
85) Di-n-octyl phthalate	22.855	149	539349	47.174	ng	96
87) Indeno(1,2,3-cd)pyrene	28.829	276	665314	43.956	ng	98
88) Benzo(b)fluoranthene	24.001	252	616796	47.985	ng	99
89) Benzo(k)fluoranthene	24.071	252	582343	46.096	ng	100
90) Benzo(a)pyrene	24.894	252	594759	54.313	ng	98
91) Dibenzo(a,h)anthracene	28.882	278	568764	45.656	ng	97
92) Benzo(g,h,i)perylene	29.998	276	571032	46.506	ng	99

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



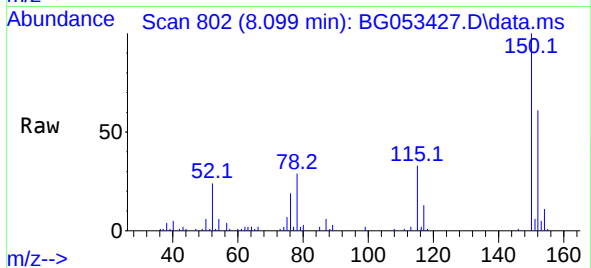
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

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PB144537BS

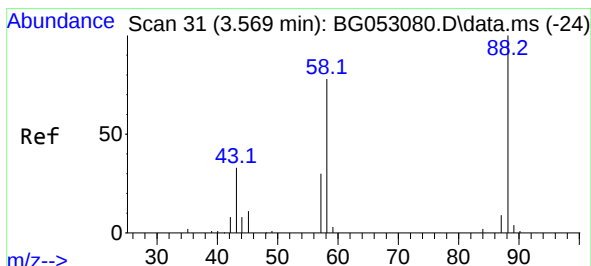
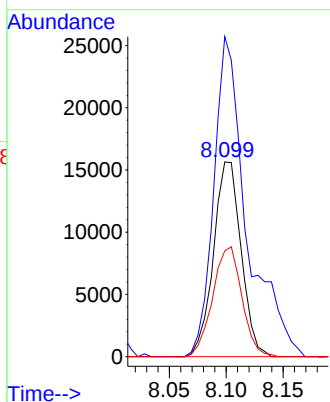
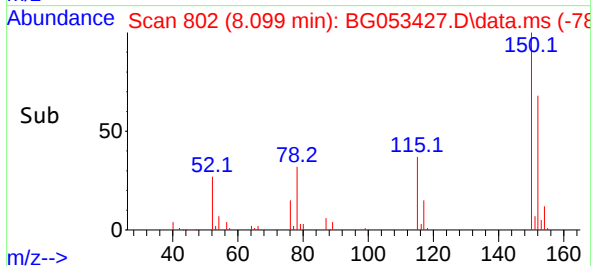


Tgt Ion:152 Resp: 2650
Ion Ratio Lower Upper
152 100
150 164.3 114.6 172.0
115 54.3 45.9 68.9

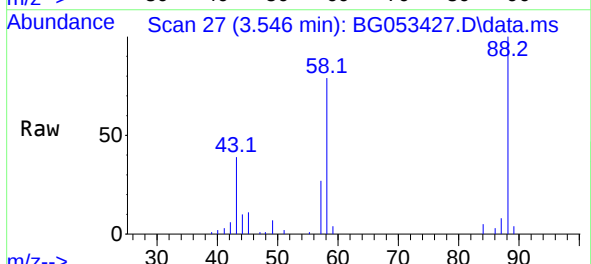
Manual Integrations

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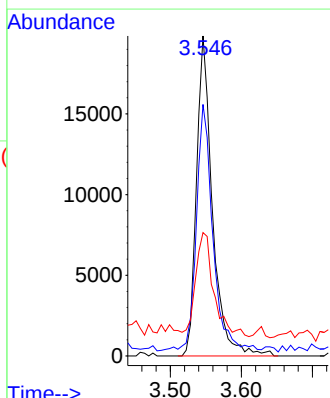
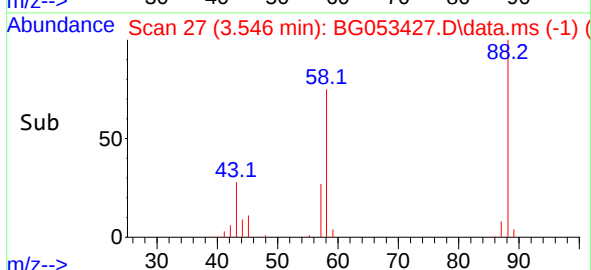
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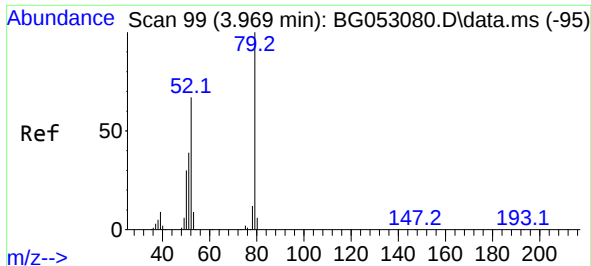


#2
1,4-Dioxane
Concen: 41.994 ng
RT: 3.546 min Scan# 27
Delta R.T. -0.010 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



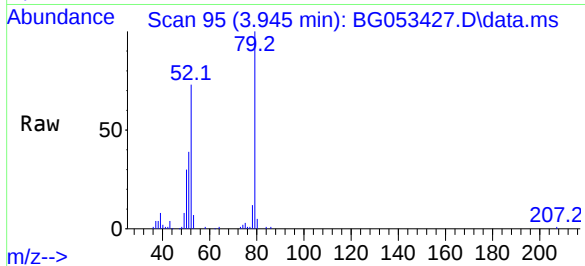
Tgt Ion: 88 Resp: 31005
Ion Ratio Lower Upper
88 100
58 78.6 58.2 87.2
43 36.9 23.4 35.0#





#3
Pyridine
Concen: 38.519 ng
RT: 3.945 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

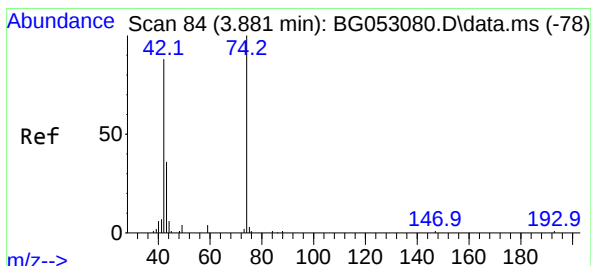
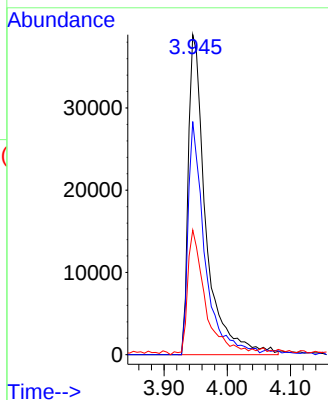
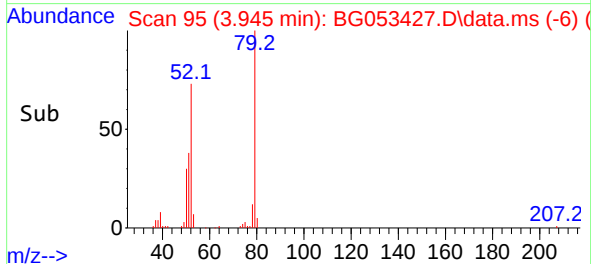
Instrument :
BNA_G
ClientSampleId :
PB144537BS



Tgt Ion: 79 Resp: 7500
Ion Ratio Lower Upper
79 100
52 72.8 50.9 76.3
51 38.9 24.4 36.6

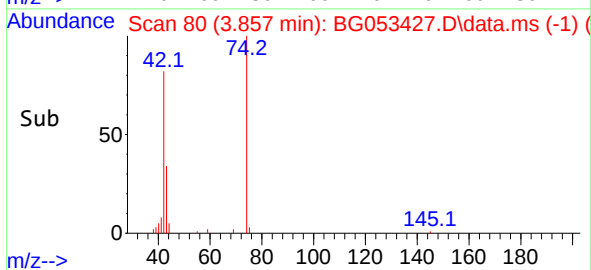
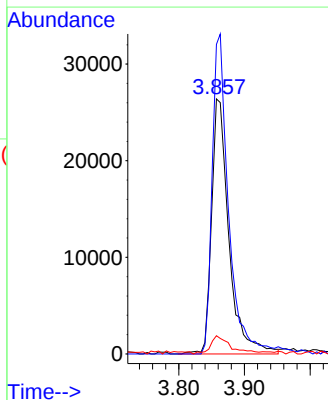
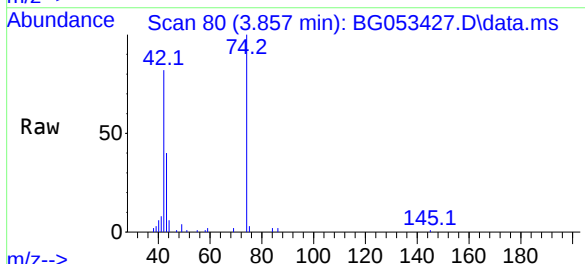
Manual Integrations
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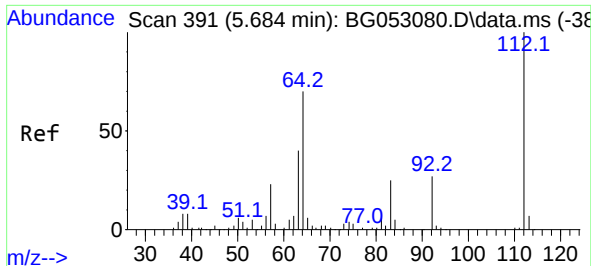
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#4
n-Nitrosodimethylamine
Concen: 50.246 ng
RT: 3.857 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 42 Resp: 48453
Ion Ratio Lower Upper
42 100
74 121.4 108.9 163.3
44 7.2 5.7 8.5





#5
2-Fluorophenol
Concen: 143.768 ng
RT: 5.667 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

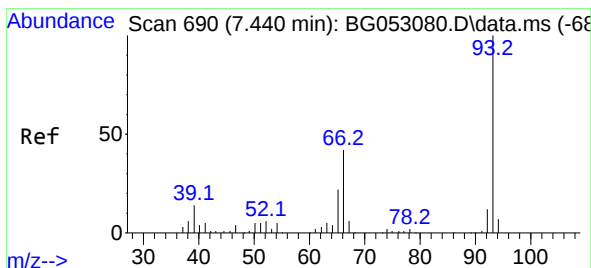
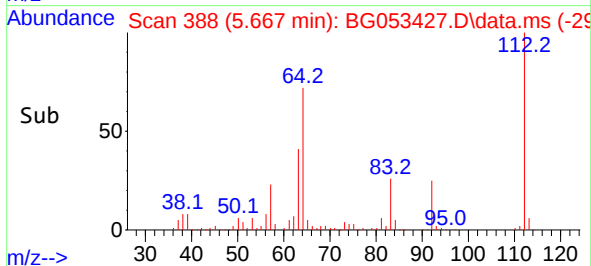
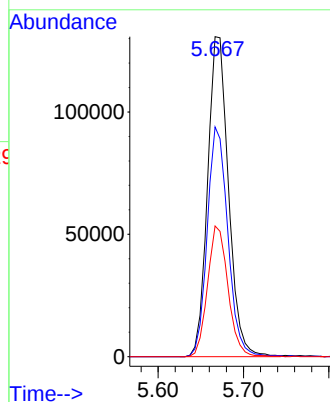
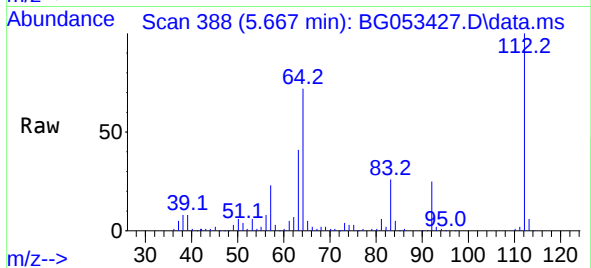
PB144537BS

Tgt Ion:112 Resp: 222272
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 40.9 26.5 39.7

Manual Integrations

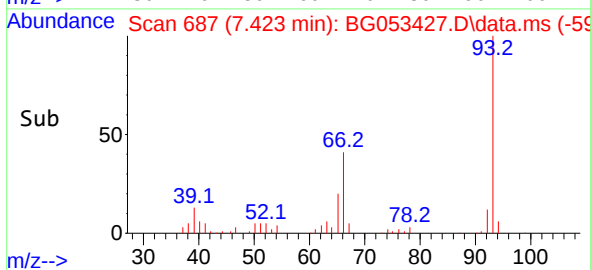
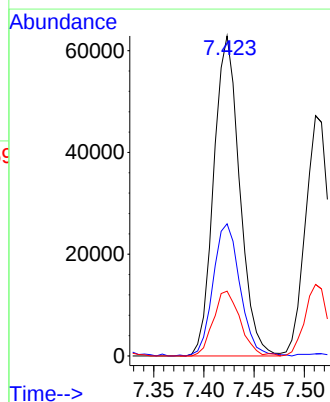
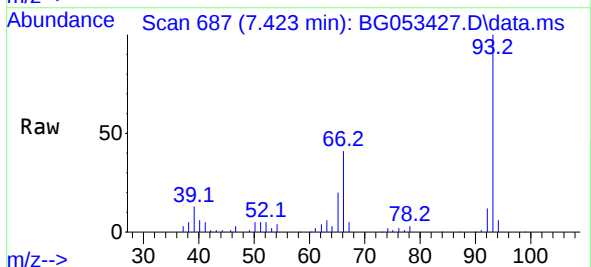
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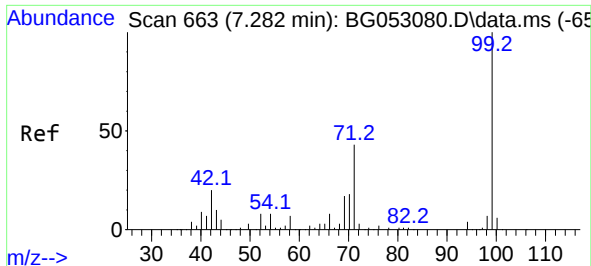
Reviewed By :Christian Giraldo 05/06/2022
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#6
Aniline
Concen: 40.963 ng
RT: 7.423 min Scan# 687
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 93 Resp: 113183
Ion Ratio Lower Upper
93 100
66 41.3 31.3 46.9
65 20.2 16.7 25.1





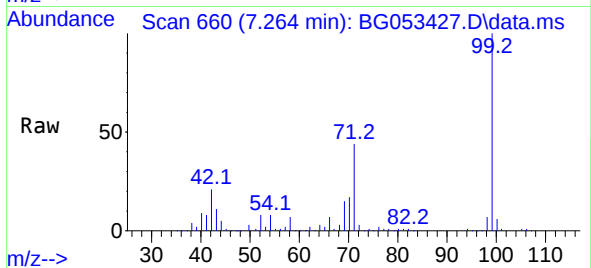
#7
Phenol-d6
Concen: 133.710 ng
RT: 7.264 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG053427.D
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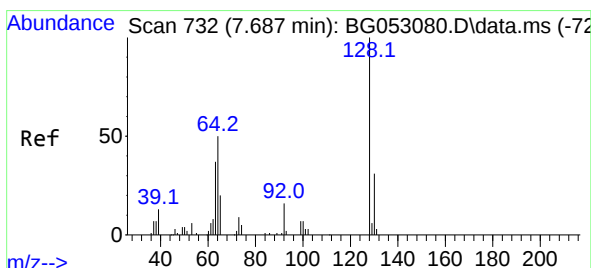
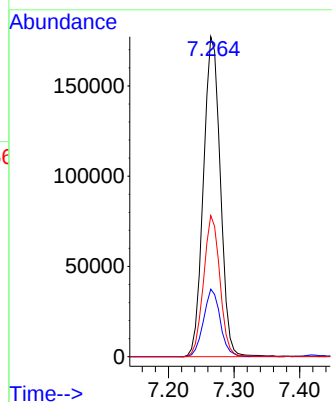
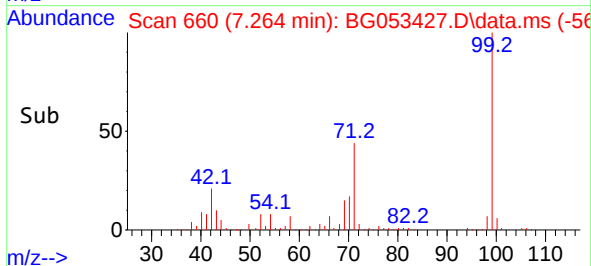


Tgt Ion: 99 Resp: 318780
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 44.1 29.2 43.8

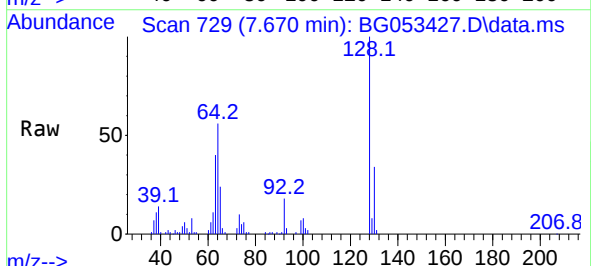
Manual Integrations

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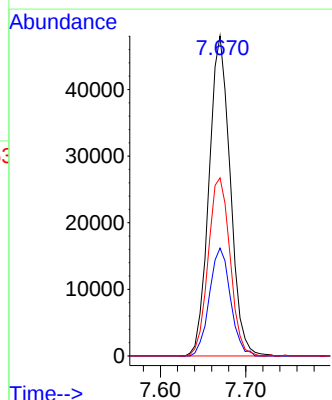
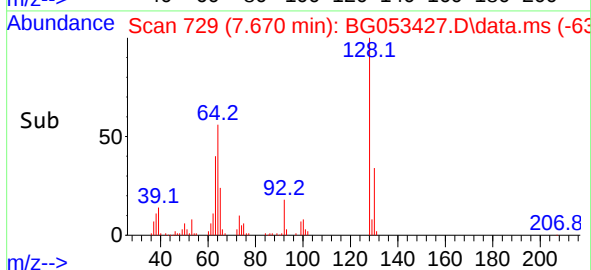
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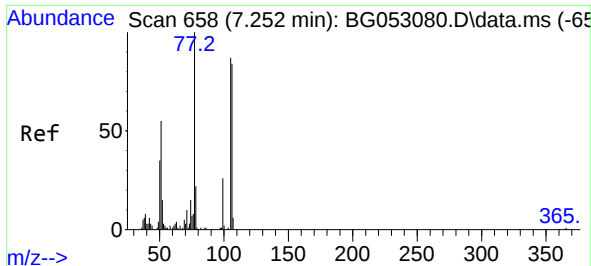


#8
2-Chlorophenol
Concen: 49.681 ng
RT: 7.670 min Scan# 729
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



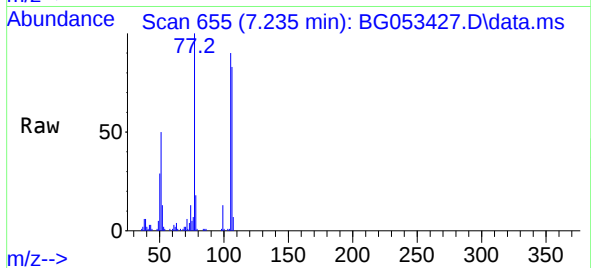
Tgt Ion:128 Resp: 82922
Ion Ratio Lower Upper
128 100
130 33.7 13.4 53.4
64 55.7 30.9 70.9





#9
Benzaldehyde
Concen: 42.633 ng m
RT: 7.235 min Scan# 658
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

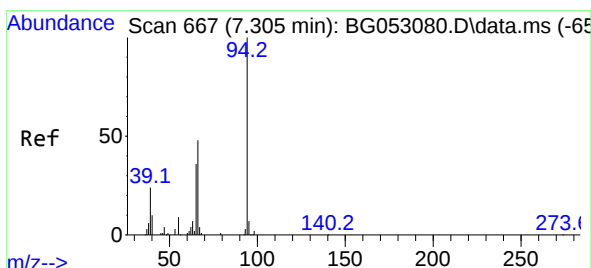
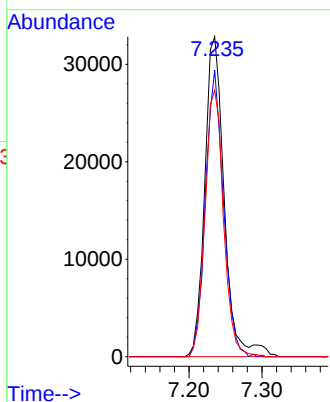
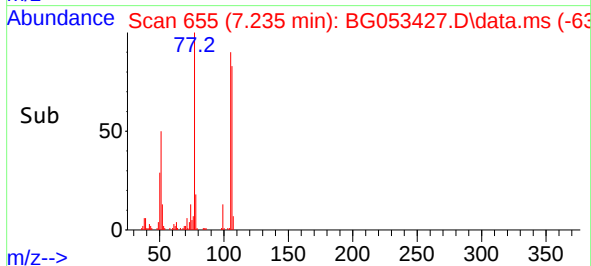
Instrument :
BNA_G
ClientSampleId :
PB144537BS



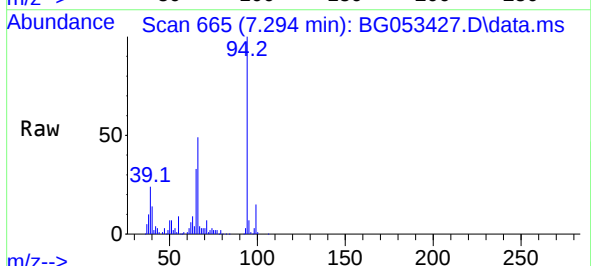
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Ion Ratio Lower Upper
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105 89.6 70.6 110.6
106 83.2 67.6 107.6

Manual Integrations
APPROVED

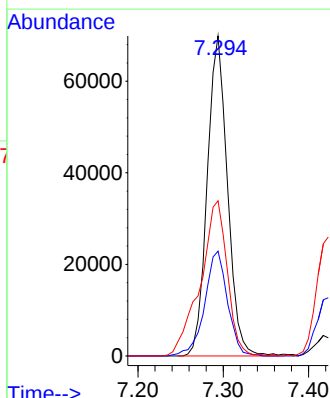
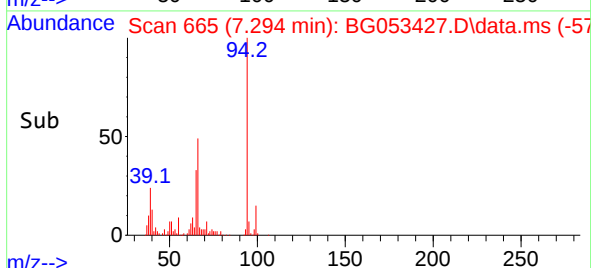
Reviewed By :Christian Giraldo 05/06/2022
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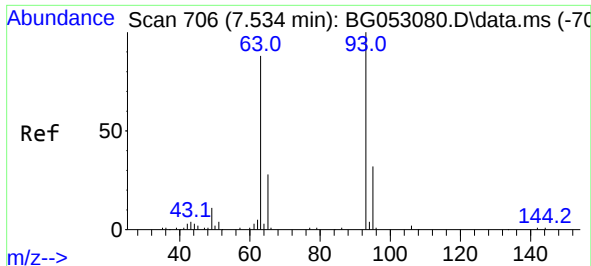


#10
Phenol
Concen: 48.575 ng
RT: 7.294 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



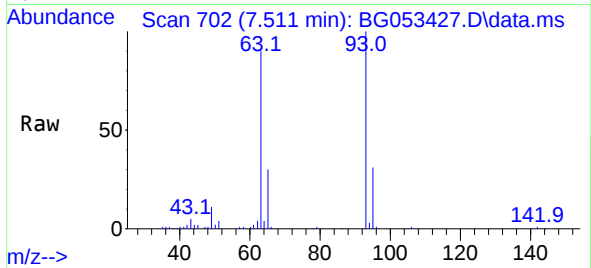
Tgt Ion: 94 Resp: 115278
Ion Ratio Lower Upper
94 100
65 32.8 11.1 51.1
66 48.5 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 46.034 ng
RT: 7.511 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

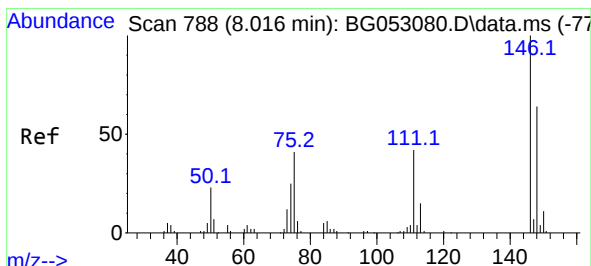
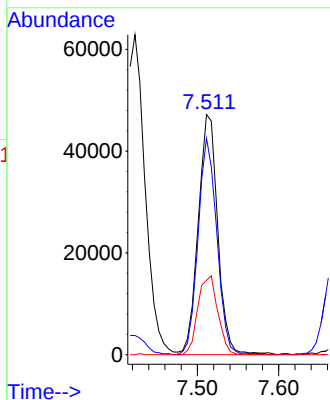
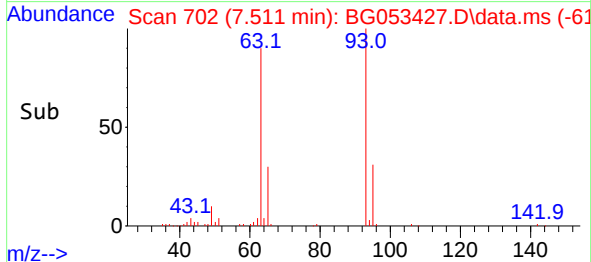
Instrument :
BNA_G
ClientSampleId :
PB144537BS



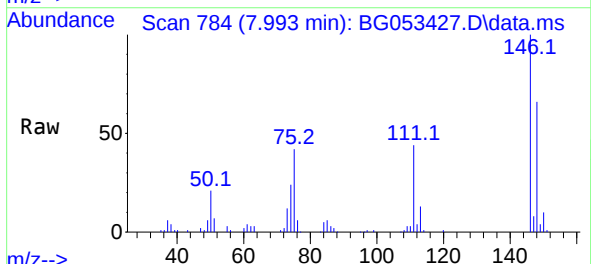
Tgt Ion: 93 Resp: 7875
Ion Ratio Lower Upper
93 100
63 90.1 56.9 96.9
95 30.9 14.5 54.5

Manual Integrations
APPROVED

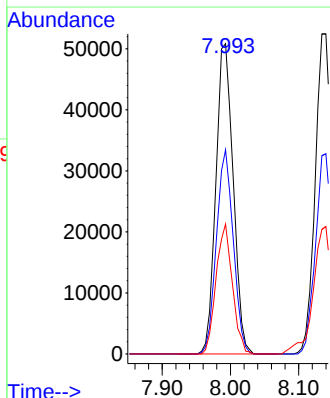
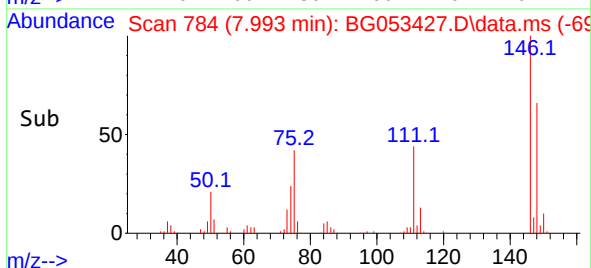
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

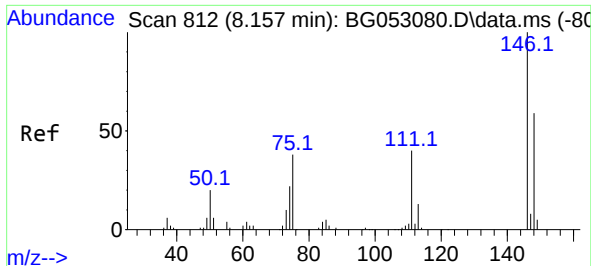


#12
1,3-Dichlorobenzene
Concen: 45.974 ng m
RT: 7.993 min Scan# 784
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



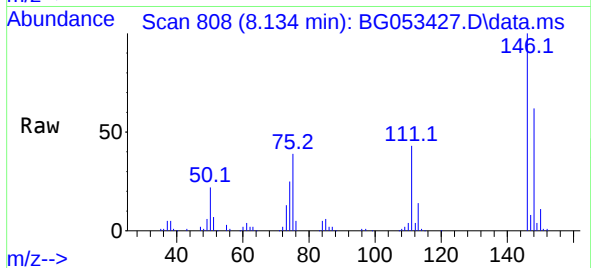
Tgt Ion:146 Resp: 89167
Ion Ratio Lower Upper
146 100
148 65.8 50.6 76.0
75 41.9 25.9 38.9#





#13
1,4-Dichlorobenzene
Concen: 46.478 ng
RT: 8.134 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

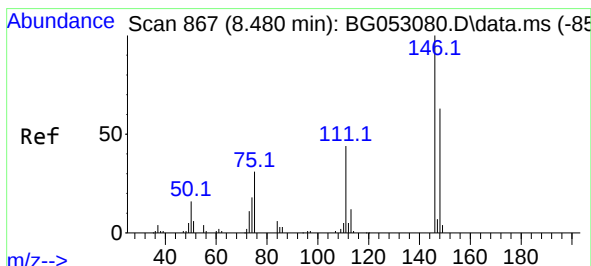
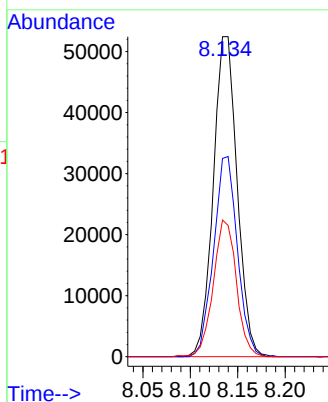
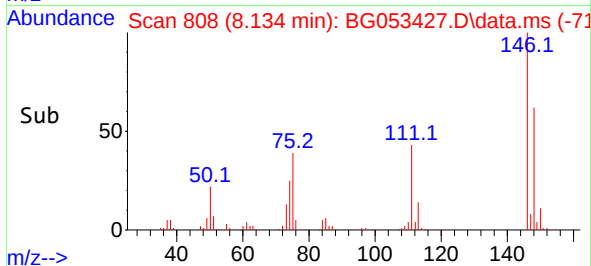
Instrument :
BNA_G
ClientSampleId :
PB144537BS



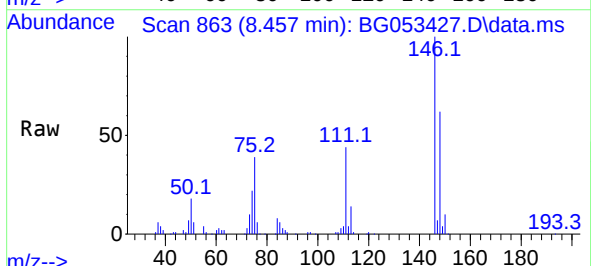
Tgt Ion:146 Resp: 91900
Ion Ratio Lower Upper
146 100
148 62.0 50.0 75.0
111 42.7 31.0 46.4

Manual Integrations
APPROVED

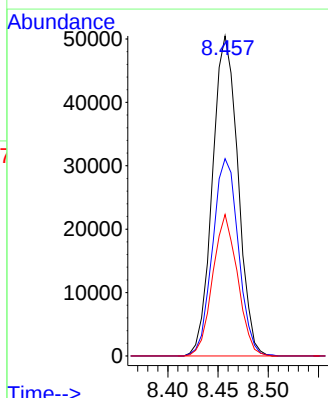
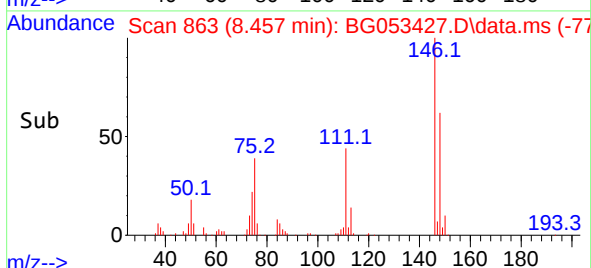
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

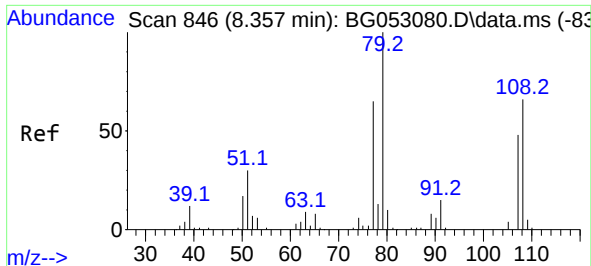


#14
1,2-Dichlorobenzene
Concen: 46.806 ng
RT: 8.457 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:146 Resp: 89247
Ion Ratio Lower Upper
146 100
148 61.6 51.0 76.6
111 44.2 34.7 52.1





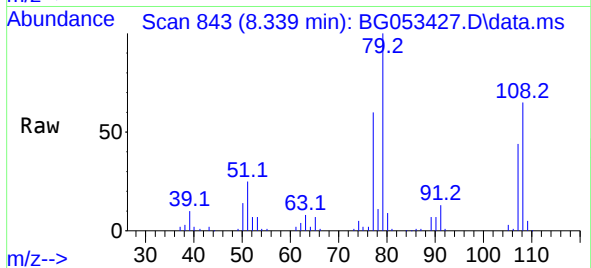
#15
Benzyl Alcohol
Concen: 45.314 ng m
RT: 8.339 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

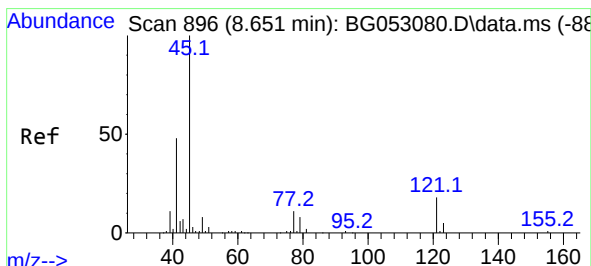
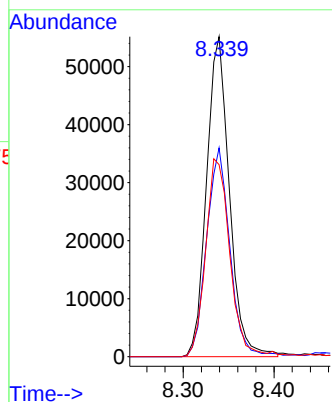
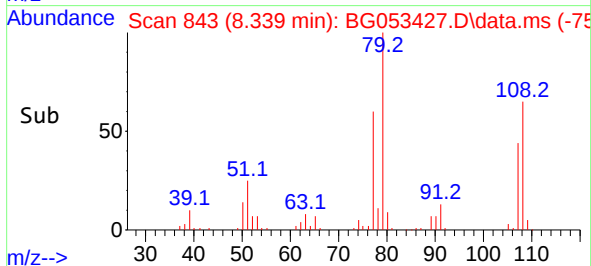


Tgt Ion: 79 Resp: 96028
Ion Ratio Lower Upper
79 100
108 65.3 55.1 82.7
77 60.0 52.4 78.6

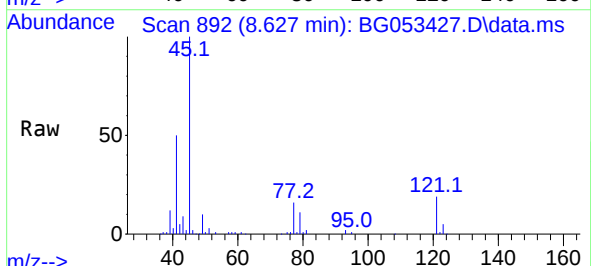
Manual Integrations

APPROVED

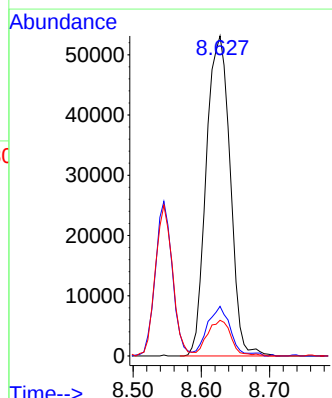
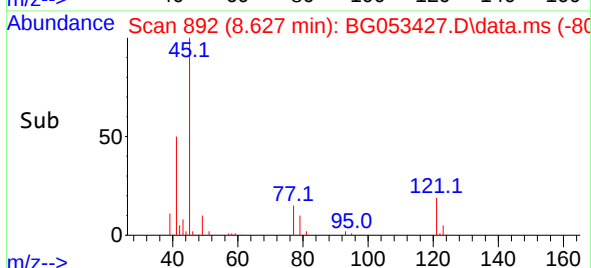
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

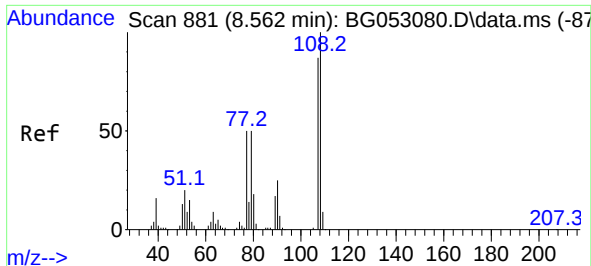


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.250 ng
RT: 8.627 min Scan# 892
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



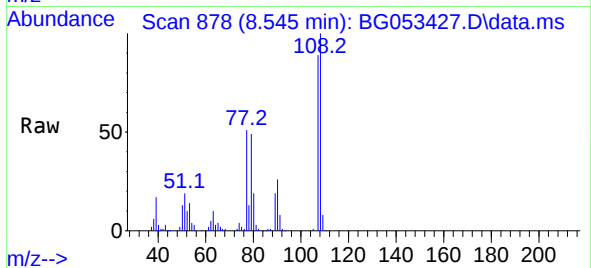
Tgt Ion: 45 Resp: 129238
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.9
79 11.2 0.0 30.7





#17
2-Methylphenol
Concen: 48.950 ng
RT: 8.545 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

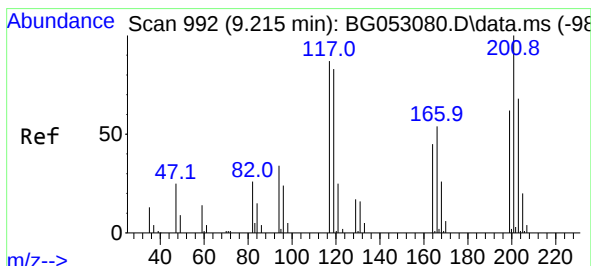
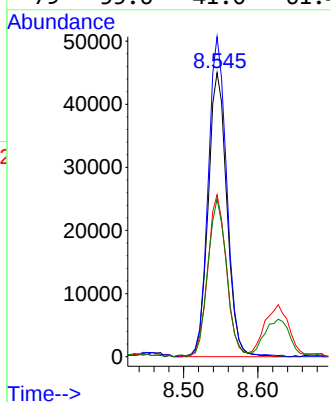
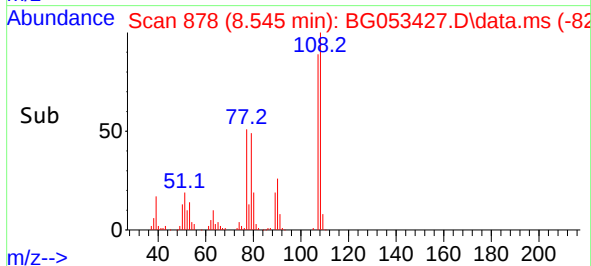
Instrument :
BNA_G
ClientSampleId :
PB144537BS



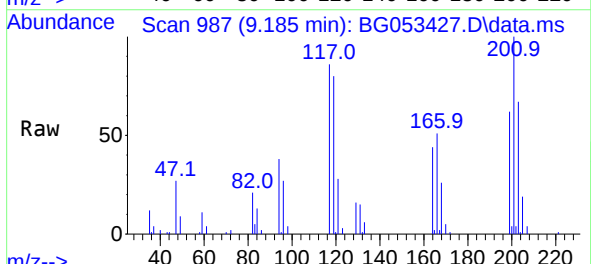
Tgt Ion:	107	Resp:	78610
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.5	137.3
77	57.0	42.5	63.7
79	55.6	41.0	61.4

Manual Integrations
APPROVED

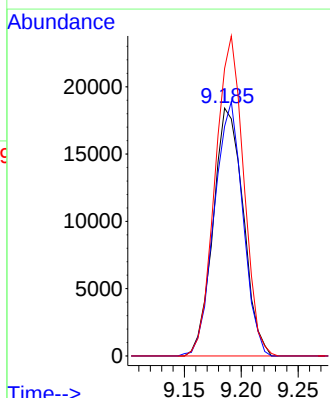
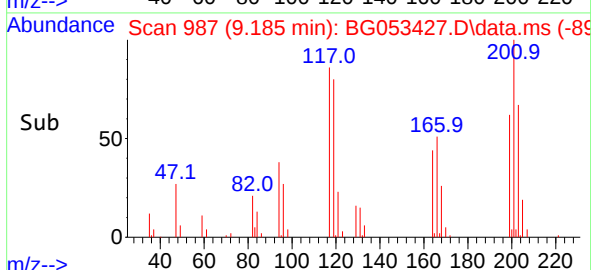
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#18
Hexachloroethane
Concen: 45.548 ng
RT: 9.185 min Scan# 987
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



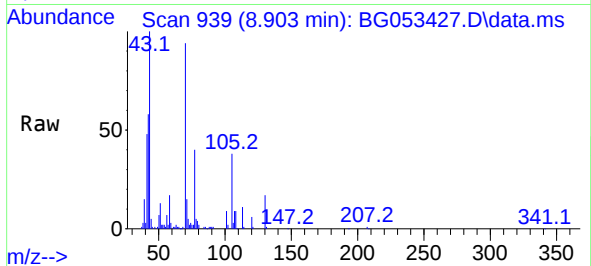
Tgt Ion:	117	Resp:	33773
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.1	112.7
201	116.0	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.304 ng
RT: 8.903 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

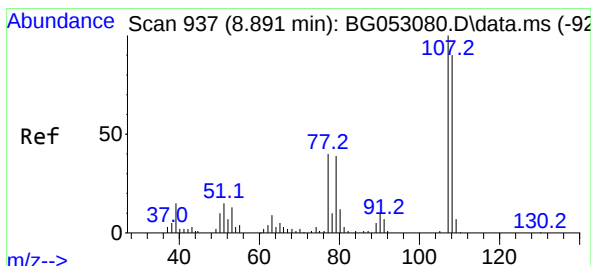
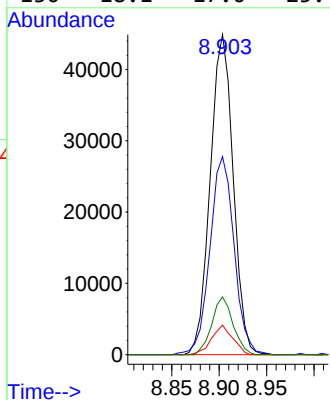
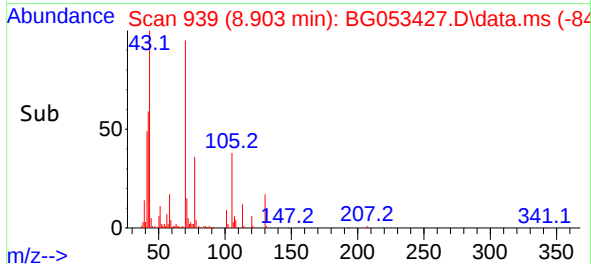
Instrument :
BNA_G
ClientSampleId :
PB144537BS



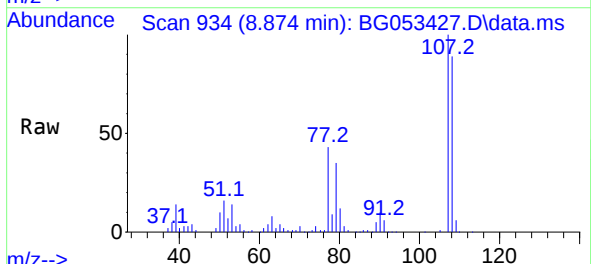
Tgt Ion: 70 Resp: 7558
Ion Ratio Lower Upper
70 100
42 61.9 46.0 69.0
101 9.3 6.2 9.4
130 18.1 17.0 25.4

Manual Integrations
APPROVED

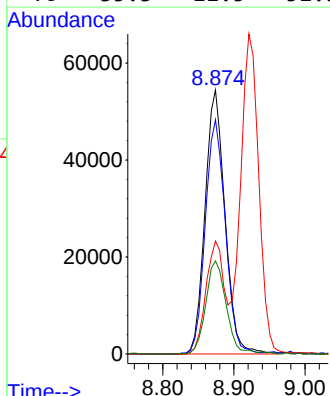
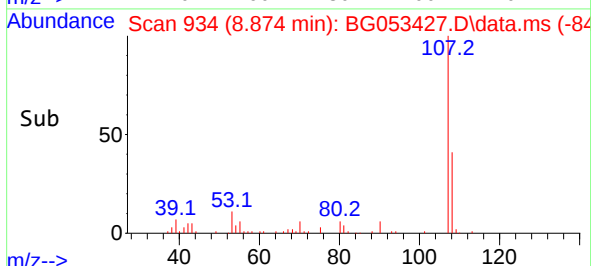
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

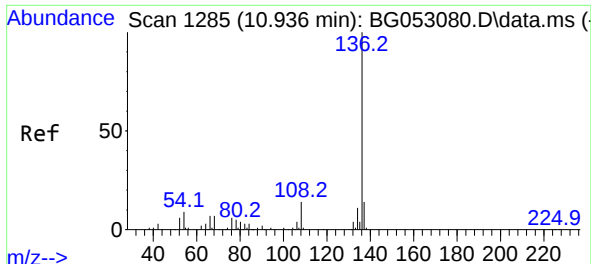


#20
3+4-Methylphenols
Concen: 46.924 ng
RT: 8.874 min Scan# 934
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:107 Resp: 106378
Ion Ratio Lower Upper
107 100
108 88.7 64.8 104.8
77 42.8 15.9 55.9
79 35.3 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 108180
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

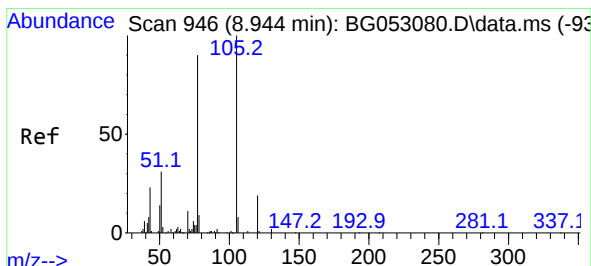
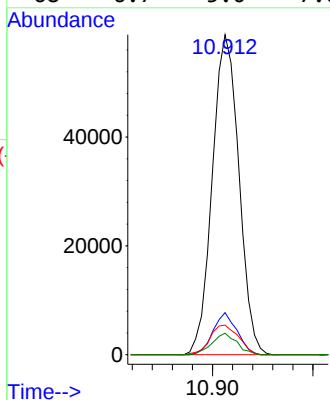
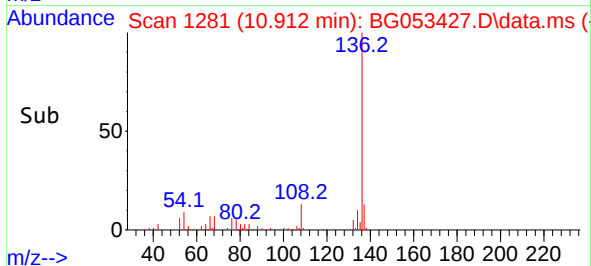
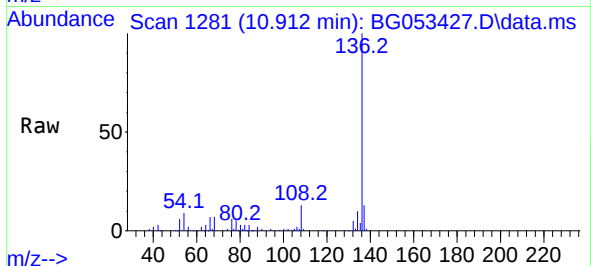
PB144537BS

Tgt Ion:	136	Resp:	108180
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.4	14.2
54	9.2	6.4	9.6
68	6.7	5.0	7.6

Manual Integrations

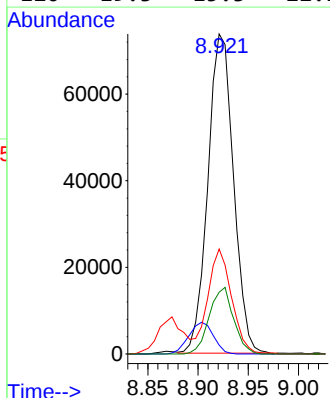
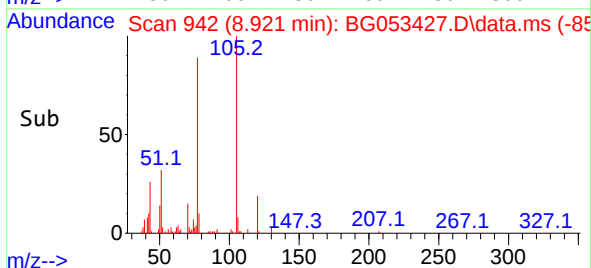
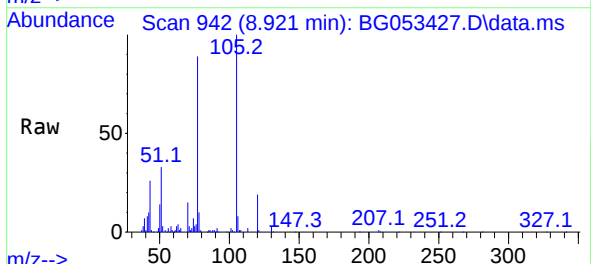
APPROVED

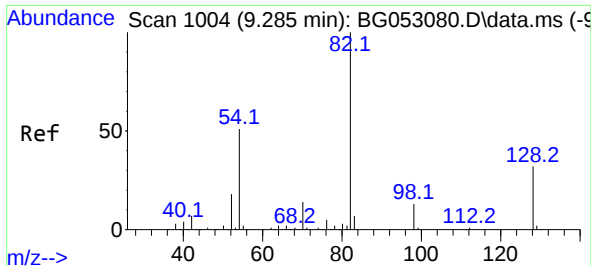
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#22
Acetophenone
Concen: 43.564 ng
RT: 8.921 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

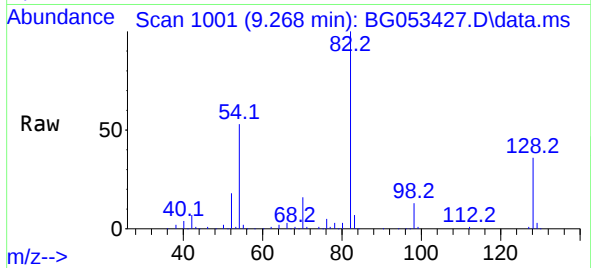
Tgt Ion:	105	Resp:	130746
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.1	3.1
51	32.8	21.9	32.9
120	19.3	15.3	22.9





#23
Nitrobenzene-d5
Concen: 81.211 ng
RT: 9.268 min Scan# 1004
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

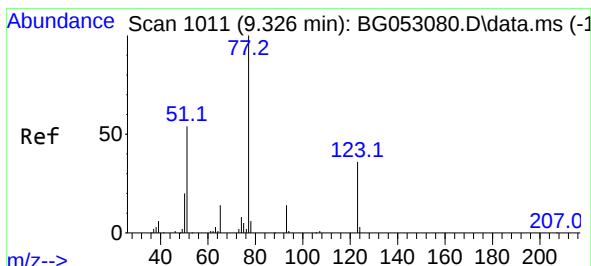
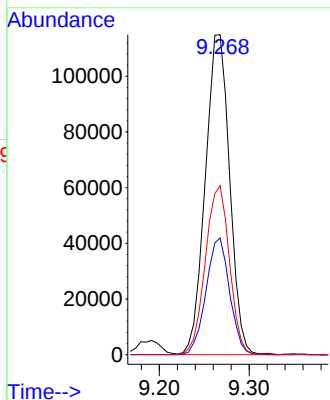
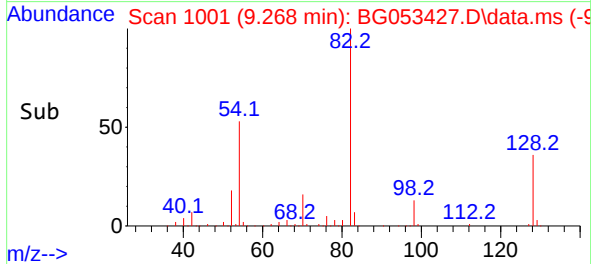
Instrument :
BNA_G
ClientSampleId :
PB144537BS



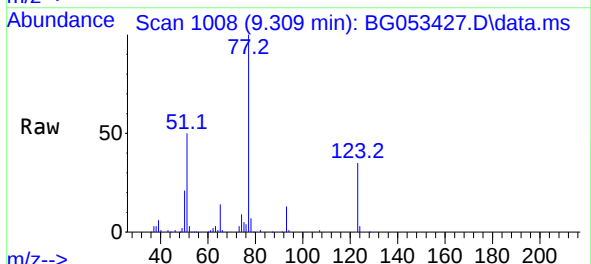
Tgt Ion: 82 Resp: 216372
Ion Ratio Lower Upper
82 100
128 36.5 31.3 46.9
54 52.8 37.8 56.8

Manual Integrations
APPROVED

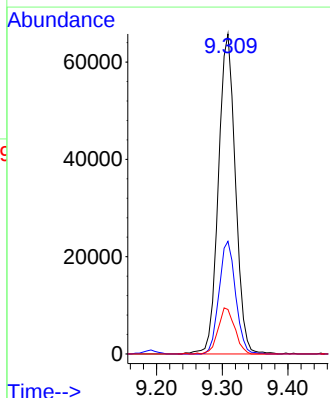
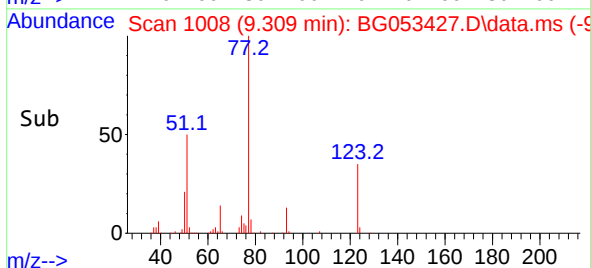
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

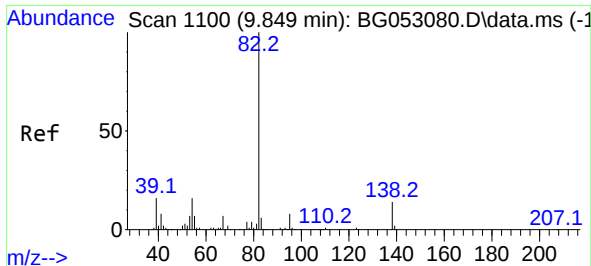


#24
Nitrobenzene
Concen: 45.444 ng
RT: 9.309 min Scan# 1008
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



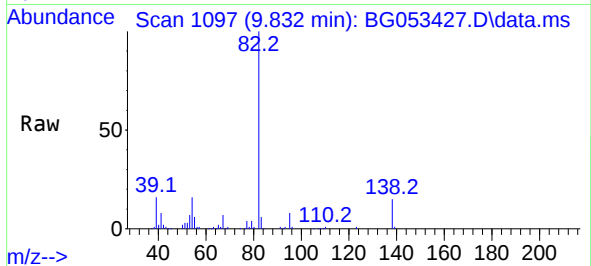
Tgt Ion: 77 Resp: 117767
Ion Ratio Lower Upper
77 100
123 35.2 34.4 51.6
65 13.9 11.2 16.8





#25
Isophorone
Concen: 45.520 ng
RT: 9.832 min Scan# 1097
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

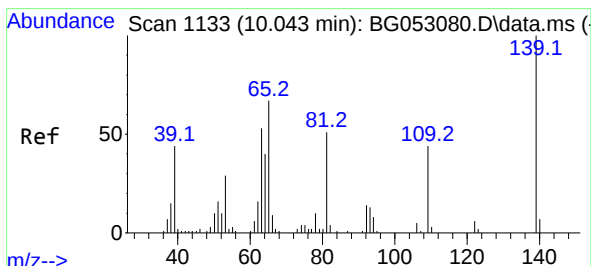
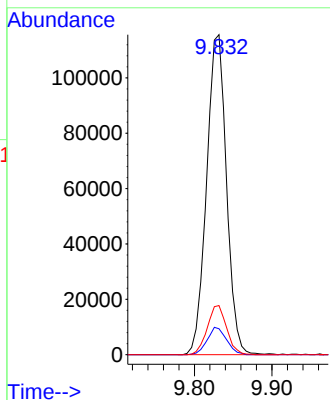
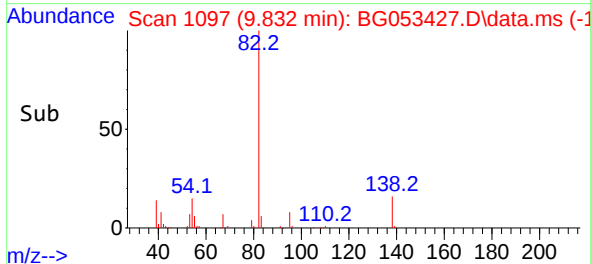
Instrument :
BNA_G
ClientSampleId :
PB144537BS



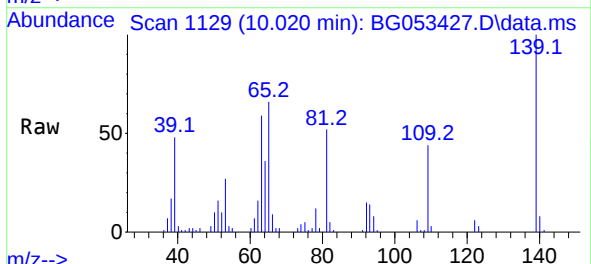
Tgt Ion: 82 Resp: 206140
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.6
138 15.3 12.6 18.8

Manual Integrations
APPROVED

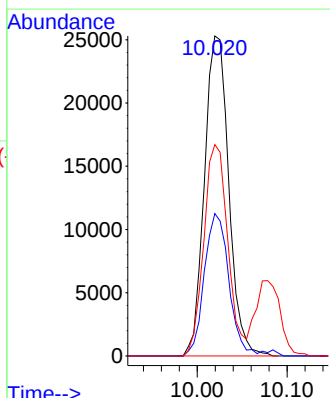
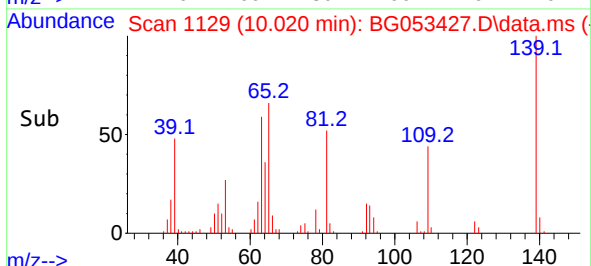
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

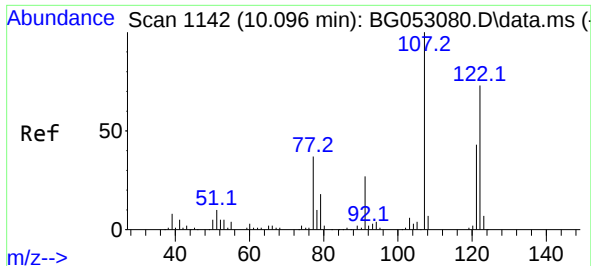


#26
2-Nitrophenol
Concen: 43.928 ng
RT: 10.020 min Scan# 1129
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:139 Resp: 47603
Ion Ratio Lower Upper
139 100
109 44.5 29.4 44.0#
65 66.1 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 52.302 ng
RT: 10.078 min Scan# 1117
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

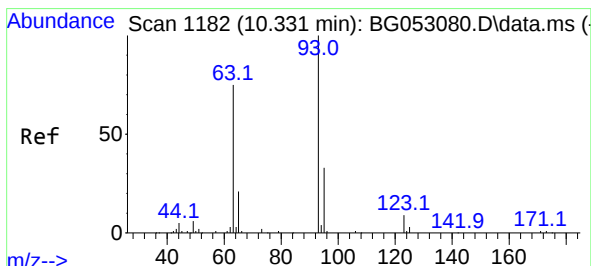
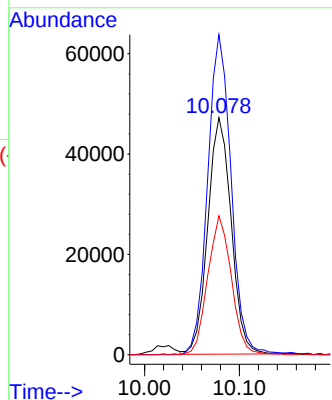
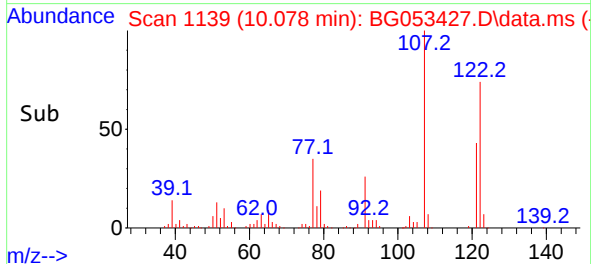
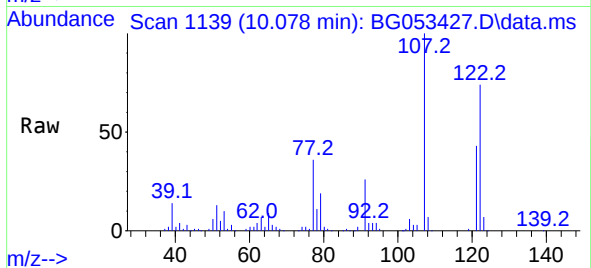
PB144537BS

Tgt Ion:122 Resp: 81172
Ion Ratio Lower Upper
122 100
107 135.0 96.7 145.1
121 58.6 46.3 69.5

Manual Integrations

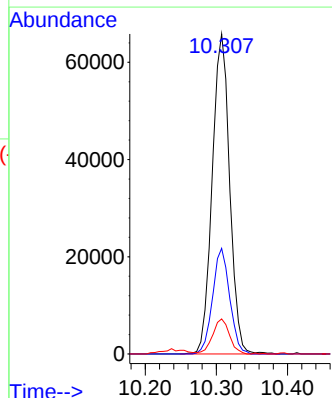
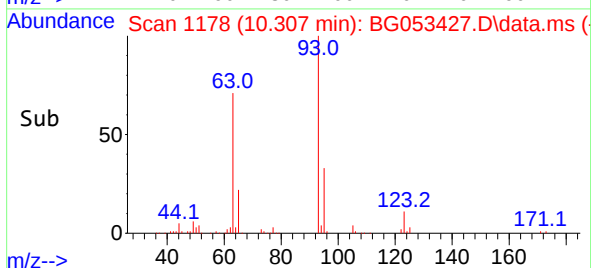
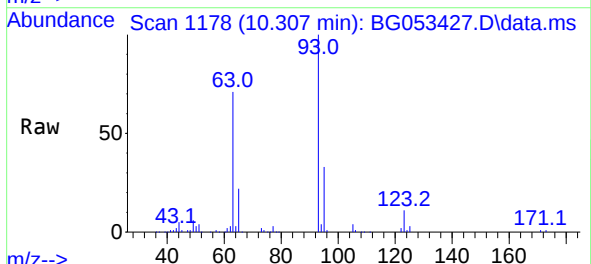
APPROVED

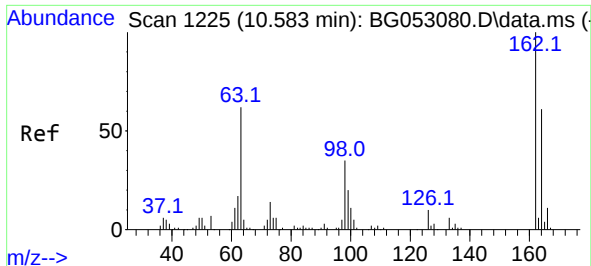
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.112 ng
RT: 10.307 min Scan# 1178
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion: 93 Resp: 112227
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 10.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 45.033 ng

RT: 10.566 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

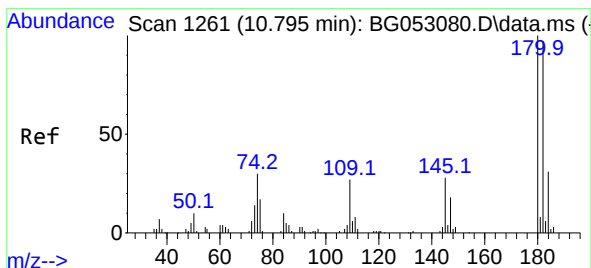
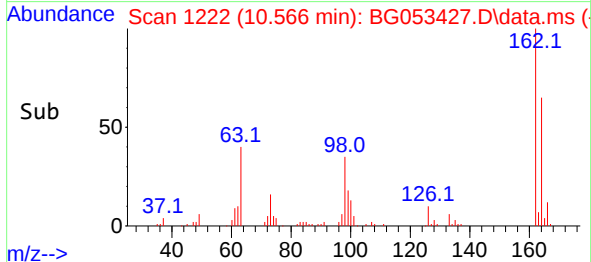
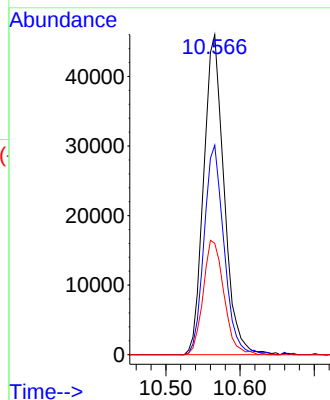
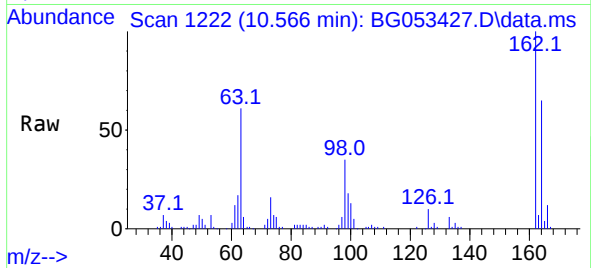
PB144537BS

Tgt Ion:162	Resp:	87862
Ion Ratio	Lower	Upper
162	100	
164	65.5	44.0 84.0
98	34.8	17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.646 ng

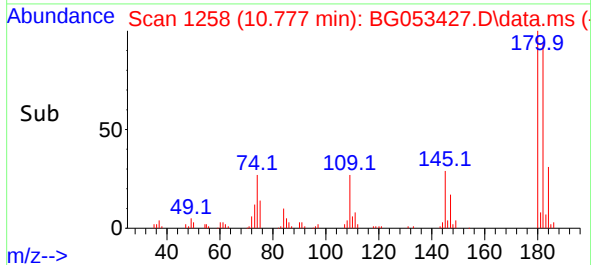
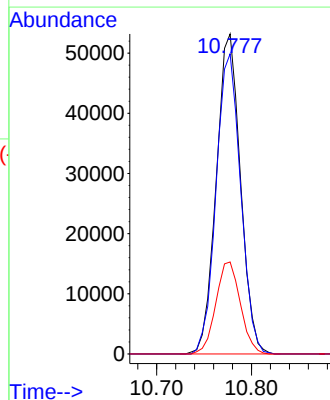
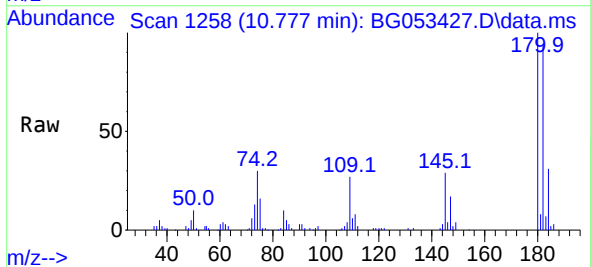
RT: 10.777 min Scan# 1258

Delta R.T. 0.002 min

Lab File: BG053427.D

Acq: 4 May 2022 12:17

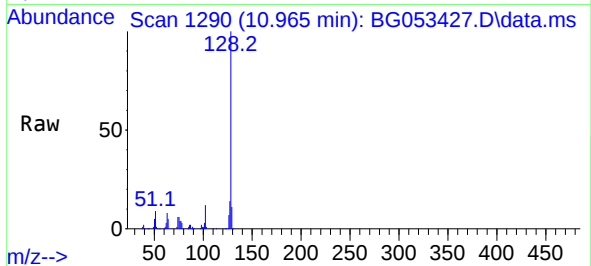
Tgt Ion:180	Resp:	94172
Ion Ratio	Lower	Upper
180	100	
182	93.8	77.8 116.6
145	28.8	24.4 36.6





#31
Naphthalene
Concen: 43.812 ng
RT: 10.965 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

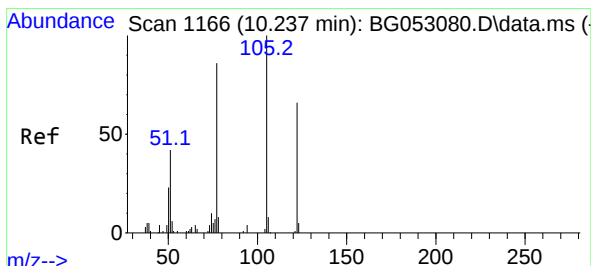
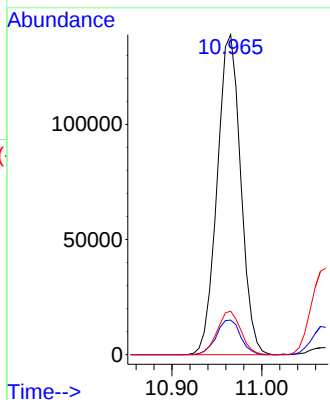
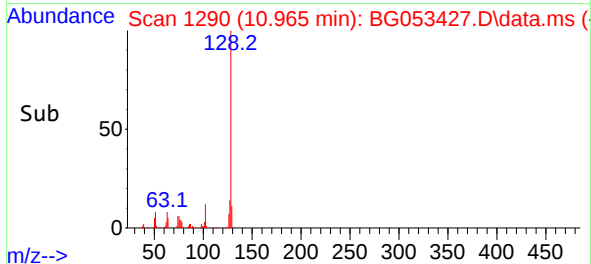
Instrument :
BNA_G
ClientSampleId :
PB144537BS



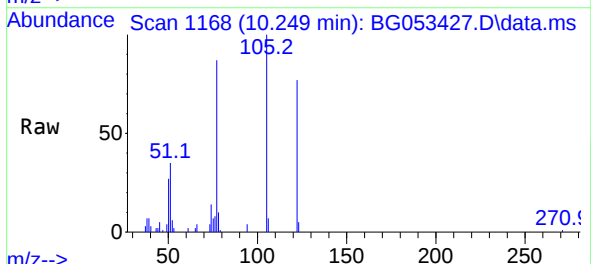
Tgt Ion:128 Resp: 252860
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 10.5 15.7

Manual Integrations
APPROVED

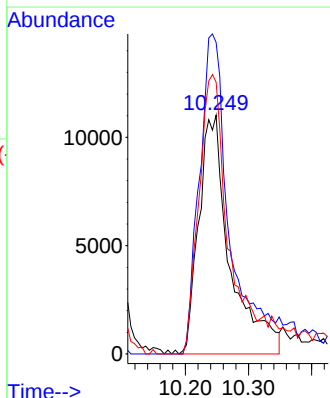
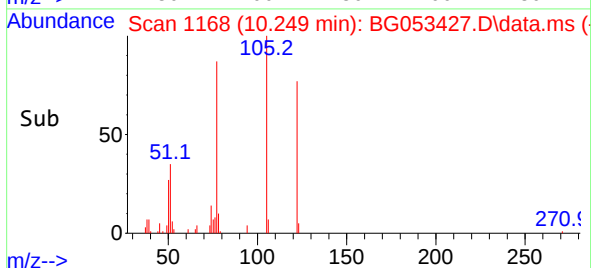
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

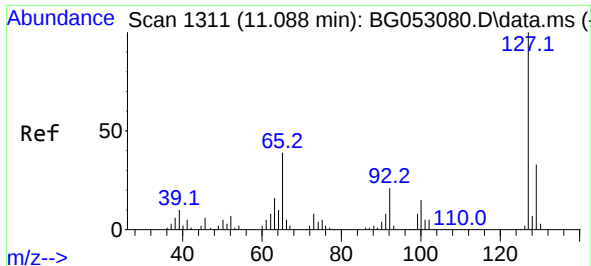


#32
Benzoic acid
Concen: 38.223 ng m
RT: 10.249 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:122 Resp: 37800
Ion Ratio Lower Upper
122 100
105 130.5 112.8 152.8
77 113.9 78.4 118.4





#33
4-Chloroaniline
Concen: 31.664 ng
RT: 11.071 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

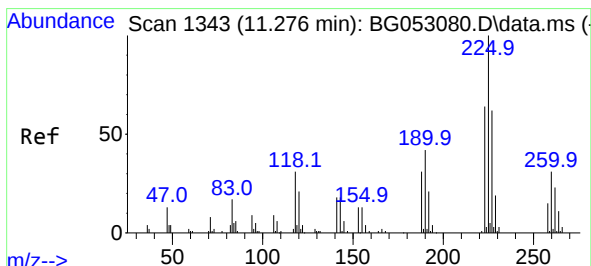
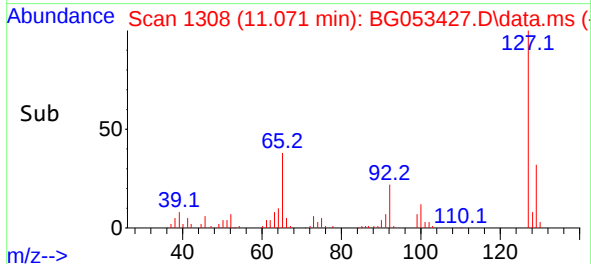
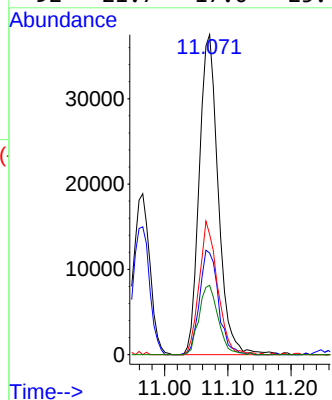
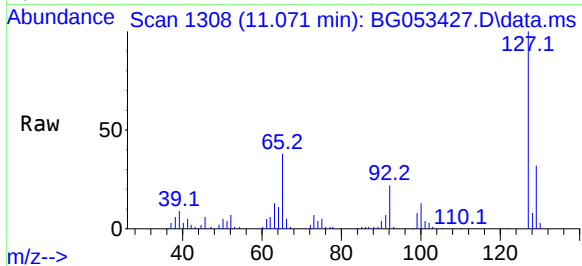
PB144537BS

Tgt Ion:127 Resp: 7826
Ion Ratio Lower Upper
127 100
129 31.7 27.6 41.4
65 37.6 28.2 42.4
92 21.7 17.0 25.4

Manual Integrations

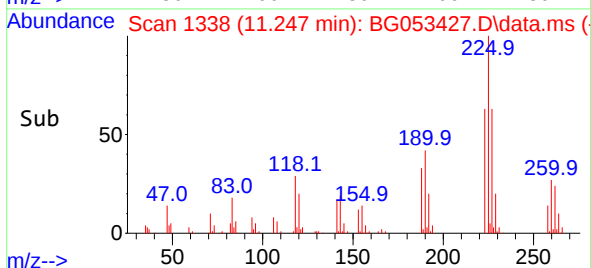
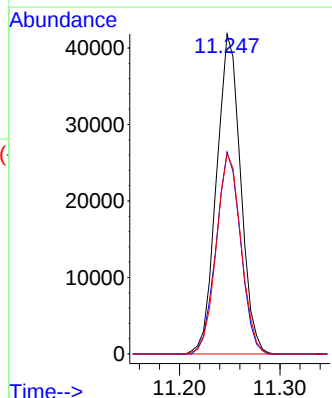
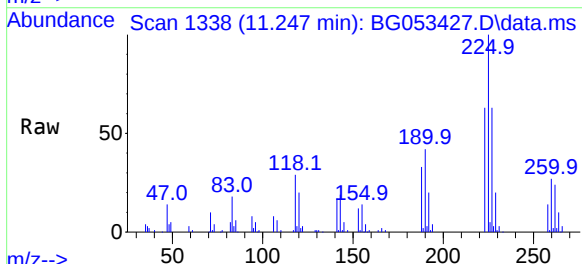
APPROVED

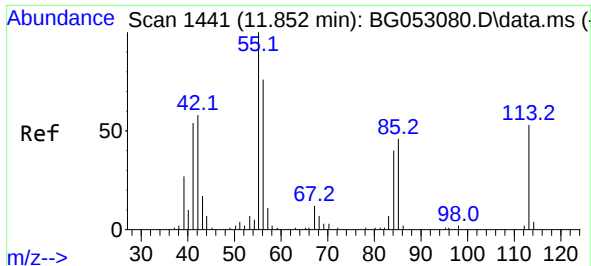
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#34
Hexachlorobutadiene
Concen: 42.415 ng
RT: 11.247 min Scan# 1338
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

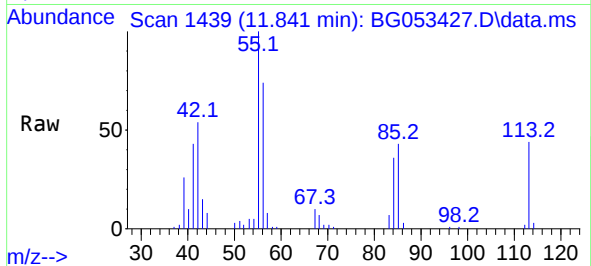
Tgt Ion:225 Resp: 69575
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.2
227 62.5 52.0 78.0





#35
Caprolactam
Concen: 40.979 ng m
RT: 11.841 min Scan# 1441
Delta R.T. -0.010 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

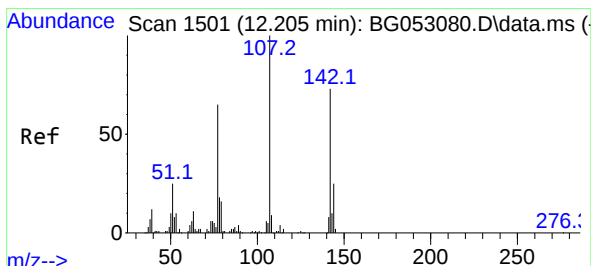
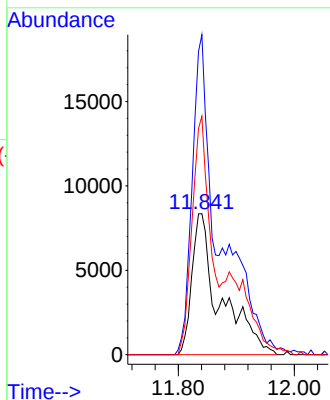
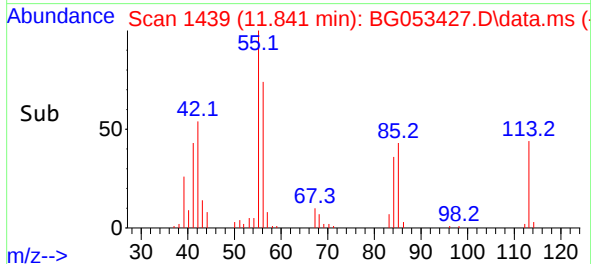
Instrument :
BNA_G
ClientSampleId :
PB144537BS



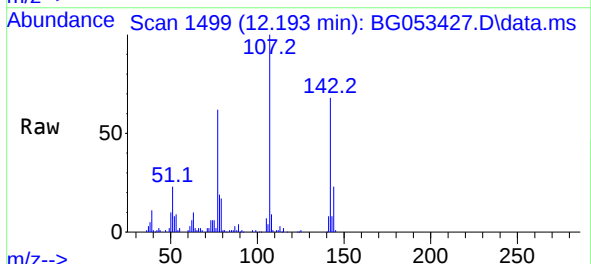
Tgt Ion:113 Resp: 2818
Ion Ratio Lower Upper
113 100
55 227.1 151.3 191.3
56 169.2 128.5 168.5

Manual Integrations
APPROVED

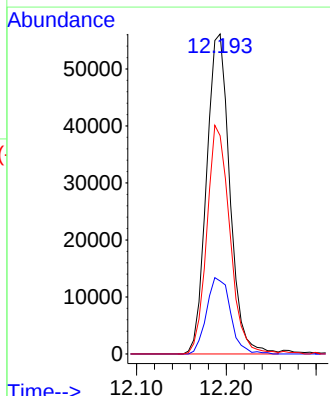
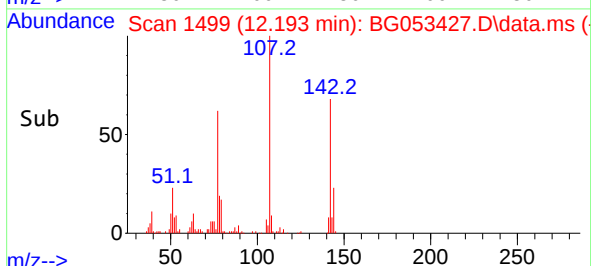
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

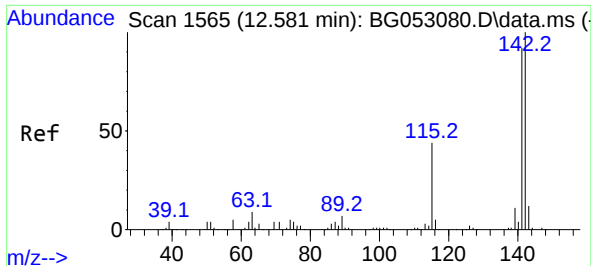


#36
4-Chloro-3-methylphenol
Concen: 44.387 ng
RT: 12.193 min Scan# 1499
Delta R.T. 0.008 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:107 Resp: 100823
Ion Ratio Lower Upper
107 100
144 22.8 21.4 32.0
142 68.2 61.7 92.5





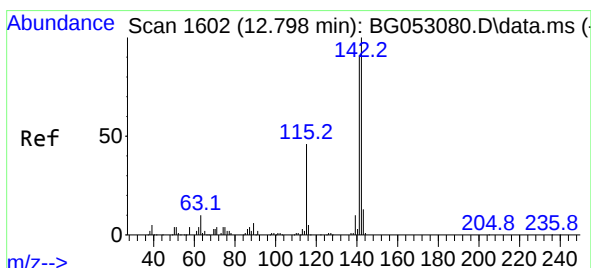
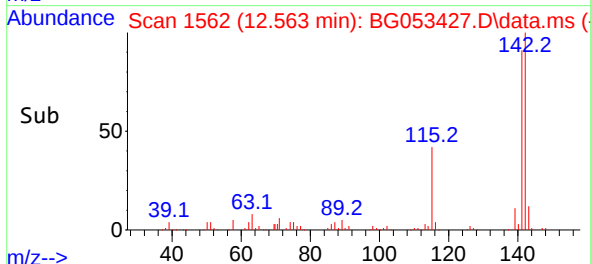
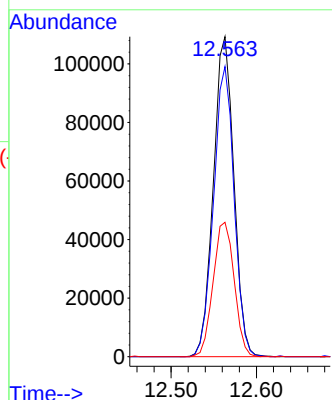
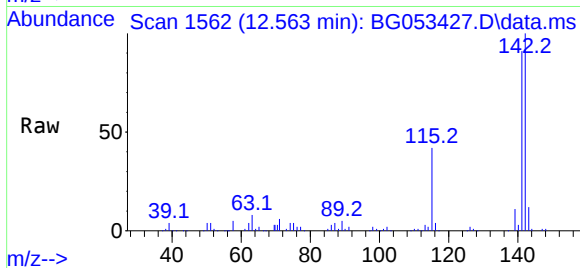
#37
2-Methylnaphthalene
Concen: 42.737 ng
RT: 12.563 min Scan# 1598
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :
BNA_G
ClientSampleId :
PB144537BS

Tgt Ion:142 Resp: 182510
Ion Ratio Lower Upper
142 100
141 90.7 71.3 106.9
115 42.0 29.5 44.3

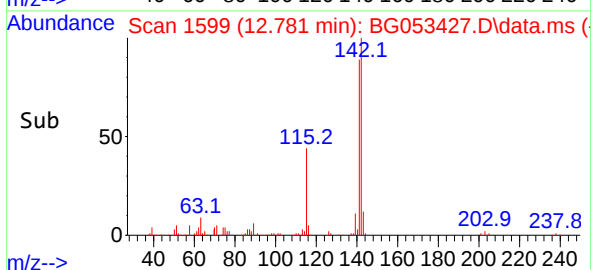
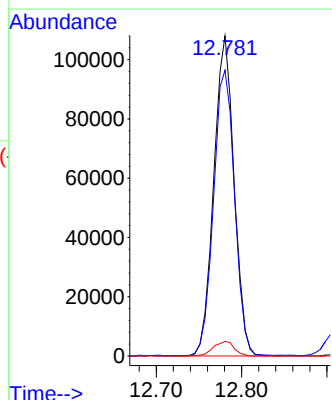
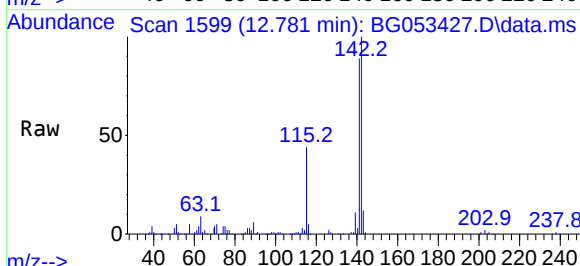
Manual Integrations
APPROVED

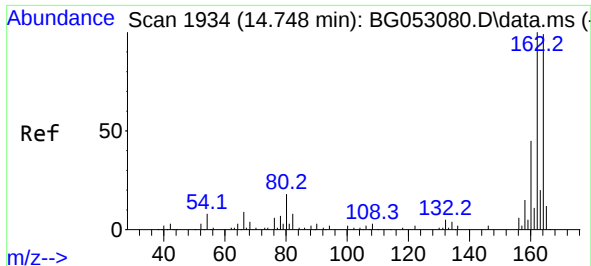
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#38
1-Methylnaphthalene
Concen: 42.747 ng
RT: 12.781 min Scan# 1599
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:142 Resp: 178200
Ion Ratio Lower Upper
142 100
141 89.3 70.5 105.7
116 4.5 3.1 4.7





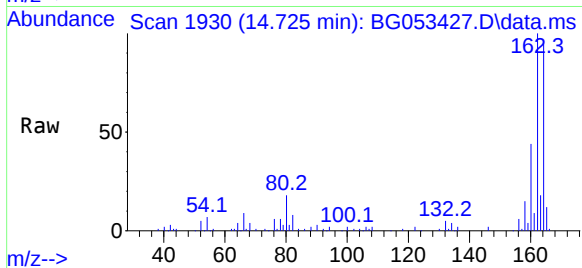
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1934
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

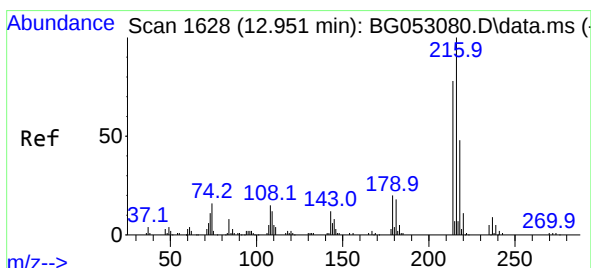
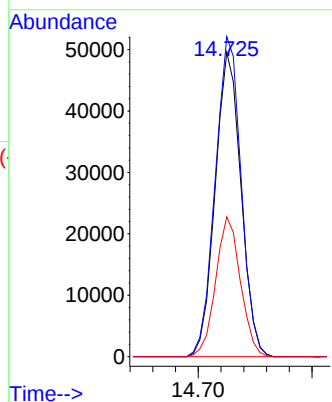
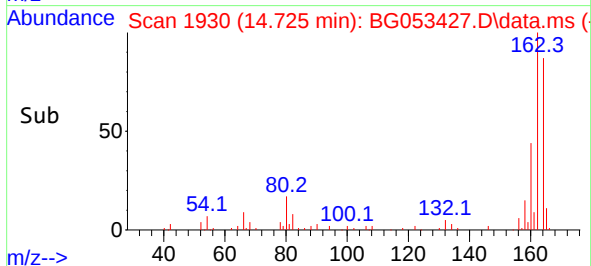


Tgt Ion:164 Resp: 7793
Ion Ratio Lower Upper
164 100
162 105.1 80.0 120.0
160 45.9 38.8 58.2

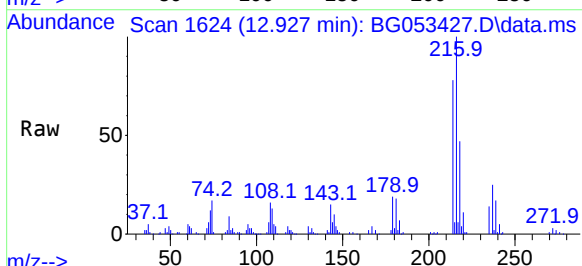
Manual Integrations

APPROVED

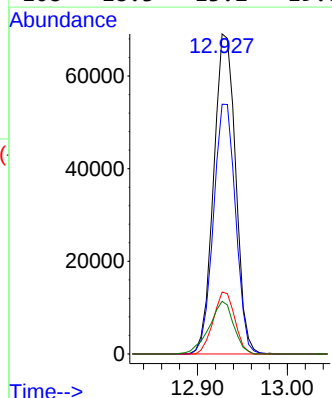
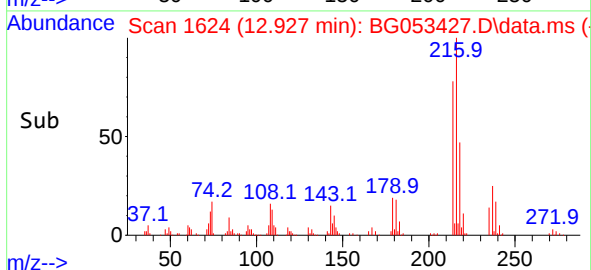
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

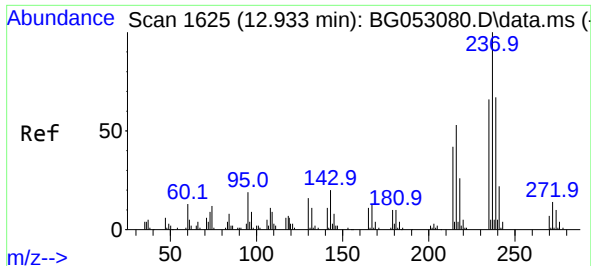


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.397 ng
RT: 12.927 min Scan# 1624
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



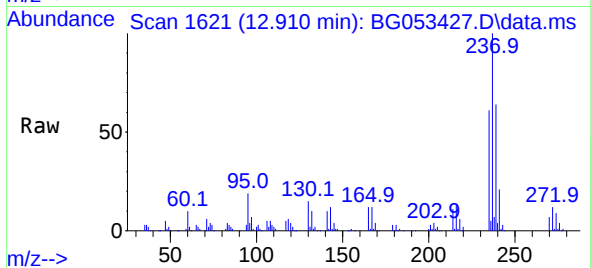
Tgt Ion:216 Resp: 117510
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.6
179 18.8 15.7 23.5
108 18.3 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 91.574 ng
RT: 12.910 min Scan# 1621
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

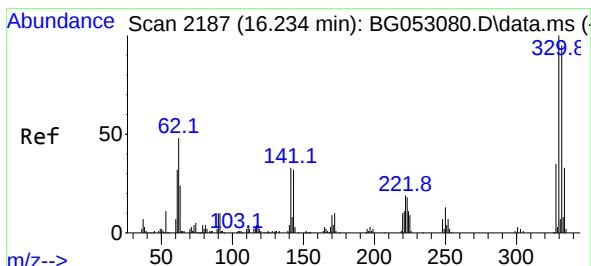
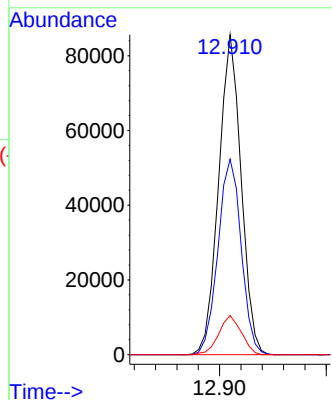
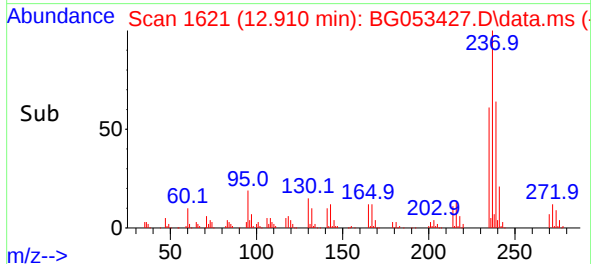
Instrument :
BNA_G
ClientSampleId :
PB144537BS



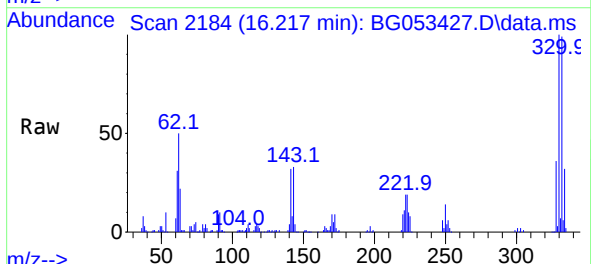
Tgt Ion: 237 Resp: 12512
Ion Ratio Lower Upper
237 100
235 61.1 37.7 77.7
272 12.3 0.0 30.7

Manual Integrations
APPROVED

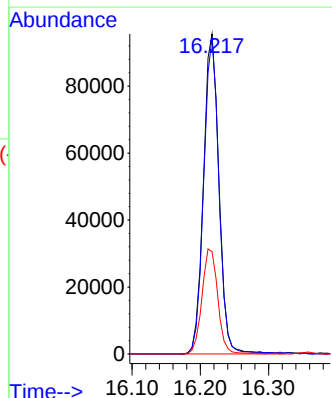
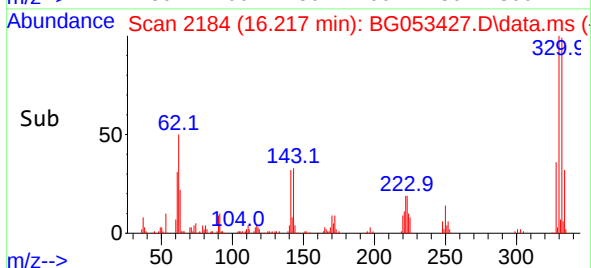
Reviewed By : Christian Giraldo 05/06/2022
Supervised By : mohammad ahmed 05/09/2022



#42
2,4,6-Tribromophenol
Concen: 121.548 ng
RT: 16.217 min Scan# 2184
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion: 330 Resp: 150701
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 33.6 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 43.032 ng
RT: 13.168 min Scan# 1665
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

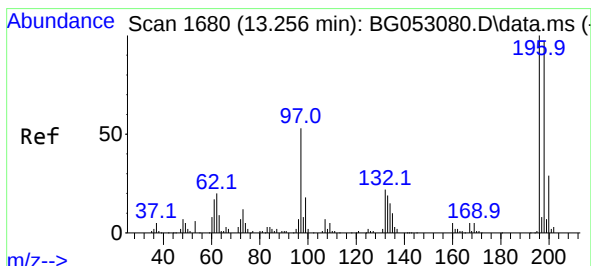
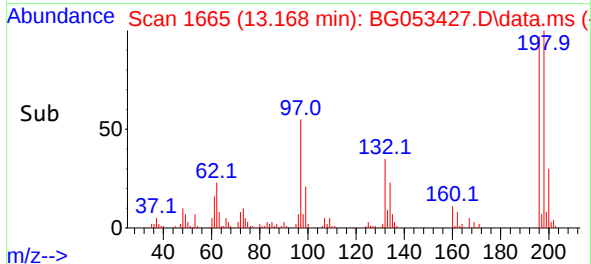
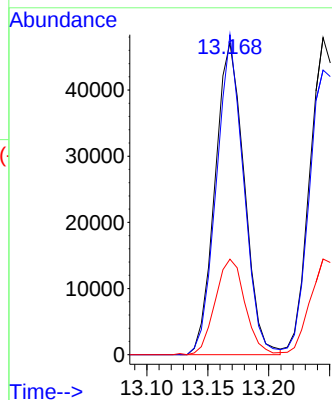
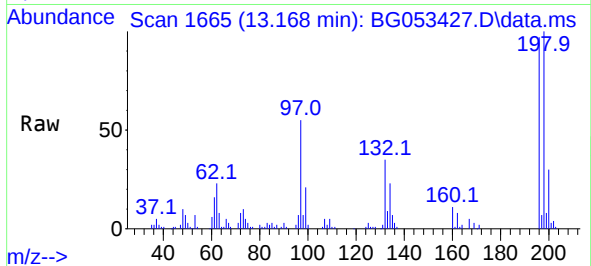
PB144537BS

Tgt Ion:196 Resp: 78529
Ion Ratio Lower Upper
196 100
198 102.6 78.8 118.2
200 30.6 25.1 37.7

Manual Integrations

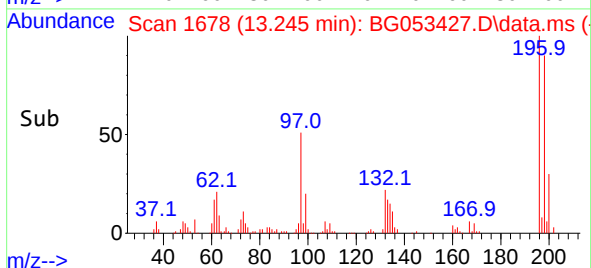
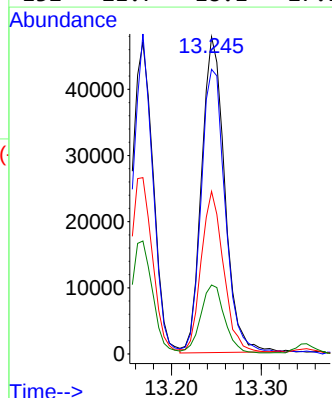
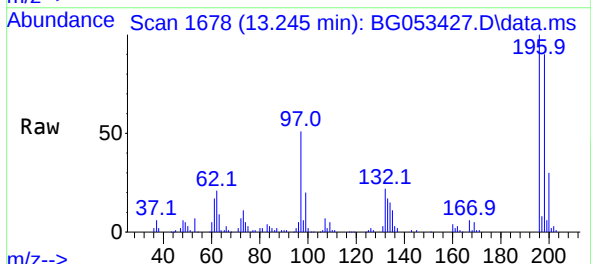
APPROVED

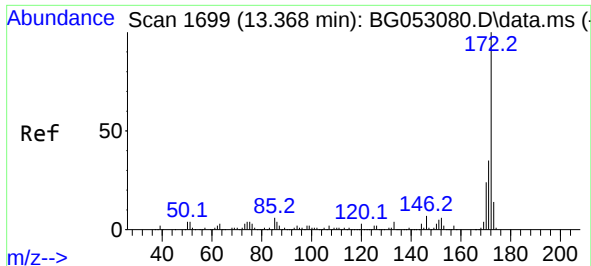
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#44
2,4,5-Trichlorophenol
Concen: 44.015 ng
RT: 13.245 min Scan# 1678
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:196 Resp: 85594
Ion Ratio Lower Upper
196 100
198 89.7 75.8 113.6
97 51.3 36.5 54.7
132 21.7 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 82.862 ng
RT: 13.350 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

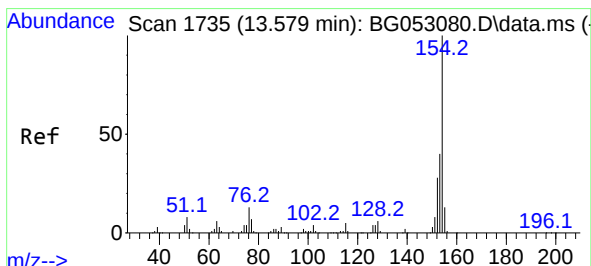
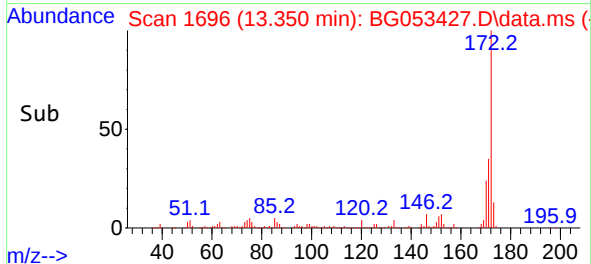
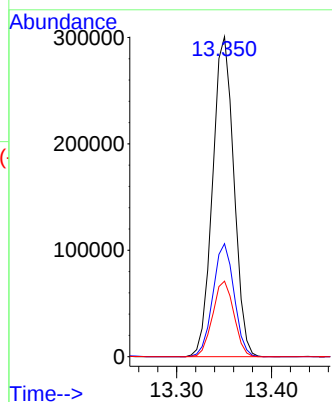
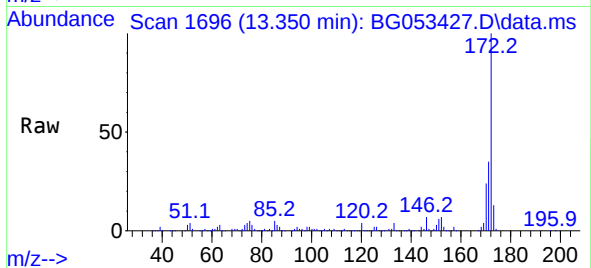
PB144537BS

Tgt Ion:172 Resp: 468305
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 18.0 27.0

Manual Integrations

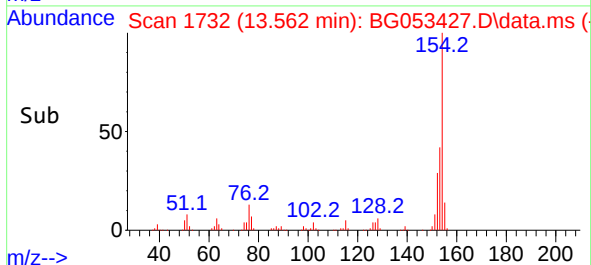
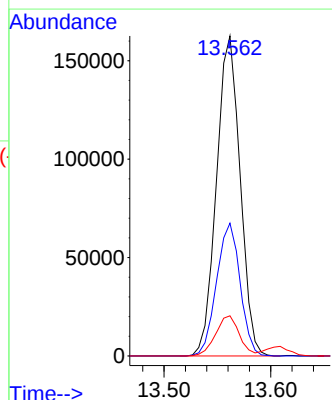
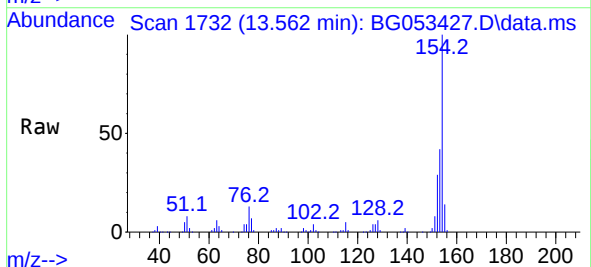
APPROVED

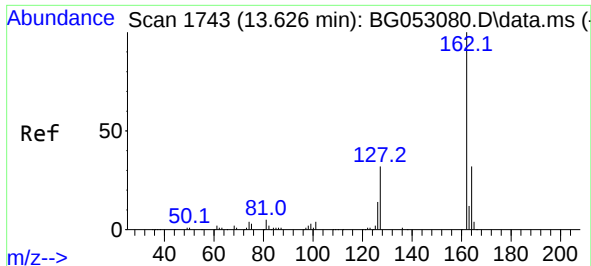
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#46
1,1'-Biphenyl
Concen: 44.512 ng
RT: 13.562 min Scan# 1732
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

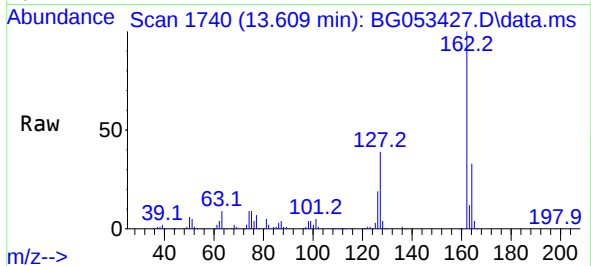
Tgt Ion:154 Resp: 249805
Ion Ratio Lower Upper
154 100
153 41.5 21.6 61.6
76 12.6 0.0 31.5





#47
2-Chloronaphthalene
Concen: 44.055 ng
RT: 13.609 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

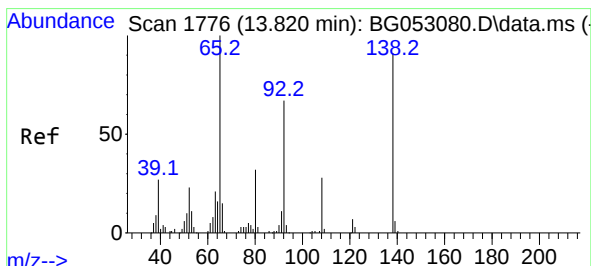
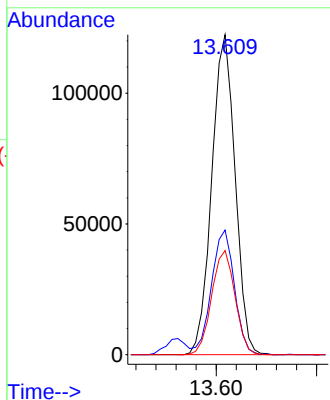
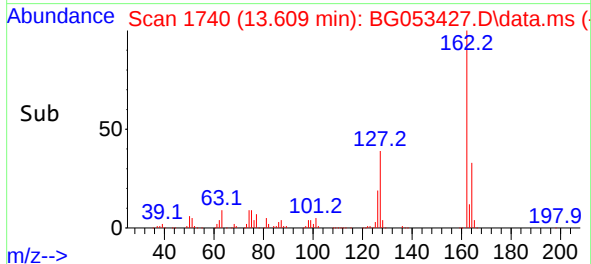
Instrument :
BNA_G
ClientSampleId :
PB144537BS



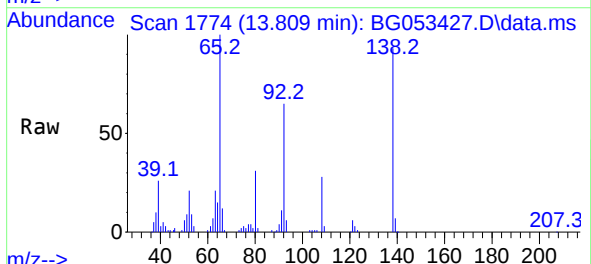
Tgt Ion:162 Resp: 19725
Ion Ratio Lower Upper
162 100
127 39.0 28.1 42.1
164 32.5 26.0 39.0

Manual Integrations
APPROVED

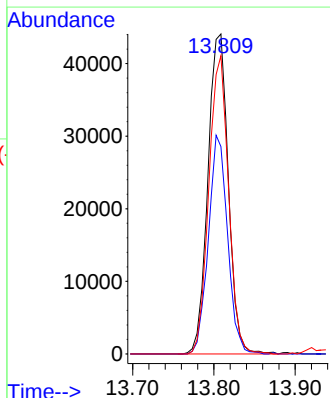
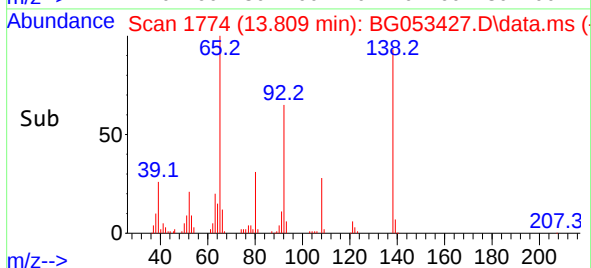
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

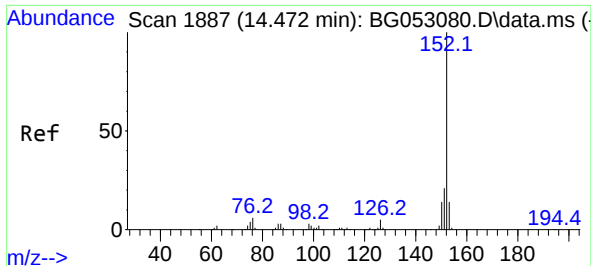


#48
2-Nitroaniline
Concen: 45.190 ng
RT: 13.809 min Scan# 1774
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion: 65 Resp: 76786
Ion Ratio Lower Upper
65 100
92 64.8 52.1 78.1
138 93.2 80.1 120.1





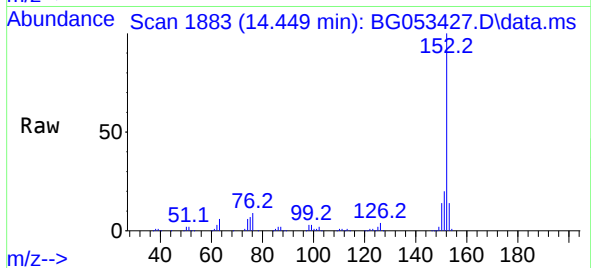
#49
Acenaphthylene
Concen: 47.605 ng
RT: 14.449 min Scan# 1883
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

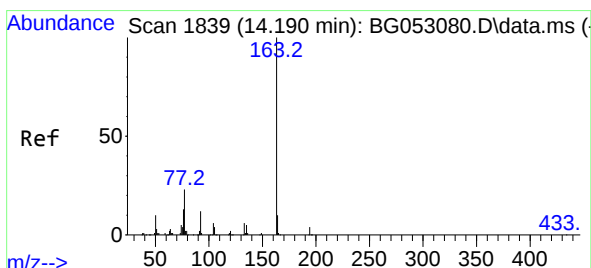
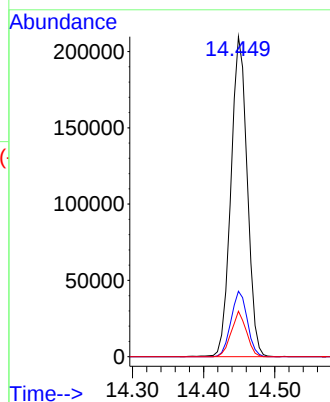
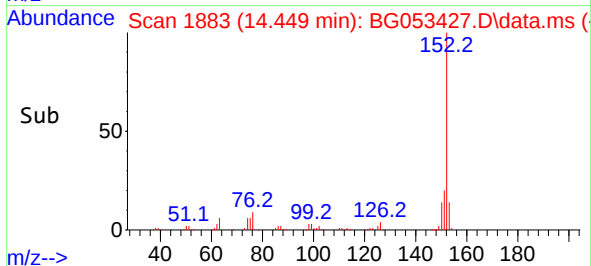


Tgt Ion:152 Resp: 333662
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 14.2 10.6 15.8

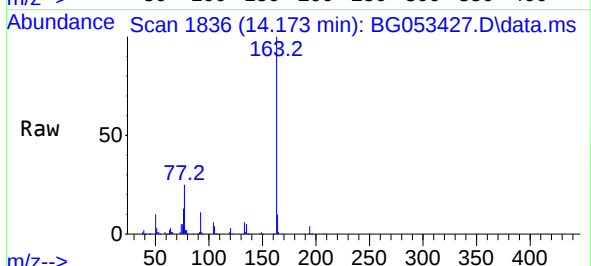
Manual Integrations

APPROVED

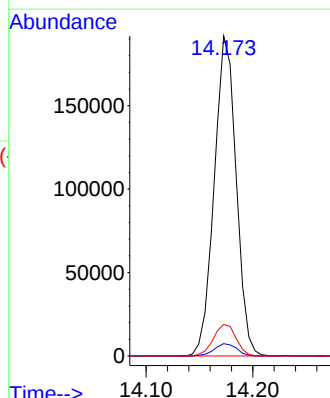
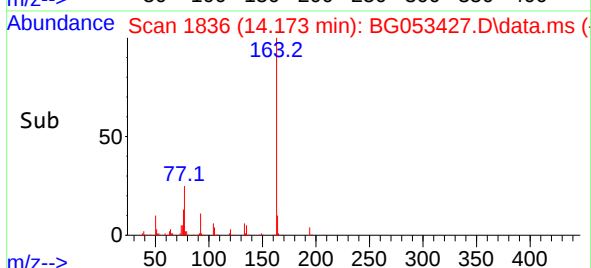
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

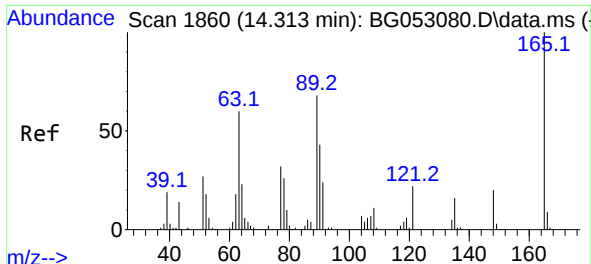


#50
Dimethylphthalate
Concen: 43.921 ng
RT: 14.173 min Scan# 1836
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:163 Resp: 273767
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.5 12.7





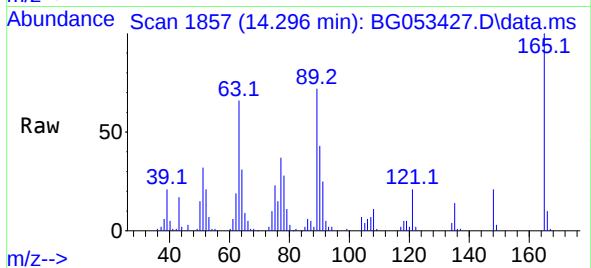
#51
2,6-Dinitrotoluene
Concen: 45.746 ng
RT: 14.296 min Scan# 1860
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

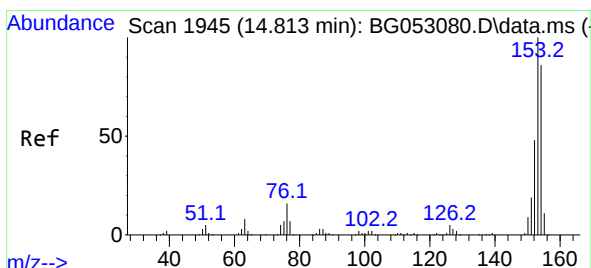
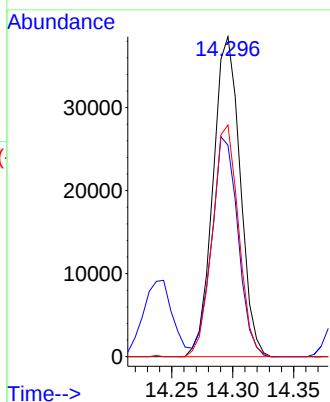
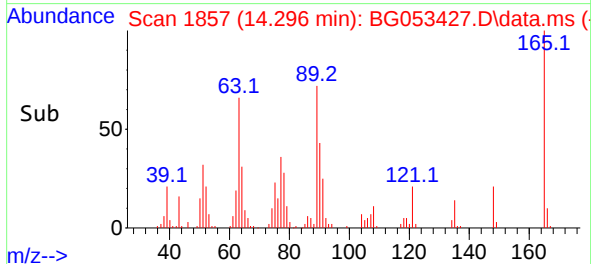


Tgt Ion:165 Resp: 5948
Ion Ratio Lower Upper
165 100
63 66.1 43.7 65.5
89 72.4 45.0 67.4

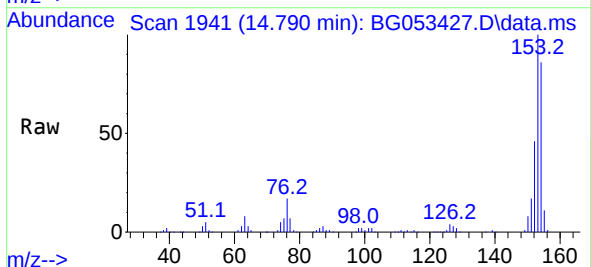
Manual Integrations

APPROVED

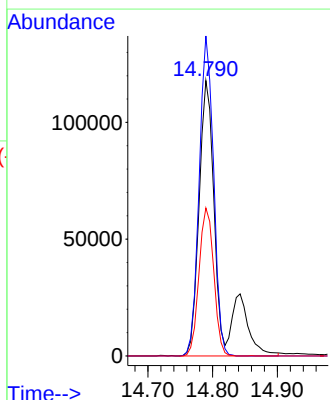
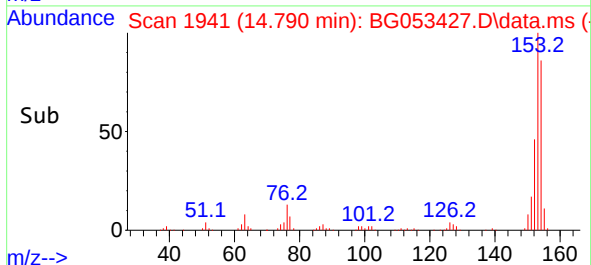
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

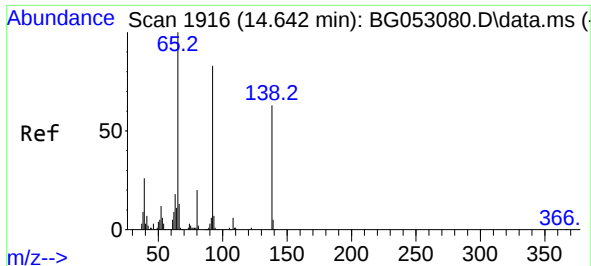


#52
Acenaphthene
Concen: 49.116 ng m
RT: 14.790 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



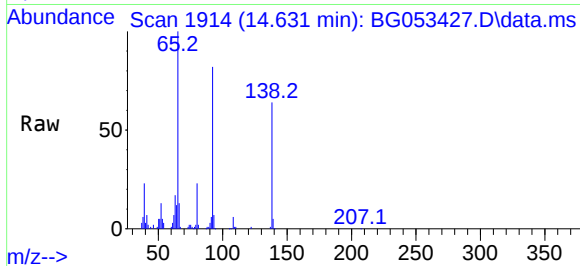
Tgt Ion:154 Resp: 233454
Ion Ratio Lower Upper
154 100
153 116.2 89.0 133.4
152 53.7 40.5 60.7





#53
3-Nitroaniline
Concen: 34.672 ng
RT: 14.631 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

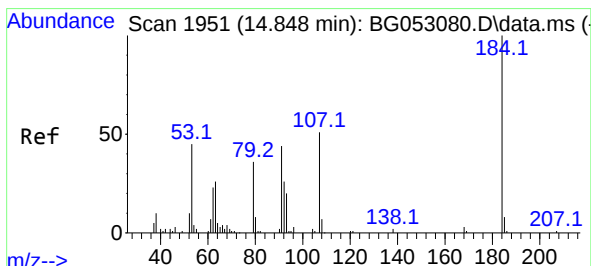
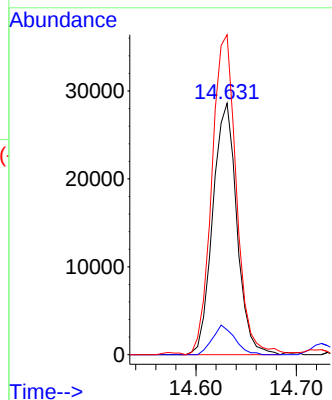
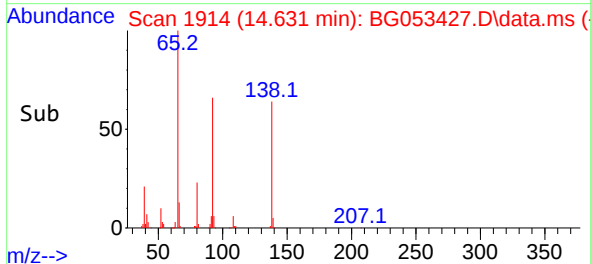
Instrument :
BNA_G
ClientSampleId :
PB144537BS



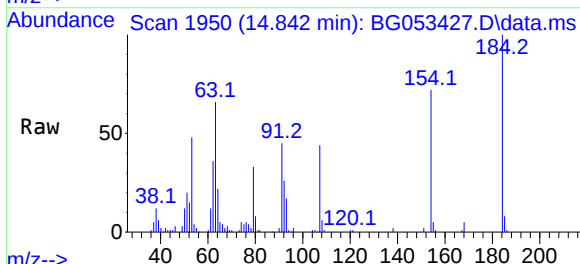
Tgt Ion:138 Resp: 47674
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 127.3 96.2 144.2

Manual Integrations
APPROVED

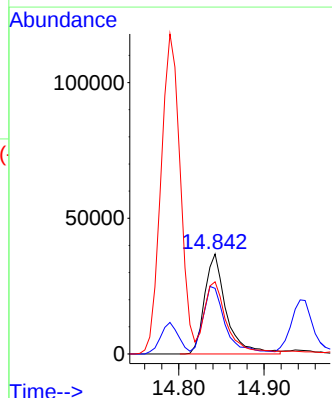
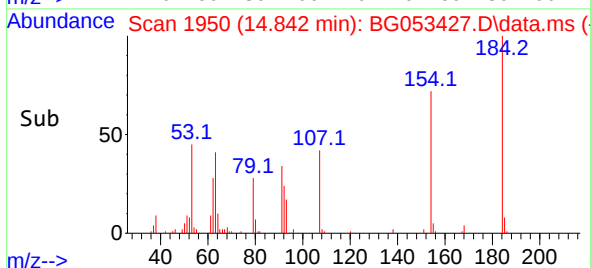
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

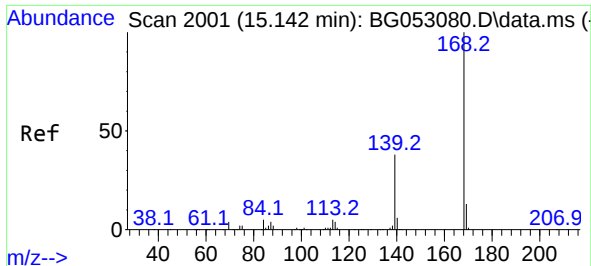


#54
2,4-Dinitrophenol
Concen: 78.407 ng
RT: 14.842 min Scan# 1950
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:184 Resp: 64874
Ion Ratio Lower Upper
184 100
63 65.6 51.8 77.6
154 72.2 47.8 71.6#





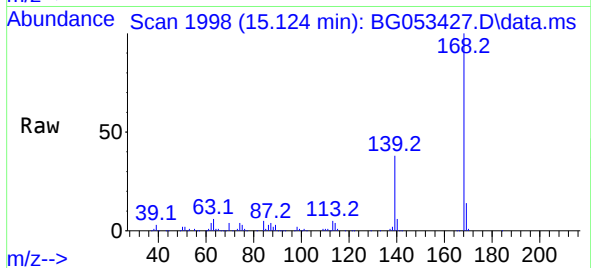
#55
Dibenzenofuran
Concen: 43.019 ng
RT: 15.124 min Scan# 1998
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

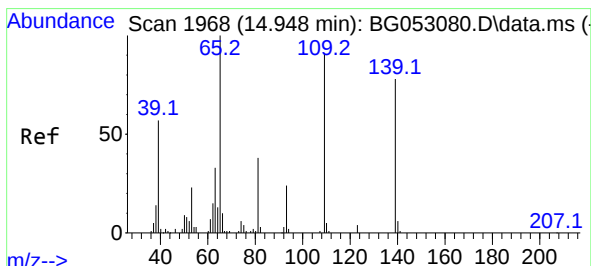
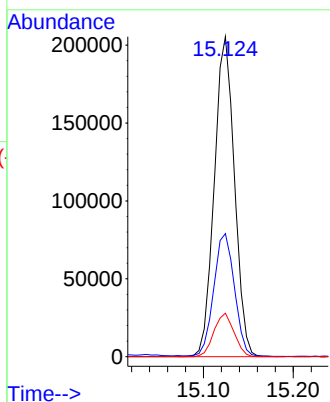
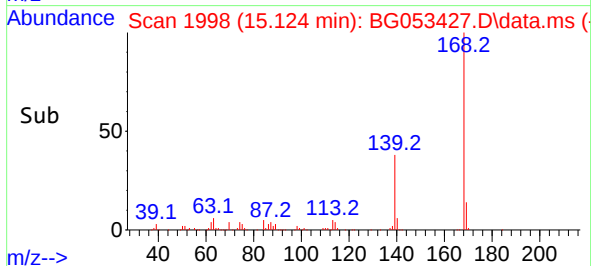


Tgt Ion:168 Resp: 32017
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 13.6 10.7 16.1

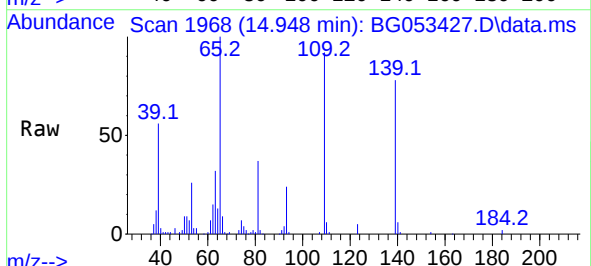
Manual Integrations

APPROVED

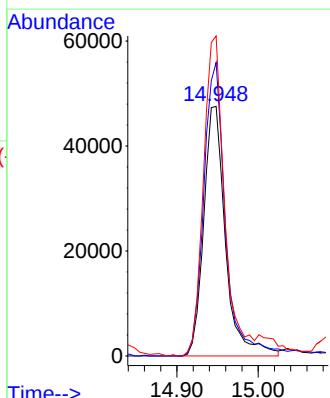
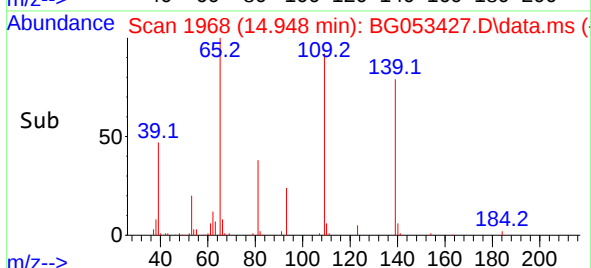
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

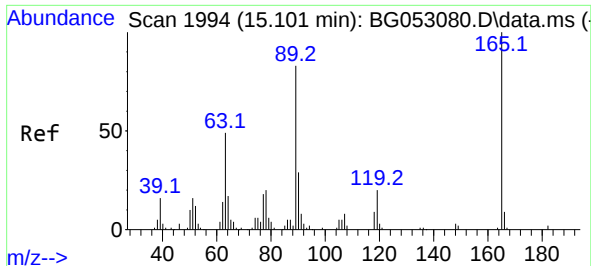


#56
4-Nitrophenol
Concen: 84.807 ng
RT: 14.948 min Scan# 1968
Delta R.T. 0.008 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:139 Resp: 88936
Ion Ratio Lower Upper
139 100
109 117.6 67.1 107.1#
65 128.2 88.2 128.2





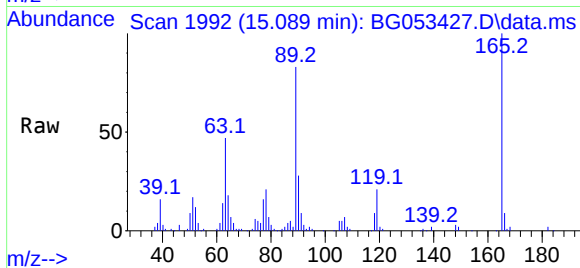
#57
2,4-Dinitrotoluene
Concen: 45.801 ng
RT: 15.089 min Scan# 1992
Delta R.T. 0.008 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

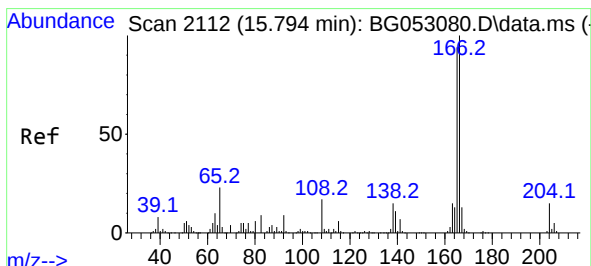
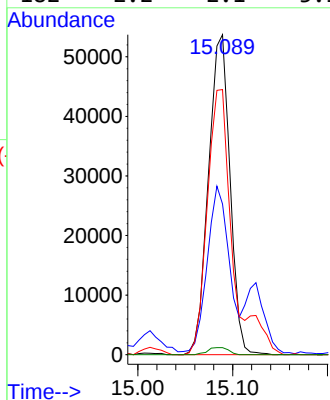
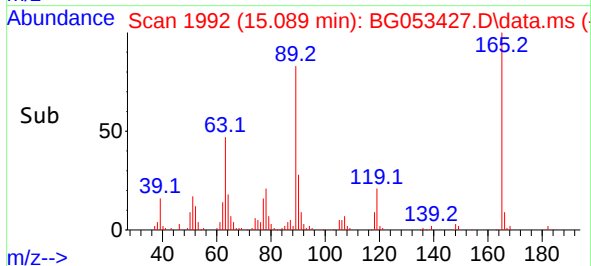


Tgt Ion:165 Resp: 8479
Ion Ratio Lower Upper
165 100
63 47.1 34.8 52.2
89 82.9 57.4 86.0
182 2.2 2.1 3.1

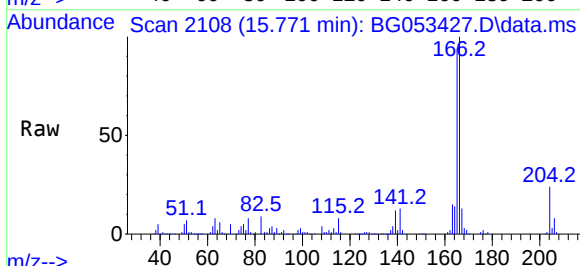
Manual Integrations

APPROVED

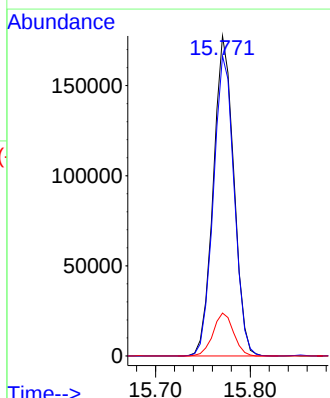
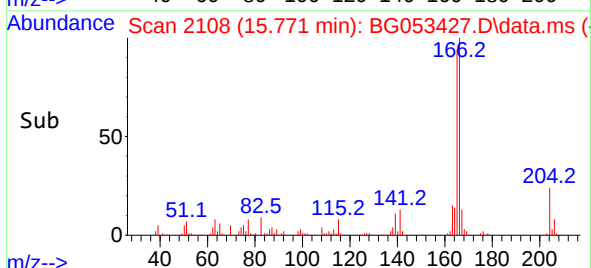
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

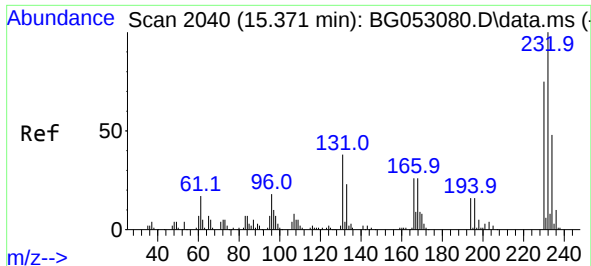


#58
Fluorene
Concen: 44.346 ng
RT: 15.771 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:166 Resp: 266570
Ion Ratio Lower Upper
166 100
165 93.8 78.6 117.8
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.216 ng
RT: 15.354 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

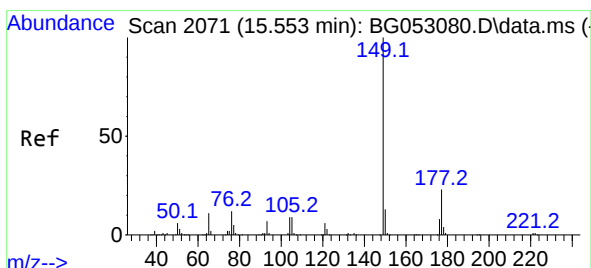
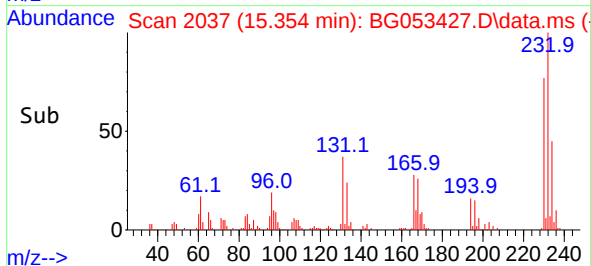
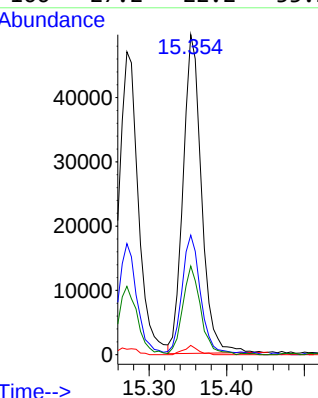
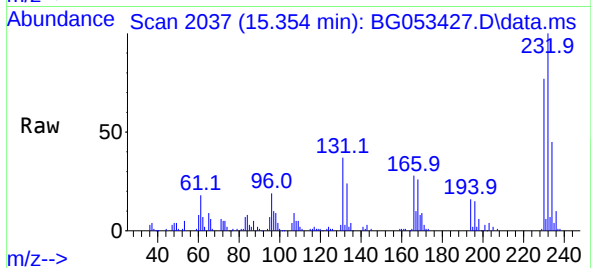
PB144537BS

Tgt Ion:232 Resp: 81614
Ion Ratio Lower Upper
232 100
131 39.1 30.1 45.1
130 2.2 1.8 2.8
166 27.2 22.2 33.2

Manual Integrations

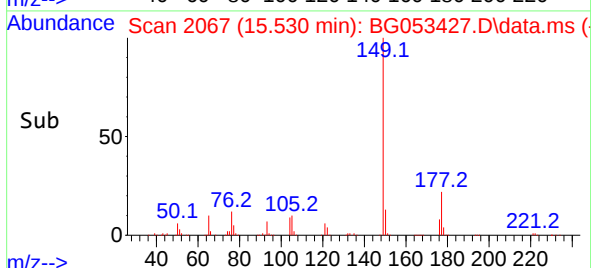
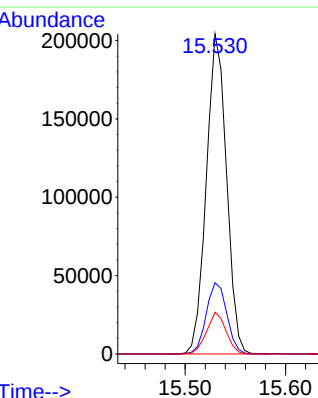
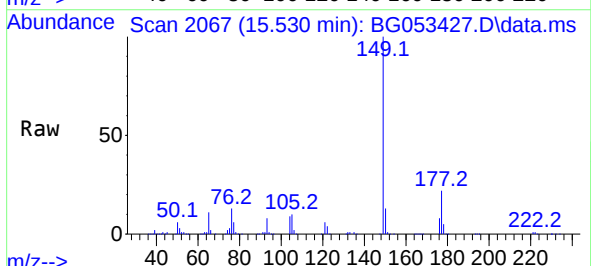
APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#60
Diethylphthalate
Concen: 43.572 ng
RT: 15.530 min Scan# 2067
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:149 Resp: 284563
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.912 ng
RT: 15.759 min Scan# 2106
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

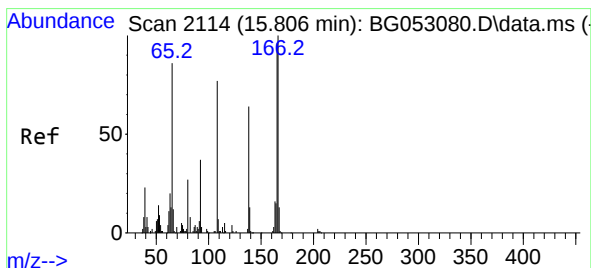
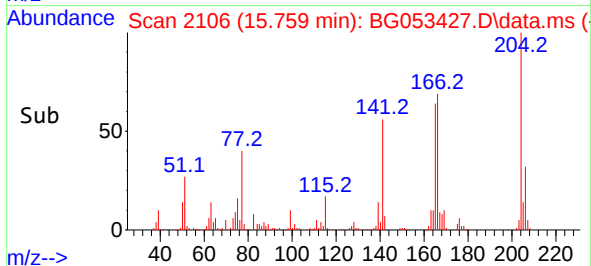
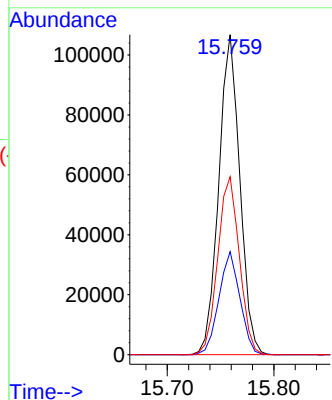
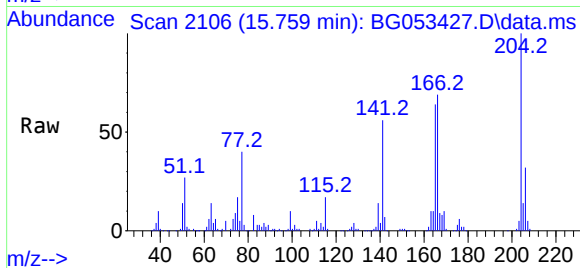
PB144537BS

Tgt Ion:204 Resp: 146225
Ion Ratio Lower Upper
204 100
206 32.2 28.3 42.5
141 55.6 45.8 68.8

Manual Integrations

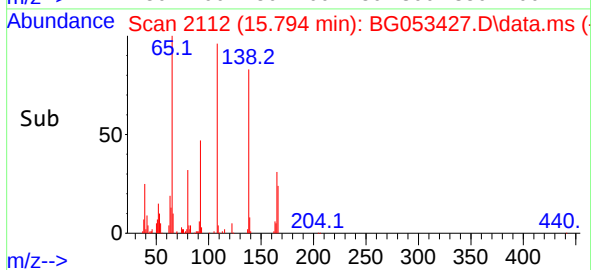
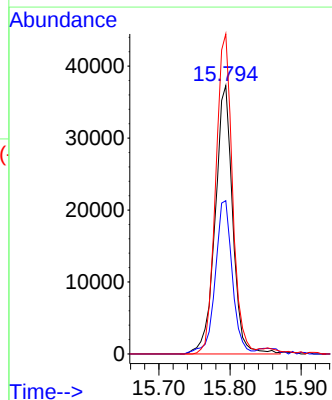
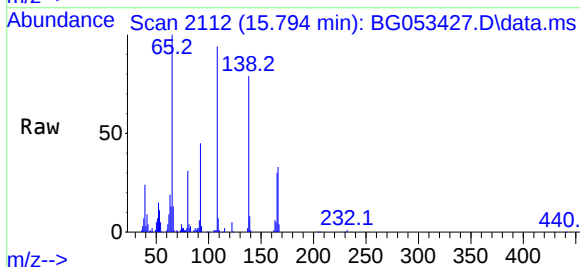
APPROVED

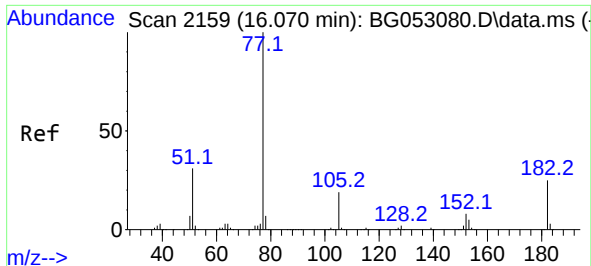
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#62
4-Nitroaniline
Concen: 43.914 ng
RT: 15.794 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:138 Resp: 63717
Ion Ratio Lower Upper
138 100
92 57.1 33.3 73.3
108 119.3 74.2 114.2#





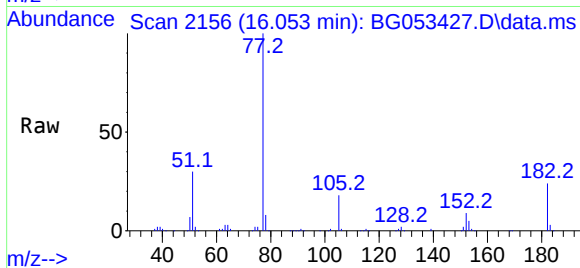
#63
Azobenzene
Concen: 43.445 ng
RT: 16.053 min Scan# 2156
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

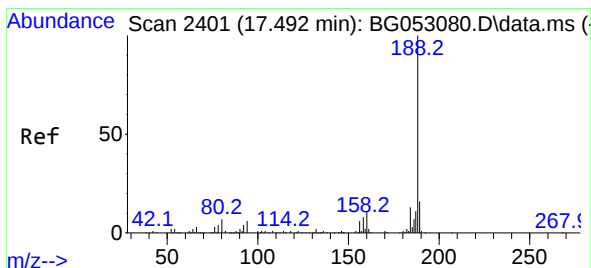
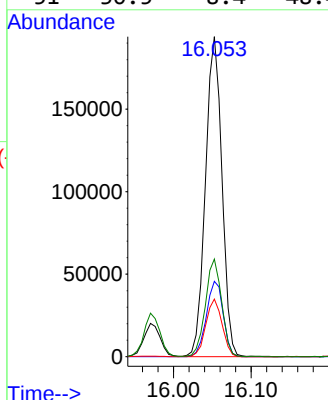
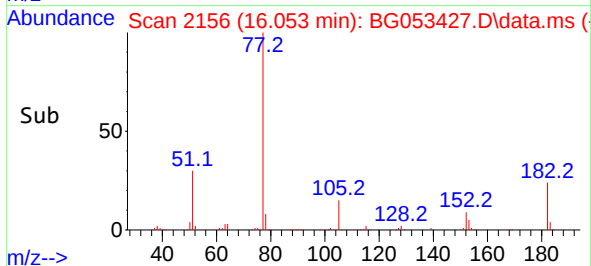


Tgt Ion: 77 Resp: 28606
Ion Ratio Lower Upper
77 100
182 23.5 5.6 45.6
105 18.0 0.0 38.8
51 30.5 8.4 48.4

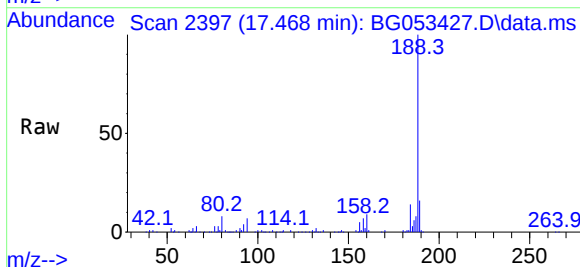
Manual Integrations

APPROVED

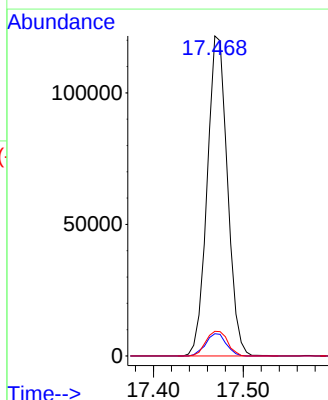
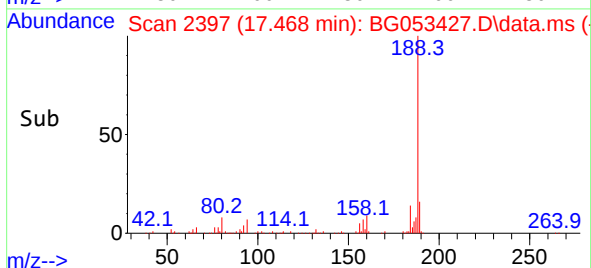
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.468 min Scan# 2397
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:188 Resp: 190313
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.7 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 37.889 ng
RT: 15.853 min Scan# 2122
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

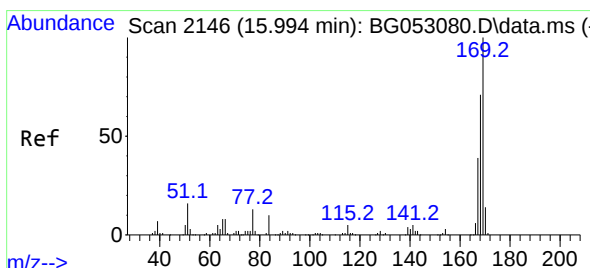
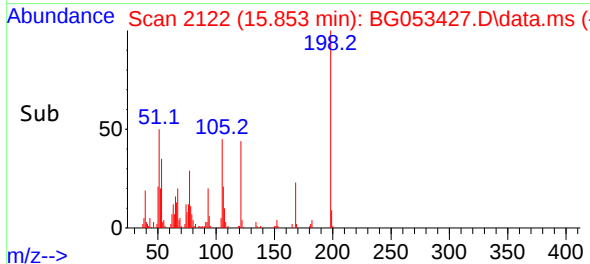
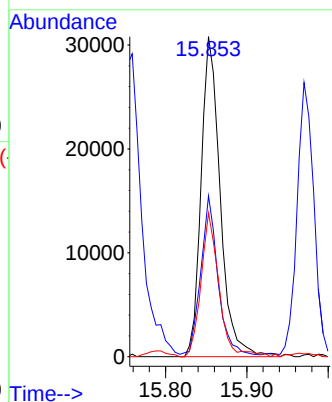
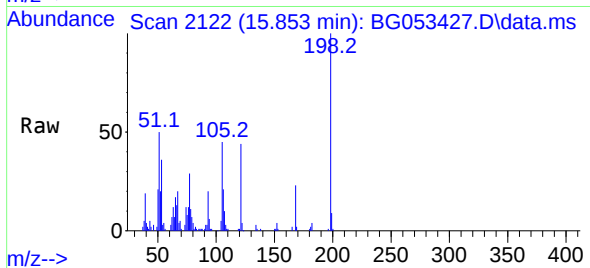
PB144537BS

Tgt Ion:198 Resp: 50308
Ion Ratio Lower Upper
198 100
51 50.3 21.7 61.7
105 44.9 20.8 60.8

Manual Integrations

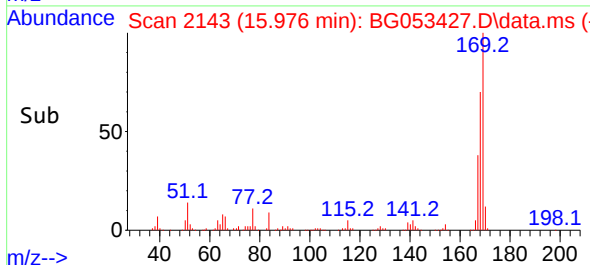
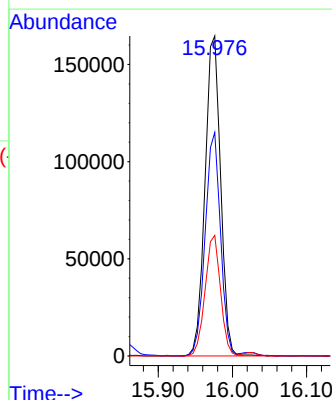
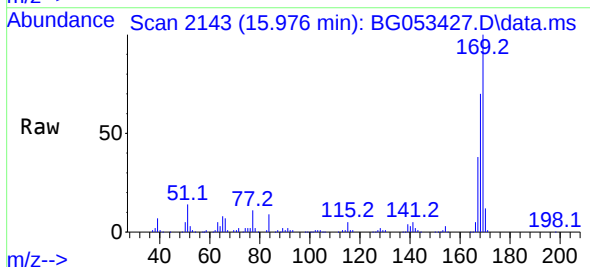
APPROVED

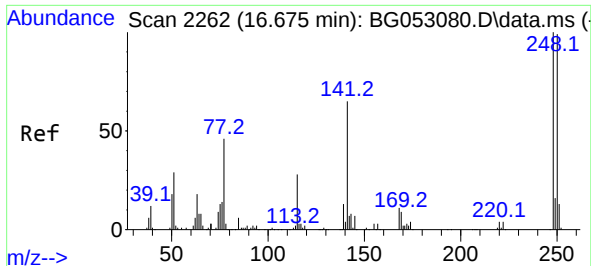
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#66
n-Nitrosodiphenylamine
Concen: 43.914 ng
RT: 15.976 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:169 Resp: 240333
Ion Ratio Lower Upper
169 100
168 69.9 54.5 81.7
167 37.7 29.6 44.4





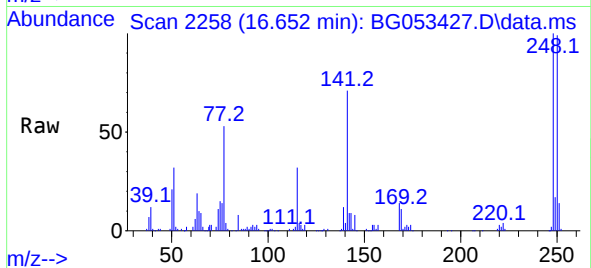
#67
4-Bromophenyl-phenylether
Concen: 42.340 ng
RT: 16.652 min Scan# 211
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

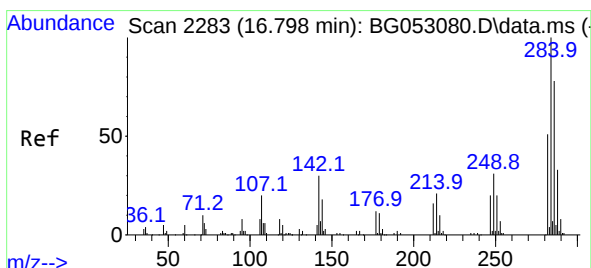
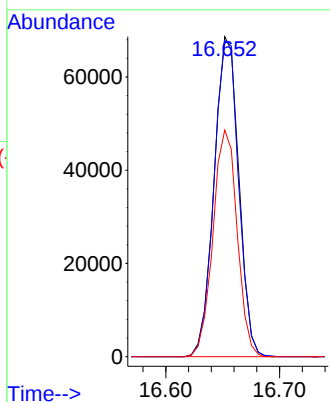
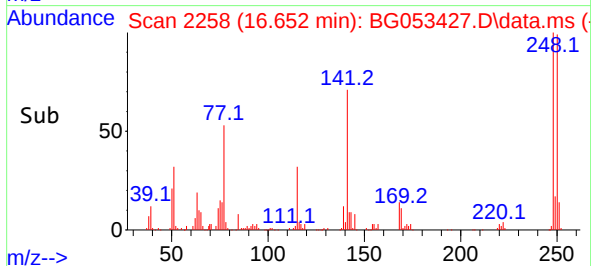


Tgt Ion:248 Resp: 103248
Ion Ratio Lower Upper
248 100
250 98.8 77.9 116.9
141 70.8 49.2 73.8

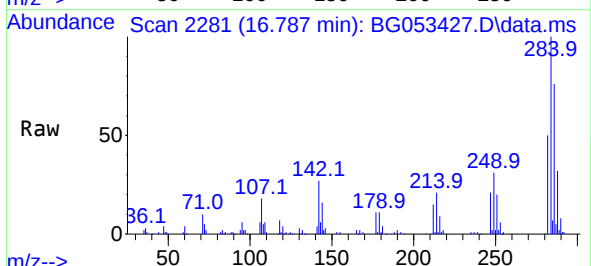
Manual Integrations

APPROVED

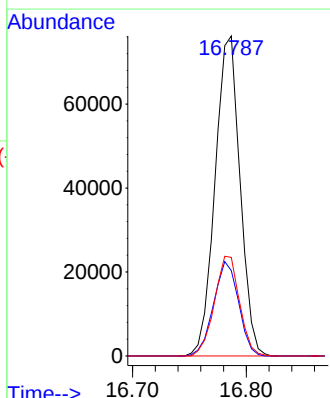
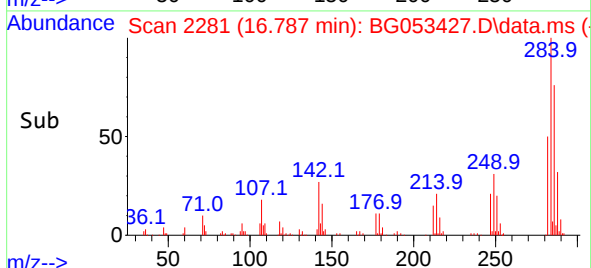
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

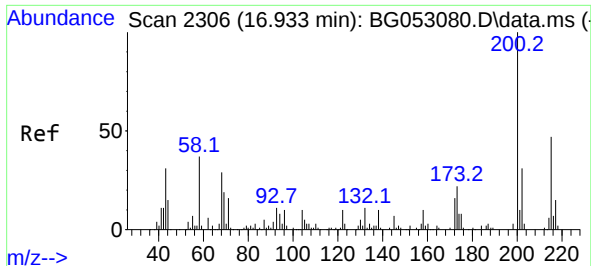


#68
Hexachlorobenzene
Concen: 43.967 ng
RT: 16.787 min Scan# 2281
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:284 Resp: 116111
Ion Ratio Lower Upper
284 100
142 26.6 21.0 31.4
249 30.8 22.7 34.1





#69
 Atrazine
 Concen: 48.334 ng
 RT: 16.916 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

Instrument :

BNA_G

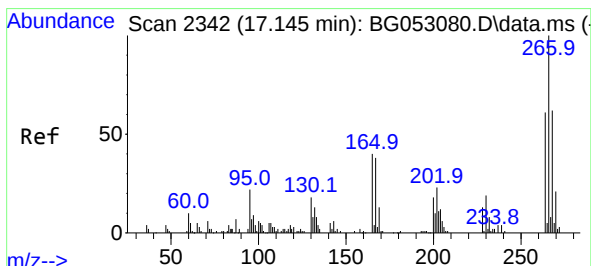
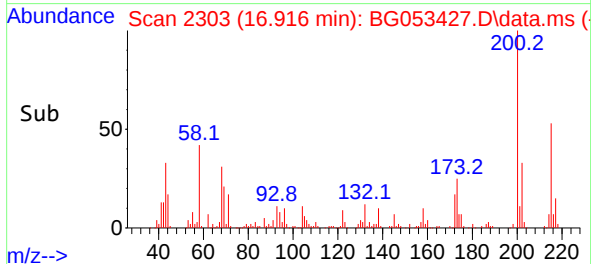
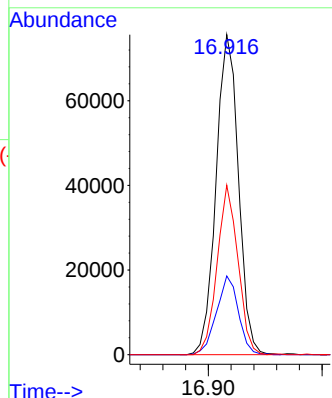
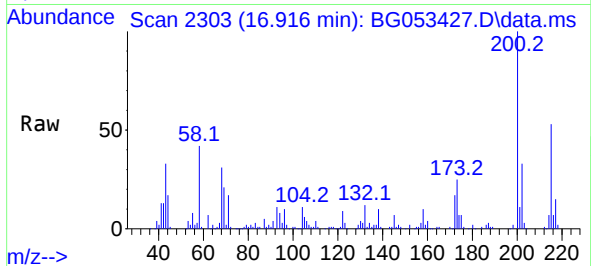
ClientSampleId :

PB144537BS

Tgt Ion:200 Resp: 10332
 Ion Ratio Lower Upper
 200 100
 173 24.6 3.8 43.8
 215 53.0 26.3 66.3

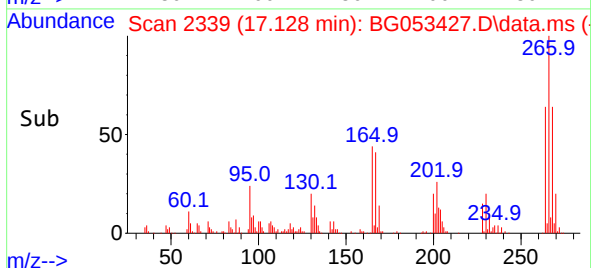
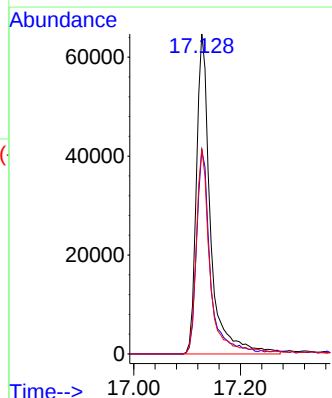
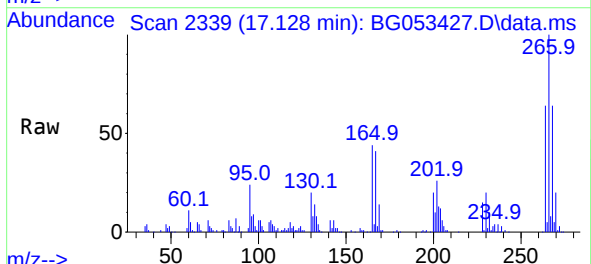
Manual Integrations
 APPROVED

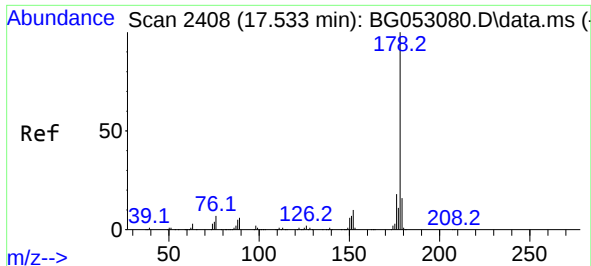
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022



#70
 Pentachlorophenol
 Concen: 82.205 ng
 RT: 17.128 min Scan# 2339
 Delta R.T. -0.004 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

Tgt Ion:266 Resp: 118647
 Ion Ratio Lower Upper
 266 100
 268 63.7 45.9 68.9
 264 64.2 45.3 67.9





#71
Phenanthrene
Concen: 44.266 ng
RT: 17.515 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

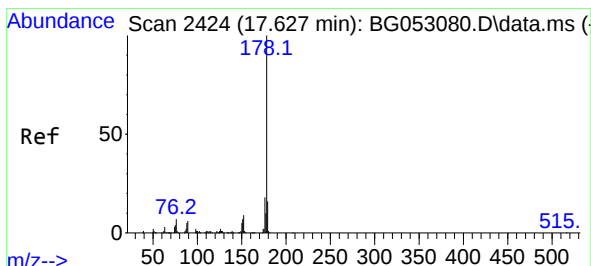
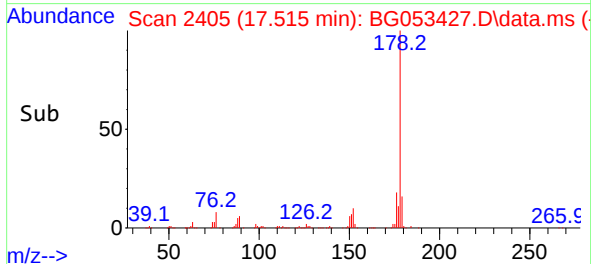
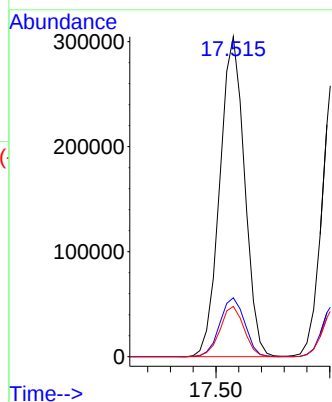
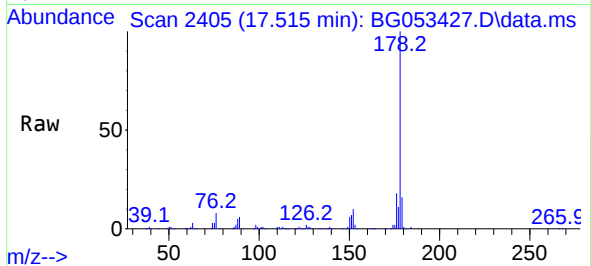
PB144537BS

Tgt Ion:178 Resp: 46016
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 15.7 13.4 20.2

Manual Integrations

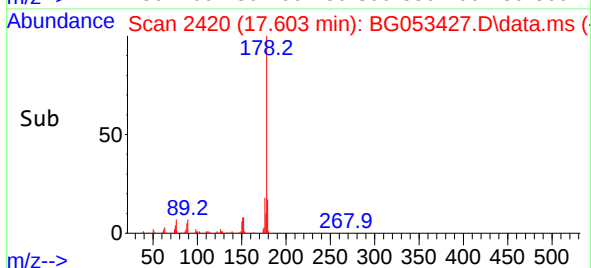
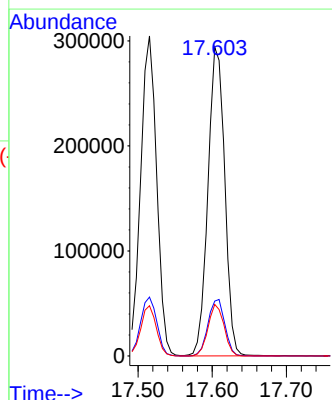
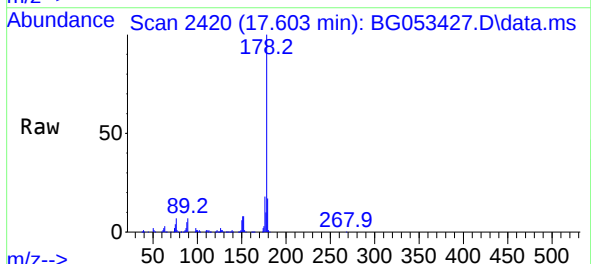
APPROVED

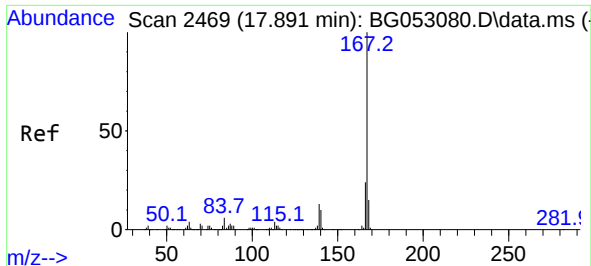
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#72
Anthracene
Concen: 44.860 ng
RT: 17.603 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

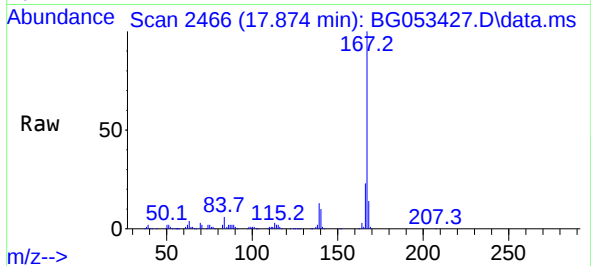
Tgt Ion:178 Resp: 461987
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 16.7 13.2 19.8





#73
 Carbazole
 Concen: 42.639 ng
 RT: 17.874 min Scan# 2466
 Delta R.T. 0.002 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

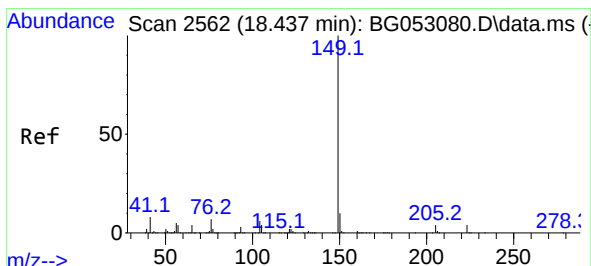
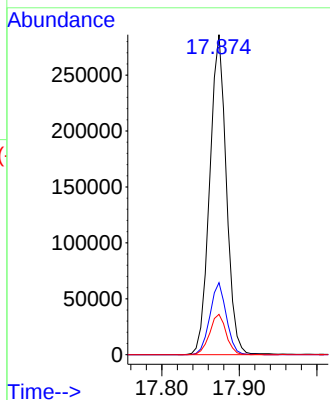
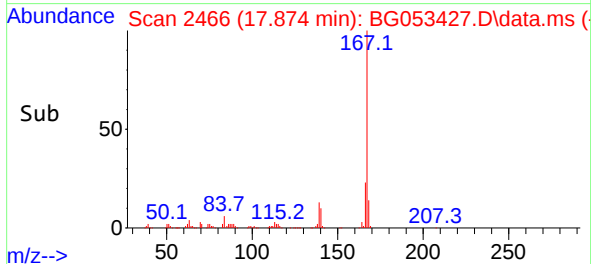
Instrument :
 BNA_G
 ClientSampleId :
 PB144537BS



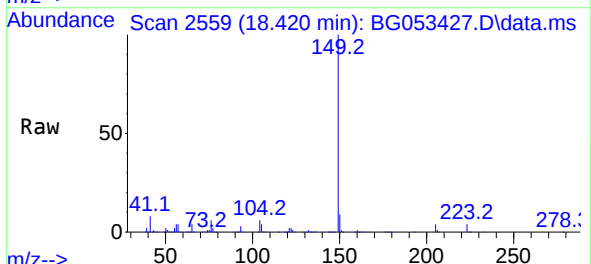
Tgt Ion:167 Resp: 426840
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.5 27.7
 139 12.6 10.0 15.0

Manual Integrations
 APPROVED

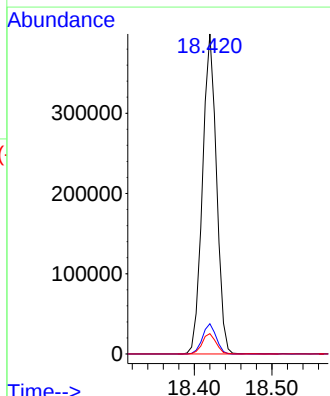
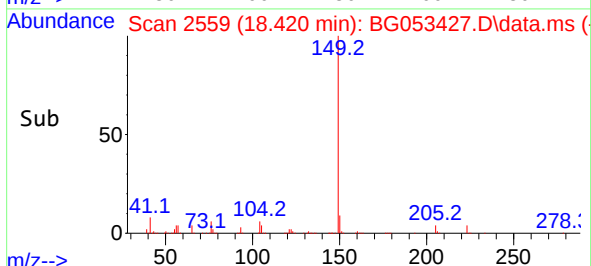
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

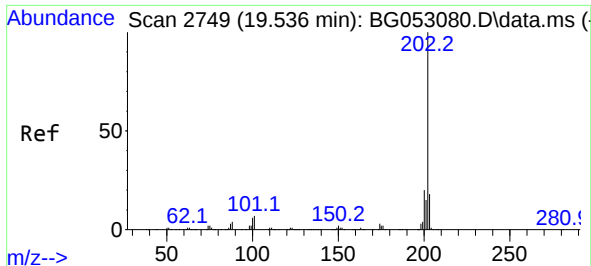


#74
 Di-n-butylphthalate
 Concen: 44.016 ng
 RT: 18.420 min Scan# 2559
 Delta R.T. 0.002 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17



Tgt Ion:149 Resp: 499736
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.0 10.6
 104 6.4 4.6 7.0





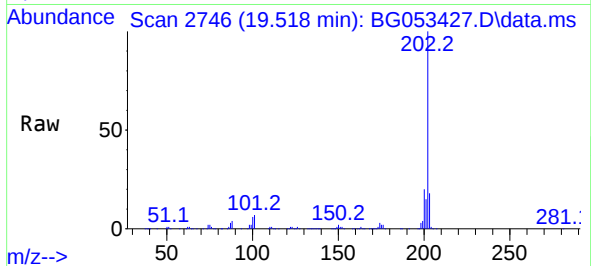
#75
Fluoranthene
Concen: 44.765 ng
RT: 19.518 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

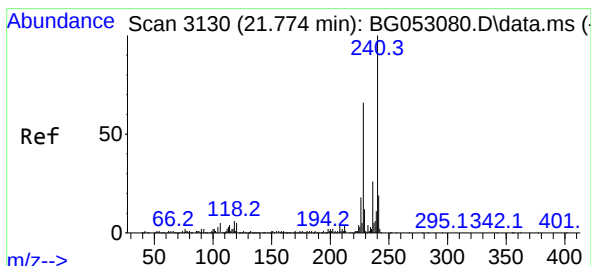
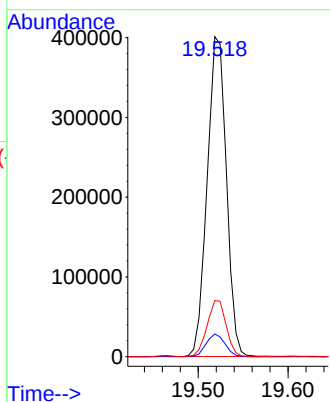
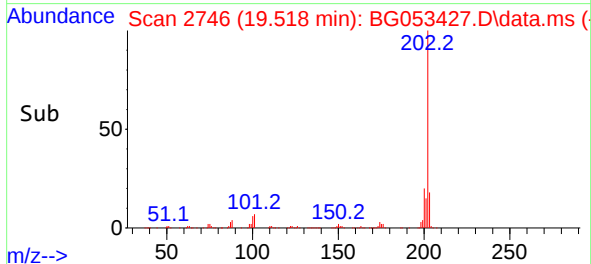


Tgt Ion:202 Resp: 596494
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 17.6 0.0 37.7

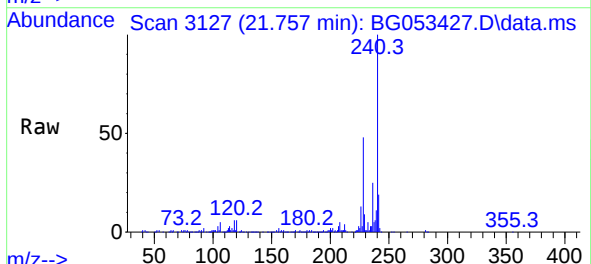
Manual Integrations

APPROVED

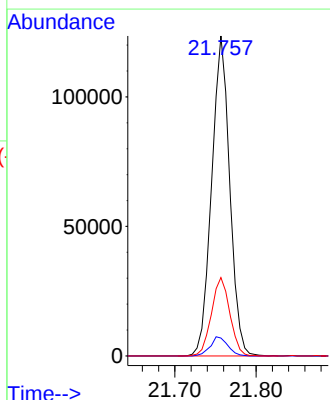
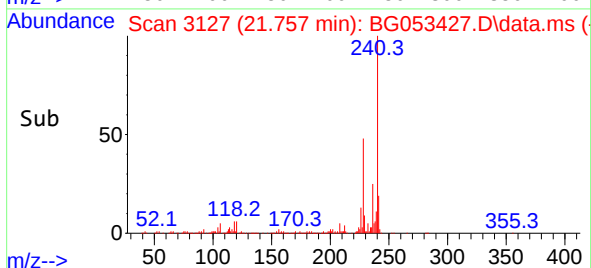
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



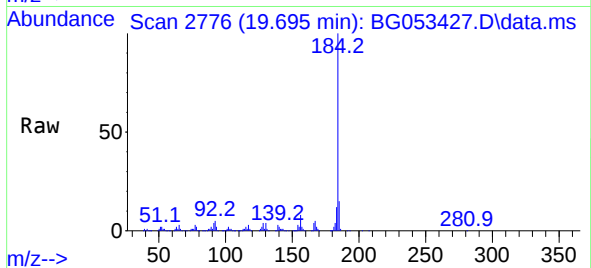
Tgt Ion:240 Resp: 190473
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 24.5 19.8 29.6





#77
Benzidine
Concen: 52.151 ng
RT: 19.695 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

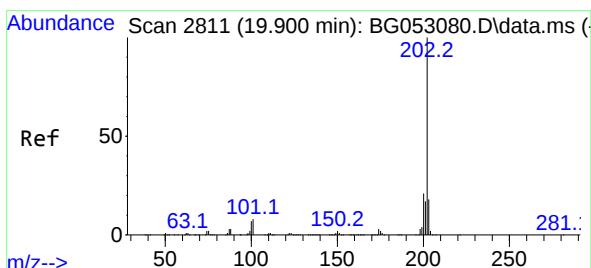
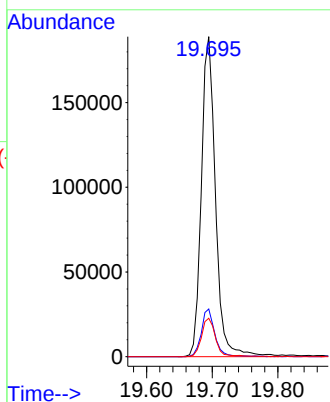
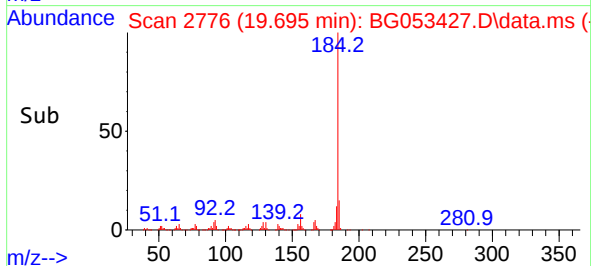
Instrument :
BNA_G
ClientSampleId :
PB144537BS



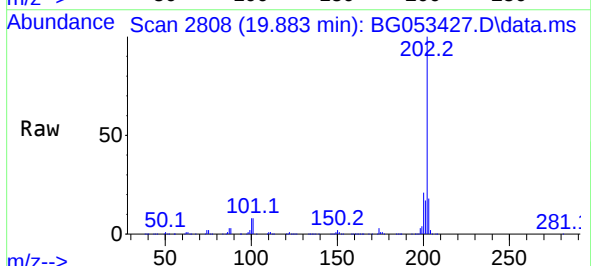
Tgt Ion:184 Resp: 28341
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 12.0 9.4 14.2

Manual Integrations
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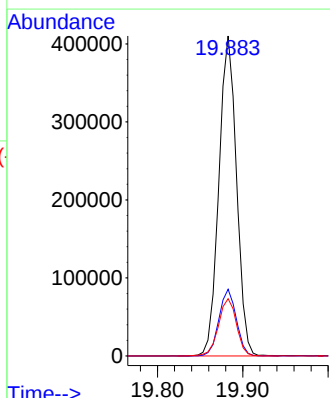
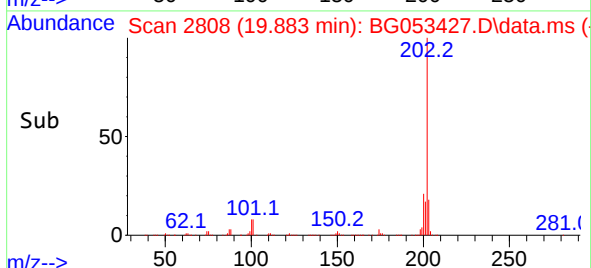
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

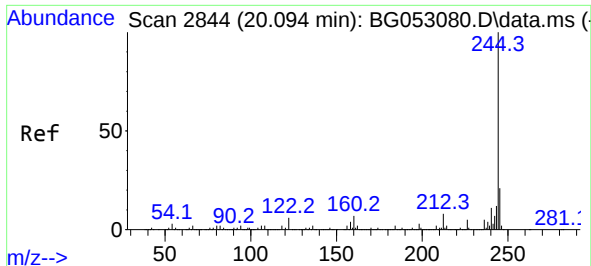


#78
Pyrene
Concen: 43.448 ng
RT: 19.883 min Scan# 2808
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:202 Resp: 589389
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.9 15.0 22.6





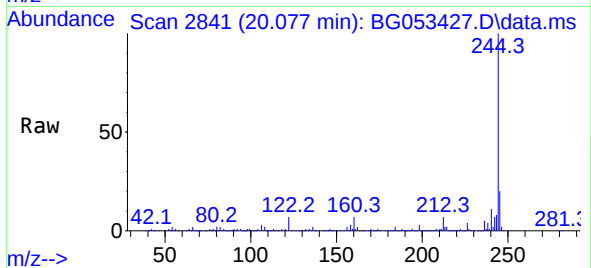
#79
 Terphenyl-d14
 Concen: 83.027 ng
 RT: 20.077 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB144537BS

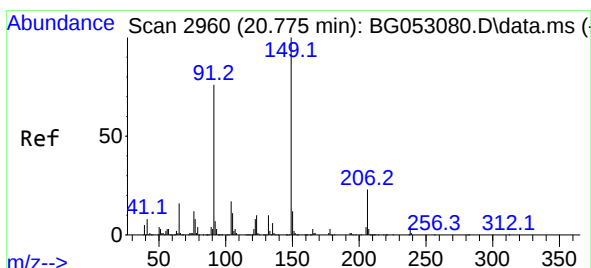
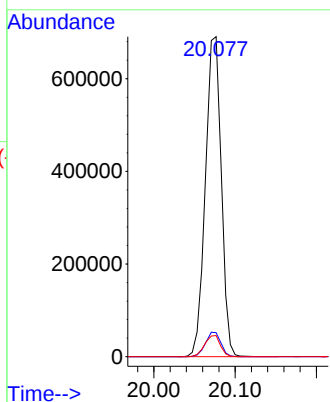
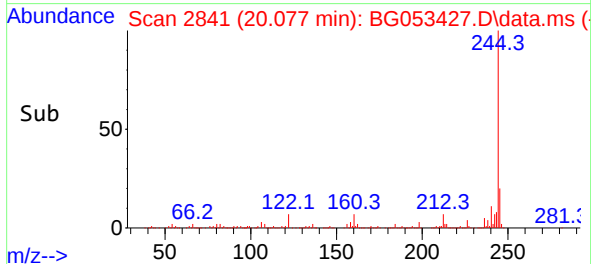


Tgt Ion:244 Resp: 936370
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 6.6 5.8 8.6

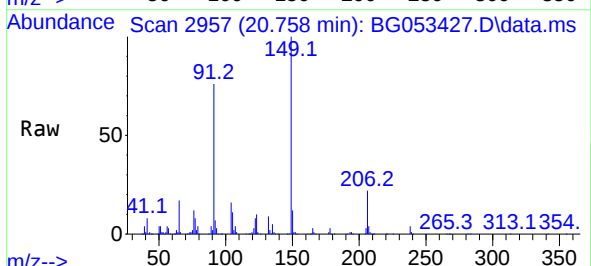
Manual Integrations

APPROVED

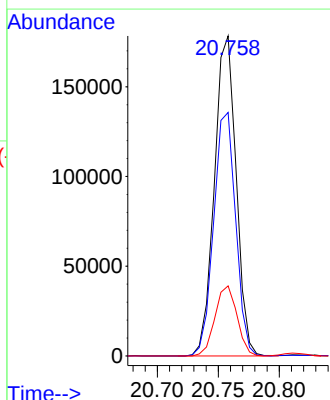
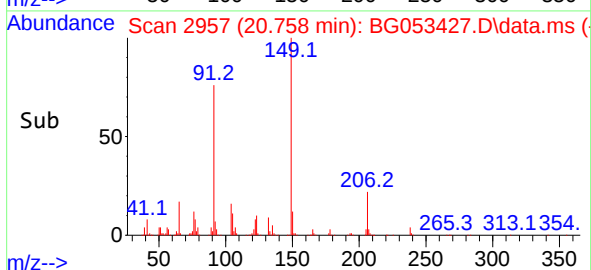
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022



#80
 Butylbenzylphthalate
 Concen: 43.800 ng
 RT: 20.758 min Scan# 2957
 Delta R.T. 0.002 min
 Lab File: BG053427.D
 Acq: 4 May 2022 12:17



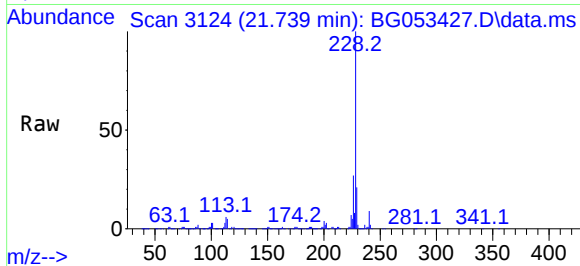
Tgt Ion:149 Resp: 221516
 Ion Ratio Lower Upper
 149 100
 91 76.1 60.2 90.4
 206 21.9 19.4 29.2





#81
Benzo(a)anthracene
Concen: 45.006 ng
RT: 21.739 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

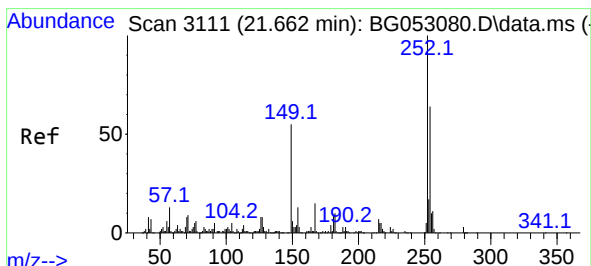
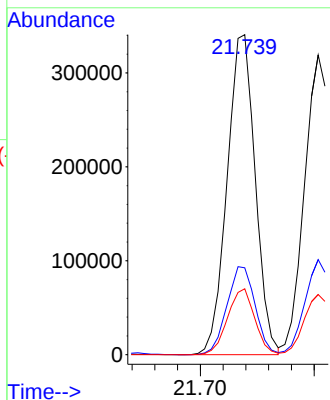
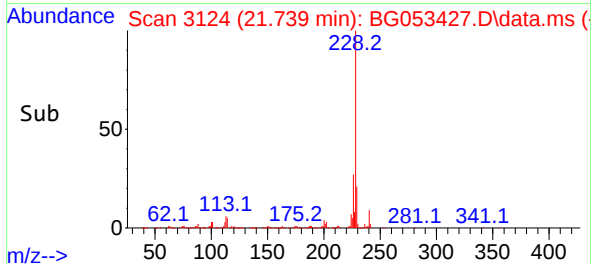
Instrument :
BNA_G
ClientSampleId :
PB144537BS



Tgt Ion:228 Resp: 586120
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 20.6 16.7 25.1

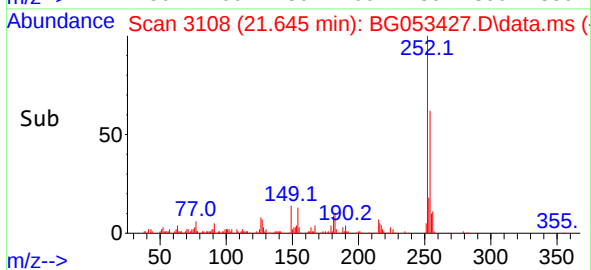
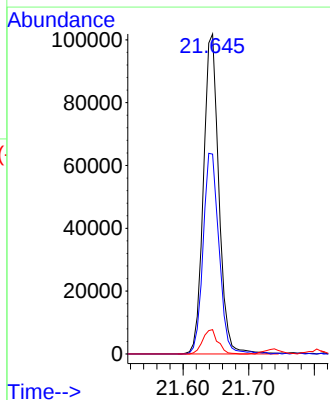
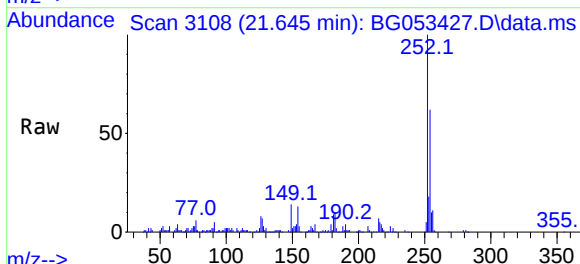
Manual Integrations
APPROVED

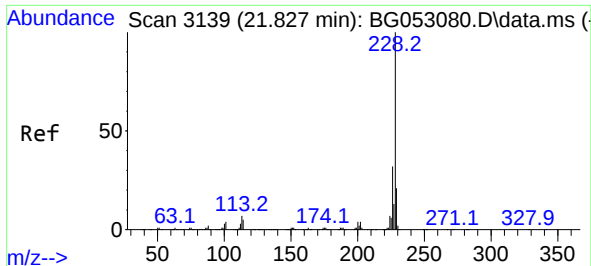
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.699 ng
RT: 21.645 min Scan# 3108
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

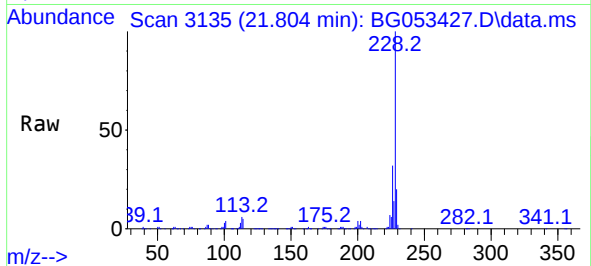
Tgt Ion:252 Resp: 166190
Ion Ratio Lower Upper
252 100
254 62.4 51.2 76.8
126 7.6 5.8 8.8





#83
Chrysene
Concen: 43.990 ng
RT: 21.804 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

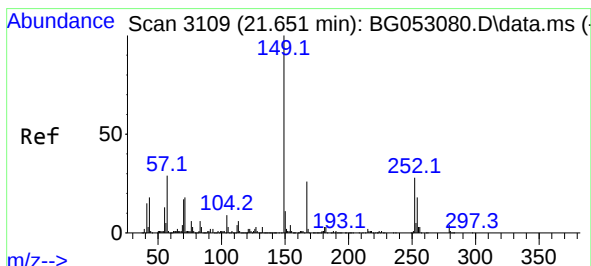
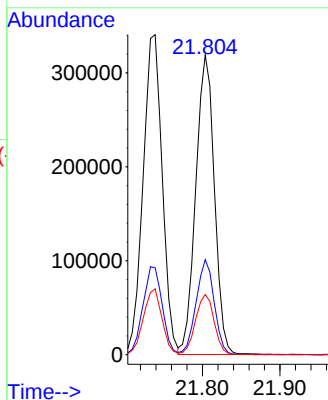
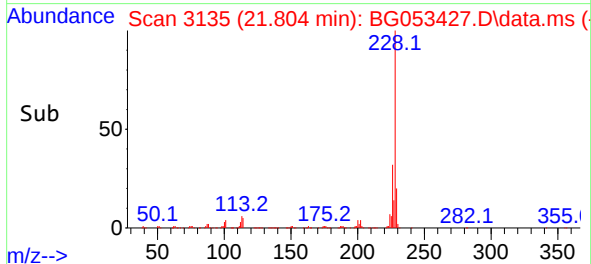
Instrument :
BNA_G
ClientSampleId :
PB144537BS



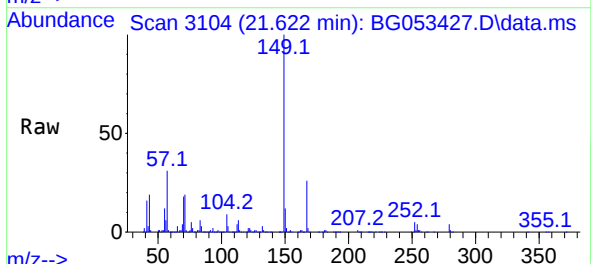
Tgt Ion:228 Resp: 53168
Ion Ratio Lower Upper
228 100
226 31.7 24.2 36.4
229 20.1 16.3 24.5

Manual Integrations
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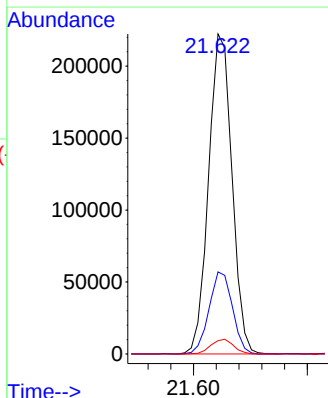
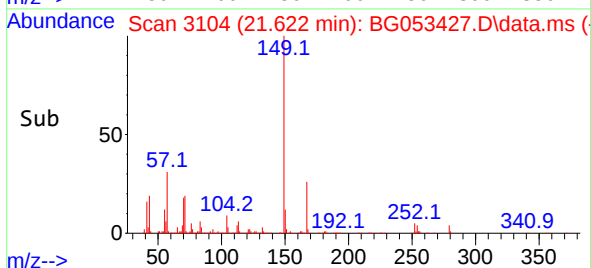
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

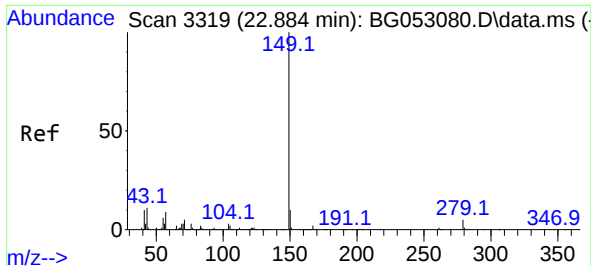


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.362 ng
RT: 21.622 min Scan# 3104
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



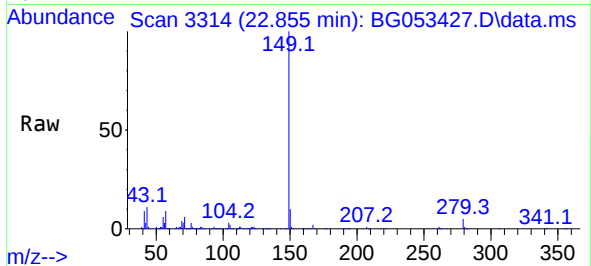
Tgt Ion:149 Resp: 316936
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.2
279 4.2 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 47.174 ng
RT: 22.855 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

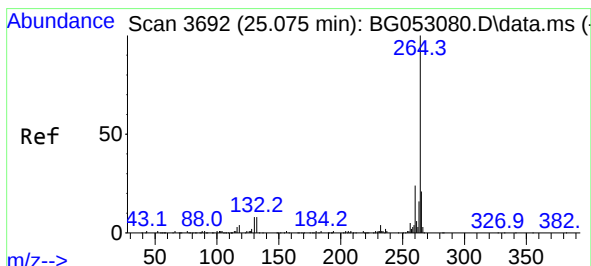
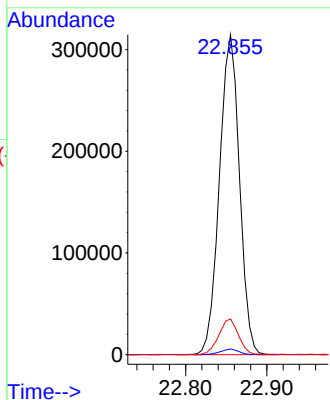
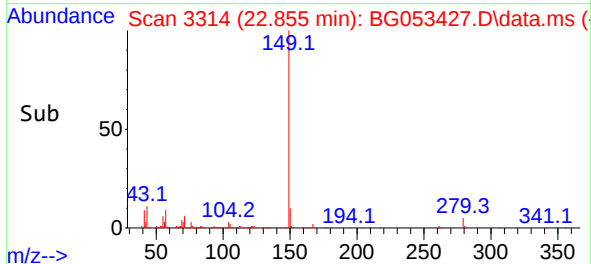
Instrument :
BNA_G
ClientSampleId :
PB144537BS



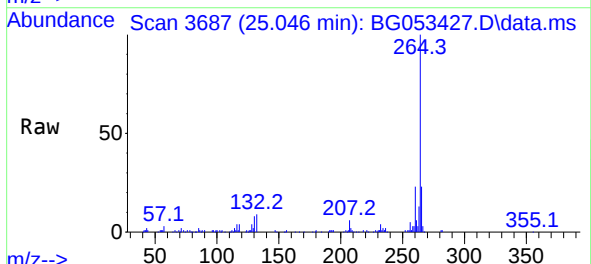
Tgt Ion:149 Resp: 539349
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 7.6 11.4

Manual Integrations
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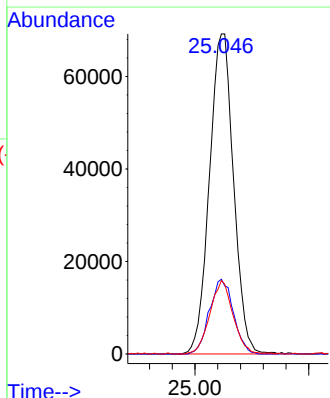
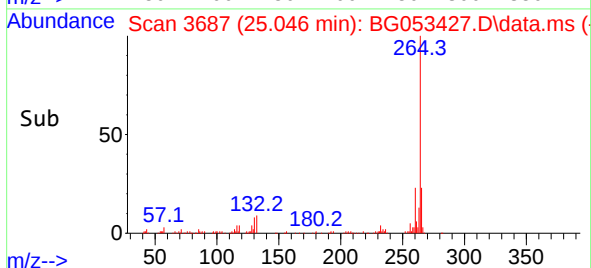
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

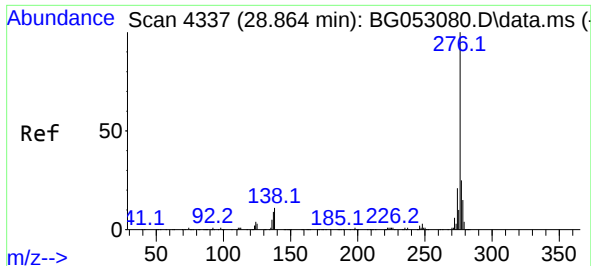


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.046 min Scan# 3687
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



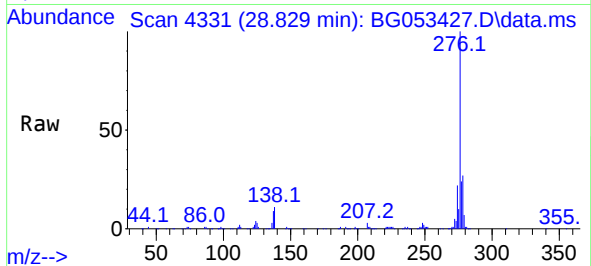
Tgt Ion:264 Resp: 203728
Ion Ratio Lower Upper
264 100
260 23.3 18.2 27.2
265 23.0 15.1 22.7#





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.956 ng
RT: 28.829 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

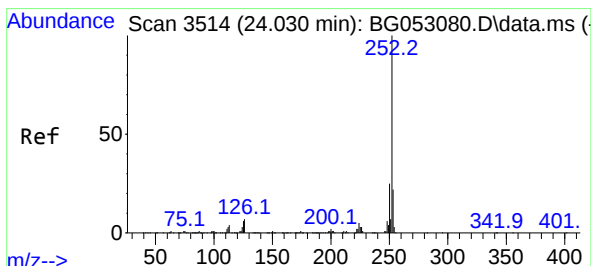
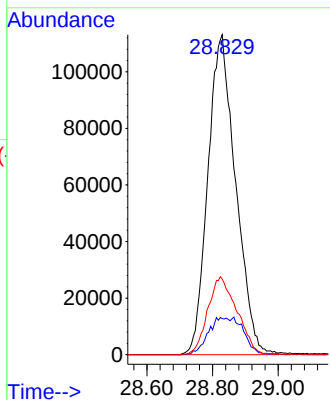
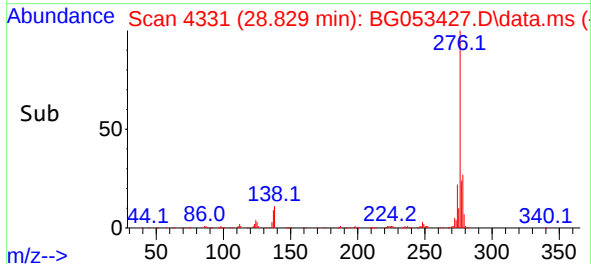
Instrument :
BNA_G
ClientSampleId :
PB144537BS



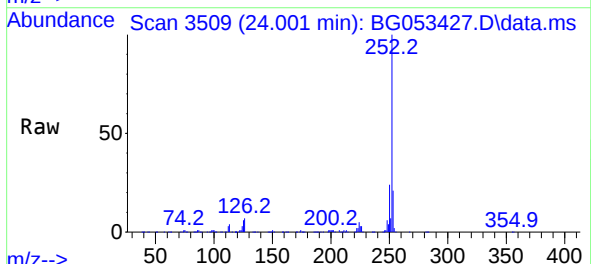
Tgt Ion:276 Resp: 665314
Ion Ratio Lower Upper
276 100
138 8.9 8.7 13.1
277 25.5 20.2 30.4

Manual Integrations
APPROVED

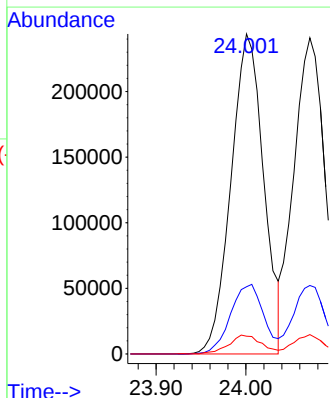
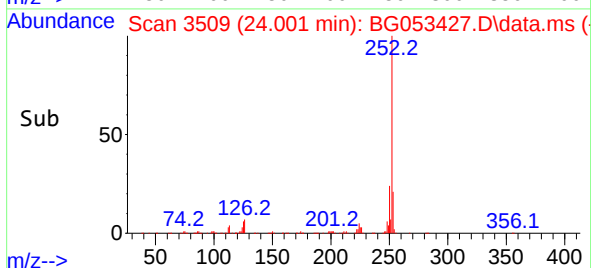
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

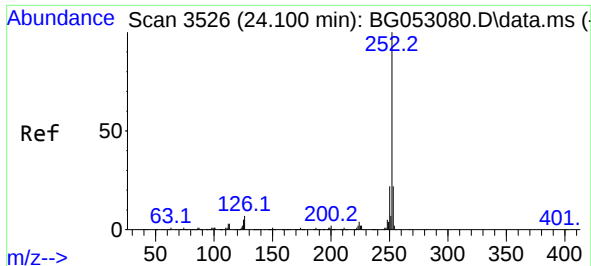


#88
Benzo(b)fluoranthene
Concen: 47.985 ng
RT: 24.001 min Scan# 3509
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17



Tgt Ion:252 Resp: 616796
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 5.6 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 46.096 ng
RT: 24.071 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

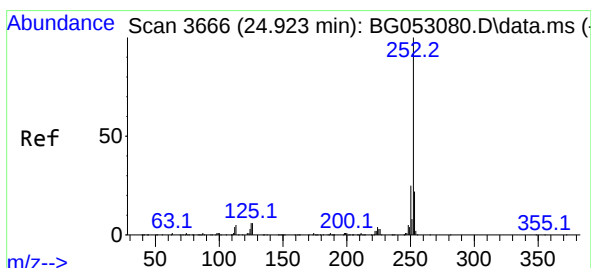
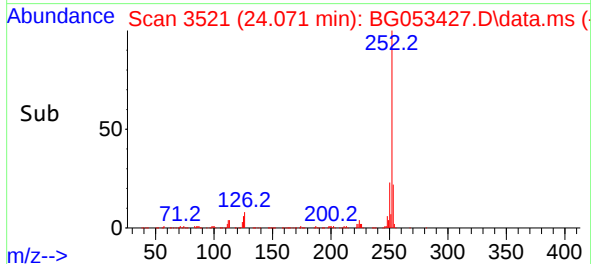
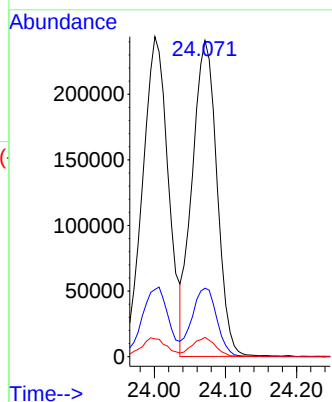
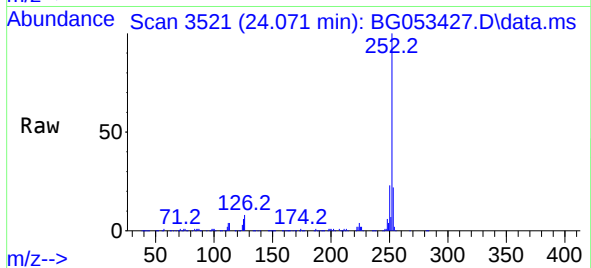
PB144537BS

Tgt Ion:252 Resp: 58234
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 6.1 5.0 7.4

Manual Integrations

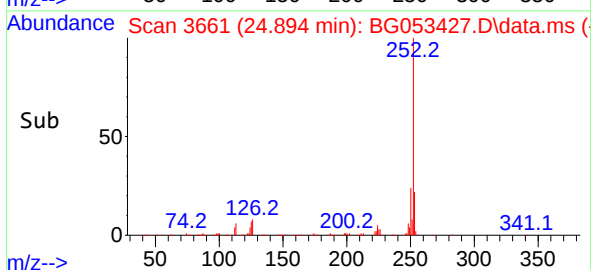
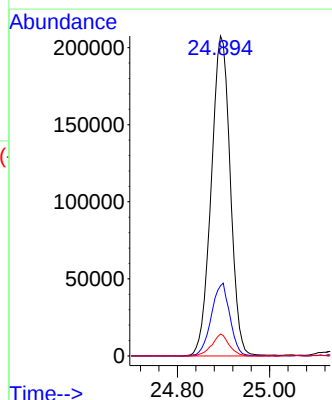
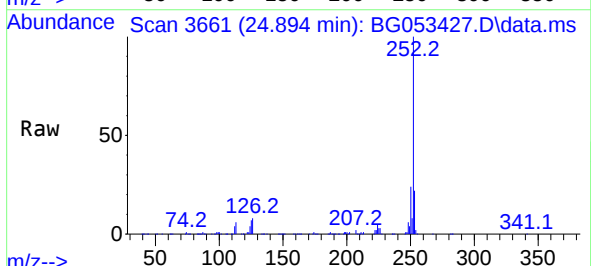
APPROVED

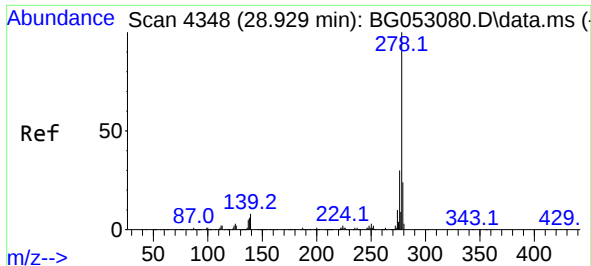
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#90
Benzo(a)pyrene
Concen: 54.313 ng
RT: 24.894 min Scan# 3661
Delta R.T. 0.002 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:252 Resp: 594759
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 6.9 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 45.656 ng
RT: 28.882 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Instrument :

BNA_G

ClientSampleId :

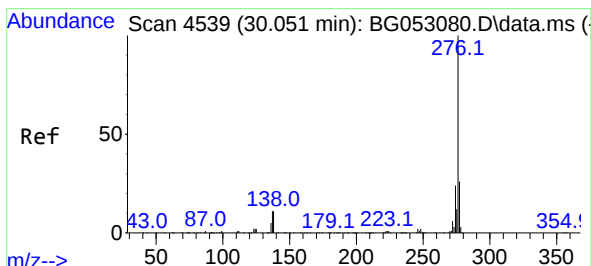
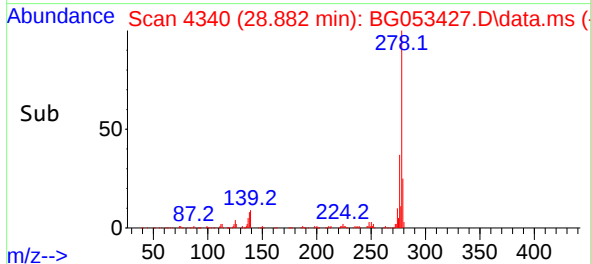
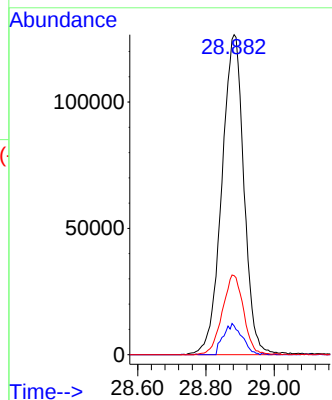
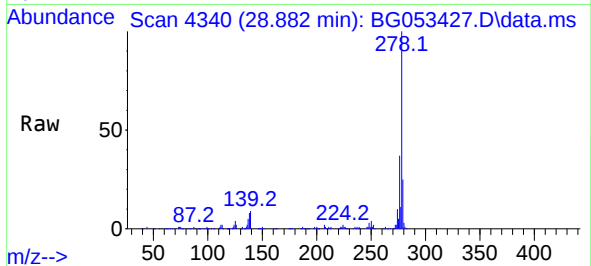
PB144537BS

Tgt Ion:278 Resp: 568764
Ion Ratio Lower Upper
278 100
139 9.0 7.8 11.6
279 24.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#92
Benzo(g,h,i)perylene
Concen: 46.506 ng
RT: 29.998 min Scan# 4530
Delta R.T. -0.010 min
Lab File: BG053427.D
Acq: 4 May 2022 12:17

Tgt Ion:276 Resp: 571032
Ion Ratio Lower Upper
276 100
277 22.8 18.2 27.2
138 12.3 9.1 13.7

