

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
 Data File : BG053428.D
 Acq On : 4 May 2022 12:59
 Operator : CG/JU
 Sample : PB144537BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144537BSD

Manual Integrations
 APPROVED

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

Quant Time: May 04 18:09:01 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	8.098	152	28619	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	112326	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	83486	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	205078	20.000	ng	# 0.00
76) Chrysene-d12	21.756	240	198278	20.000	ng	0.00
86) Perylene-d12	25.046	264	209472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	235159	140.852	ng	0.00
7) Phenol-d6	7.264	99	336605	130.740	ng	0.00
23) Nitrobenzene-d5	9.267	82	226743	81.963	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	160465	120.811	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	500210	82.618	ng	0.00
79) Terphenyl-d14	20.076	244	983935	83.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	32812	41.154	ng	96
3) Pyridine	3.945	79	75427	35.869	ng	# 85
4) n-Nitrosodimethylamine	3.857	42	50092	48.103	ng	86
6) Aniline	7.423	93	119470	40.040	ng	95
8) 2-Chlorophenol	7.670	128	88475	49.087	ng	90
9) Benzaldehyde	7.235	77	62790m	40.800	ng	
10) Phenol	7.294	94	121599	47.449	ng	87
11) bis(2-Chloroethyl)ether	7.511	93	85293	46.170	ng	91
12) 1,3-Dichlorobenzene	7.993	146	94805	45.265	ng	95
13) 1,4-Dichlorobenzene	8.134	146	96347	45.122	ng	98
14) 1,2-Dichlorobenzene	8.457	146	91899	44.632	ng	95
15) Benzyl Alcohol	8.339	79	100481m	43.908	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	136873	44.378	ng	99
17) 2-Methylphenol	8.545	107	83041	47.884	ng	97
18) Hexachloroethane	9.191	117	36514	45.602	ng	99
19) n-Nitroso-di-n-propyla...	8.903	70	80866	42.902	ng	96
20) 3+4-Methylphenols	8.874	107	110622	45.186	ng	92
22) Acetophenone	8.921	105	138243	44.362	ng	92
24) Nitrobenzene	9.309	77	123763	45.995	ng	92
25) Isophorone	9.825	82	217824	46.325	ng	98
26) 2-Nitrophenol	10.019	139	50109	44.534	ng	# 82
27) 2,4-Dimethylphenol	10.078	122	88545	54.947	ng	96
28) bis(2-Chloroethoxy)met...	10.307	93	118528	44.869	ng	99
29) 2,4-Dichlorophenol	10.566	162	94968	46.878	ng	99
30) 1,2,4-Trichlorobenzene	10.777	180	99580	43.431	ng	98
31) Naphthalene	10.965	128	266226	44.424	ng	99
32) Benzoic acid	10.248	122	38642	37.689	ng	# 86
33) 4-Chloroaniline	11.065	127	80816	31.491	ng	96
34) Hexachlorobutadiene	11.247	225	72084	42.323	ng	98
35) Caprolactam	11.840	113	31674m	44.357	ng	
36) 4-Chloro-3-methylphenol	12.193	107	110079	46.673	ng	91
37) 2-Methylnaphthalene	12.563	142	190332	42.922	ng	96
38) 1-Methylnaphthalene	12.780	142	185865	42.940	ng	# 92
40) 1,2,4,5-Tetrachloroben...	12.927	216	123576	43.582	ng	99
41) Hexachlorocyclopentadiene	12.910	237	134717	92.037	ng	96
43) 2,4,6-Trichlorophenol	13.168	196	82975	42.443	ng	97

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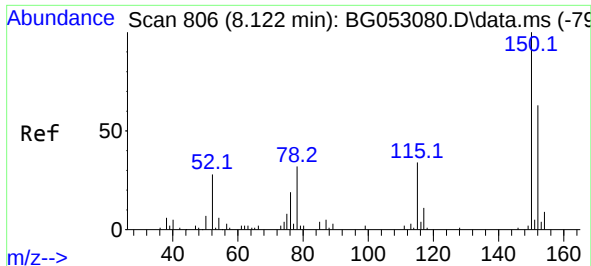
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	91230	43.792	ng	94
46) 1,1'-Biphenyl	13.562	154	263602	43.845	ng	99
47) 2-Chloronaphthalene	13.609	162	207943	43.352	ng	95
48) 2-Nitroaniline	13.808	65	83098	45.651	ng	90
49) Acenaphthylene	14.449	152	352001	46.880	ng	98
50) Dimethylphthalate	14.173	163	292551	43.811	ng	100
51) 2,6-Dinitrotoluene	14.296	165	63766	45.774	ng	# 80
52) Acenaphthene	14.789	154	245713m	48.255	ng	
53) 3-Nitroaniline	14.631	138	51594	35.026	ng	99
54) 2,4-Dinitrophenol	14.842	184	69356	78.247	ng	# 82
55) Dibenzofuran	15.124	168	339310	42.556	ng	96
56) 4-Nitrophenol	14.942	139	94164	83.818	ng	# 72
57) 2,4-Dinitrotoluene	15.089	165	91901	46.338	ng	91
58) Fluorene	15.776	166	278364	43.226	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.353	232	85835	42.427	ng	98
60) Diethylphthalate	15.530	149	300455	42.944	ng	98
61) 4-Chlorophenyl-phenyle...	15.759	204	154564	42.341	ng	99
62) 4-Nitroaniline	15.794	138	67036	43.128	ng	# 80
63) Azobenzene	16.052	77	302956	42.949	ng	97
65) 4,6-Dinitro-2-methylph...	15.853	198	52957	37.013	ng	95
66) n-Nitrosodiphenylamine	15.976	169	252645	42.840	ng	99
67) 4-Bromophenyl-phenylether	16.652	248	110913	42.208	ng	95
68) Hexachlorobenzene	16.787	284	121358	42.645	ng	95
69) Atrazine	16.916	200	109405	47.492	ng	95
70) Pentachlorophenol	17.127	266	124382	79.974	ng	92
71) Phenanthrene	17.515	178	482049	43.033	ng	98
72) Anthracene	17.609	178	488459	44.015	ng	98
73) Carbazole	17.873	167	448314	41.559	ng	99
74) Di-n-butylphthalate	18.420	149	526474	43.032	ng	98
75) Fluoranthene	19.524	202	626329	43.620	ng	100
77) Benzidine	19.695	184	301556	53.305	ng	100
78) Pyrene	19.882	202	619752	43.888	ng	99
80) Butylbenzylphthalate	20.758	149	228788	43.457	ng	99
81) Benzo(a)anthracene	21.739	228	606283	44.722	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	172415	34.582	ng	98
83) Chrysene	21.803	228	556227	44.209	ng	100
84) Bis(2-ethylhexyl)phtha...	21.627	149	324709	45.629	ng	98
85) Di-n-octyl phthalate	22.855	149	551620	46.348	ng	97
87) Indeno(1,2,3-cd)pyrene	28.817	276	683057	43.891	ng	# 96
88) Benzo(b)fluoranthene	24.000	252	635588	48.091	ng	98
89) Benzo(k)fluoranthene	24.071	252	597208	45.977	ng	99
90) Benzo(a)pyrene	24.893	252	609127	54.100	ng	98
91) Dibenzo(a,h)anthracene	28.876	278	585842	45.737	ng	98
92) Benzo(g,h,i)perylene	30.010	276	580762	46.002	ng	97

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



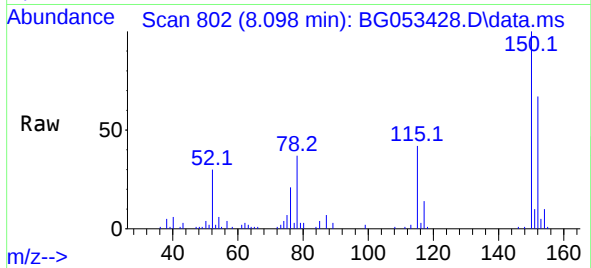
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.098 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

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PB144537BSD

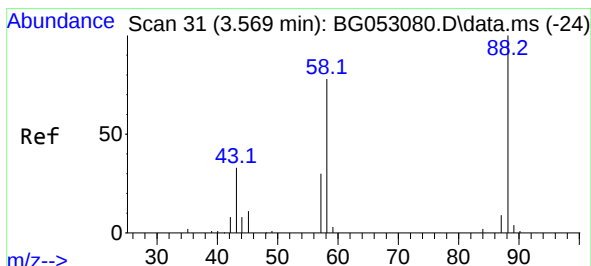
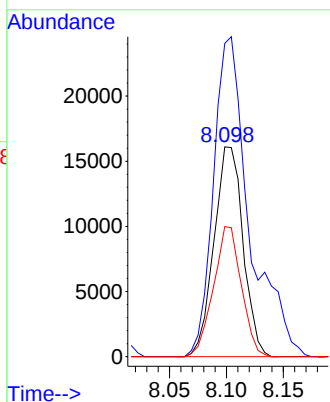
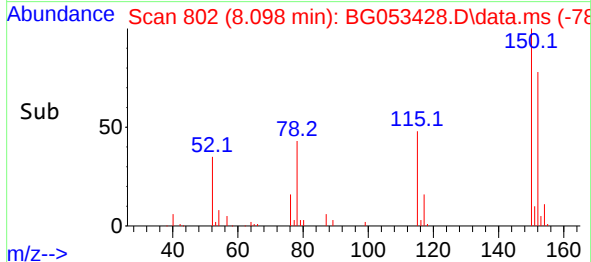


Tgt Ion:152 Resp: 28619
Ion Ratio Lower Upper
152 100
150 149.4 114.6 172.0
115 62.0 45.9 68.9

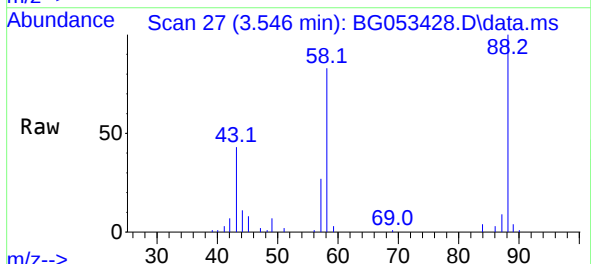
Manual Integrations

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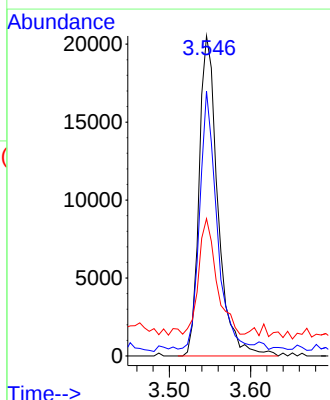
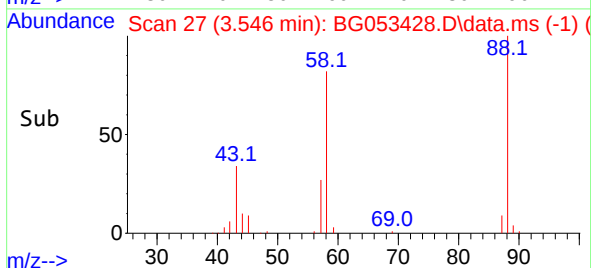
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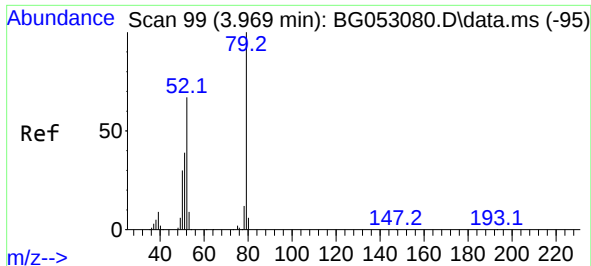


#2
1,4-Dioxane
Concen: 41.154 ng
RT: 3.546 min Scan# 27
Delta R.T. -0.010 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion: 88 Resp: 32812
Ion Ratio Lower Upper
88 100
58 73.8 58.2 87.2
43 34.4 23.4 35.0





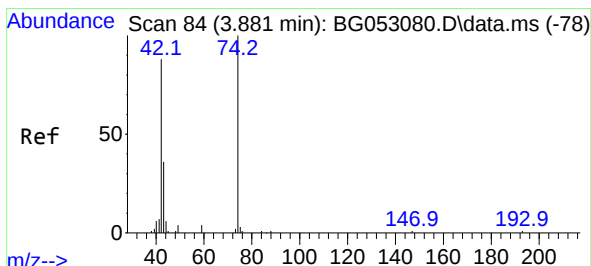
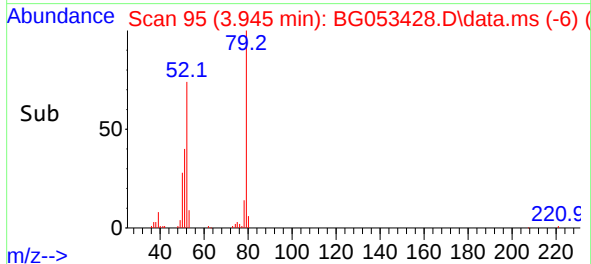
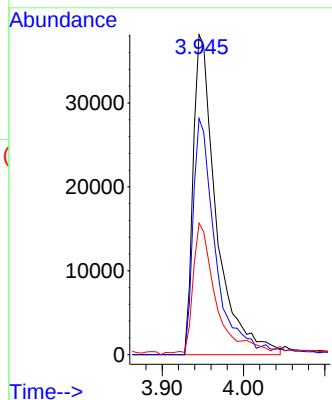
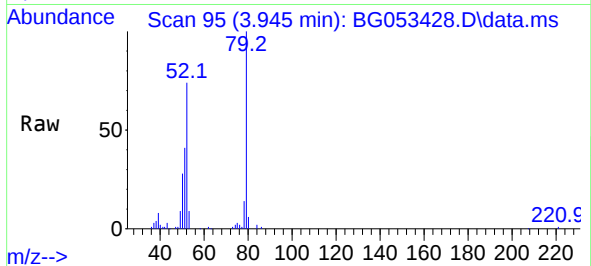
#3
Pyridine
Concen: 35.869 ng
RT: 3.945 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :
BNA_G
ClientSampleId :
PB144537BSD

Tgt Ion: 79 Resp: 7542
Ion Ratio Lower Upper
79 100
52 73.8 50.9 76.3
51 41.1 24.4 36.6

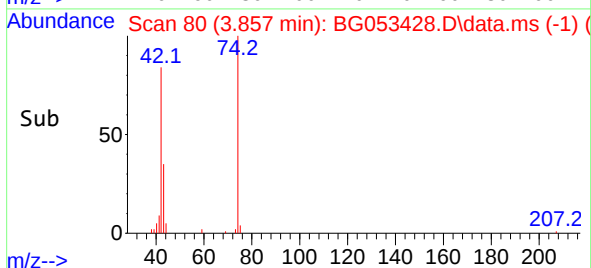
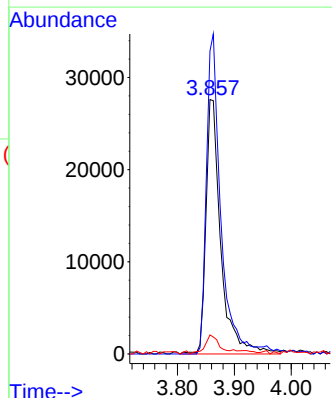
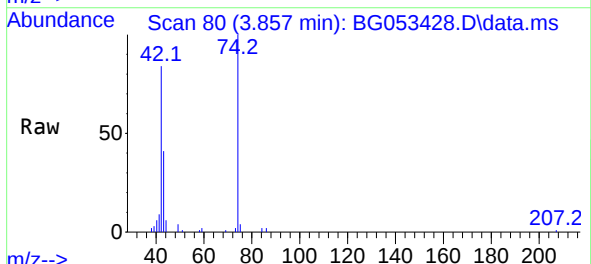
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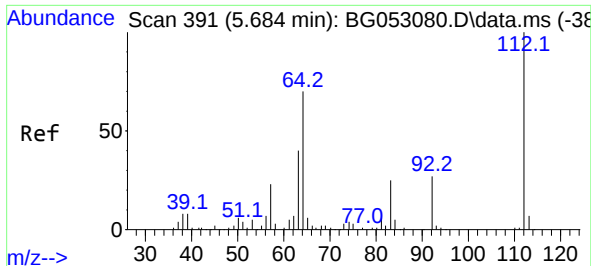
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#4
n-Nitrosodimethylamine
Concen: 48.103 ng
RT: 3.857 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Tgt Ion: 42 Resp: 50092
Ion Ratio Lower Upper
42 100
74 119.0 108.9 163.3
44 7.5 5.7 8.5





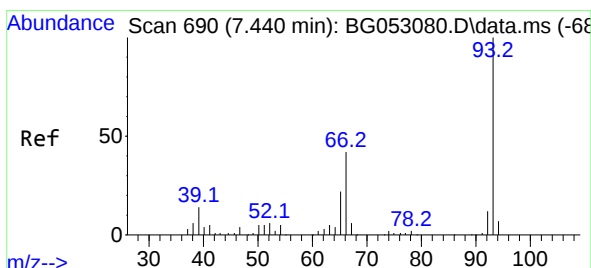
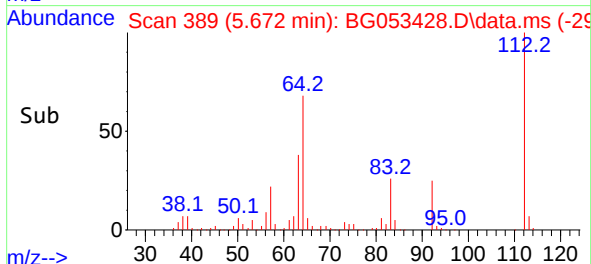
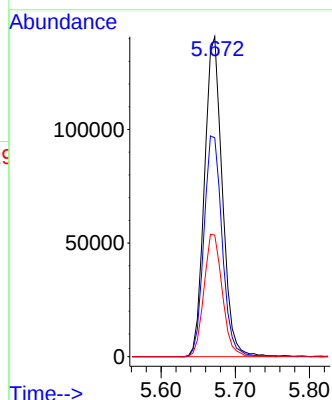
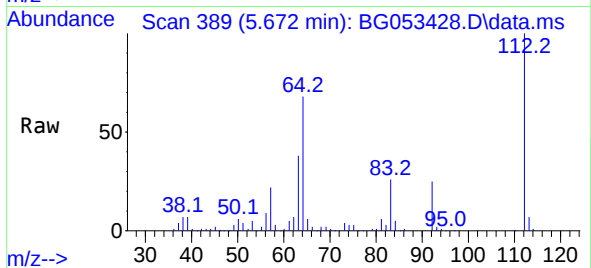
#5
2-Fluorophenol
Concen: 140.852 ng
RT: 5.672 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

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Tgt Ion:112 Resp: 23515
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 38.0 26.5 39.7

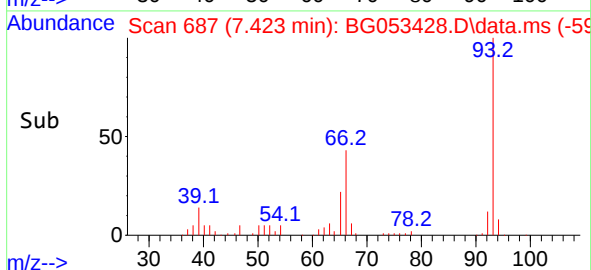
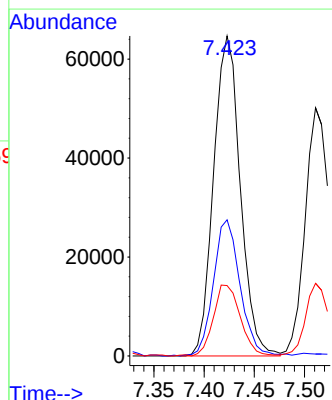
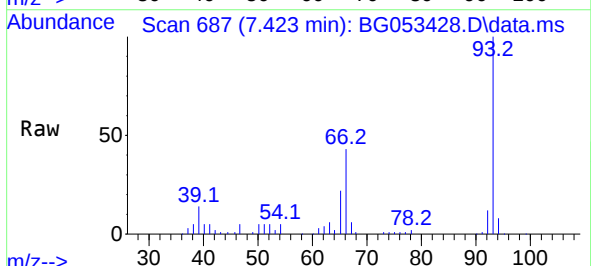
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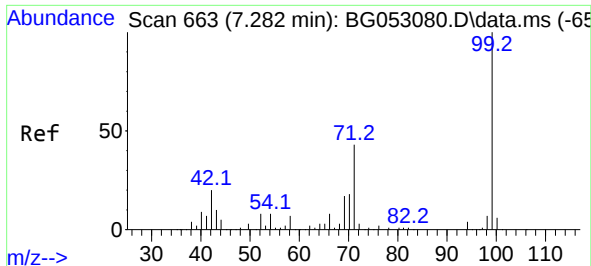
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#6
Aniline
Concen: 40.040 ng
RT: 7.423 min Scan# 687
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Tgt Ion: 93 Resp: 119470
Ion Ratio Lower Upper
93 100
66 42.6 31.3 46.9
65 22.0 16.7 25.1





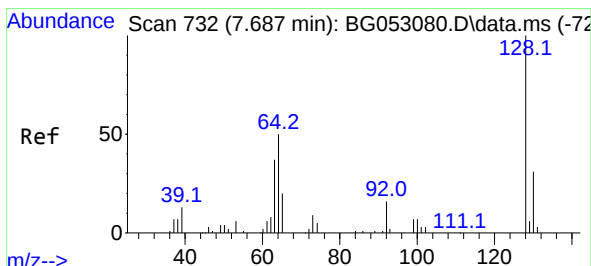
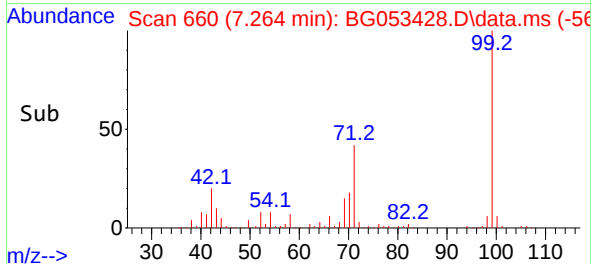
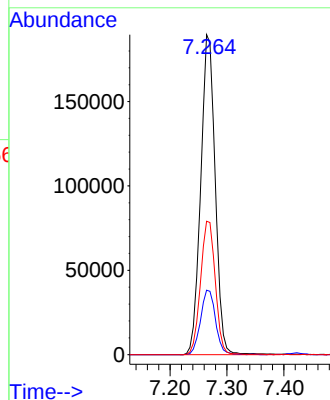
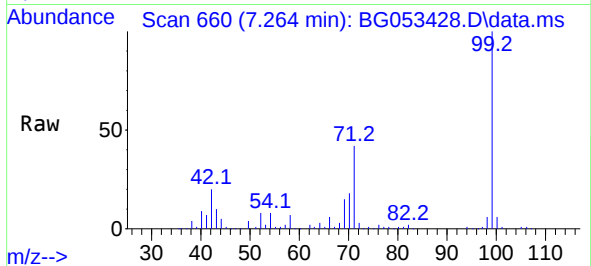
#7
Phenol-d6
Concen: 130.740 ng
RT: 7.264 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 33660
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 41.7 29.2 43.8

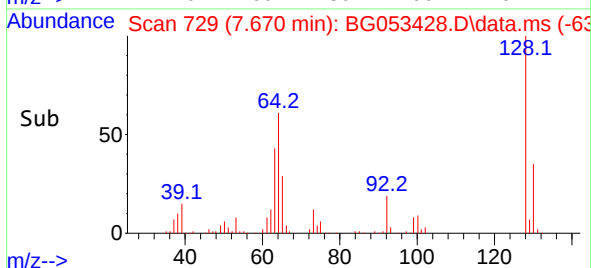
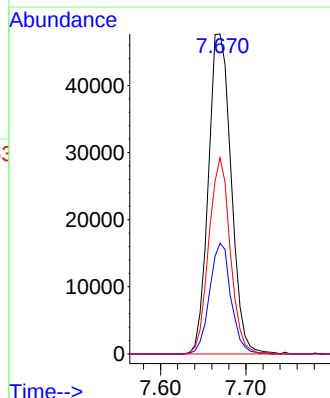
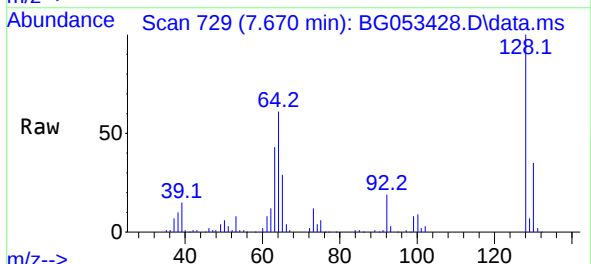
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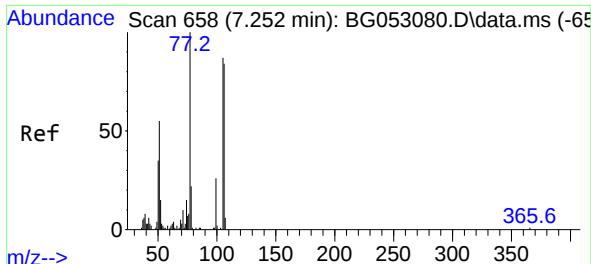
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#8
2-Chlorophenol
Concen: 49.087 ng
RT: 7.670 min Scan# 729
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

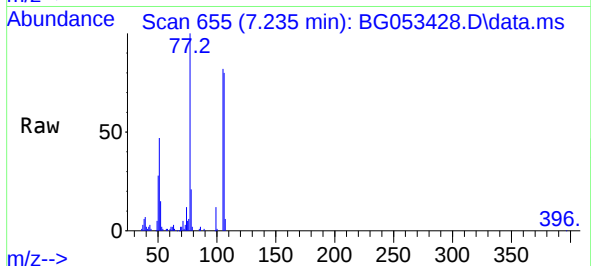
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Ion Ratio Lower Upper
128 100
130 34.6 13.4 53.4
64 61.3 30.9 70.9





#9
Benzaldehyde
Concen: 40.800 ng m
RT: 7.235 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053428.D
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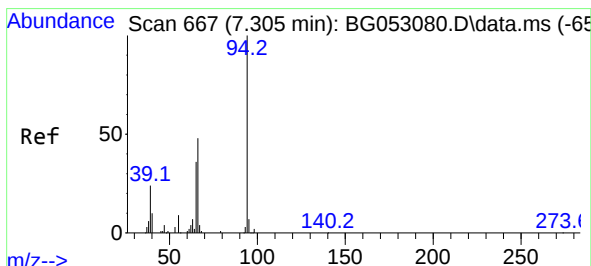
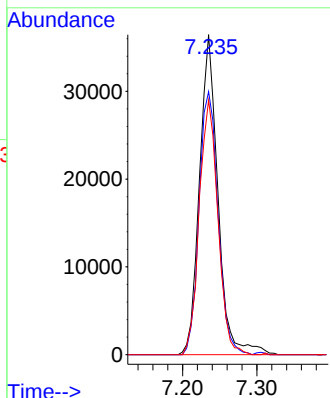
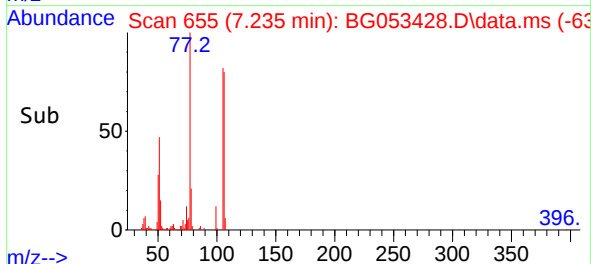
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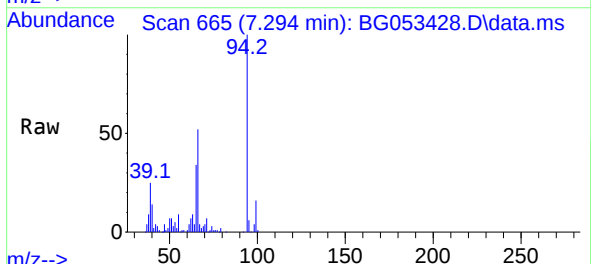
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Ion Ratio Lower Upper
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105 82.2 70.6 110.6
106 79.5 67.6 107.6

Manual Integrations
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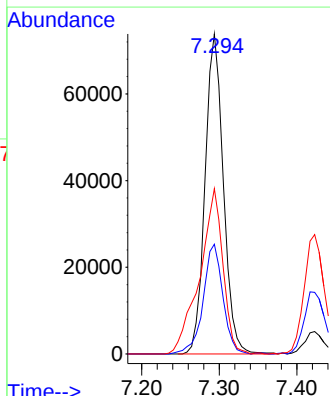
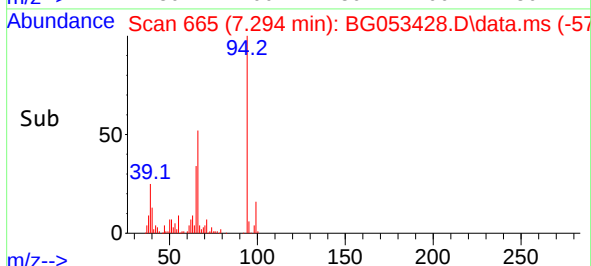
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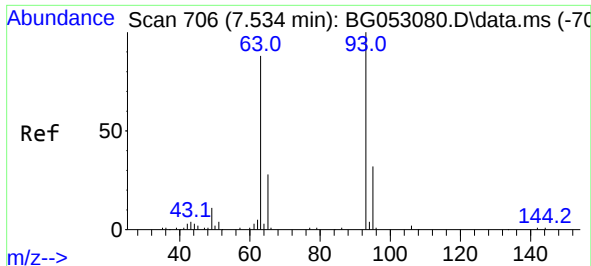


#10
Phenol
Concen: 47.449 ng
RT: 7.294 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion: 94 Resp: 121599
Ion Ratio Lower Upper
94 100
65 34.3 11.1 51.1
66 51.6 20.0 60.0





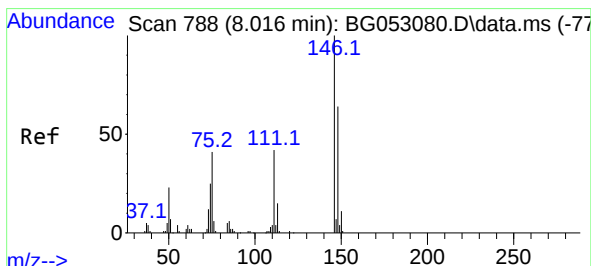
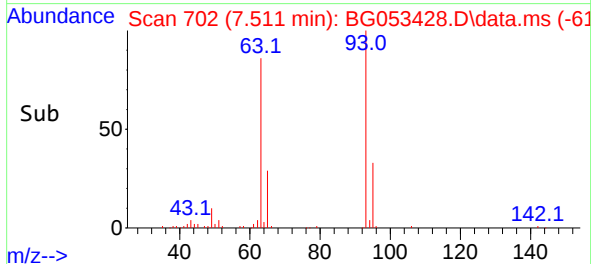
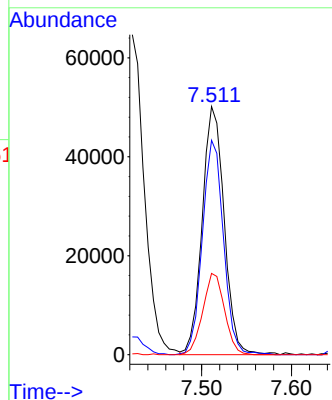
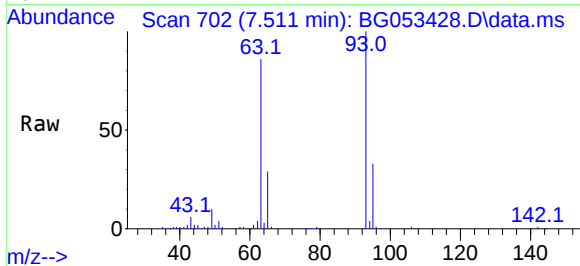
#11
bis(2-Chloroethyl)ether
Concen: 46.170 ng
RT: 7.511 min Scan# 706
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :
BNA_G
ClientSampleId :
PB144537BSD

Tgt Ion: 93 Resp: 85293
Ion Ratio Lower Upper
93 100
63 86.4 56.9 96.9
95 32.7 14.5 54.5

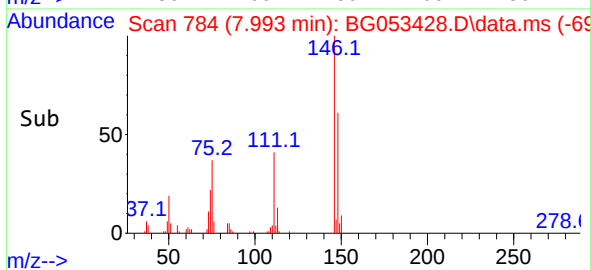
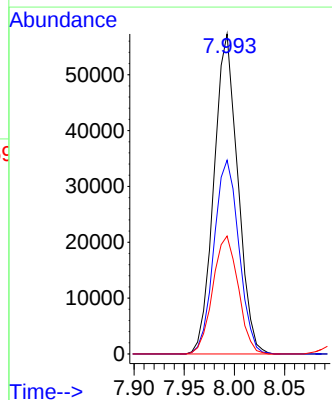
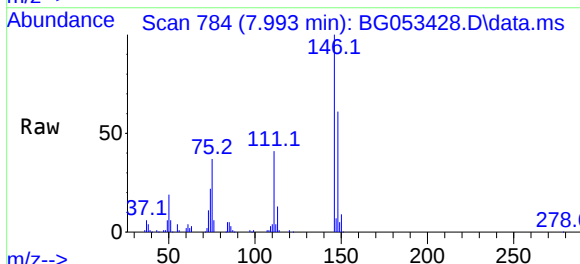
Manual Integrations
APPROVED

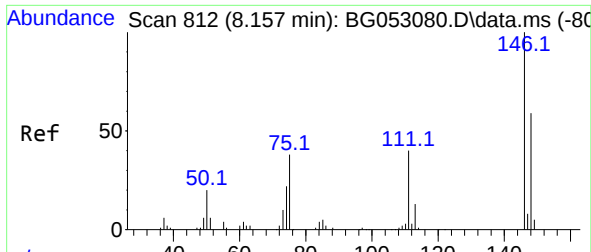
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#12
1,3-Dichlorobenzene
Concen: 45.265 ng
RT: 7.993 min Scan# 784
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

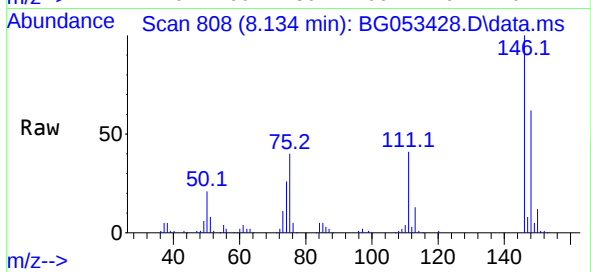
Tgt Ion:146 Resp: 94805
Ion Ratio Lower Upper
146 100
148 60.5 50.6 76.0
75 36.9 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 45.122 ng
RT: 8.134 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

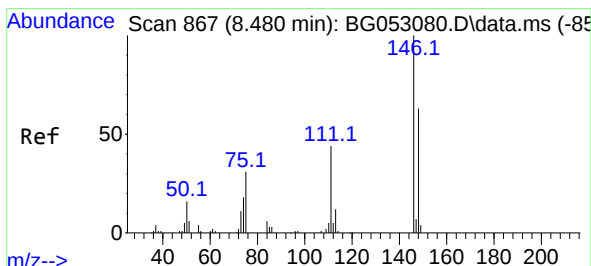
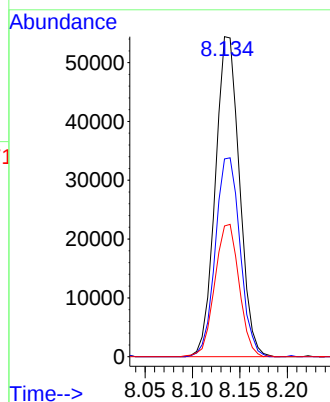
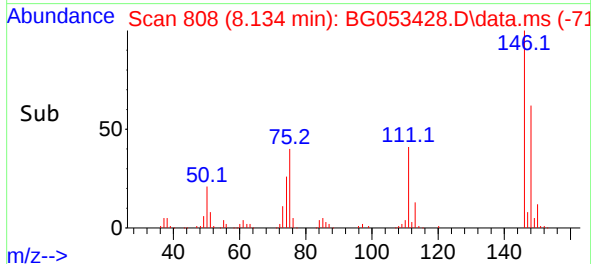
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



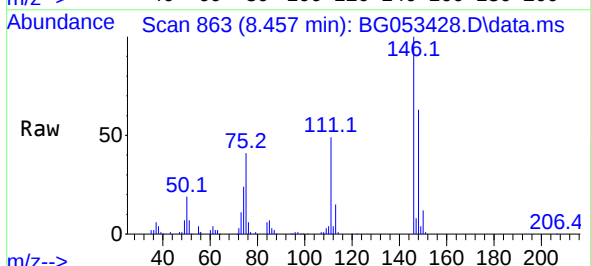
Tgt Ion:146 Resp: 9634
Ion Ratio Lower Upper
146 100
148 61.8 50.0 75.0
111 40.8 31.0 46.4

Manual Integrations
APPROVED

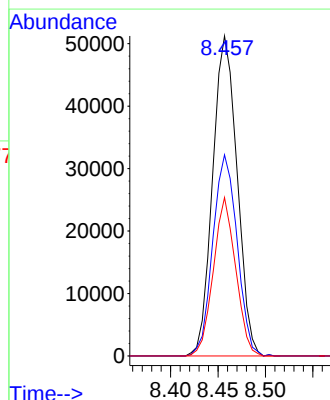
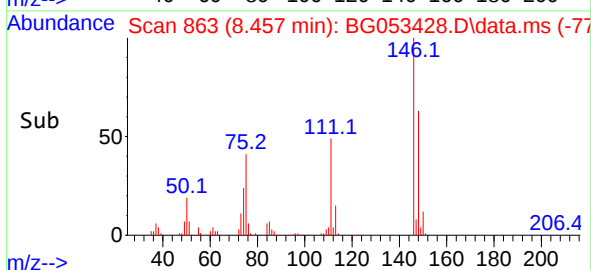
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

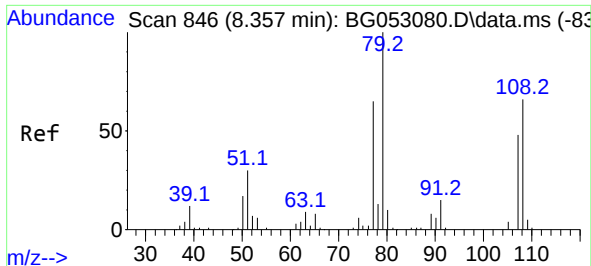


#14
1,2-Dichlorobenzene
Concen: 44.632 ng
RT: 8.457 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:146 Resp: 91899
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 49.5 34.7 52.1





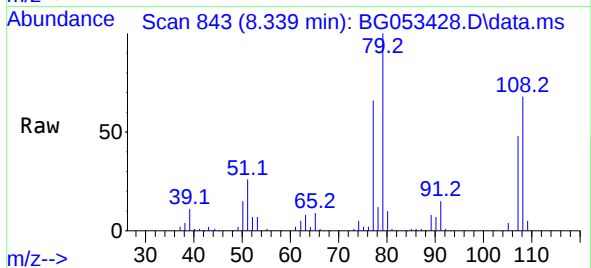
#15
Benzyl Alcohol
Concen: 43.908 ng m
RT: 8.339 min Scan# 843
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

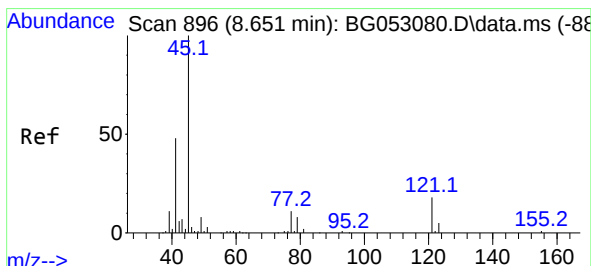
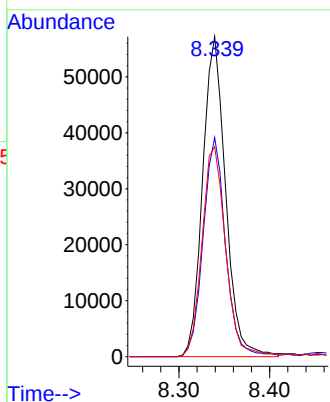
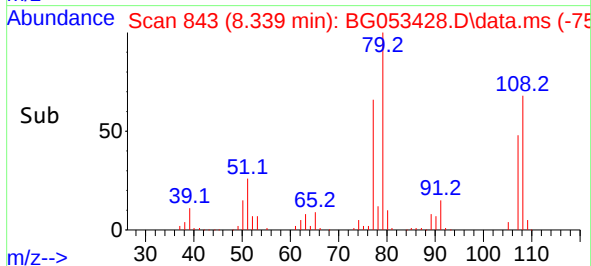
PB144537BSD



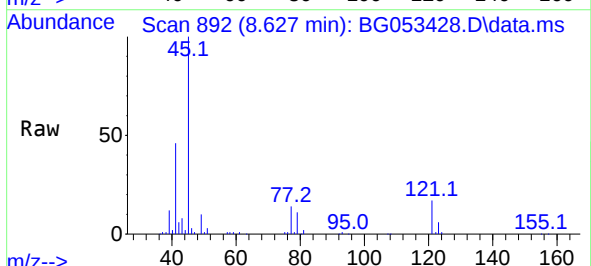
Tgt Ion: 79 Resp: 10048
Ion Ratio Lower Upper
79 100
108 68.5 55.1 82.7
77 65.6 52.4 78.6

Manual Integrations
APPROVED

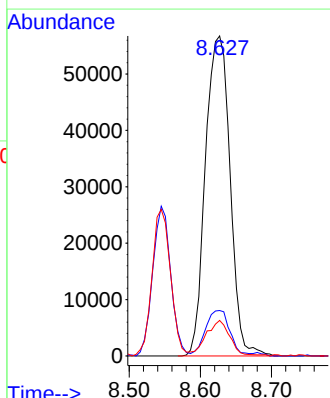
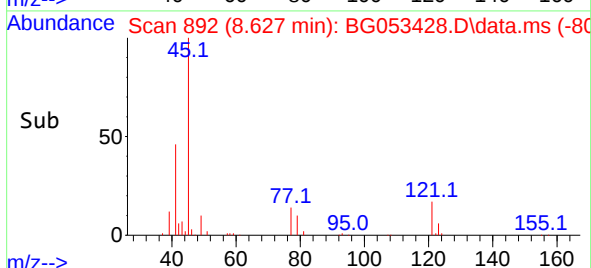
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

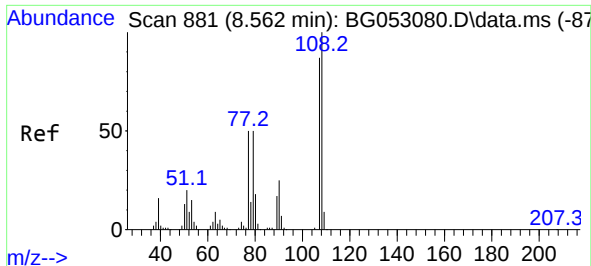


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.378 ng
RT: 8.627 min Scan# 892
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



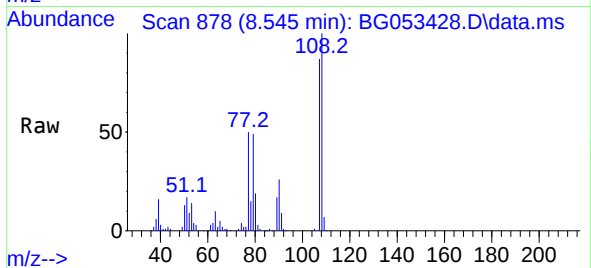
Tgt Ion: 45 Resp: 136873
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.9
79 11.1 0.0 30.7





#17
2-Methylphenol
Concen: 47.884 ng
RT: 8.545 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

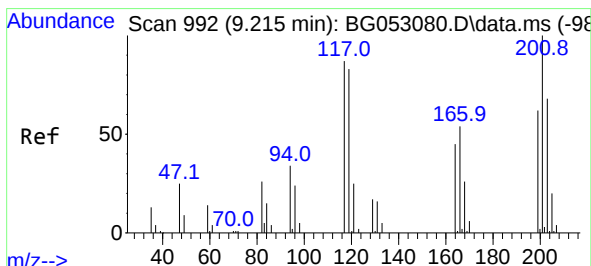
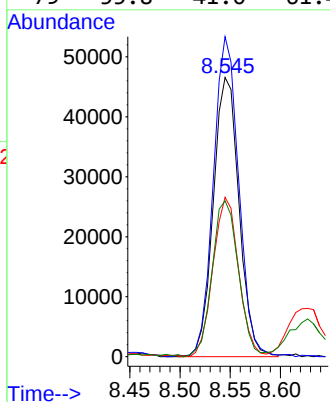
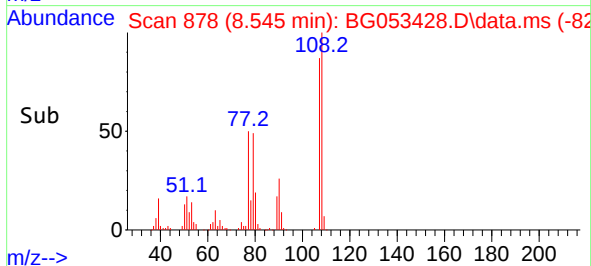
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



Tgt Ion:	107	Resp:	8304
Ion Ratio	Lower	Upper	
107	100		
108	114.6	91.5	137.3
77	57.0	42.5	63.7
79	55.8	41.0	61.4

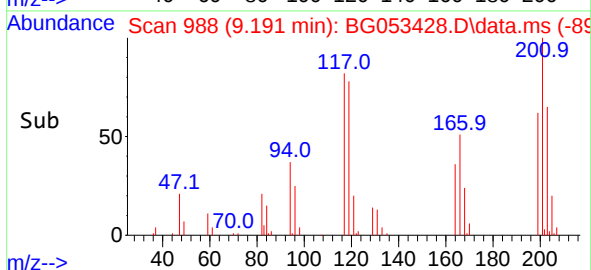
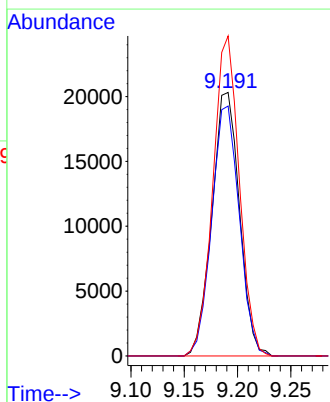
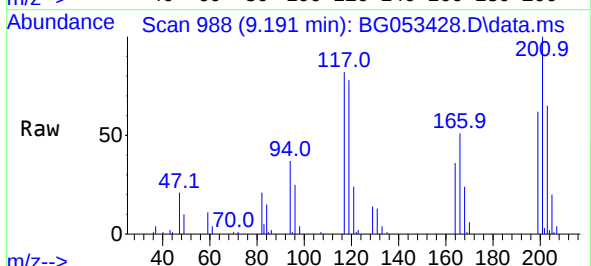
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 45.602 ng
RT: 9.191 min Scan# 988
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

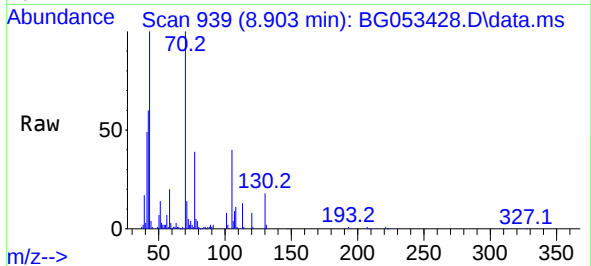
Tgt Ion:	117	Resp:	36514
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.1	112.7
201	121.5	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.902 ng
RT: 8.903 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

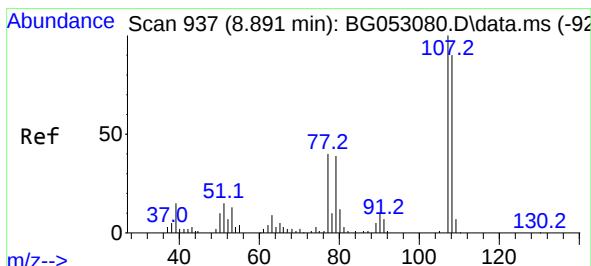
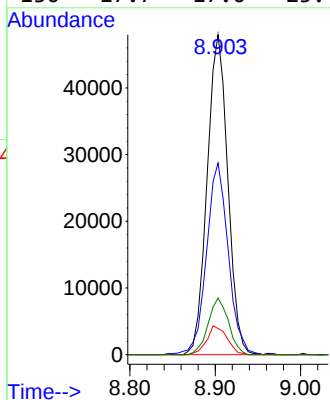
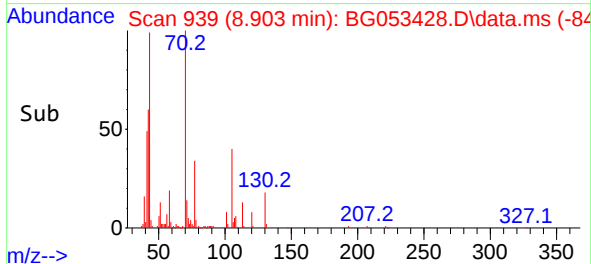
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



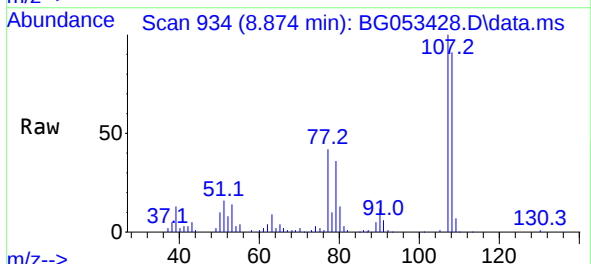
Tgt Ion: 70 Resp: 8086
Ion Ratio Lower Upper
70 100
42 59.9 46.0 69.0
101 8.2 6.2 9.4
130 17.7 17.0 25.4

Manual Integrations
APPROVED

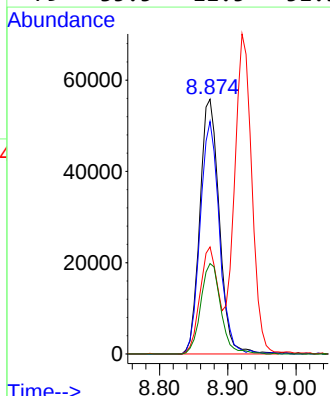
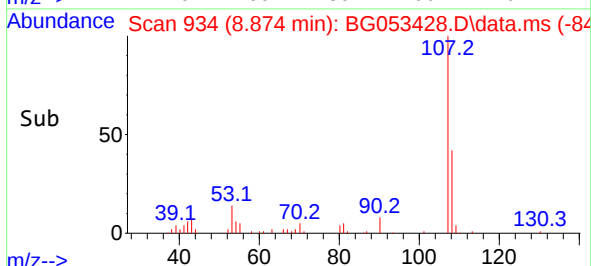
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

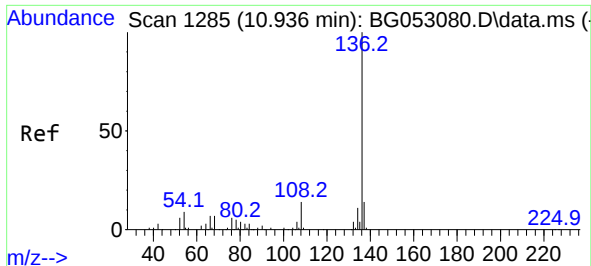


#20
3+4-Methylphenols
Concen: 45.186 ng
RT: 8.874 min Scan# 934
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



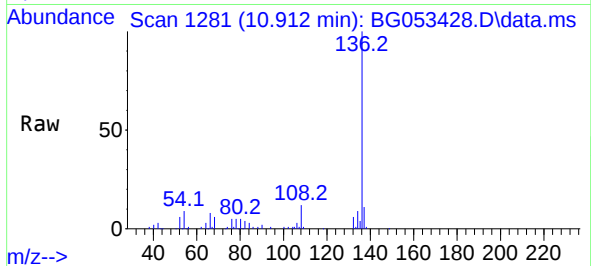
Tgt Ion:107 Resp: 110622
Ion Ratio Lower Upper
107 100
108 91.3 64.8 104.8
77 42.0 15.9 55.9
79 35.5 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 112320
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

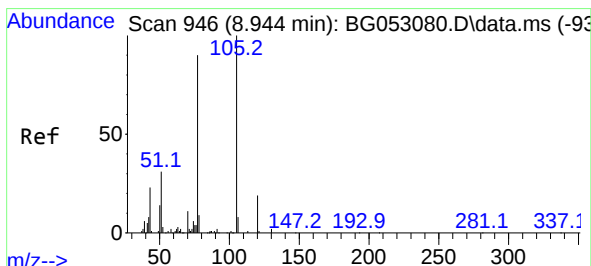
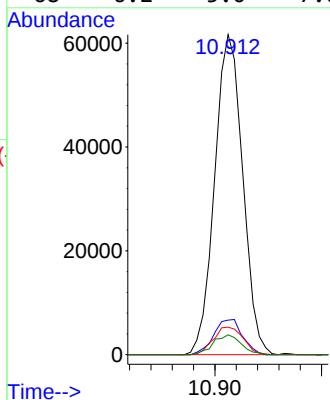
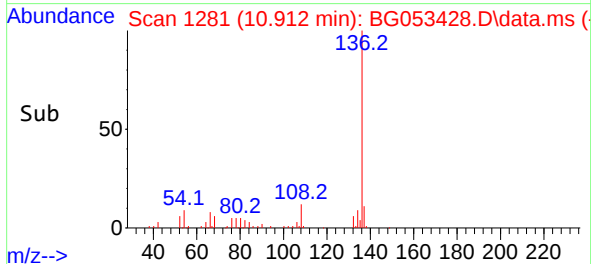
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



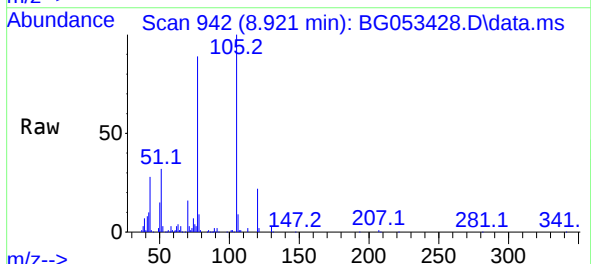
Tgt Ion:	136	Resp:	112320
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.2
54	8.6	6.4	9.6
68	6.2	5.0	7.6

Manual Integrations
APPROVED

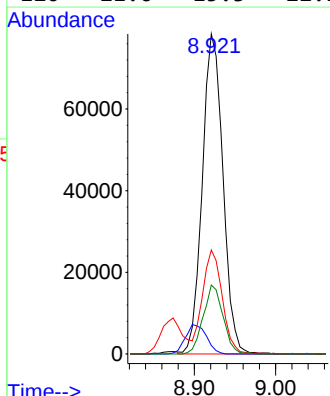
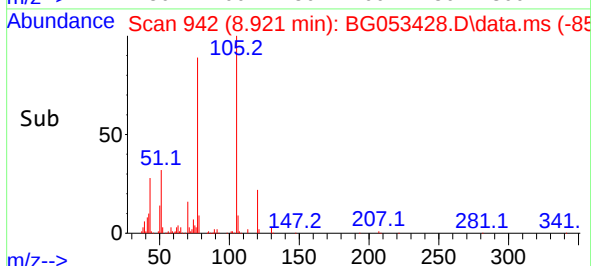
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

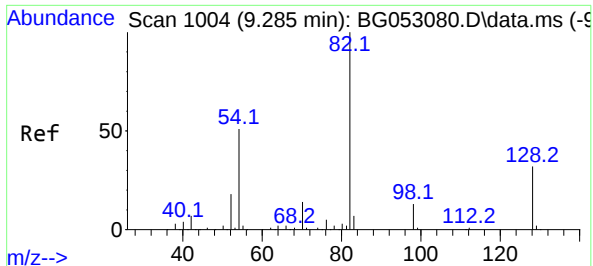


#22
Acetophenone
Concen: 44.362 ng
RT: 8.921 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:	105	Resp:	138243
Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.1	3.1
51	32.5	21.9	32.9
120	21.6	15.3	22.9





#23

Nitrobenzene-d5

Concen: 81.963 ng

RT: 9.267 min Scan# 1004

Delta R.T. 0.002 min

Lab File: BG053428.D

Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

PB144537BSD

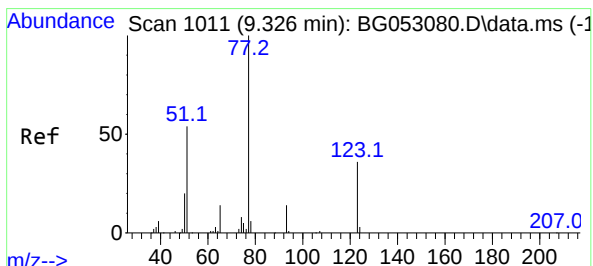
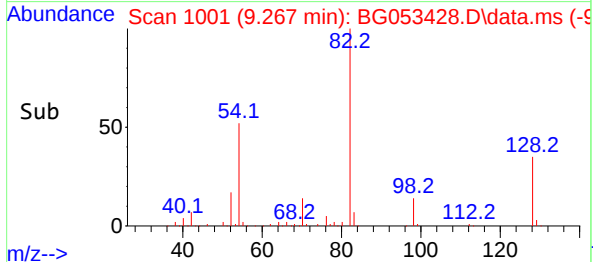
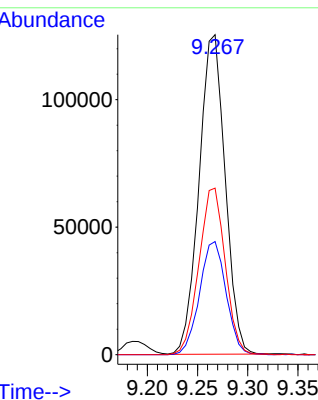
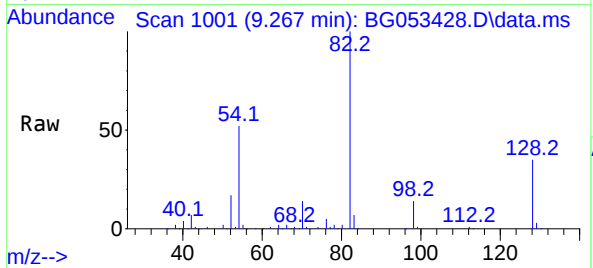
Tgt Ion: 82 Resp: 22674

Ion	Ratio	Lower	Upper
82	100		
128	35.3	31.3	46.9
54	52.1	37.8	56.8

Manual Integrations

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



#24

Nitrobenzene

Concen: 45.995 ng

RT: 9.309 min Scan# 1008

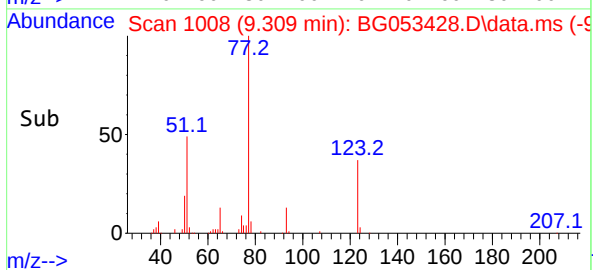
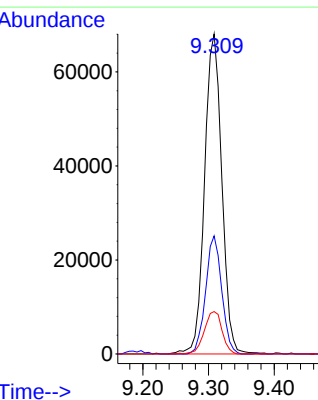
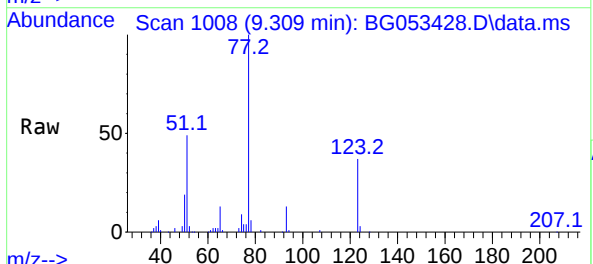
Delta R.T. 0.002 min

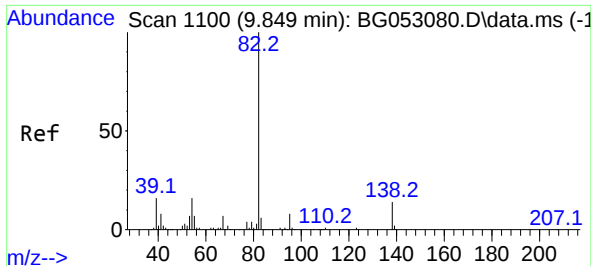
Lab File: BG053428.D

Acq: 4 May 2022 12:59

Tgt Ion: 77 Resp: 123763

Ion	Ratio	Lower	Upper
77	100		
123	36.9	34.4	51.6
65	13.3	11.2	16.8





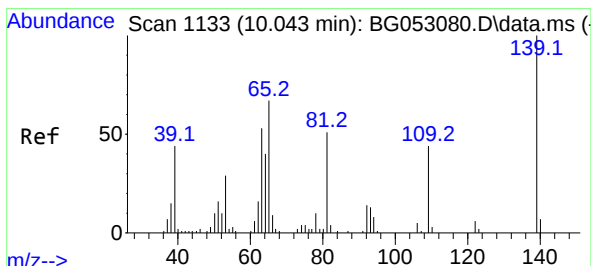
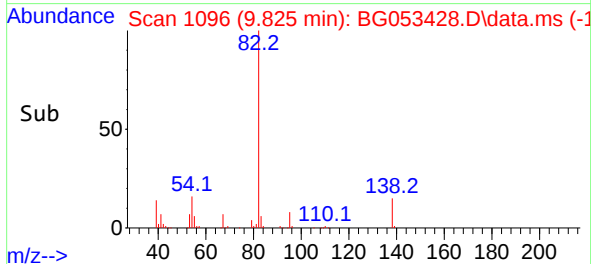
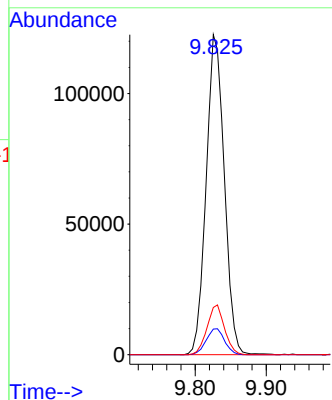
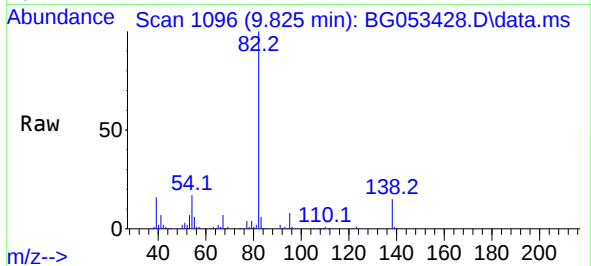
#25
Isophorone
Concen: 46.325 ng
RT: 9.825 min Scan# 1100
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :
BNA_G
ClientSampleId :
PB144537BSD

Tgt Ion: 82 Resp: 217824
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 14.8 12.6 18.8

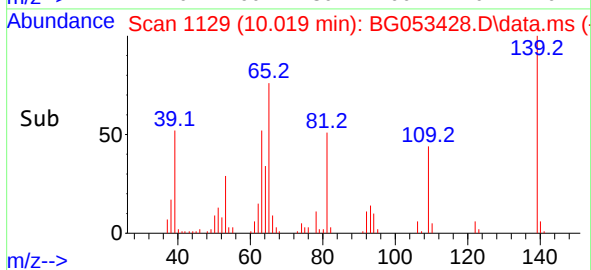
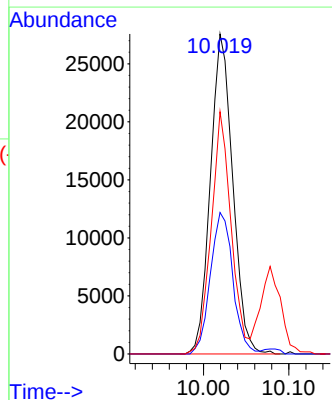
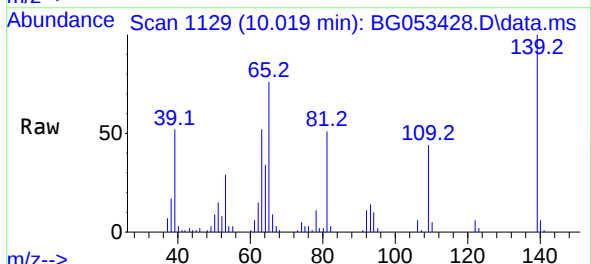
Manual Integrations
APPROVED

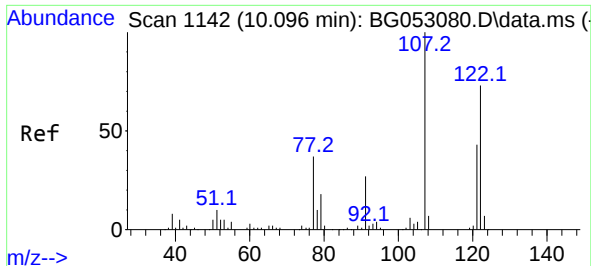
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#26
2-Nitrophenol
Concen: 44.534 ng
RT: 10.019 min Scan# 1129
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Tgt Ion:139 Resp: 50109
Ion Ratio Lower Upper
139 100
109 44.2 29.4 44.0#
65 75.7 48.2 72.2#





#27
2,4-Dimethylphenol
Concen: 54.947 ng
RT: 10.078 min Scan# 1142
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

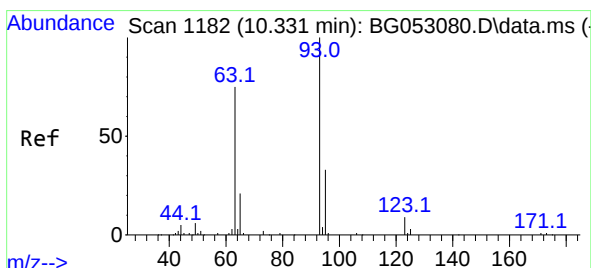
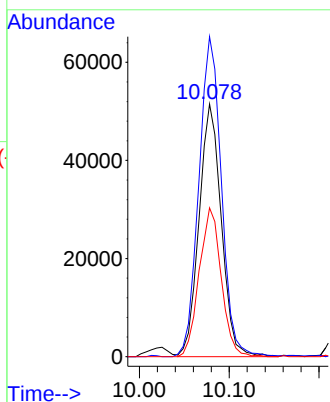
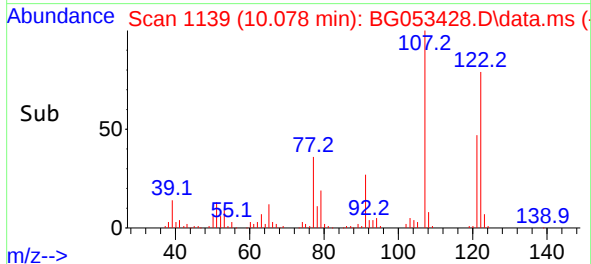
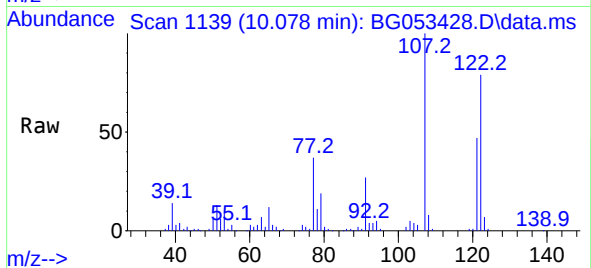
PB144537BSD

Tgt Ion:122 Resp: 8854
Ion Ratio Lower Upper
122 100
107 126.7 96.7 145.1
121 58.9 46.3 69.5

Manual Integrations

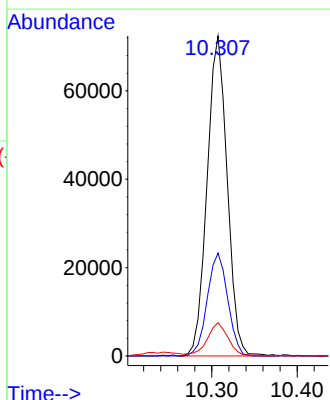
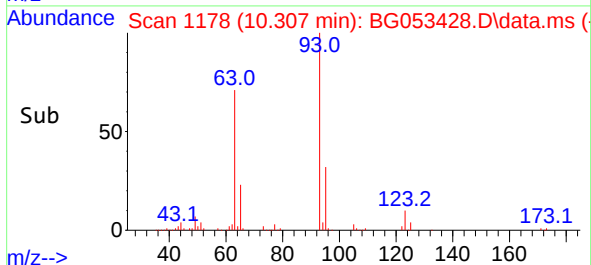
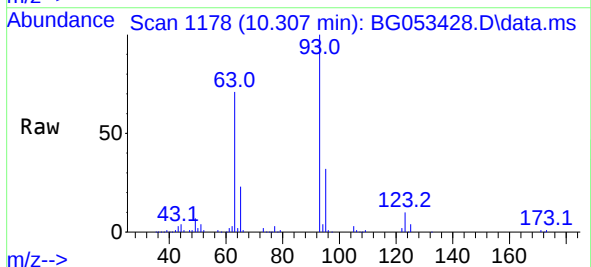
APPROVED

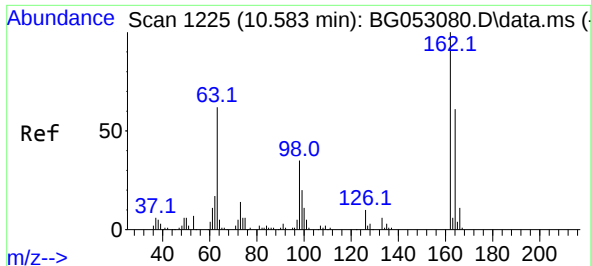
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.869 ng
RT: 10.307 min Scan# 1178
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Tgt Ion: 93 Resp: 118528
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 10.4 8.6 12.8





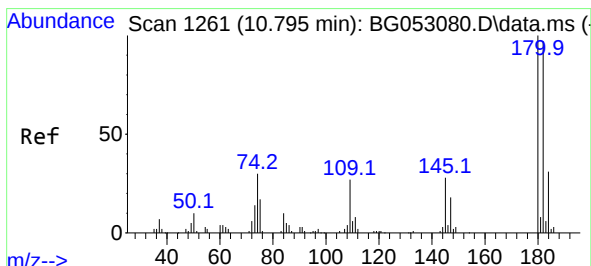
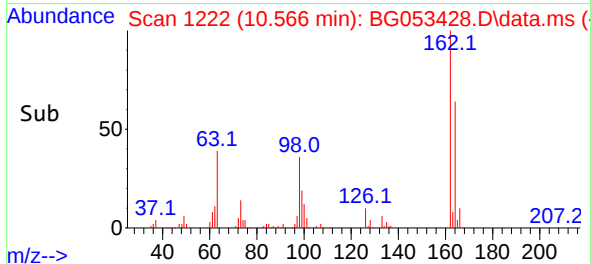
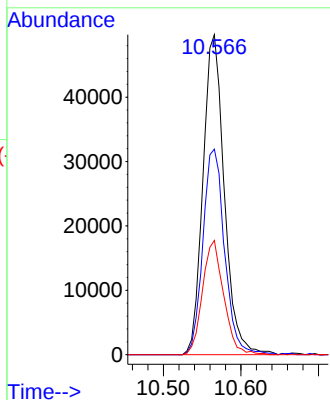
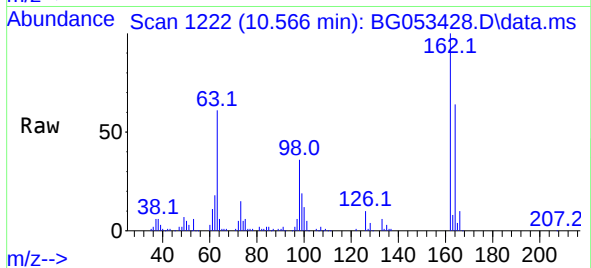
#29
2,4-Dichlorophenol
Concen: 46.878 ng
RT: 10.566 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :
BNA_G
ClientSampleId :
PB144537BSD

Tgt Ion:162 Resp: 9496
Ion Ratio Lower Upper
162 100
164 64.3 44.0 84.0
98 35.7 17.3 57.3

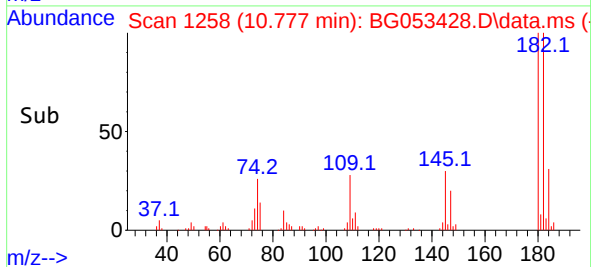
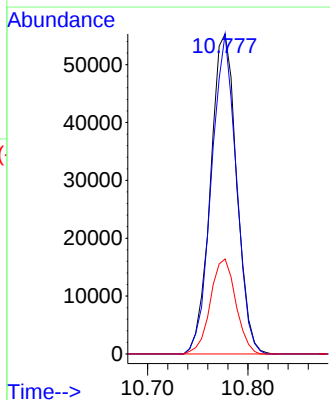
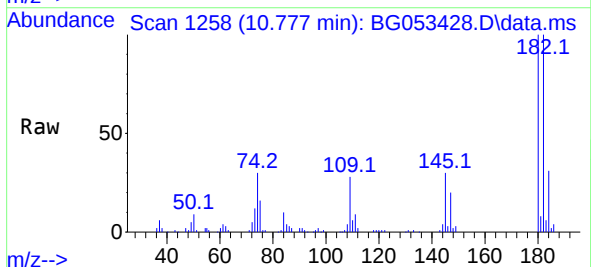
Manual Integrations
APPROVED

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



#30
1,2,4-Trichlorobenzene
Concen: 43.431 ng
RT: 10.777 min Scan# 1258
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Tgt Ion:180 Resp: 99580
Ion Ratio Lower Upper
180 100
182 99.9 77.8 116.6
145 29.7 24.4 36.6





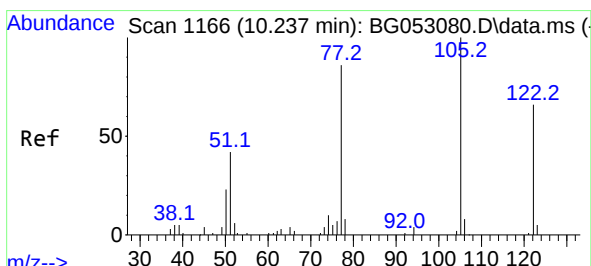
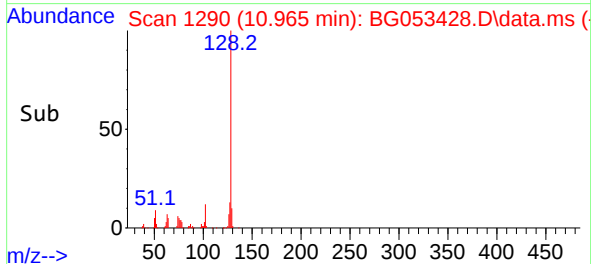
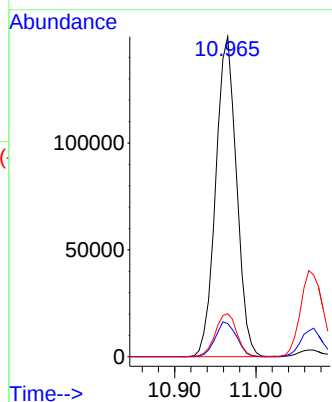
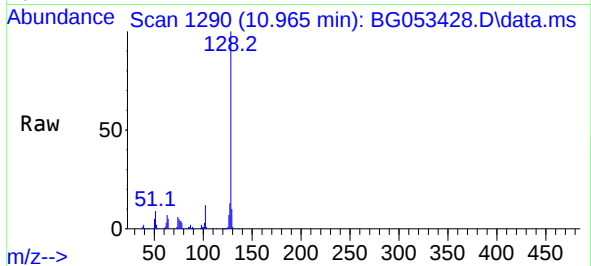
#31
Naphthalene
Concen: 44.424 ng
RT: 10.965 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :
BNA_G
ClientSampleId :
PB144537BSD

Tgt Ion:128 Resp: 266220
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.5 10.5 15.7

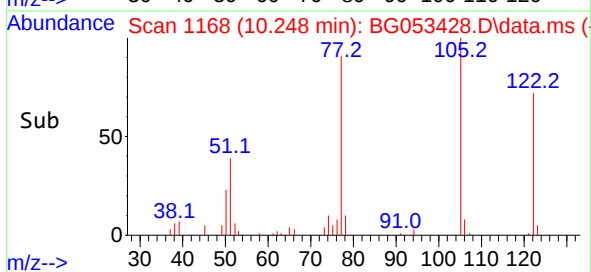
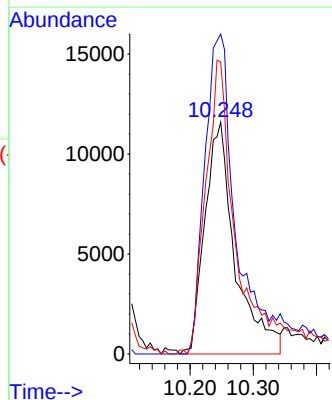
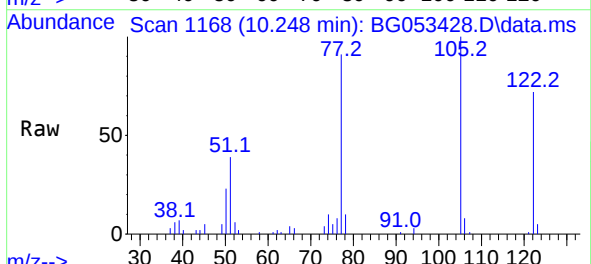
Manual Integrations
APPROVED

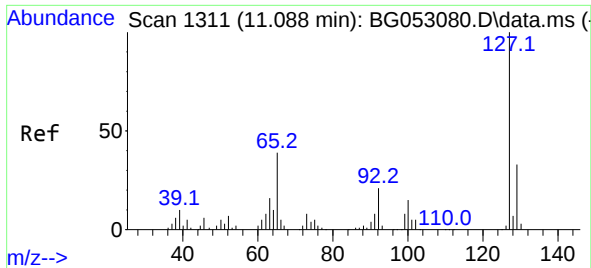
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#32
Benzoic acid
Concen: 37.689 ng
RT: 10.248 min Scan# 1168
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Tgt Ion:122 Resp: 38642
Ion Ratio Lower Upper
122 100
105 138.0 112.8 152.8
77 125.9 78.4 118.4#





#33
4-Chloroaniline
Concen: 31.491 ng
RT: 11.065 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

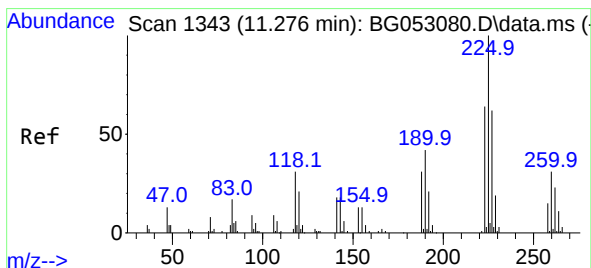
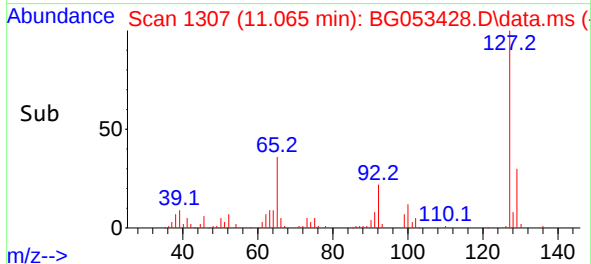
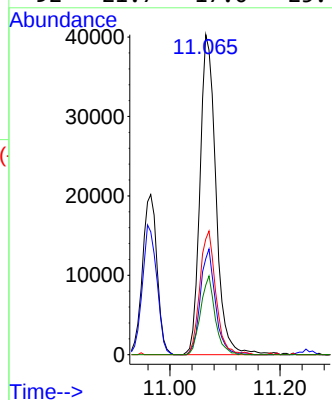
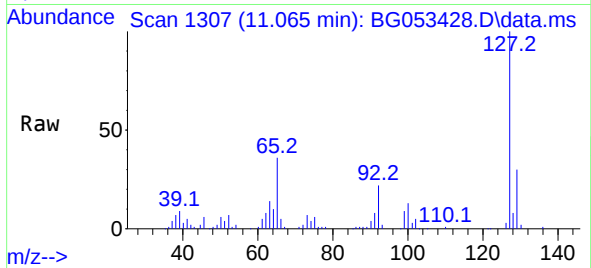
PB144537BSD

Tgt Ion:127 Resp: 80810
Ion Ratio Lower Upper
127 100
129 30.0 27.6 41.4
65 36.2 28.2 42.4
92 21.7 17.0 25.4

Manual Integrations

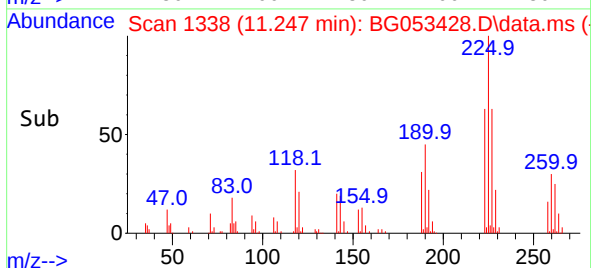
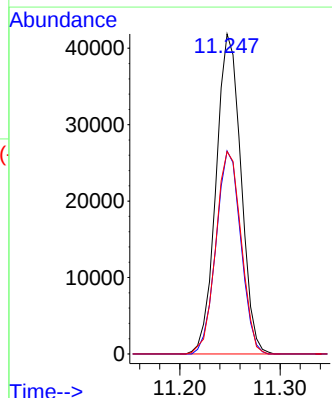
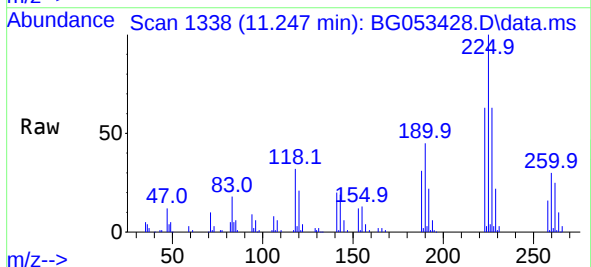
APPROVED

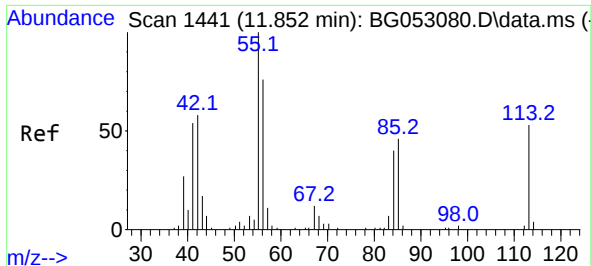
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#34
Hexachlorobutadiene
Concen: 42.323 ng
RT: 11.247 min Scan# 1338
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

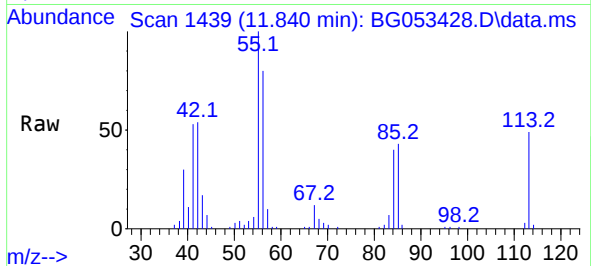
Tgt Ion:225 Resp: 72084
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.2
227 63.3 52.0 78.0





#35
Caprolactam
Concen: 44.357 ng m
RT: 11.840 min Scan# 1441
Delta R.T. -0.010 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

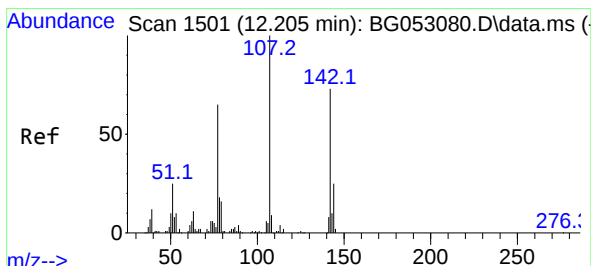
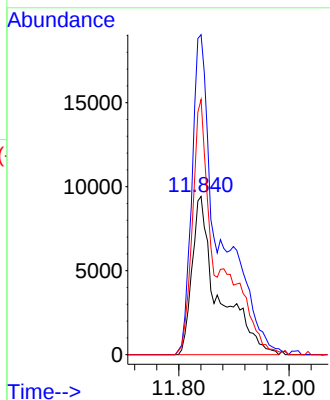
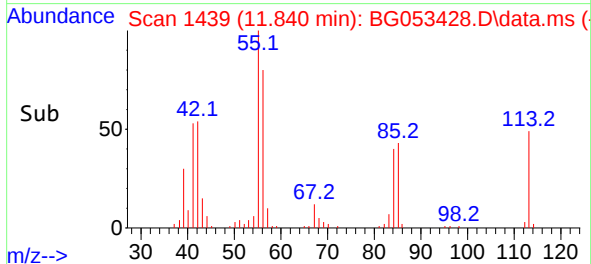
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



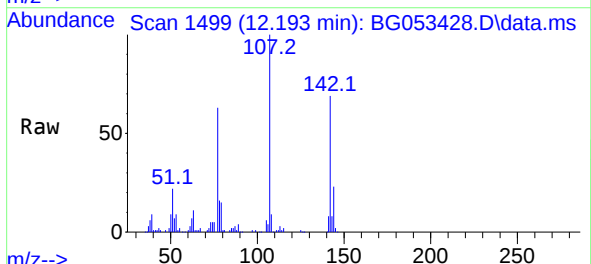
Tgt Ion:113 Resp: 31674
Ion Ratio Lower Upper
113 100
55 202.3 151.3 191.3
56 161.3 128.5 168.5

Manual Integrations
APPROVED

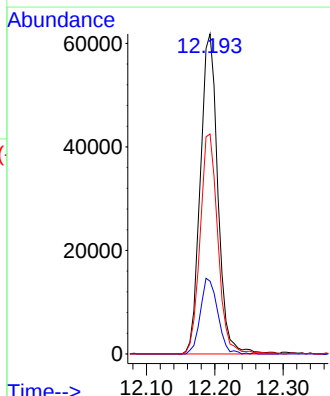
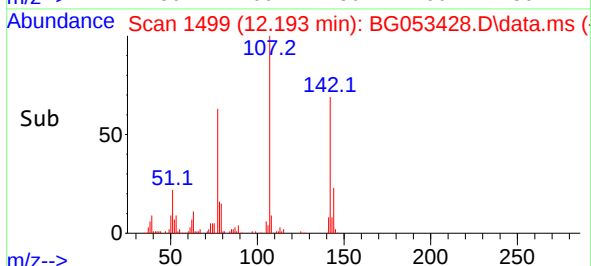
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

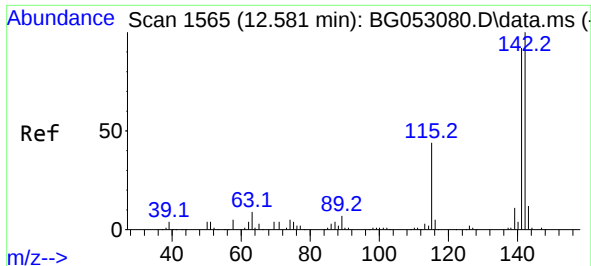


#36
4-Chloro-3-methylphenol
Concen: 46.673 ng
RT: 12.193 min Scan# 1499
Delta R.T. 0.008 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



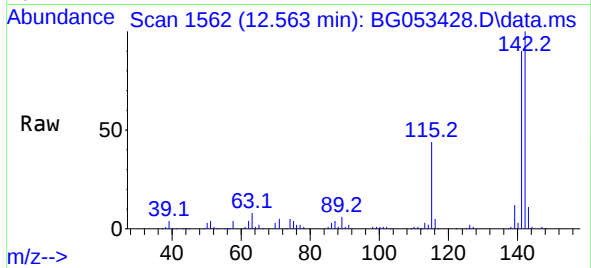
Tgt Ion:107 Resp: 110079
Ion Ratio Lower Upper
107 100
144 22.7 21.4 32.0
142 68.8 61.7 92.5





#37
2-Methylnaphthalene
Concen: 42.922 ng
RT: 12.563 min Scan# 1562
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

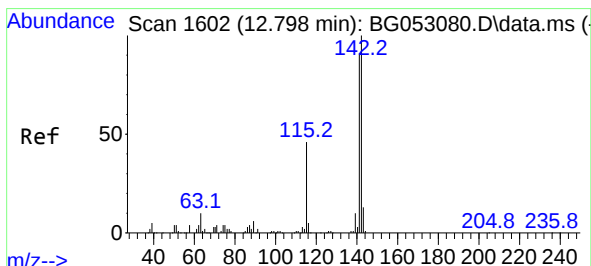
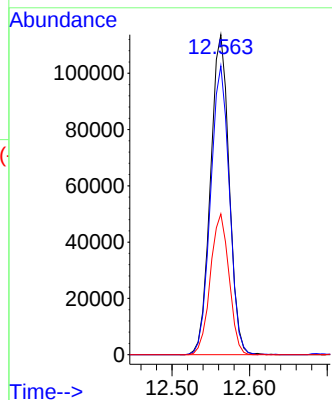
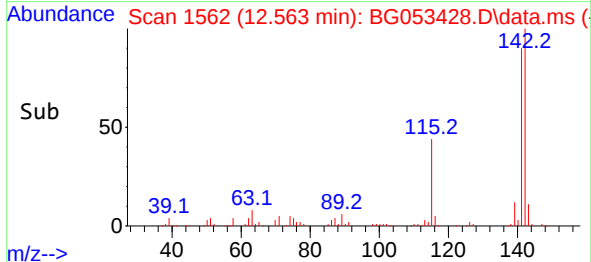
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



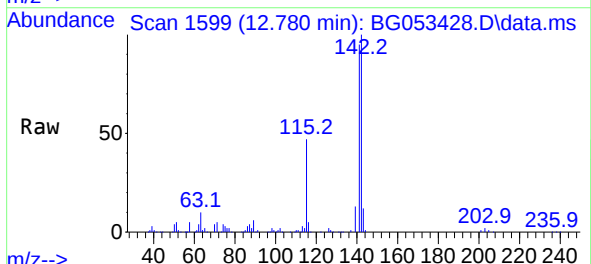
Tgt Ion:142 Resp: 19033
Ion Ratio Lower Upper
142 100
141 90.2 71.3 106.9
115 44.0 29.5 44.3

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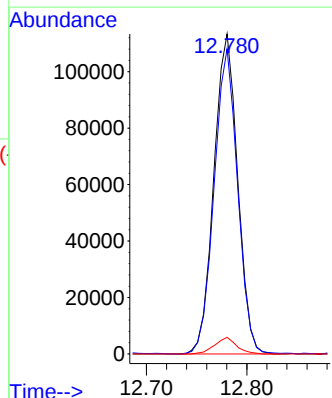
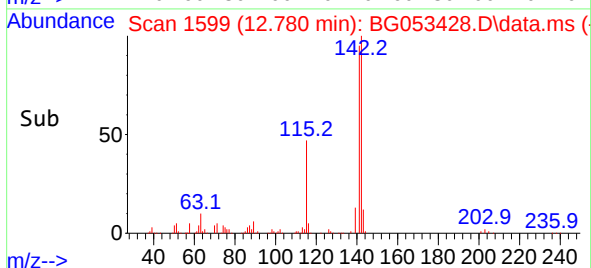
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

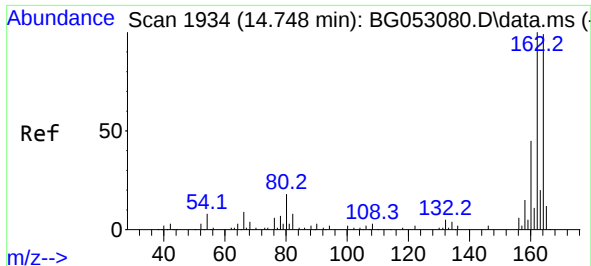


#38
1-Methylnaphthalene
Concen: 42.940 ng
RT: 12.780 min Scan# 1599
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:142 Resp: 185865
Ion Ratio Lower Upper
142 100
141 95.4 70.5 105.7
116 5.2 3.1 4.7#





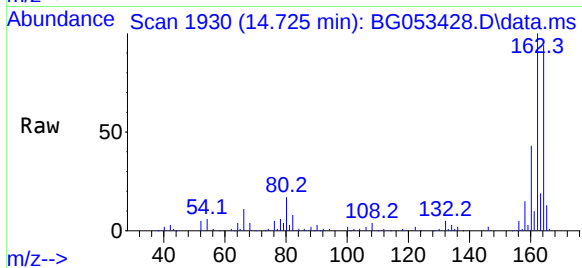
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1934
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

PB144537BSD

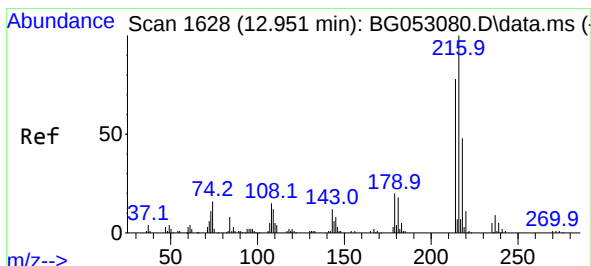
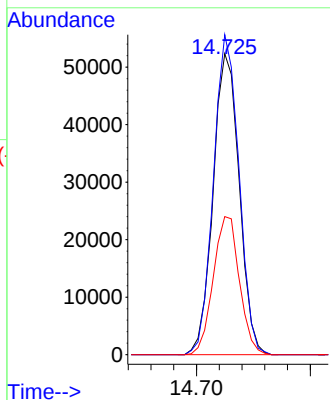
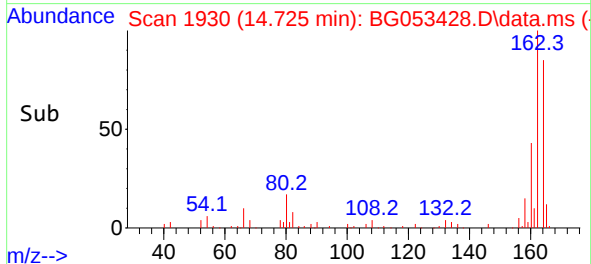


Tgt Ion:164 Resp: 83480
Ion Ratio Lower Upper
164 100
162 106.3 80.0 120.0
160 45.9 38.8 58.2

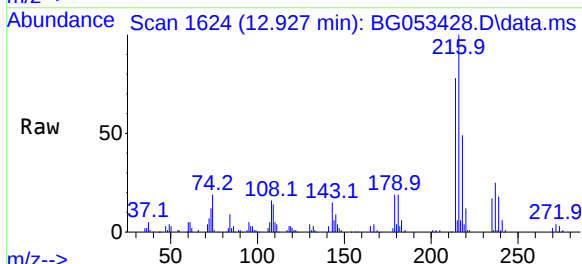
Manual Integrations

APPROVED

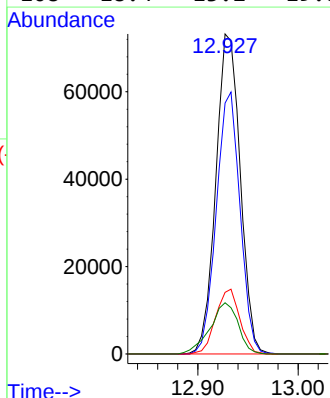
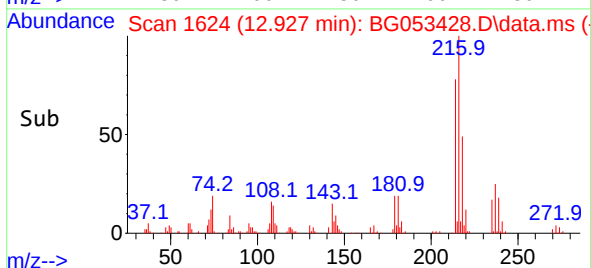
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

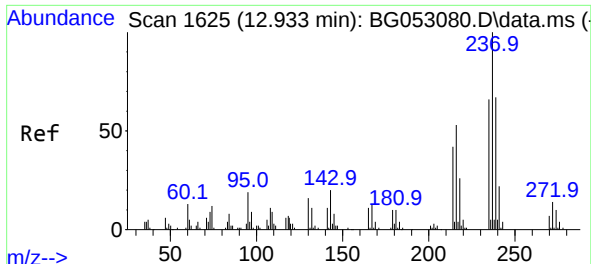


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.582 ng
RT: 12.927 min Scan# 1624
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



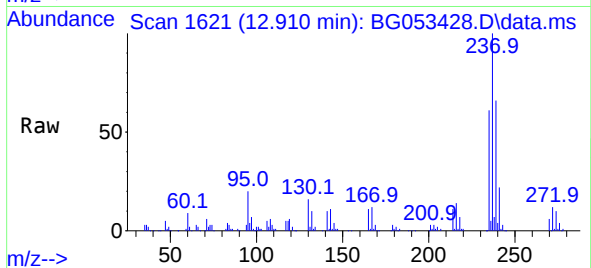
Tgt Ion:216 Resp: 123576
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 20.0 15.7 23.5
108 18.4 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 92.037 ng
RT: 12.910 min Scan# 1621
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

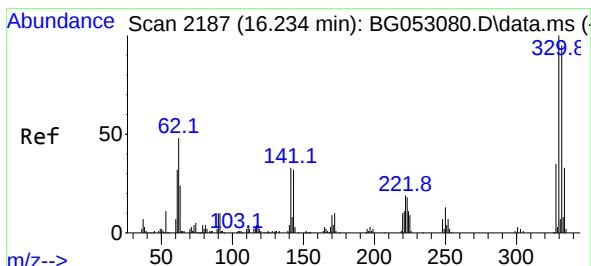
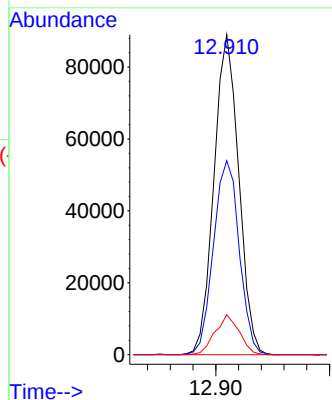
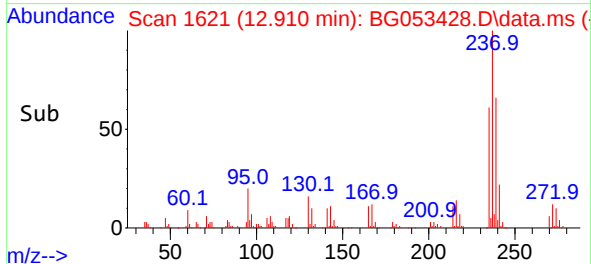
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



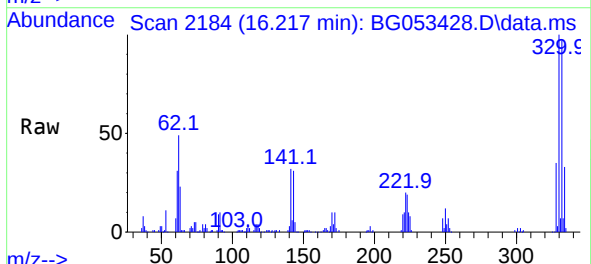
Tgt Ion:237 Resp: 13471
Ion Ratio Lower Upper
237 100
235 60.6 37.7 77.7
272 12.5 0.0 30.7

Manual Integrations
APPROVED

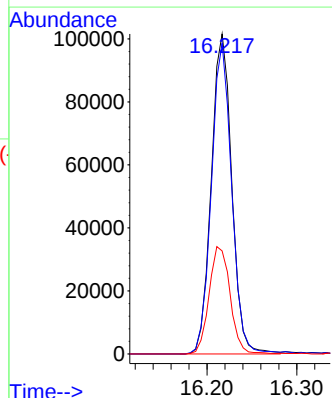
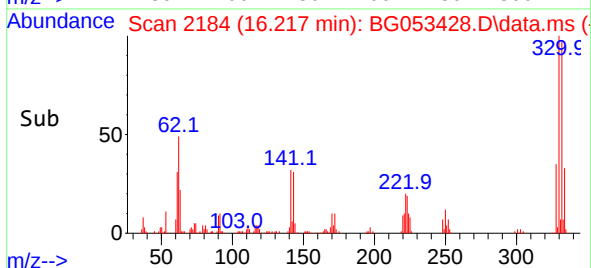
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#42
2,4,6-Tribromophenol
Concen: 120.811 ng
RT: 16.217 min Scan# 2184
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



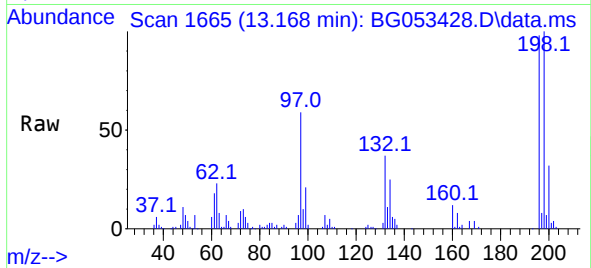
Tgt Ion:330 Resp: 160465
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.6
141 34.6 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 42.443 ng
RT: 13.168 min Scan# 1665
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

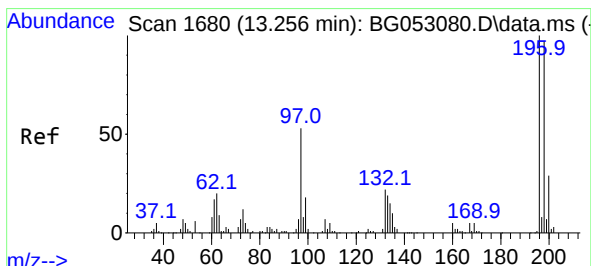
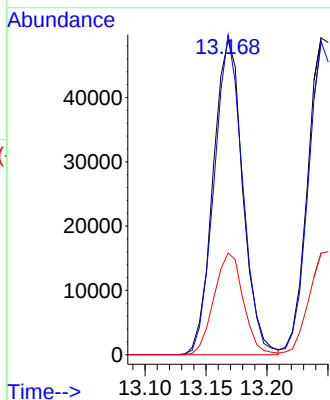
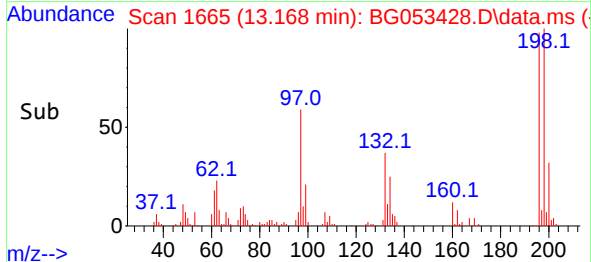
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



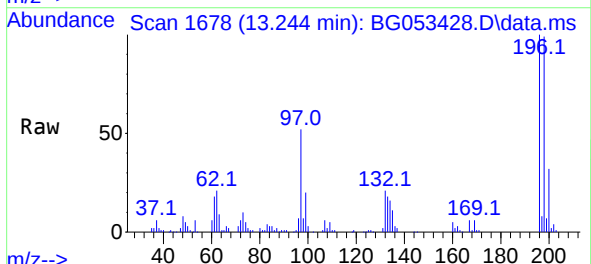
Tgt Ion:196 Resp: 8297
Ion Ratio Lower Upper
196 100
198 101.7 78.8 118.2
200 32.3 25.1 37.7

Manual Integrations
APPROVED

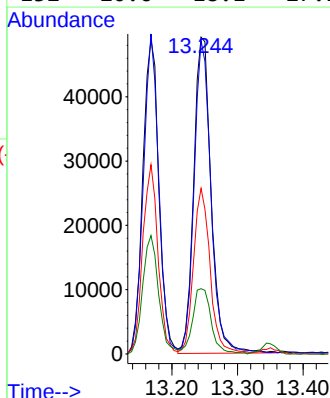
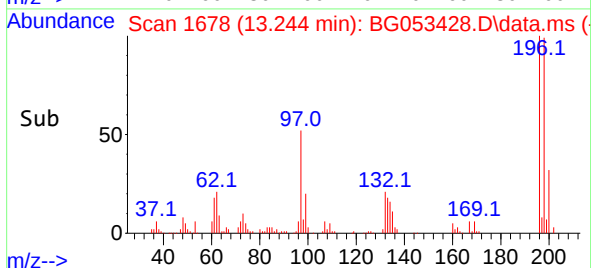
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

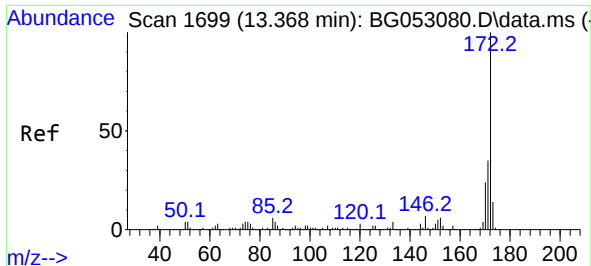


#44
2,4,5-Trichlorophenol
Concen: 43.792 ng
RT: 13.244 min Scan# 1678
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



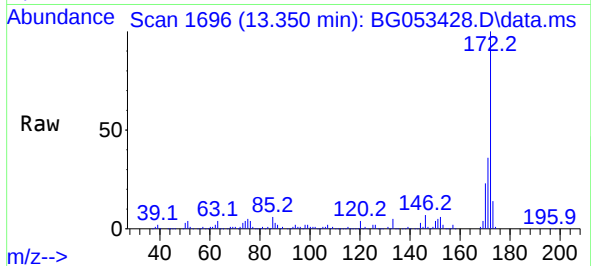
Tgt Ion:196 Resp: 91230
Ion Ratio Lower Upper
196 100
198 98.9 75.8 113.6
97 52.3 36.5 54.7
132 20.6 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 82.618 ng
RT: 13.350 min Scan# 1696
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

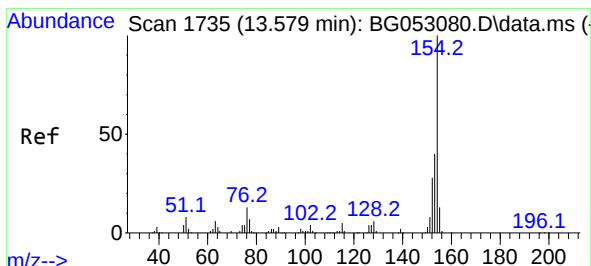
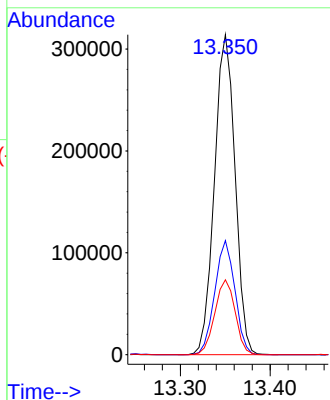
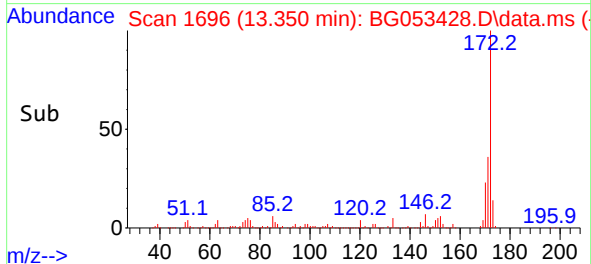
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



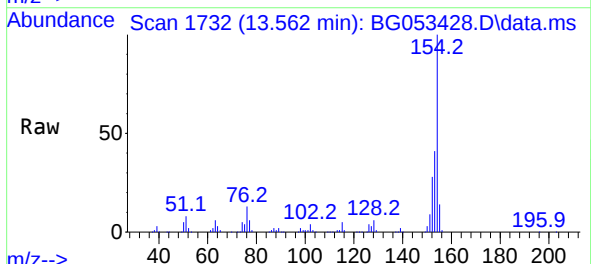
Tgt Ion:172 Resp: 500210
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 18.0 27.0

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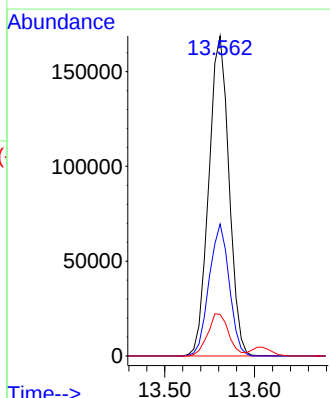
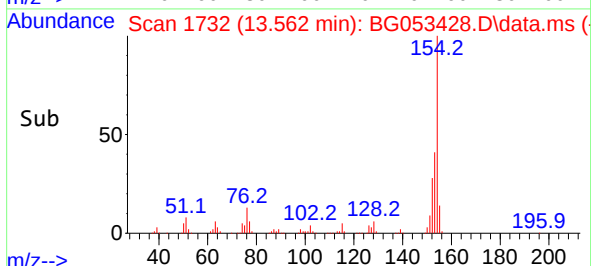
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

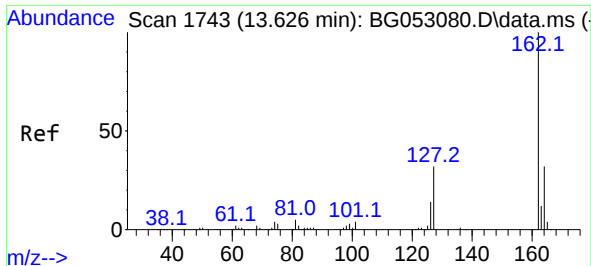


#46
1,1'-Biphenyl
Concen: 43.845 ng
RT: 13.562 min Scan# 1732
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



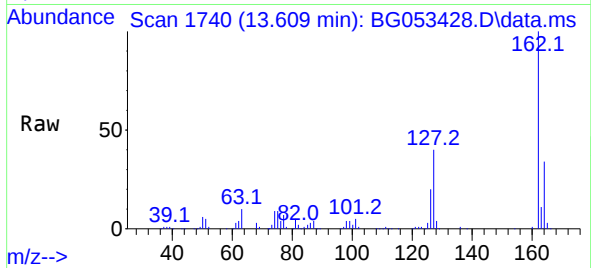
Tgt Ion:154 Resp: 263602
Ion Ratio Lower Upper
154 100
153 41.3 21.6 61.6
76 13.0 0.0 31.5





#47
2-Chloronaphthalene
Concen: 43.352 ng
RT: 13.609 min Scan# 1743
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

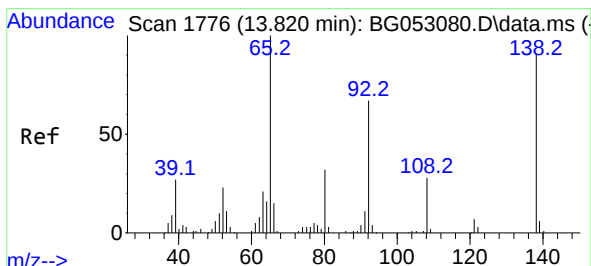
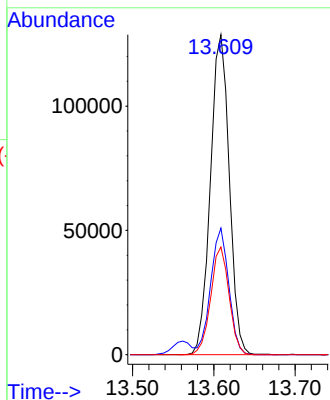
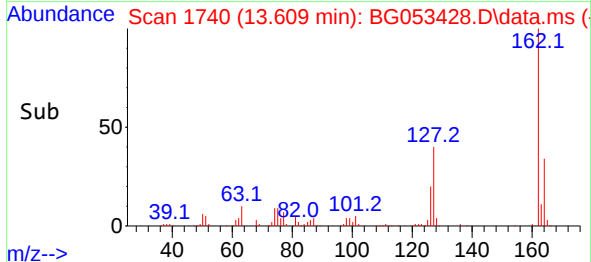
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



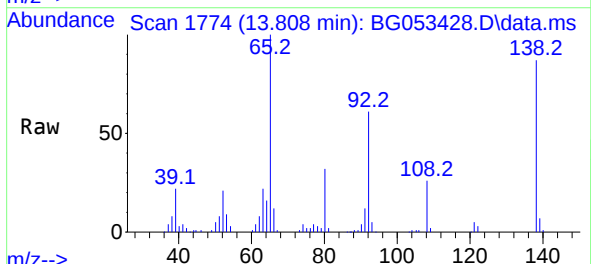
Tgt Ion:162 Resp: 20794
Ion Ratio Lower Upper
162 100
127 39.5 28.1 42.1
164 33.7 26.0 39.0

Manual Integrations
APPROVED

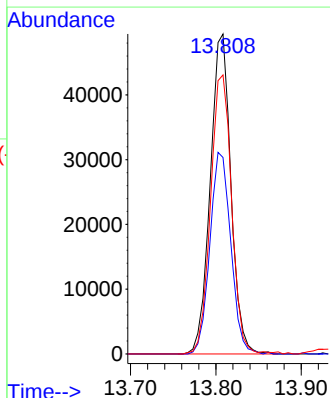
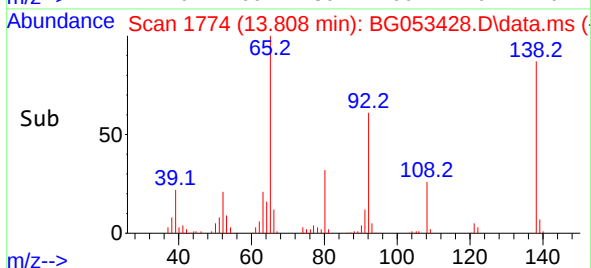
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

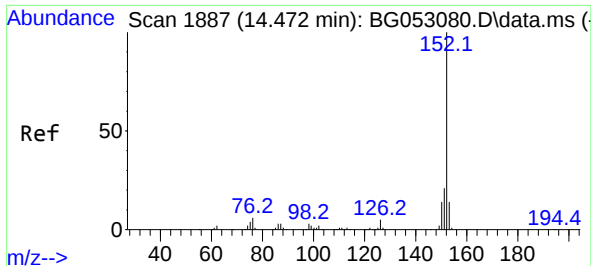


#48
2-Nitroaniline
Concen: 45.651 ng
RT: 13.808 min Scan# 1774
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



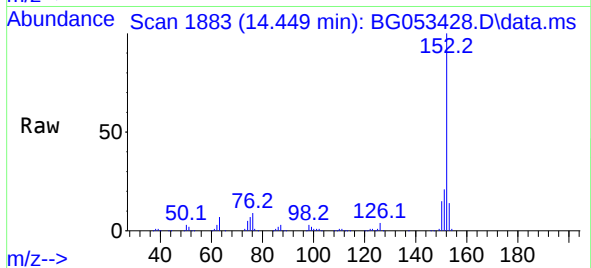
Tgt Ion: 65 Resp: 83098
Ion Ratio Lower Upper
65 100
92 61.4 52.1 78.1
138 87.2 80.1 120.1





#49
Acenaphthylene
Concen: 46.880 ng
RT: 14.449 min Scan# 1883
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

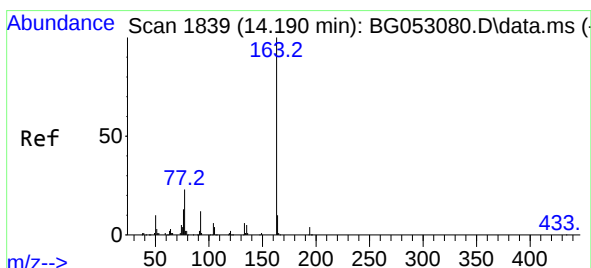
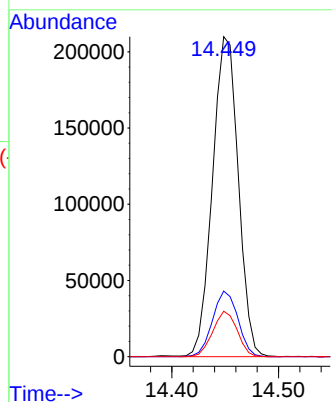
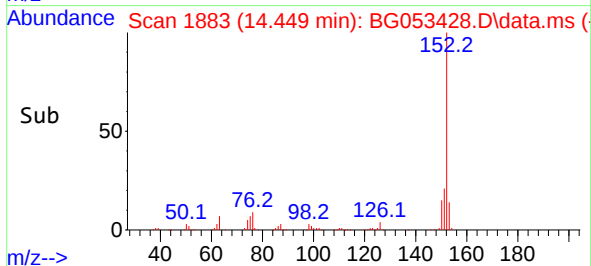
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



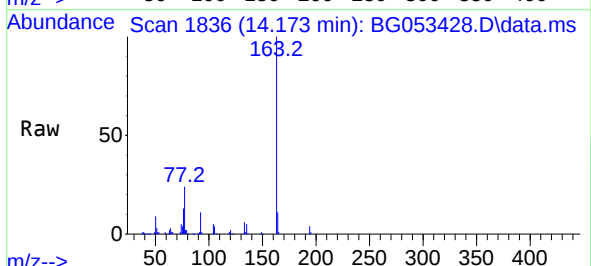
Tgt Ion:152 Resp: 35200
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 14.2 10.6 15.8

Manual Integrations
APPROVED

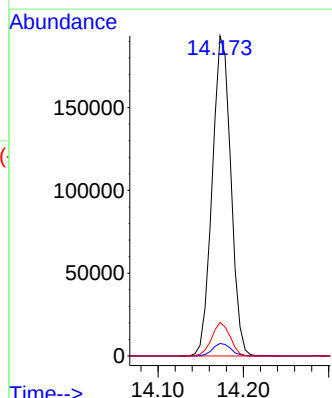
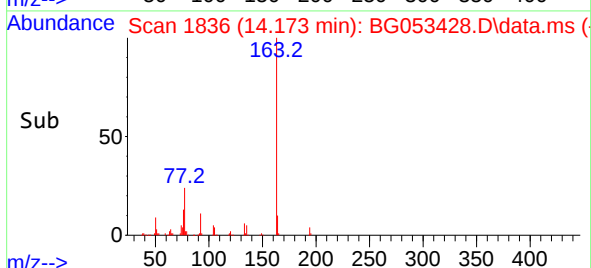
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

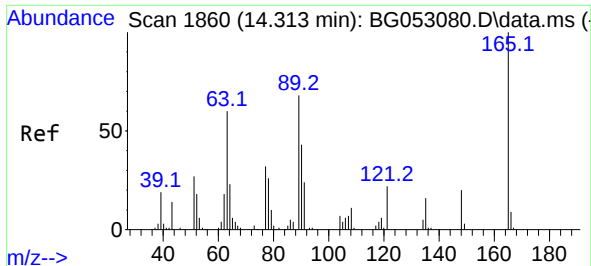


#50
Dimethylphthalate
Concen: 43.811 ng
RT: 14.173 min Scan# 1836
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:163 Resp: 292551
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.5 8.5 12.7





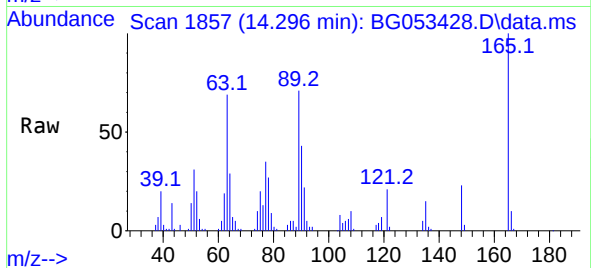
#51
2,6-Dinitrotoluene
Concen: 45.774 ng
RT: 14.296 min Scan# 1860
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

PB144537BSD

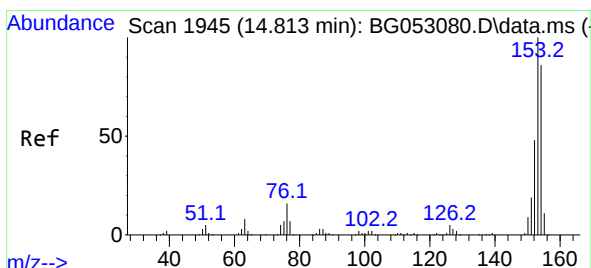
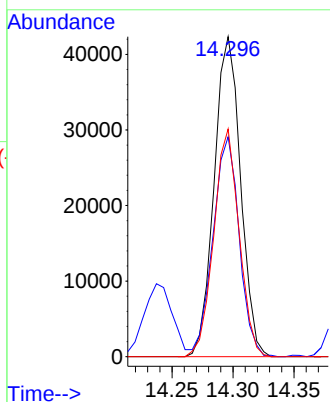
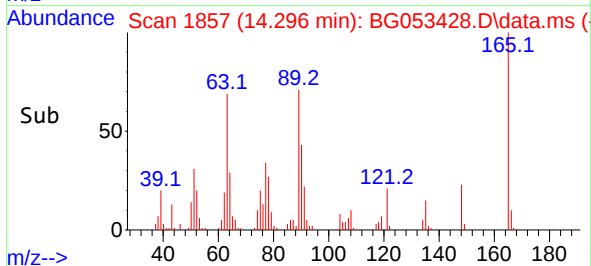


Tgt Ion:165 Resp: 63760
Ion Ratio Lower Upper
165 100
63 68.7 43.7 65.5
89 71.2 45.0 67.4

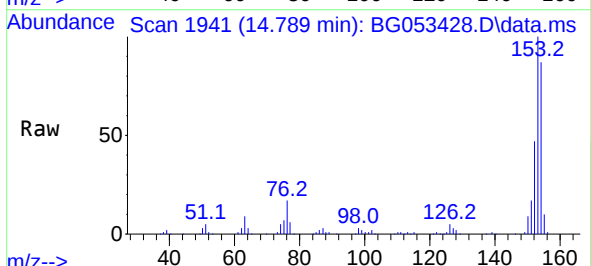
Manual Integrations

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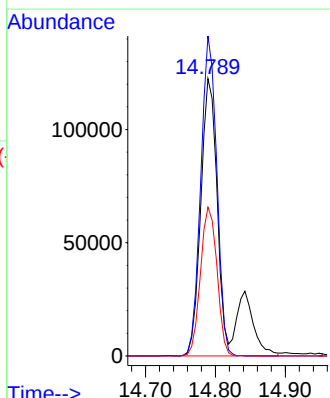
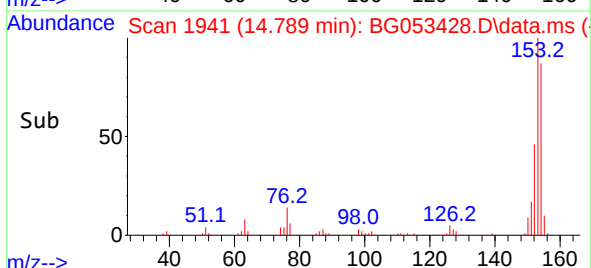
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

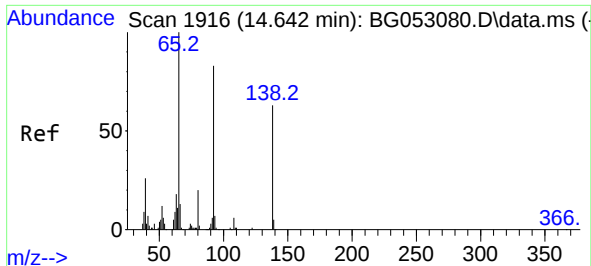


#52
Acenaphthene
Concen: 48.255 ng m
RT: 14.789 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



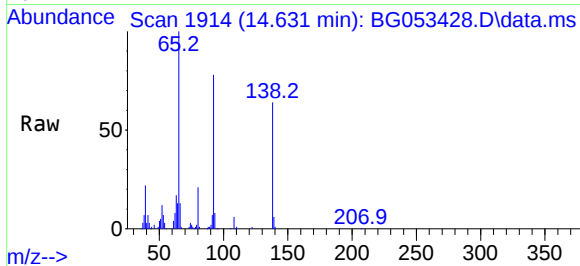
Tgt Ion:154 Resp: 245713
Ion Ratio Lower Upper
154 100
153 115.4 89.0 133.4
152 53.7 40.5 60.7





#53
3-Nitroaniline
Concen: 35.026 ng
RT: 14.631 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

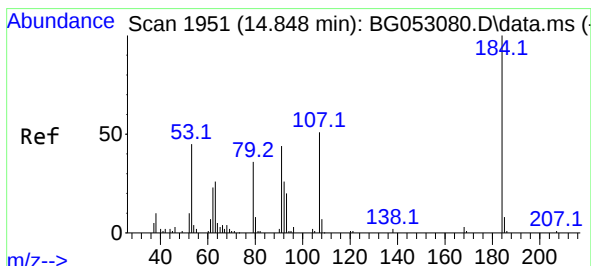
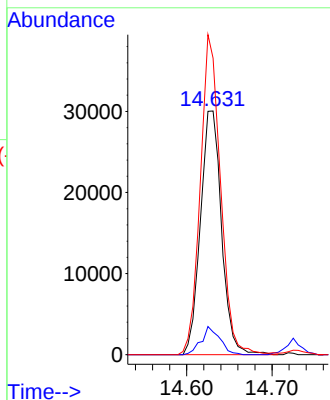
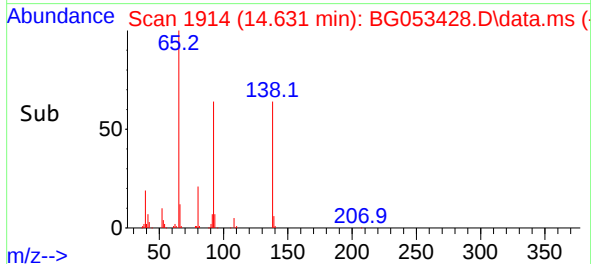
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



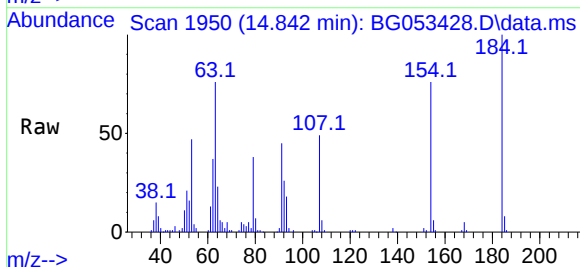
Tgt Ion:138 Resp: 51594
Ion Ratio Lower Upper
138 100
108 9.3 8.0 12.0
92 121.7 96.2 144.2

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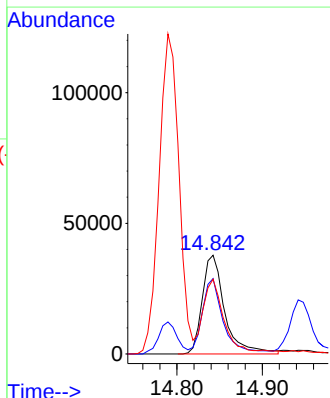
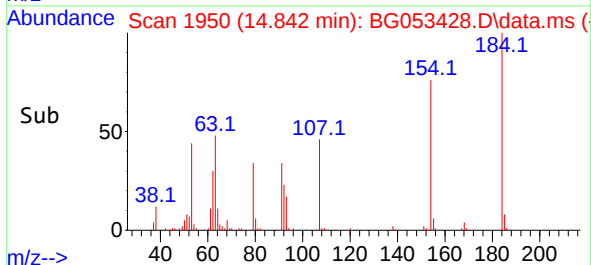
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#54
2,4-Dinitrophenol
Concen: 78.247 ng
RT: 14.842 min Scan# 1950
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



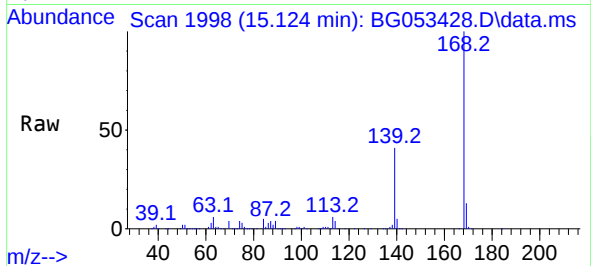
Tgt Ion:184 Resp: 69356
Ion Ratio Lower Upper
184 100
63 76.4 51.8 77.6
154 75.8 47.8 71.6#





#55
Dibenzenofuran
Concen: 42.556 ng
RT: 15.124 min Scan# 1998
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

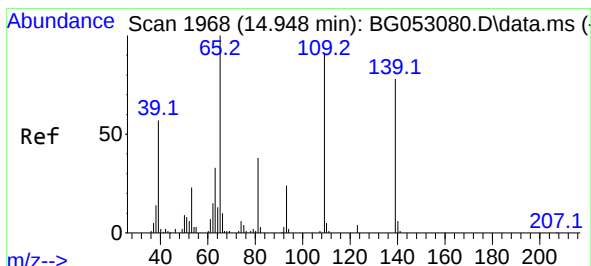
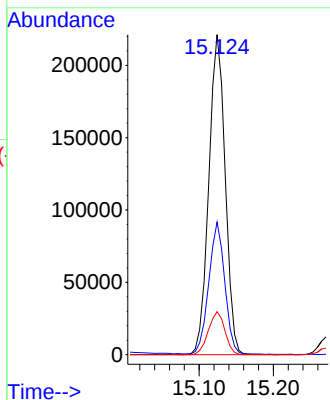
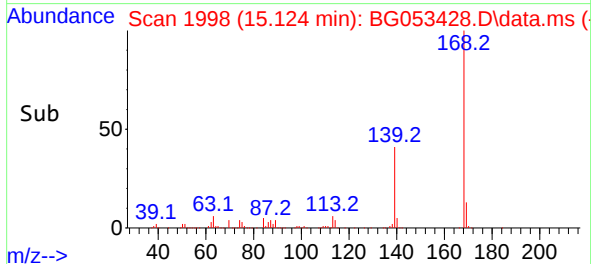
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



Tgt Ion:168 Resp: 339310
Ion Ratio Lower Upper
168 100
139 41.4 30.2 45.4
169 13.5 10.7 16.1

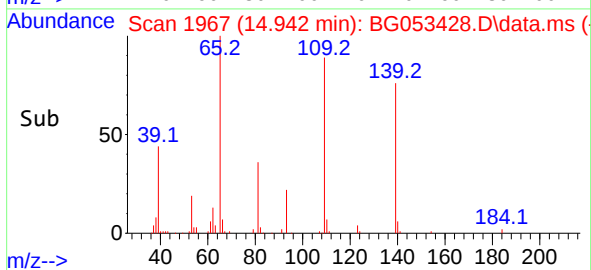
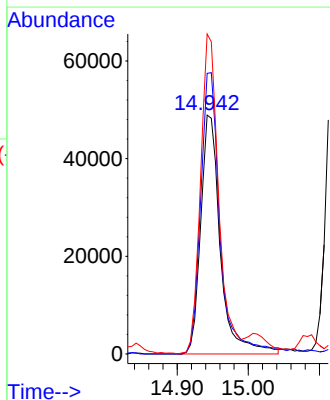
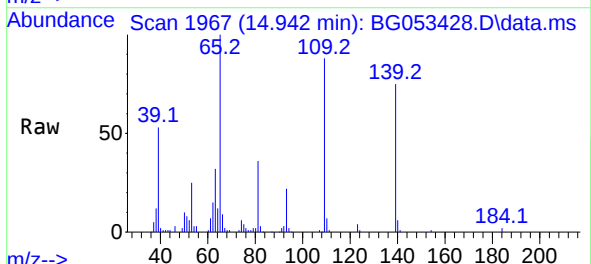
Manual Integrations
APPROVED

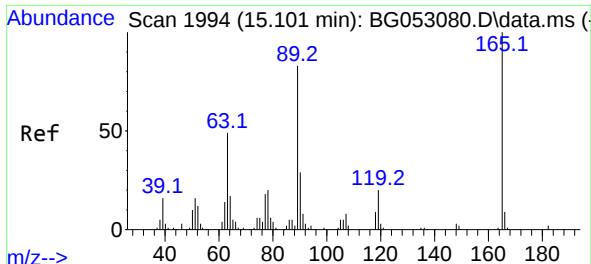
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#56
4-Nitrophenol
Concen: 83.818 ng
RT: 14.942 min Scan# 1967
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Tgt Ion:139 Resp: 94164
Ion Ratio Lower Upper
139 100
109 117.5 67.1 107.1#
65 133.9 88.2 128.2#





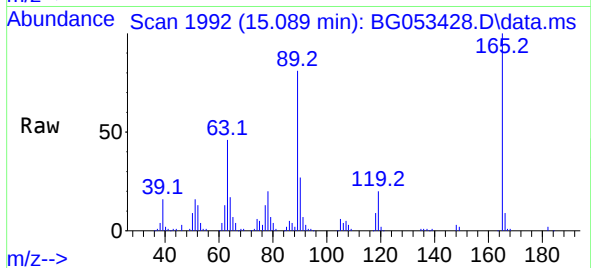
#57
2,4-Dinitrotoluene
Concen: 46.338 ng
RT: 15.089 min Scan# 1992
Delta R.T. 0.008 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

PB144537BSD

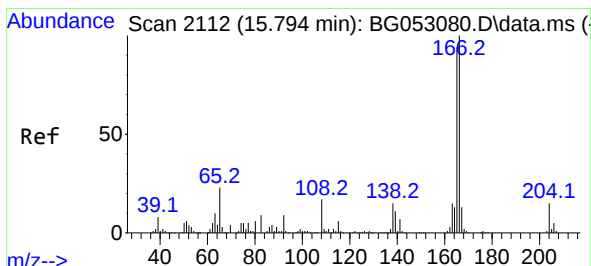
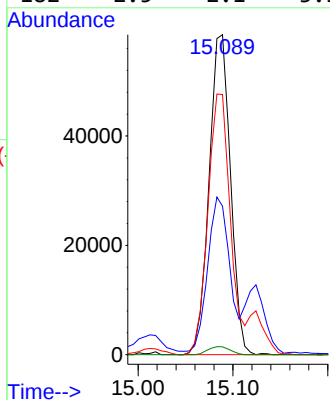
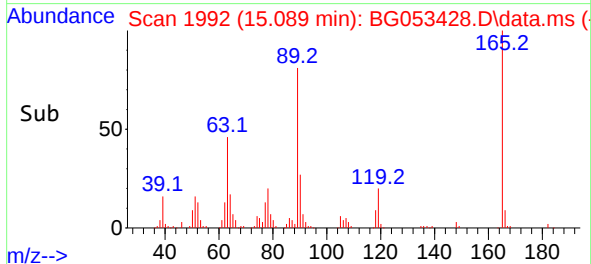


Tgt Ion:165 Resp: 9190
Ion Ratio Lower Upper
165 100
63 46.4 34.8 52.2
89 81.3 57.4 86.0
182 2.5 2.1 3.1

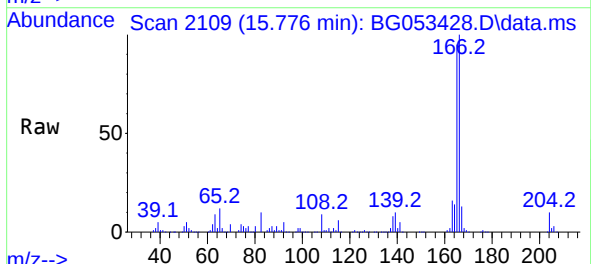
Manual Integrations

APPROVED

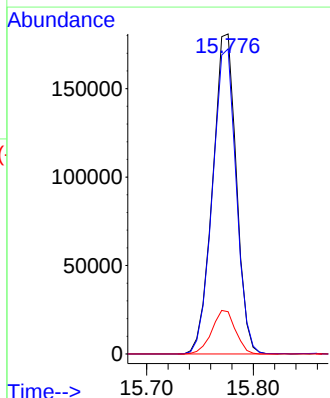
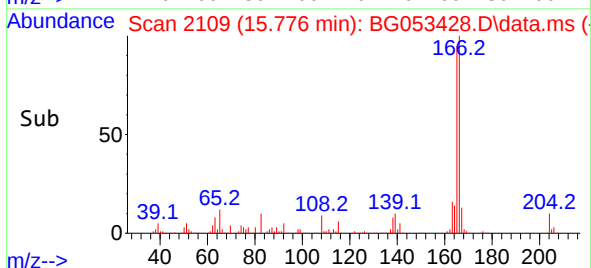
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

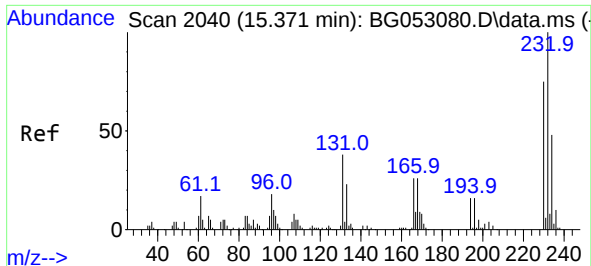


#58
Fluorene
Concen: 43.226 ng
RT: 15.776 min Scan# 2109
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:166 Resp: 278364
Ion Ratio Lower Upper
166 100
165 95.3 78.6 117.8
167 13.2 10.9 16.3





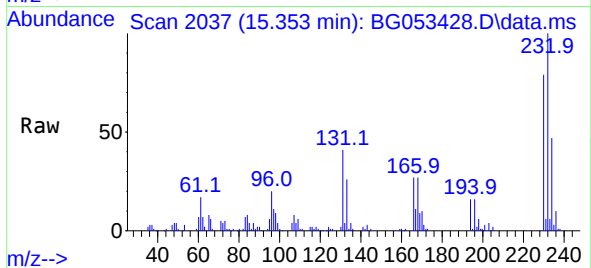
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.427 ng
RT: 15.353 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

PB144537BSD

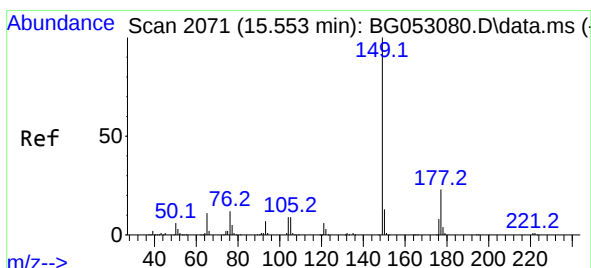
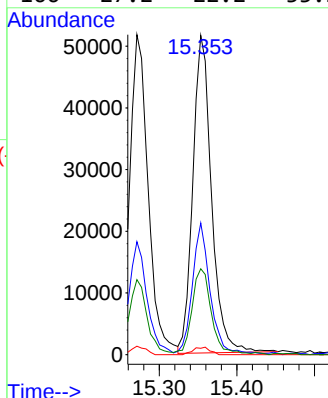
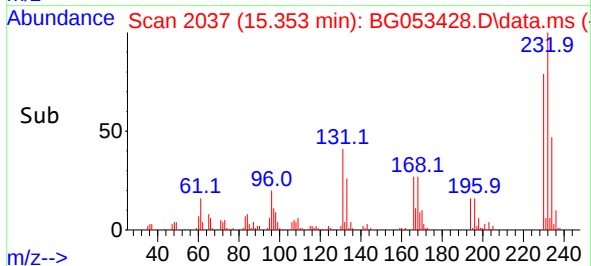


Tgt Ion:232 Resp: 8583
Ion Ratio Lower Upper
232 100
131 38.8 30.1 45.1
130 2.2 1.8 2.8
166 27.2 22.2 33.2

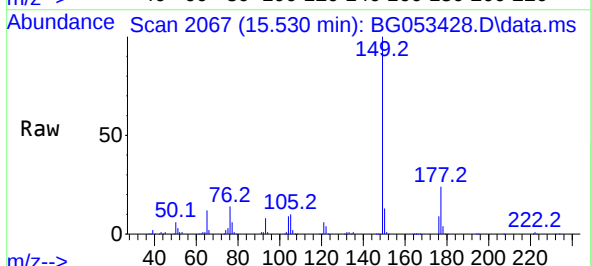
Manual Integrations

APPROVED

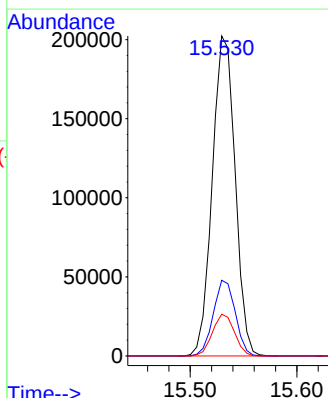
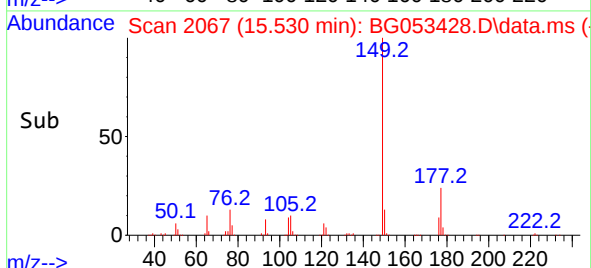
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#60
Diethylphthalate
Concen: 42.944 ng
RT: 15.530 min Scan# 2067
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



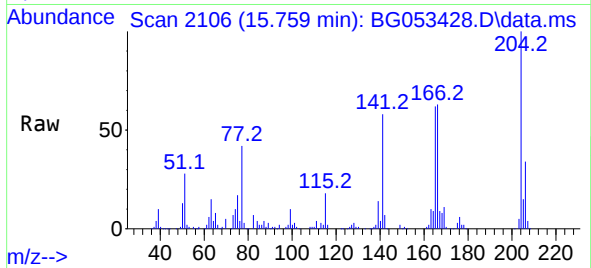
Tgt Ion:149 Resp: 300455
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.2
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.341 ng
RT: 15.759 min Scan# 2106
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

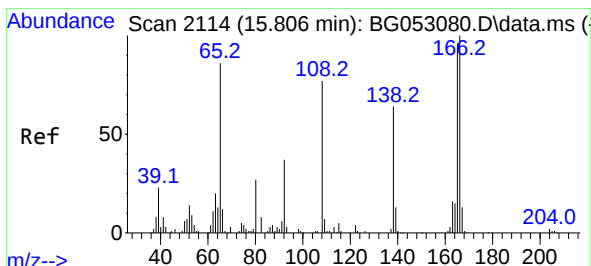
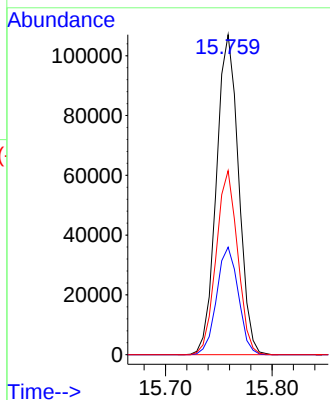
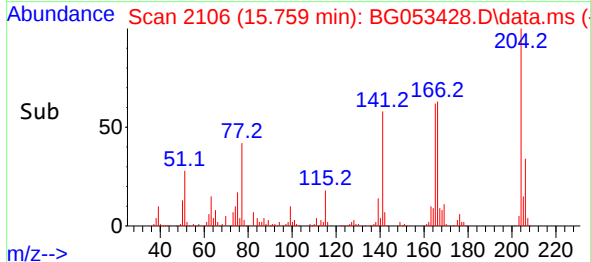
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



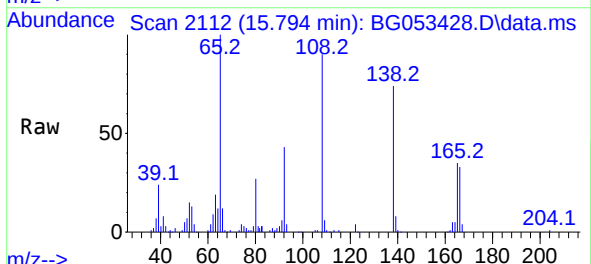
Tgt Ion:204 Resp: 154564
Ion Ratio Lower Upper
204 100
206 33.6 28.3 42.5
141 57.5 45.8 68.8

Manual Integrations
APPROVED

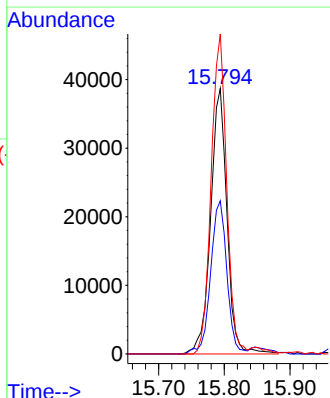
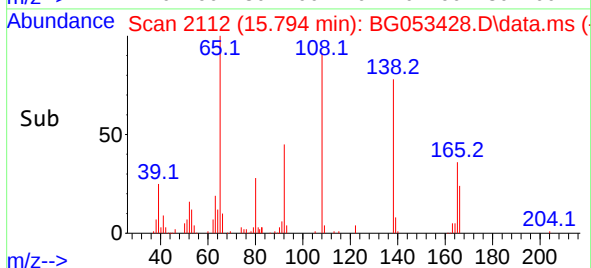
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

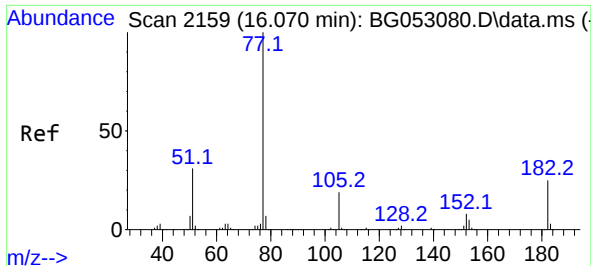


#62
4-Nitroaniline
Concen: 43.128 ng
RT: 15.794 min Scan# 2112
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:138 Resp: 67036
Ion Ratio Lower Upper
138 100
92 57.7 33.3 73.3
108 120.6 74.2 114.2#





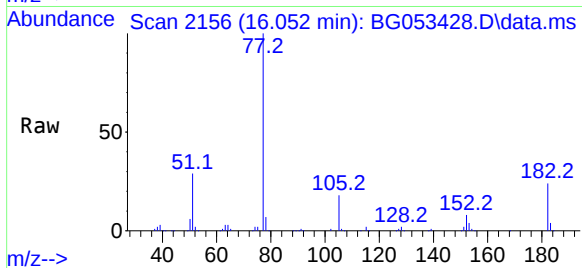
#63
Azobenzene
Concen: 42.949 ng
RT: 16.052 min Scan# 2156
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

PB144537BSD

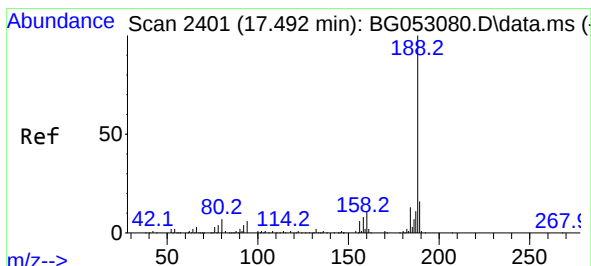
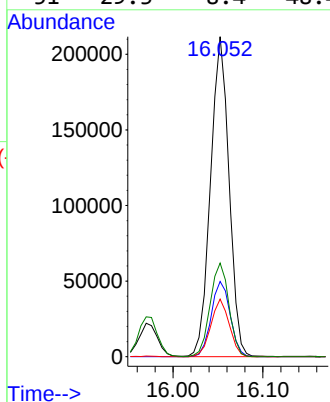
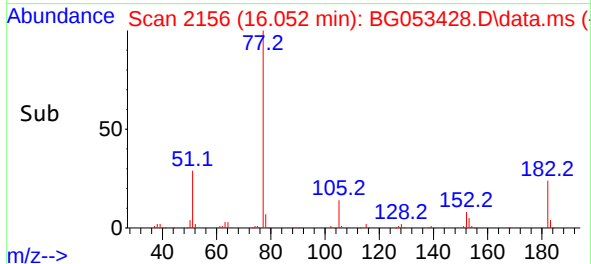


Tgt Ion: 77 Resp: 302950
Ion Ratio Lower Upper
77 100
182 23.5 5.6 45.6
105 18.0 0.0 38.8
51 29.3 8.4 48.4

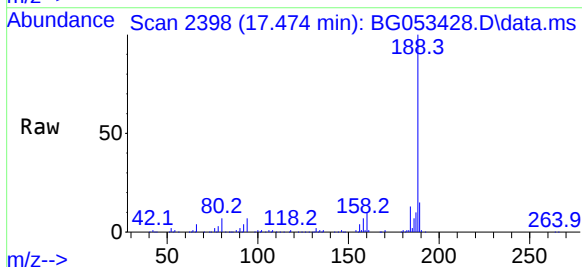
Manual Integrations

APPROVED

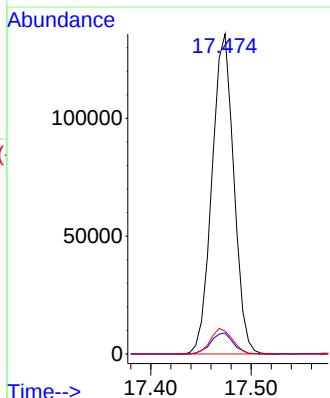
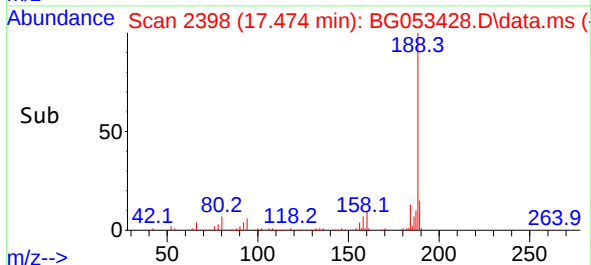
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:188 Resp: 205078
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.1 7.2 10.8





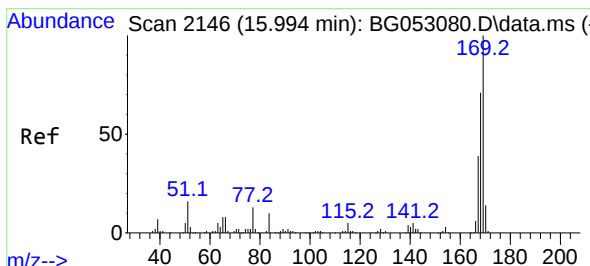
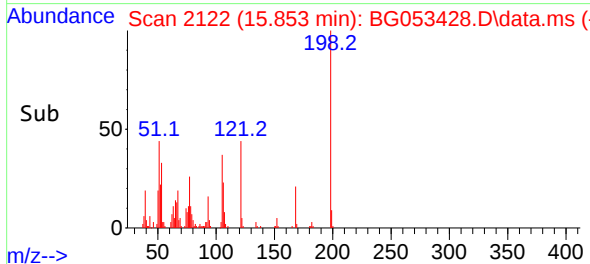
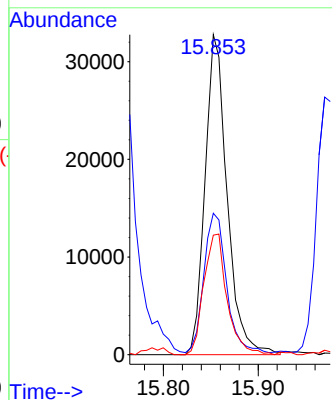
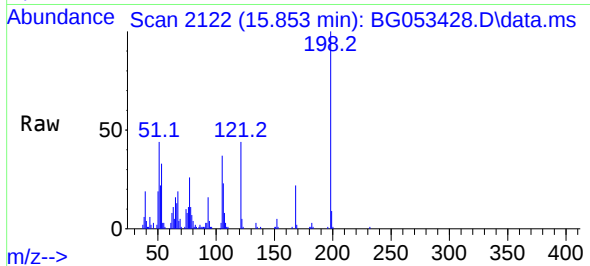
#65
4,6-Dinitro-2-methylphenol
Concen: 37.013 ng
RT: 15.853 min Scan# 2122
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :
BNA_G
ClientSampleId :
PB144537BSD

Tgt Ion:198 Resp: 5295
Ion Ratio Lower Upper
198 100
51 44.2 21.7 61.7
105 37.4 20.8 60.8

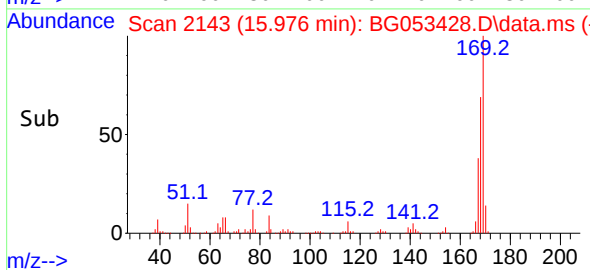
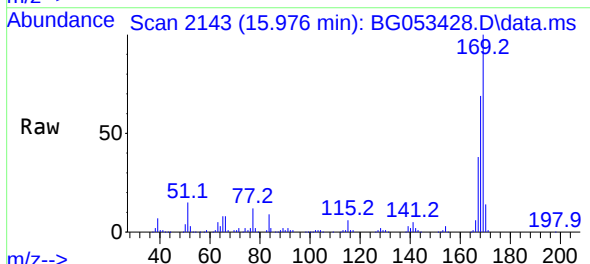
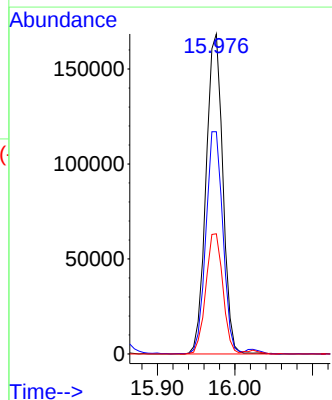
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 42.840 ng
RT: 15.976 min Scan# 2143
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Tgt Ion:169 Resp: 252645
Ion Ratio Lower Upper
169 100
168 69.5 54.5 81.7
167 37.6 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.208 ng
RT: 16.652 min Scan# 211
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

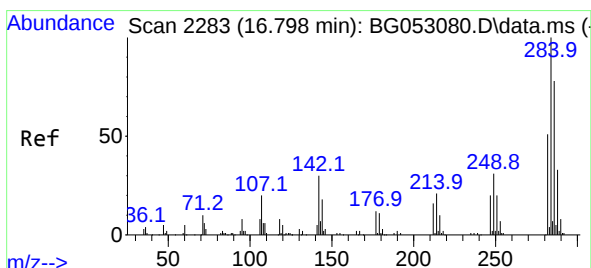
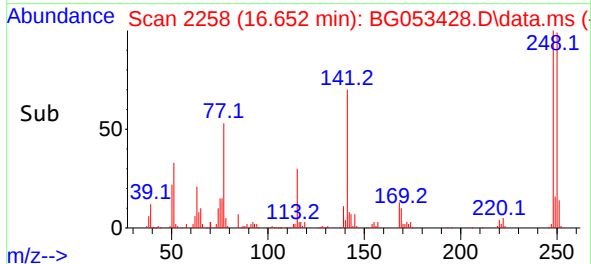
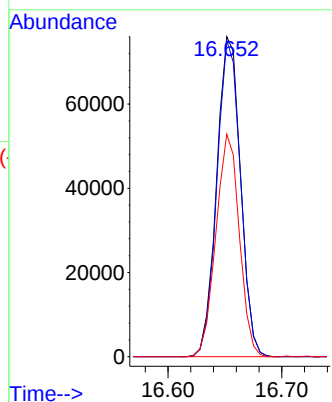
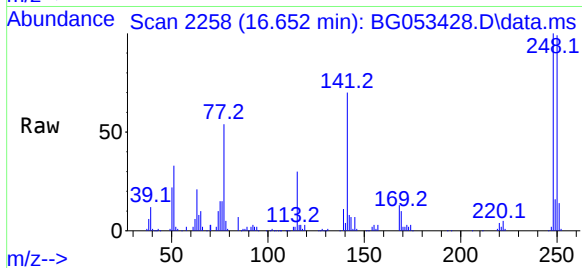
PB144537BSD

Tgt Ion:248 Resp: 11091
Ion Ratio Lower Upper
248 100
250 98.9 77.9 116.9
141 69.6 49.2 73.8

Manual Integrations

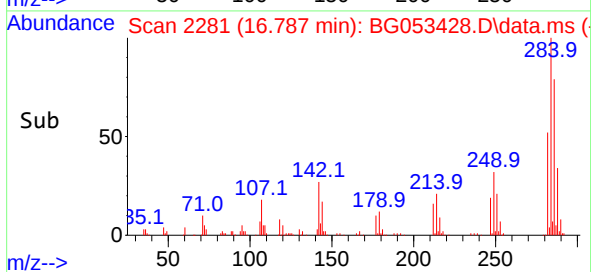
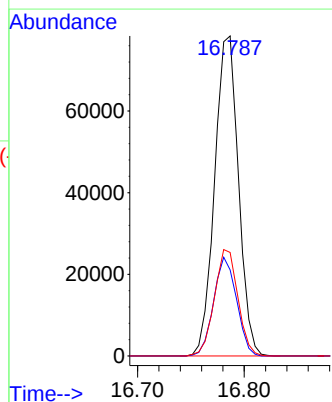
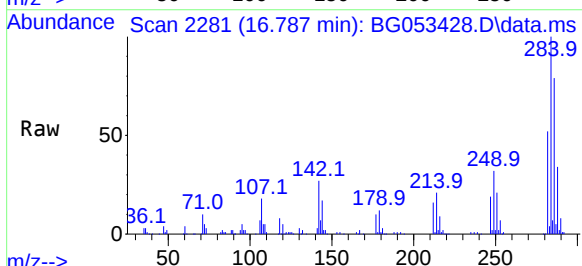
APPROVED

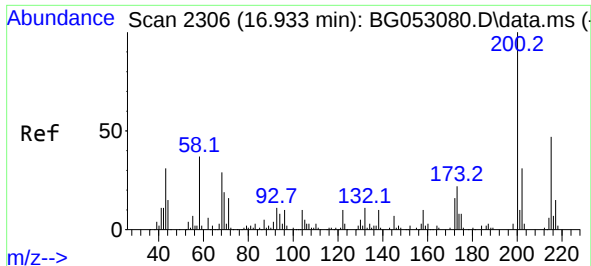
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#68
Hexachlorobenzene
Concen: 42.645 ng
RT: 16.787 min Scan# 2281
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

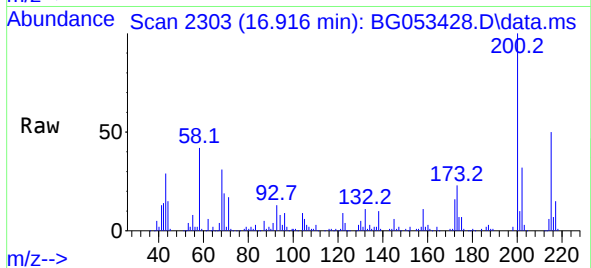
Tgt Ion:284 Resp: 121358
Ion Ratio Lower Upper
284 100
142 26.9 21.0 31.4
249 32.3 22.7 34.1





#69
Atrazine
Concen: 47.492 ng
RT: 16.916 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

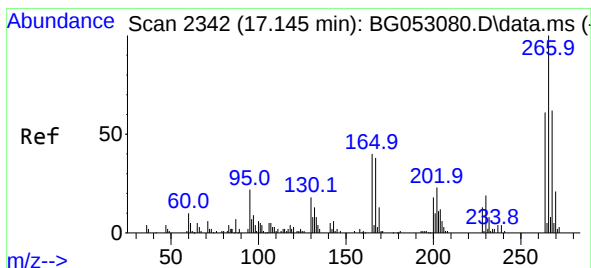
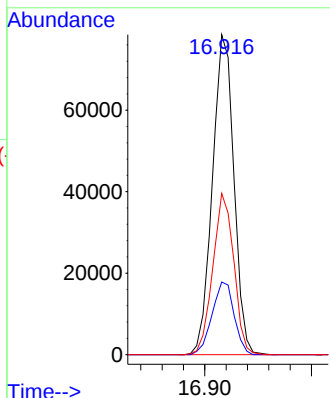
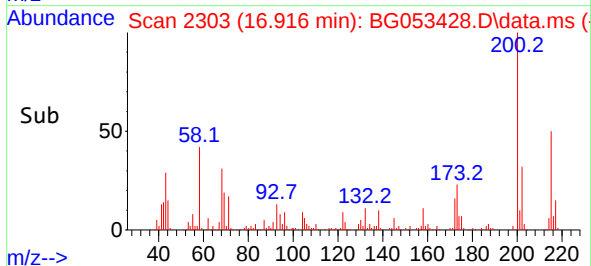
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



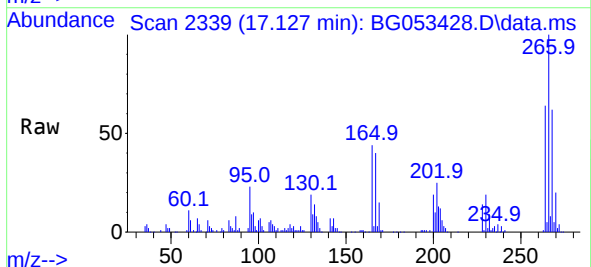
Tgt Ion:200 Resp: 10940
Ion Ratio Lower Upper
200 100
173 22.7 3.8 43.8
215 50.4 26.3 66.3

Manual Integrations
APPROVED

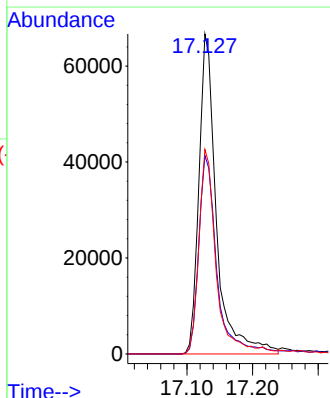
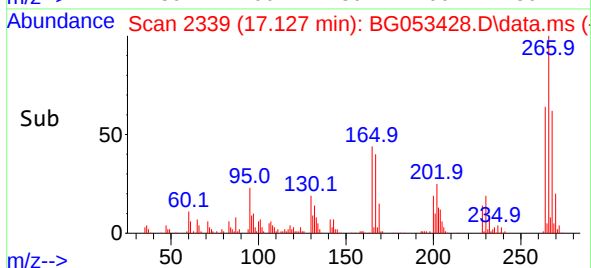
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

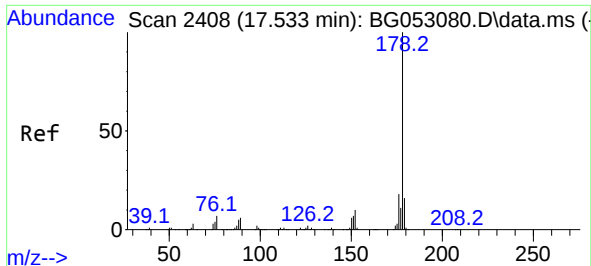


#70
Pentachlorophenol
Concen: 79.974 ng
RT: 17.127 min Scan# 2339
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



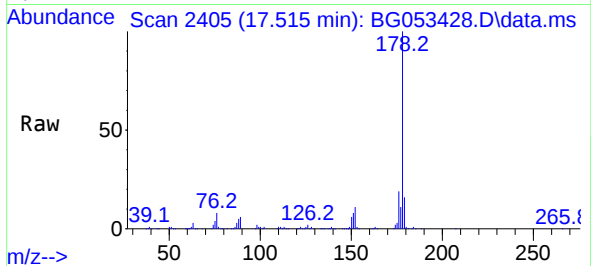
Tgt Ion:266 Resp: 124382
Ion Ratio Lower Upper
266 100
268 62.0 45.9 68.9
264 63.9 45.3 67.9





#71
Phenanthrene
Concen: 43.033 ng
RT: 17.515 min Scan# 2405
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

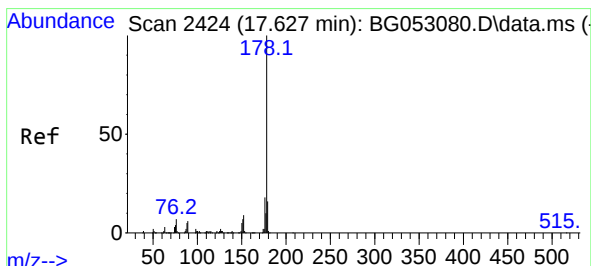
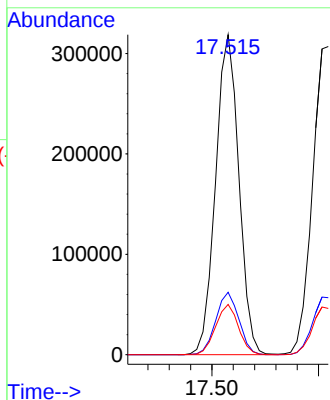
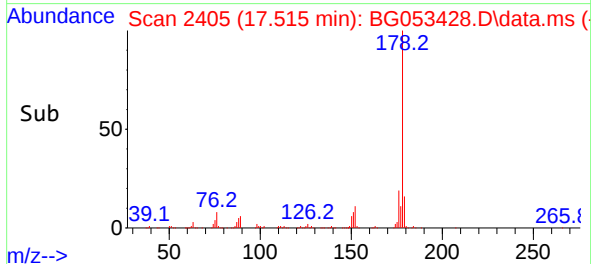
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



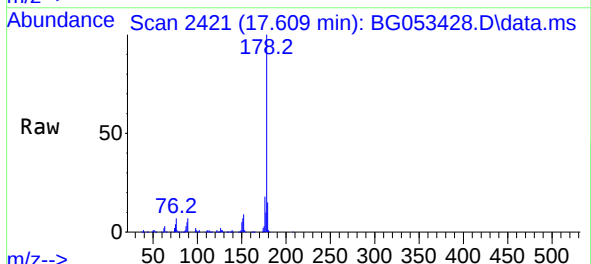
Tgt Ion:178 Resp: 482049
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.7 13.4 20.2

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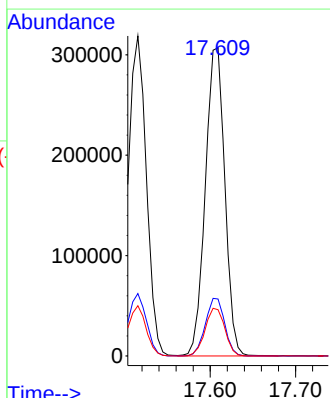
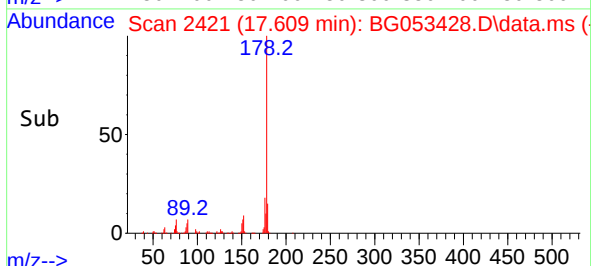
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

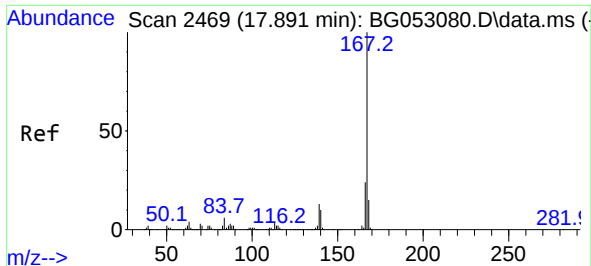


#72
Anthracene
Concen: 44.015 ng
RT: 17.609 min Scan# 2421
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



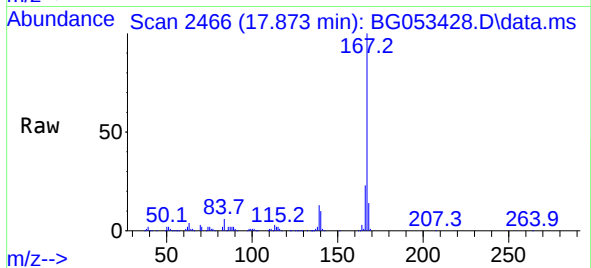
Tgt Ion:178 Resp: 488459
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.0 13.2 19.8





#73
Carbazole
Concen: 41.559 ng
RT: 17.873 min Scan# 2466
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

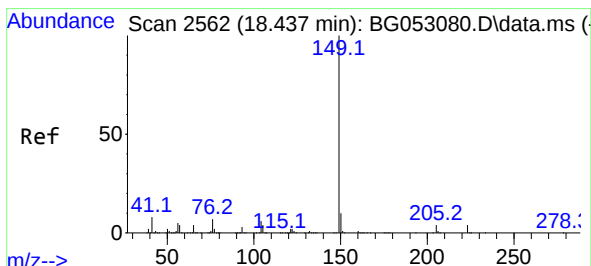
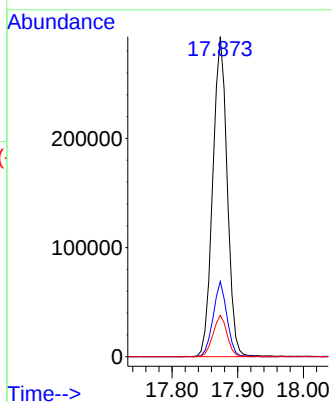
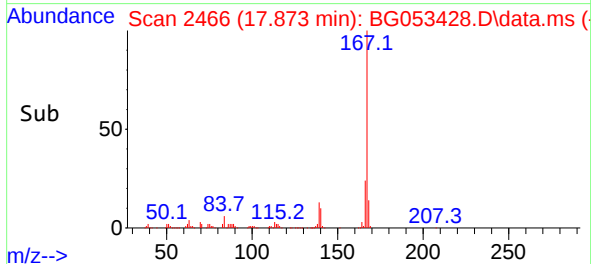
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



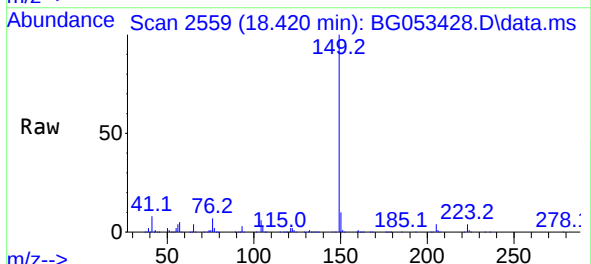
Tgt Ion:167 Resp: 448314
Ion Ratio Lower Upper
167 100
166 23.5 18.5 27.7
139 12.9 10.0 15.0

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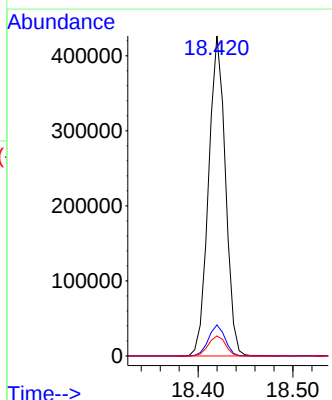
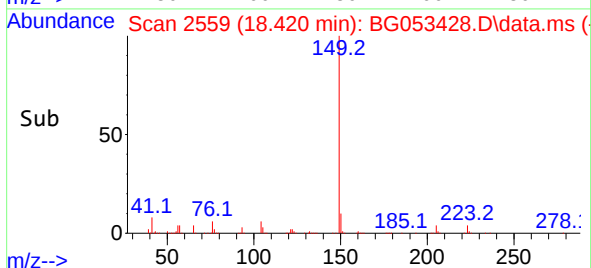
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

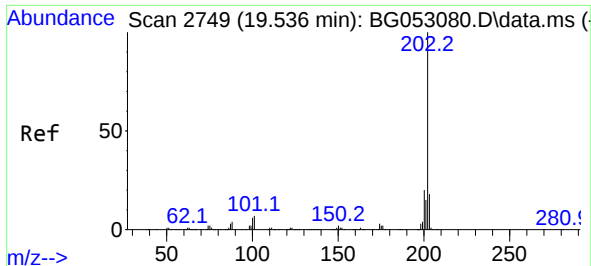


#74
Di-n-butylphthalate
Concen: 43.032 ng
RT: 18.420 min Scan# 2559
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



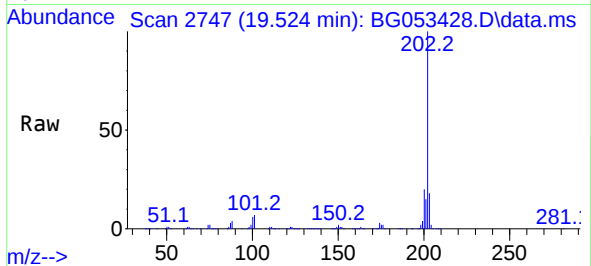
Tgt Ion:149 Resp: 526474
Ion Ratio Lower Upper
149 100
150 9.7 7.0 10.6
104 6.2 4.6 7.0





#75
Fluoranthene
Concen: 43.620 ng
RT: 19.524 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

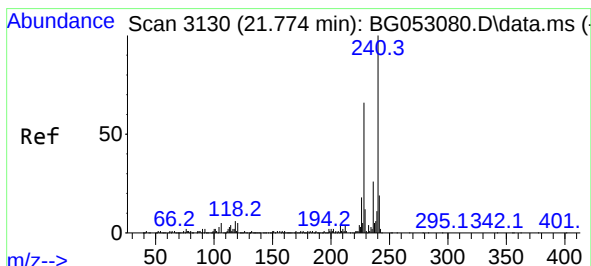
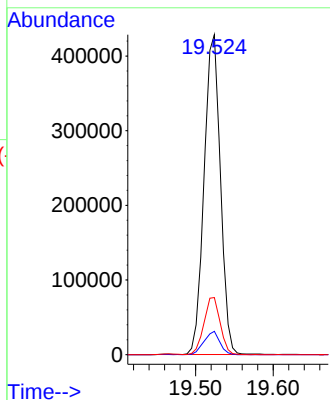
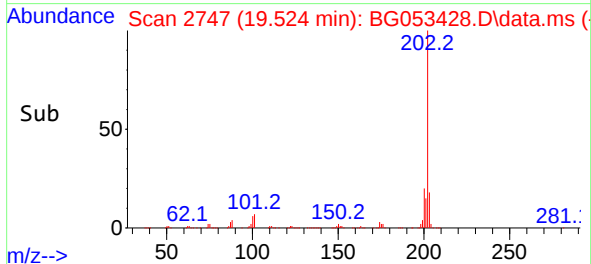
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



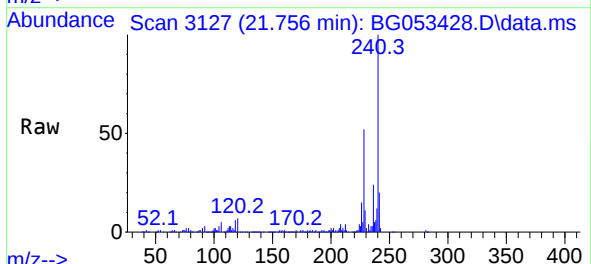
Tgt Ion:202 Resp: 626329
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.3
203 17.9 0.0 37.7

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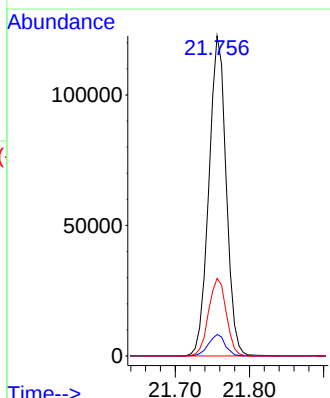
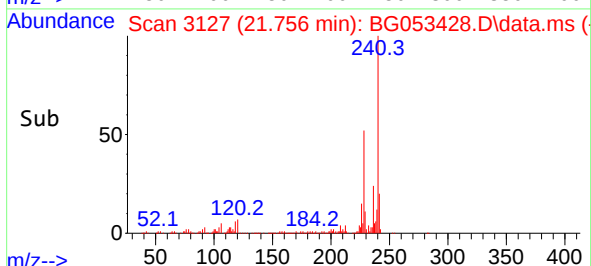
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



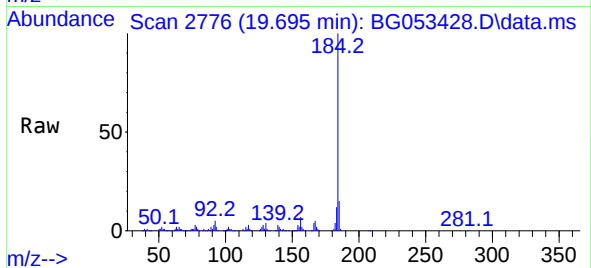
Tgt Ion:240 Resp: 198278
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 24.3 19.8 29.6





#77
Benzidine
Concen: 53.305 ng
RT: 19.695 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

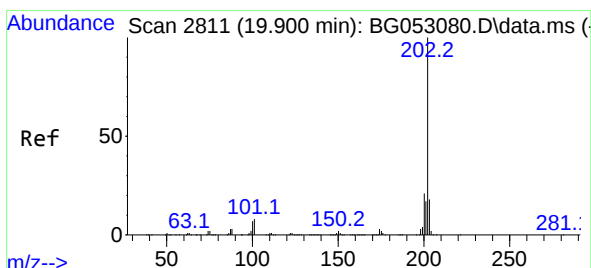
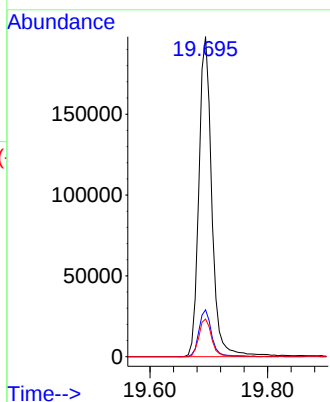
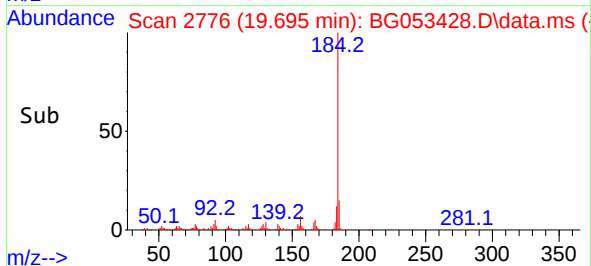
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



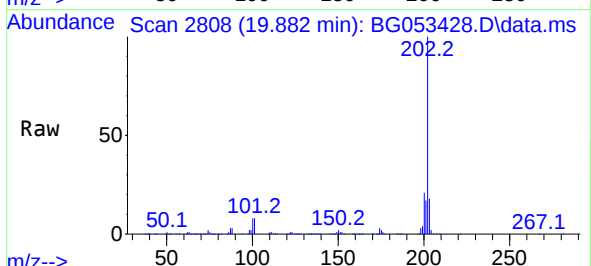
Tgt Ion:184 Resp: 301550
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.8 9.4 14.2

Manual Integrations
APPROVED

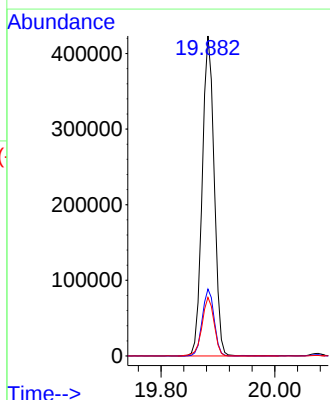
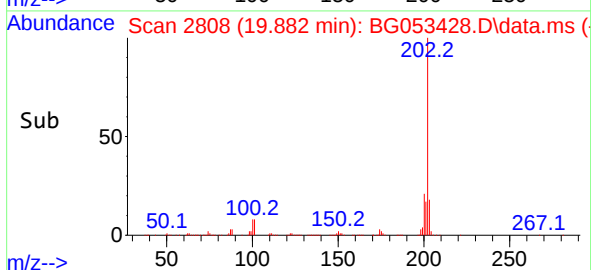
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

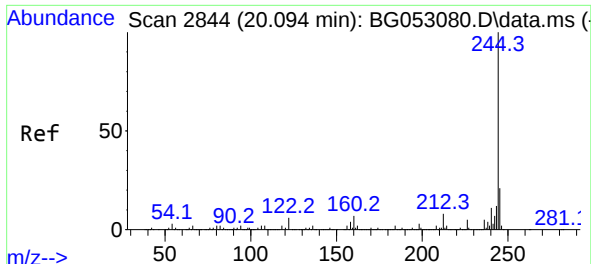


#78
Pyrene
Concen: 43.888 ng
RT: 19.882 min Scan# 2808
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:202 Resp: 619752
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 18.3 15.0 22.6





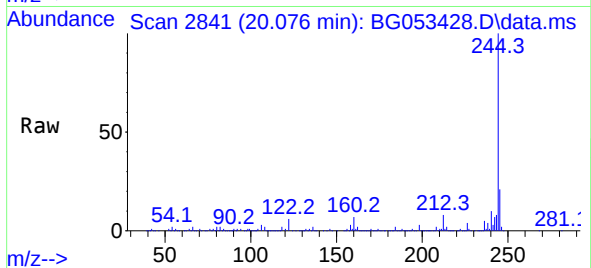
#79
 Terphenyl-d14
 Concen: 83.810 ng
 RT: 20.076 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053428.D
 Acq: 4 May 2022 12:59

Instrument :

BNA_G

ClientSampleId :

PB144537BSD

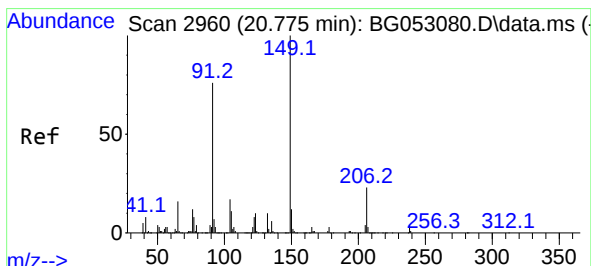
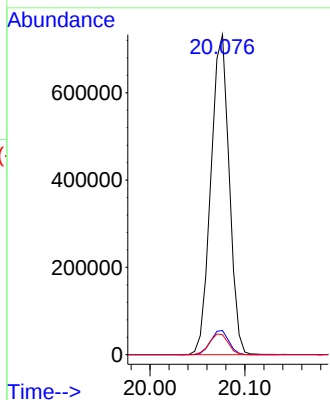
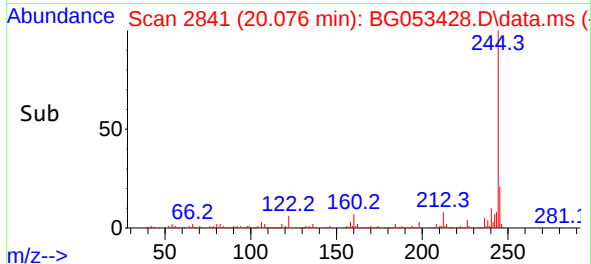


Tgt Ion:244 Resp: 98393
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 6.2 5.8 8.6

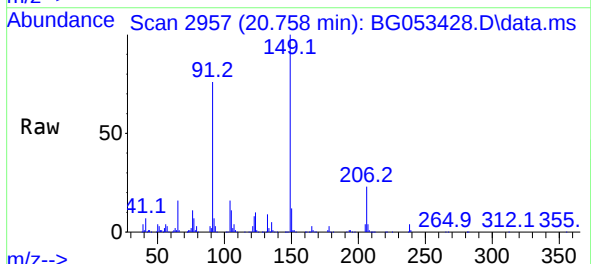
Manual Integrations

APPROVED

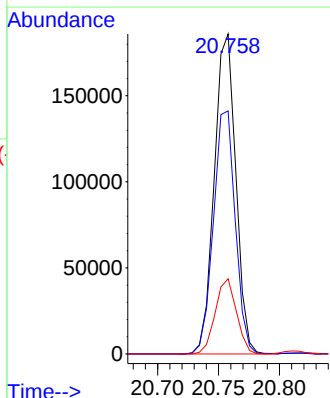
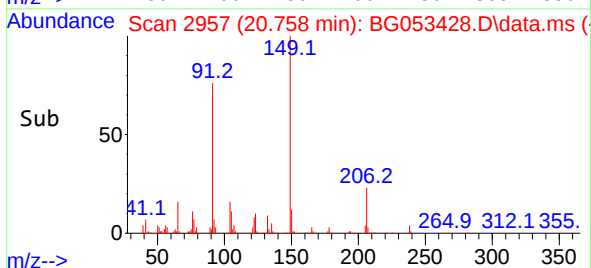
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

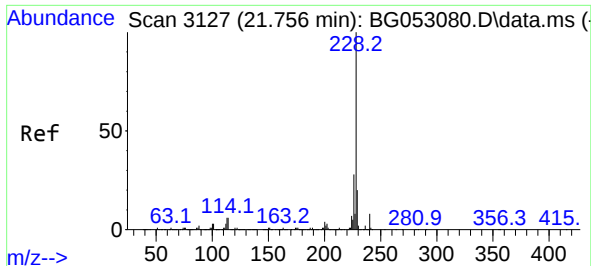


#80
 Butylbenzylphthalate
 Concen: 43.457 ng
 RT: 20.758 min Scan# 2957
 Delta R.T. 0.002 min
 Lab File: BG053428.D
 Acq: 4 May 2022 12:59



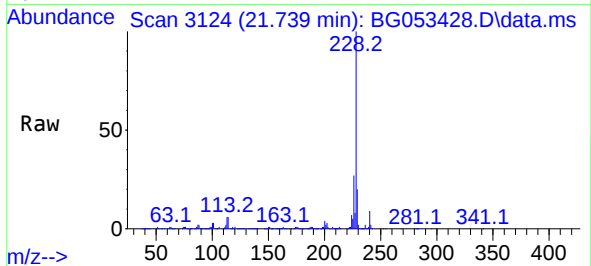
Tgt Ion:149 Resp: 228788
 Ion Ratio Lower Upper
 149 100
 91 76.0 60.2 90.4
 206 23.5 19.4 29.2





#81
Benzo(a)anthracene
Concen: 44.722 ng
RT: 21.739 min Scan# 3108
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

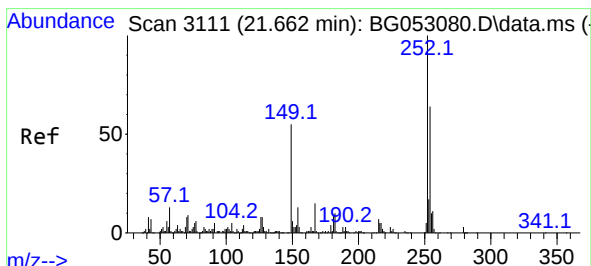
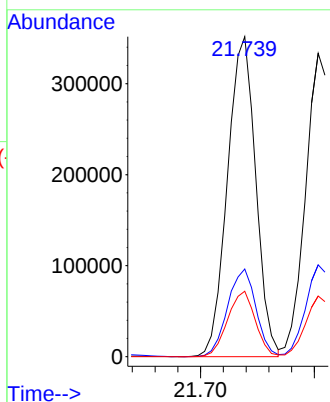
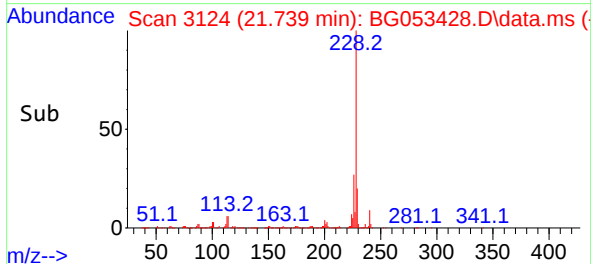
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



Tgt Ion:228 Resp: 60628
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.4 16.7 25.1

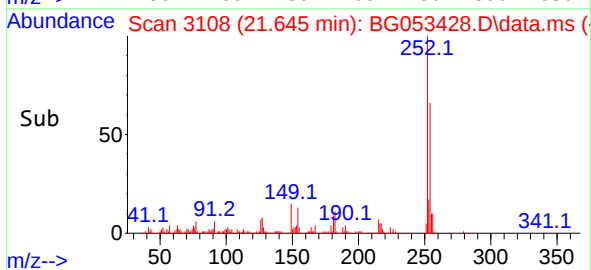
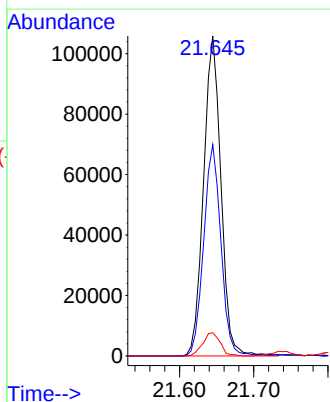
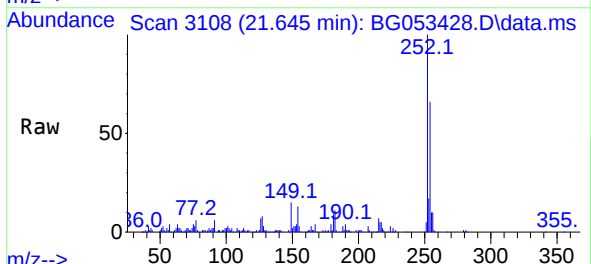
Manual Integrations
APPROVED

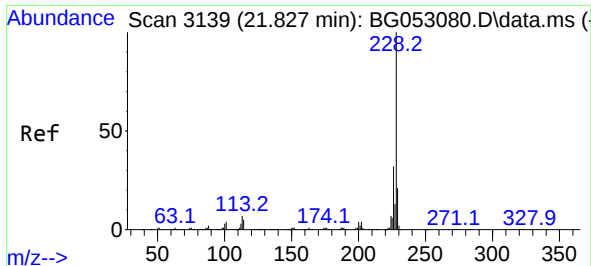
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.582 ng
RT: 21.645 min Scan# 3108
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

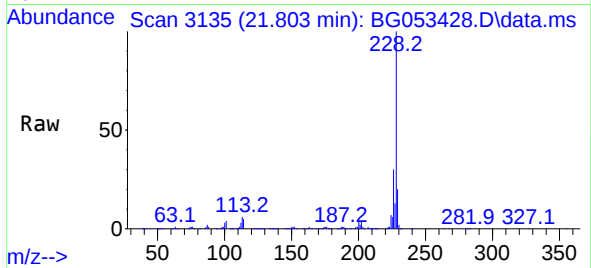
Tgt Ion:252 Resp: 172415
Ion Ratio Lower Upper
252 100
254 66.0 51.2 76.8
126 7.3 5.8 8.8





#83
Chrysene
Concen: 44.209 ng
RT: 21.803 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

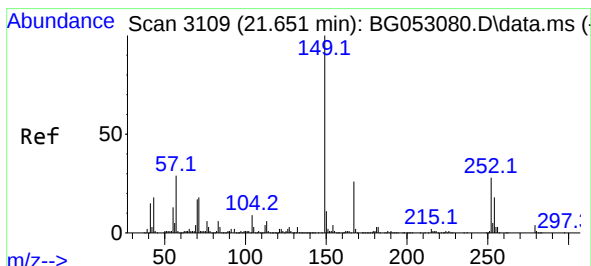
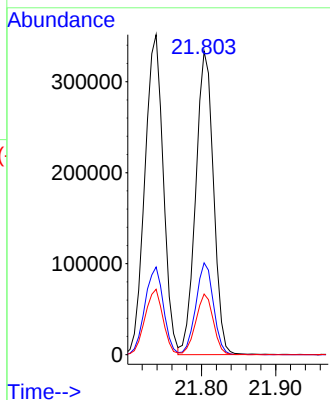
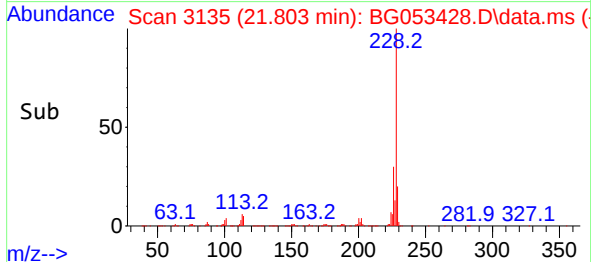
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



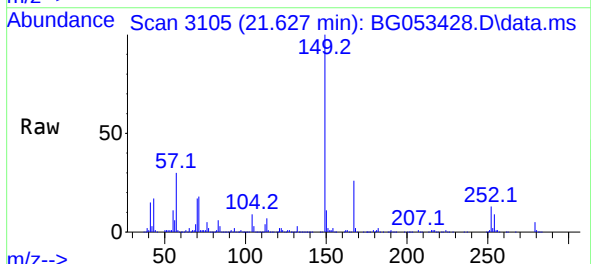
Tgt Ion:228 Resp: 556227
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.0 16.3 24.5

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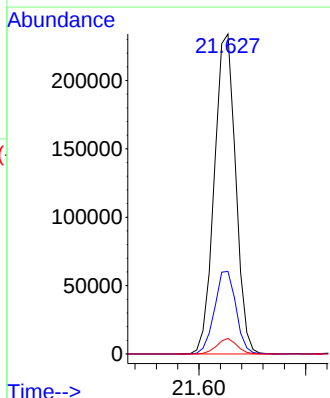
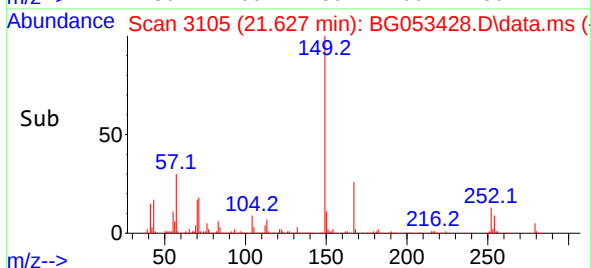
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

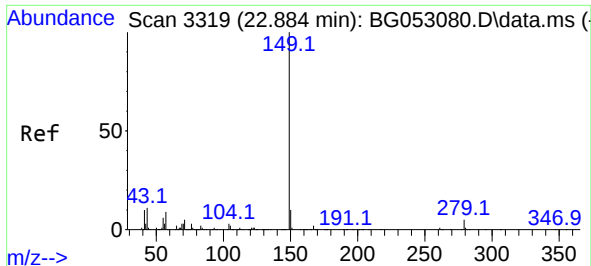


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.629 ng
RT: 21.627 min Scan# 3105
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



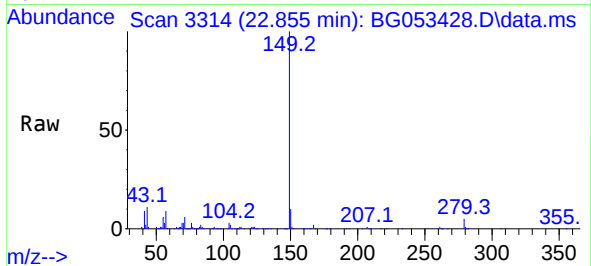
Tgt Ion:149 Resp: 324709
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 4.8 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 46.348 ng
RT: 22.855 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

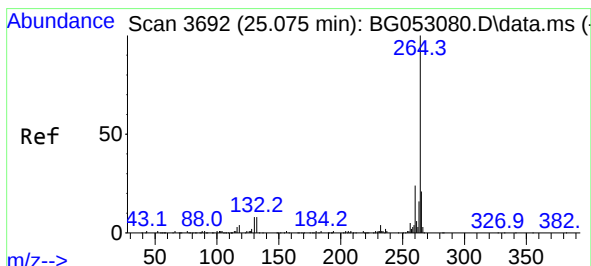
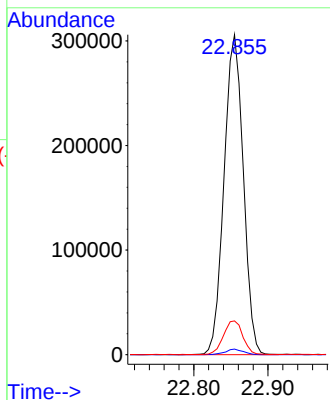
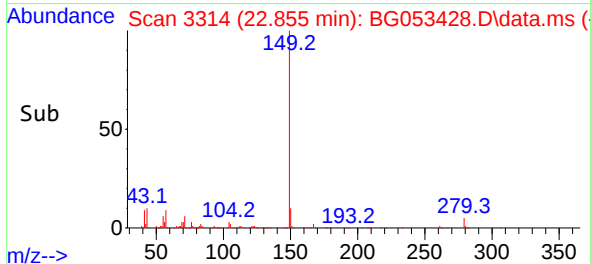
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



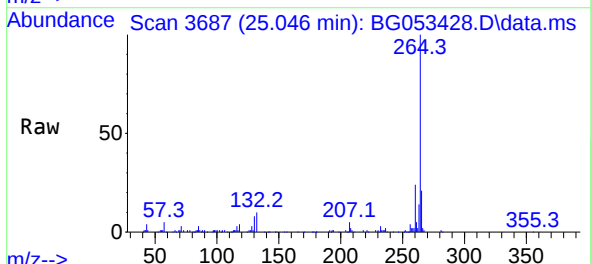
Tgt Ion:149 Resp: 551620
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 7.6 11.4

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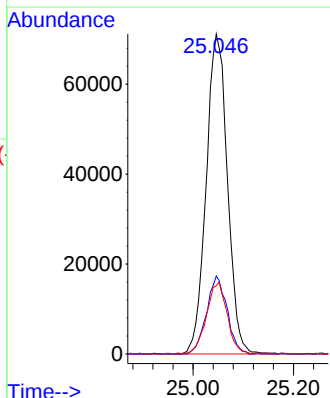
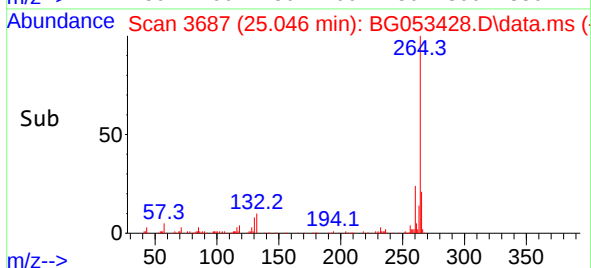
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

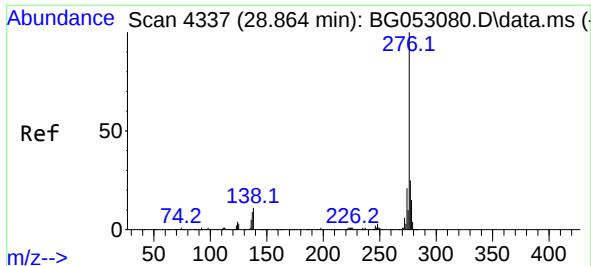


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.046 min Scan# 3687
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



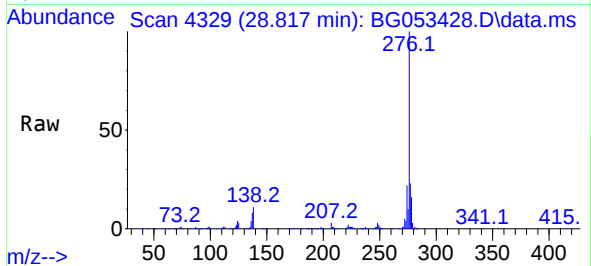
Tgt Ion:264 Resp: 209472
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.2
265 21.3 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.891 ng
RT: 28.817 min Scan# 41
Delta R.T. -0.010 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

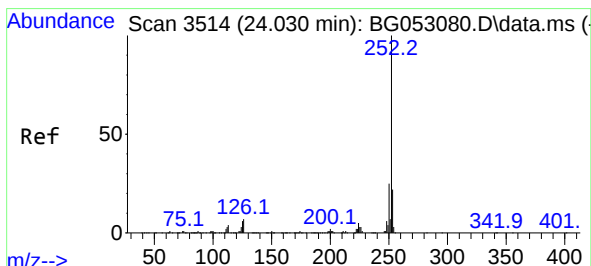
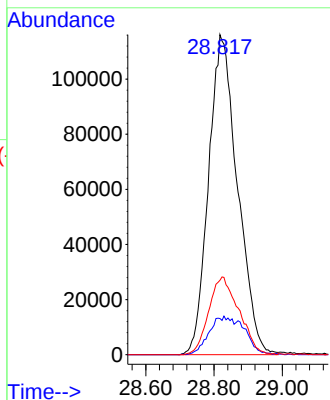
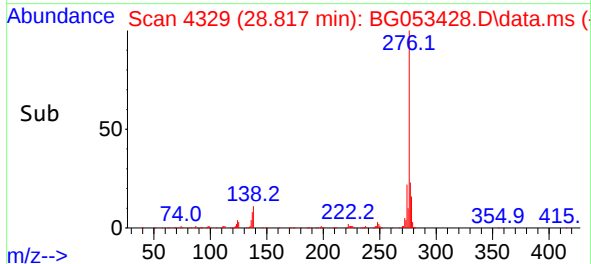
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



Tgt Ion:276 Resp: 68305
Ion Ratio Lower Upper
276 100
138 5.8 8.7 13.1
277 25.4 20.2 30.4

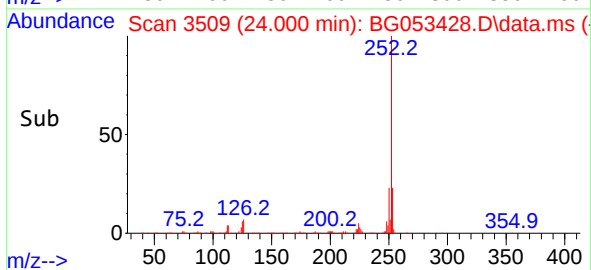
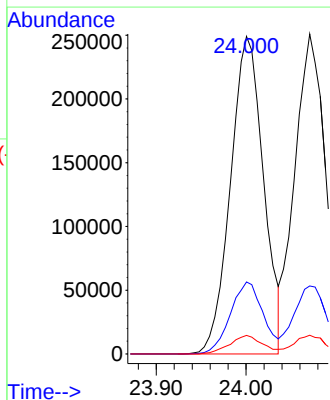
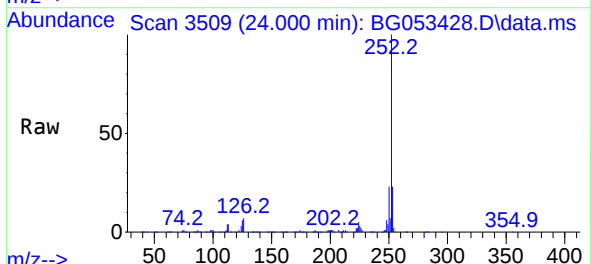
Manual Integrations
APPROVED

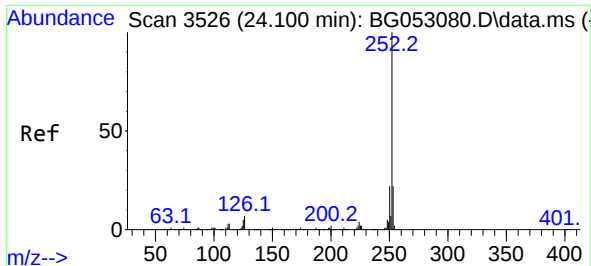
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#88
Benzo(b)fluoranthene
Concen: 48.091 ng
RT: 24.000 min Scan# 3509
Delta R.T. -0.004 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

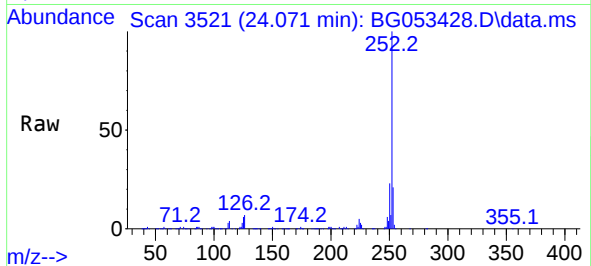
Tgt Ion:252 Resp: 635588
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 5.9 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 45.977 ng
RT: 24.071 min Scan# 30
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

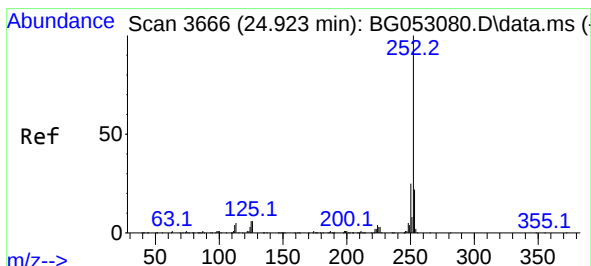
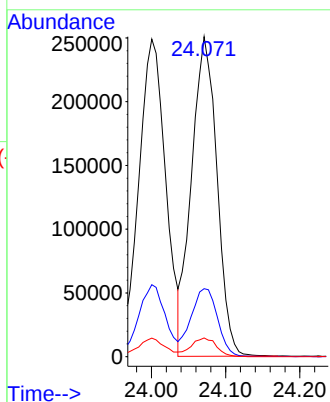
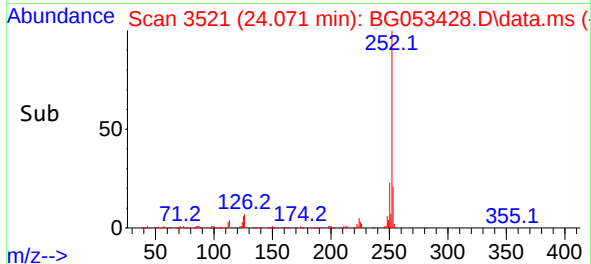
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



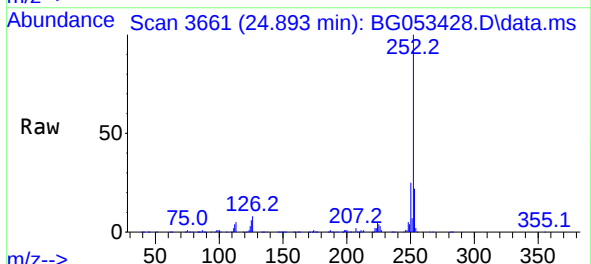
Tgt Ion:252 Resp: 597208
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 5.9 5.0 7.4

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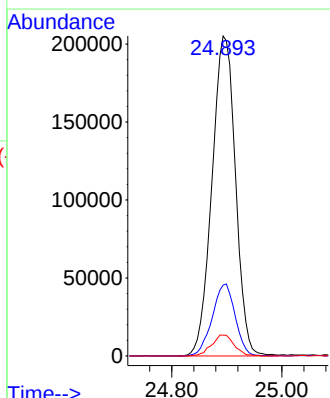
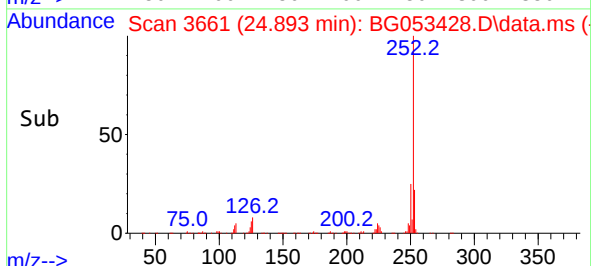
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

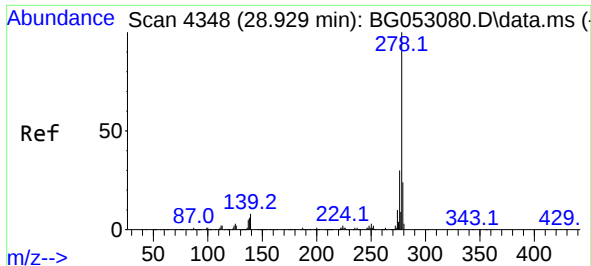


#90
Benzo(a)pyrene
Concen: 54.100 ng
RT: 24.893 min Scan# 3661
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



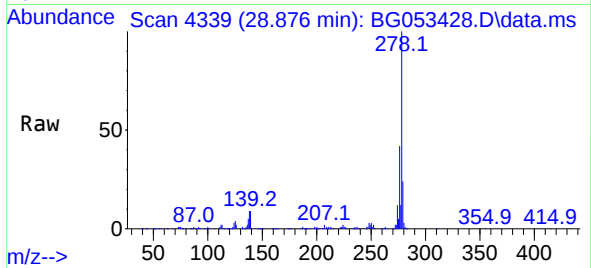
Tgt Ion:252 Resp: 609127
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 6.5 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 45.737 ng
RT: 28.876 min Scan# 41
Delta R.T. -0.010 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59

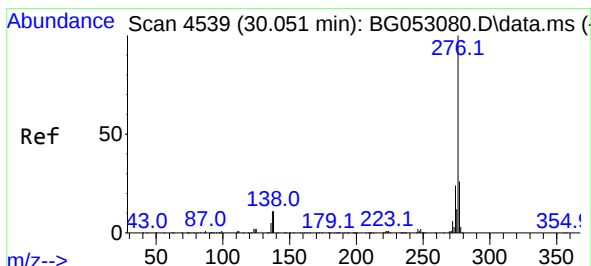
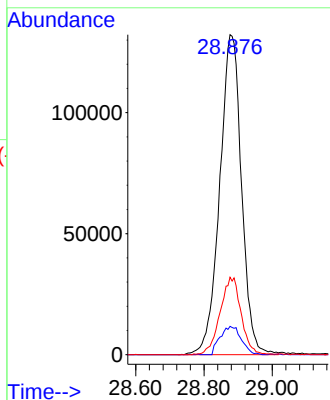
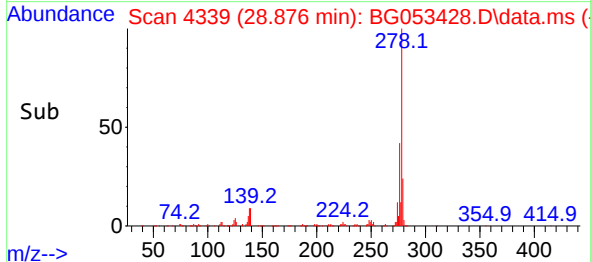
Instrument :
BNA_G
ClientSampleId :
PB144537BSD



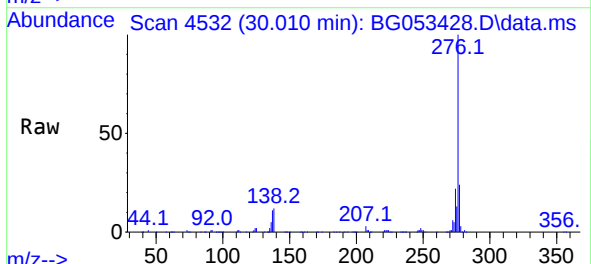
Tgt Ion:278 Resp: 58584
Ion Ratio Lower Upper
278 100
139 8.9 7.8 11.6
279 24.2 18.5 27.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.002 ng
RT: 30.010 min Scan# 4532
Delta R.T. 0.002 min
Lab File: BG053428.D
Acq: 4 May 2022 12:59



Tgt Ion:276 Resp: 580762
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.2
138 12.2 9.1 13.7

