

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058324.D
 Acq On : 19 Jul 2023 10:41
 Operator : CG/JU
 Sample : 03452-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4665

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 19 11:22:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	37861	20.000	ng/u1	0.00
20) Naphthalene-d8	10.702	136	177330	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	135112	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	322821	20.000	ng/u1	0.00
79) Chrysene-d12	21.537	240	261373	20.000	ng/u1	0.00
88) Perylene-d12	24.668	264	320453	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3767	3.662	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.060	99	117260	32.648	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	66494	29.621	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	80075	31.850	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	86098	31.428	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	42539	32.004	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	47199	32.526	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	93193	33.502	ng/u1	0.00
31) 4-Chloroaniline-d4	10.837	131	86090	21.348	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	335994	32.249	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	367631	33.670	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	52887	33.612	ng/u1	0.00
60) Fluorene-d10	15.532	176	302628	35.084	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	50804	30.889	ng/u1	0.00
73) Anthracene-d10	17.383	188	512770	36.761	ng/u1	0.00
81) Pyrene-d10	19.674	212	594079	38.483	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.457	264	601740	38.851	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	22708	19.462	ng/uL	94
6) Benzaldehyde	7.036	77	84974m	58.583	ng/u1	
8) Phenol	7.089	94	139222	37.326	ng/u1	96
12) 2-Chlorophenol	7.459	128	61529	23.380	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.699	70	69712	27.301	ng/u1	99
22) Nitrobenzene	9.104	77	76369	21.545	ng/u1	100
25) 2-Nitrophenol	9.815	139	38139	24.606	ng/u1	93
29) 2,4-Dichlorophenol	10.350	162	70968	26.880	ng/u1	94
30) Naphthalene	10.749	128	164731	17.379	ng/u1	99
33) Hexachlorobutadiene	11.031	225	47280	25.043	ng/u1	96
35) 4-Chloro-3-methylphenol	11.983	107	145987	43.448	ng/u1	97
37) 1-Methylnaphthalene	12.582	142	164120	25.216	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.729	216	79988	20.451	ng/u1	99
41) 2,4,6-Trichlorophenol	12.970	196	87804	33.162	ng/u1	99
43) 1,1'-Biphenyl	13.370	154	247167	27.053	ng/u1	100
44) 2-Chloronaphthalene	13.411	162	121876	16.778	ng/u1	97
47) Dimethylphthalate	13.987	163	210759	20.139	ng/u1	98
48) 2,6-Dinitrotoluene	14.110	165	54614	27.006	ng/u1	97
52) Acenaphthene	14.604	153	184909	22.597	ng/u1	99
55) 4-Nitrophenol	14.756	109	32367	26.710	ng/u1	90
56) Dibenzofuran	14.933	168	230411	19.775	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.162	232	62762	24.060	ng/u1#	98
62) 4-Chlorophenyl-phenyle...	15.573	204	92210	18.178	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.667	198	83574	49.390	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.590	284	87378	22.647	ng/ul	97
71) Pentachlorophenol	16.936	266	91797	42.386	ng/ul	95
72) Phenanthrene	17.324	178	319843	20.849	ng/ul	99
74) Anthracene	17.418	178	359537	23.345	ng/ul	98
77) Carbazole	17.688	167	331943	24.864	ng/ul	99
78) Di-n-butylphthalate	18.241	149	359491	21.191	ng/ul	100
80) Fluoranthene	19.339	202	802965	45.403	ng/ul	99
82) Pyrene	19.704	202	577399	32.222	ng/ul	99
83) Butylbenzylphthalate	20.585	149	147497	20.903	ng/ul	95
85) Benzo(a)anthracene	21.513	228	698110	39.737	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	264899	26.394	ng/ul	99
87) Chrysene	21.578	228	480231	28.819	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	531283	28.654	ng/ul	99
93) Benzo(a)pyrene	24.521	252	449539	27.260	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.246	276	648320	29.838	ng/ul	100
95) Dibenzo(a,h)anthracene	28.293	278	418130	23.468	ng/ul	98

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

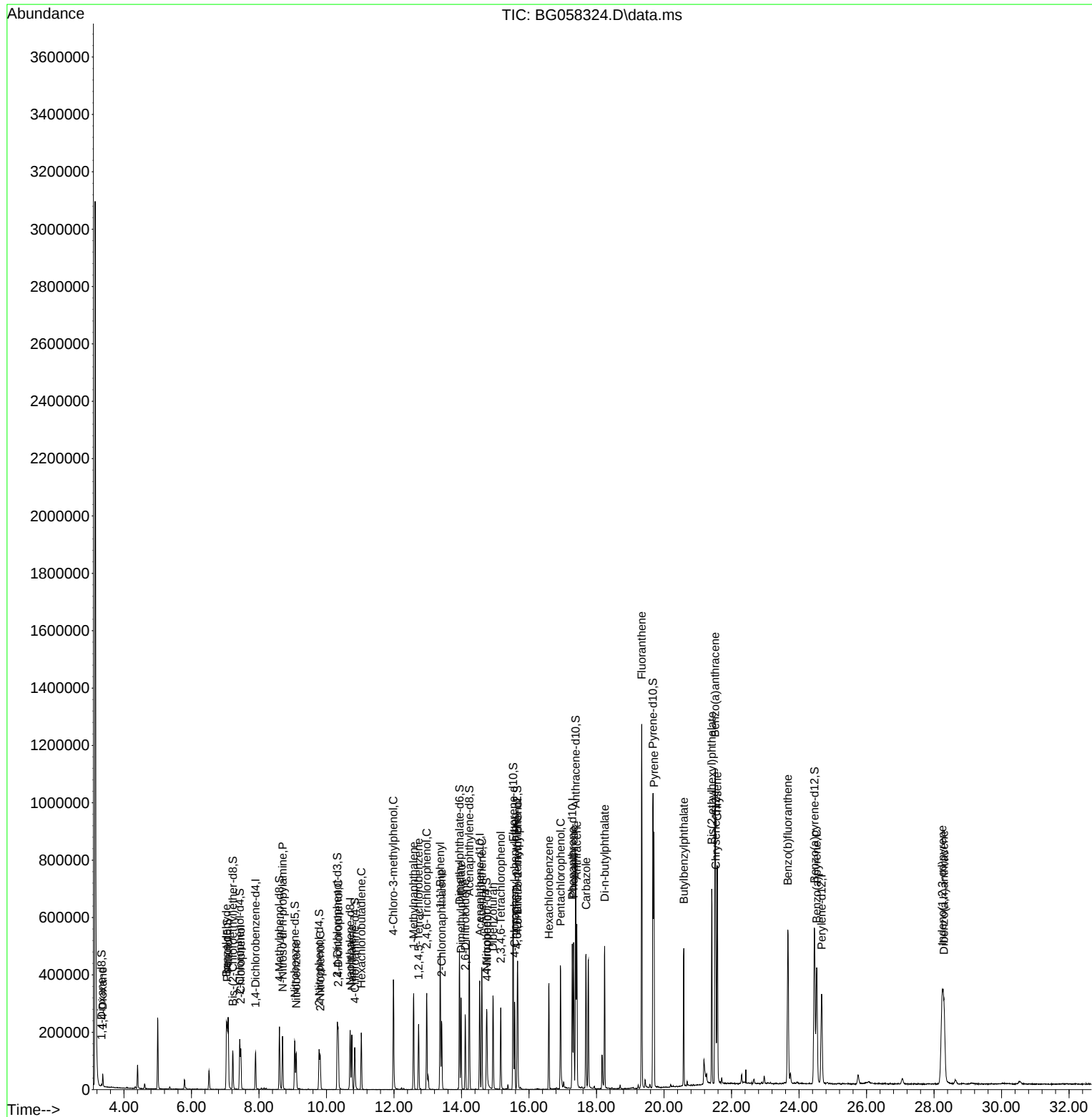
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Data File : BG058324.D
Acq On : 19 Jul 2023 10:41
Operator : CG/JU
Sample : 03452-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

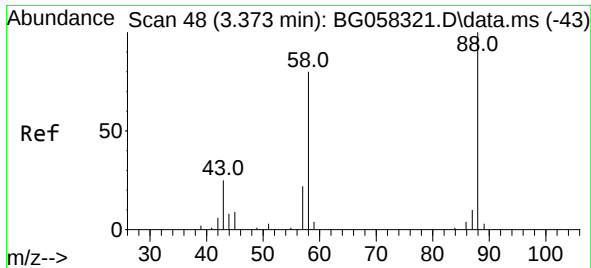
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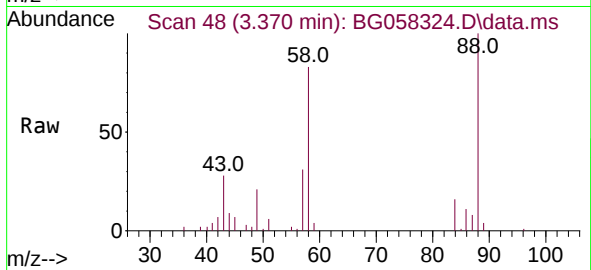
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#2
1,4-Dioxane
Concen: 19.462 ng/uL
RT: 3.370 min Scan# 48
Delta R.T. -0.005 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

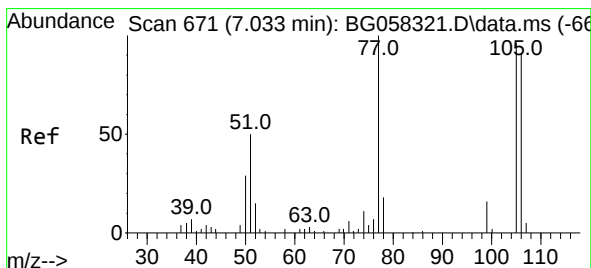
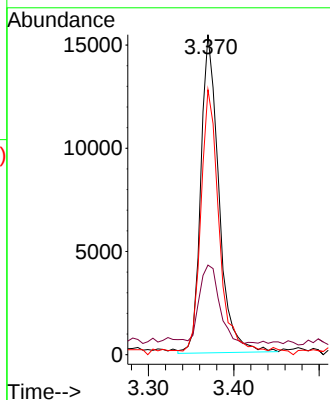
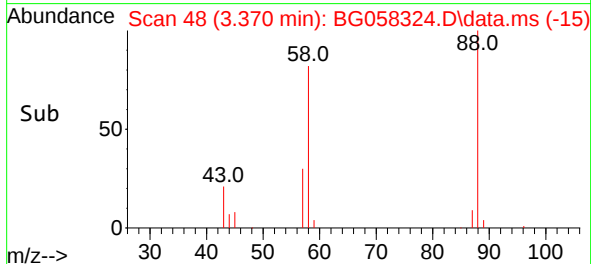
Instrument :
BNA_G
ClientSampleId :
A4665



Tgt Ion: 88 Resp: 22708
Ion Ratio Lower Upper
88 100
43 28.0 19.6 29.4
58 82.8 70.2 105.4

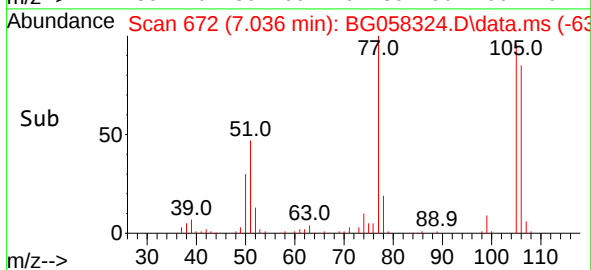
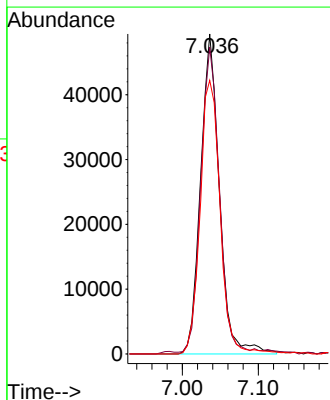
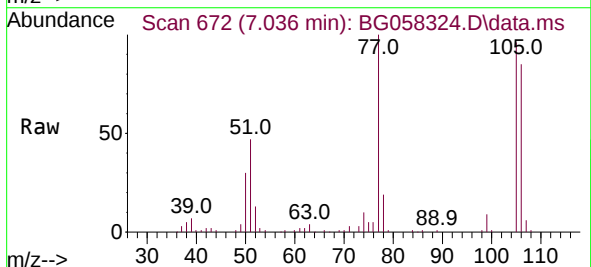
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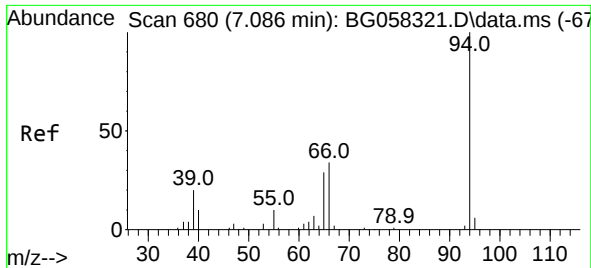
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#6
Benzaldehyde
Concen: 58.583 ng/uL m
RT: 7.036 min Scan# 672
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Tgt Ion: 77 Resp: 84974
Ion Ratio Lower Upper
77 100
105 95.9 78.2 117.4
106 85.5 71.6 107.4





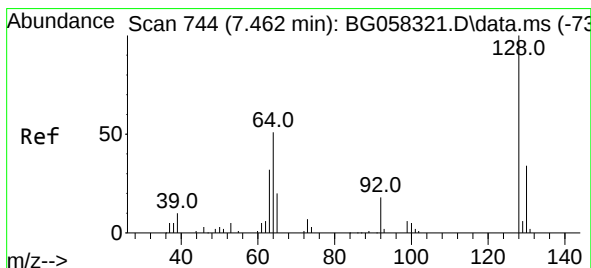
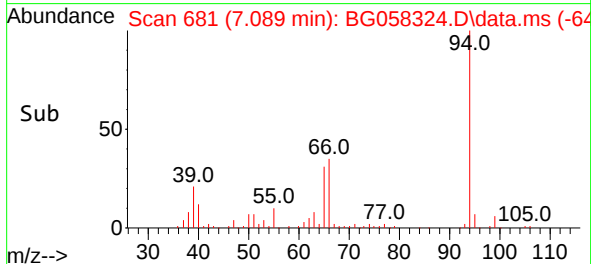
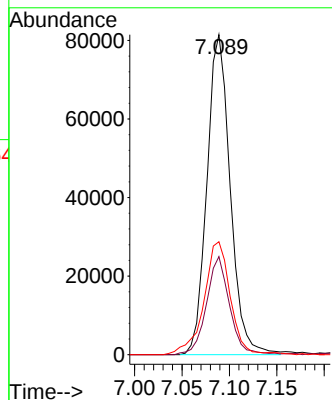
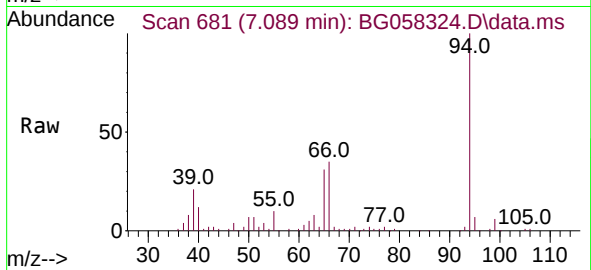
#8
Phenol
Concen: 37.326 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Instrument :
BNA_G
ClientSampleId :
A4665

Tgt Ion: 94 Resp: 13922
Ion Ratio Lower Upper
94 100
65 30.7 23.8 35.8
66 35.3 31.2 46.8

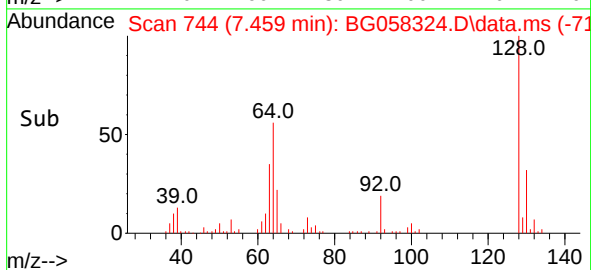
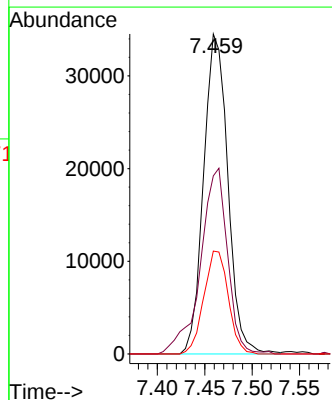
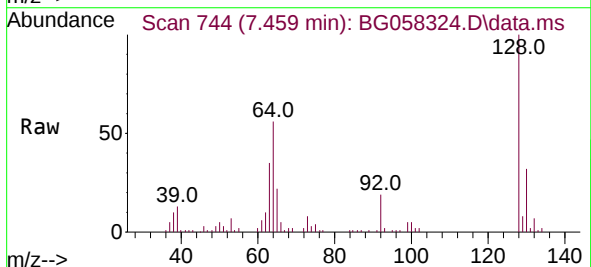
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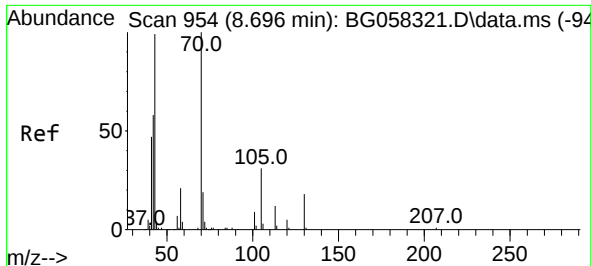
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#12
2-Chlorophenol
Concen: 23.380 ng/ul
RT: 7.459 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

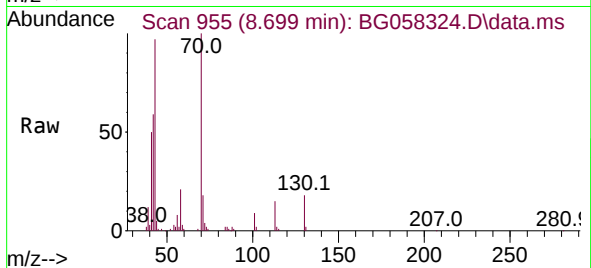
Tgt Ion:128 Resp: 61529
Ion Ratio Lower Upper
128 100
64 55.6 45.6 68.4
130 32.2 25.2 37.8





#17
N-Nitroso-di-n-propylamine
Concen: 27.301 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

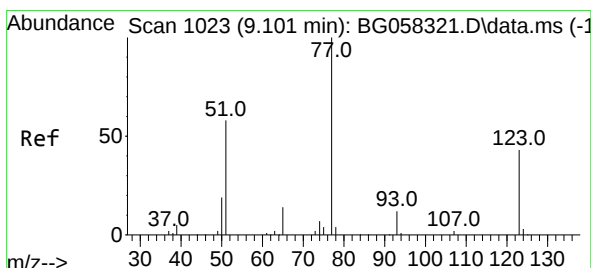
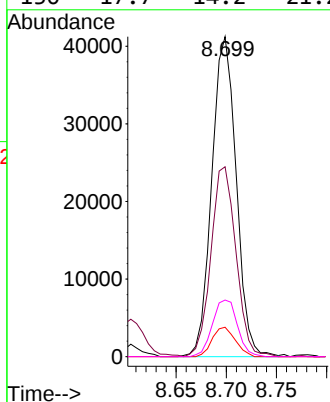
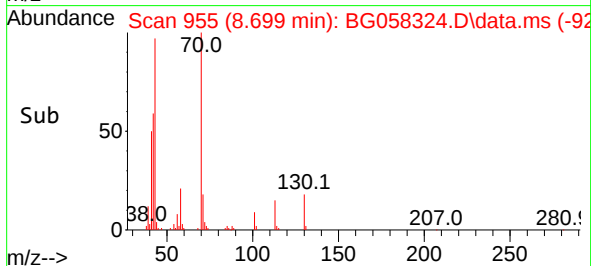
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 70 Resp: 6971
Ion Ratio Lower Upper
70 100
42 59.4 46.6 69.8
101 9.2 7.3 10.9
130 17.7 14.2 21.2

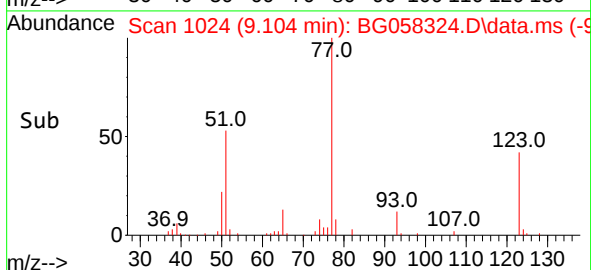
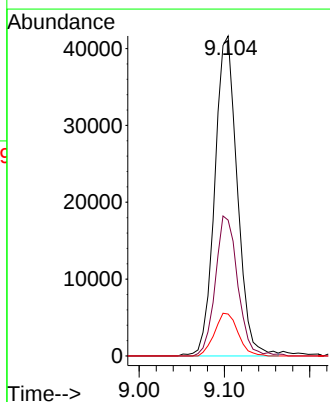
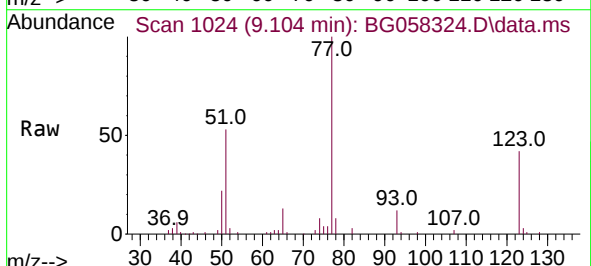
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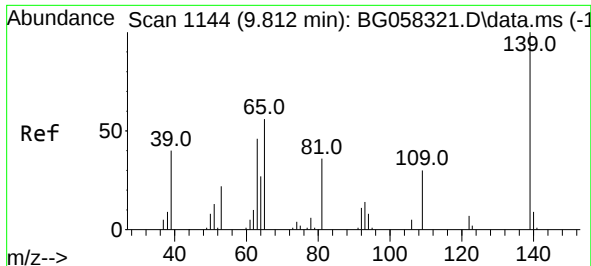
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#22
Nitrobenzene
Concen: 21.545 ng/ul
RT: 9.104 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Tgt Ion: 77 Resp: 76369
Ion Ratio Lower Upper
77 100
123 42.5 34.0 51.0
65 13.1 11.0 16.6





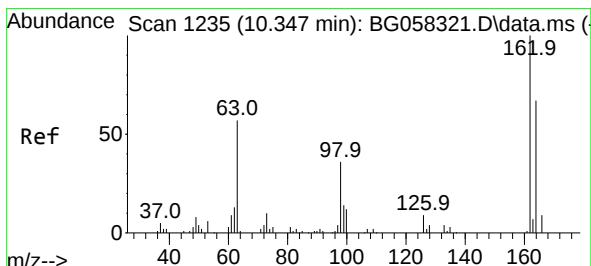
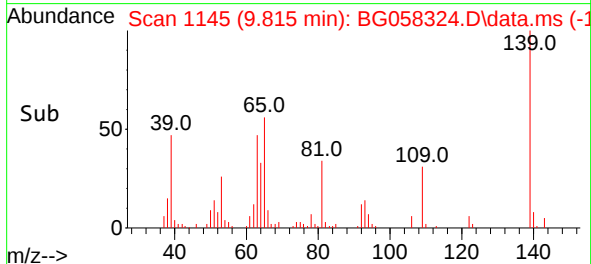
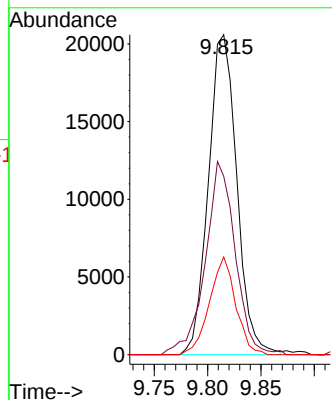
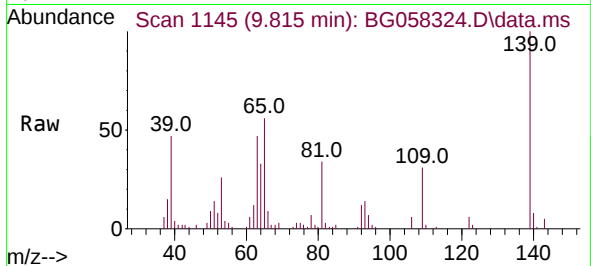
#25
2-Nitrophenol
Concen: 24.606 ng/ul
RT: 9.815 min Scan# 1144
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Instrument :
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ClientSampleId :
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Tgt Ion:139 Resp: 38139
Ion Ratio Lower Upper
139 100
65 55.8 49.2 73.8
109 30.5 21.6 32.4

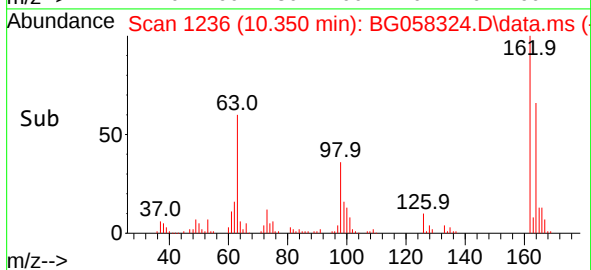
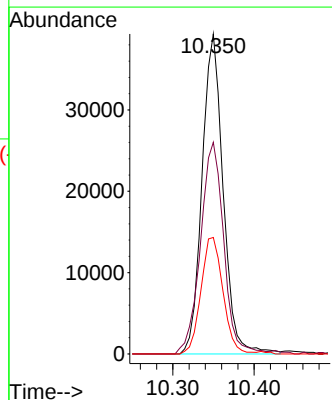
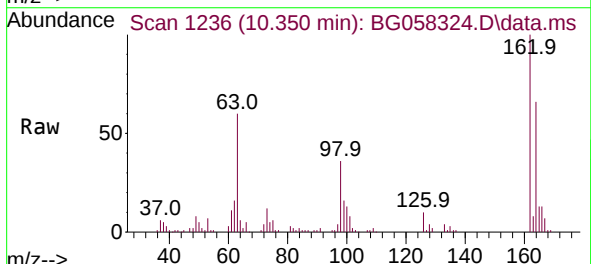
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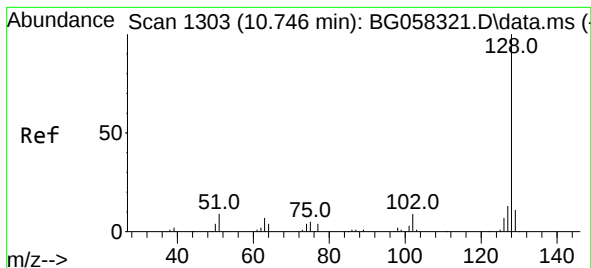
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#29
2,4-Dichlorophenol
Concen: 26.880 ng/ul
RT: 10.350 min Scan# 1236
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

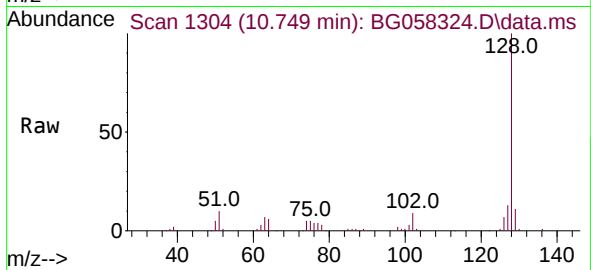
Tgt Ion:162 Resp: 70968
Ion Ratio Lower Upper
162 100
164 66.2 58.4 87.6
98 36.4 29.6 44.4





#30
Naphthalene
Concen: 17.379 ng/ul
RT: 10.749 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

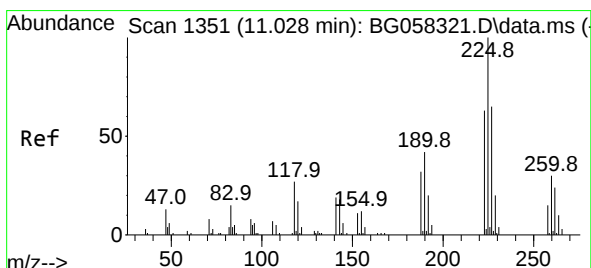
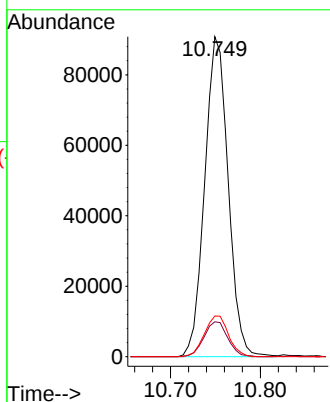
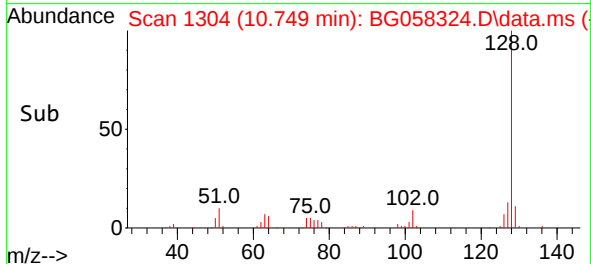
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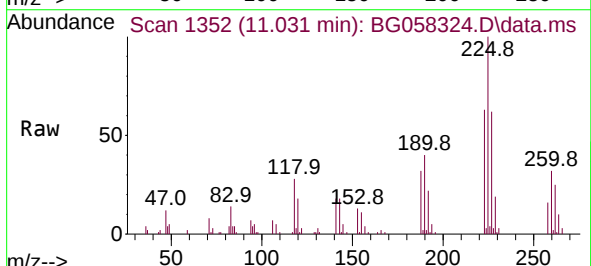
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Ion Ratio Lower Upper
128 100
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127 12.7 10.8 16.2

Manual Integrations
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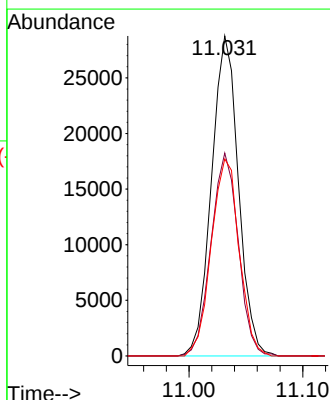
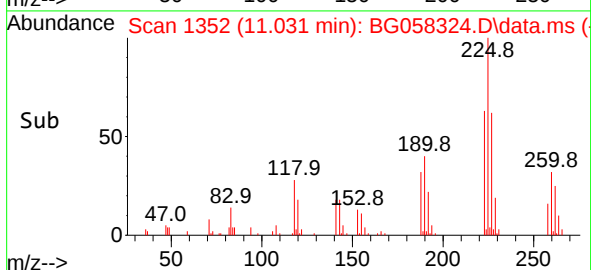
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

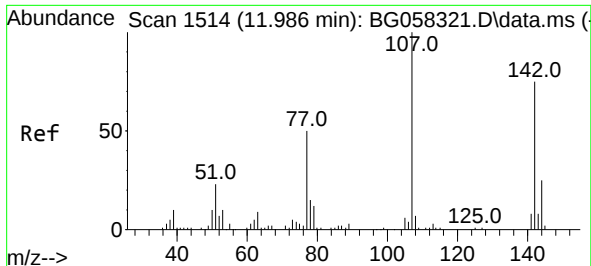


#33
Hexachlorobutadiene
Concen: 25.043 ng/ul
RT: 11.031 min Scan# 1352
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41



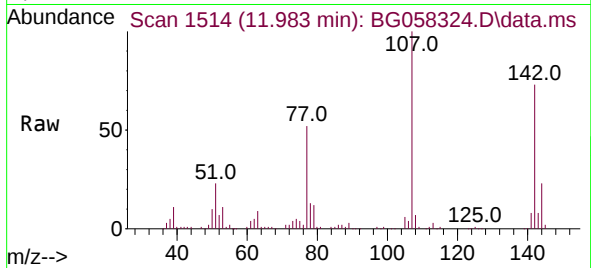
Tgt Ion:225 Resp: 47280
Ion Ratio Lower Upper
225 100
223 63.4 49.7 74.5
227 61.5 53.2 79.8





#35
4-Chloro-3-methylphenol
Concen: 43.448 ng/ul
RT: 11.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

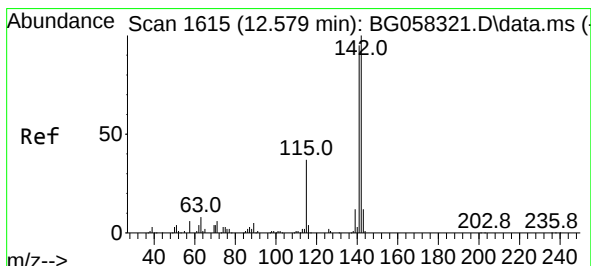
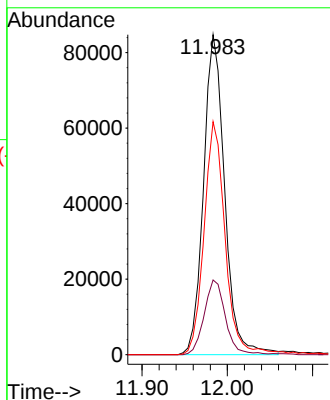
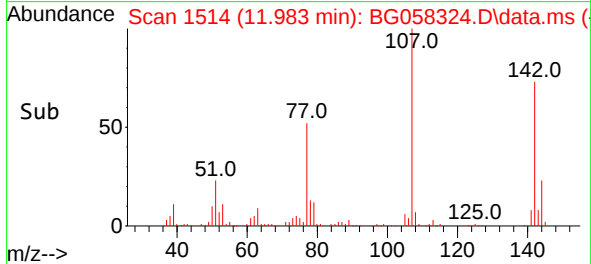
Instrument :
BNA_G
ClientSampleId :
A4665



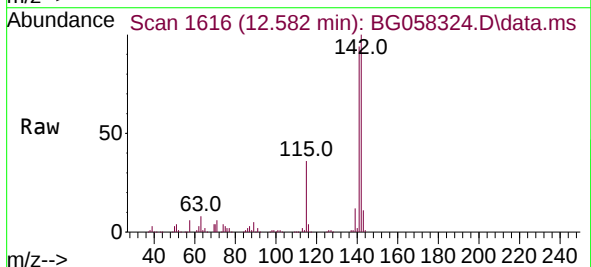
Tgt Ion:107 Resp: 14598
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.6
142 72.8 55.8 83.6

Manual Integrations
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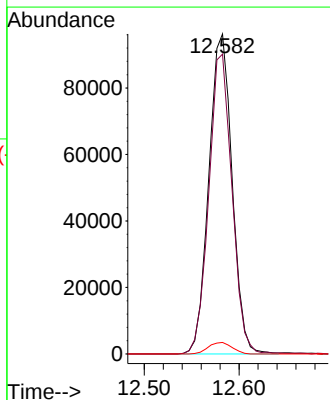
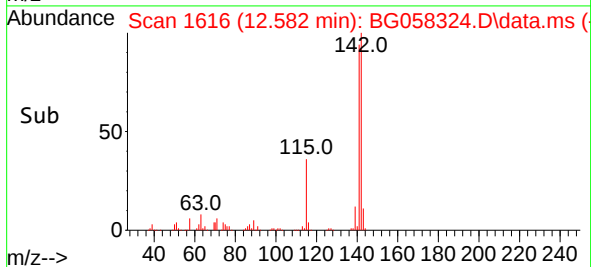
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

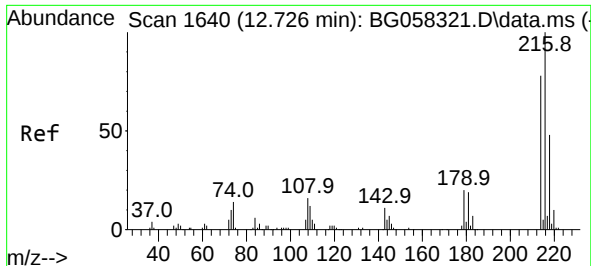


#37
1-Methylnaphthalene
Concen: 25.216 ng/ul
RT: 12.582 min Scan# 1616
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41



Tgt Ion:142 Resp: 164120
Ion Ratio Lower Upper
142 100
141 93.7 75.8 113.6
116 3.6 3.2 4.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.451 ng/ul

RT: 12.729 min Scan# 1640

Delta R.T. 0.001 min

Lab File: BG058324.D

Acq: 19 Jul 2023 10:41

Instrument :

BNA_G

ClientSampleId :

A4665

Tgt Ion:216 Resp: 7998

Ion Ratio Lower Upper

216 100

214 77.2 62.2 93.4

179 20.1 16.2 24.2

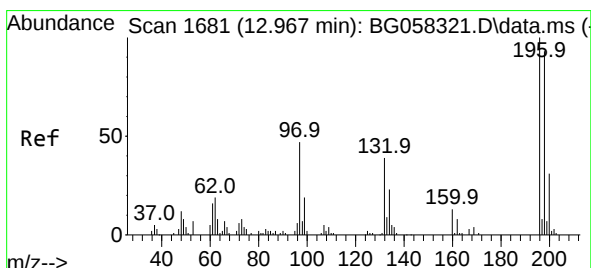
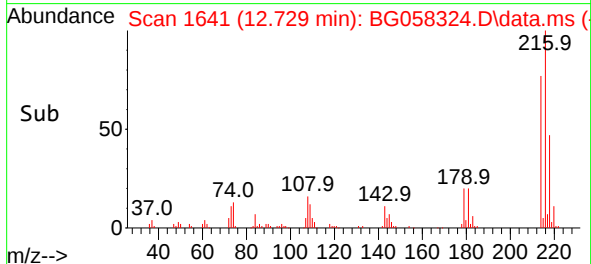
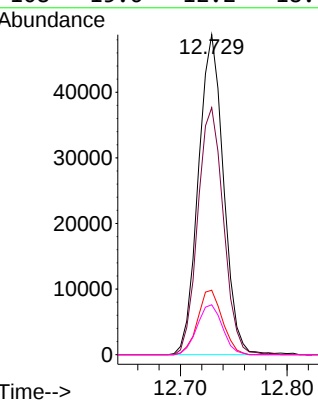
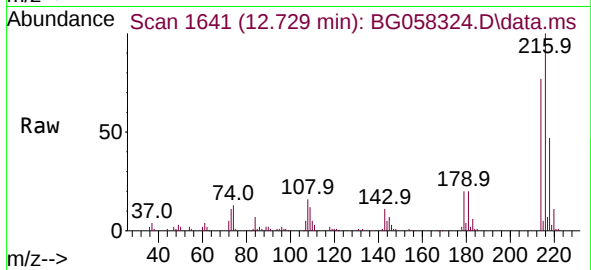
108 15.6 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#41

2,4,6-Trichlorophenol

Concen: 33.162 ng/ul

RT: 12.970 min Scan# 1682

Delta R.T. 0.001 min

Lab File: BG058324.D

Acq: 19 Jul 2023 10:41

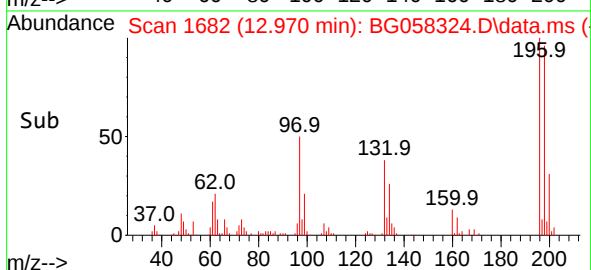
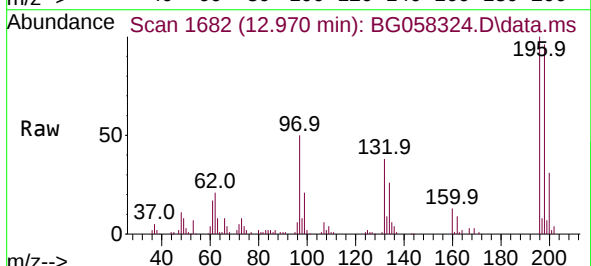
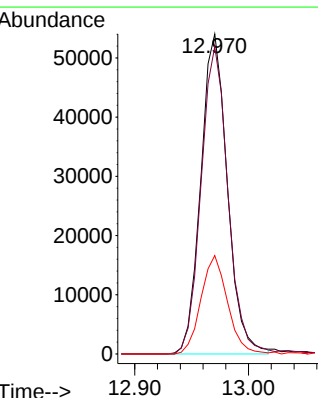
Tgt Ion:196 Resp: 87804

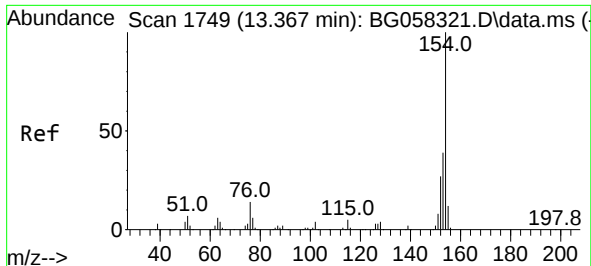
Ion Ratio Lower Upper

196 100

198 96.1 77.7 116.5

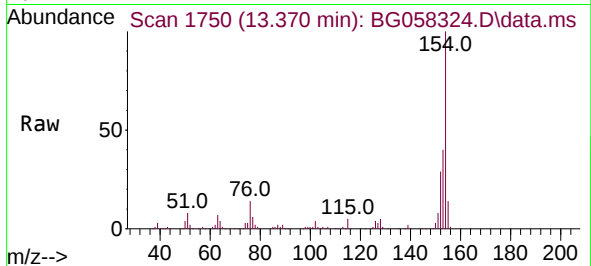
200 30.8 25.0 37.6





#43
1,1'-Biphenyl
Concen: 27.053 ng/ul
RT: 13.370 min Scan# 1750
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

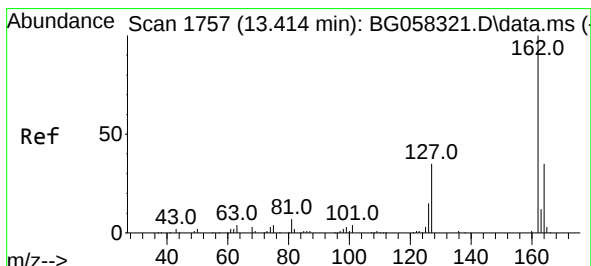
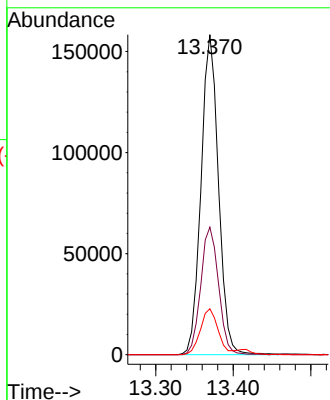
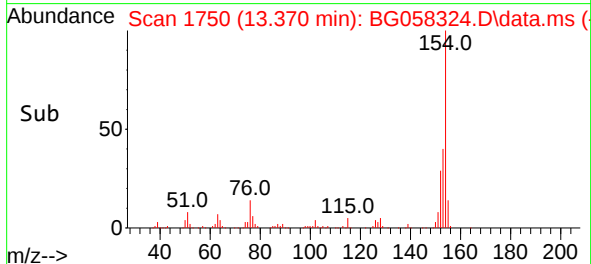
Instrument :
BNA_G
ClientSampleId :
A4665



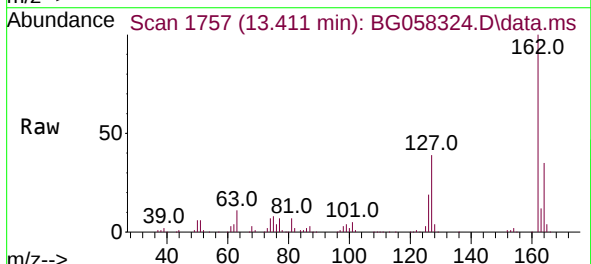
Tgt Ion:154 Resp: 24716
Ion Ratio Lower Upper
154 100
153 39.8 31.8 47.6
76 14.4 11.7 17.5

Manual Integrations
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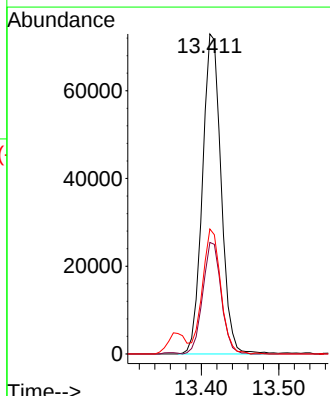
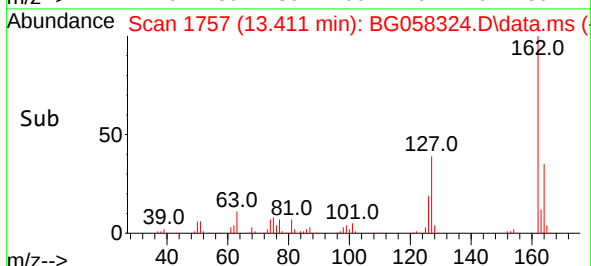
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

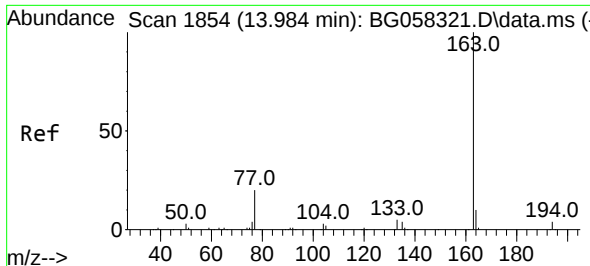


#44
2-Chloronaphthalene
Concen: 16.778 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41



Tgt Ion:162 Resp: 121876
Ion Ratio Lower Upper
162 100
164 34.9 26.2 39.2
127 39.1 29.8 44.6





#47

Dimethylphthalate

Concen: 20.139 ng/ul

RT: 13.987 min Scan# 1854

Delta R.T. 0.001 min

Lab File: BG058324.D

Acq: 19 Jul 2023 10:41

Instrument :

BNA_G

ClientSampleId :

A4665

Tgt Ion:163 Resp: 21075

Ion Ratio Lower Upper

163 100

194 3.5 2.6 3.8

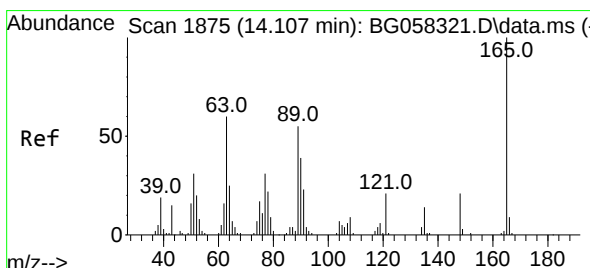
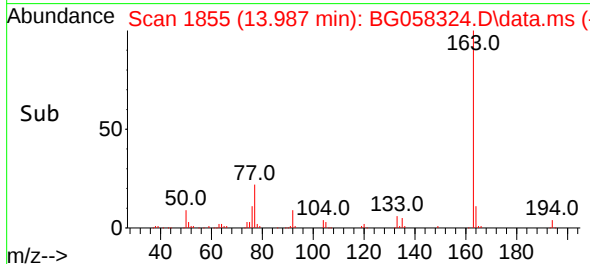
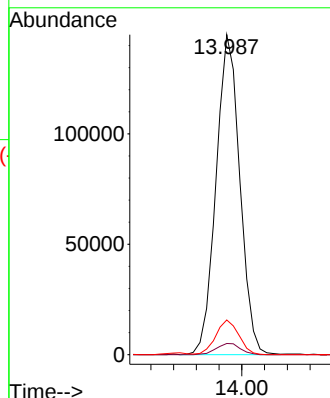
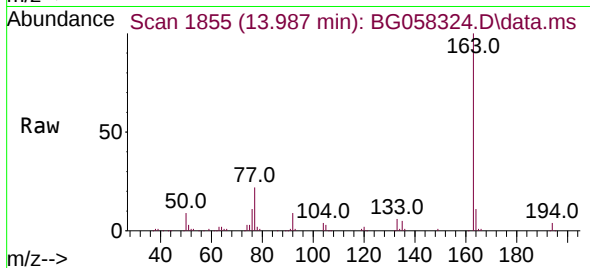
164 10.9 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#48

2,6-Dinitrotoluene

Concen: 27.006 ng/ul

RT: 14.110 min Scan# 1876

Delta R.T. 0.001 min

Lab File: BG058324.D

Acq: 19 Jul 2023 10:41

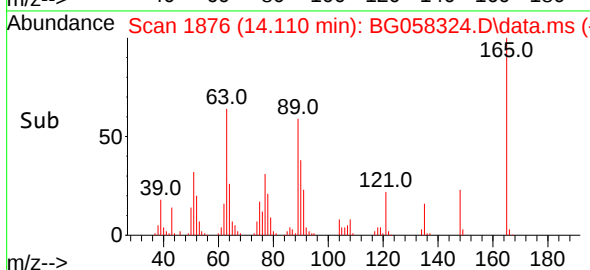
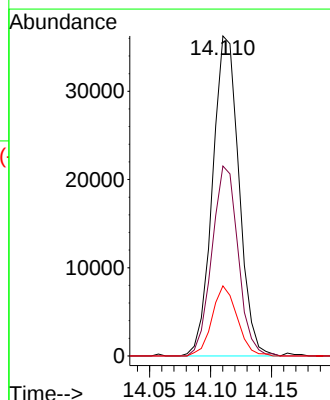
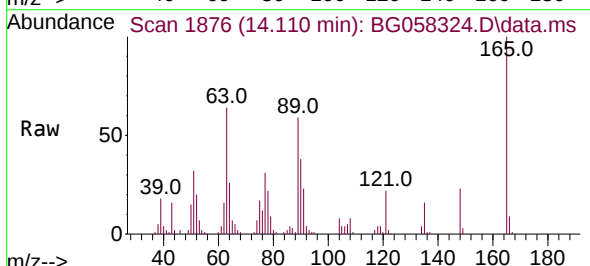
Tgt Ion:165 Resp: 54614

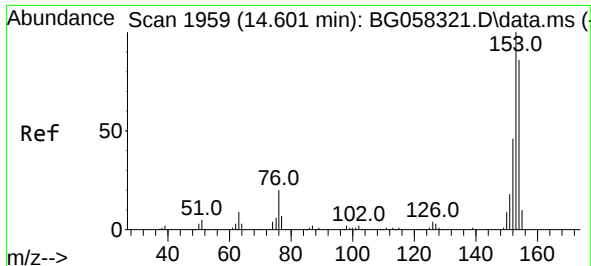
Ion Ratio Lower Upper

165 100

89 59.4 48.9 73.3

121 21.9 16.2 24.4





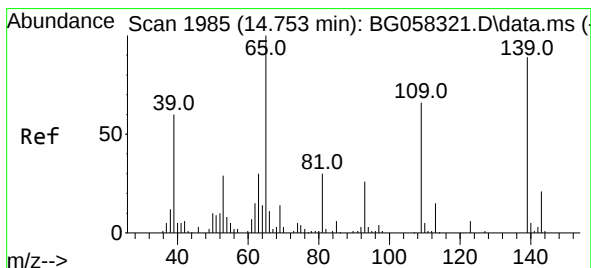
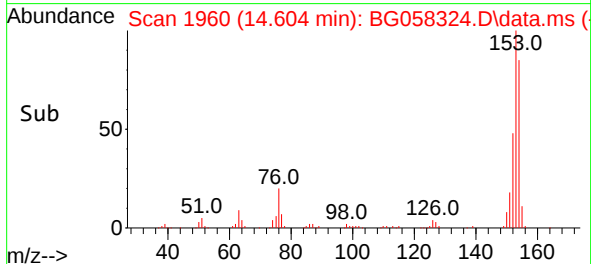
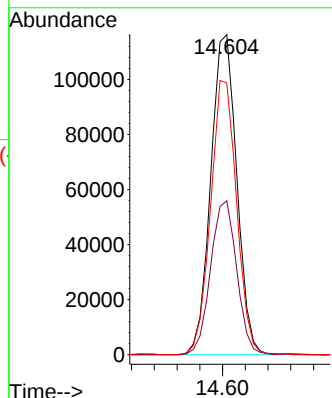
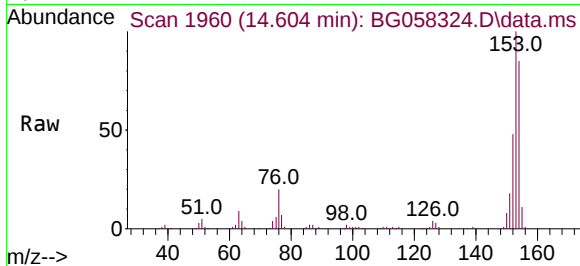
#52
Acenaphthene
Concen: 22.597 ng/ul
RT: 14.604 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Instrument :
BNA_G
ClientSampleId :
A4665

Tgt Ion:153 Resp: 184909
Ion Ratio Lower Upper
153 100
152 48.1 39.1 58.7
154 85.0 68.7 103.1

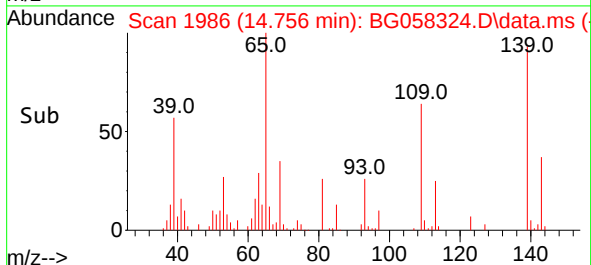
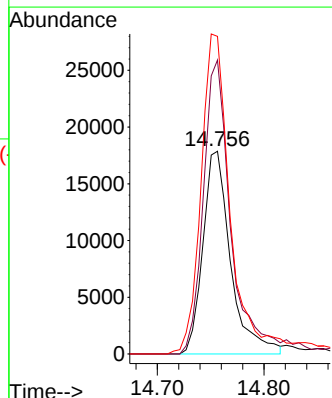
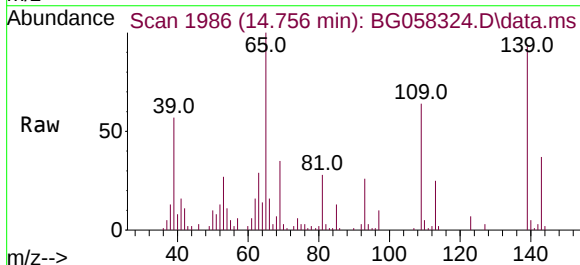
Manual Integrations
APPROVED

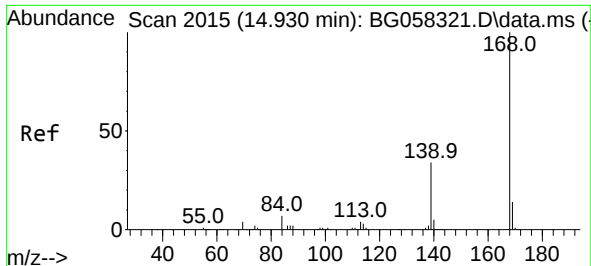
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#55
4-Nitrophenol
Concen: 26.710 ng/ul
RT: 14.756 min Scan# 1986
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Tgt Ion:109 Resp: 32367
Ion Ratio Lower Upper
109 100
139 145.0 100.3 150.5
65 156.7 120.6 180.8





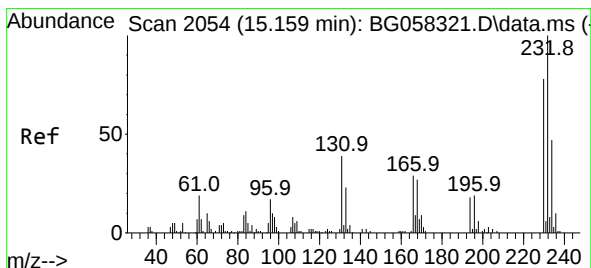
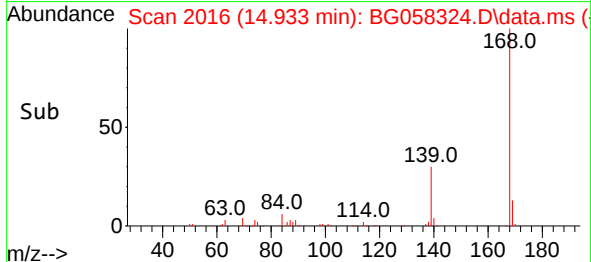
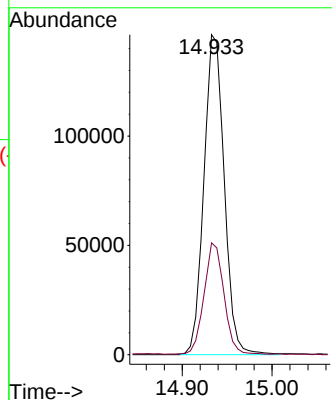
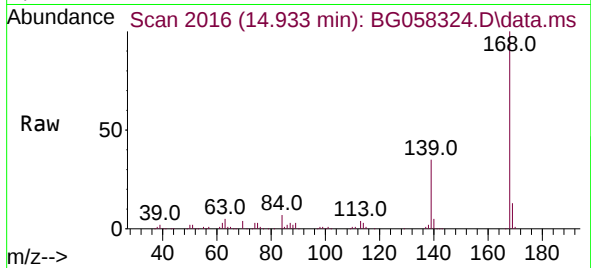
#56
Dibenzenofuran
Concen: 19.775 ng/ul
RT: 14.933 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Instrument :
BNA_G
ClientSampleId :
A4665

Tgt Ion:168 Resp: 23041
Ion Ratio Lower Upper
168 100
139 34.9 27.8 41.8

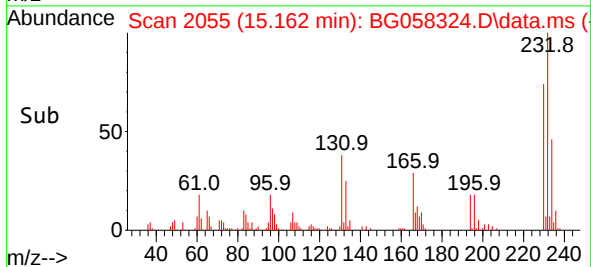
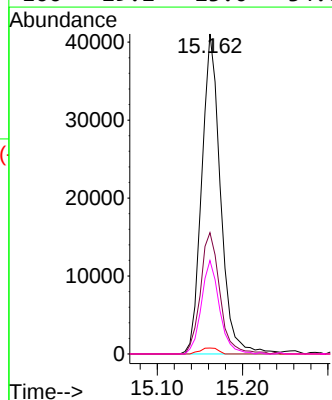
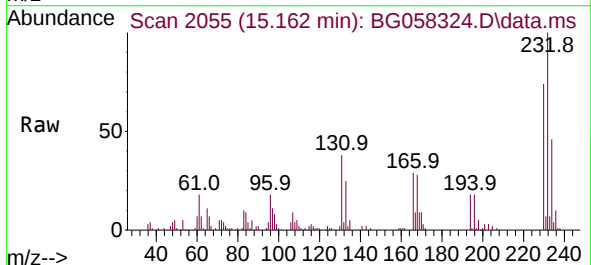
Manual Integrations
APPROVED

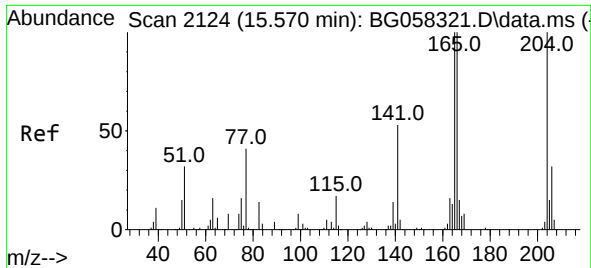
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 24.060 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Tgt Ion:232 Resp: 62762
Ion Ratio Lower Upper
232 100
131 37.9 29.0 43.6
130 1.8 1.1 1.7#
166 29.2 23.0 34.6





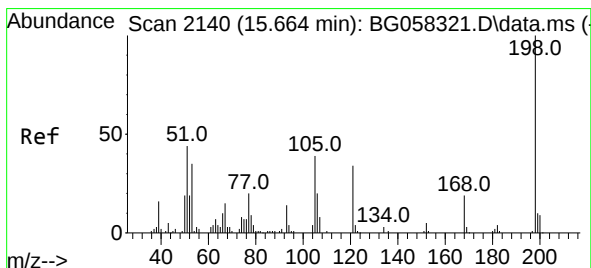
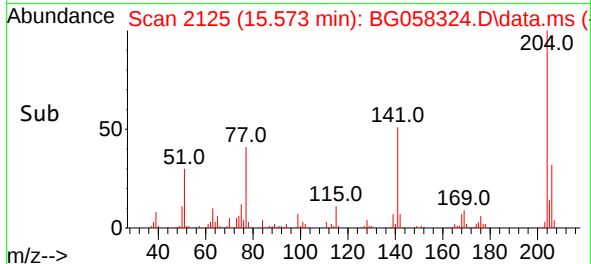
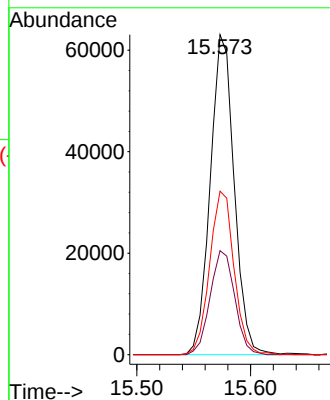
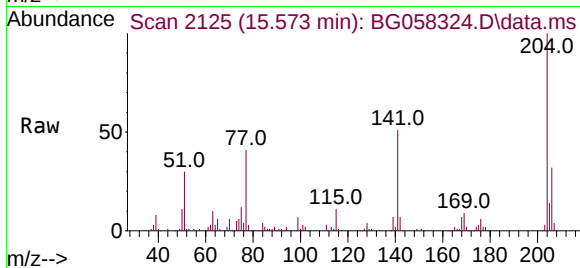
#62
4-Chlorophenyl-phenylether
Concen: 18.178 ng/ul
RT: 15.573 min Scan# 2124
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Instrument :
BNA_G
ClientSampleId :
A4665

Tgt Ion:204 Resp: 92210
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 51.1 42.2 63.2

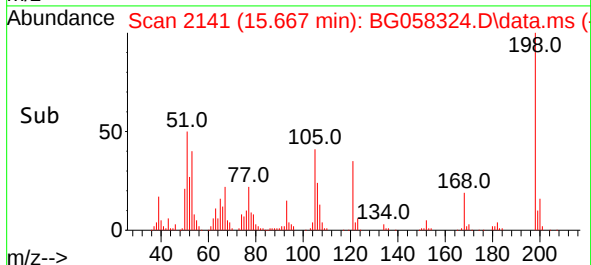
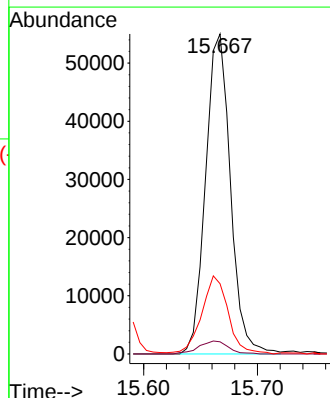
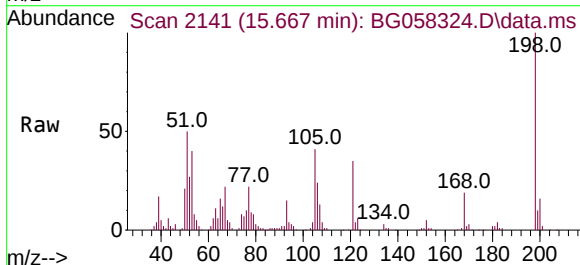
Manual Integrations
APPROVED

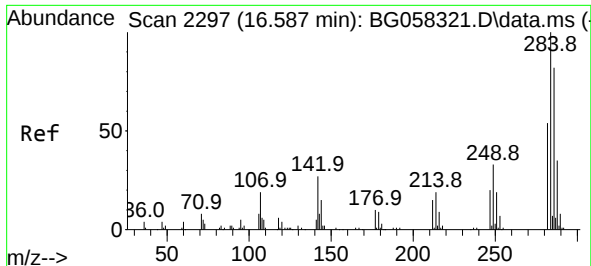
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#66
4,6-Dinitro-2-methylphenol
Concen: 49.390 ng/ul
RT: 15.667 min Scan# 2141
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

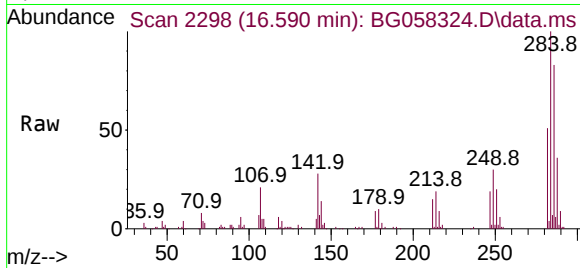
Tgt Ion:198 Resp: 83574
Ion Ratio Lower Upper
198 100
182 3.8 3.4 5.2
77 21.9 18.4 27.6





#69
Hexachlorobenzene
Concen: 22.647 ng/ul
RT: 16.590 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

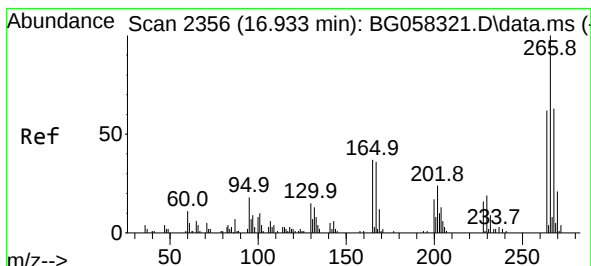
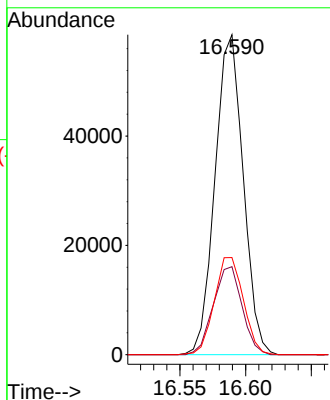
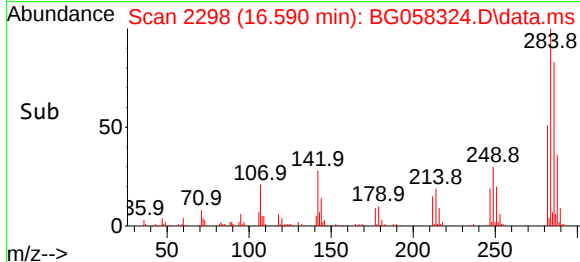
Instrument :
BNA_G
ClientSampleId :
A4665



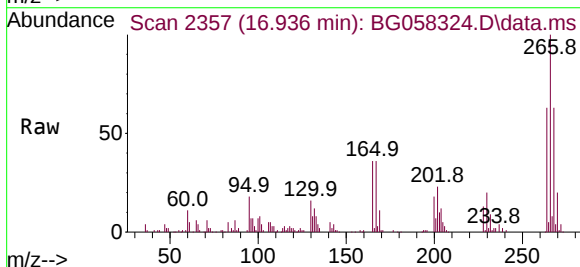
Tgt Ion:284 Resp: 87378
Ion Ratio Lower Upper
284 100
142 27.5 20.5 30.7
249 30.3 25.2 37.8

Manual Integrations
APPROVED

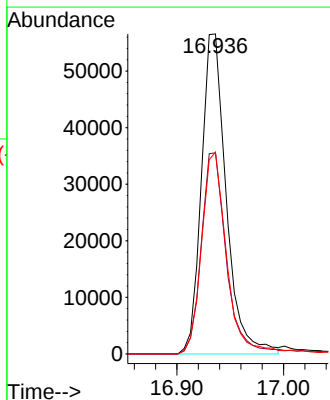
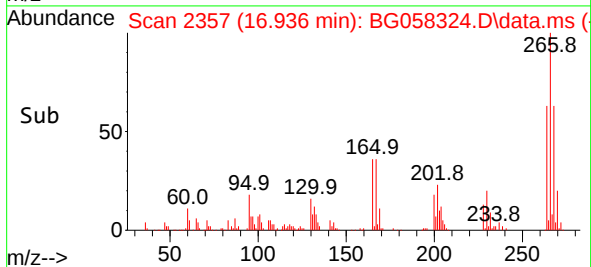
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

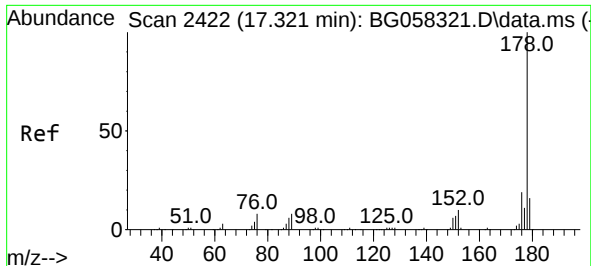


#71
Pentachlorophenol
Concen: 42.386 ng/ul
RT: 16.936 min Scan# 2357
Delta R.T. 0.007 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41



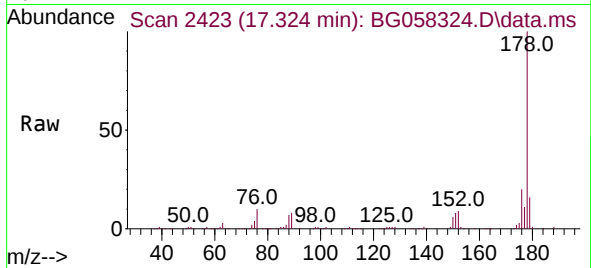
Tgt Ion:266 Resp: 91797
Ion Ratio Lower Upper
266 100
264 62.9 46.6 70.0
268 63.1 47.6 71.4





#72
Phenanthrene
Concen: 20.849 ng/ul
RT: 17.324 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

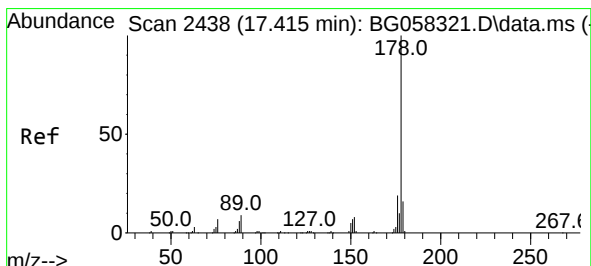
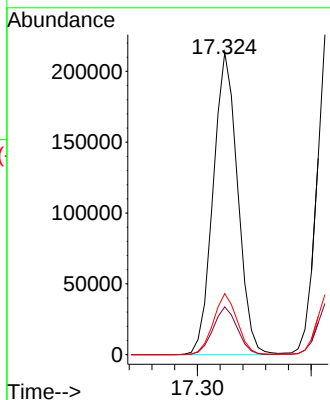
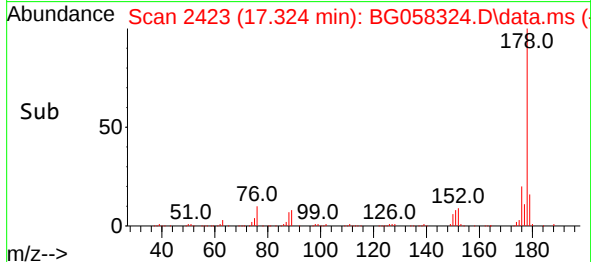
Instrument :
BNA_G
ClientSampleId :
A4665



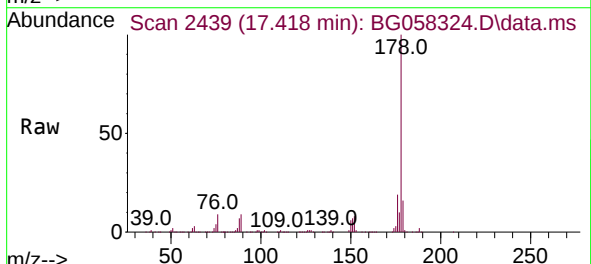
Tgt Ion:178 Resp: 31984
Ion Ratio Lower Upper
178 100
179 15.8 11.9 17.9
176 20.2 15.8 23.8

Manual Integrations
APPROVED

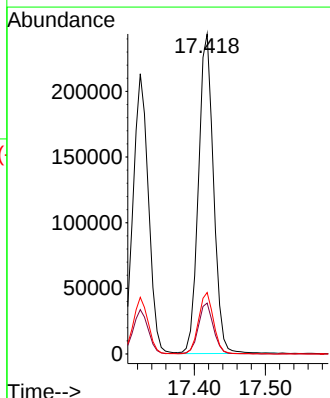
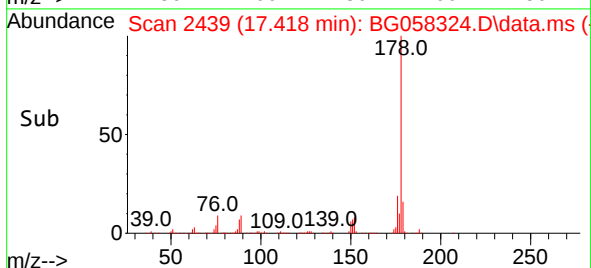
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

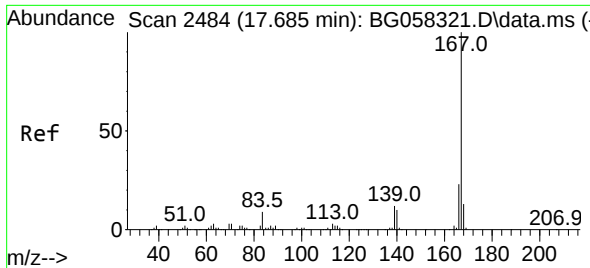


#74
Anthracene
Concen: 23.345 ng/ul
RT: 17.418 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41



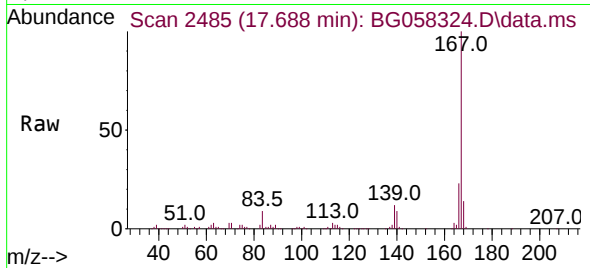
Tgt Ion:178 Resp: 359537
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 19.2 16.2 24.2





#77
 Carbazole
 Concen: 24.864 ng/ul
 RT: 17.688 min Scan# 2484
 Delta R.T. 0.007 min
 Lab File: BG058324.D
 Acq: 19 Jul 2023 10:41

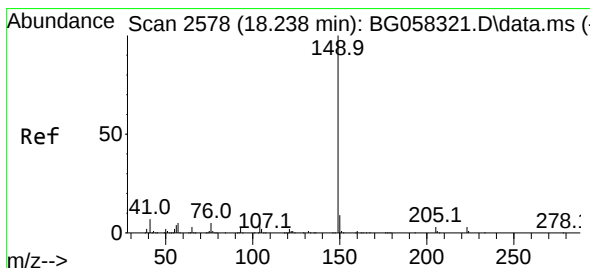
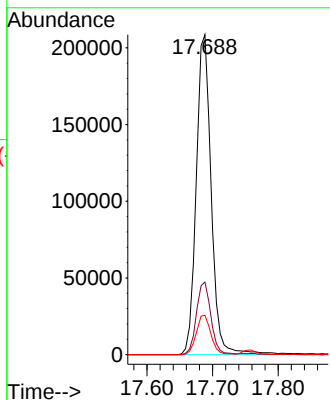
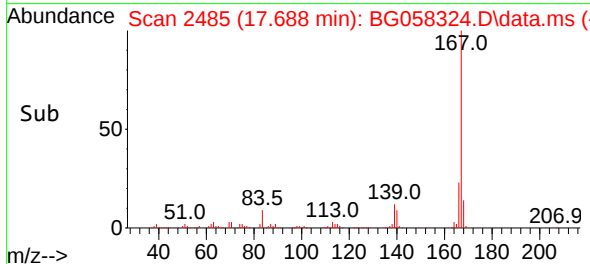
Instrument :
 BNA_G
 ClientSampleId :
 A4665



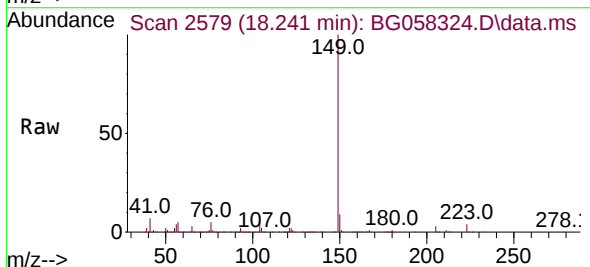
Tgt Ion:167 Resp: 33194
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.8
 139 12.3 9.4 14.0

Manual Integrations
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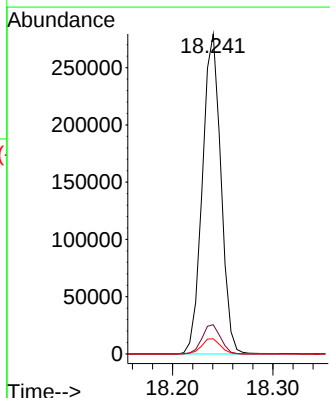
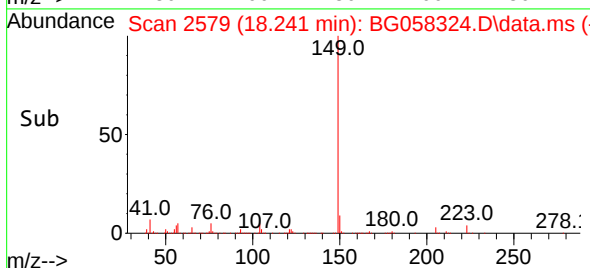
Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

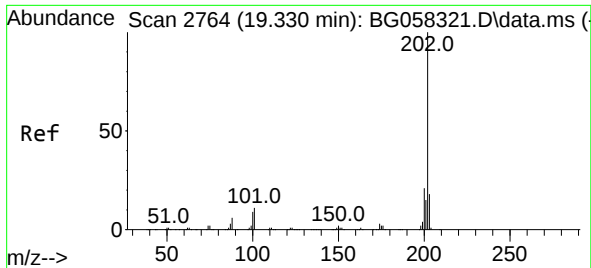


#78
 Di-n-butylphthalate
 Concen: 21.191 ng/ul
 RT: 18.241 min Scan# 2579
 Delta R.T. 0.001 min
 Lab File: BG058324.D
 Acq: 19 Jul 2023 10:41



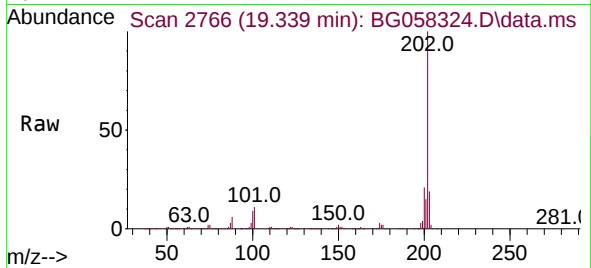
Tgt Ion:149 Resp: 359491
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.8 3.9 5.9





#80
Fluoranthene
Concen: 45.403 ng/u1
RT: 19.339 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

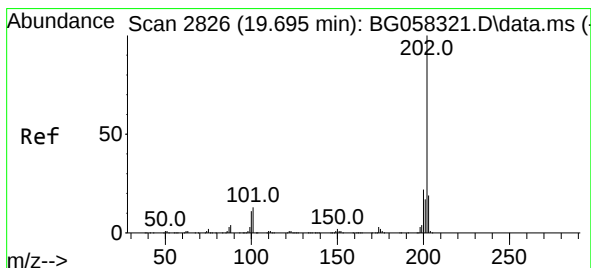
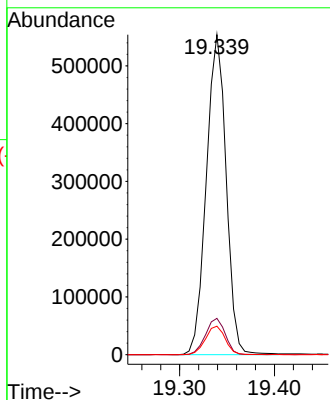
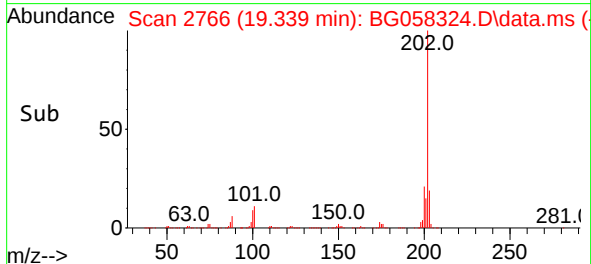
Instrument :
BNA_G
ClientSampleId :
A4665



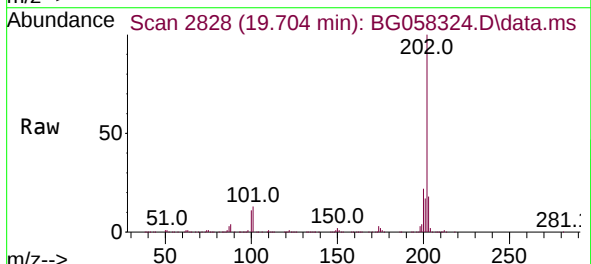
Tgt Ion:202 Resp: 80296
Ion Ratio Lower Upper
202 100
101 11.4 8.6 12.8
100 8.9 7.2 10.8

Manual Integrations
APPROVED

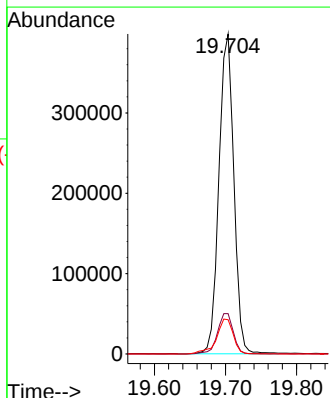
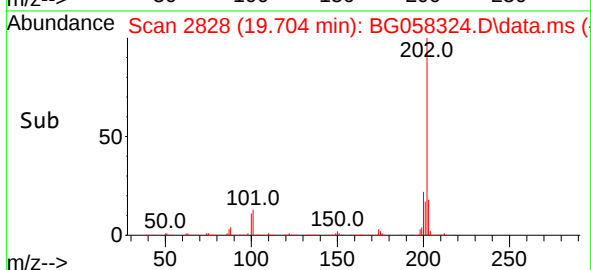
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

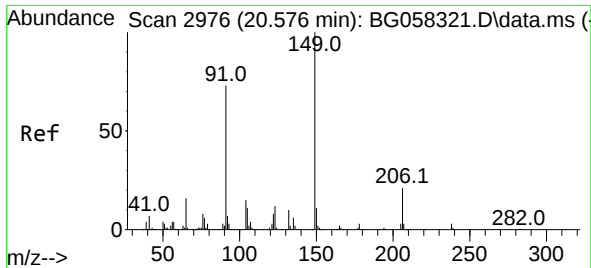


#82
Pyrene
Concen: 32.222 ng/u1
RT: 19.704 min Scan# 2828
Delta R.T. 0.007 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41



Tgt Ion:202 Resp: 577399
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.2
100 10.7 8.9 13.3





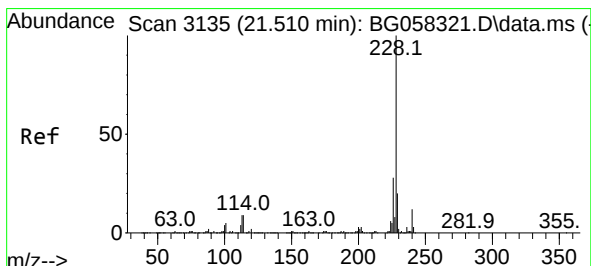
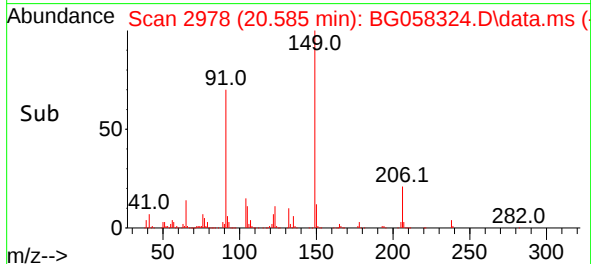
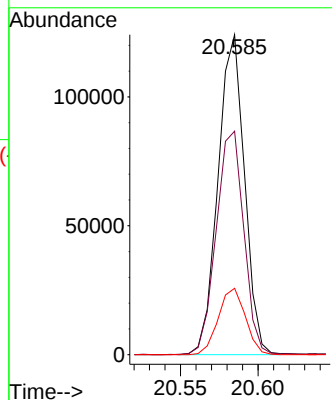
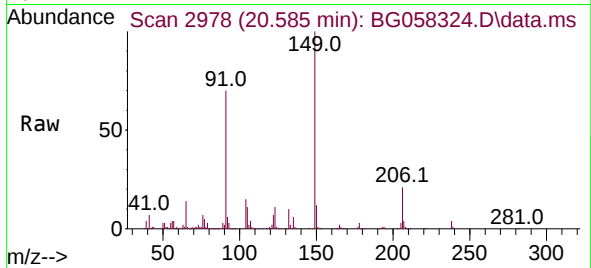
#83
Butylbenzylphthalate
Concen: 20.903 ng/ul
RT: 20.585 min Scan# 2976
Delta R.T. 0.007 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Instrument :
BNA_G
ClientSampleId :
A4665

Tgt Ion:149 Resp: 14749
Ion Ratio Lower Upper
149 100
91 69.8 59.9 89.9
206 20.7 16.9 25.3

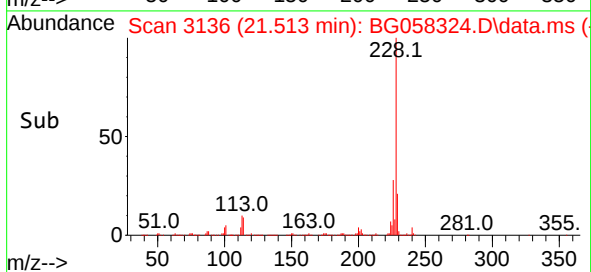
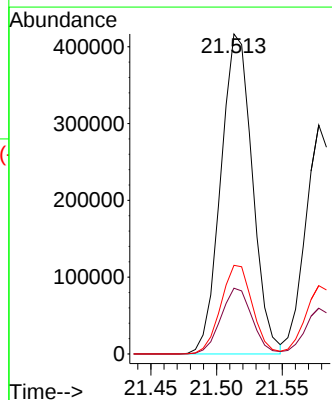
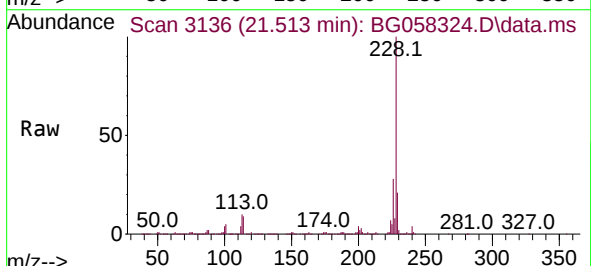
Manual Integrations
APPROVED

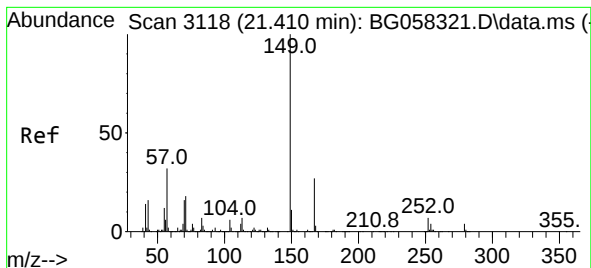
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#85
Benzo(a)anthracene
Concen: 39.737 ng/ul
RT: 21.513 min Scan# 3136
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

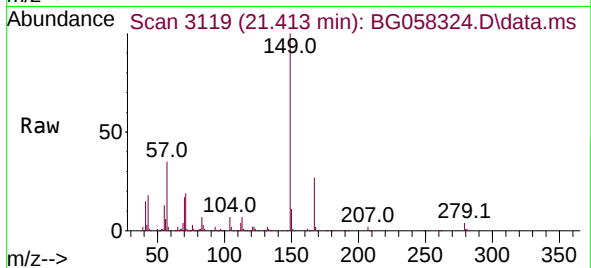
Tgt Ion:228 Resp: 698110
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.7 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 26.394 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

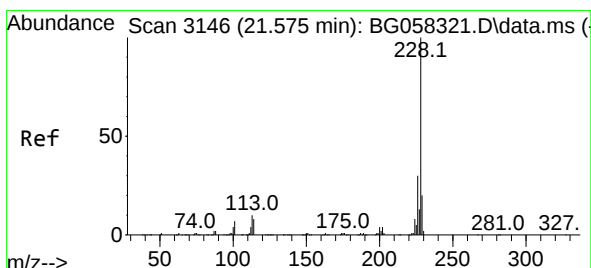
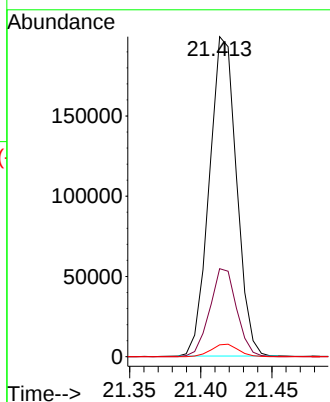
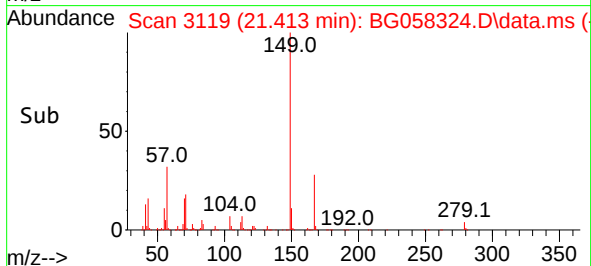
Instrument :
BNA_G
ClientSampleId :
A4665



Tgt Ion:149 Resp: 264899
Ion Ratio Lower Upper
149 100
167 27.5 21.6 32.4
279 3.7 3.0 4.4

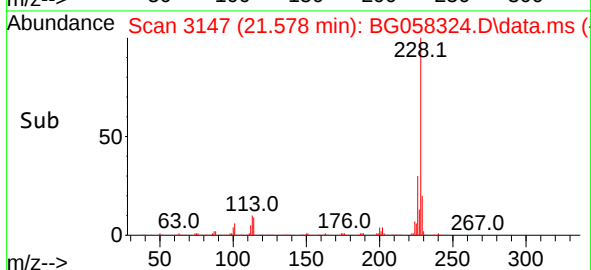
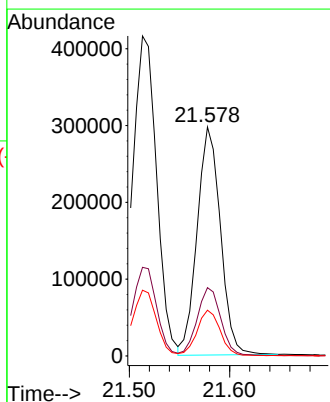
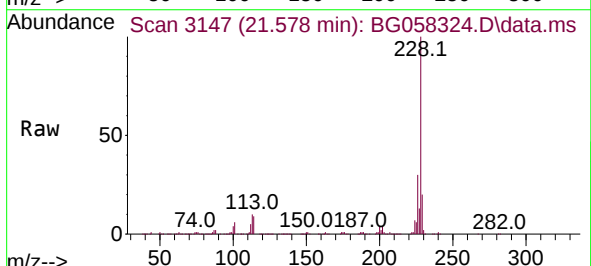
Manual Integrations
APPROVED

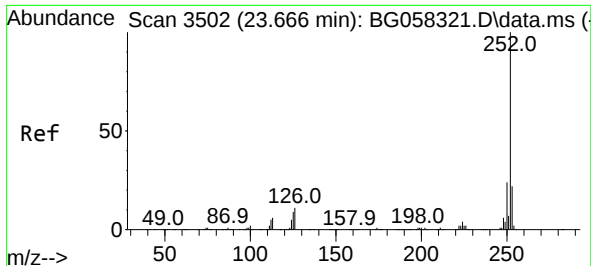
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#87
Chrysene
Concen: 28.819 ng/ul
RT: 21.578 min Scan# 3147
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

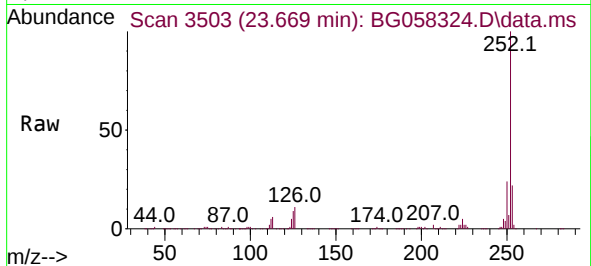
Tgt Ion:228 Resp: 480231
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 20.0 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 28.654 ng/u1
RT: 23.669 min Scan# 3503
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

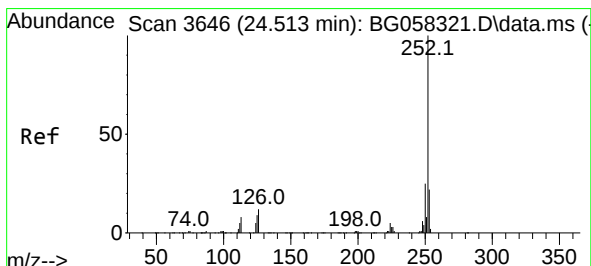
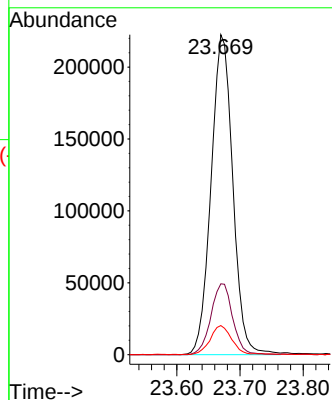
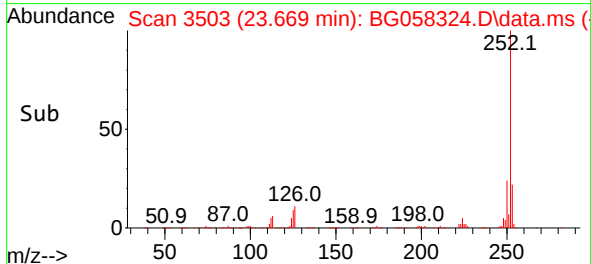
Instrument :
BNA_G
ClientSampleId :
A4665



Tgt Ion:252 Resp: 53128
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.1 6.7 10.1

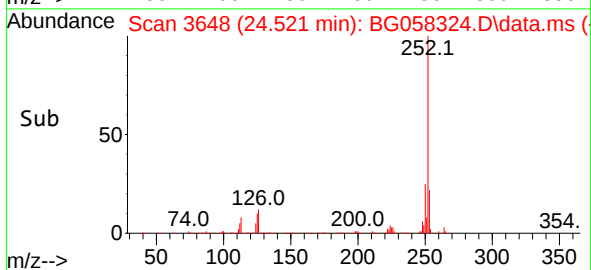
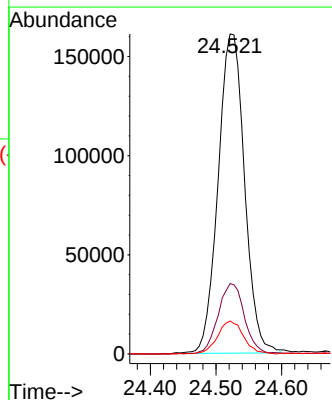
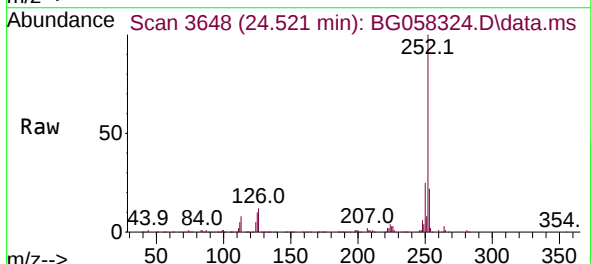
Manual Integrations
APPROVED

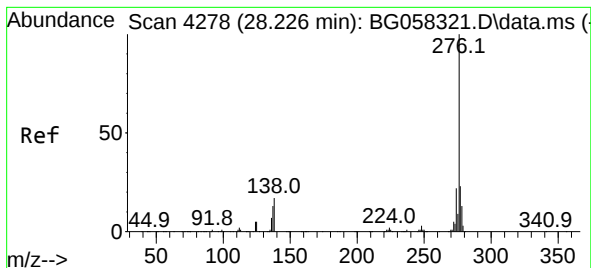
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



#93
Benzo(a)pyrene
Concen: 27.260 ng/u1
RT: 24.521 min Scan# 3648
Delta R.T. 0.001 min
Lab File: BG058324.D
Acq: 19 Jul 2023 10:41

Tgt Ion:252 Resp: 449539
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.3 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 29.838 ng/ul

RT: 28.246 min Scan# 41

Delta R.T. 0.019 min

Lab File: BG058324.D

Acq: 19 Jul 2023 10:41

Instrument :

BNA_G

ClientSampleId :

A4665

Tgt Ion:276 Resp: 648320

Ion Ratio Lower Upper

276 100

138 17.4 13.8 20.6

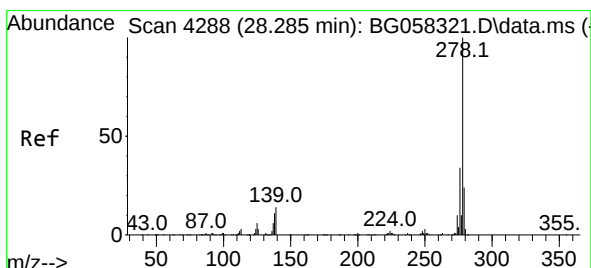
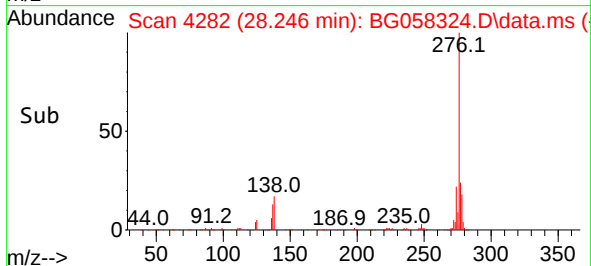
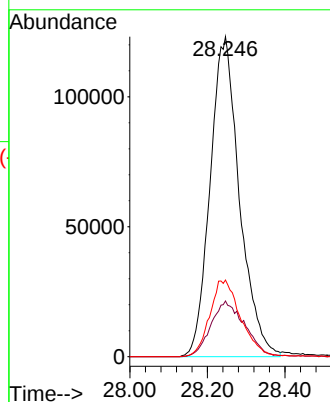
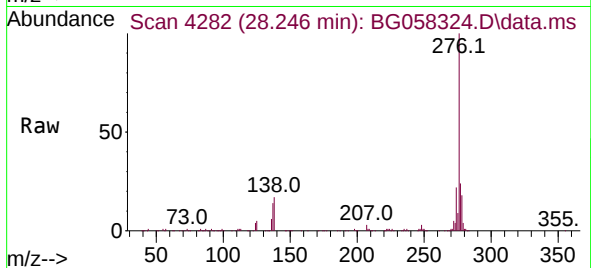
277 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2023

Supervised By :mohammad ahmed 07/20/2023



#95

Dibenzo(a,h)anthracene

Concen: 23.468 ng/ul

RT: 28.293 min Scan# 4290

Delta R.T. 0.001 min

Lab File: BG058324.D

Acq: 19 Jul 2023 10:41

Tgt Ion:278 Resp: 418130

Ion Ratio Lower Upper

278 100

139 13.6 10.4 15.6

279 24.2 18.4 27.6

