

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063674.D
 Acq On : 13 Dec 2024 12:15
 Operator : RC/JU
 Sample : P5153-19MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28Q4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 14 01:23:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	229830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.603	136	920543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	594216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.207	188	1144803	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.467	240	983686	20.000	ng/ul	# 0.00
88) Perylene-d12	24.528	264	691554m	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	22219	3.789	ng/uL	0.01
4) Pyridine-d5	3.705	84	331091	17.896	ng/ul	0.02
7) Phenol-d5	7.007	99	443053	20.931	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.148	67	296381	20.273	ng/ul	0.00
11) 2-Chlorophenol-d4	7.360	132	318814	23.265	ng/ul	0.01
15) 4-Methylphenol-d8	8.541	113	272212	16.564	ng/ul	0.01
21) Nitrobenzene-d5	8.970	128	138888	21.131	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	52388	7.111	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	342714	24.025	ng/ul	0.01
31) 4-Chloroaniline-d4	10.750	131	73219	4.043	ng/ul	0.00
46) Dimethylphthalate-d6	13.858	166	967370	23.925	ng/ul	0.00
49) Acenaphthylene-d8	14.146	160	846072	18.356	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	49851	8.702	ng/ul	0.02
60) Fluorene-d10	15.450	176	800182	22.383	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	3395m	0.571	ng/ul	0.02
73) Anthracene-d10	17.307	188	1088424m	22.114	ng/ul	0.00
81) Pyrene-d10	19.610	212	1196505	23.374	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	722467m	22.246	ng/ul	0.04
Target Compounds						
2) 1,4-Dioxane	3.317	88	60075	8.655	ng/uL#	72
5) Pyridine	3.723	79	486044	24.527	ng/ul	96
6) Benzaldehyde	6.960	77	114138	8.791	ng/ul#	85
8) Phenol	7.037	94	700115	31.035	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.242	93	489681	28.371	ng/ul	96
12) 2-Chlorophenol	7.389	128	447043	32.228	ng/ul	98
13) 2-Methylphenol	8.276	108	490439	30.080	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.329	45	756380	29.519	ng/ul	98
16) Acetophenone	8.635	105	813721	29.192	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.617	70	444489	26.725	ng/ul	95
18) 4-Methylphenol	8.605	108	533078	29.873	ng/ul	99
19) Hexachloroethane	8.887	117	163470	23.984	ng/ul	94
22) Nitrobenzene	9.011	77	566738	25.821	ng/ul	95
23) Isophorone	9.534	82	1197139	28.867	ng/ul	99
25) 2-Nitrophenol	9.722	139	69959	9.239	ng/ul	86
26) 2,4-Dimethylphenol	9.798	107	472650	27.509	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.015	93	680157	30.323	ng/ul#	94
29) 2,4-Dichlorophenol	10.268	162	461366	32.551	ng/ul	95
30) Naphthalene	10.656	128	1569867	34.110	ng/ul	98
32) 4-Chloroaniline	10.773	127	178912	10.382	ng/ul	93
33) Hexachlorobutadiene	10.938	225	355344	30.859	ng/ul	98
34) Caprolactam	11.561	113	135115m	27.577	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	550069m	33.056	ng/ul	
36) 2-Methylnaphthalene	12.266	142	1136771	34.366	ng/ul	98

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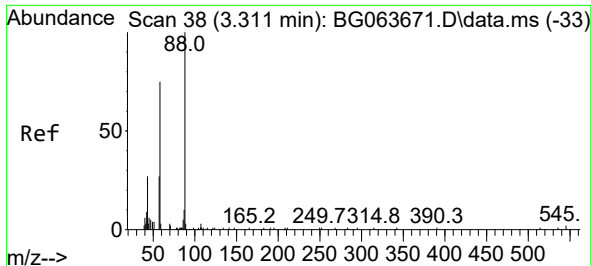
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 Quant Title : SVOA CALIBRATION
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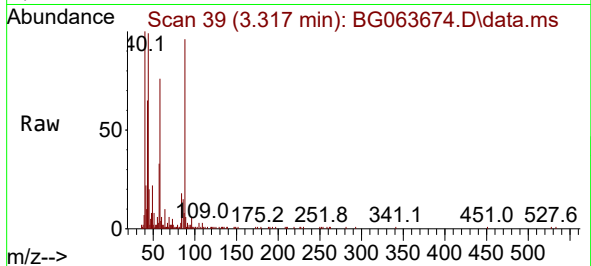
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.489	142	1052244	31.230	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.642	216	613340	32.243	ng/ul	97
40) Hexachlorocyclopentadiene	12.618	237	33899	4.508	ng/ul	96
41) 2,4,6-Trichlorophenol	12.894	196	380930	35.431	ng/ul	96
42) 2,4,5-Trichlorophenol	12.977	196	380303	33.894	ng/ul	96
43) 1,1'-Biphenyl	13.282	154	1404312	35.836	ng/ul	97
44) 2-Chloronaphthalene	13.323	162	1103397	35.064	ng/ul	99
45) 2-Nitroaniline	13.535	65	188474	17.881	ng/ul	94
47) Dimethylphthalate	13.911	163	1258788	31.063	ng/ul	97
48) 2,6-Dinitrotoluene	14.028	165	70832	9.412	ng/ul	91
50) Acenaphthylene	14.175	152	1243859	25.168	ng/ul	96
51) 3-Nitroaniline	14.369	138	72353	10.398	ng/ul#	87
52) Acenaphthene	14.516	153	1147044	32.745	ng/ul	96
55) 4-Nitrophenol	14.716	109	97616	16.409	ng/ul#	78
56) Dibenzofuran	14.857	168	1614055	32.682	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	62204	5.562	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.098	232	280243	28.975	ng/ul#	97
59) Diethylphthalate	15.274	149	1222242	31.200	ng/ul	98
61) Fluorene	15.509	166	1242210	31.500	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.497	204	657745	29.939	ng/ul	99
63) 4-Nitroaniline	15.527	138	113350m	16.272	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.597	198	3412	0.557	ng/ul#	1
67) N-Nitrosodiphenylamine	15.715	169	1051485	37.930	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	419480	35.954	ng/ul	99
69) Hexachlorobenzene	16.520	284	454690	34.784	ng/ul	98
70) Atrazine	16.678	200	400631	34.188	ng/ul	96
71) Pentachlorophenol	16.878	266	122105	22.155	ng/ul	97
72) Phenanthrene	17.248	178	2138218	38.759	ng/ul	99
74) Anthracene	17.342	178	1793884	32.127	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.253	216	615092	40.270	ng/ul	95
76) Pentachlorobenzene	14.780	250	562040	37.143	ng/ul	99
77) Carbazole	17.618	167	1690408	37.400	ng/ul	99
78) Di-n-butylphthalate	18.171	149	1977909	36.235	ng/ul	97
80) Fluoranthene	19.275	202	2214751	38.067	ng/ul	99
82) Pyrene	19.639	202	2285612	36.924	ng/ul	97
83) Butylbenzylphthalate	20.532	149	792606	41.713	ng/ul	88
85) Benzo(a)anthracene	21.449	228	2068702	33.556	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.361	149	1164805	42.141	ng/ul#	98
87) Chrysene	21.514	228	2151533	36.618	ng/ul#	95
89) Di-n-octyl phthalate	22.507	149	1970135m	66.004	ng/ul	
90) Benzo(b)fluoranthene	23.558	252	1627020	41.395	ng/ul#	93
91) Benzo(k)fluoranthene	23.623	252	2255162m	57.520	ng/ul	
93) Benzo(a)pyrene	24.381	252	1433147m	38.846	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.971	276	1482285m	32.900	ng/ul	
95) Dibenzo(a,h)anthracene	28.006	278	1163107m	32.263	ng/ul	
96) Benzo(g,h,i)perylene	29.034	276	997473m	27.900	ng/ul	

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



#2
1,4-Dioxane
Concen: 8.655 ng/uL
RT: 3.317 min Scan# 38
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

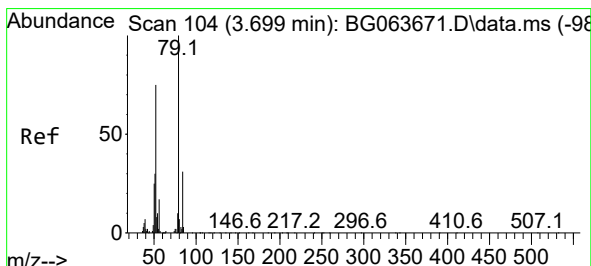
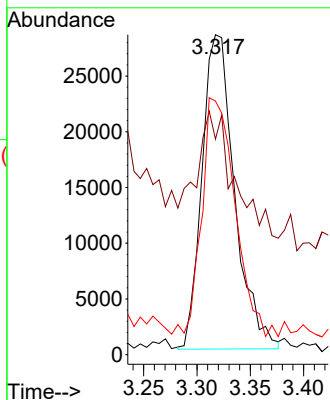
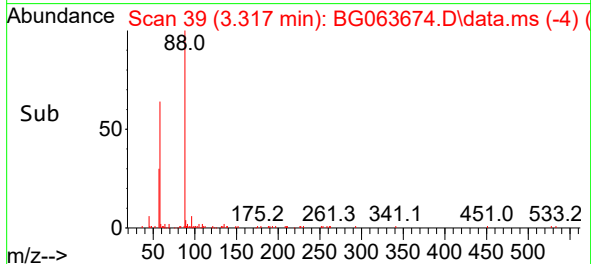
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



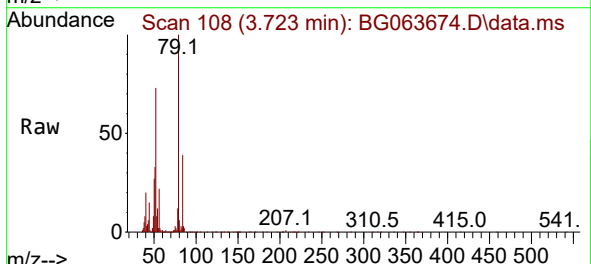
Tgt Ion: 88 Resp: 60075
Ion Ratio Lower Upper
88 100
43 67.3 20.9 31.3
58 79.2 57.7 86.5

Manual Integrations
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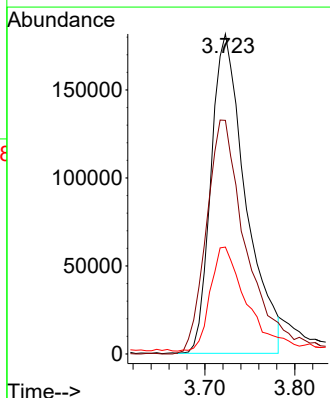
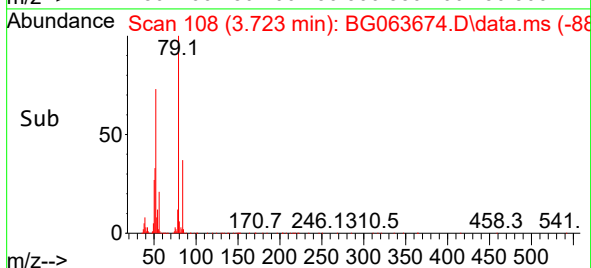
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

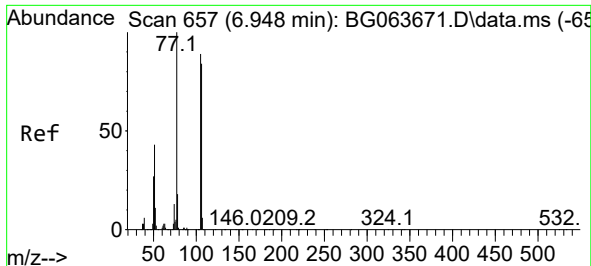


#5
Pyridine
Concen: 24.527 ng/uL
RT: 3.723 min Scan# 108
Delta R.T. 0.018 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15



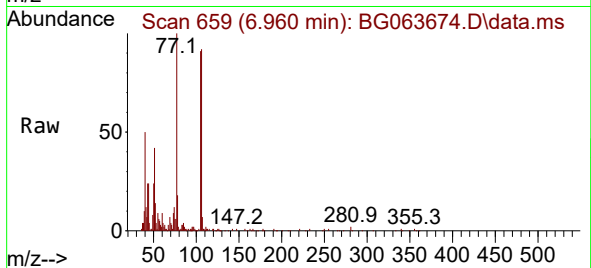
Tgt Ion: 79 Resp: 486044
Ion Ratio Lower Upper
79 100
52 73.0 60.9 91.3
51 33.4 29.5 44.3





#6
Benzaldehyde
Concen: 8.791 ng/ul
RT: 6.960 min Scan# 611
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

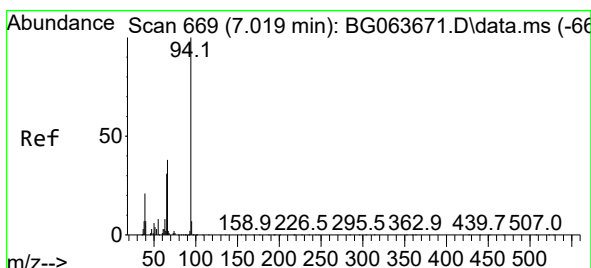
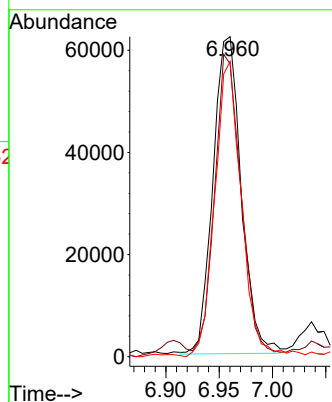
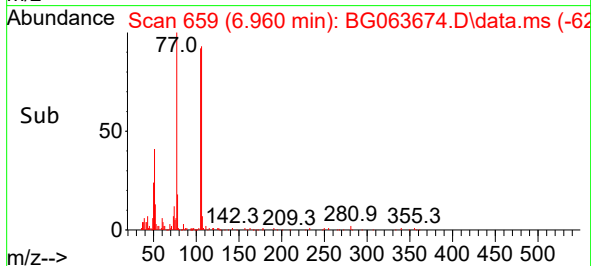
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



Tgt Ion: 77 Resp: 114138
Ion Ratio Lower Upper
77 100
105 91.4 65.2 97.8
106 92.2 61.0 91.4

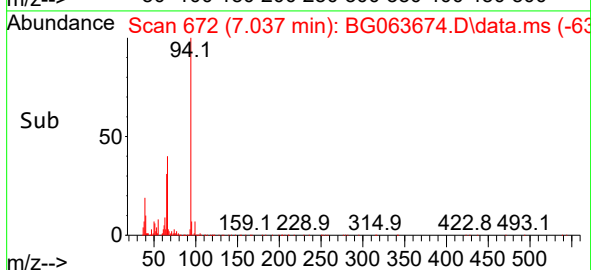
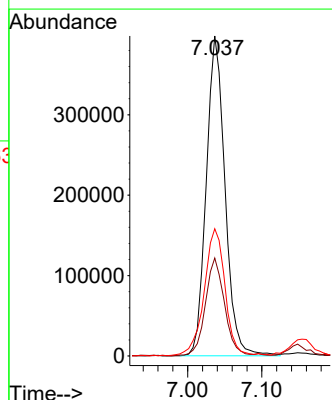
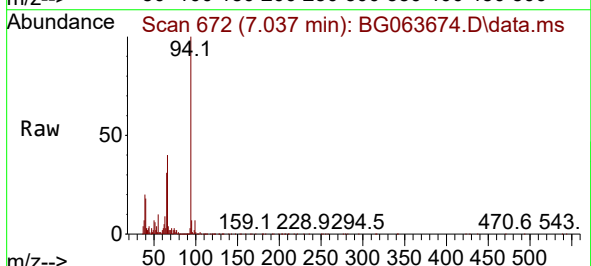
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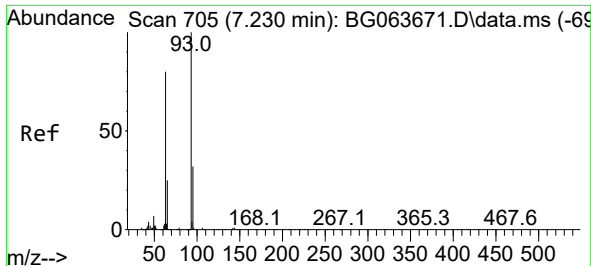
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#8
Phenol
Concen: 31.035 ng/ul
RT: 7.037 min Scan# 672
Delta R.T. 0.018 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

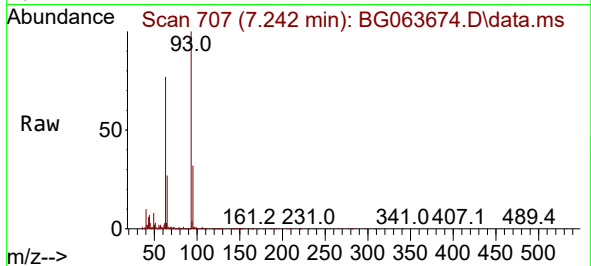
Tgt Ion: 94 Resp: 700115
Ion Ratio Lower Upper
94 100
65 30.6 25.6 38.4
66 39.7 34.2 51.2





#10
Bis(2-Chloroethyl)ether
Concen: 28.371 ng/ul
RT: 7.242 min Scan# 705
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

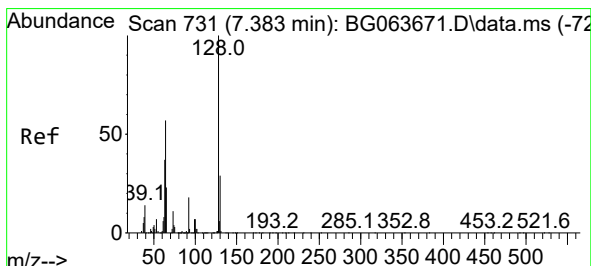
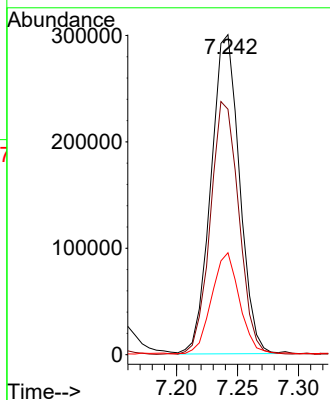
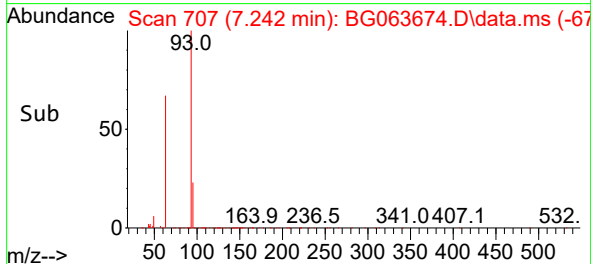
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



Tgt Ion: 93 Resp: 48968
Ion Ratio Lower Upper
93 100
63 76.7 63.8 95.6
95 31.9 27.6 41.4

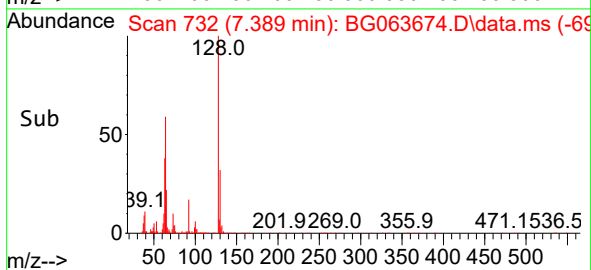
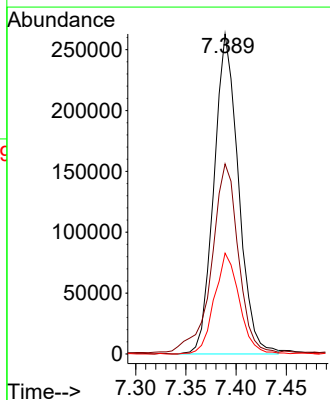
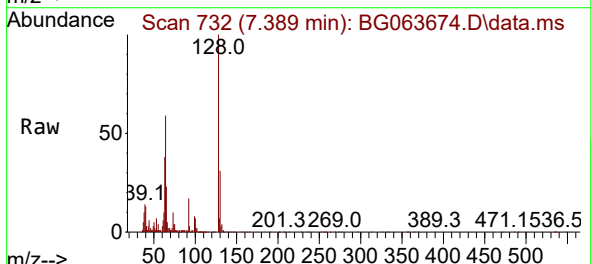
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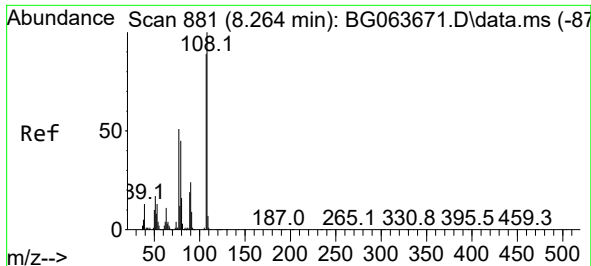
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#12
2-Chlorophenol
Concen: 32.228 ng/ul
RT: 7.389 min Scan# 732
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

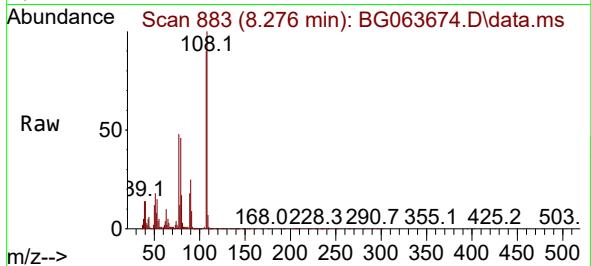
Tgt Ion:128 Resp: 447043
Ion Ratio Lower Upper
128 100
64 59.4 48.9 73.3
130 31.5 24.2 36.2





#13
2-Methylphenol
Concen: 30.080 ng/ul
RT: 8.276 min Scan# 881
Delta R.T. 0.012 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

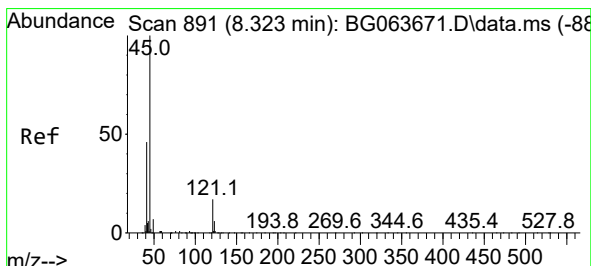
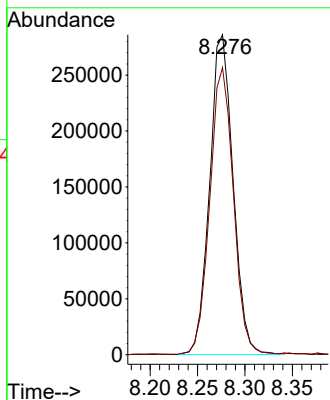
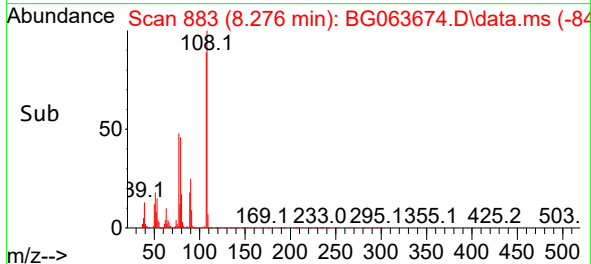
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Tgt Ion:108 Resp: 490439
Ion Ratio Lower Upper
108 100
107 89.7 72.6 108.8

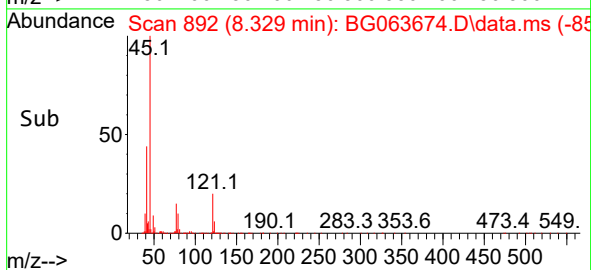
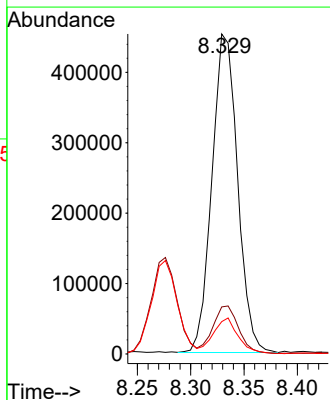
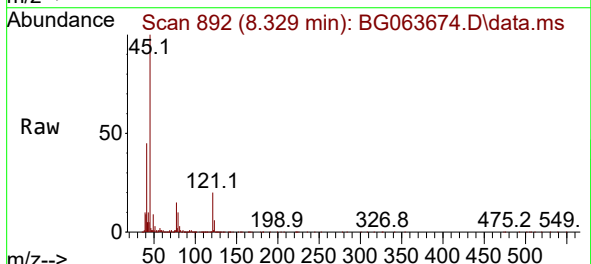
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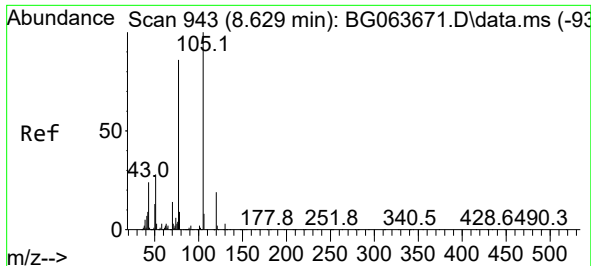
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.519 ng/ul
RT: 8.329 min Scan# 892
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Tgt Ion: 45 Resp: 756380
Ion Ratio Lower Upper
45 100
77 14.7 11.5 17.3
79 10.1 9.2 13.8





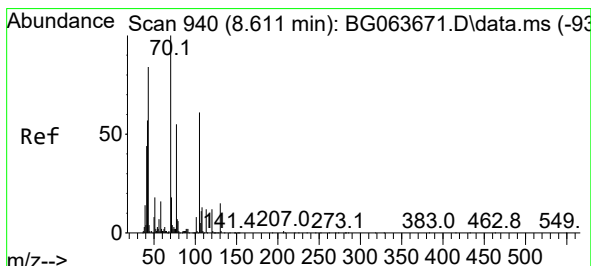
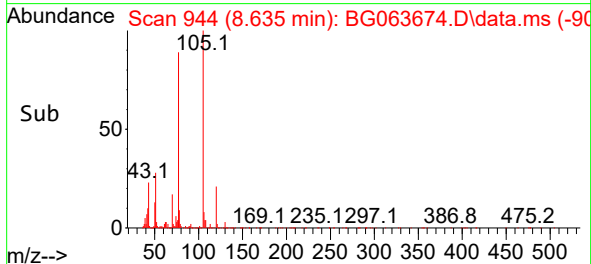
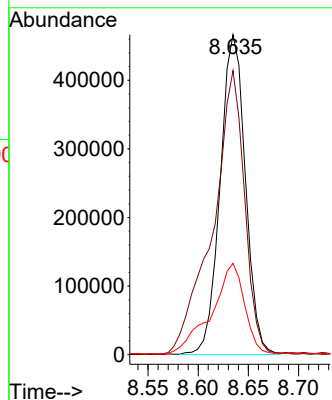
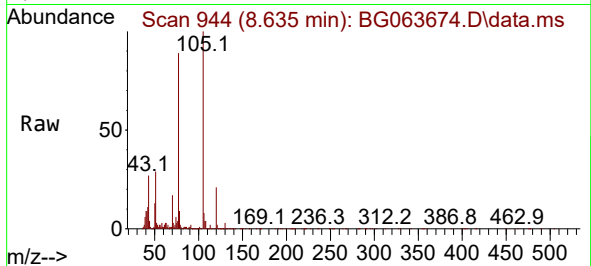
#16
Acetophenone
Concen: 29.192 ng/ul
RT: 8.635 min Scan# 943
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Instrument :
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Tgt Ion:105 Resp: 81372
Ion Ratio Lower Upper
105 100
77 88.8 73.6 110.4
51 28.6 25.4 38.2

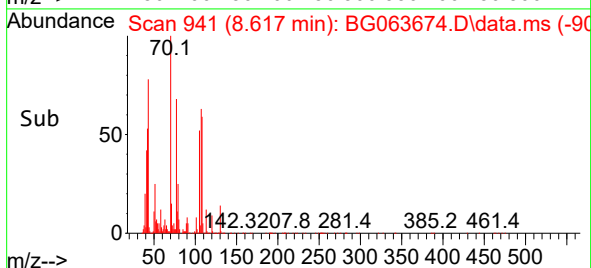
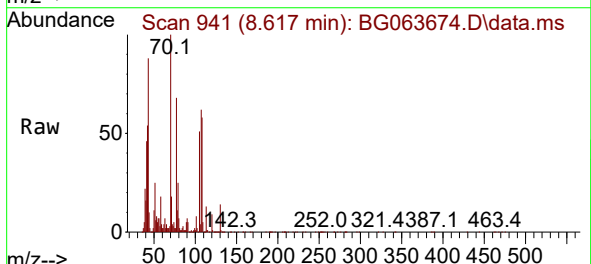
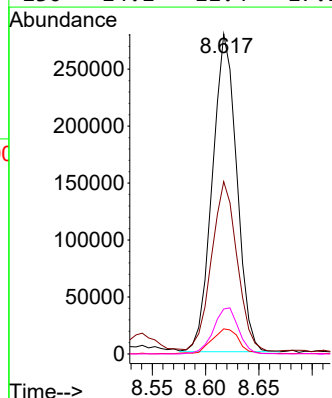
Manual Integrations
APPROVED

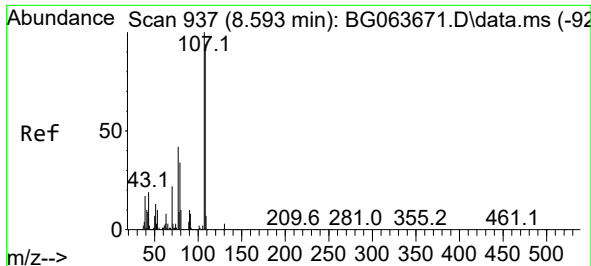
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#17
N-Nitroso-di-n-propylamine
Concen: 26.725 ng/ul
RT: 8.617 min Scan# 941
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Tgt Ion: 70 Resp: 444489
Ion Ratio Lower Upper
70 100
42 53.9 47.4 71.0
101 7.9 6.1 9.1
130 14.1 11.4 17.2





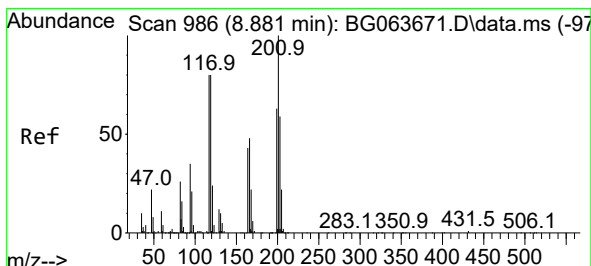
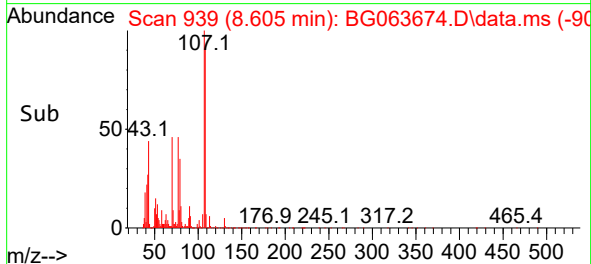
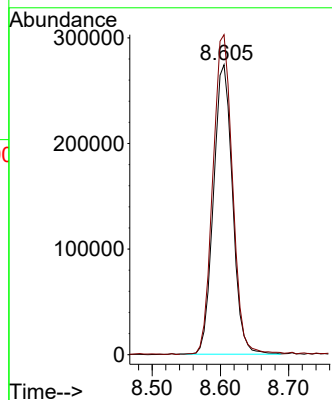
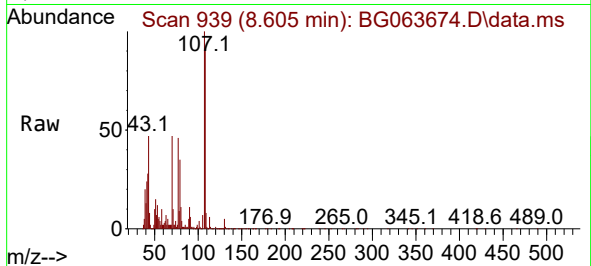
#18
4-Methylphenol
Concen: 29.873 ng/ul
RT: 8.605 min Scan# 91
Delta R.T. 0.018 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Instrument :
BNA_G
ClientSampleId :
E28Q4MSD

Tgt Ion:108 Resp: 533078
Ion Ratio Lower Upper
108 100
107 110.4 89.2 133.8

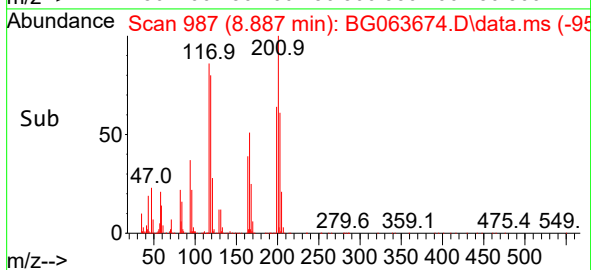
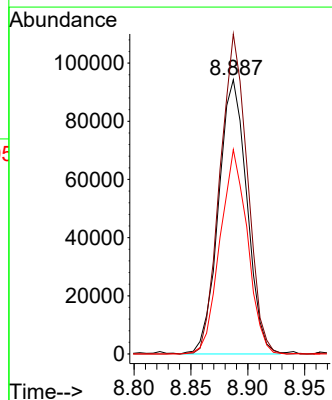
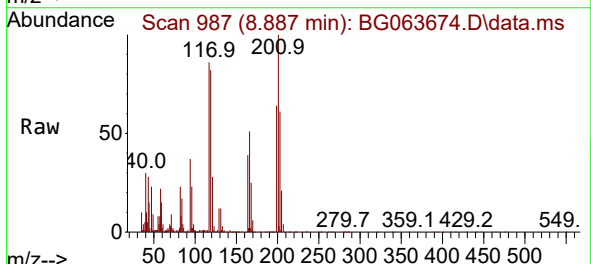
Manual Integrations
APPROVED

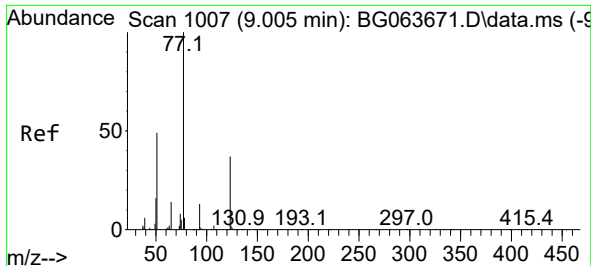
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#19
Hexachloroethane
Concen: 23.984 ng/ul
RT: 8.887 min Scan# 987
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

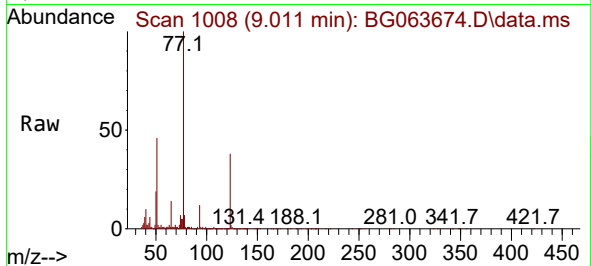
Tgt Ion:117 Resp: 163470
Ion Ratio Lower Upper
117 100
201 119.7 86.8 130.2
199 74.5 59.4 89.2





#22
Nitrobenzene
Concen: 25.821 ng/ul
RT: 9.011 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

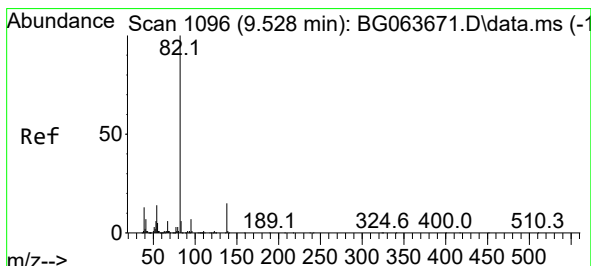
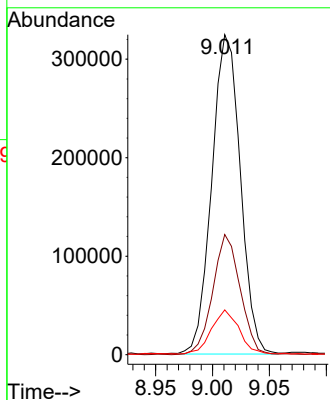
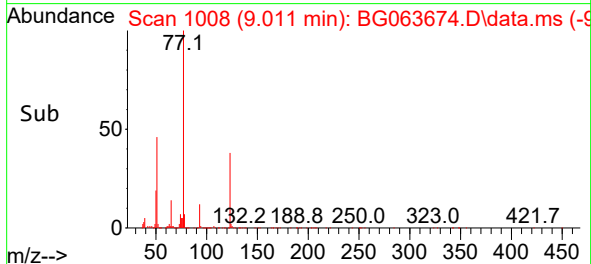
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



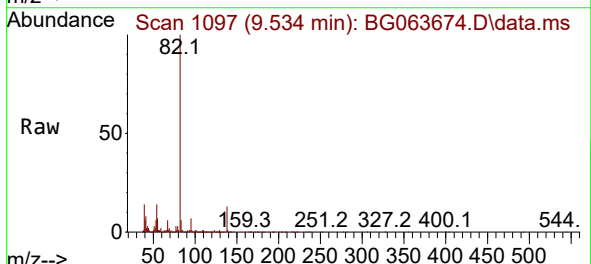
Tgt Ion: 77 Resp: 566738
Ion Ratio Lower Upper
77 100
123 37.6 27.0 40.4
65 14.0 10.8 16.2

Manual Integrations
APPROVED

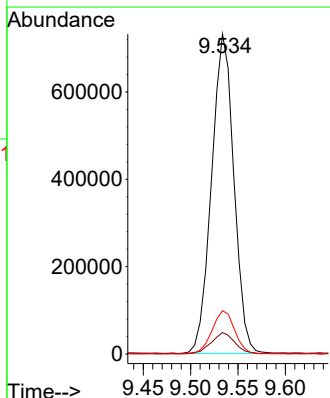
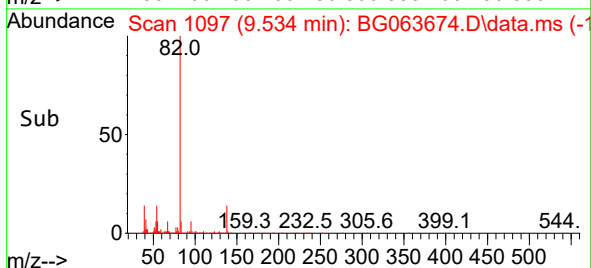
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

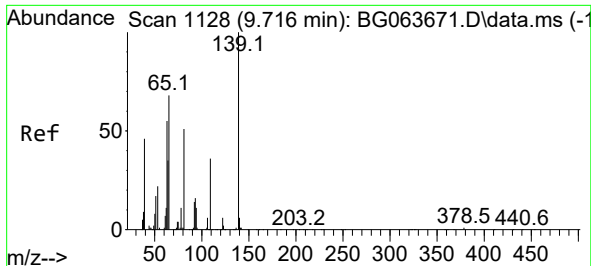


#23
Isophorone
Concen: 28.867 ng/ul
RT: 9.534 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15



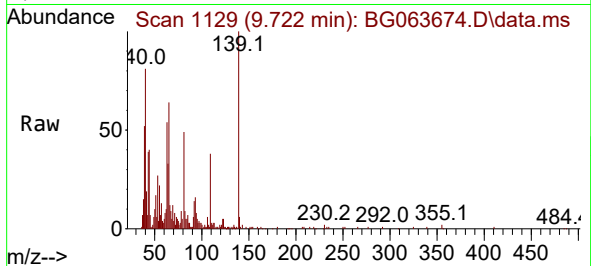
Tgt Ion: 82 Resp: 1197139
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.6
138 13.5 10.3 15.5





#25
2-Nitrophenol
Concen: 9.239 ng/ul
RT: 9.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

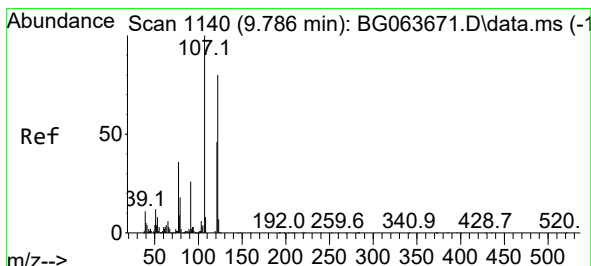
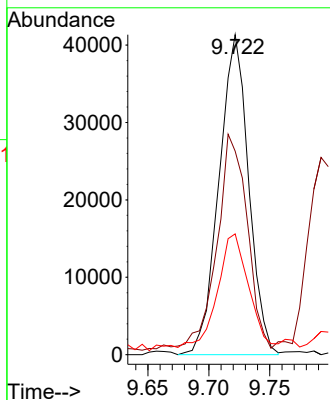
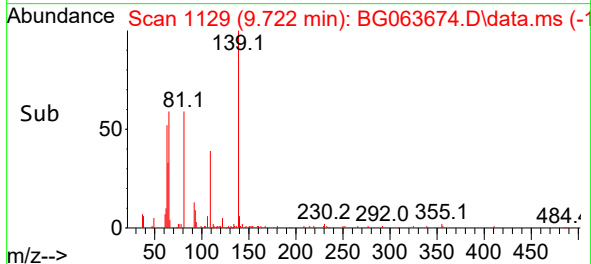
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



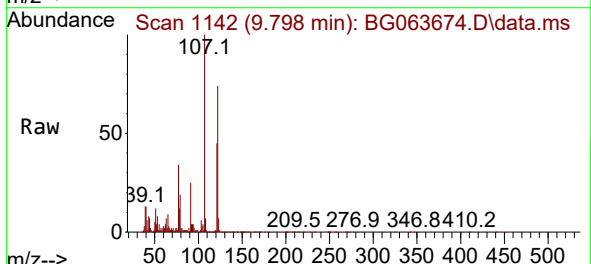
Tgt Ion:139 Resp: 69958
Ion Ratio Lower Upper
139 100
65 63.6 62.2 93.2
109 37.8 26.9 40.3

Manual Integrations
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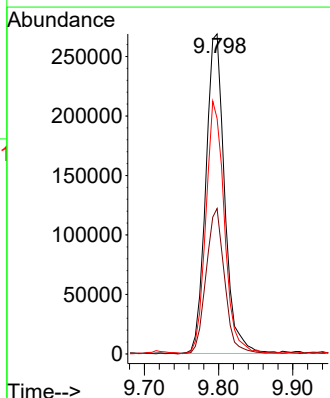
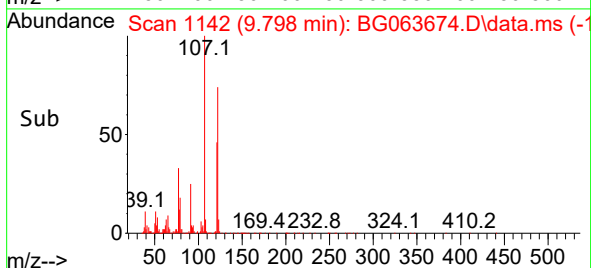
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

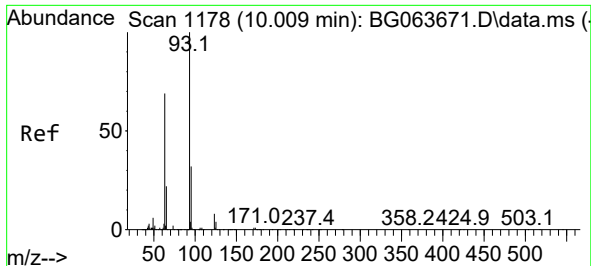


#26
2,4-Dimethylphenol
Concen: 27.509 ng/ul
RT: 9.798 min Scan# 1142
Delta R.T. 0.012 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15



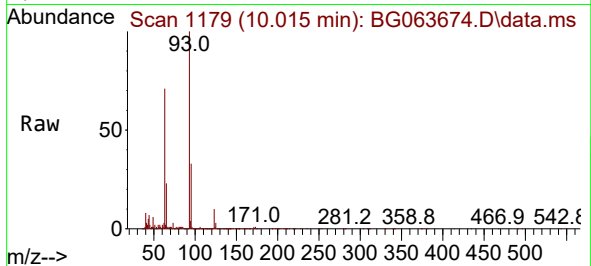
Tgt Ion:107 Resp: 472650
Ion Ratio Lower Upper
107 100
121 45.5 38.4 57.6
122 73.6 61.8 92.8





#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.323 ng/ul
 RT: 10.015 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: BG063674.D
 Acq: 13 Dec 2024 12:15

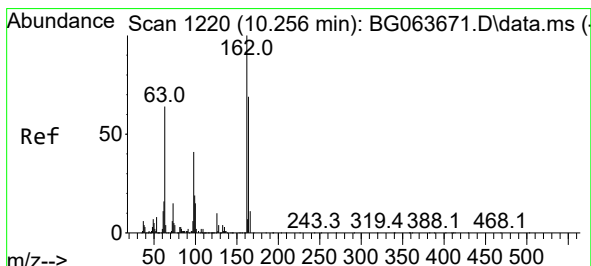
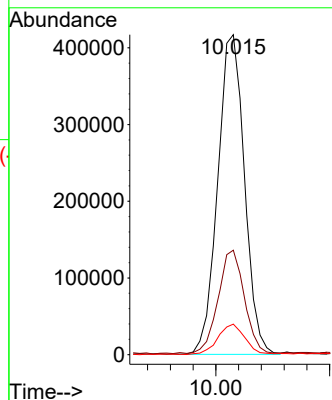
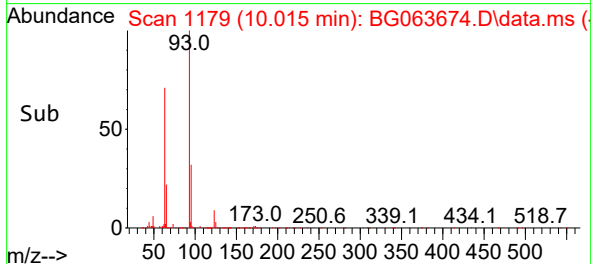
Instrument :
 BNA_G
 ClientSampleId :
 E28Q4MSD



Tgt Ion: 93 Resp: 68015
 Ion Ratio Lower Upper
 93 100
 95 32.6 23.5 35.3
 123 9.5 6.2 9.4

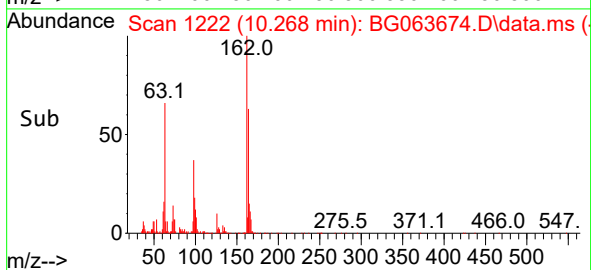
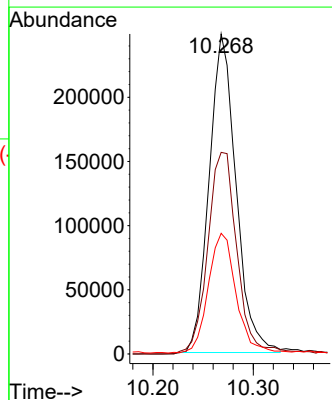
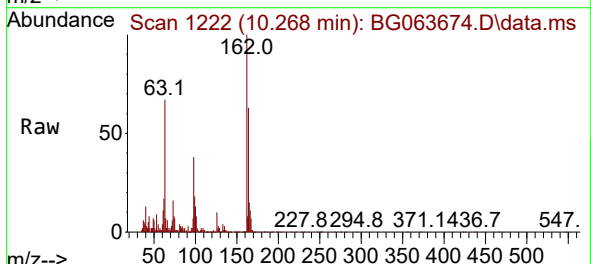
Manual Integrations
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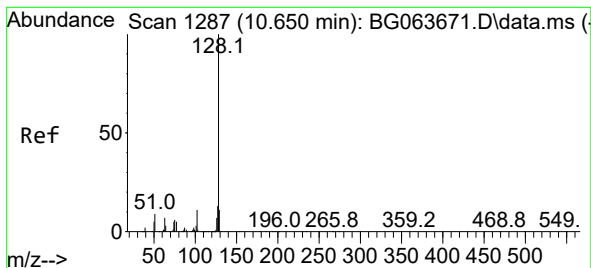
Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



#29
 2,4-Dichlorophenol
 Concen: 32.551 ng/ul
 RT: 10.268 min Scan# 1222
 Delta R.T. 0.012 min
 Lab File: BG063674.D
 Acq: 13 Dec 2024 12:15

Tgt Ion:162 Resp: 461366
 Ion Ratio Lower Upper
 162 100
 164 63.0 53.0 79.4
 98 37.7 33.0 49.6





#30

Naphthalene

Concen: 34.110 ng/ul

RT: 10.656 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:128 Resp: 156986

Ion Ratio Lower Upper

128 100

129 11.1 8.2 12.2

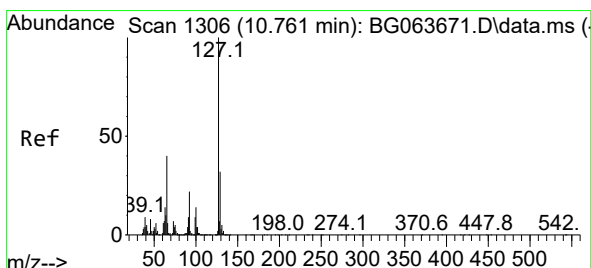
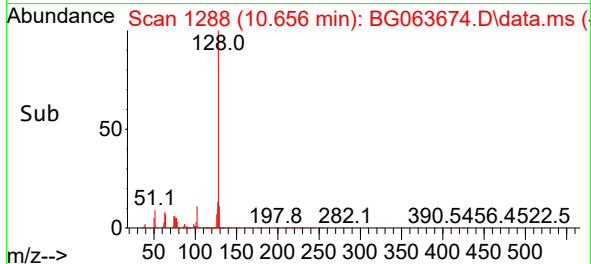
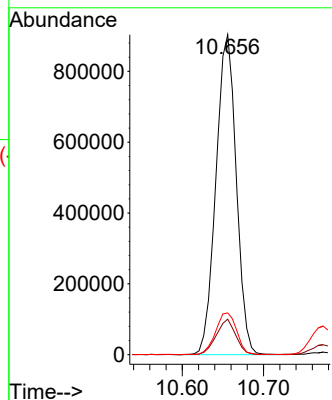
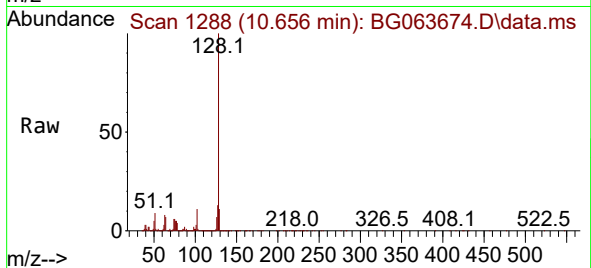
127 13.1 9.8 14.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#32

4-Chloroaniline

Concen: 10.382 ng/ul

RT: 10.773 min Scan# 1308

Delta R.T. 0.012 min

Lab File: BG063674.D

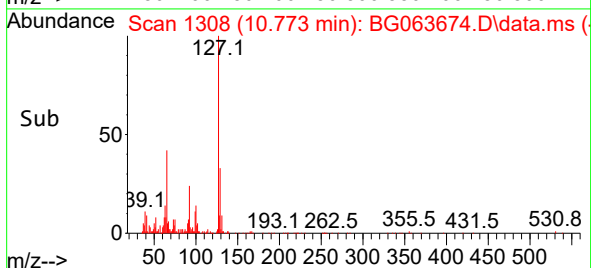
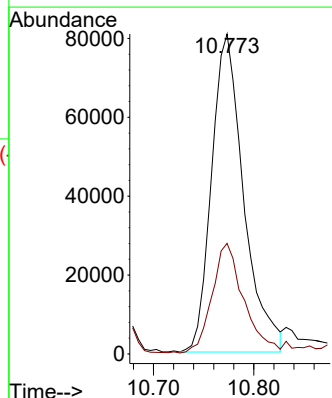
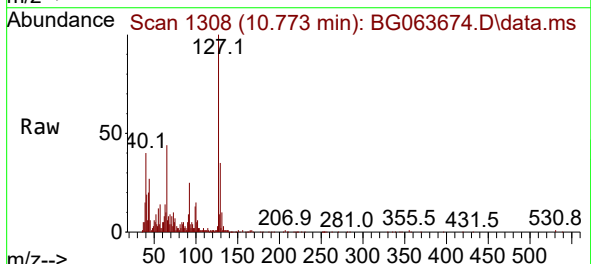
Acq: 13 Dec 2024 12:15

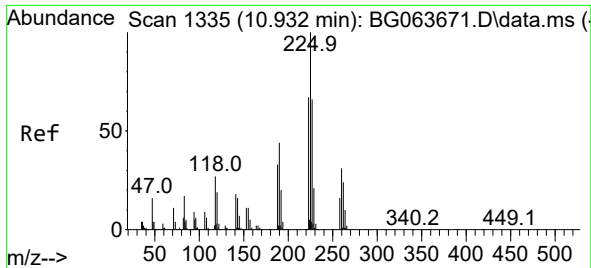
Tgt Ion:127 Resp: 178912

Ion Ratio Lower Upper

127 100

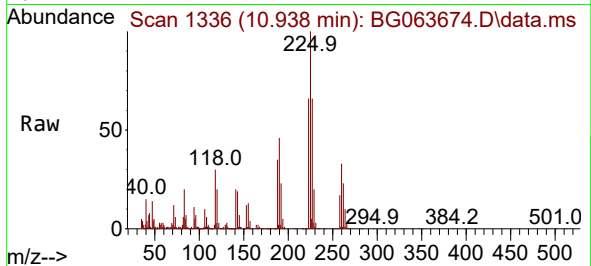
129 34.5 24.5 36.7





#33
Hexachlorobutadiene
Concen: 30.859 ng/ul
RT: 10.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

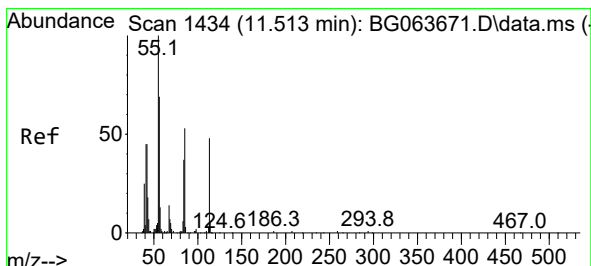
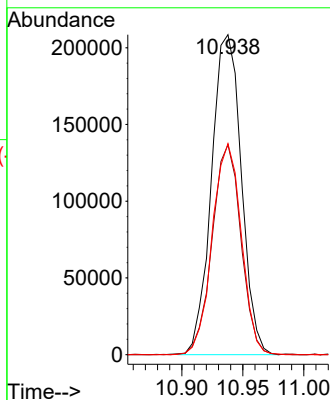
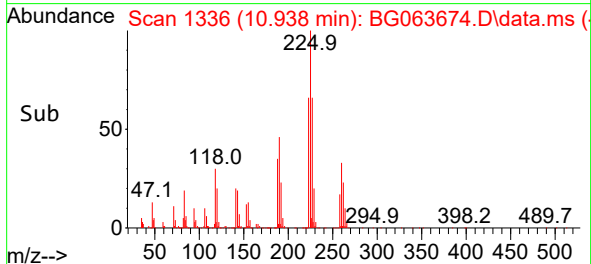
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



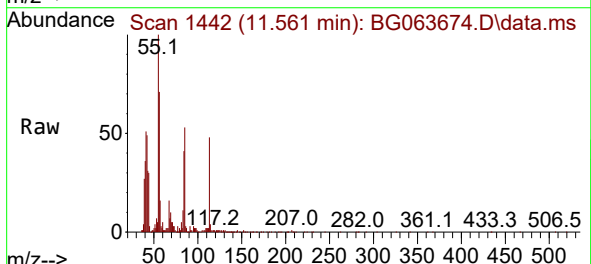
Tgt Ion:225 Resp: 355344
Ion Ratio Lower Upper
225 100
223 65.6 51.2 76.8
227 66.0 51.1 76.7

Manual Integrations
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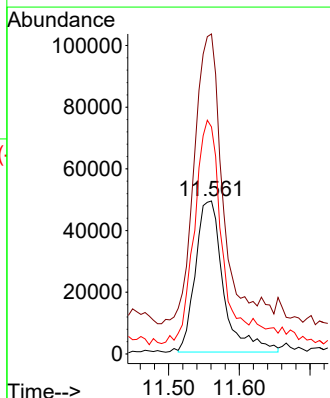
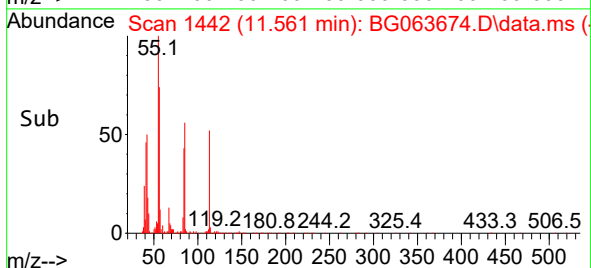
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

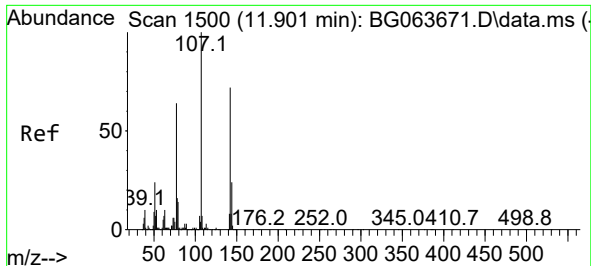


#34
Caprolactam
Concen: 27.577 ng/ul m
RT: 11.561 min Scan# 1442
Delta R.T. 0.053 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15



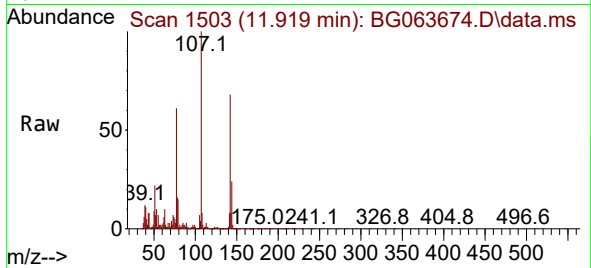
Tgt Ion:113 Resp: 135115
Ion Ratio Lower Upper
113 100
55 209.2 162.3 243.5
56 148.4 107.1 160.7





#35
4-Chloro-3-methylphenol
Concen: 33.056 ng/ul m
RT: 11.919 min Scan# 1503
Delta R.T. 0.018 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

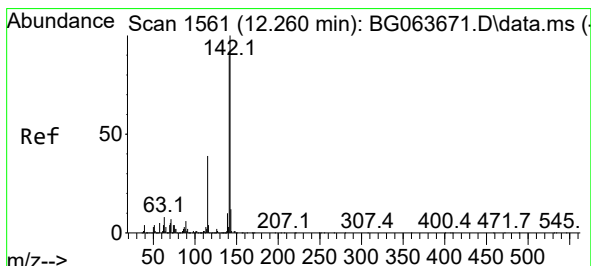
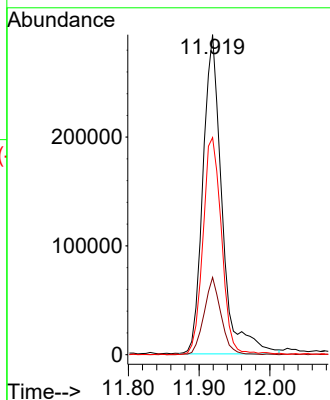
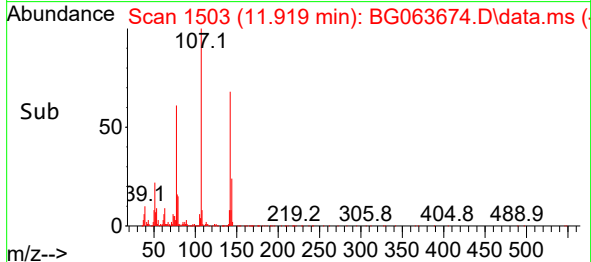
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



Tgt Ion:107 Resp: 550069
Ion Ratio Lower Upper
107 100
144 24.1 16.3 24.5
142 67.8 55.0 82.4

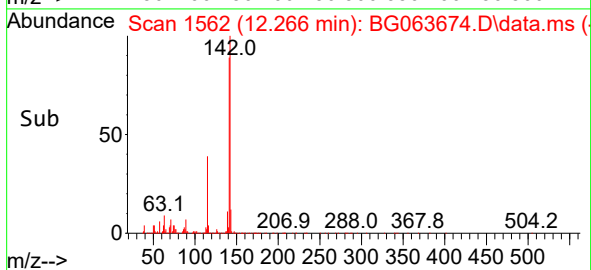
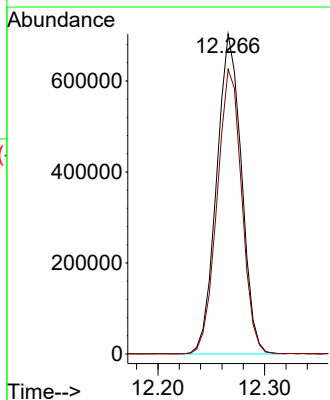
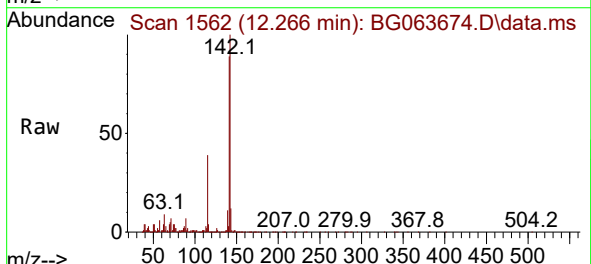
Manual Integrations
APPROVED

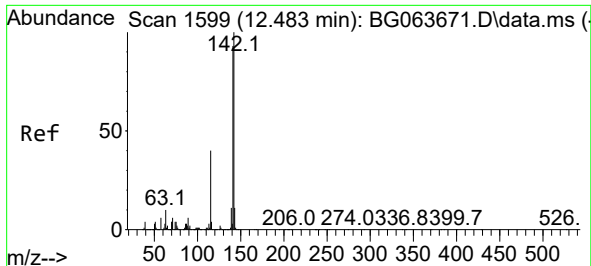
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#36
2-Methylnaphthalene
Concen: 34.366 ng/ul
RT: 12.266 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Tgt Ion:142 Resp: 1136771
Ion Ratio Lower Upper
142 100
141 89.0 69.5 104.3





#37

1-Methylnaphthalene

Concen: 31.230 ng/ul

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG063674.D

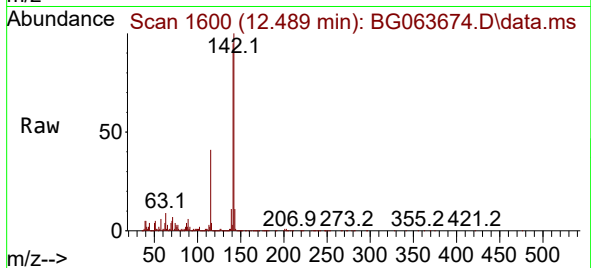
Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD



Tgt Ion:142 Resp: 105224

Ion Ratio Lower Upper

142 100

141 94.7 73.8 110.6

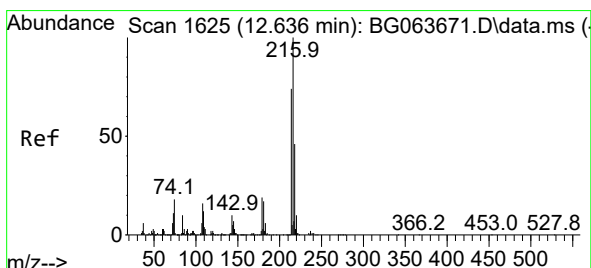
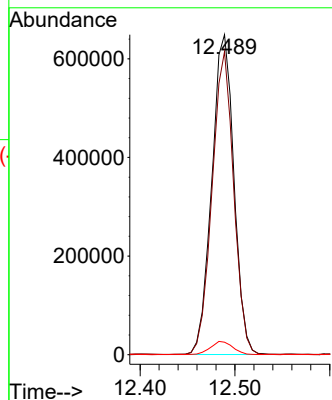
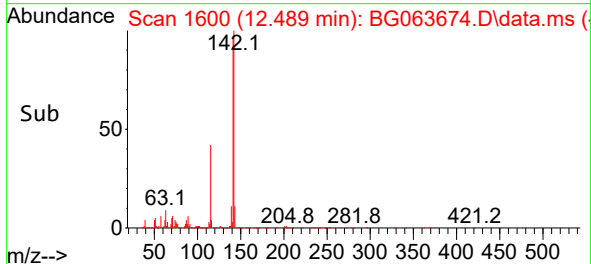
116 3.9 3.5 5.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.243 ng/ul

RT: 12.642 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Tgt Ion:216 Resp: 613340

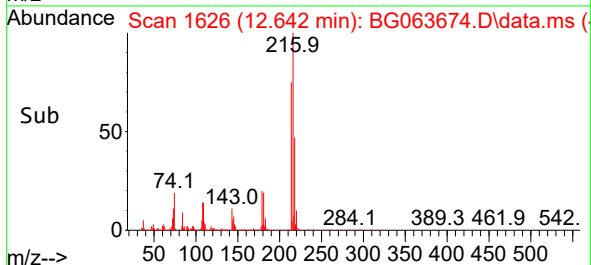
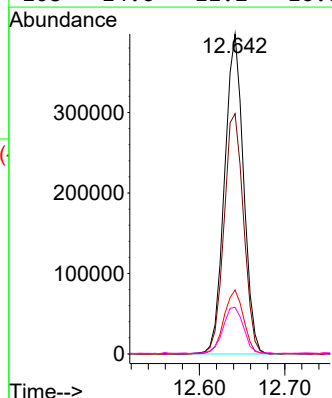
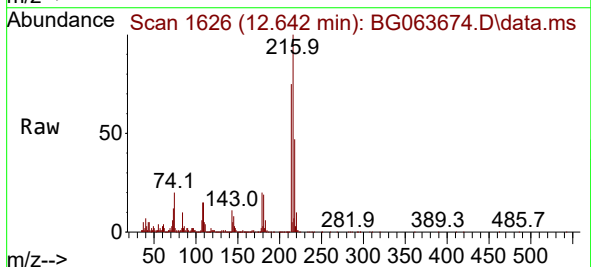
Ion Ratio Lower Upper

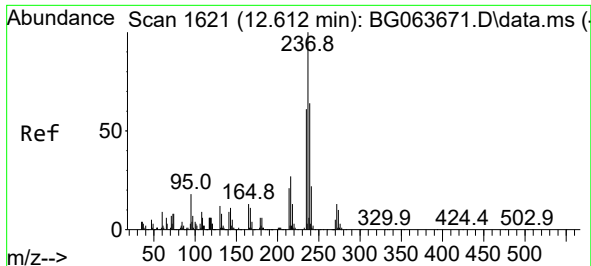
216 100

214 75.1 62.6 93.8

179 20.0 16.5 24.7

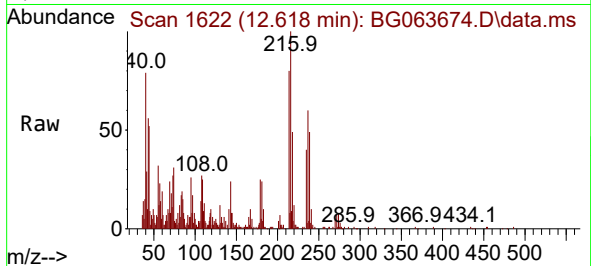
108 14.6 11.2 16.8





#40
Hexachlorocyclopentadiene
Concen: 4.508 ng/ul
RT: 12.618 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

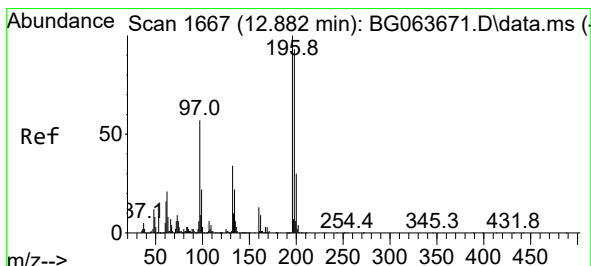
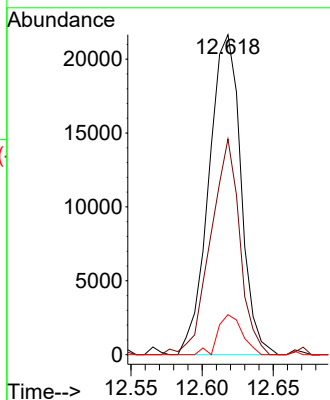
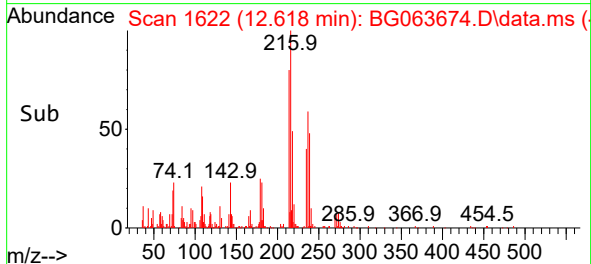
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



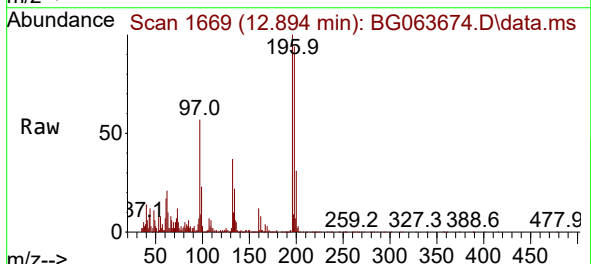
Tgt Ion:237 Resp: 3389
Ion Ratio Lower Upper
237 100
235 67.4 51.0 76.6
272 12.5 9.7 14.5

Manual Integrations
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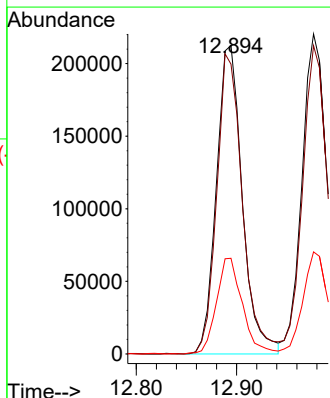
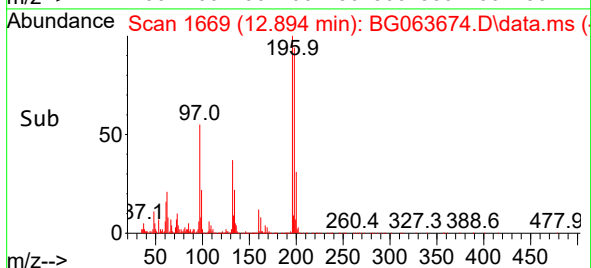
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

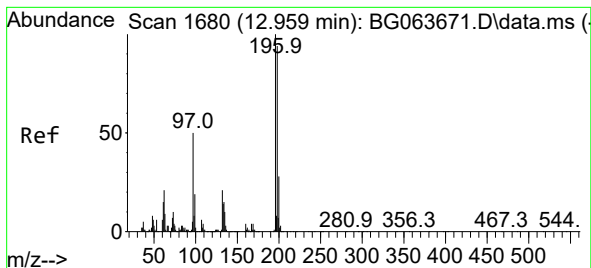


#41
2,4,6-Trichlorophenol
Concen: 35.431 ng/ul
RT: 12.894 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15



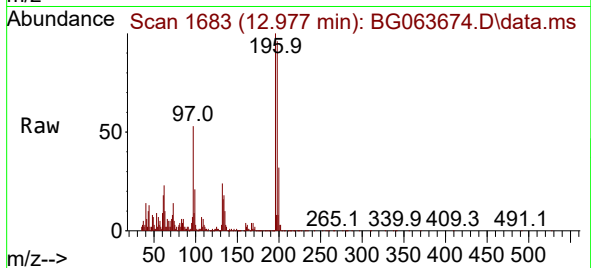
Tgt Ion:196 Resp: 380930
Ion Ratio Lower Upper
196 100
198 93.9 72.4 108.6
200 31.0 22.5 33.7





#42
2,4,5-Trichlorophenol
Concen: 33.894 ng/ul
RT: 12.977 min Scan# 1683
Delta R.T. 0.012 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

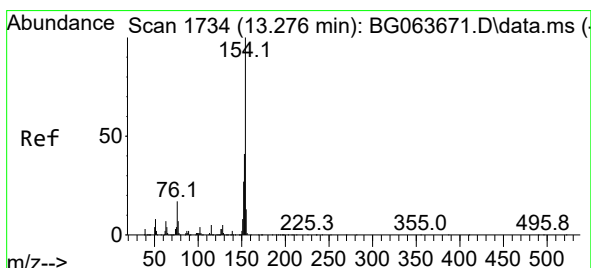
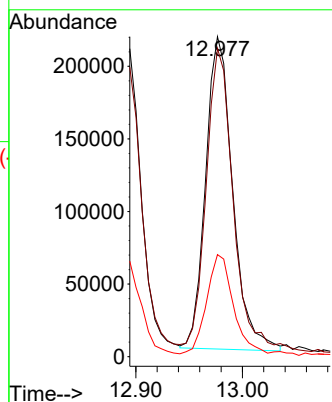
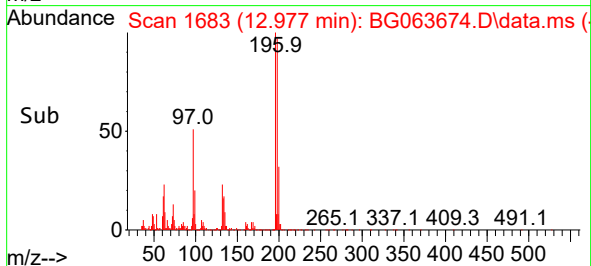
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



Tgt Ion:196 Resp: 38030
Ion Ratio Lower Upper
196 100
198 96.3 74.2 111.4
200 31.9 23.5 35.3

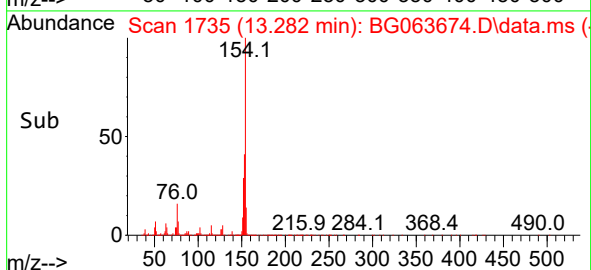
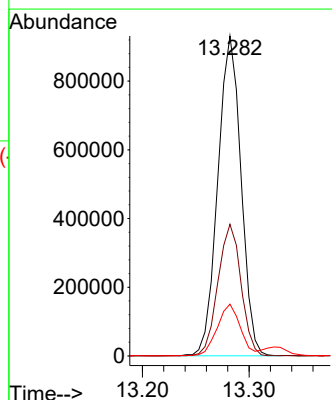
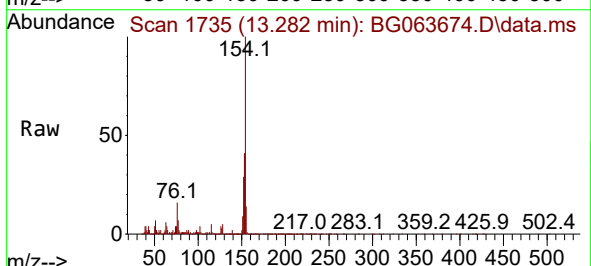
Manual Integrations
APPROVED

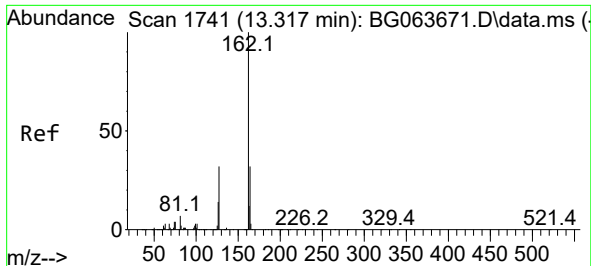
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#43
1,1'-Biphenyl
Concen: 35.836 ng/ul
RT: 13.282 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

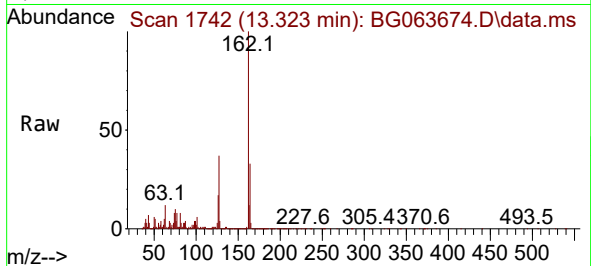
Tgt Ion:154 Resp: 1404312
Ion Ratio Lower Upper
154 100
153 41.2 35.1 52.7
76 16.2 13.4 20.2





#44
2-Chloronaphthalene
Concen: 35.064 ng/ul
RT: 13.323 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

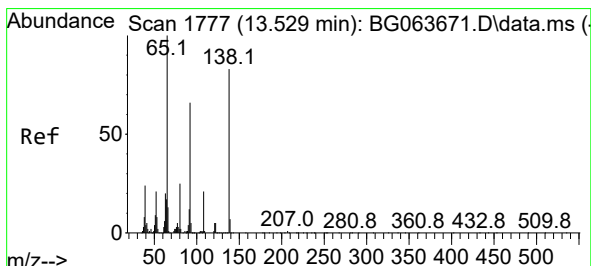
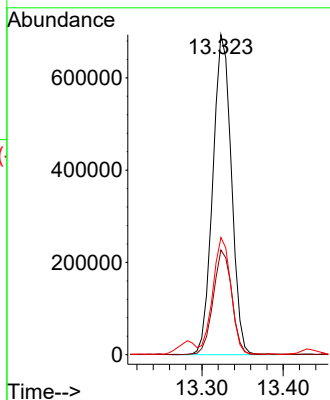
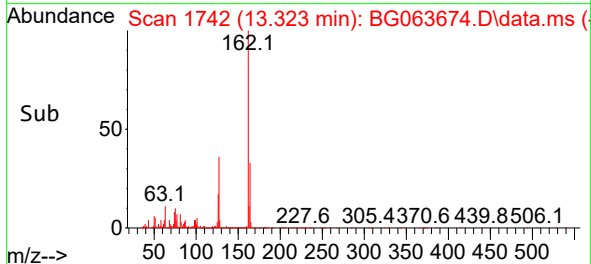
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



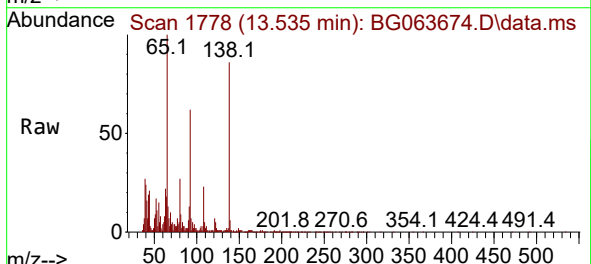
Tgt Ion:162 Resp: 110339
Ion Ratio Lower Upper
162 100
164 32.7 25.2 37.8
127 36.6 29.2 43.8

Manual Integrations
APPROVED

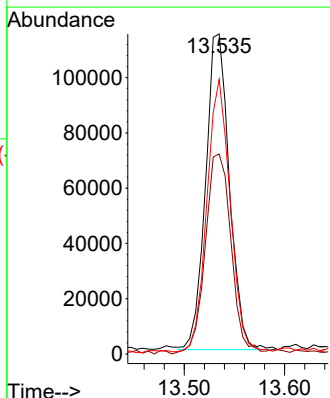
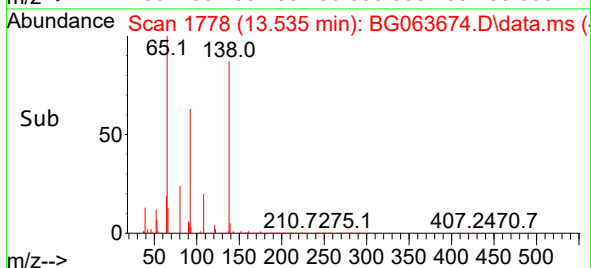
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

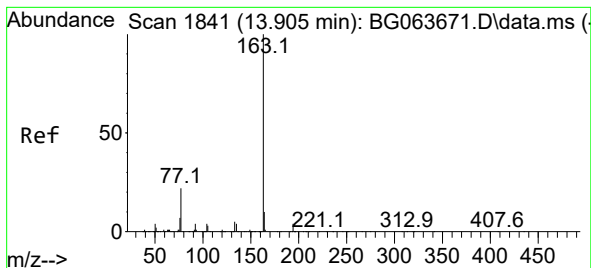


#45
2-Nitroaniline
Concen: 17.881 ng/ul
RT: 13.535 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15



Tgt Ion: 65 Resp: 188474
Ion Ratio Lower Upper
65 100
92 62.5 49.5 74.3
138 85.8 61.8 92.8





#47

Dimethylphthalate

Concen: 31.063 ng/ul

RT: 13.911 min Scan# 1842

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:163 Resp: 125878

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

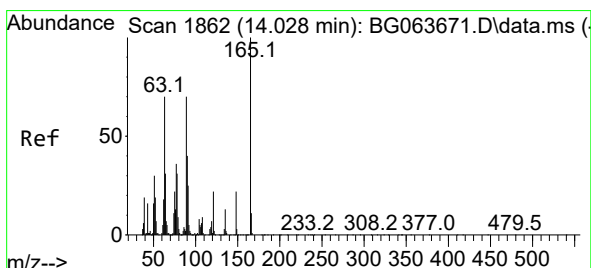
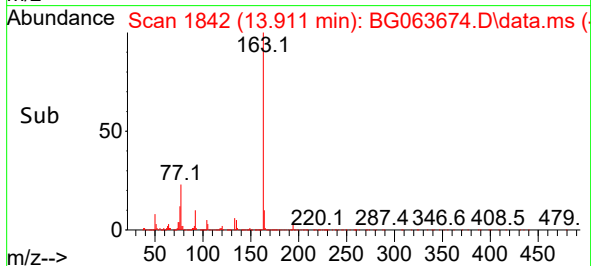
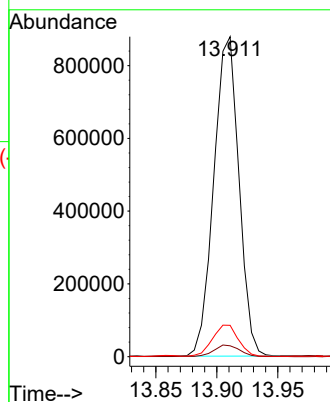
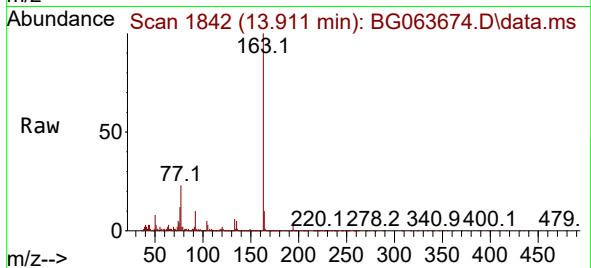
164 9.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#48

2,6-Dinitrotoluene

Concen: 9.412 ng/ul

RT: 14.028 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

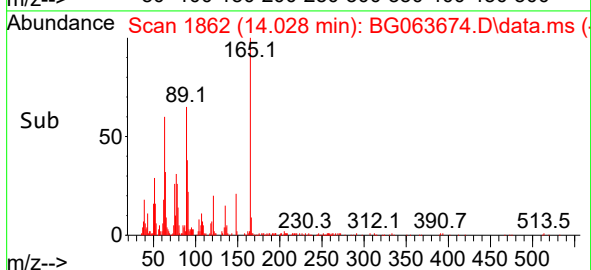
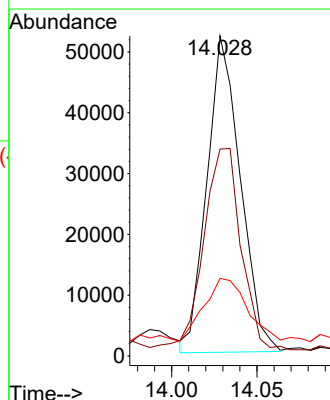
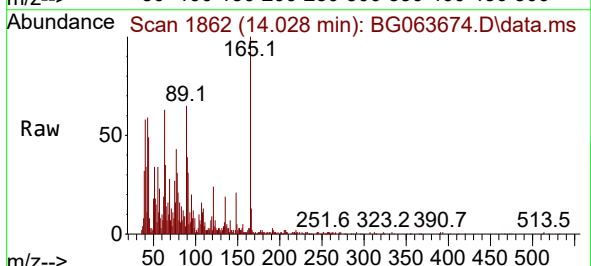
Tgt Ion:165 Resp: 70832

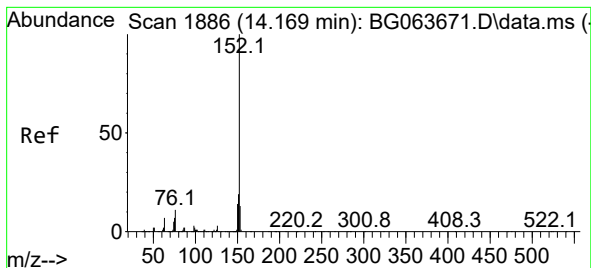
Ion Ratio Lower Upper

165 100

89 64.6 59.4 89.2

121 24.3 20.8 31.2





#50

Acenaphthylene

Concen: 25.168 ng/ul

RT: 14.175 min Scan# 1886

Delta R.T. 0.000 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:152 Resp: 124385

Ion Ratio Lower Upper

152 100

151 19.5 14.6 22.0

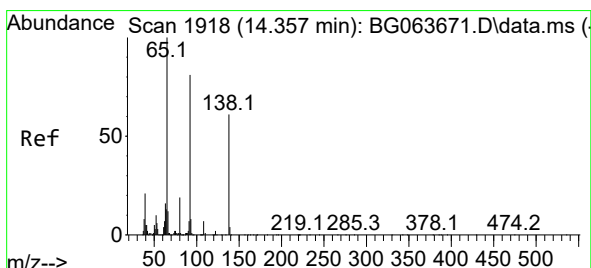
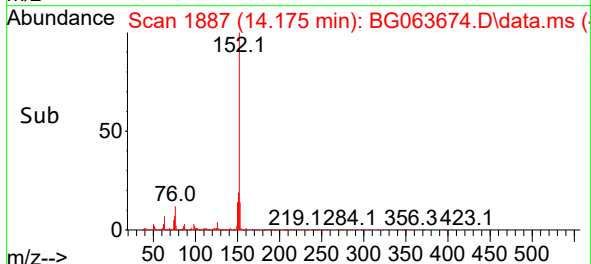
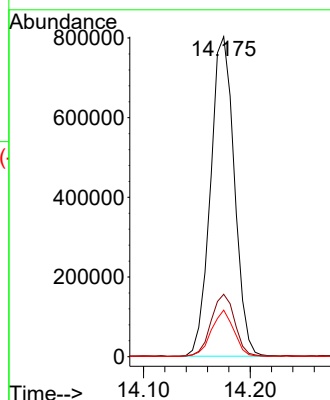
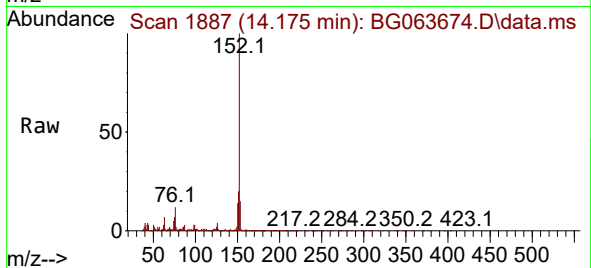
153 14.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#51

3-Nitroaniline

Concen: 10.398 ng/ul

RT: 14.369 min Scan# 1920

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

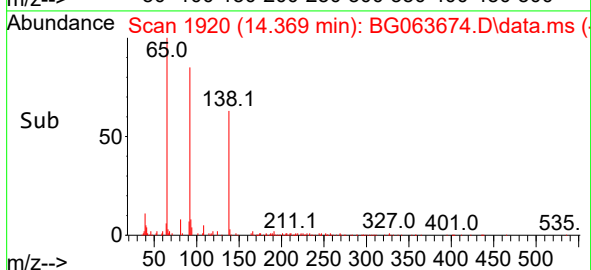
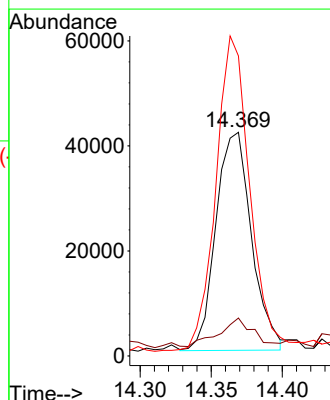
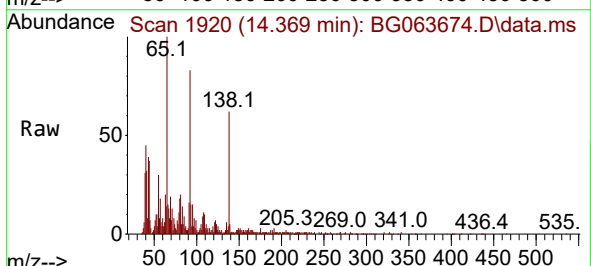
Tgt Ion:138 Resp: 72353

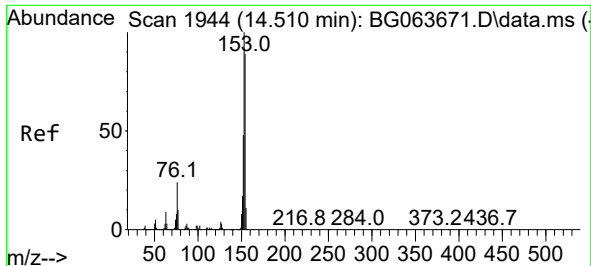
Ion Ratio Lower Upper

138 100

108 17.0 8.4 12.6

92 134.1 120.4 180.6





#52
Acenaphthene
Concen: 32.745 ng/ul
RT: 14.516 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

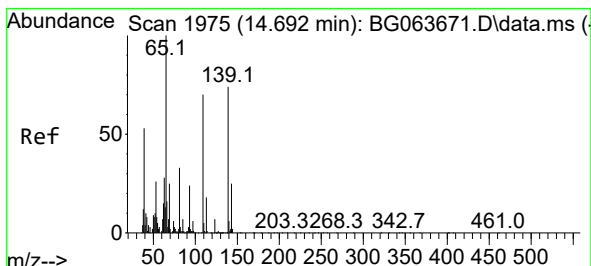
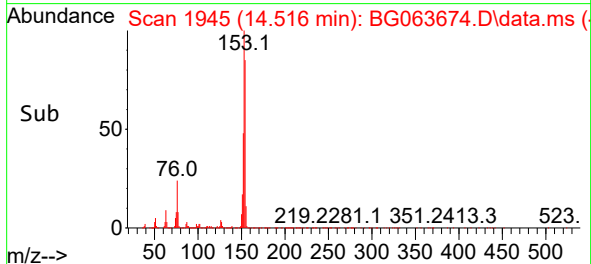
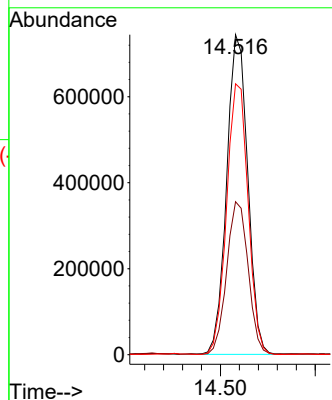
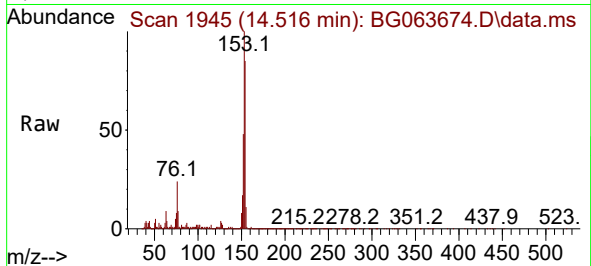
ClientSampleId :

E28Q4MSD

Tgt Ion:153 Resp: 1147044
Ion Ratio Lower Upper
153 100
152 47.8 40.2 60.4
154 84.7 70.8 106.2

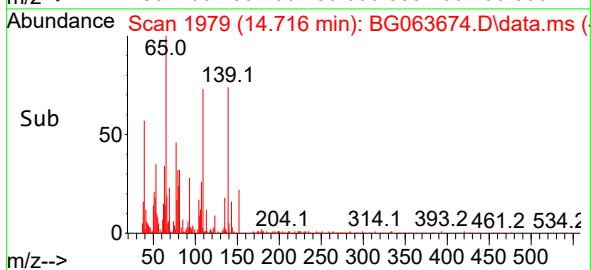
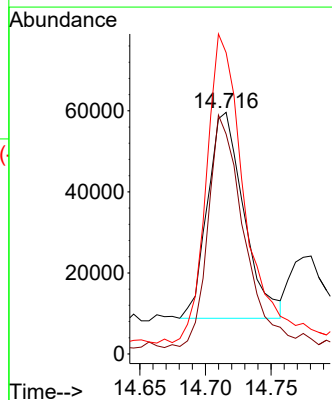
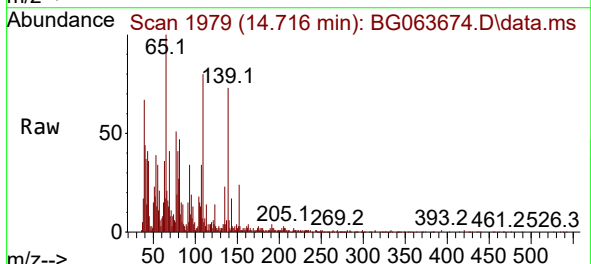
Manual Integrations
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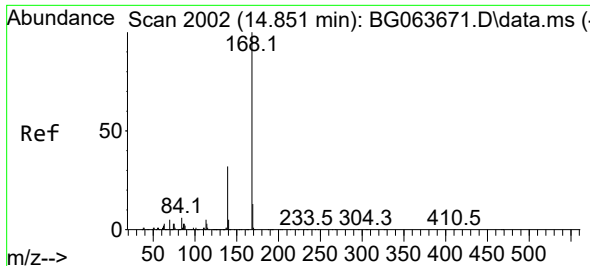
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#55
4-Nitrophenol
Concen: 16.409 ng/ul
RT: 14.716 min Scan# 1979
Delta R.T. 0.030 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Tgt Ion:109 Resp: 97616
Ion Ratio Lower Upper
109 100
139 91.0 86.4 129.6
65 124.7 127.0 190.4#





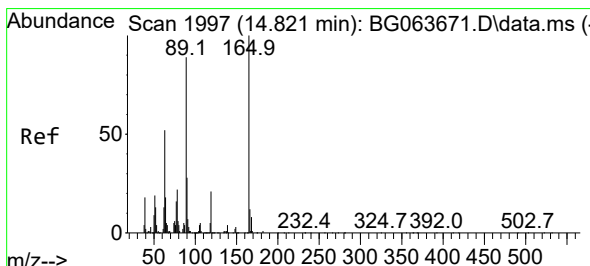
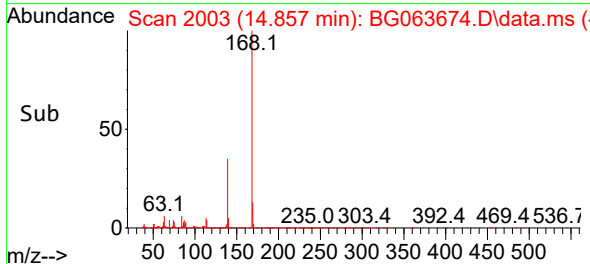
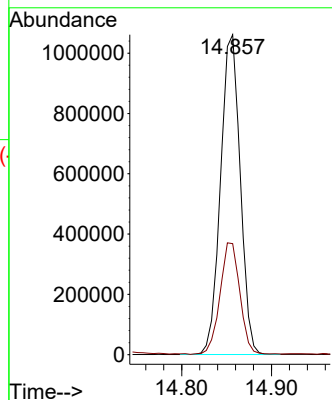
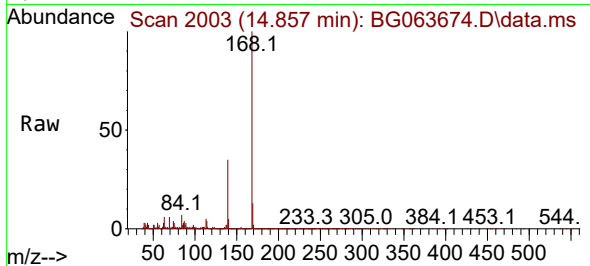
#56
Dibenzofuran
Concen: 32.682 ng/ul
RT: 14.857 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Instrument :
BNA_G
ClientSampleId :
E28Q4MSD

Tgt Ion:168 Resp: 161405
Ion Ratio Lower Upper
168 100
139 34.7 27.8 41.8

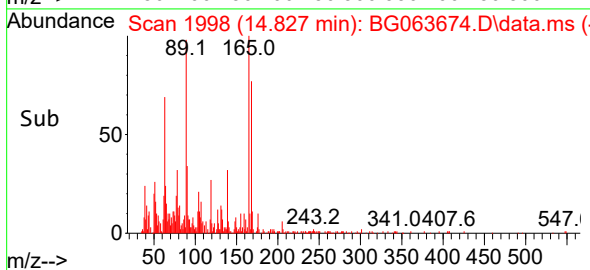
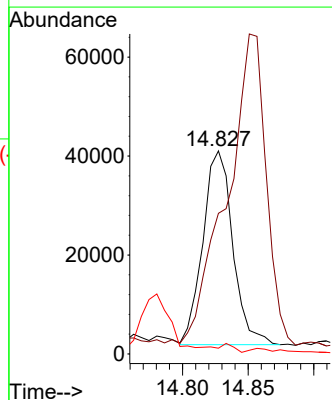
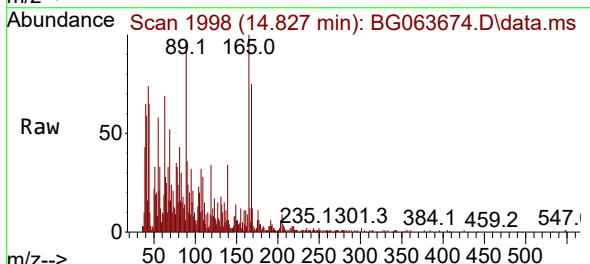
Manual Integrations
APPROVED

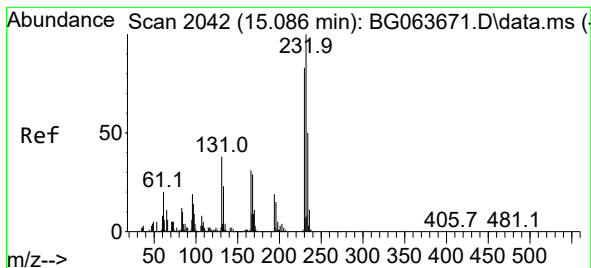
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#57
2,4-Dinitrotoluene
Concen: 5.562 ng/ul
RT: 14.827 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

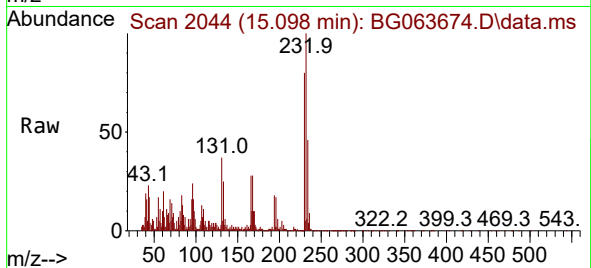
Tgt Ion:165 Resp: 62204
Ion Ratio Lower Upper
165 100
63 69.3 45.0 67.4#
182 2.8 1.8 2.8#





#58
2,3,4,6-Tetrachlorophenol
Concen: 28.975 ng/ul
RT: 15.098 min Scan# 2044
Delta R.T. 0.012 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

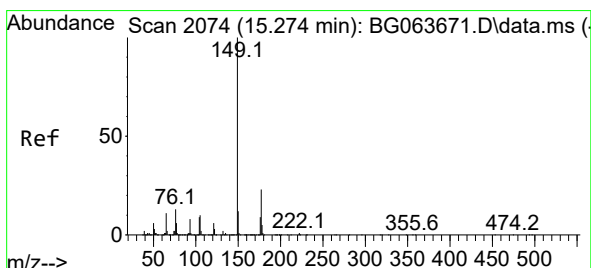
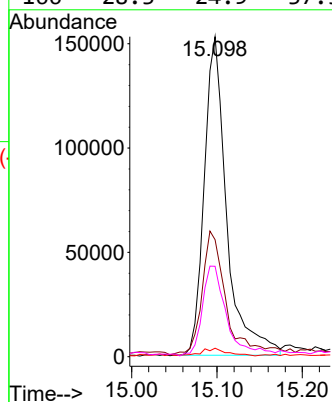
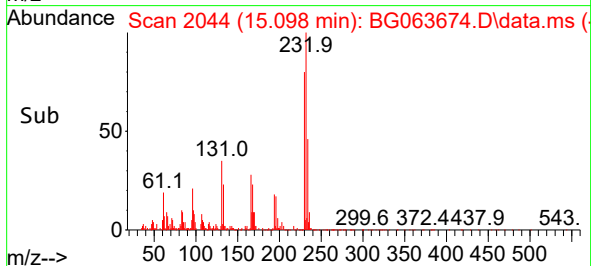
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



Tgt Ion:232 Resp: 28024
Ion Ratio Lower Upper
232 100
131 36.6 30.3 45.5
130 2.7 1.8 2.6
166 28.3 24.9 37.3

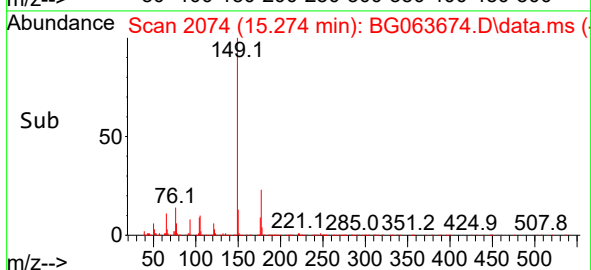
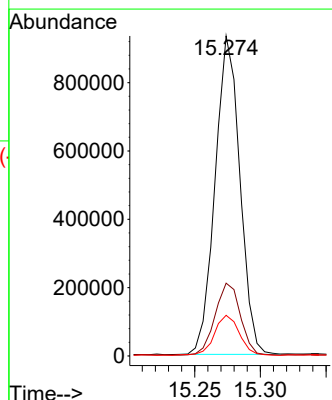
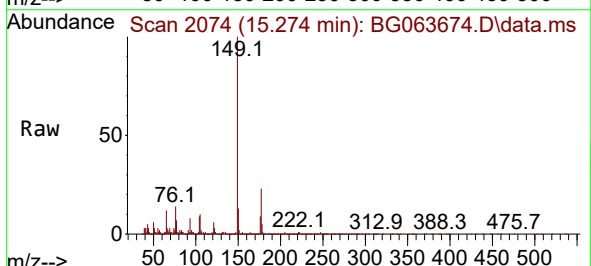
Manual Integrations
APPROVED

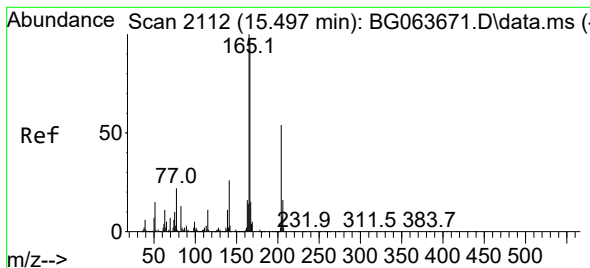
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#59
Diethylphthalate
Concen: 31.200 ng/ul
RT: 15.274 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Tgt Ion:149 Resp: 1222242
Ion Ratio Lower Upper
149 100
177 22.8 17.6 26.4
150 12.7 9.0 13.4





#61

Fluorene

Concen: 31.500 ng/ul

RT: 15.509 min Scan# 2113

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:166 Resp: 1242210

Ion Ratio Lower Upper

166 100

165 101.1 81.9 122.9

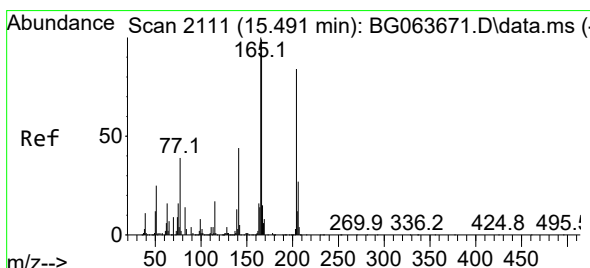
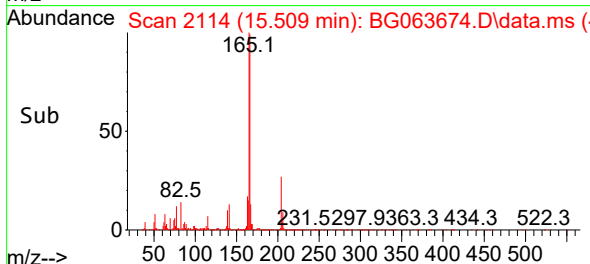
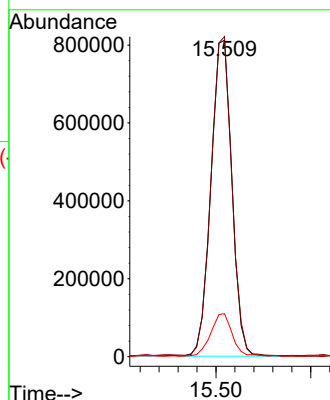
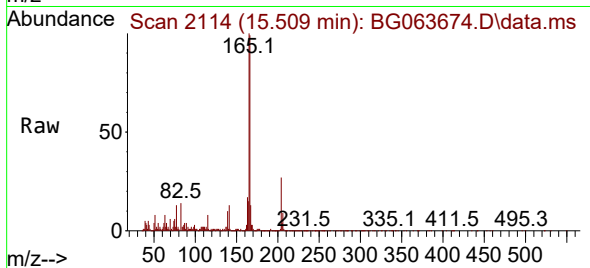
167 13.6 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#62

4-Chlorophenyl-phenylether

Concen: 29.939 ng/ul

RT: 15.497 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

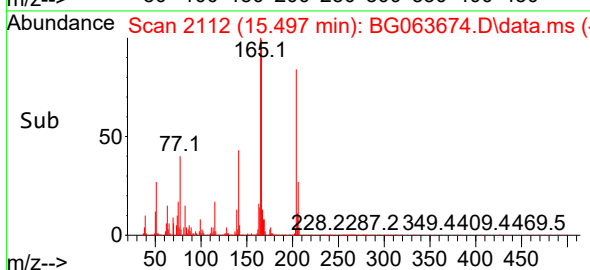
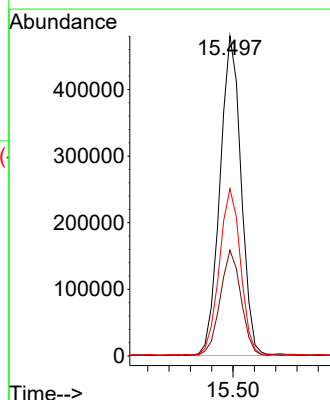
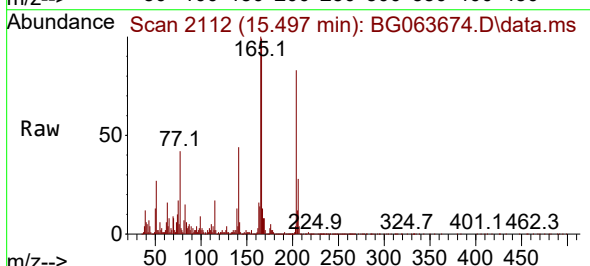
Tgt Ion:204 Resp: 657745

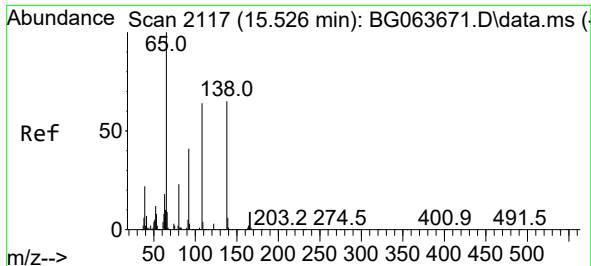
Ion Ratio Lower Upper

204 100

206 33.1 25.6 38.4

141 52.2 42.3 63.5





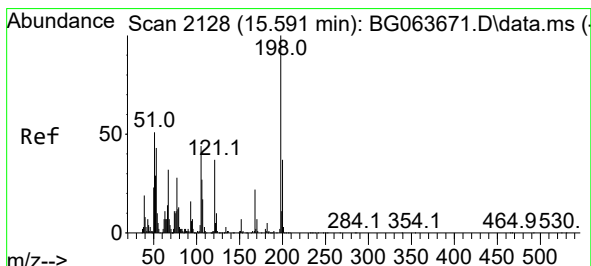
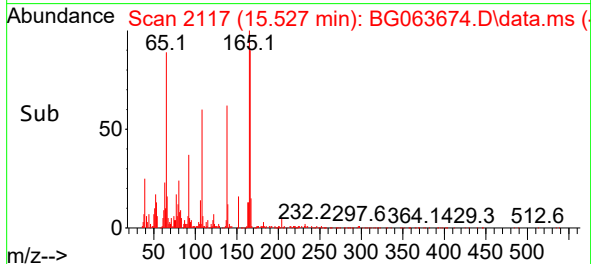
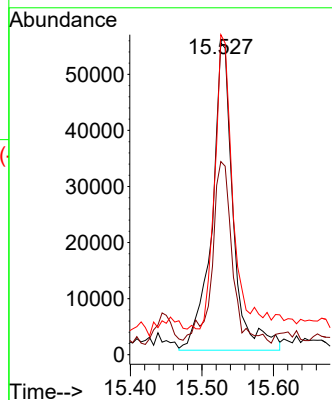
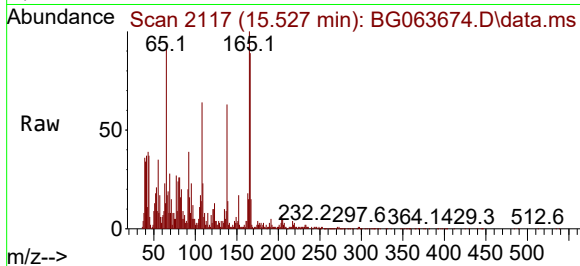
#63
4-Nitroaniline
Concen: 16.272 ng/ul m
RT: 15.527 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Instrument :
BNA_G
ClientSampleId :
E28Q4MSD

Tgt Ion:138 Resp: 113350
Ion Ratio Lower Upper
138 100
92 62.0 53.2 79.8
108 102.6 79.4 119.0

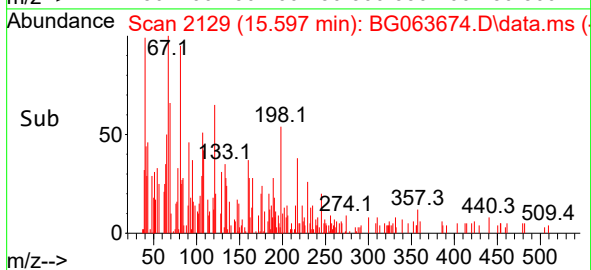
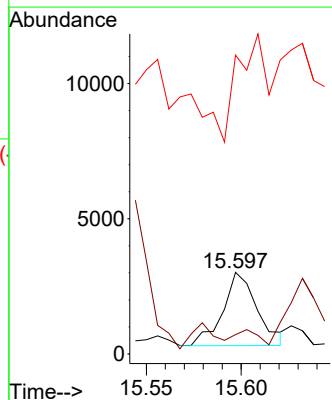
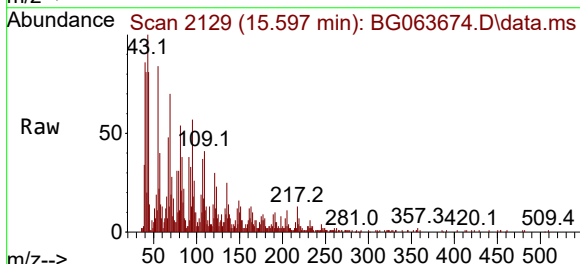
Manual Integrations
APPROVED

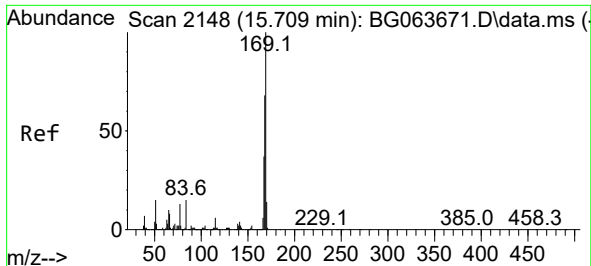
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#66
4,6-Dinitro-2-methylphenol
Concen: 0.557 ng/ul
RT: 15.597 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

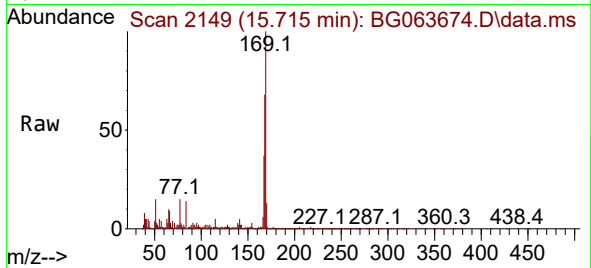
Tgt Ion:198 Resp: 3412
Ion Ratio Lower Upper
198 100
182 23.7 3.4 5.2#
77 366.6 25.2 37.8#





#67
N-Nitrosodiphenylamine
Concen: 37.930 ng/ul
RT: 15.715 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

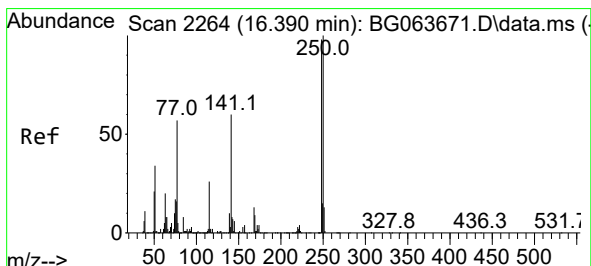
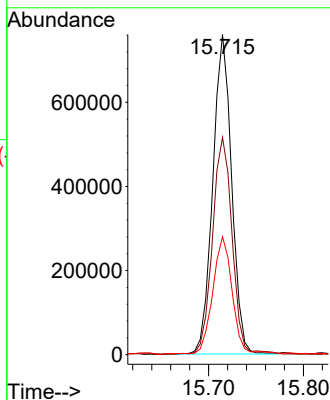
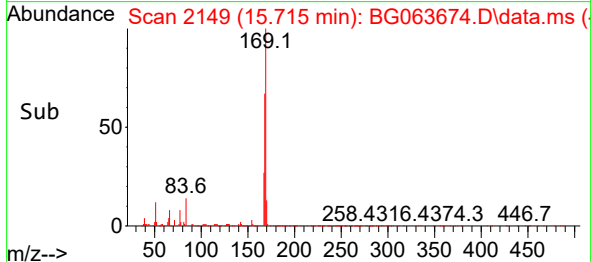
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



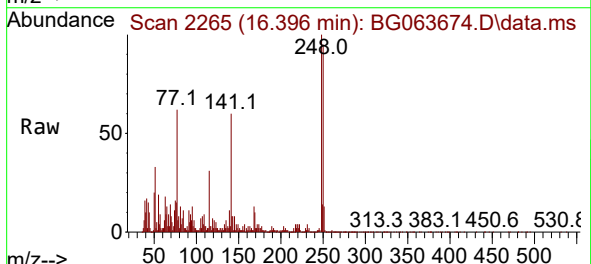
Tgt Ion:169 Resp: 105148
Ion Ratio Lower Upper
169 100
168 67.9 54.0 81.0
167 36.9 29.8 44.8

Manual Integrations
APPROVED

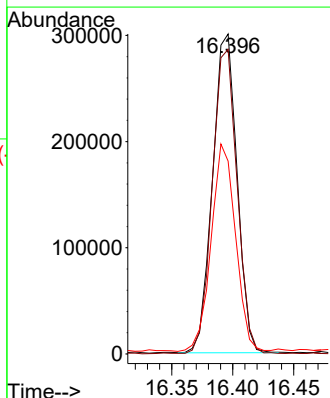
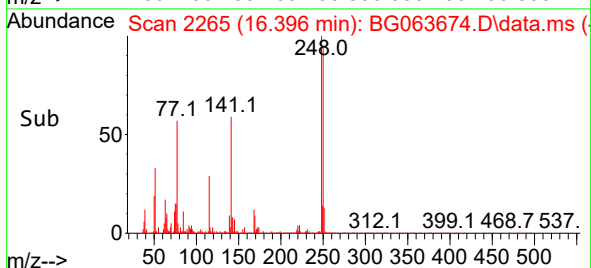
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

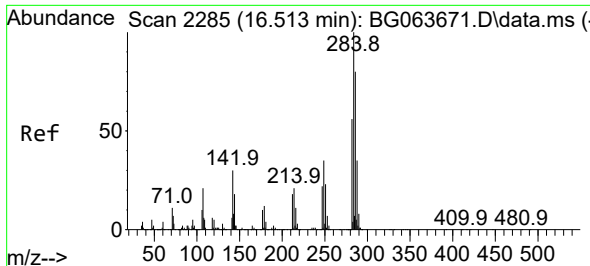


#68
4-Bromophenyl-phenylether
Concen: 35.954 ng/ul
RT: 16.396 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15



Tgt Ion:248 Resp: 419480
Ion Ratio Lower Upper
248 100
250 95.2 76.1 114.1
141 60.3 46.0 69.0





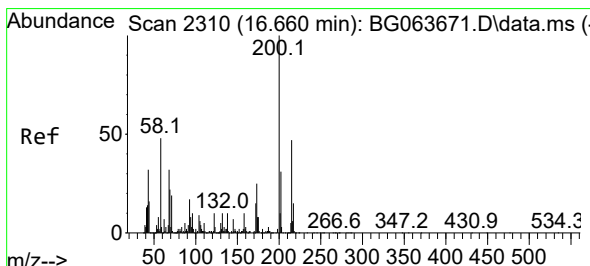
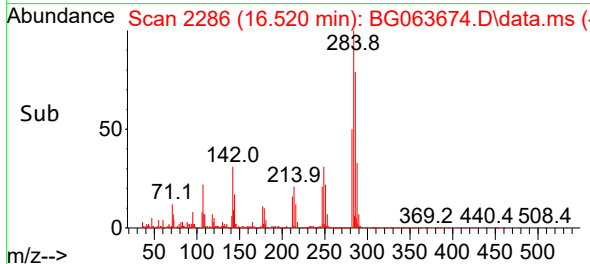
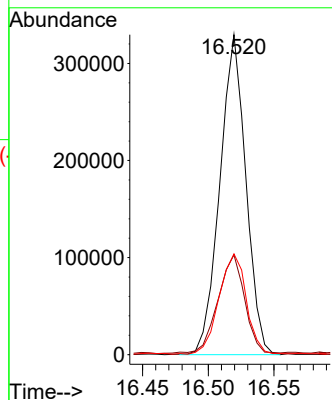
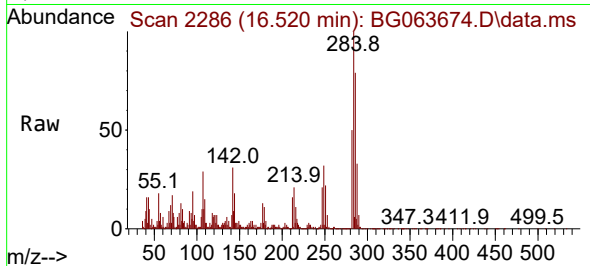
#69
Hexachlorobenzene
Concen: 34.784 ng/ul
RT: 16.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Instrument :
BNA_G
ClientSampleId :
E28Q4MSD

Tgt Ion:284 Resp: 454690
Ion Ratio Lower Upper
284 100
142 31.2 23.9 35.9
249 31.5 24.6 36.8

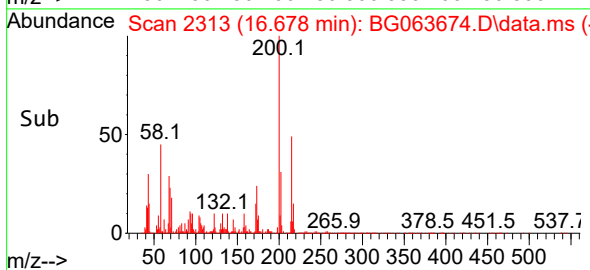
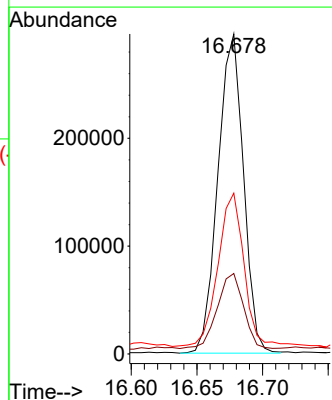
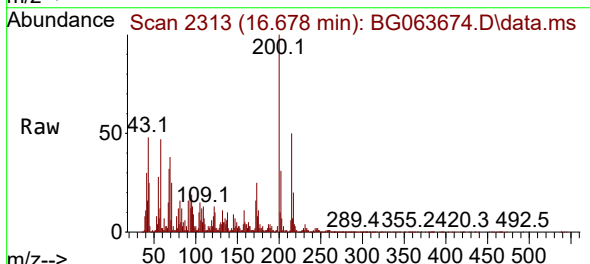
Manual Integrations
APPROVED

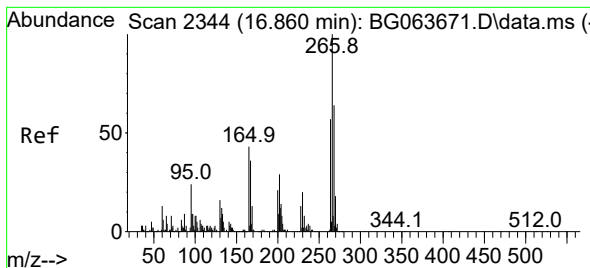
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#70
Atrazine
Concen: 34.188 ng/ul
RT: 16.678 min Scan# 2313
Delta R.T. 0.012 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

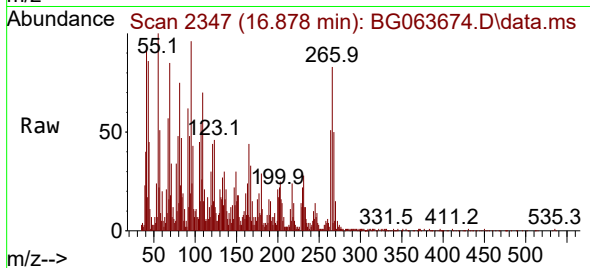
Tgt Ion:200 Resp: 400631
Ion Ratio Lower Upper
200 100
173 25.1 21.3 31.9
215 50.3 37.8 56.8





#71
Pentachlorophenol
Concen: 22.155 ng/ul
RT: 16.878 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

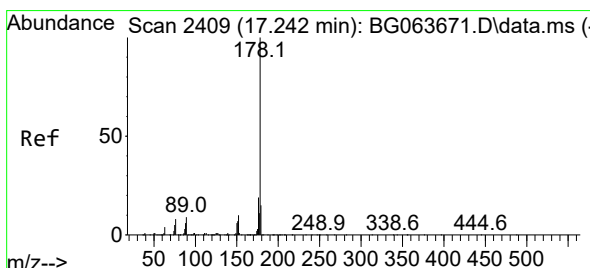
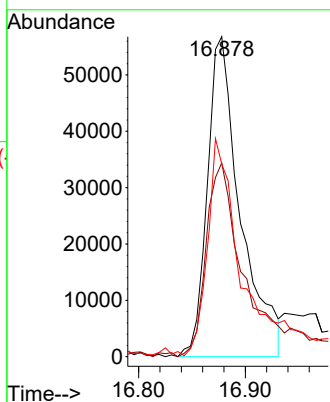
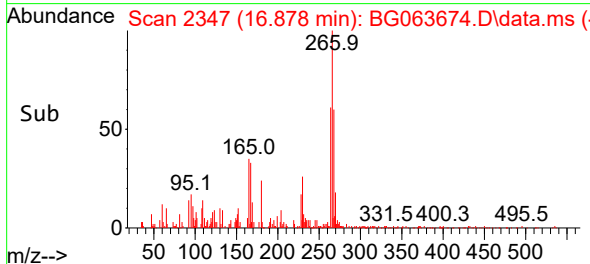
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



Tgt Ion:266 Resp: 12210
Ion Ratio Lower Upper
266 100
264 60.6 49.3 73.9
268 60.2 50.5 75.7

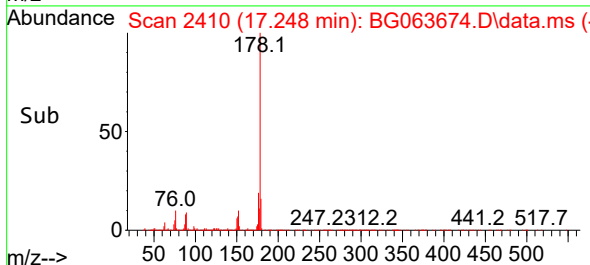
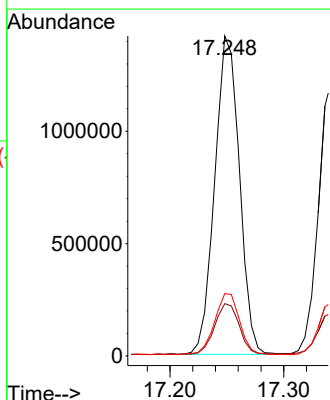
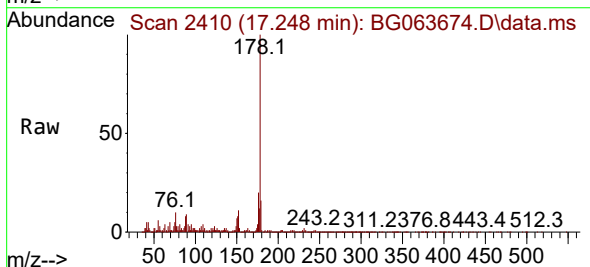
Manual Integrations
APPROVED

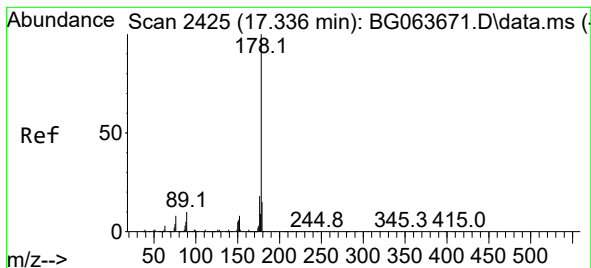
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#72
Phenanthrene
Concen: 38.759 ng/ul
RT: 17.248 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Tgt Ion:178 Resp: 2138218
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.2
176 19.5 15.8 23.6





#74

Anthracene

Concen: 32.127 ng/ul

RT: 17.342 min Scan# 24

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:178 Resp: 1793884

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

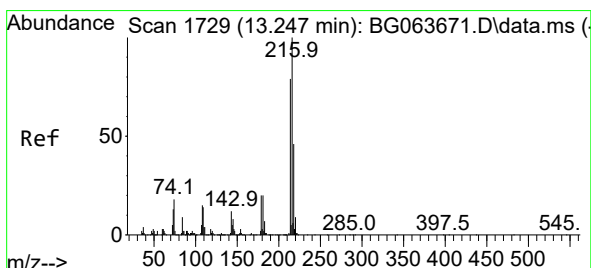
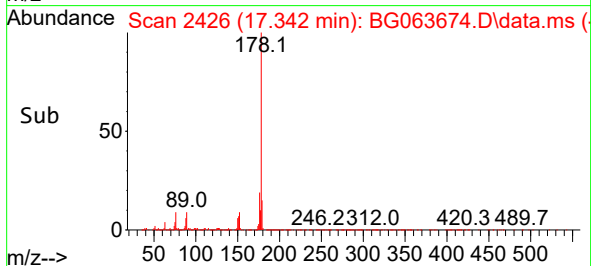
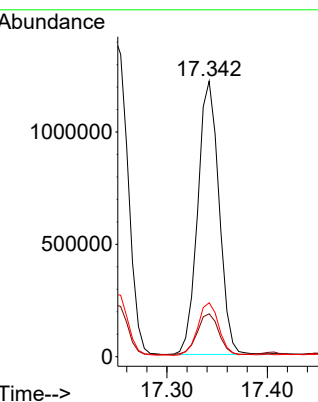
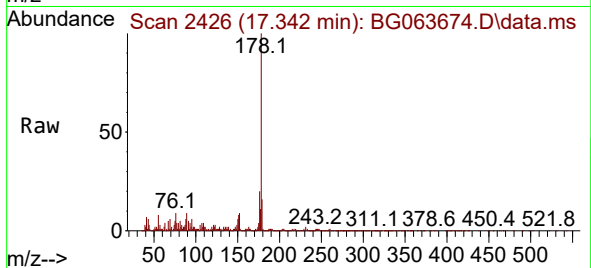
176 19.6 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.270 ng/ul

RT: 13.253 min Scan# 1730

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

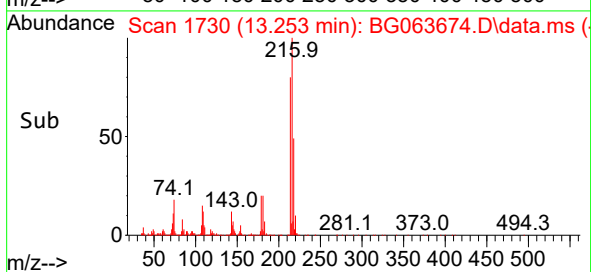
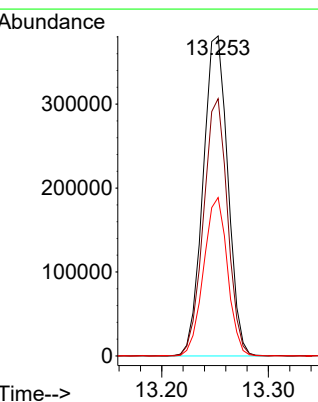
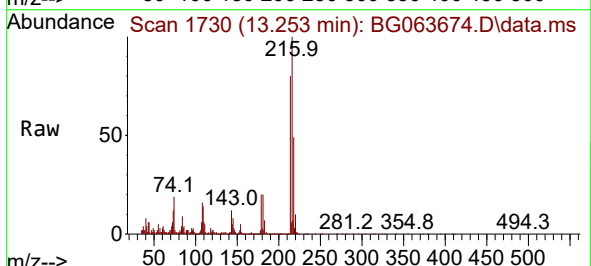
Tgt Ion:216 Resp: 615092

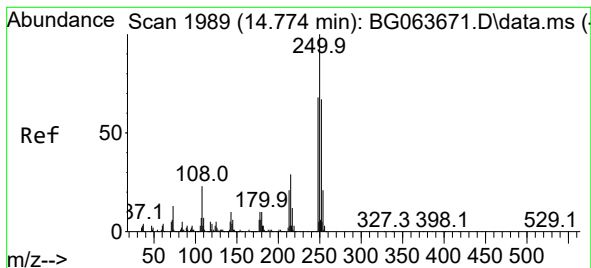
Ion Ratio Lower Upper

216 100

214 80.4 60.2 90.4

218 49.5 37.6 56.4





#76

Pentachlorobenzene

Concen: 37.143 ng/ul

RT: 14.780 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:250 Resp: 562040

Ion Ratio Lower Upper

250 100

248 61.4 49.8 74.8

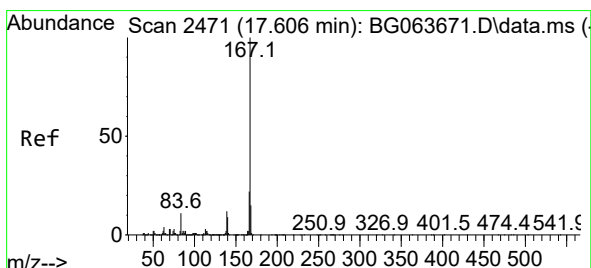
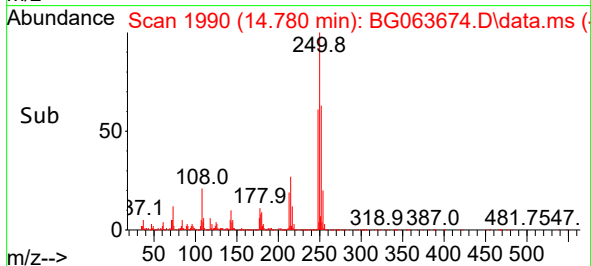
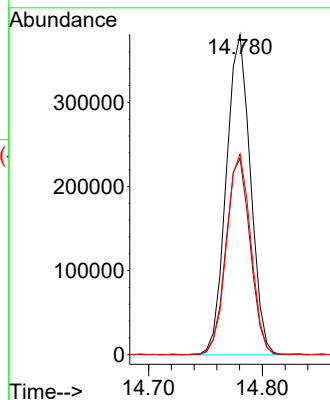
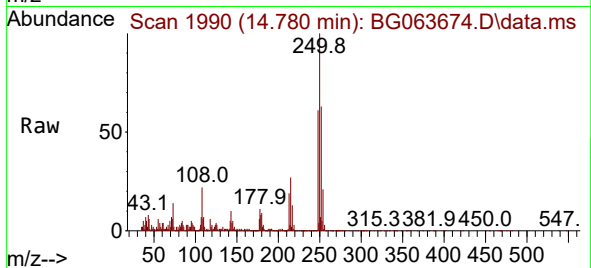
252 62.7 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#77

Carbazole

Concen: 37.400 ng/ul

RT: 17.618 min Scan# 2473

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

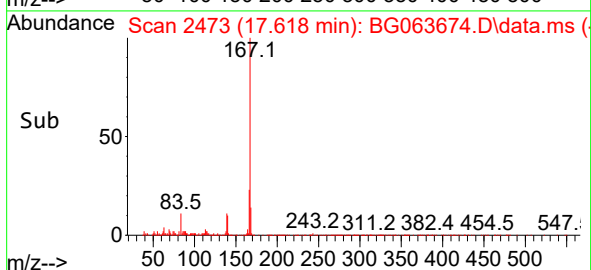
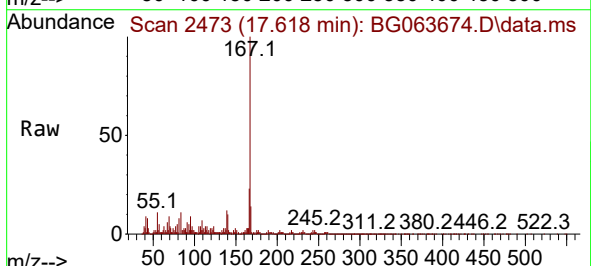
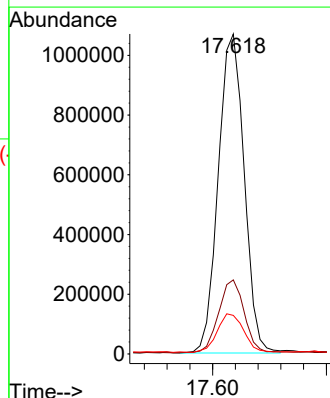
Tgt Ion:167 Resp: 1690408

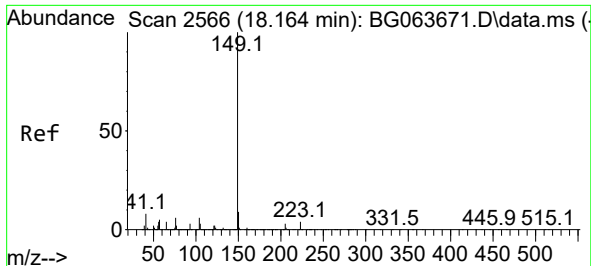
Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.4

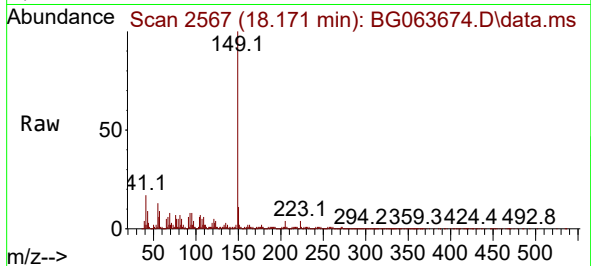
139 12.1 10.1 15.1





#78
Di-n-butylphthalate
Concen: 36.235 ng/ul
RT: 18.171 min Scan# 2566
Delta R.T. 0.000 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

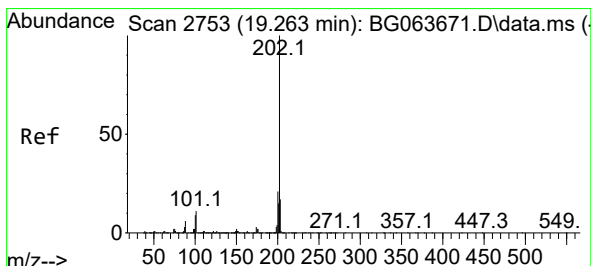
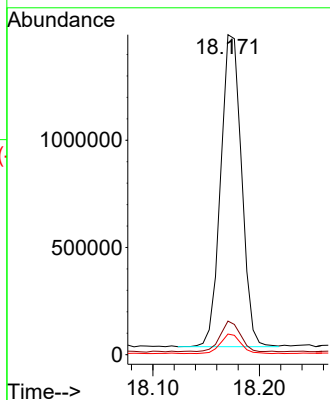
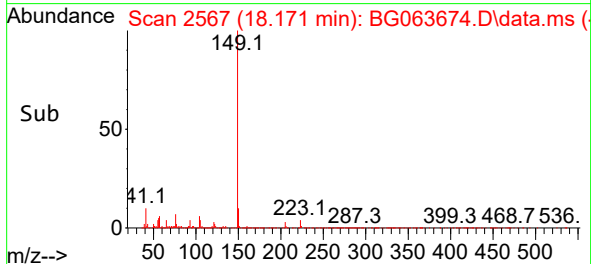
Instrument :
BNA_G
ClientSampleId :
E28Q4MSD



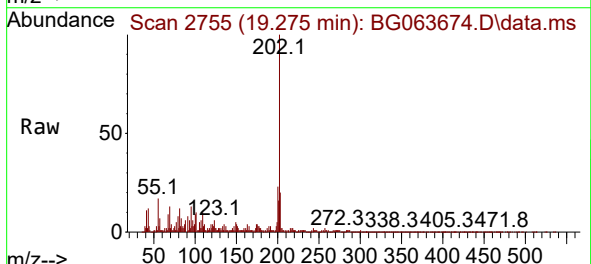
Tgt Ion:149 Resp: 1977909
Ion Ratio Lower Upper
149 100
150 10.5 7.2 10.8
104 6.4 5.4 8.0

Manual Integrations
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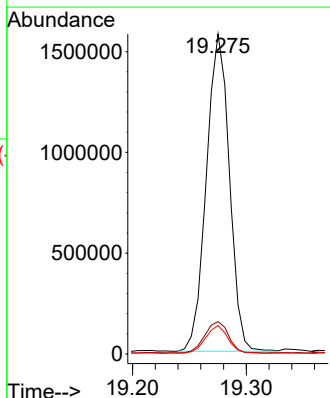
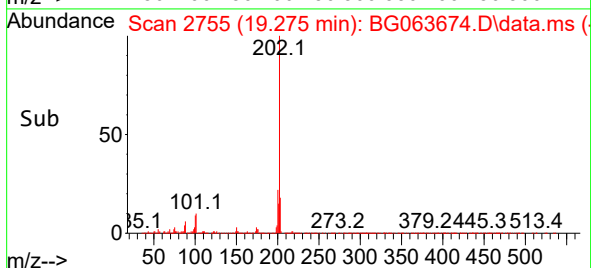
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

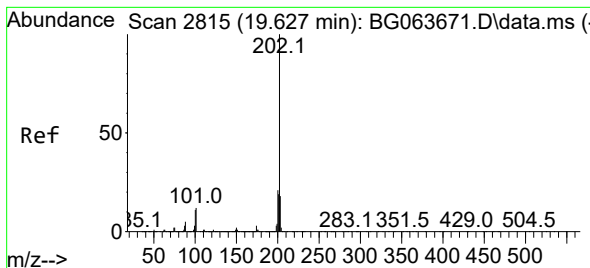


#80
Fluoranthene
Concen: 38.067 ng/ul
RT: 19.275 min Scan# 2755
Delta R.T. 0.006 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15



Tgt Ion:202 Resp: 2214751
Ion Ratio Lower Upper
202 100
101 10.1 8.1 12.1
100 8.9 6.5 9.7





#82

Pyrene

Concen: 36.924 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:202 Resp: 228561

Ion Ratio Lower Upper

202 100

101 12.6 8.7 13.1

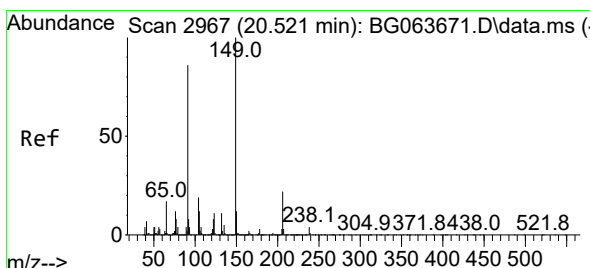
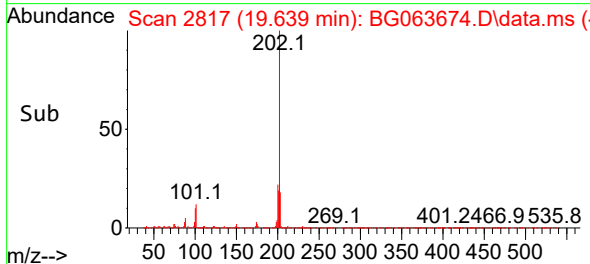
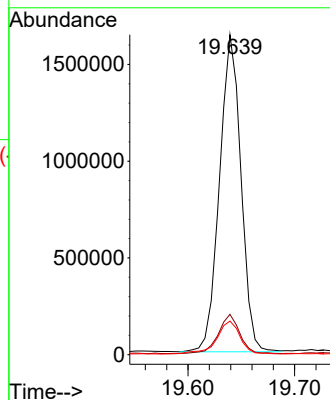
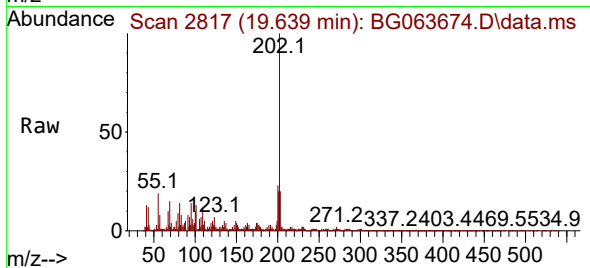
100 10.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#83

Butylbenzylphthalate

Concen: 41.713 ng/ul

RT: 20.532 min Scan# 2969

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

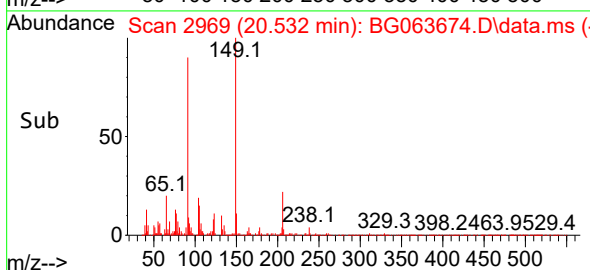
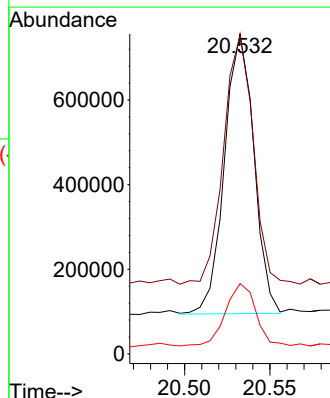
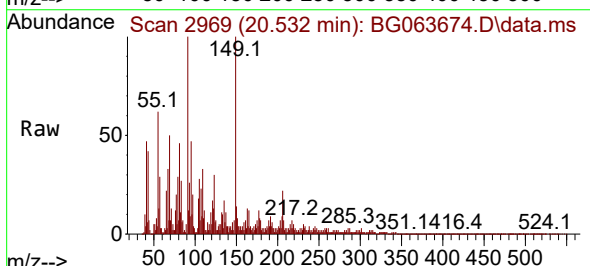
Tgt Ion:149 Resp: 792606

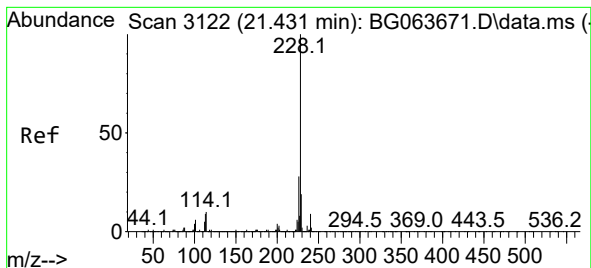
Ion Ratio Lower Upper

149 100

91 99.6 68.7 103.1

206 22.0 17.3 25.9





#85

Benzo(a)anthracene

Concen: 33.556 ng/ul

RT: 21.449 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:228 Resp: 2068702

Ion Ratio Lower Upper

228 100

229 23.2 15.7 23.5

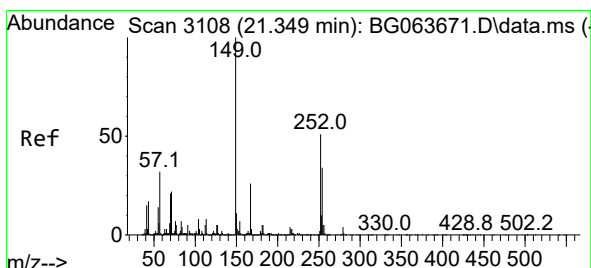
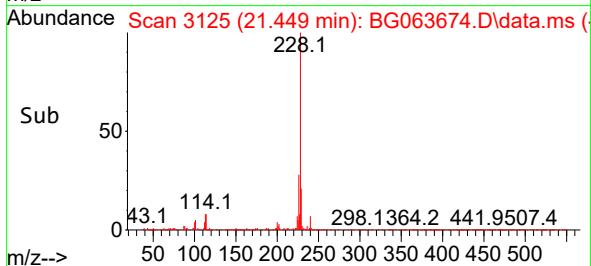
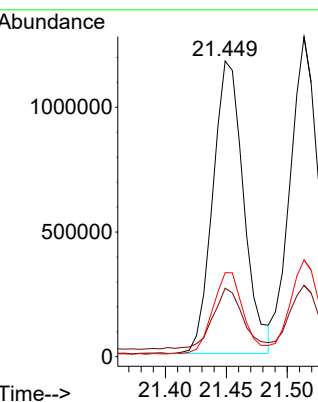
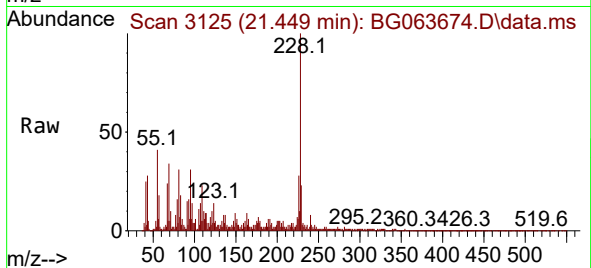
226 28.4 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.141 ng/ul

RT: 21.361 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

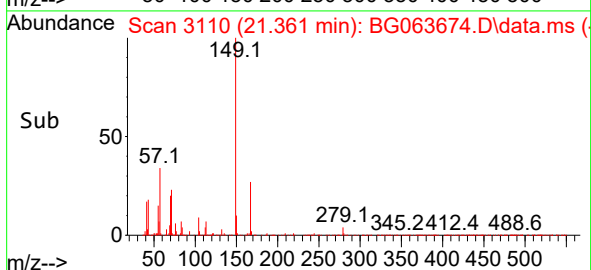
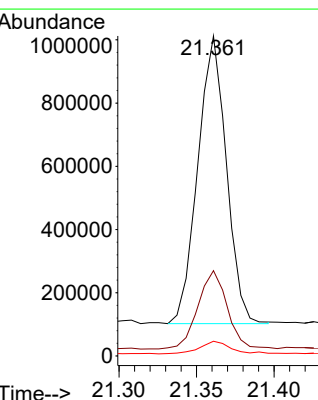
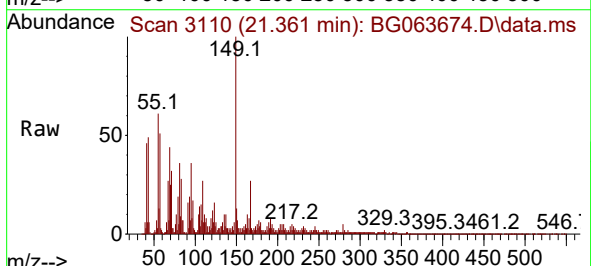
Tgt Ion:149 Resp: 1164805

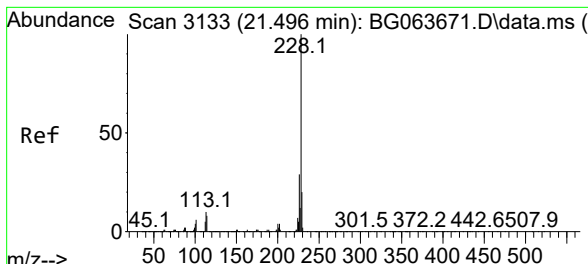
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

279 4.6 2.9 4.3#





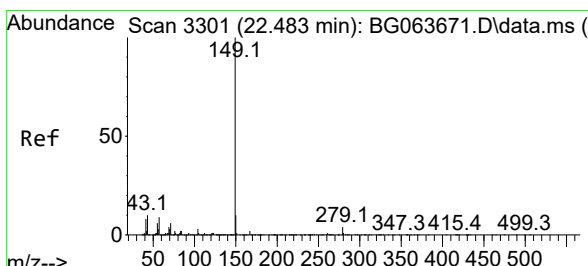
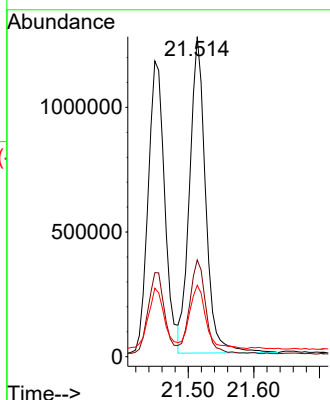
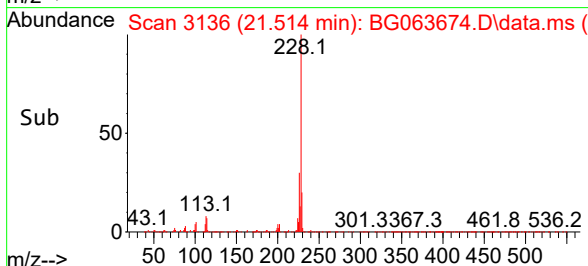
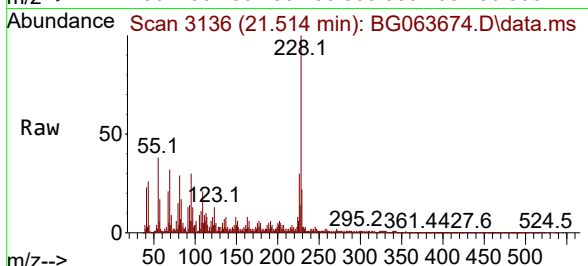
#87
Chrysene
Concen: 36.618 ng/ul
RT: 21.514 min Scan# 3133
Delta R.T. 0.012 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Instrument :
BNA_G
ClientSampleId :
E28Q4MSD

Tgt Ion:228 Resp: 215153
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 22.3 14.8 22.2

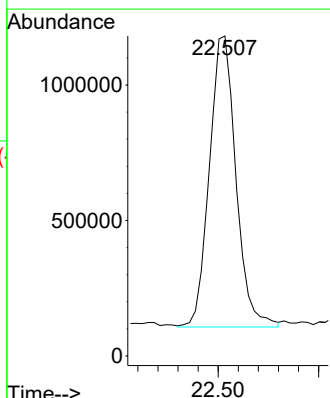
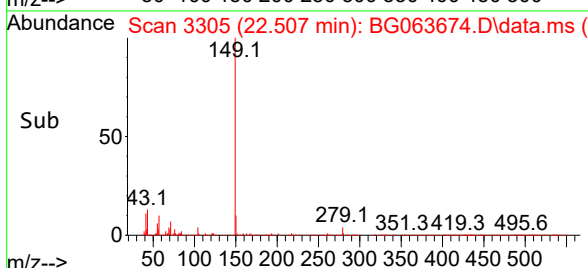
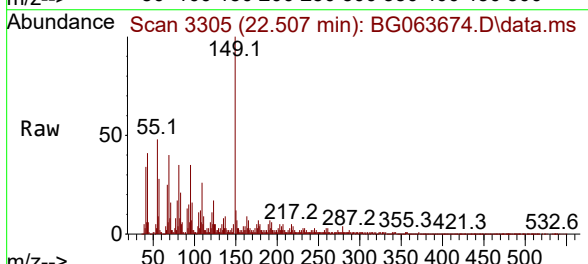
Manual Integrations
APPROVED

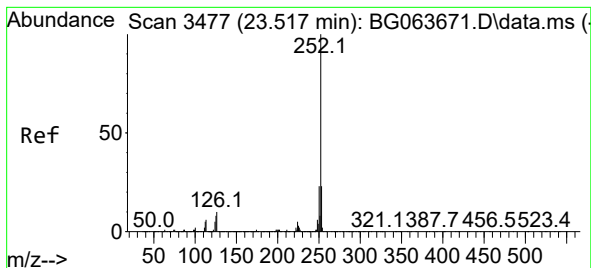
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#89
Di-n-octyl phthalate
Concen: 66.004 ng/ul m
RT: 22.507 min Scan# 3305
Delta R.T. 0.018 min
Lab File: BG063674.D
Acq: 13 Dec 2024 12:15

Tgt Ion:149 Resp: 1970135





#90

Benzo(b)fluoranthene

Concen: 41.395 ng/ul

RT: 23.558 min Scan# 34

Delta R.T. 0.036 min

Lab File: BG063674.D

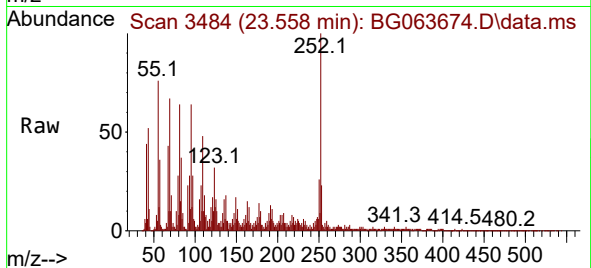
Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD



Tgt Ion:252 Resp: 1627020

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

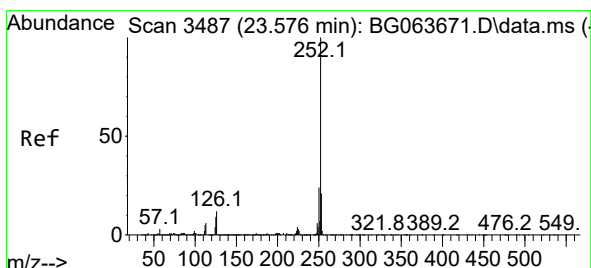
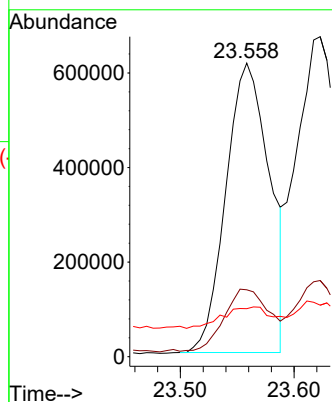
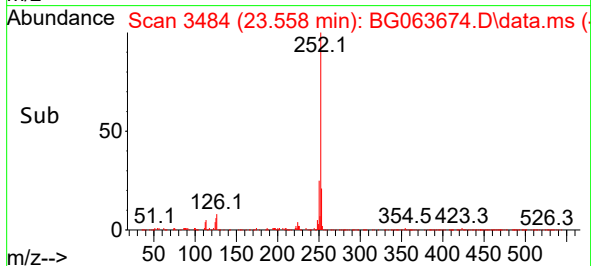
125 16.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#91

Benzo(k)fluoranthene

Concen: 57.520 ng/ul m

RT: 23.623 min Scan# 3495

Delta R.T. 0.036 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

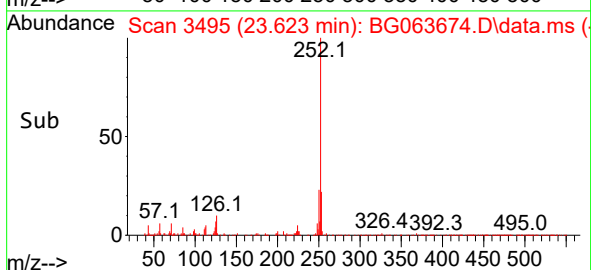
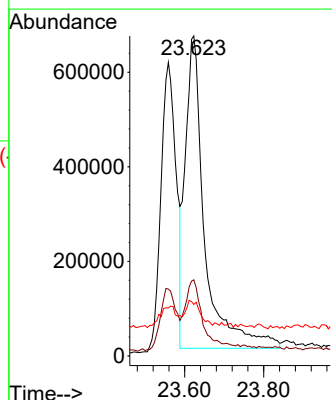
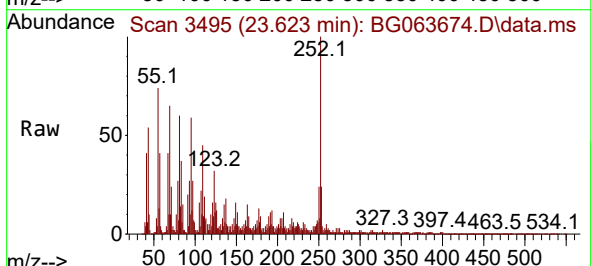
Tgt Ion:252 Resp: 2255162

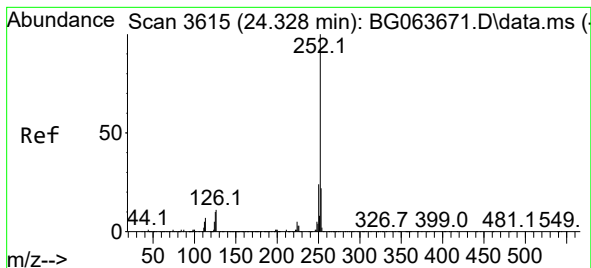
Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

125 16.1 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 38.846 ng/ul m

RT: 24.381 min Scan# 3

Delta R.T. 0.041 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:252 Resp: 143314

Ion Ratio Lower Upper

252 100

253 23.3 16.6 24.8

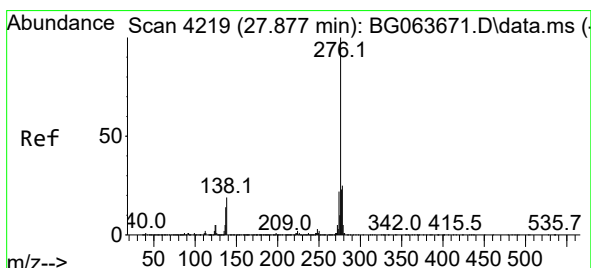
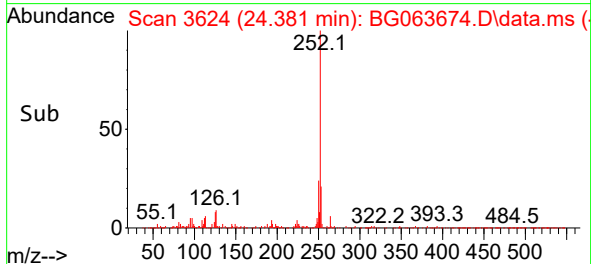
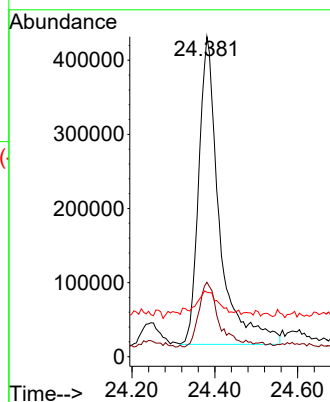
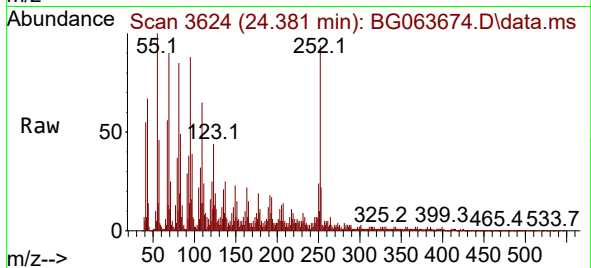
125 20.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.900 ng/ul m

RT: 27.971 min Scan# 4235

Delta R.T. 0.083 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

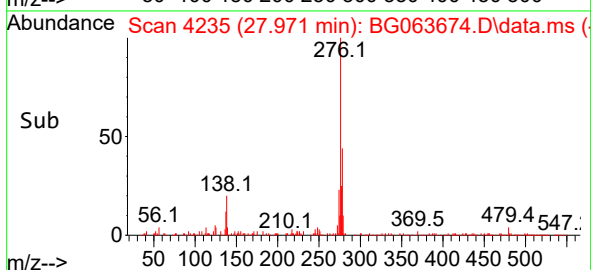
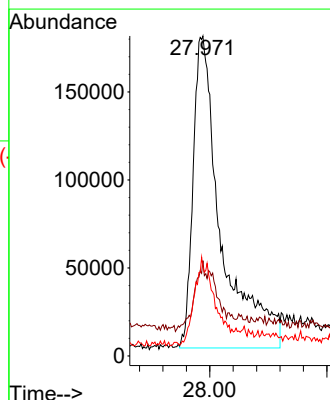
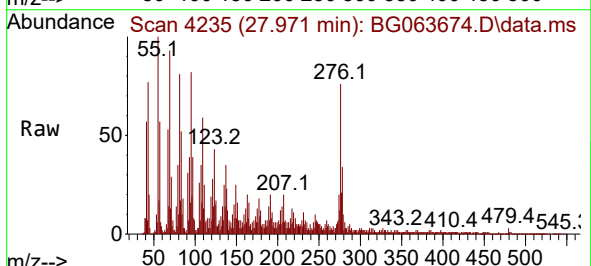
Tgt Ion:276 Resp: 1482285

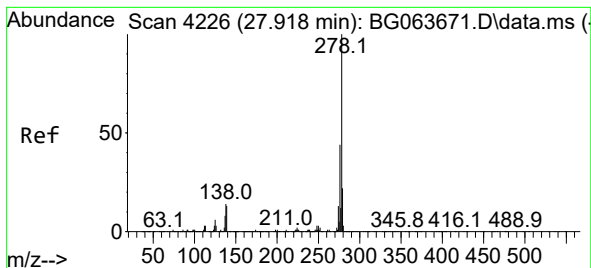
Ion Ratio Lower Upper

276 100

138 29.8 13.7 20.5#

277 27.8 18.4 27.6#





#95

Dibenzo(a,h)anthracene

Concen: 32.263 ng/ul m

RT: 28.006 min Scan# 4416

Delta R.T. 0.071 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Instrument :

BNA_G

ClientSampleId :

E28Q4MSD

Tgt Ion:278 Resp: 116310

Ion Ratio Lower Upper

278 100

139 21.7 9.7 14.5

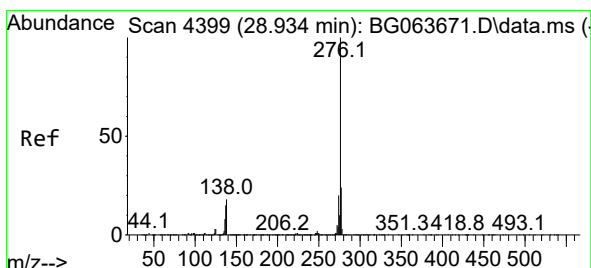
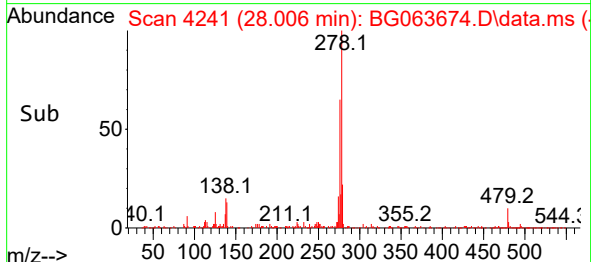
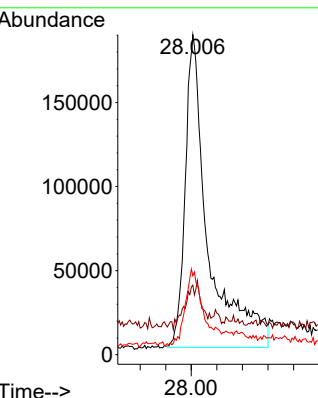
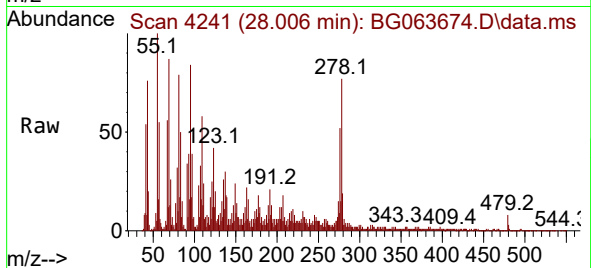
279 24.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#96

Benzo(g,h,i)perylene

Concen: 27.900 ng/ul m

RT: 29.034 min Scan# 4416

Delta R.T. 0.094 min

Lab File: BG063674.D

Acq: 13 Dec 2024 12:15

Tgt Ion:276 Resp: 997473

Ion Ratio Lower Upper

276 100

138 27.1 13.8 20.8

277 26.0 17.8 26.8

