

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060942.D
 Acq On : 18 Apr 2024 19:16
 Operator : MA/JU
 Sample : P2150-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 00:47:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	51350	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	201503	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	169971	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	466476	20.000	ng	0.00
76) Chrysene-d12	21.575	240	434319	20.000	ng	0.00
86) Perylene-d12	24.689	264	283105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	382122	129.257	ng	0.00
7) Phenol-d6	7.110	99	502121	117.903	ng	0.00
23) Nitrobenzene-d5	9.096	82	387456	87.292	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	389179	138.598	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	998374	86.196	ng	0.00
79) Terphenyl-d14	19.936	244	2099242	84.354	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	44918	37.586	ng	# 35
3) Pyridine	3.855	79	132882	34.948	ng	99
4) n-Nitrosodimethylamine	3.749	42	99102	40.845	ng	96
6) Aniline	7.274	93	16758	3.230	ng	92
8) 2-Chlorophenol	7.503	128	156489	46.530	ng	99
9) Benzaldehyde	7.074	77	8705	3.806	ng	90
10) Phenol	7.133	94	186354	43.661	ng	95
11) bis(2-Chloroethyl)ether	7.362	93	142812	43.137	ng	96
12) 1,3-Dichlorobenzene	7.827	146	156743	43.863	ng	99
13) 1,4-Dichlorobenzene	7.973	146	163561	44.710	ng	98
14) 1,2-Dichlorobenzene	8.291	146	157098	44.162	ng	96
15) Benzyl Alcohol	8.173	79	107033	29.216	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.461	45	340763	42.590	ng	98
17) 2-Methylphenol	8.379	107	135676	40.231	ng	97
18) Hexachloroethane	9.019	117	57717	44.431	ng	95
19) n-Nitroso-di-n-propyla...	8.743	70	133735	41.226	ng	95
20) 3+4-Methylphenols	8.708	107	193999	41.465	ng	97
22) Acetophenone	8.755	105	251243	43.783	ng	98
24) Nitrobenzene	9.137	77	191297	43.914	ng	98
25) Isophorone	9.660	82	360103	43.963	ng	98
26) 2-Nitrophenol	9.848	139	85469	46.703	ng	96
27) 2,4-Dimethylphenol	9.912	122	125065	38.788	ng	97
28) bis(2-Chloroethoxy)met...	10.141	93	191300	41.535	ng	98
29) 2,4-Dichlorophenol	10.382	162	161488	46.162	ng	99
30) 1,2,4-Trichlorobenzene	10.600	180	165589	44.158	ng	98
31) Naphthalene	10.788	128	470479	43.172	ng	98
32) Benzoic acid	10.047	122	117685	45.090	ng	96
34) Hexachlorobutadiene	11.076	225	115814	43.444	ng	99
35) Caprolactam	11.657	113	58119m	45.028	ng	
36) 4-Chloro-3-methylphenol	12.016	107	201173	47.579	ng	99
37) 2-Methylnaphthalene	12.392	142	352773	42.790	ng	100
38) 1-Methylnaphthalene	12.609	142	330070	42.409	ng	96
40) 1,2,4,5-Tetrachloroben...	12.762	216	232091	44.250	ng	98
41) Hexachlorocyclopentadiene	12.744	237	266618	99.413	ng	98
43) 2,4,6-Trichlorophenol	12.997	196	171271	46.959	ng	98
44) 2,4,5-Trichlorophenol	13.073	196	196938	44.774	ng	97

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 QLast Update : Thu Apr 18 02:02:19 2024
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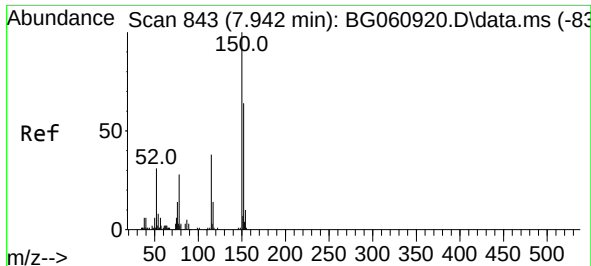
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.402	154	526114	45.523	ng	98
47) 2-Chloronaphthalene	13.444	162	414326	46.841	ng	98
48) 2-Nitroaniline	13.637	65	141294	38.926	ng	97
49) Acenaphthylene	14.290	152	716410	47.897	ng	99
50) Dimethylphthalate	14.031	163	640367	47.477	ng	99
51) 2,6-Dinitrotoluene	14.143	165	129691	47.177	ng	97
52) Acenaphthene	14.636	154	409936	45.191	ng	97
53) 3-Nitroaniline	14.466	138	16847	5.583	ng	91
54) 2,4-Dinitrophenol	14.677	184	187861	105.137	ng	96
55) Dibenzofuran	14.971	168	698771	45.601	ng	99
56) 4-Nitrophenol	14.783	139	224892	97.336	ng	97
57) 2,4-Dinitrotoluene	14.930	165	197726	50.333	ng	95
58) Fluorene	15.617	166	586897	46.174	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.194	232	196356	48.594	ng	98
60) Diethylphthalate	15.394	149	628821	46.546	ng	98
61) 4-Chlorophenyl-phenyle...	15.612	204	315204	44.736	ng	95
62) 4-Nitroaniline	15.629	138	61242	18.874	ng	93
63) Azobenzene	15.905	77	562615	44.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.694	198	133515	51.303	ng	98
66) n-Nitrosodiphenylamine	15.823	169	147450	11.515	ng	99
67) 4-Bromophenyl-phenylether	16.511	248	226944	43.429	ng	95
68) Hexachlorobenzene	16.622	284	263387	46.321	ng	99
70) Pentachlorophenol	16.969	266	368218	95.620	ng	99
71) Phenanthrene	17.357	178	1062838	45.013	ng	98
72) Anthracene	17.451	178	1094706	45.136	ng	98
73) Carbazole	17.715	167	252489	11.949	ng	100
74) Di-n-butylphthalate	18.291	149	1151657	45.269	ng	99
75) Fluoranthene	19.372	202	1305197	43.429	ng	99
78) Pyrene	19.730	202	1325130	44.477	ng	99
80) Butylbenzylphthalate	20.629	149	506306	46.267	ng	99
81) Benzo(a)anthracene	21.558	228	1384823	45.153	ng	100
83) Chrysene	21.622	228	1336903	45.655	ng	100
84) Bis(2-ethylhexyl)phtha...	21.487	149	738141	45.616	ng	99
85) Di-n-octyl phthalate	22.674	149	1279454	45.824	ng	100
87) Indeno(1,2,3-cd)pyrene	28.238	276	1405822	71.810	ng	98
88) Benzo(b)fluoranthene	23.714	252	1373422	85.743	ng	99
89) Benzo(k)fluoranthene	23.778	252	1320169	80.564	ng	99
90) Benzo(a)pyrene	24.548	252	997860	63.186	ng	99
91) Dibenzo(a,h)anthracene	28.303	278	1307925	81.163	ng	99
92) Benzo(g,h,i)perylene	29.337	276	997493	63.315	ng	96

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

Manual Integrations

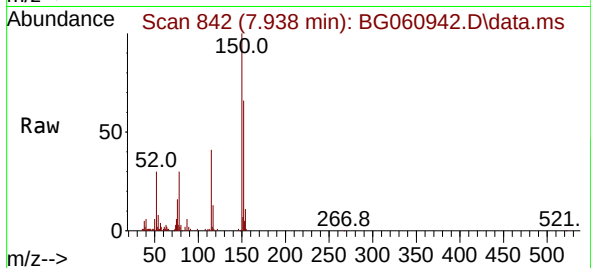
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

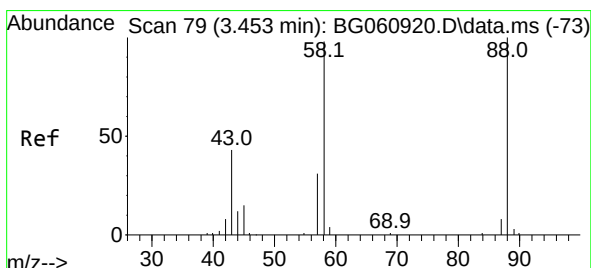
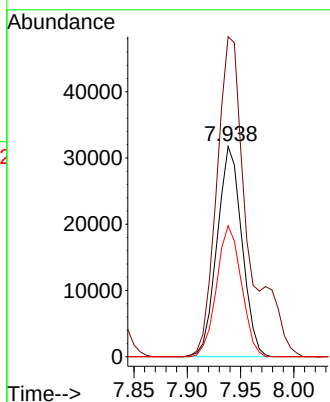
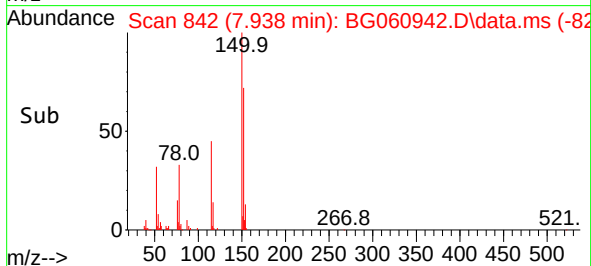
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD



Tgt Ion:152 Resp: 51350
Ion Ratio Lower Upper
152 100
150 152.2 125.6 188.4
115 62.2 47.1 70.7

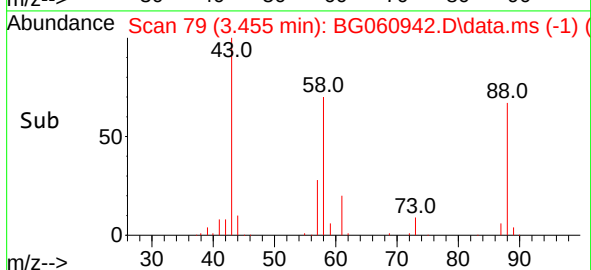
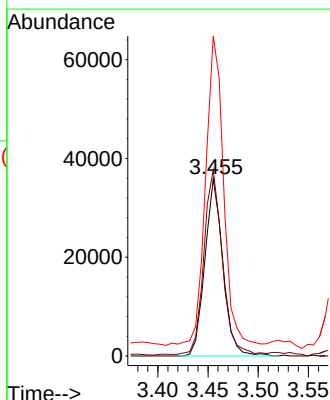
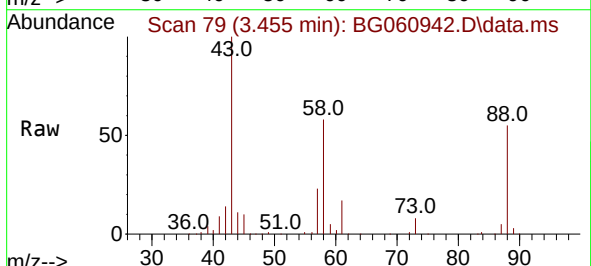
Manual Integrations
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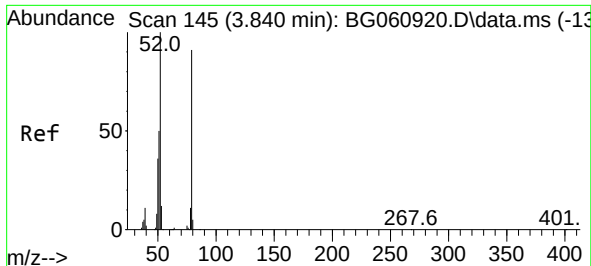
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#2
1,4-Dioxane
Concen: 37.586 ng
RT: 3.455 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

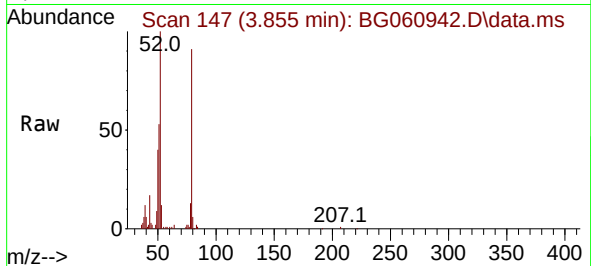
Tgt Ion: 88 Resp: 44918
Ion Ratio Lower Upper
88 100
58 107.5 82.1 123.1
43 176.8 35.2 52.8#





#3
Pyridine
Concen: 34.948 ng
RT: 3.855 min Scan# 145
Delta R.T. 0.014 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

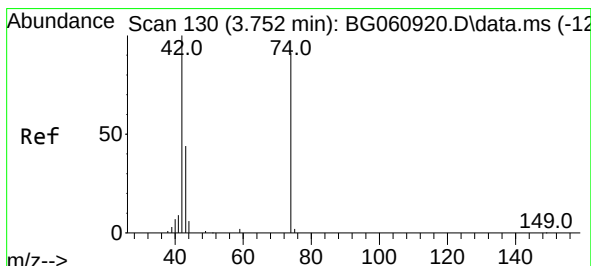
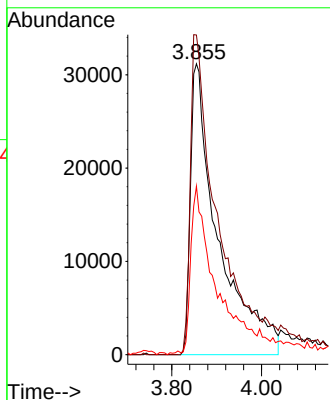
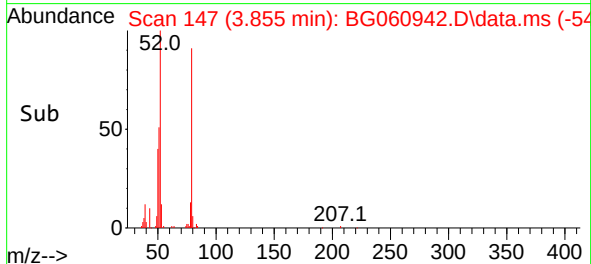
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD



Tgt Ion: 79 Resp: 13288
Ion Ratio Lower Upper
79 100
52 109.9 87.8 131.8
51 57.9 44.1 66.1

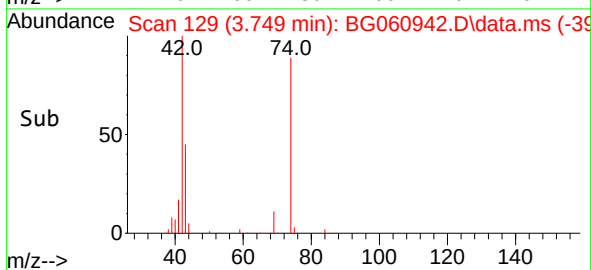
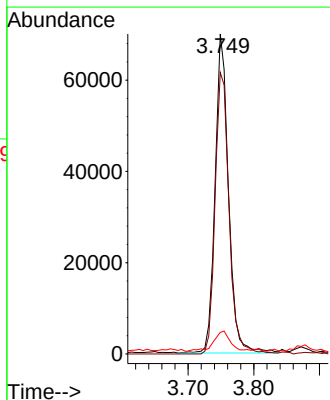
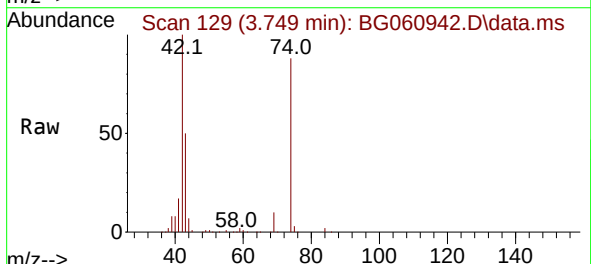
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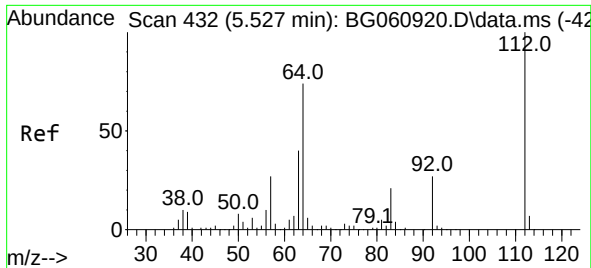
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#4
n-Nitrosodimethylamine
Concen: 40.845 ng
RT: 3.749 min Scan# 129
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion: 42 Resp: 99102
Ion Ratio Lower Upper
42 100
74 88.0 73.2 109.8
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 129.257 ng
RT: 5.529 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

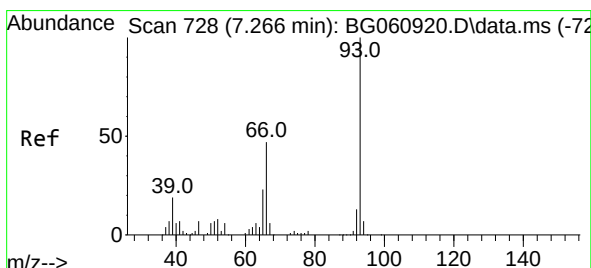
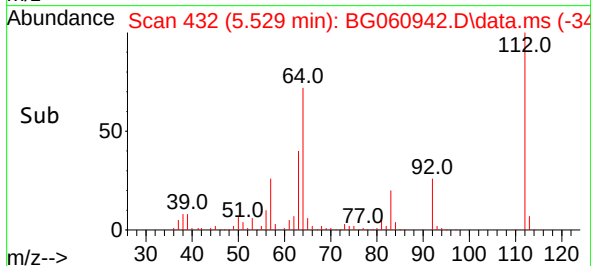
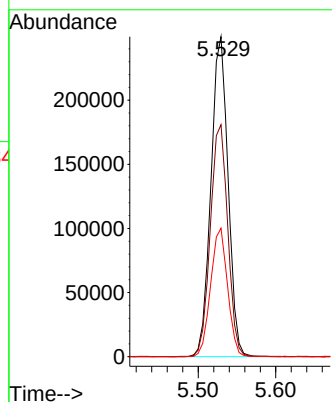
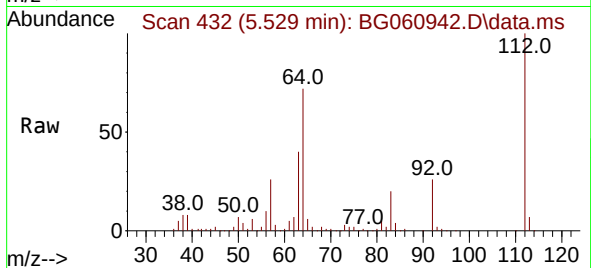
ClientSampleId :

ARCOLA-SP-1MSD

Tgt Ion:112 Resp: 38212
Ion Ratio Lower Upper
112 100
64 72.5 58.9 88.3
63 40.2 32.1 48.1

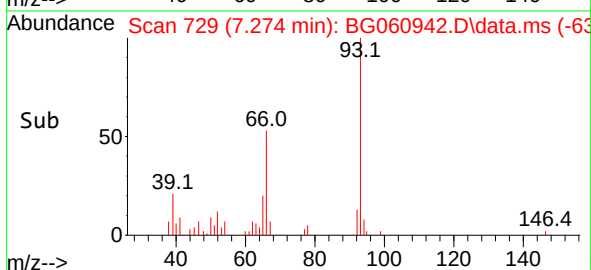
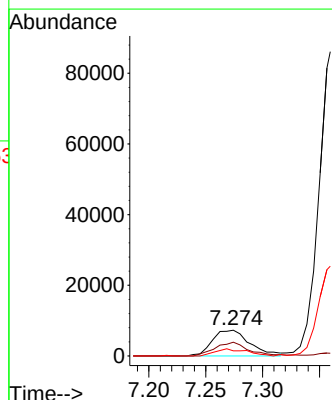
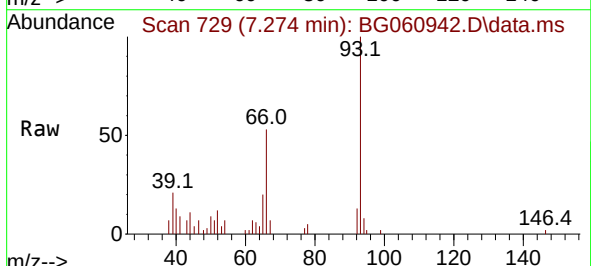
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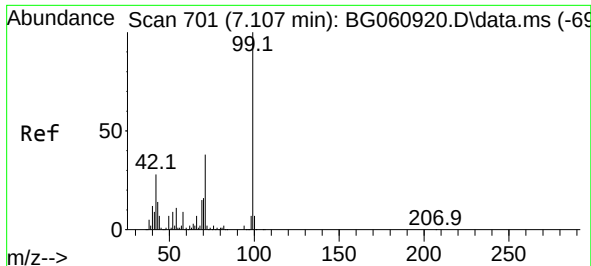
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#6
Aniline
Concen: 3.230 ng
RT: 7.274 min Scan# 729
Delta R.T. 0.008 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion: 93 Resp: 16758
Ion Ratio Lower Upper
93 100
66 53.3 37.8 56.8
65 19.9 18.7 28.1





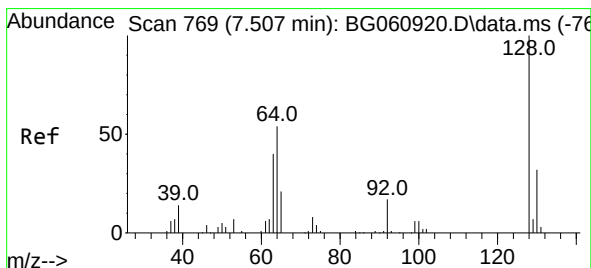
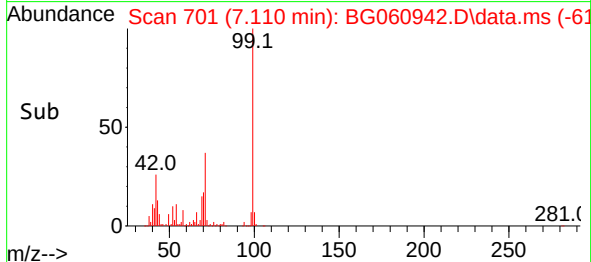
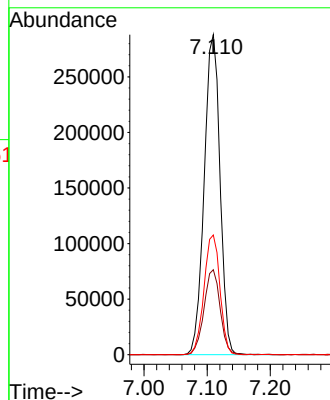
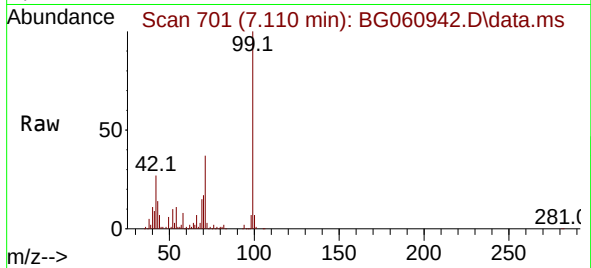
#7
Phenol-d6
Concen: 117.903 ng
RT: 7.110 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

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Tgt Ion: 99 Resp: 50212
Ion Ratio Lower Upper
99 100
42 26.5 22.2 33.2
71 37.4 30.5 45.7

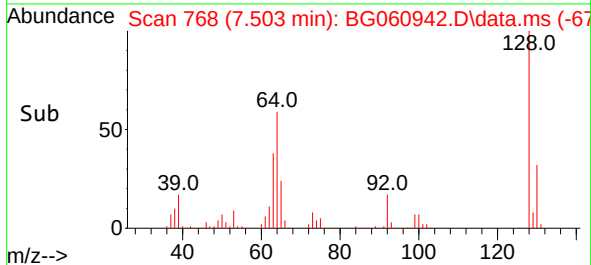
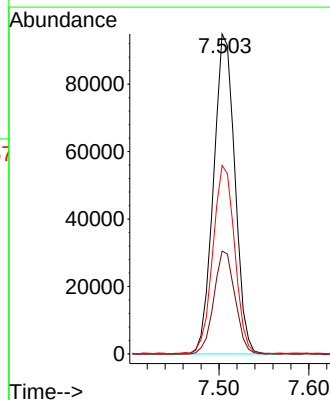
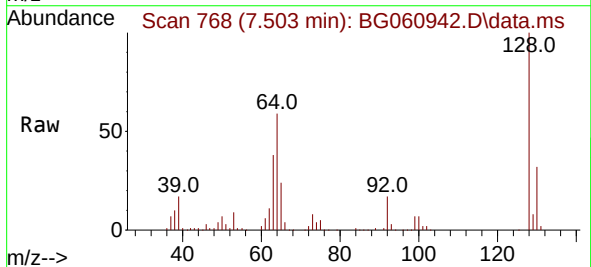
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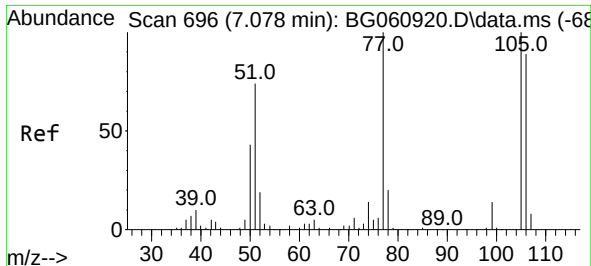
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#8
2-Chlorophenol
Concen: 46.530 ng
RT: 7.503 min Scan# 768
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:128 Resp: 156489
Ion Ratio Lower Upper
128 100
130 32.2 11.7 51.7
64 58.9 37.8 77.8





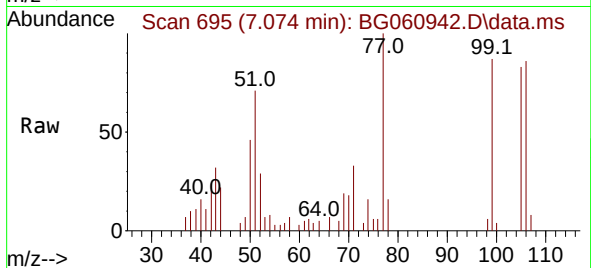
#9
Benzaldehyde
Concen: 3.806 ng
RT: 7.074 min Scan# 695
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

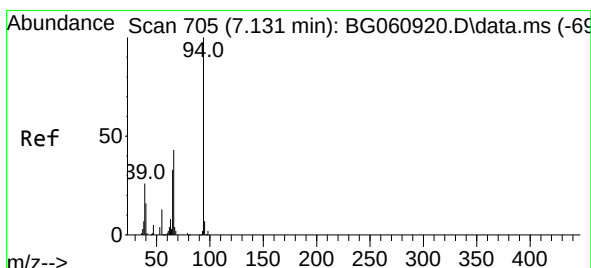
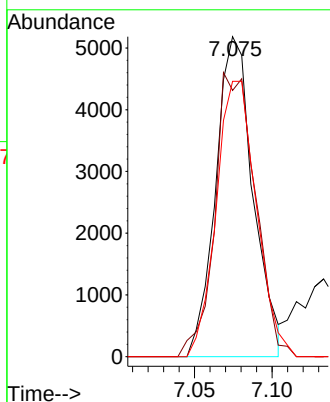
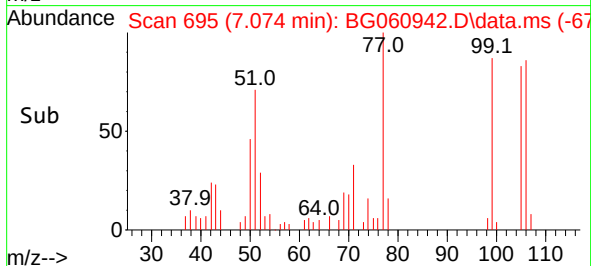
ARCOLA-SP-1MSD



Tgt Ion: 77 Resp: 870
Ion Ratio Lower Upper
77 100
105 83.2 79.9 119.9
106 86.1 69.3 109.3

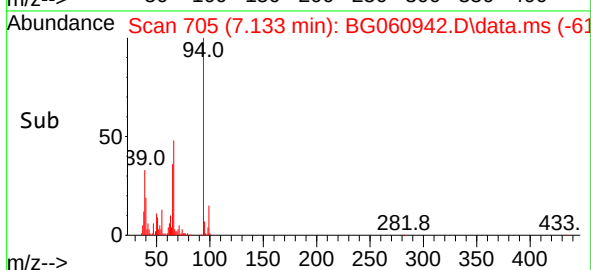
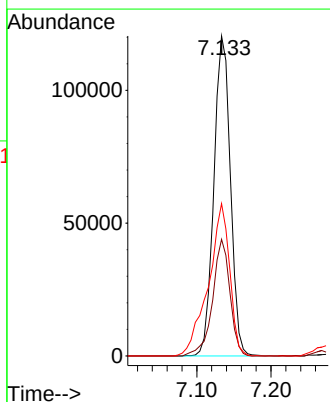
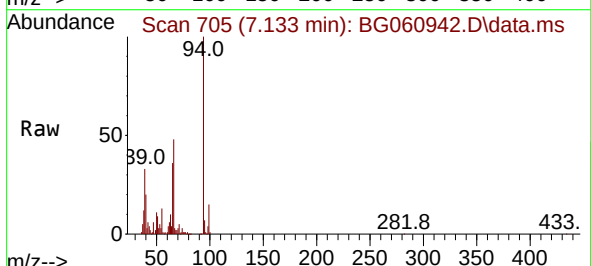
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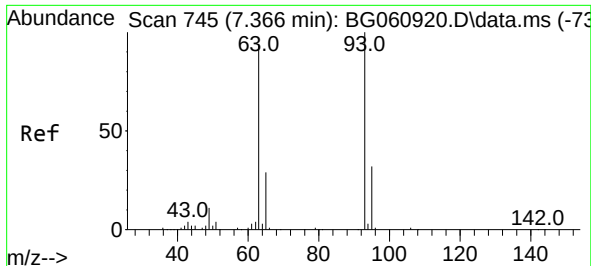
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#10
Phenol
Concen: 43.661 ng
RT: 7.133 min Scan# 705
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion: 94 Resp: 186354
Ion Ratio Lower Upper
94 100
65 36.5 13.6 53.6
66 47.6 24.3 64.3





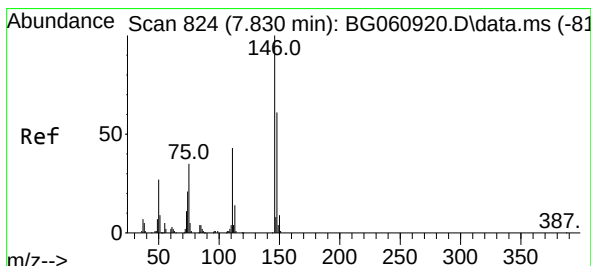
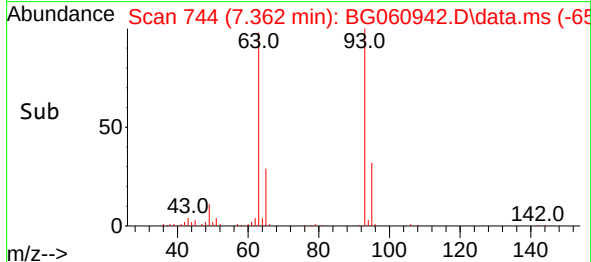
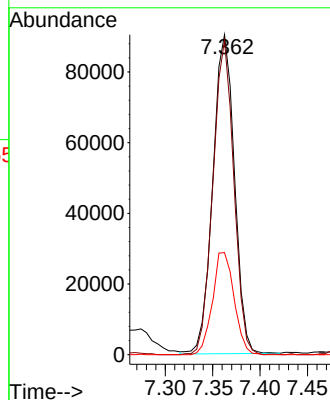
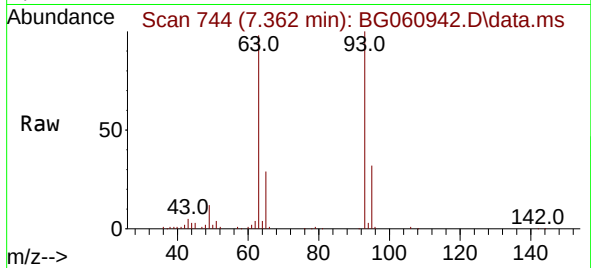
#11
bis(2-Chloroethyl)ether
Concen: 43.137 ng
RT: 7.362 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

Tgt Ion: 93 Resp: 14281
Ion Ratio Lower Upper
93 100
63 98.2 74.0 114.0
95 31.9 12.7 52.7

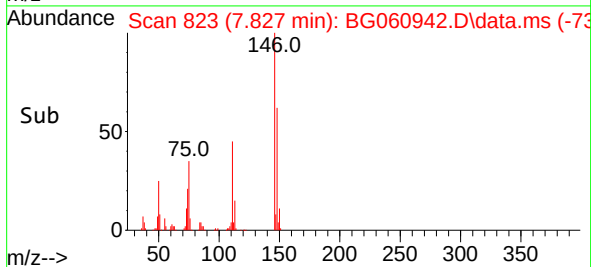
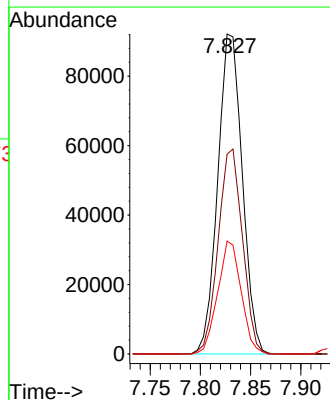
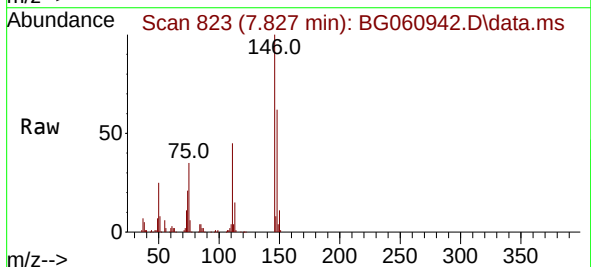
Manual Integrations
APPROVED

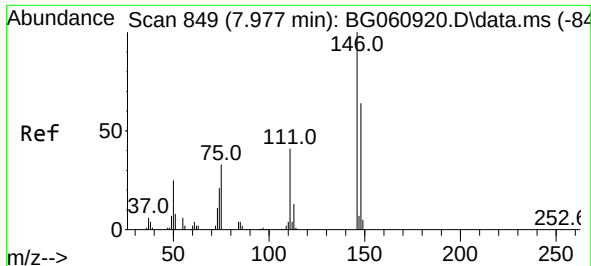
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
1,3-Dichlorobenzene
Concen: 43.863 ng
RT: 7.827 min Scan# 823
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:146 Resp: 156743
Ion Ratio Lower Upper
146 100
148 62.5 49.0 73.6
75 35.3 27.8 41.6





#13

1,4-Dichlorobenzene

Concen: 44.710 ng

RT: 7.973 min Scan# 84

Delta R.T. -0.003 min

Lab File: BG060942.D

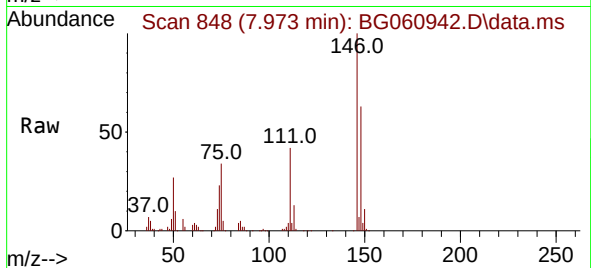
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



Tgt Ion:146 Resp: 16356

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

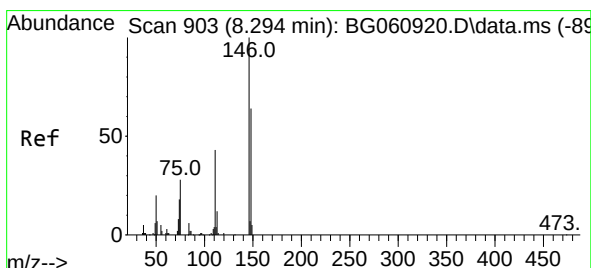
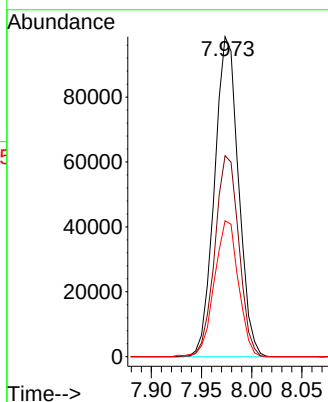
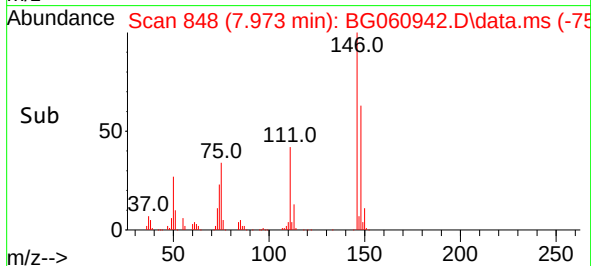
111 42.4 32.8 49.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#14

1,2-Dichlorobenzene

Concen: 44.162 ng

RT: 8.291 min Scan# 902

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

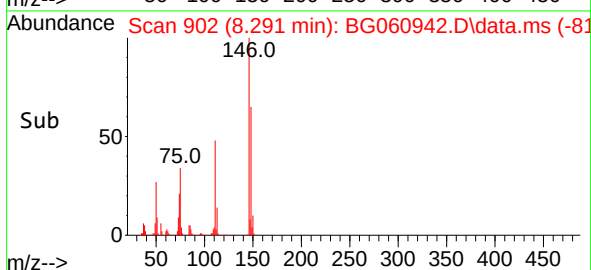
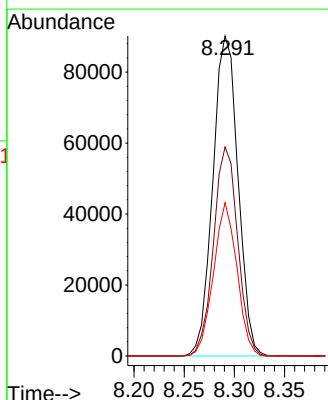
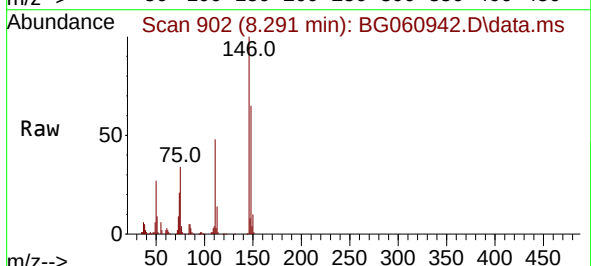
Tgt Ion:146 Resp: 157098

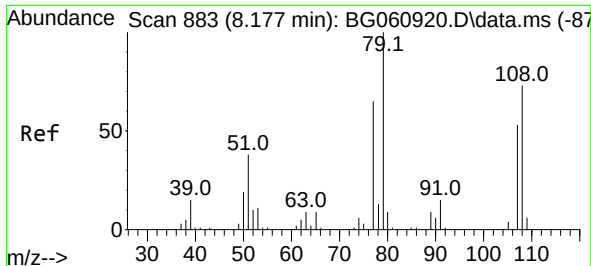
Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.4

111 47.9 35.2 52.8





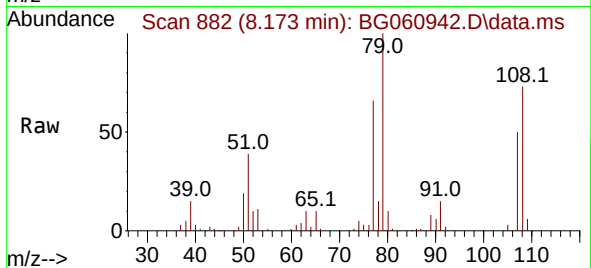
#15
Benzyl Alcohol
Concen: 29.216 ng
RT: 8.173 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

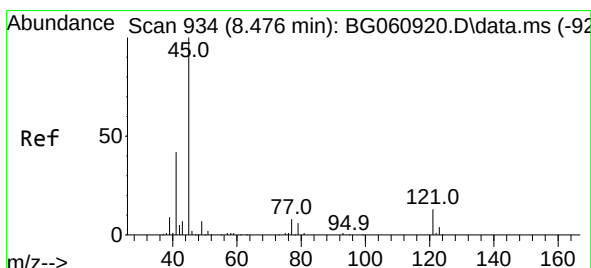
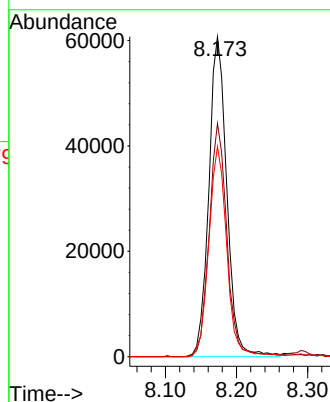
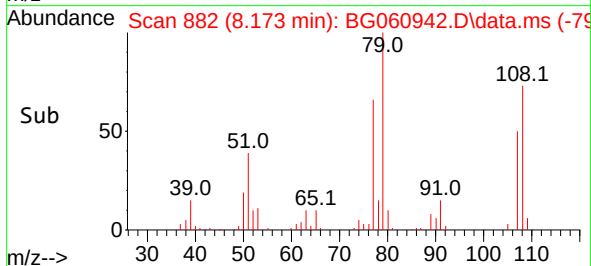
ARCOLA-SP-1MSD



Tgt Ion: 79 Resp: 10703
Ion Ratio Lower Upper
79 100
108 72.9 58.6 87.8
77 65.6 51.9 77.9

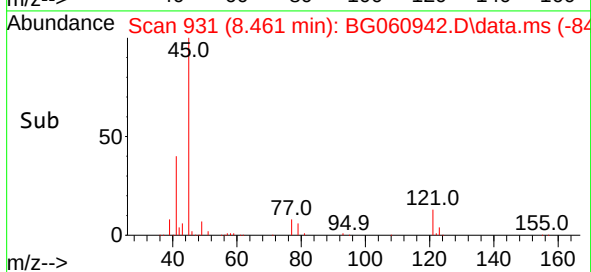
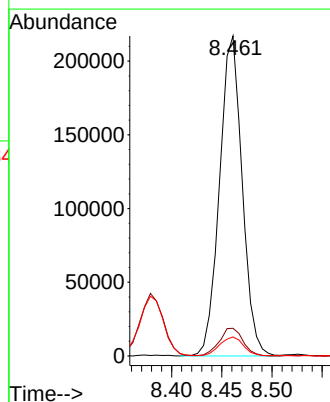
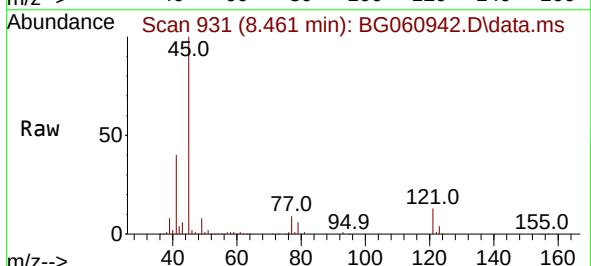
Manual Integrations
APPROVED

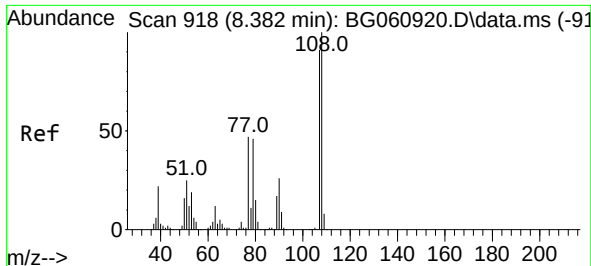
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.590 ng
RT: 8.461 min Scan# 931
Delta R.T. -0.015 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

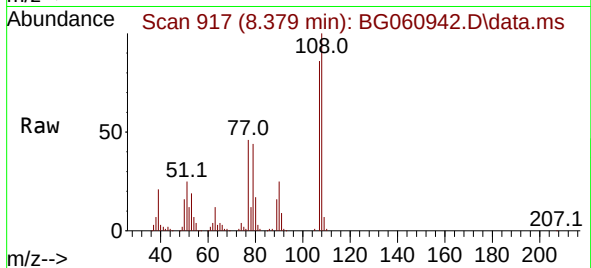
Tgt Ion: 45 Resp: 340763
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.0
79 5.9 0.0 27.2





#17
2-Methylphenol
Concen: 40.231 ng
RT: 8.379 min Scan# 917
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

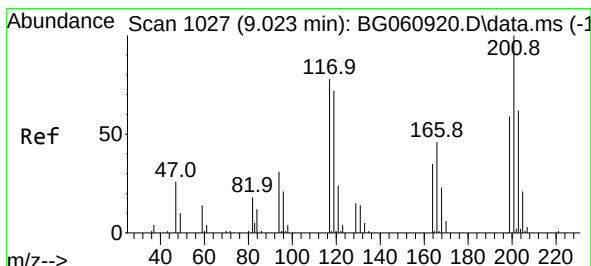
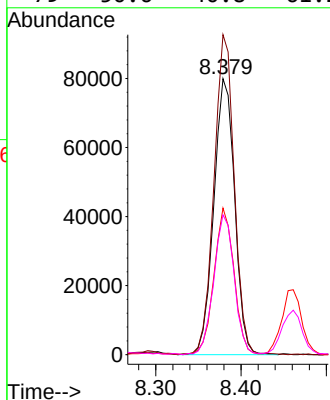
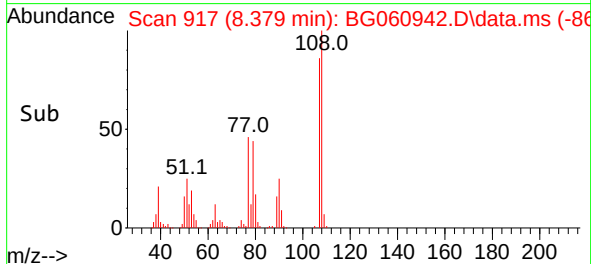
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD



Tgt Ion:	107	Resp:	135670
Ion	Ratio	Lower	Upper
107	100		
108	115.9	88.3	132.5
77	53.1	41.4	62.0
79	50.6	40.8	61.2

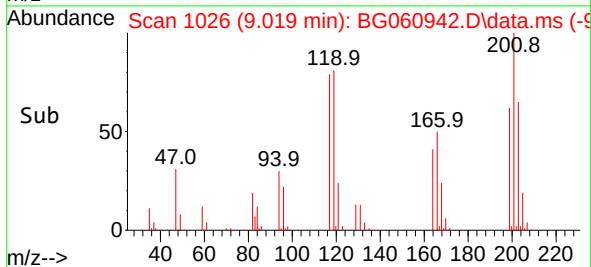
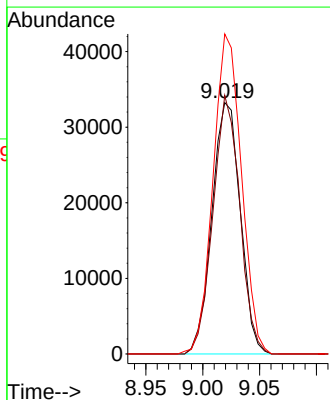
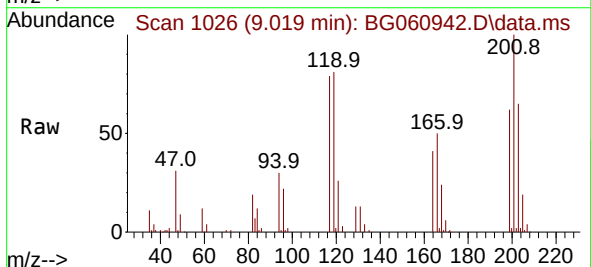
Manual Integrations
APPROVED

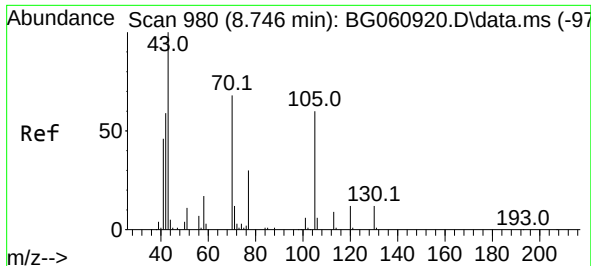
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#18
Hexachloroethane
Concen: 44.431 ng
RT: 9.019 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

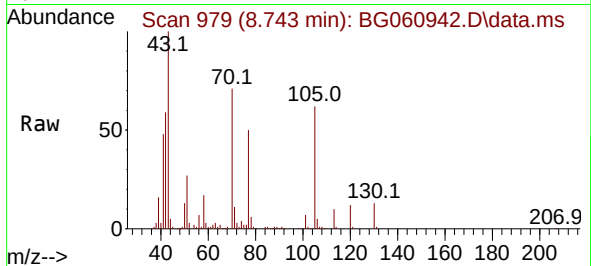
Tgt Ion:	117	Resp:	57717
Ion	Ratio	Lower	Upper
117	100		
119	102.8	73.8	110.6
201	127.3	102.9	154.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.226 ng
RT: 8.743 min Scan# 911
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

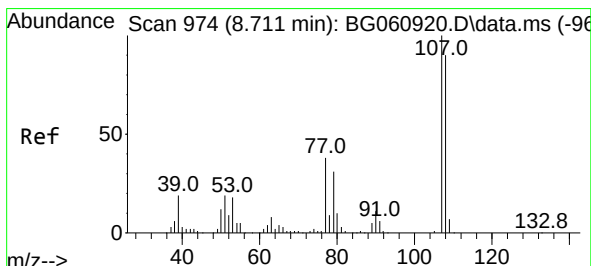
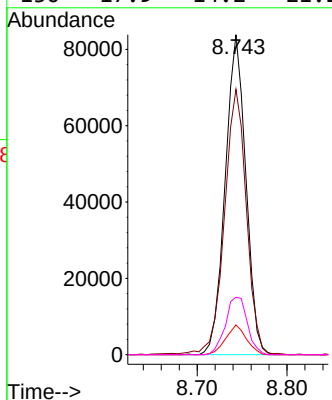
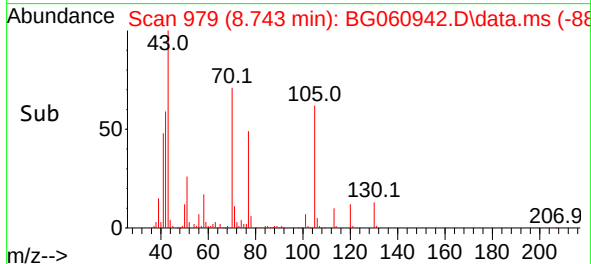
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD



Tgt Ion: 70 Resp: 133735
Ion Ratio Lower Upper
70 100
42 82.9 70.9 106.3
101 9.3 7.0 10.4
130 17.9 14.2 21.2

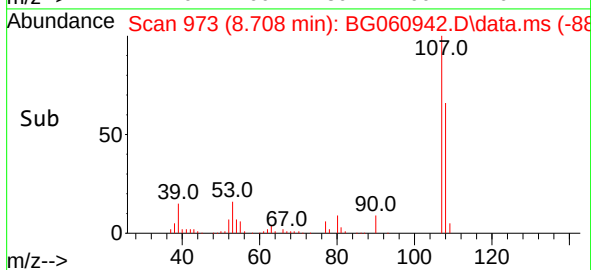
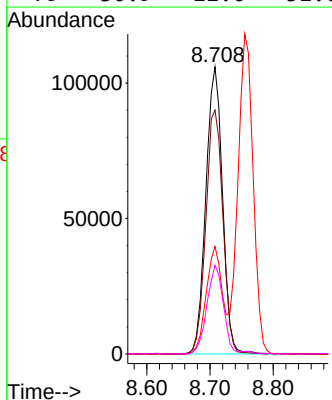
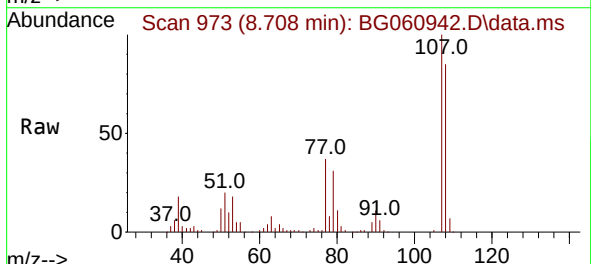
Manual Integrations
APPROVED

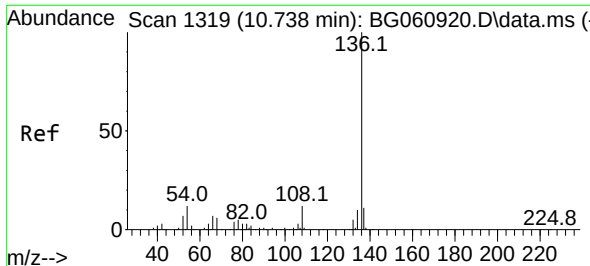
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
3+4-Methylphenols
Concen: 41.465 ng
RT: 8.708 min Scan# 973
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:107 Resp: 193999
Ion Ratio Lower Upper
107 100
108 85.0 69.9 109.9
77 37.5 17.5 57.5
79 30.9 11.0 51.0





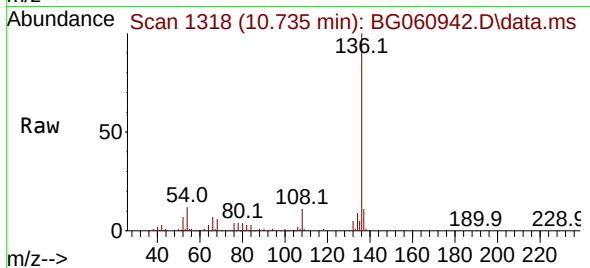
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1318
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



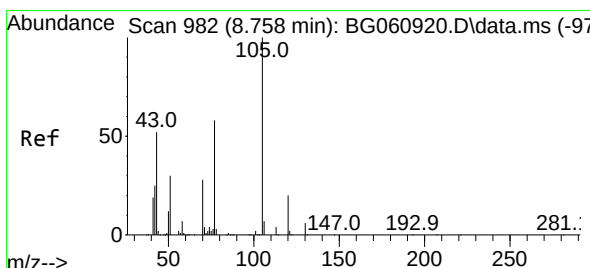
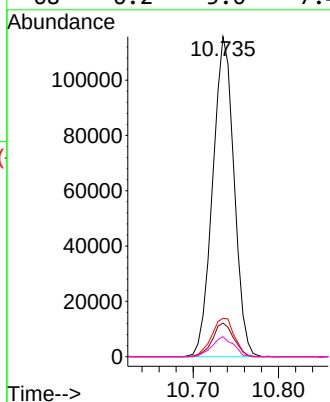
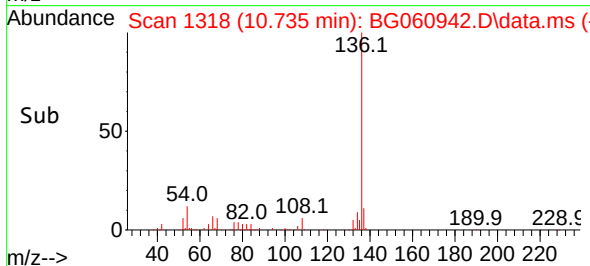
Tgt Ion:136 Resp: 20150
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 12.0 9.8 14.8
68 6.2 5.0 7.4

Manual Integrations

APPROVED

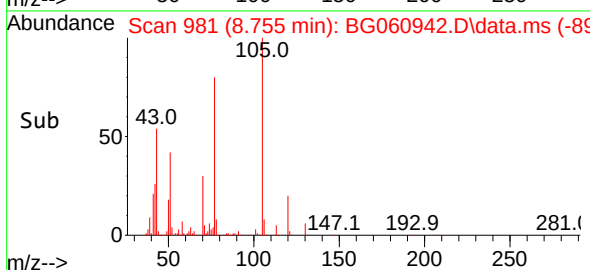
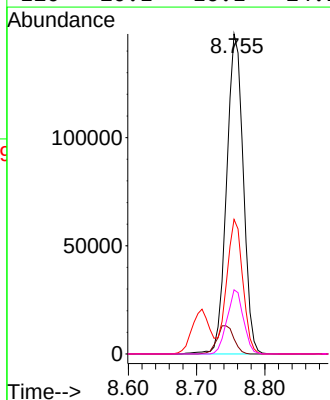
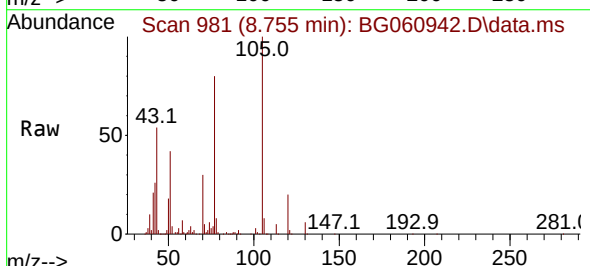
Reviewed By :Yogesh Patel 04/22/2024

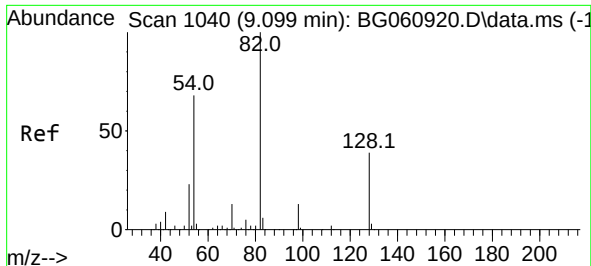
Supervised By :mohammad ahmed 04/22/2024



#22
Acetophenone
Concen: 43.783 ng
RT: 8.755 min Scan# 981
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:105 Resp: 251243
Ion Ratio Lower Upper
105 100
71 4.7 3.8 5.6
51 42.0 32.1 48.1
120 20.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 87.292 ng

RT: 9.096 min Scan# 1039

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

Tgt Ion: 82 Resp: 387450

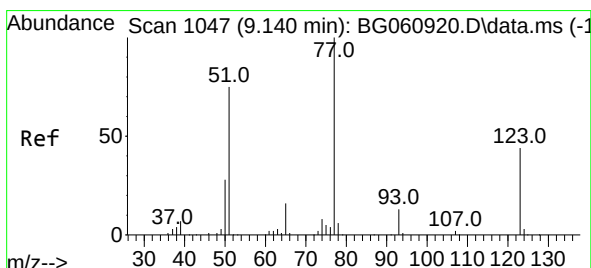
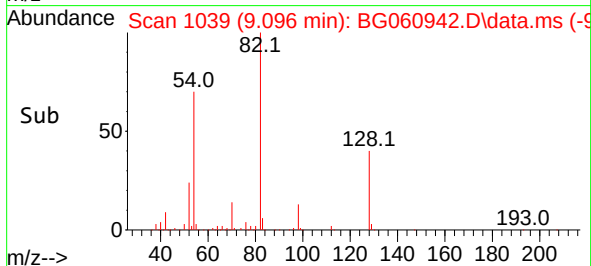
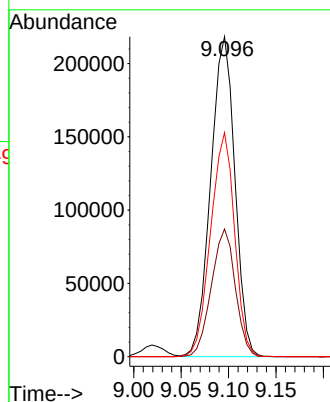
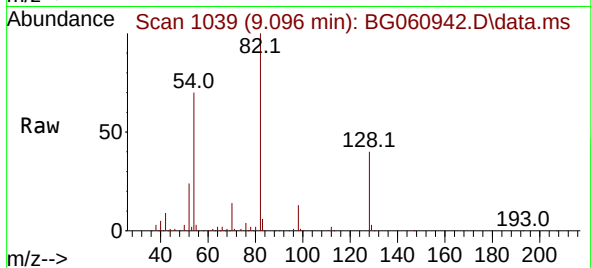
Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.4	47.0
54	70.0	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#24

Nitrobenzene

Concen: 43.914 ng

RT: 9.137 min Scan# 1046

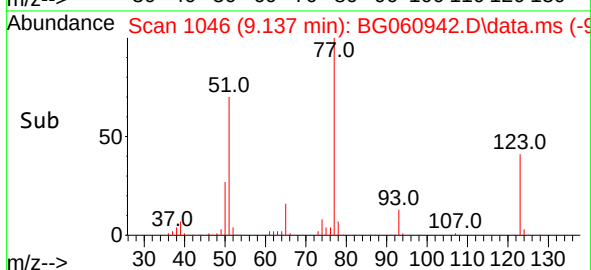
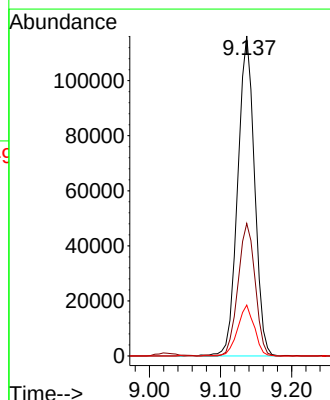
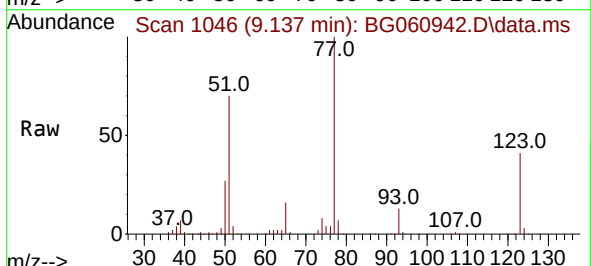
Delta R.T. -0.003 min

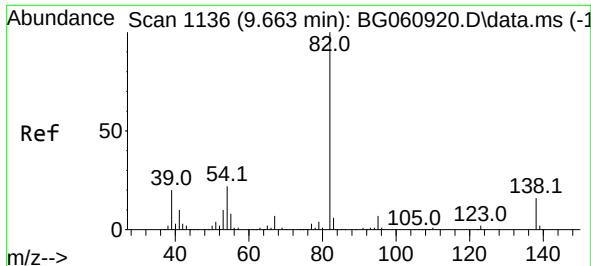
Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

Tgt Ion: 77 Resp: 191297

Ion	Ratio	Lower	Upper
77	100		
123	41.4	34.8	52.2
65	15.9	12.6	19.0





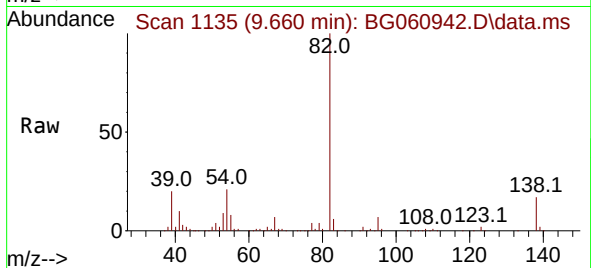
#25
Isophorone
Concen: 43.963 ng
RT: 9.660 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

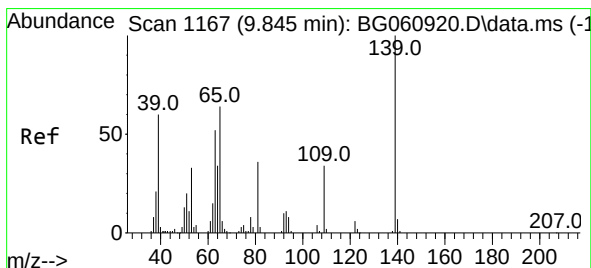
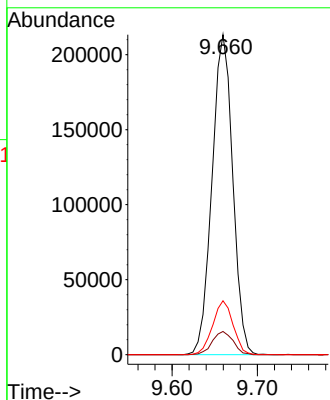
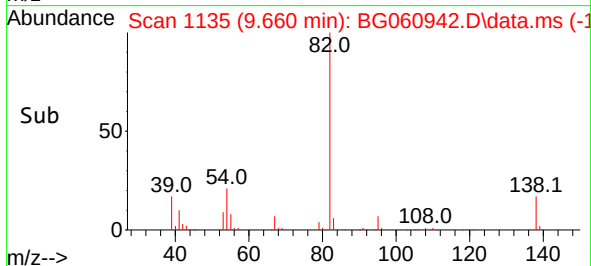


Tgt Ion: 82 Resp: 36010
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.9 12.7 19.1

Manual Integrations

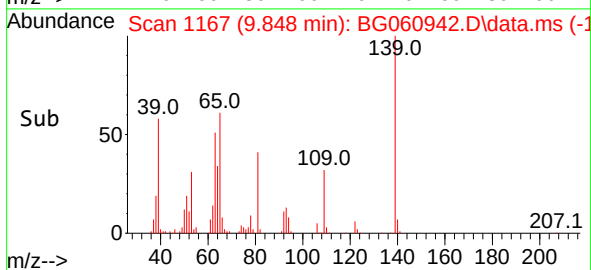
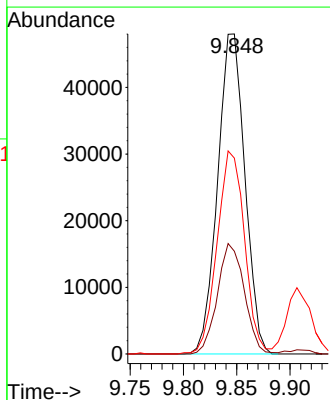
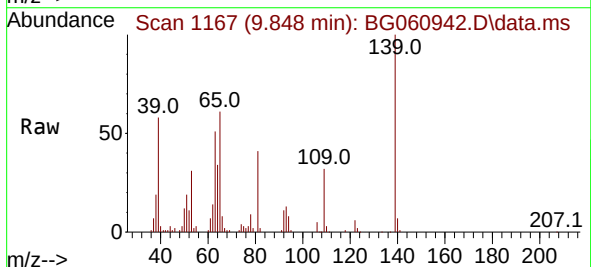
APPROVED

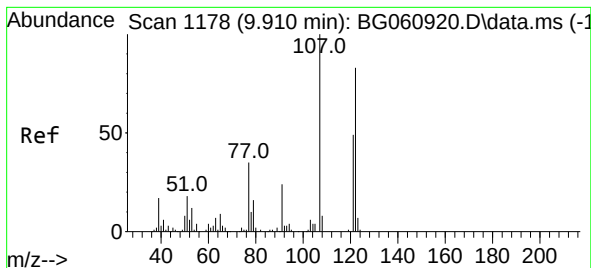
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#26
2-Nitrophenol
Concen: 46.703 ng
RT: 9.848 min Scan# 1167
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:139 Resp: 85469
Ion Ratio Lower Upper
139 100
109 32.1 26.9 40.3
65 61.2 51.4 77.2





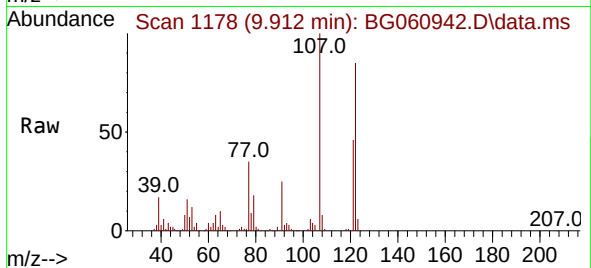
#27
2,4-Dimethylphenol
Concen: 38.788 ng
RT: 9.912 min Scan# 1178
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



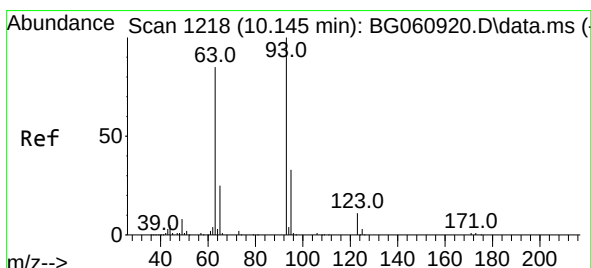
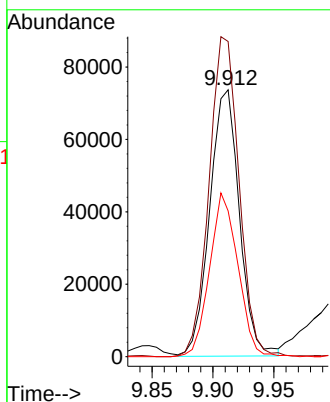
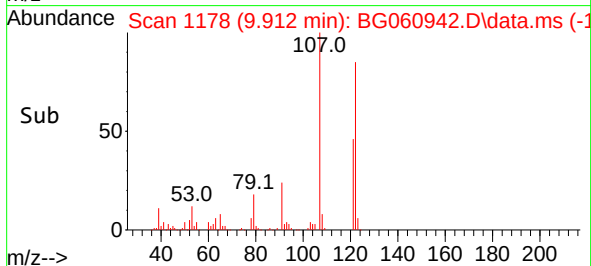
Tgt Ion:122 Resp: 12506
Ion Ratio Lower Upper
122 100
107 118.1 96.6 144.8
121 54.6 47.0 70.4

Manual Integrations

APPROVED

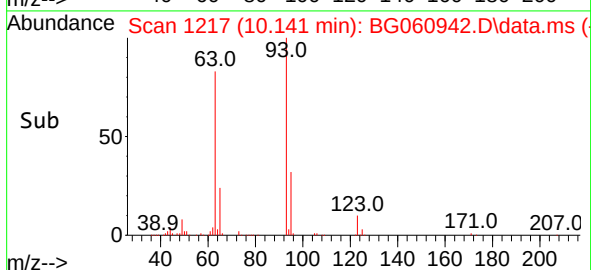
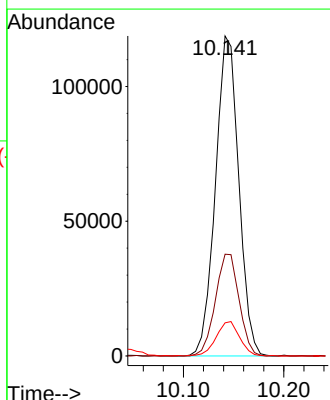
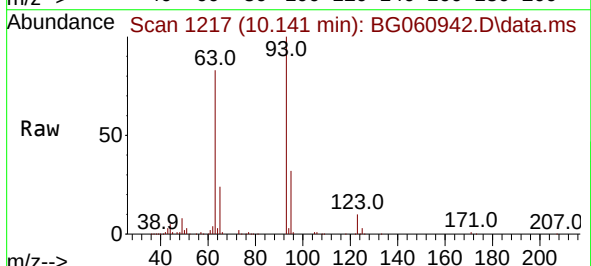
Reviewed By :Yogesh Patel 04/22/2024

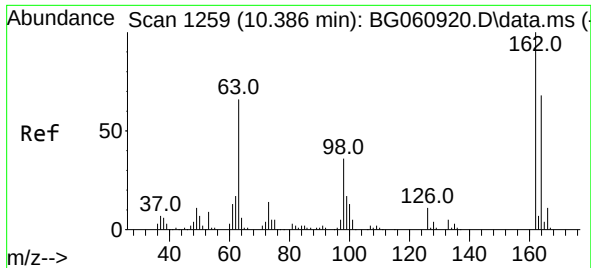
Supervised By :mohammad ahmed 04/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.535 ng
RT: 10.141 min Scan# 1217
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion: 93 Resp: 191300
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.4
123 10.3 8.9 13.3





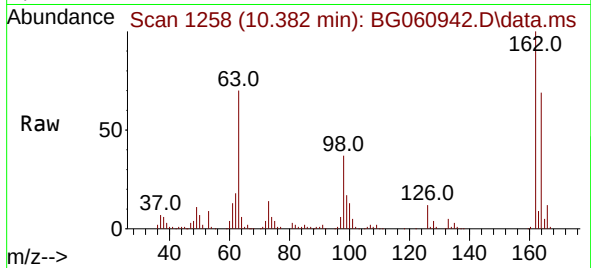
#29
2,4-Dichlorophenol
Concen: 46.162 ng
RT: 10.382 min Scan# 1258
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



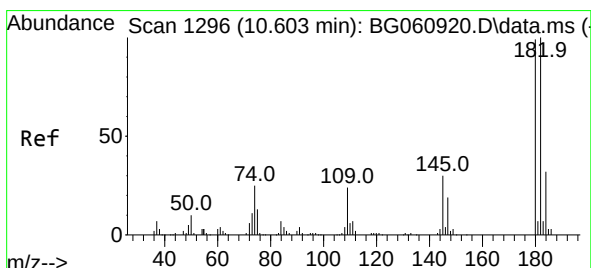
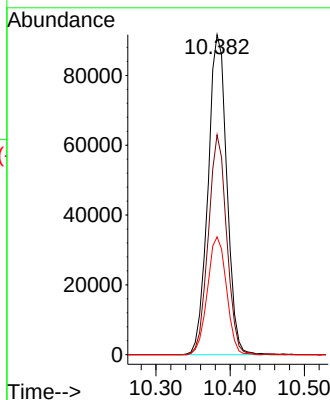
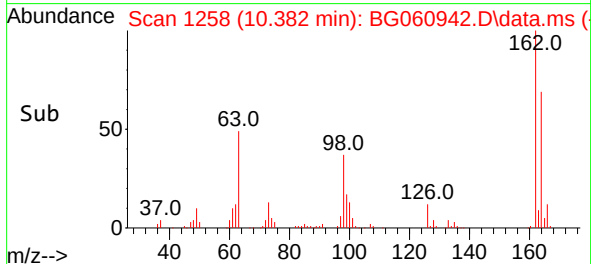
Tgt Ion:162 Resp: 161488
Ion Ratio Lower Upper
162 100
164 68.7 48.1 88.1
98 36.8 16.1 56.1

Manual Integrations

APPROVED

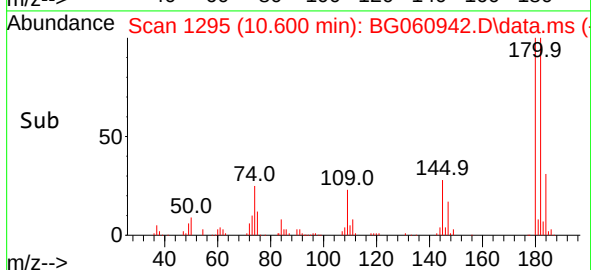
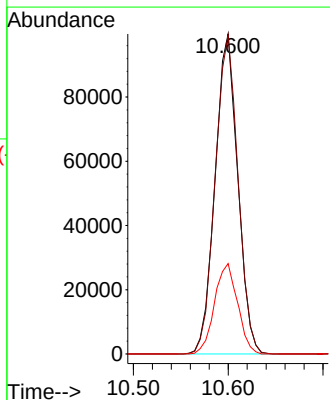
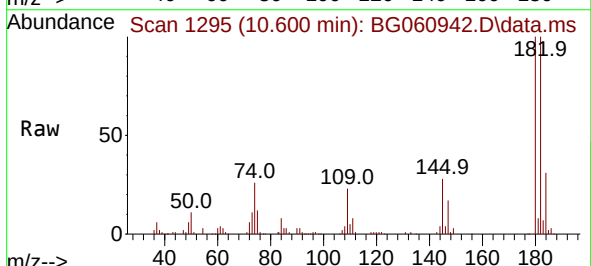
Reviewed By :Yogesh Patel 04/22/2024

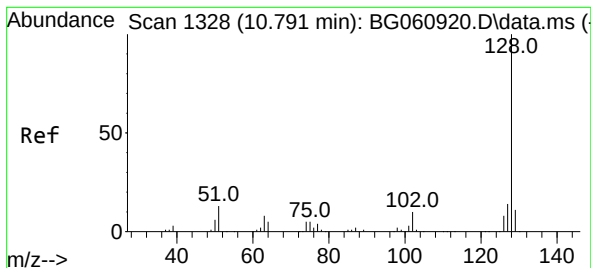
Supervised By :mohammad ahmed 04/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.158 ng
RT: 10.600 min Scan# 1295
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:180 Resp: 165589
Ion Ratio Lower Upper
180 100
182 99.8 81.0 121.4
145 28.3 24.1 36.1





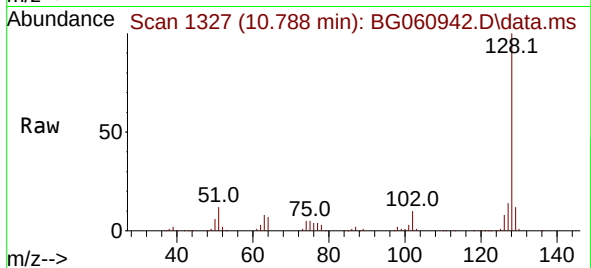
#31
Naphthalene
Concen: 43.172 ng
RT: 10.788 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



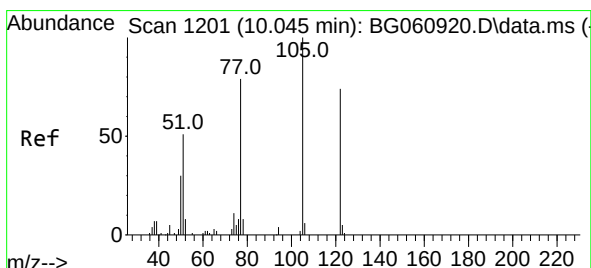
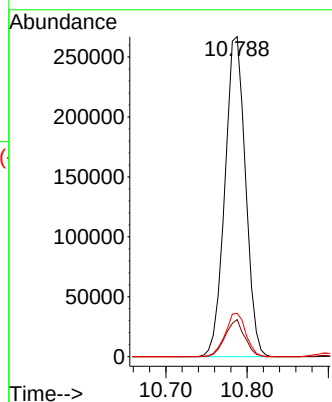
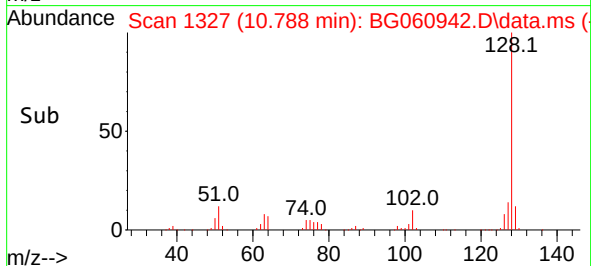
Tgt Ion:128 Resp: 470479
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.6 11.3 16.9

Manual Integrations

APPROVED

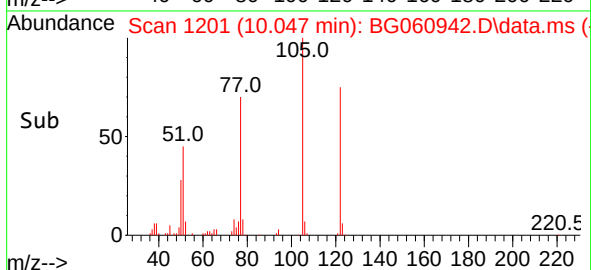
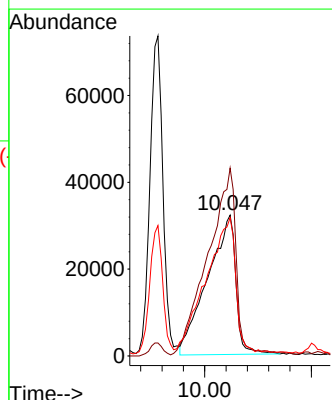
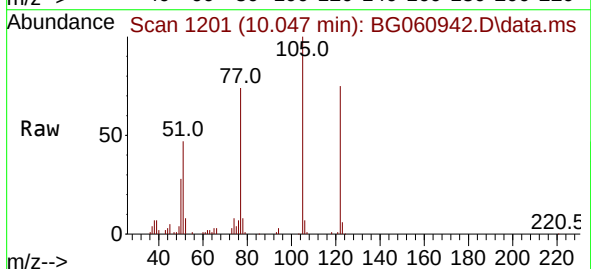
Reviewed By :Yogesh Patel 04/22/2024

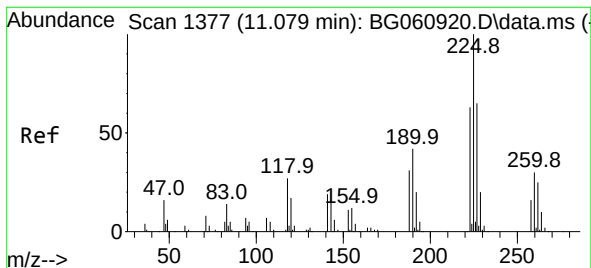
Supervised By :mohammad ahmed 04/22/2024



#32
Benzoic acid
Concen: 45.090 ng
RT: 10.047 min Scan# 1201
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:122 Resp: 117685
Ion Ratio Lower Upper
122 100
105 133.5 109.8 149.8
77 98.3 84.1 124.1





#34
Hexachlorobutadiene
Concen: 43.444 ng
RT: 11.076 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

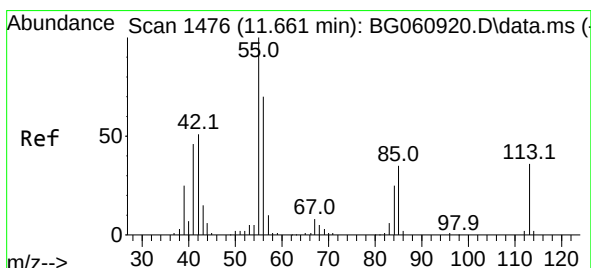
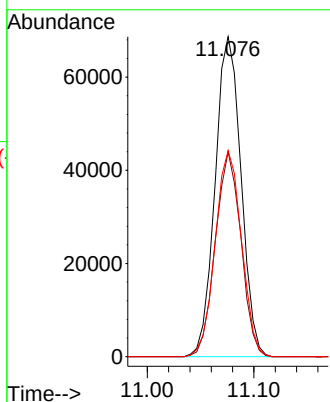
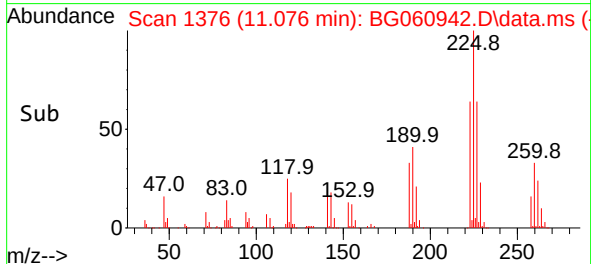
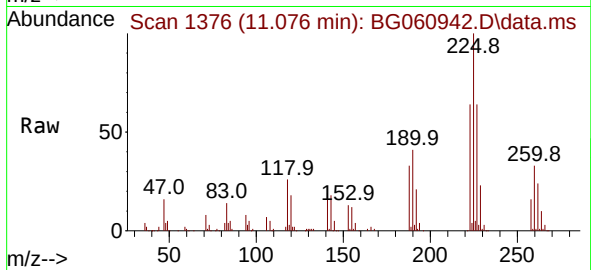
ARCOLA-SP-1MSD

Tgt Ion:225 Resp: 115814
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.2
227 64.4 51.7 77.5

Manual Integrations

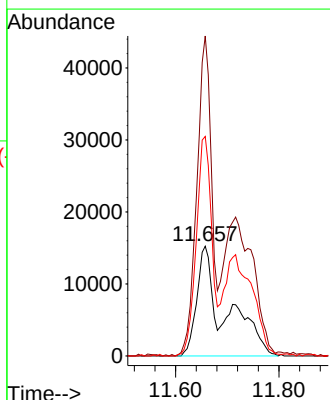
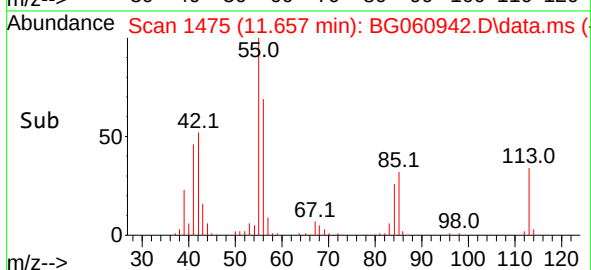
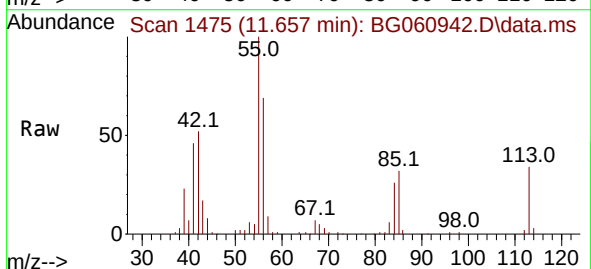
APPROVED

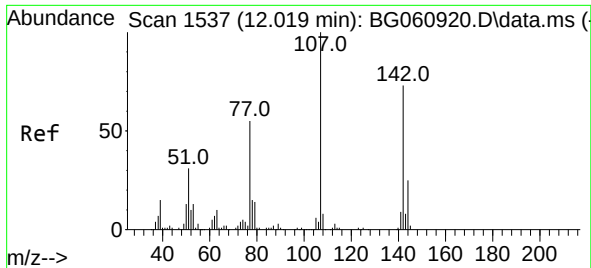
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#35
Caprolactam
Concen: 45.028 ng m
RT: 11.657 min Scan# 1475
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

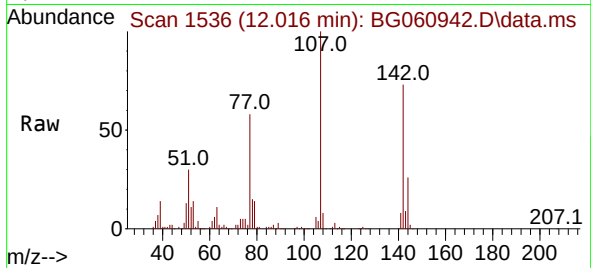
Tgt Ion:113 Resp: 58119
Ion Ratio Lower Upper
113 100
55 291.3 262.6 302.6
56 199.9 177.0 217.0





#36
4-Chloro-3-methylphenol
Concen: 47.579 ng
RT: 12.016 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

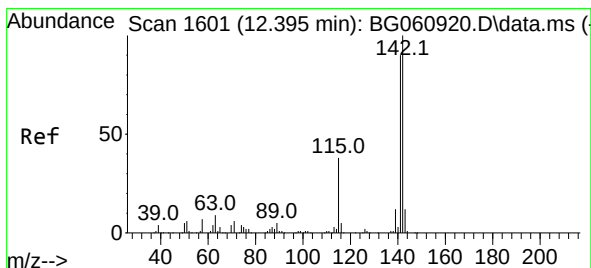
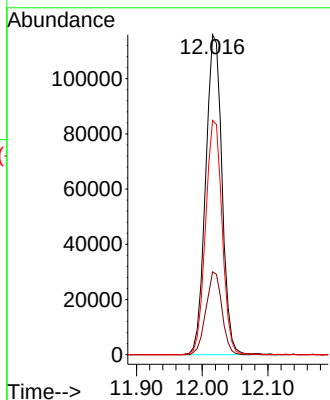
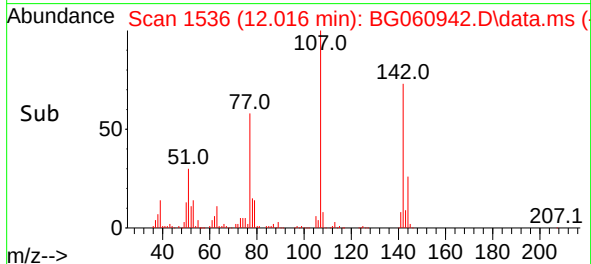
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD



Tgt Ion:107 Resp: 201173
Ion Ratio Lower Upper
107 100
144 25.9 19.7 29.5
142 73.2 58.2 87.2

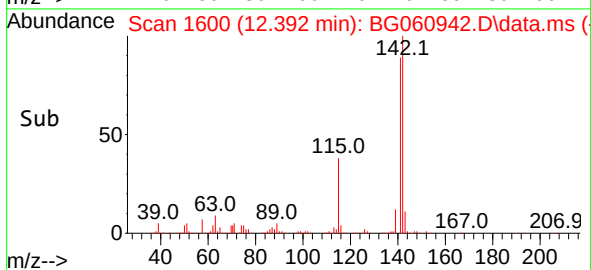
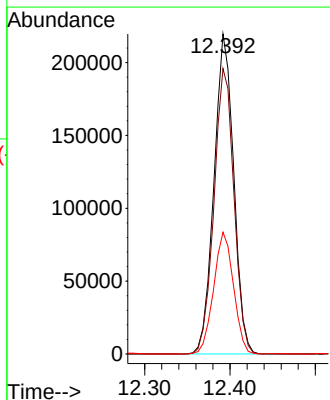
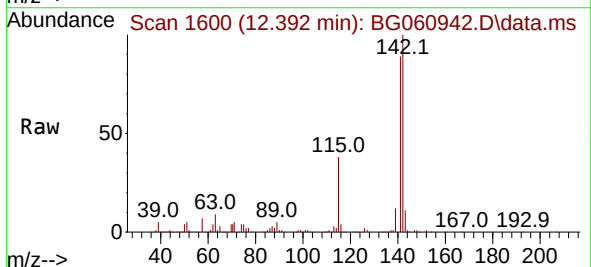
Manual Integrations
APPROVED

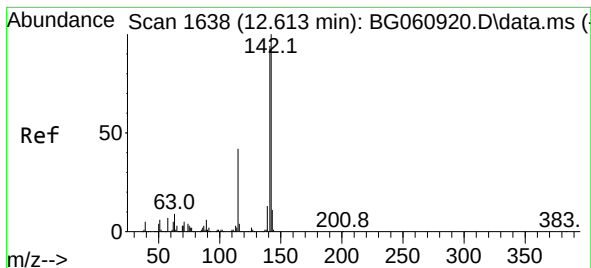
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#37
2-Methylnaphthalene
Concen: 42.790 ng
RT: 12.392 min Scan# 1600
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:142 Resp: 352773
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5
115 38.1 30.6 45.8





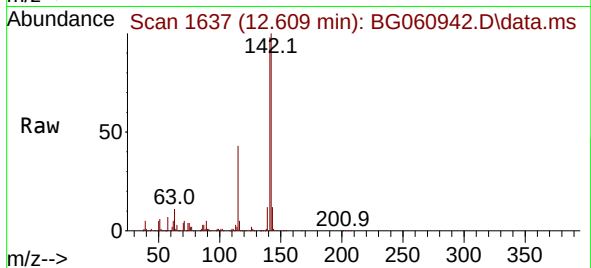
#38
1-Methylnaphthalene
Concen: 42.409 ng
RT: 12.609 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



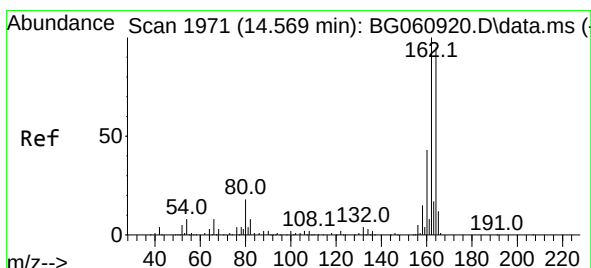
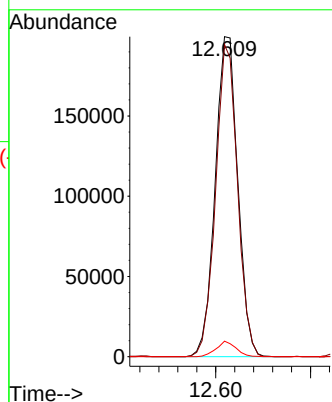
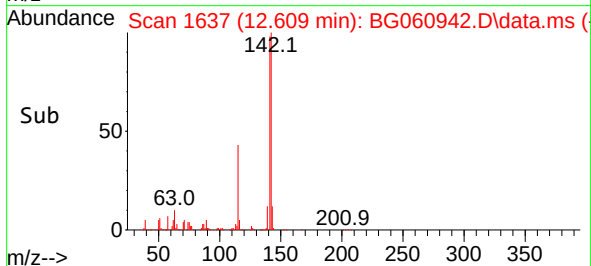
Tgt Ion:142 Resp: 330070
Ion Ratio Lower Upper
142 100
141 97.6 75.1 112.7
116 4.8 3.3 4.9

Manual Integrations

APPROVED

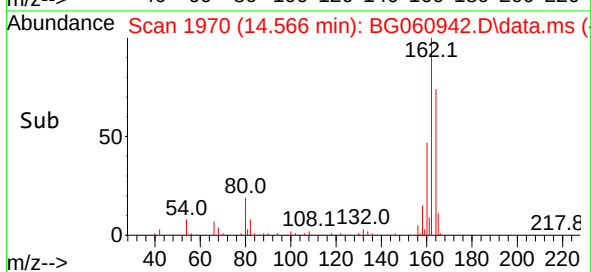
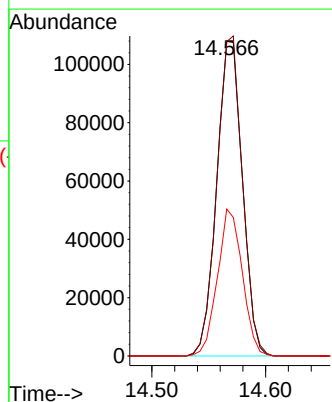
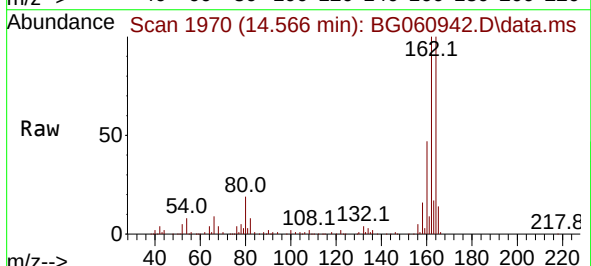
Reviewed By :Yogesh Patel 04/22/2024

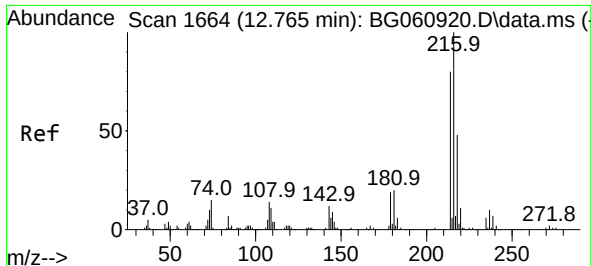
Supervised By :mohammad ahmed 04/22/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:164 Resp: 169971
Ion Ratio Lower Upper
164 100
162 99.9 84.1 126.1
160 46.7 35.9 53.9





#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.250 ng
RT: 12.762 min Scan# 1663
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

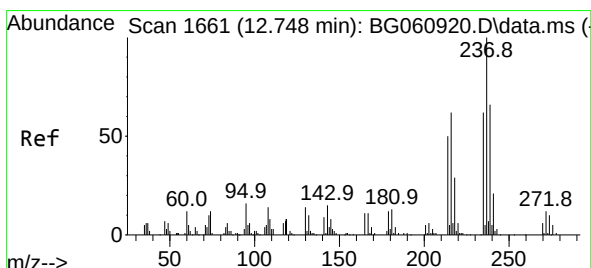
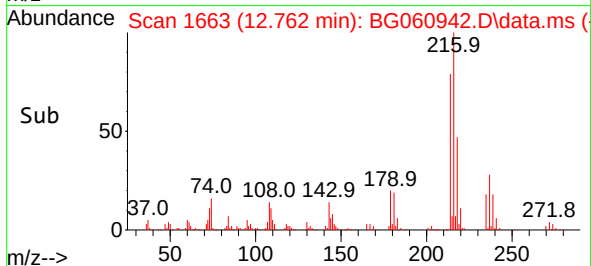
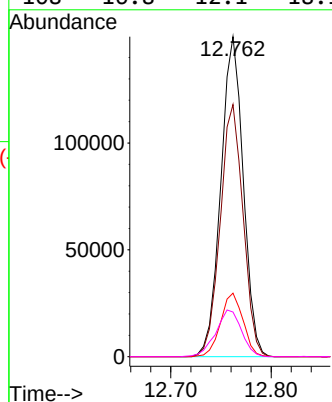
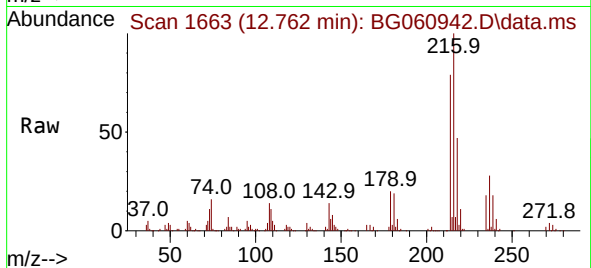
ARCOLA-SP-1MSD

Tgt Ion:216 Resp: 232091
Ion Ratio Lower Upper
216 100
214 80.1 62.8 94.2
179 19.9 15.2 22.8
108 16.8 12.1 18.1

Manual Integrations

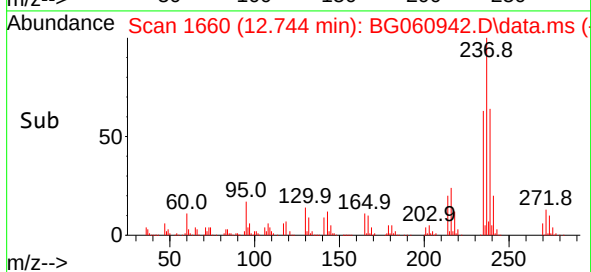
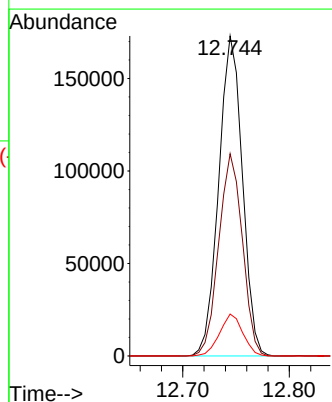
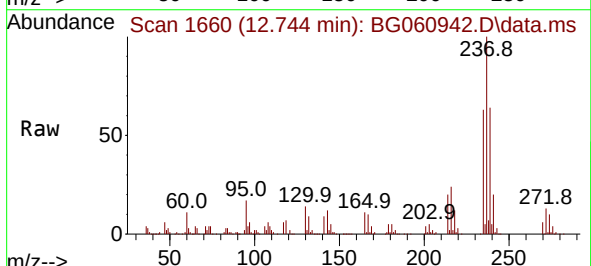
APPROVED

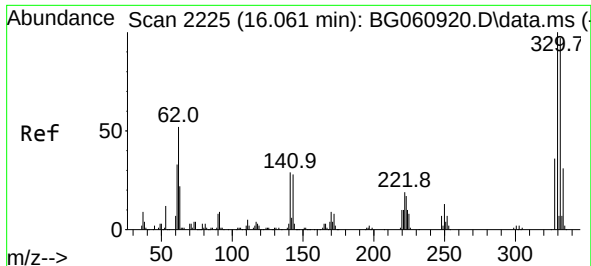
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#41
Hexachlorocyclopentadiene
Concen: 99.413 ng
RT: 12.744 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:237 Resp: 266618
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 13.1 0.0 32.2





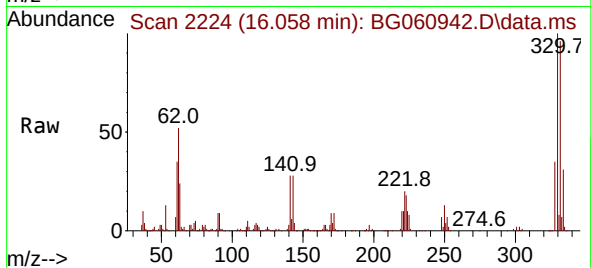
#42
2,4,6-Tribromophenol
Concen: 138.598 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



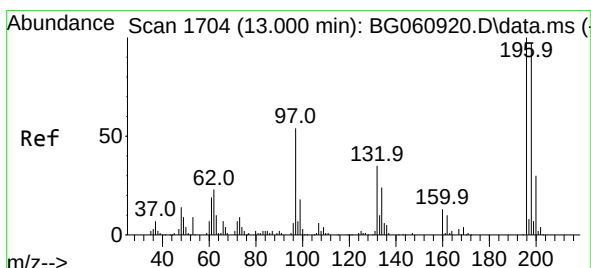
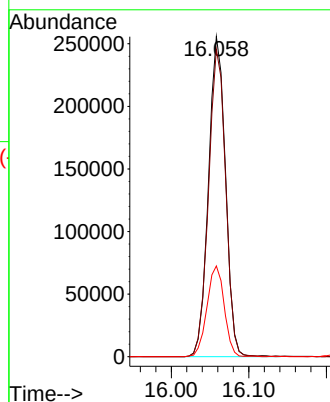
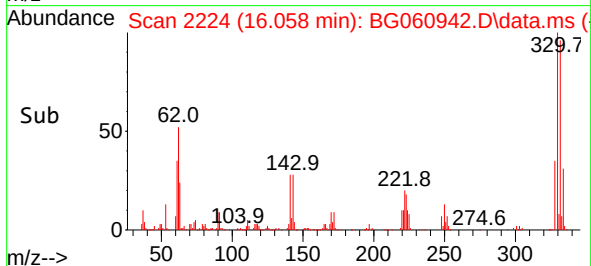
Tgt Ion:330 Resp: 389179
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 28.8 23.7 35.5

Manual Integrations

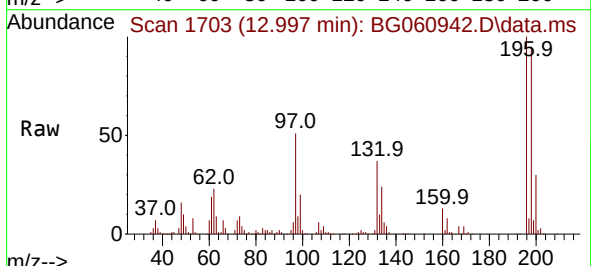
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

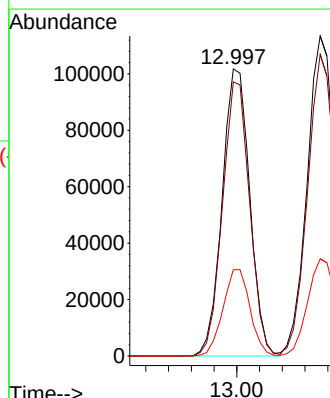
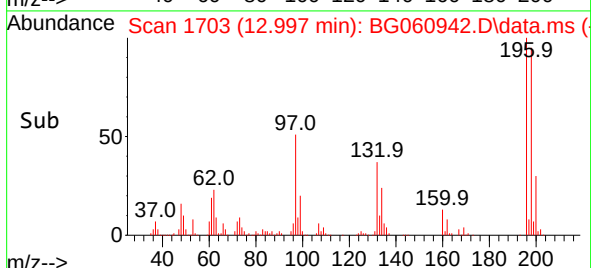
Supervised By :mohammad ahmed 04/22/2024

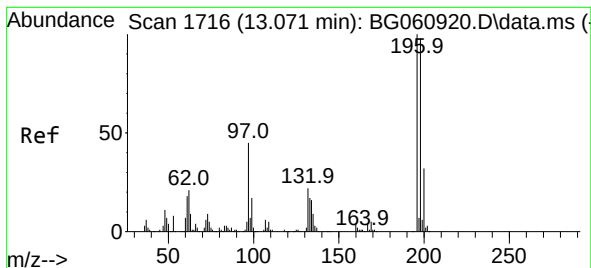


#43
2,4,6-Trichlorophenol
Concen: 46.959 ng
RT: 12.997 min Scan# 1703
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16



Tgt Ion:196 Resp: 171271
Ion Ratio Lower Upper
196 100
198 95.5 77.9 116.9
200 30.0 24.3 36.5





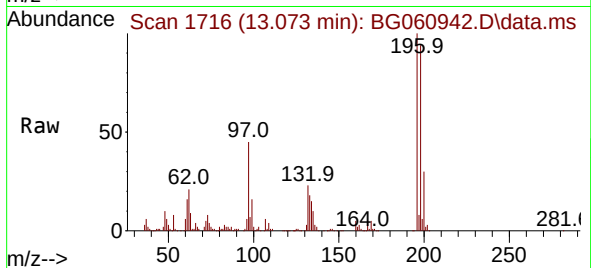
#44
2,4,5-Trichlorophenol
Concen: 44.774 ng
RT: 13.073 min Scan# 1716
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



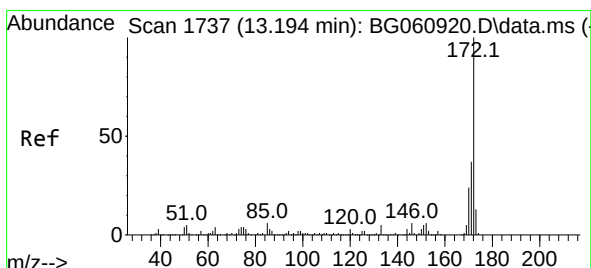
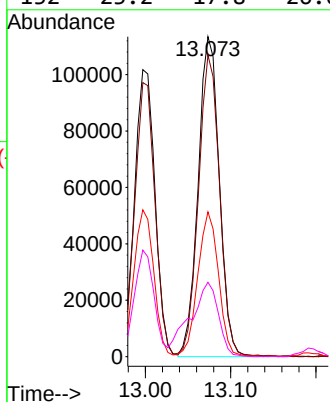
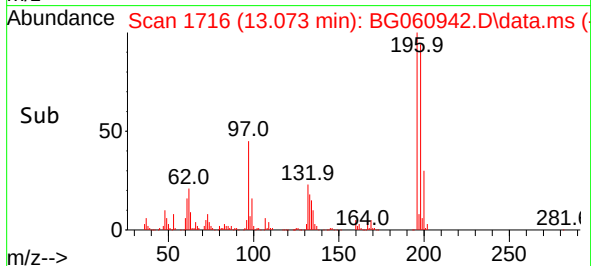
Tgt Ion:196 Resp: 196938
Ion Ratio Lower Upper
196 100
198 94.2 78.2 117.4
97 45.3 35.9 53.9
132 23.2 17.8 26.6

Manual Integrations

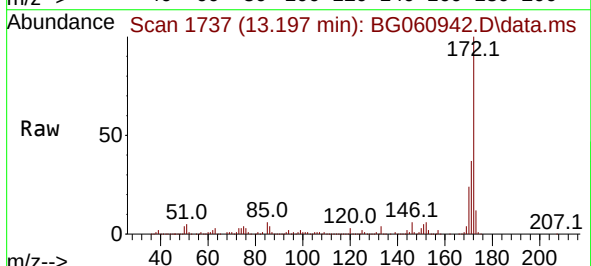
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

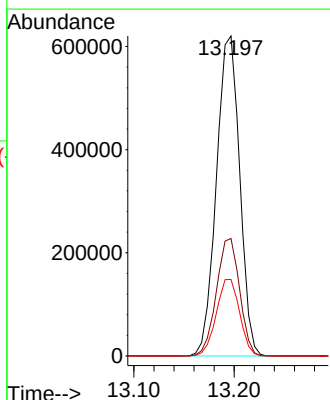
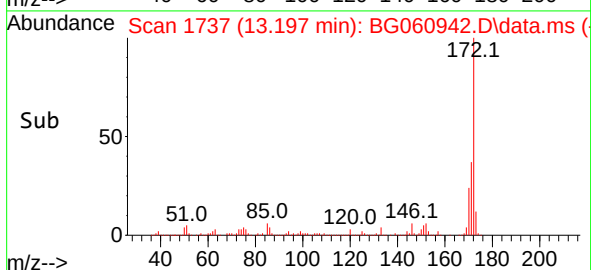
Supervised By :mohammad ahmed 04/22/2024

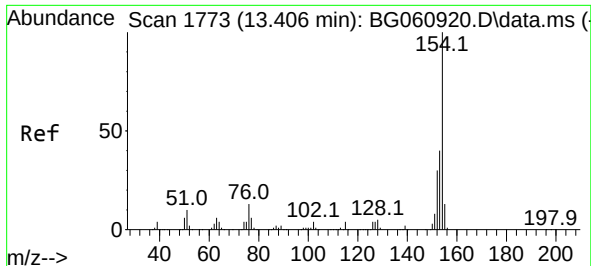


#45
2-Fluorobiphenyl
Concen: 86.196 ng
RT: 13.197 min Scan# 1737
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16



Tgt Ion:172 Resp: 998374
Ion Ratio Lower Upper
172 100
171 36.7 29.3 43.9
170 23.9 19.5 29.3





#46
1,1'-Biphenyl
Concen: 45.523 ng
RT: 13.402 min Scan# 1772
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

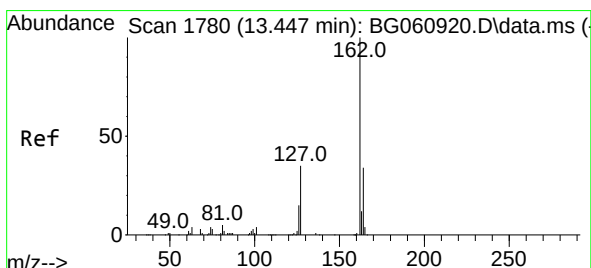
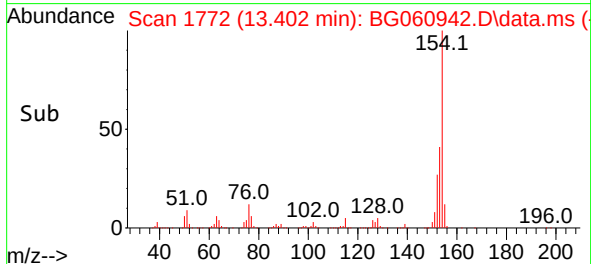
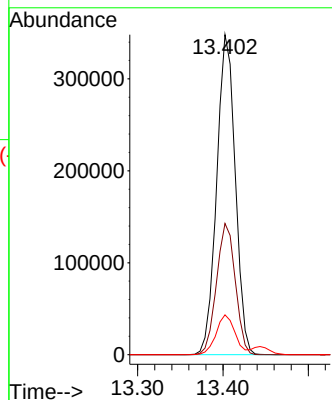
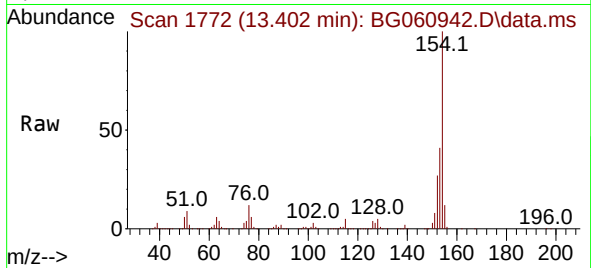
Tgt Ion:154 Resp: 526114
Ion Ratio Lower Upper
154 100
153 41.0 19.9 59.9
76 12.5 0.0 32.7

Manual Integrations

APPROVED

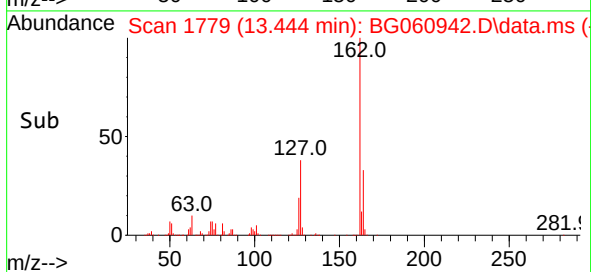
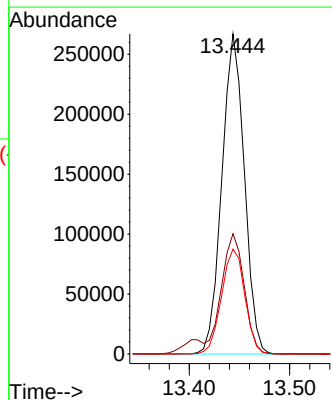
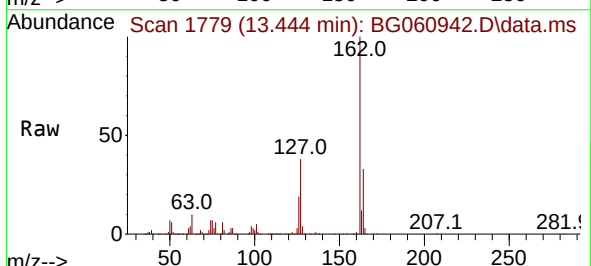
Reviewed By :Yogesh Patel 04/22/2024

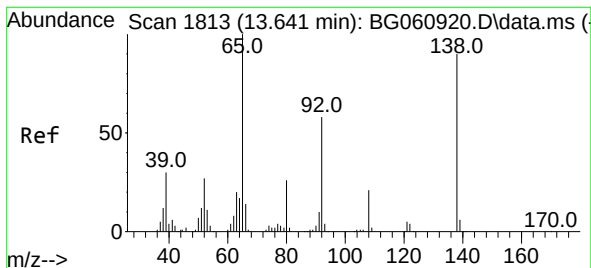
Supervised By :mohammad ahmed 04/22/2024



#47
2-Chloronaphthalene
Concen: 46.841 ng
RT: 13.444 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:162 Resp: 414326
Ion Ratio Lower Upper
162 100
127 37.6 31.0 46.6
164 32.7 27.2 40.8





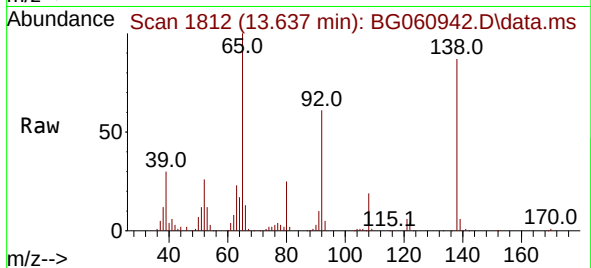
#48
2-Nitroaniline
Concen: 38.926 ng
RT: 13.637 min Scan# 1812
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

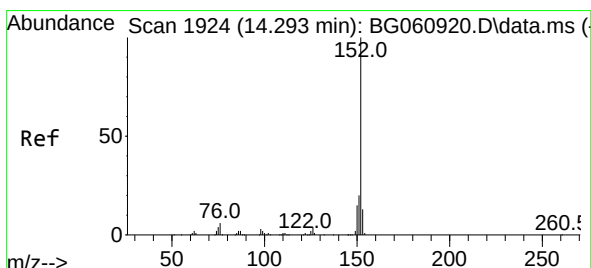
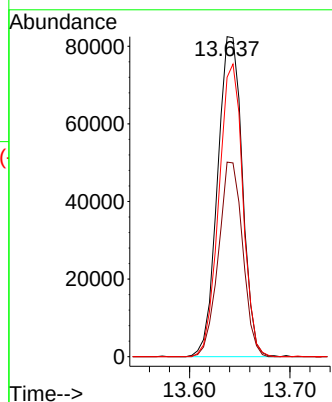
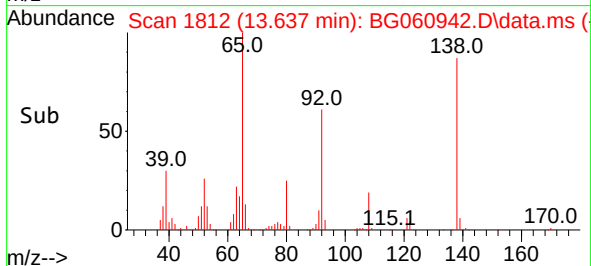


Tgt Ion: 65 Resp: 141294
Ion Ratio Lower Upper
65 100
92 60.8 46.5 69.7
138 87.3 71.8 107.8

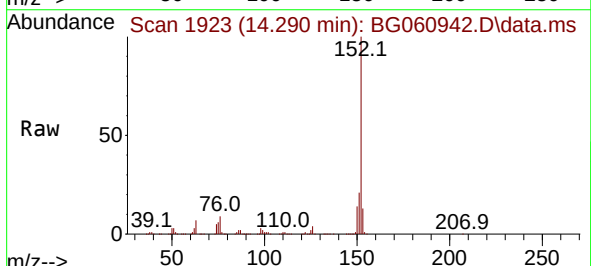
Manual Integrations

APPROVED

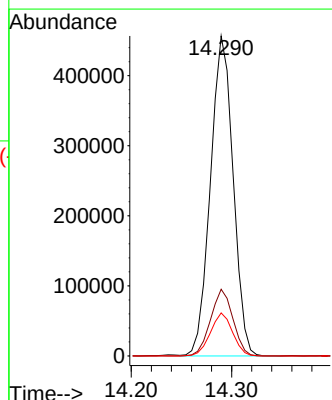
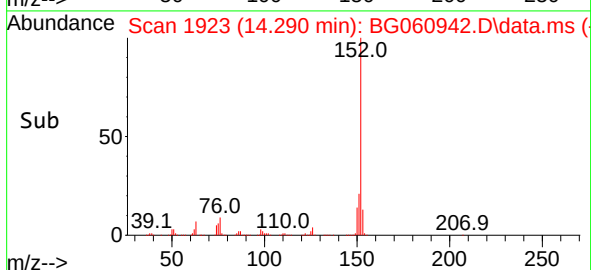
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

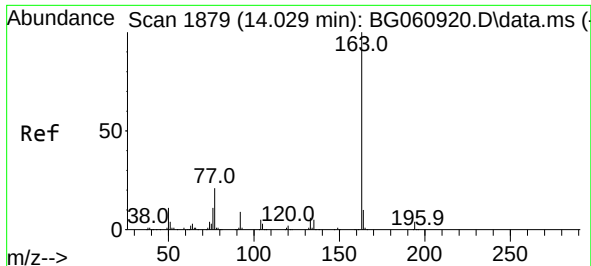


#49
Acenaphthylene
Concen: 47.897 ng
RT: 14.290 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16



Tgt Ion:152 Resp: 716410
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.5 10.4 15.6





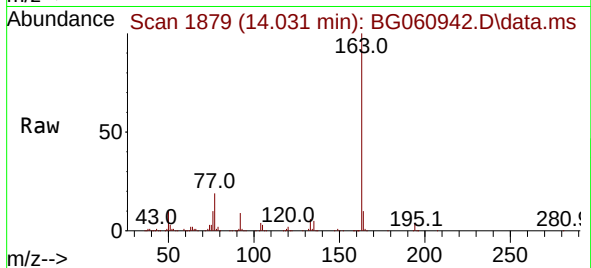
#50
Dimethylphthalate
Concen: 47.477 ng
RT: 14.031 min Scan# 1879
Delta R.T. 0.002 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



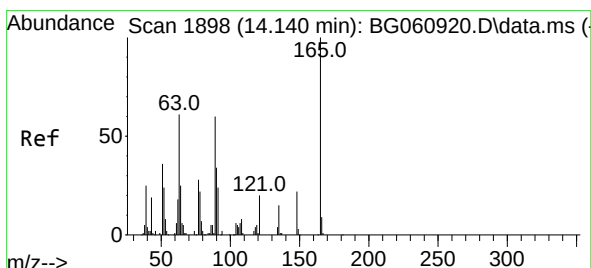
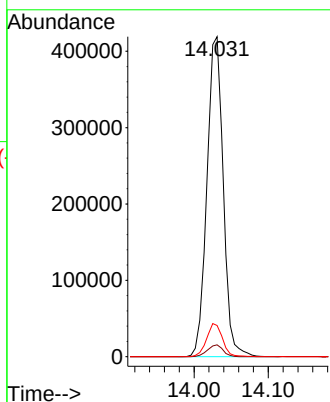
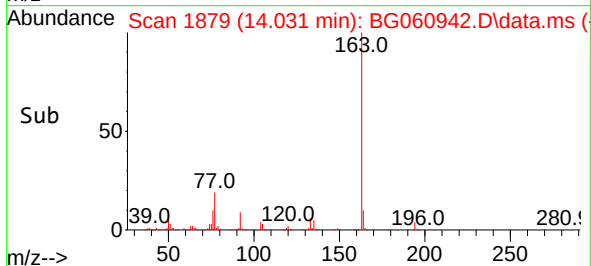
Tgt Ion:163 Resp: 64036
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.8 8.2 12.2

Manual Integrations

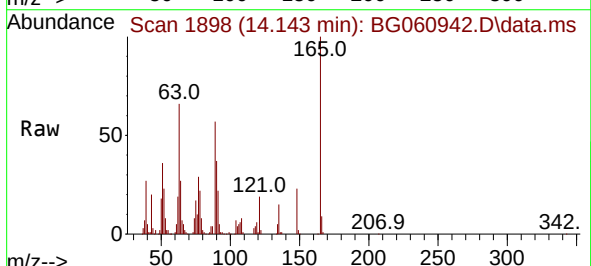
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

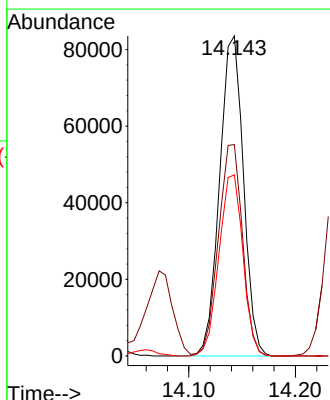
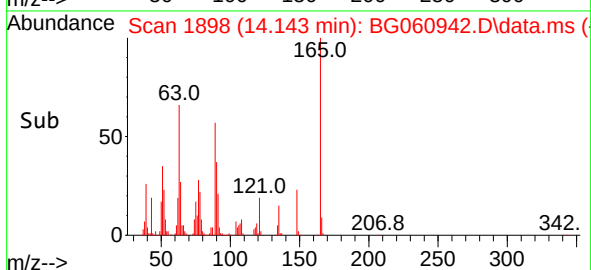
Supervised By :mohammad ahmed 04/22/2024

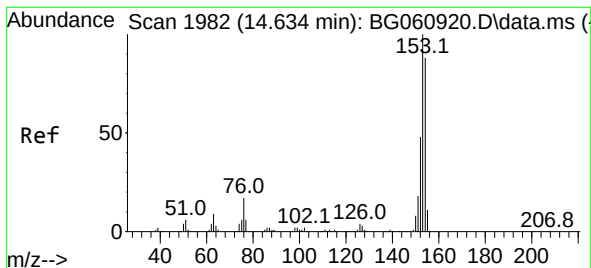


#51
2,6-Dinitrotoluene
Concen: 47.177 ng
RT: 14.143 min Scan# 1898
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16



Tgt Ion:165 Resp: 129691
Ion Ratio Lower Upper
165 100
63 66.0 53.8 80.8
89 56.6 48.2 72.4





#52

Acenaphthene

Concen: 45.191 ng

RT: 14.636 min Scan# 1982

Delta R.T. 0.003 min

Lab File: BG060942.D

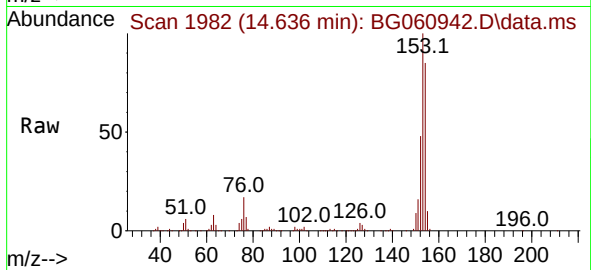
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



Tgt Ion:154 Resp: 409930

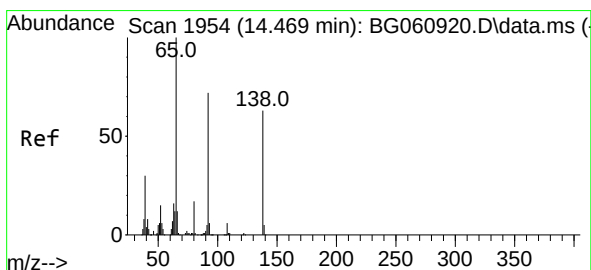
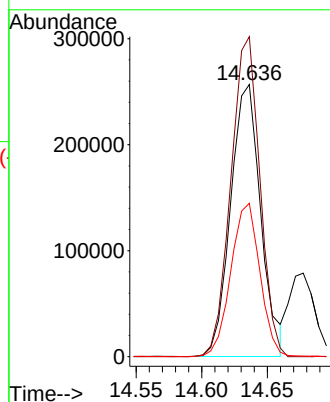
Ion	Ratio	Lower	Upper
154	100		
153	117.5	91.4	137.0
152	56.3	44.1	66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#53

3-Nitroaniline

Concen: 5.583 ng

RT: 14.466 min Scan# 1953

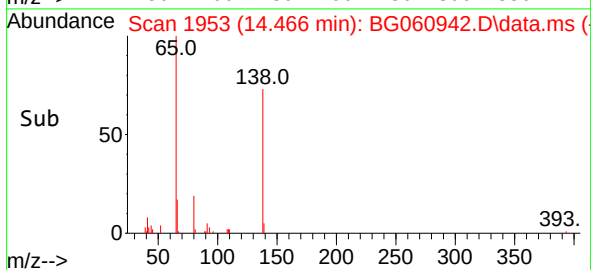
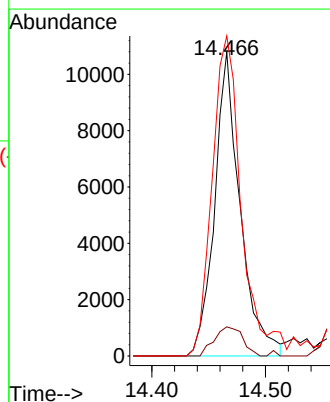
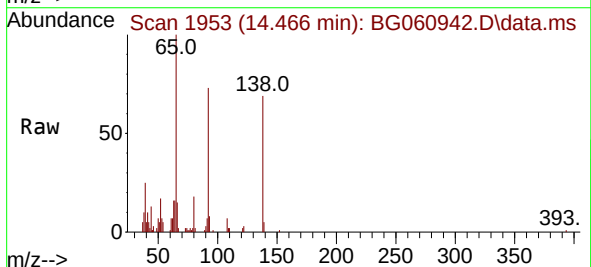
Delta R.T. -0.003 min

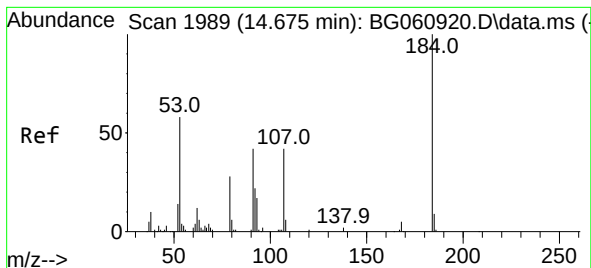
Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

Tgt Ion:138 Resp: 16847

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	105.2	92.5	138.7





#54
2,4-Dinitrophenol
Concen: 105.137 ng
RT: 14.677 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

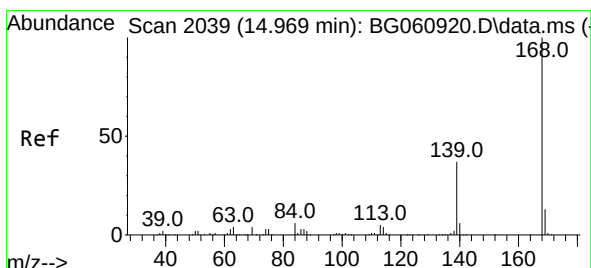
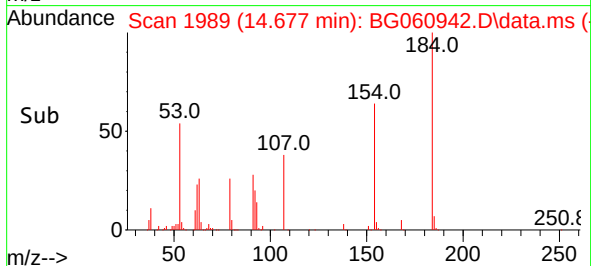
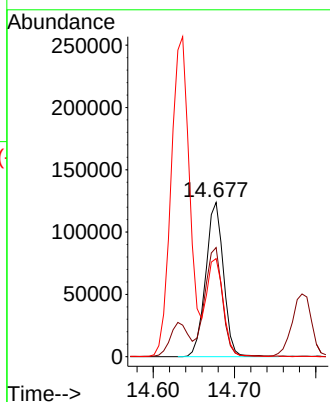
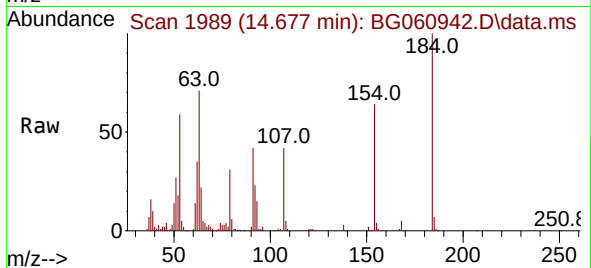
ClientSampleId :

ARCOLA-SP-1MSD

Tgt Ion:184 Resp: 18786
Ion Ratio Lower Upper
184 100
63 70.7 52.0 78.0
154 63.6 50.7 76.1

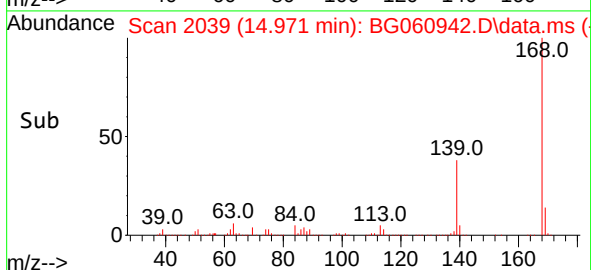
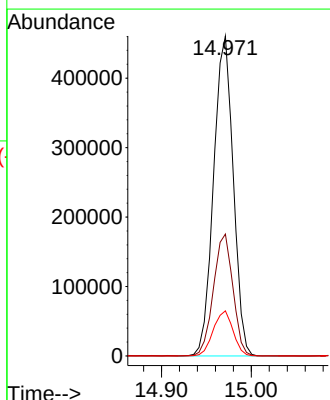
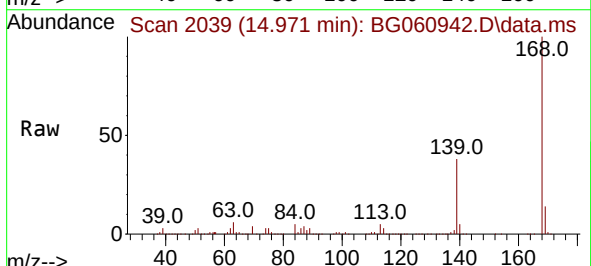
Manual Integrations
APPROVED

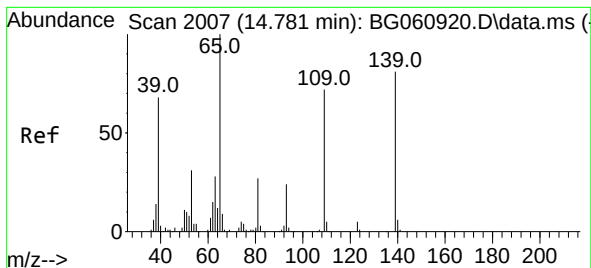
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#55
Dibenzofuran
Concen: 45.601 ng
RT: 14.971 min Scan# 2039
Delta R.T. 0.002 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:168 Resp: 698771
Ion Ratio Lower Upper
168 100
139 38.1 29.9 44.9
169 14.1 10.6 16.0





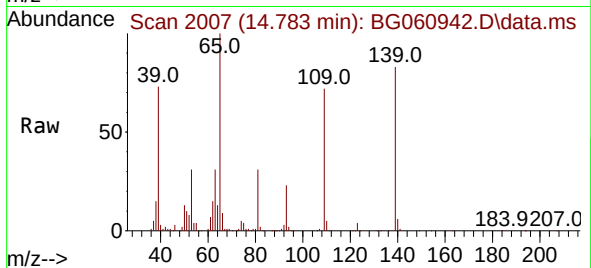
#56
4-Nitrophenol
Concen: 97.336 ng
RT: 14.783 min Scan# 2007
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



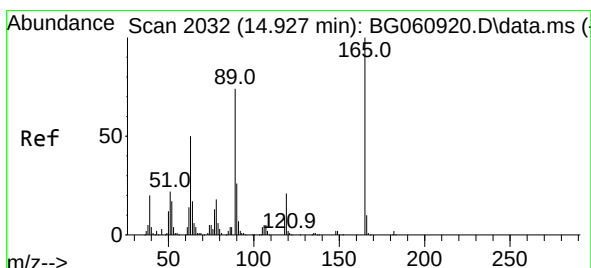
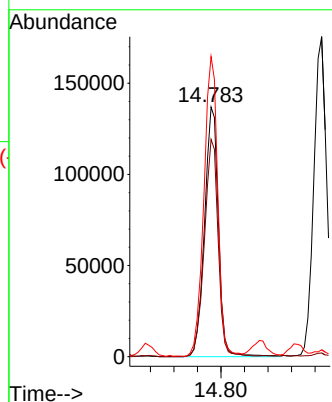
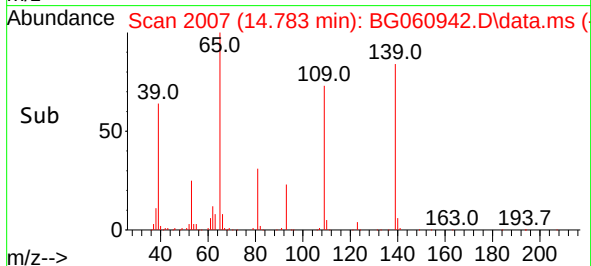
Tgt Ion:139 Resp: 22489
Ion Ratio Lower Upper
139 100
109 87.1 69.7 109.7
65 120.2 103.7 143.7

Manual Integrations

APPROVED

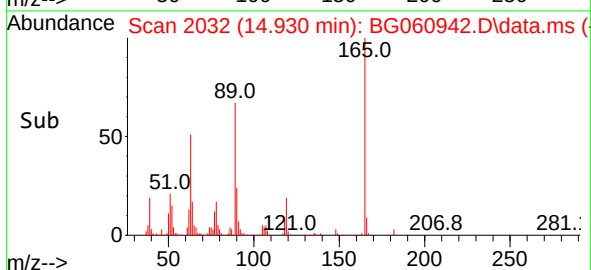
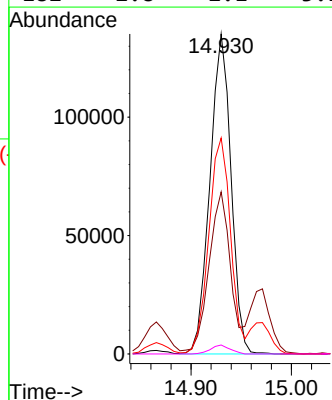
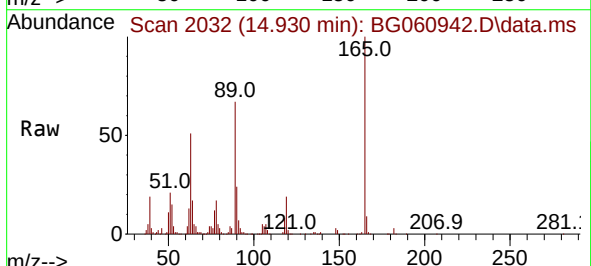
Reviewed By :Yogesh Patel 04/22/2024

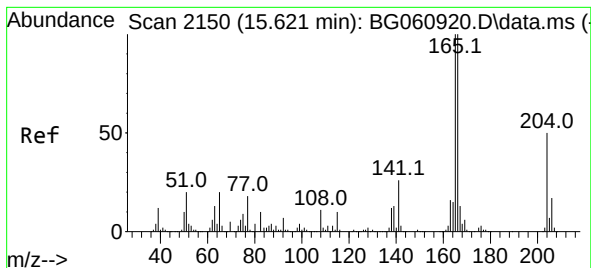
Supervised By :mohammad ahmed 04/22/2024



#57
2,4-Dinitrotoluene
Concen: 50.333 ng
RT: 14.930 min Scan# 2032
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:165 Resp: 197726
Ion Ratio Lower Upper
165 100
63 50.7 40.2 60.2
89 67.5 59.0 88.4
182 2.8 2.1 3.1





#58

Fluorene

Concen: 46.174 ng

RT: 15.617 min Scan# 2150

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

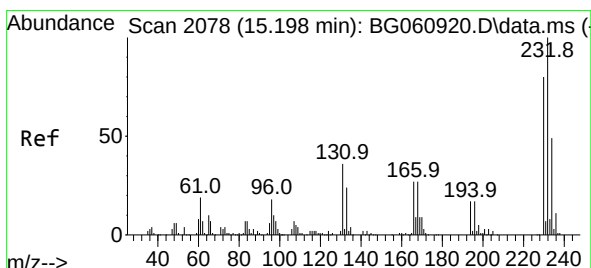
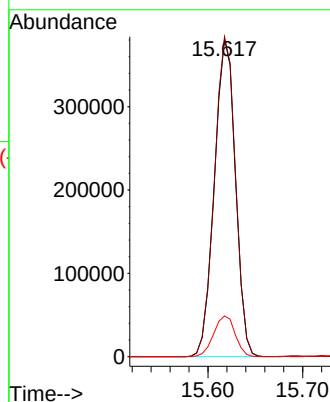
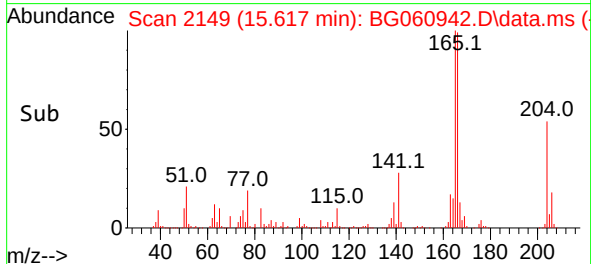
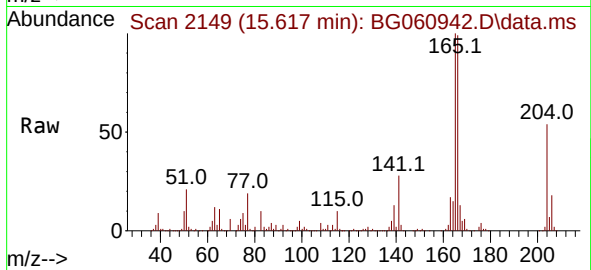
Tgt Ion:166 Resp: 58689
 Ion Ratio Lower Upper
 166 100
 165 100.7 80.2 120.4
 167 12.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 48.594 ng

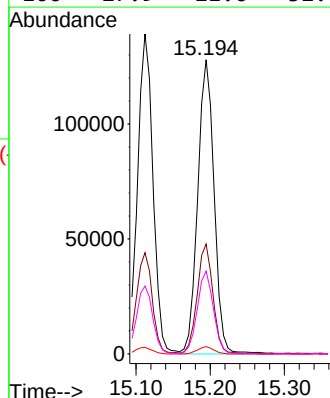
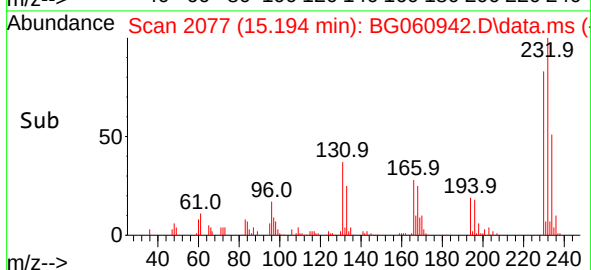
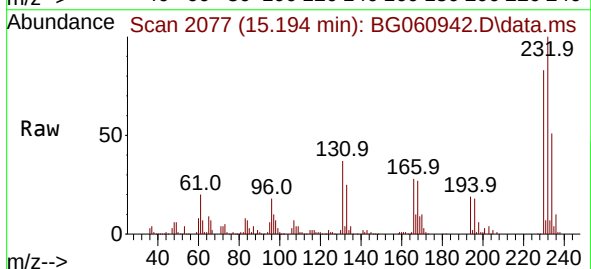
RT: 15.194 min Scan# 2077

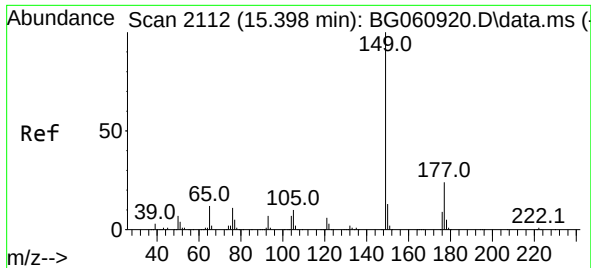
Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

Tgt Ion:232 Resp: 196356
 Ion Ratio Lower Upper
 232 100
 131 35.6 29.8 44.8
 130 2.4 1.8 2.8
 166 27.9 21.6 32.4





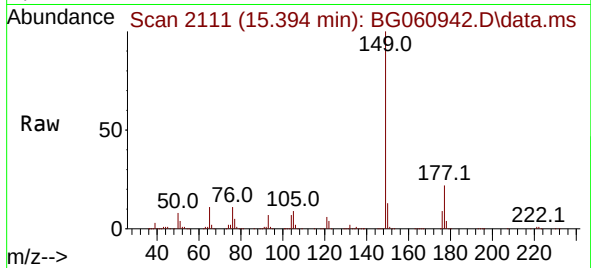
#60
Diethylphthalate
Concen: 46.546 ng
RT: 15.394 min Scan# 2111
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



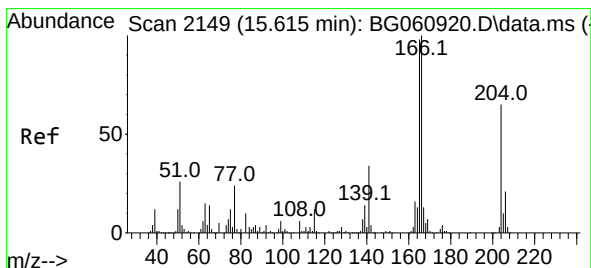
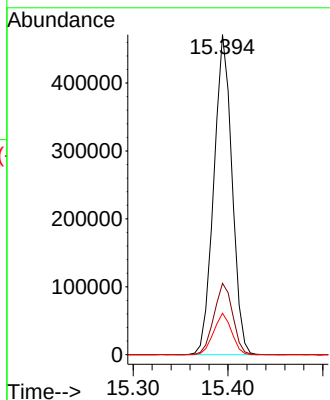
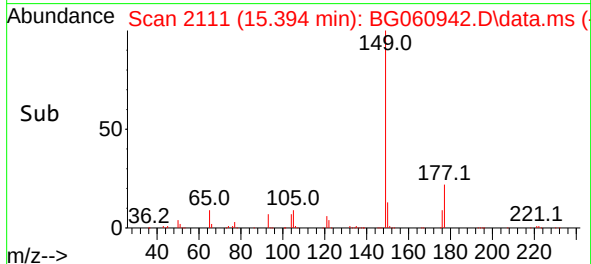
Tgt Ion:149 Resp: 62882
Ion Ratio Lower Upper
149 100
177 22.3 19.0 28.4
150 13.0 10.5 15.7

Manual Integrations

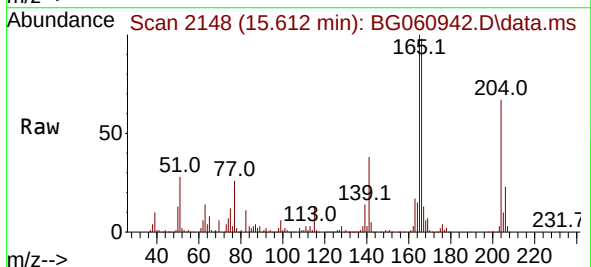
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

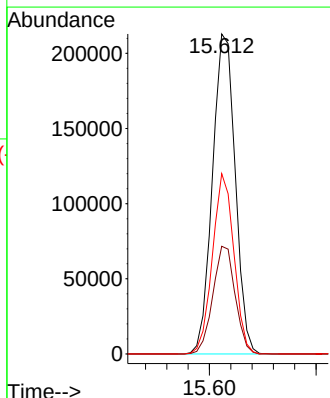
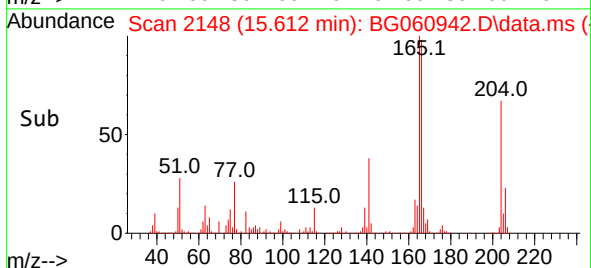
Supervised By :mohammad ahmed 04/22/2024

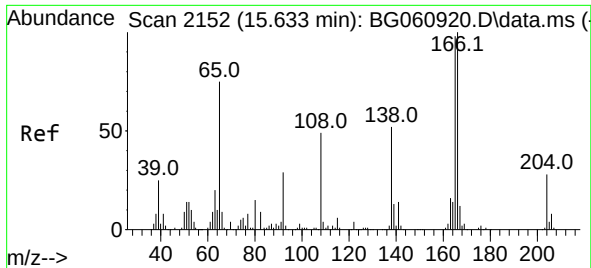


#61
4-Chlorophenyl-phenylether
Concen: 44.736 ng
RT: 15.612 min Scan# 2148
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16



Tgt Ion:204 Resp: 315204
Ion Ratio Lower Upper
204 100
206 33.7 25.4 38.0
141 56.4 42.0 63.0





#62
4-Nitroaniline
Concen: 18.874 ng
RT: 15.629 min Scan# 2151
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

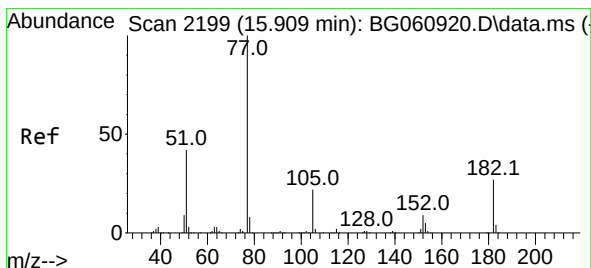
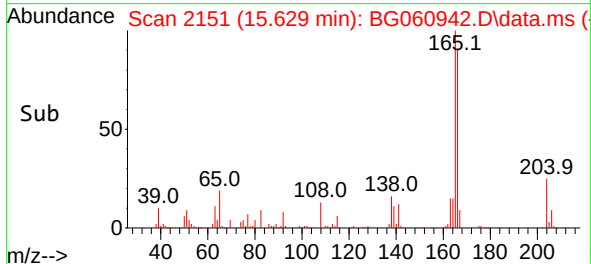
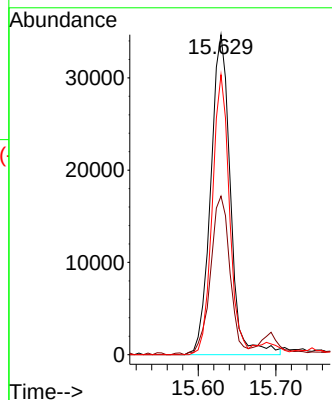
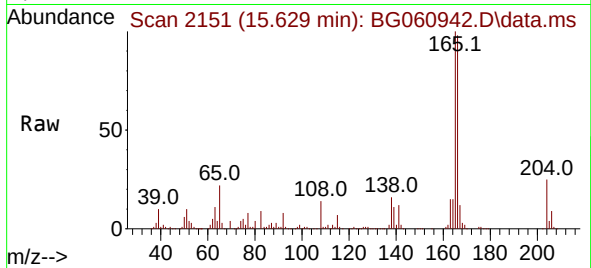
ARCOLA-SP-1MSD

Tgt Ion:138 Resp: 6124
Ion Ratio Lower Upper
138 100
92 49.6 34.8 74.8
108 87.5 73.9 113.9

Manual Integrations

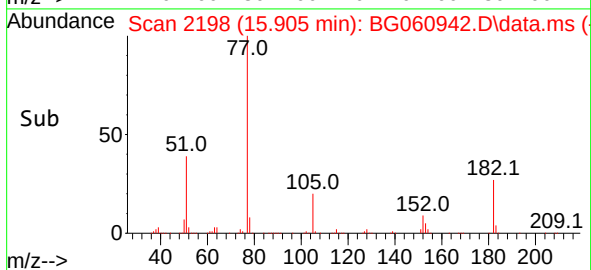
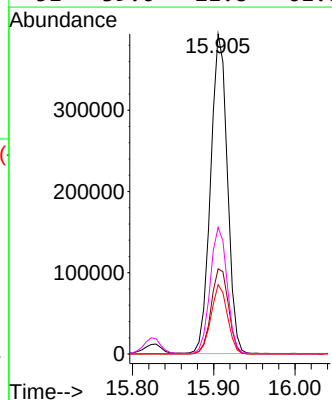
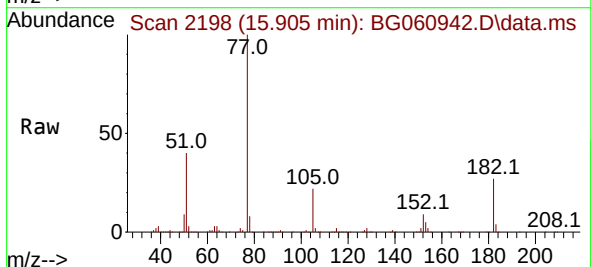
APPROVED

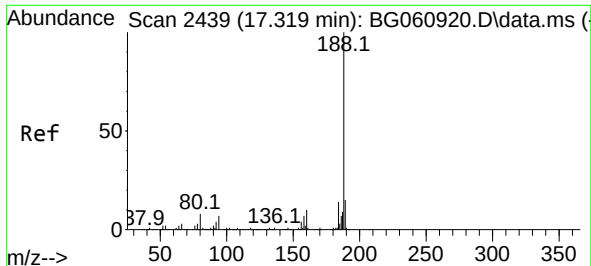
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#63
Azobenzene
Concen: 44.187 ng
RT: 15.905 min Scan# 2198
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion: 77 Resp: 562615
Ion Ratio Lower Upper
77 100
182 26.6 6.8 46.8
105 21.6 1.7 41.7
51 39.6 21.8 61.8





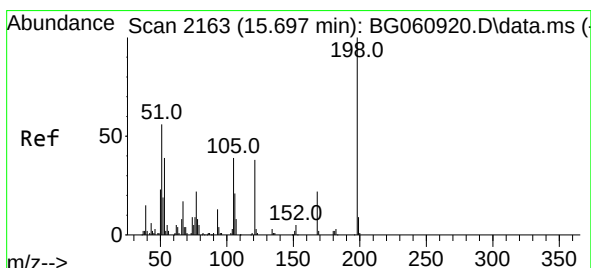
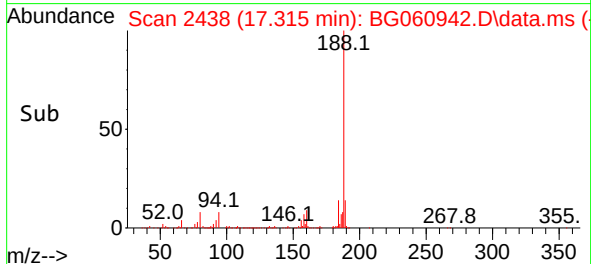
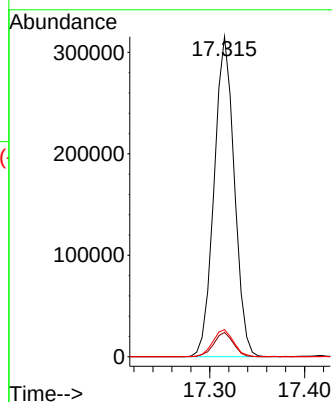
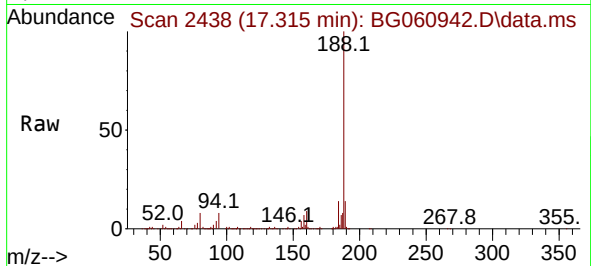
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD

Tgt Ion:188 Resp: 466470
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.4 6.6 9.8

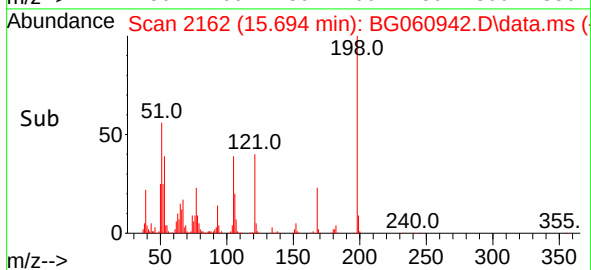
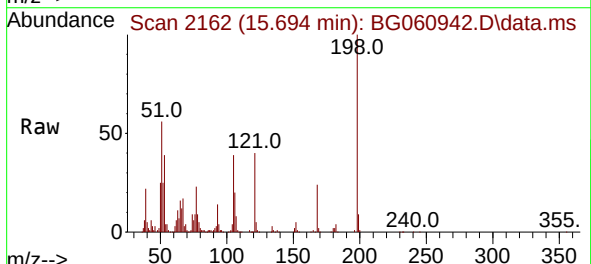
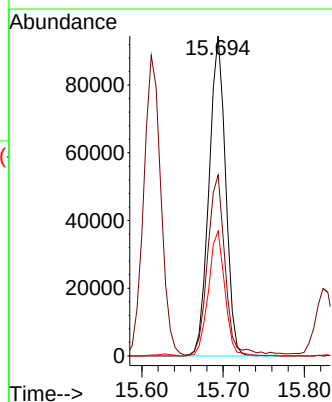
Manual Integrations
APPROVED

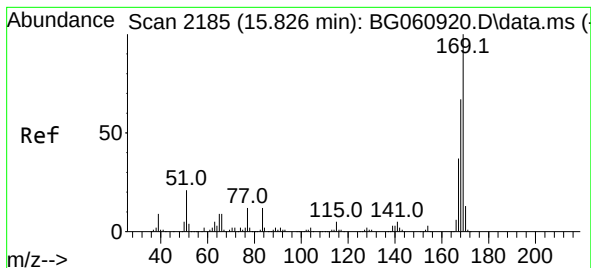
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 51.303 ng
RT: 15.694 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:198 Resp: 133515
Ion Ratio Lower Upper
198 100
51 56.5 38.2 78.2
105 39.0 19.7 59.7





#66

n-Nitrosodiphenylamine

Concen: 11.515 ng

RT: 15.823 min Scan# 2185

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

Tgt Ion:169 Resp: 147450

Ion Ratio Lower Upper

169 100

168 66.4 53.7 80.5

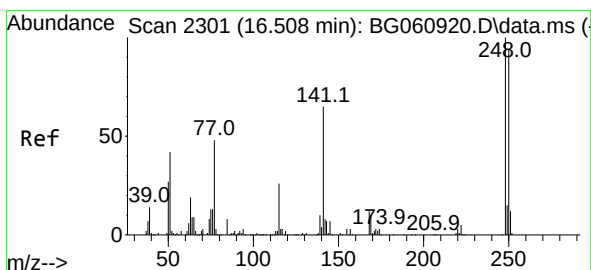
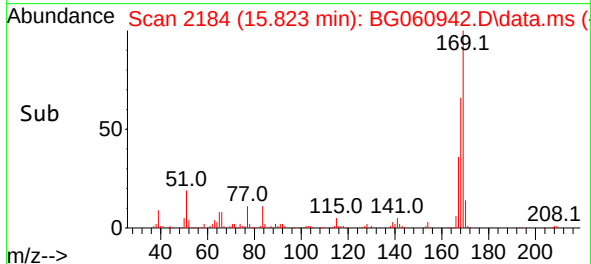
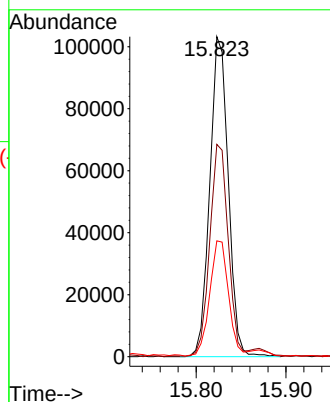
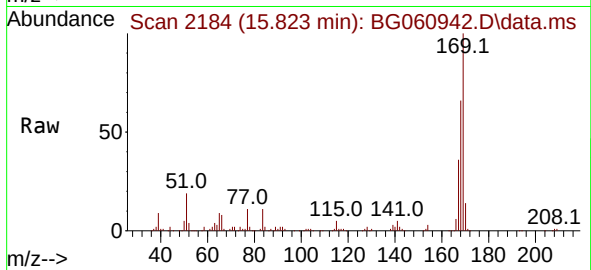
167 36.2 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#67

4-Bromophenyl-phenylether

Concen: 43.429 ng

RT: 16.511 min Scan# 2301

Delta R.T. 0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

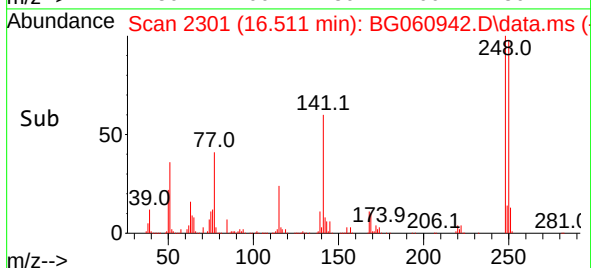
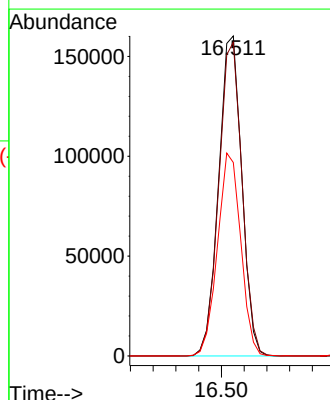
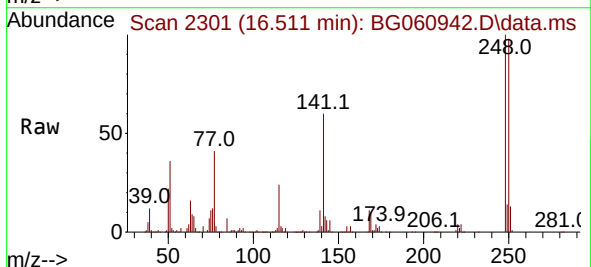
Tgt Ion:248 Resp: 226944

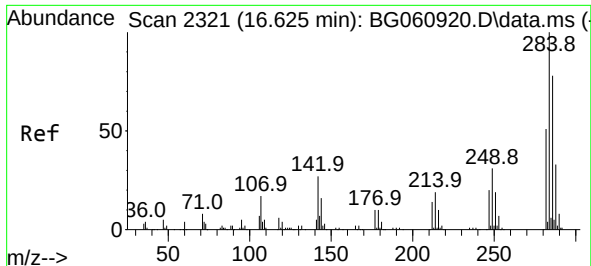
Ion Ratio Lower Upper

248 100

250 98.0 75.4 113.2

141 60.5 52.2 78.2





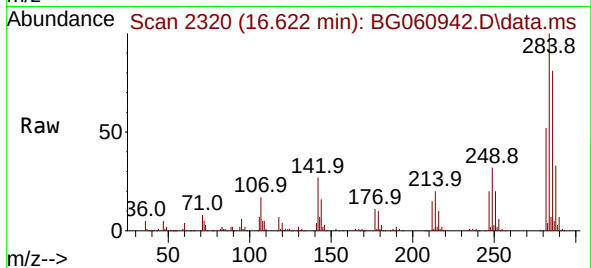
#68
Hexachlorobenzene
Concen: 46.321 ng
RT: 16.622 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



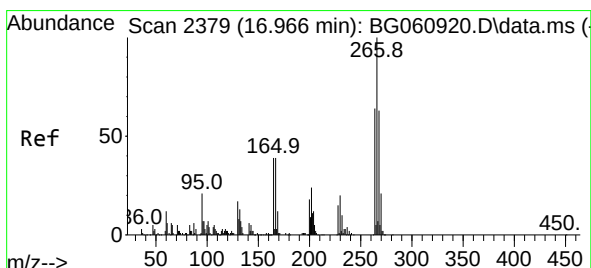
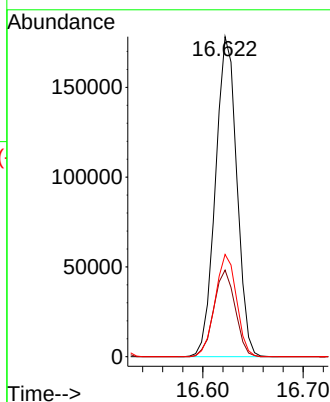
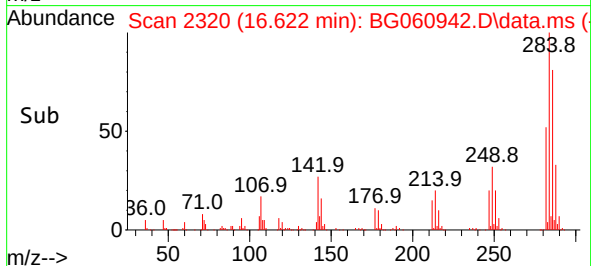
Tgt Ion:284 Resp: 26338
Ion Ratio Lower Upper
284 100
142 27.0 21.2 31.8
249 31.9 24.9 37.3

Manual Integrations

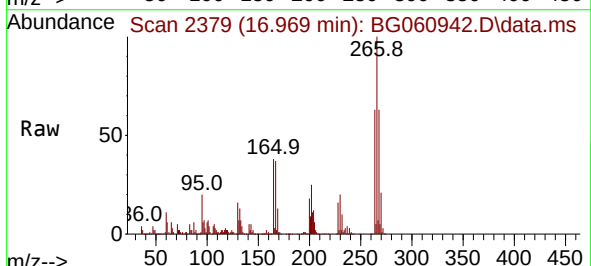
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

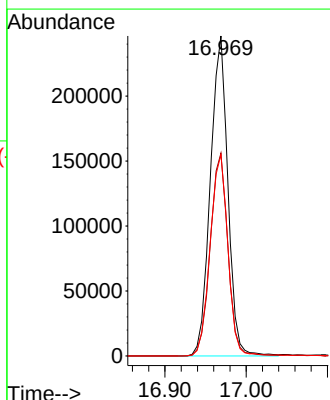
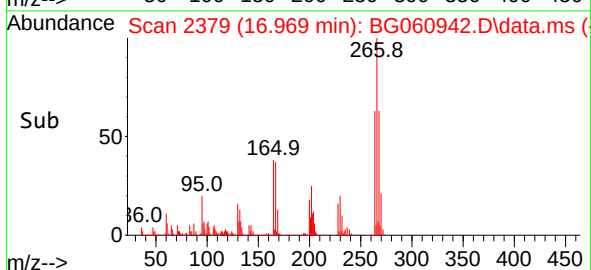
Supervised By :mohammad ahmed 04/22/2024

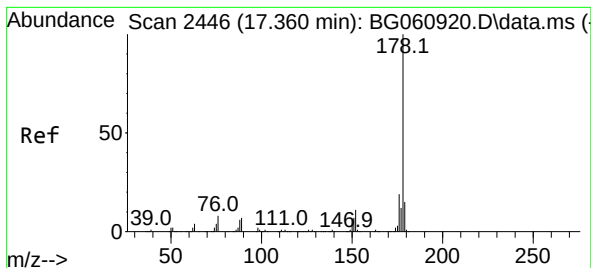


#70
Pentachlorophenol
Concen: 95.620 ng
RT: 16.969 min Scan# 2379
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16



Tgt Ion:266 Resp: 368218
Ion Ratio Lower Upper
266 100
268 63.4 50.2 75.2
264 63.0 51.2 76.8





#71

Phenanthrene

Concen: 45.013 ng

RT: 17.357 min Scan# 2445

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

Tgt Ion:178 Resp: 1062838

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

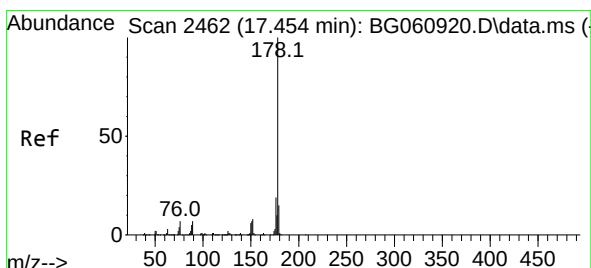
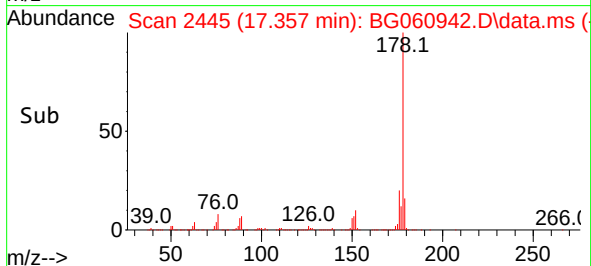
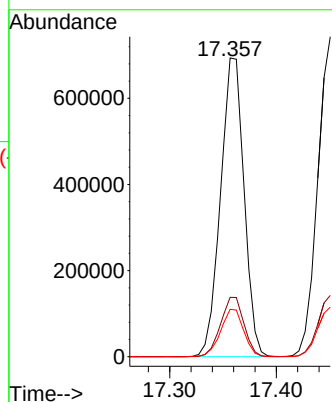
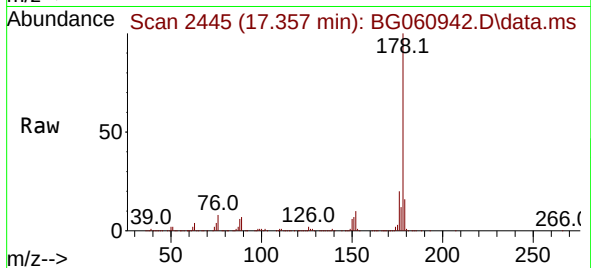
179 15.9 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#72

Anthracene

Concen: 45.136 ng

RT: 17.451 min Scan# 2461

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

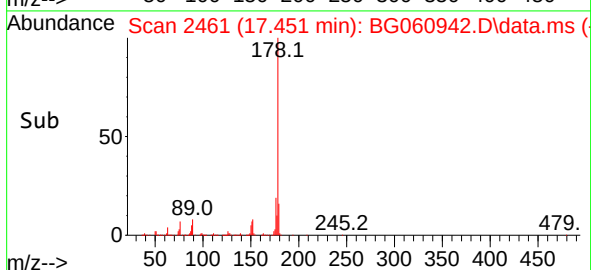
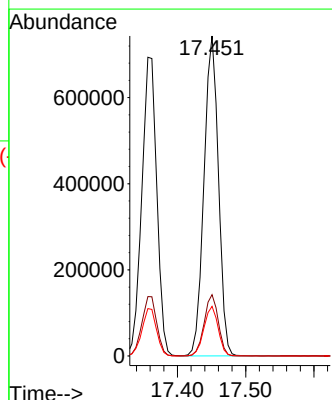
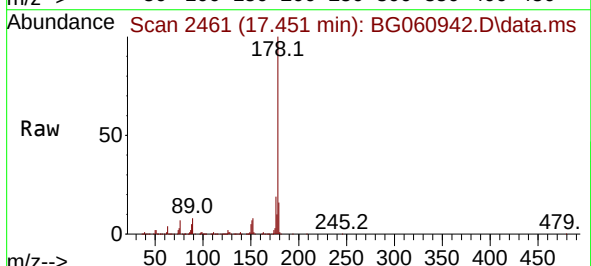
Tgt Ion:178 Resp: 1094706

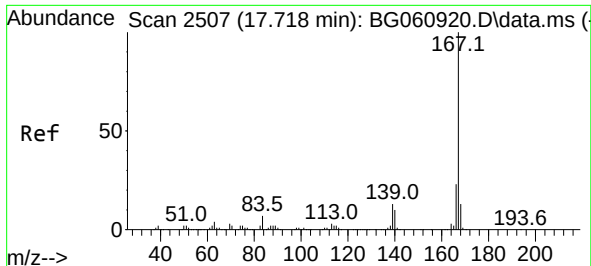
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

179 15.5 11.6 17.4





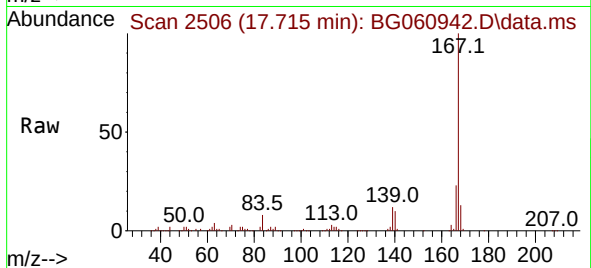
#73
 Carbazole
 Concen: 11.949 ng
 RT: 17.715 min Scan# 2507
 Delta R.T. -0.003 min
 Lab File: BG060942.D
 Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



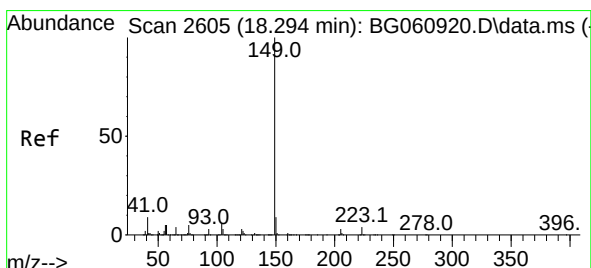
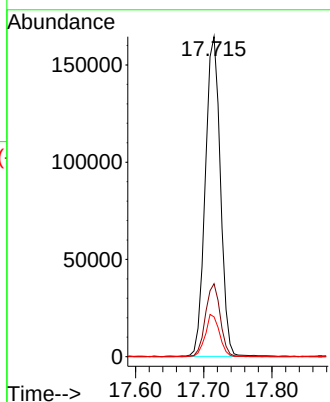
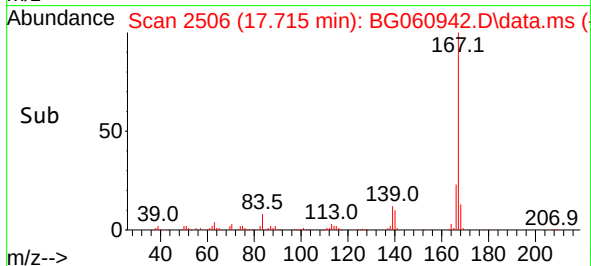
Tgt Ion:167 Resp: 252489
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.4 27.6
 139 12.5 10.1 15.1

Manual Integrations

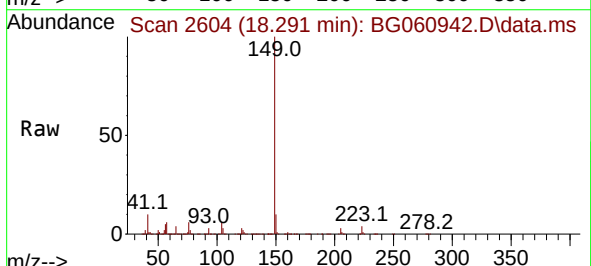
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

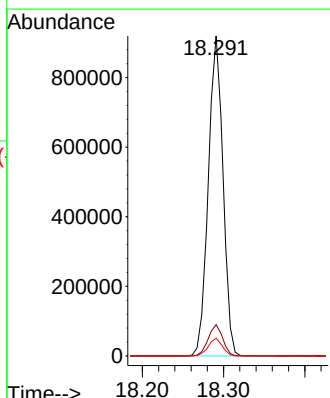
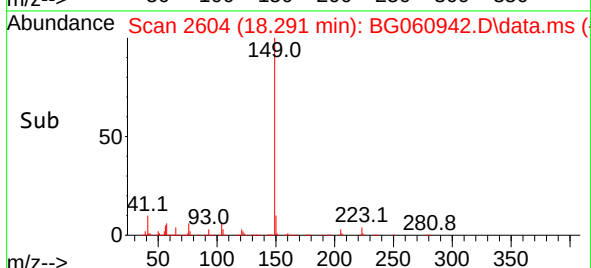
Supervised By :mohammad ahmed 04/22/2024

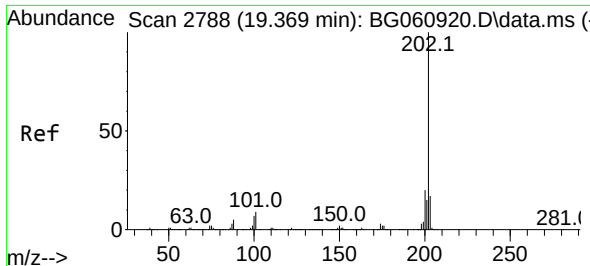


#74
 Di-n-butylphthalate
 Concen: 45.269 ng
 RT: 18.291 min Scan# 2604
 Delta R.T. -0.003 min
 Lab File: BG060942.D
 Acq: 18 Apr 2024 19:16



Tgt Ion:149 Resp: 1151657
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 5.5 4.6 6.8





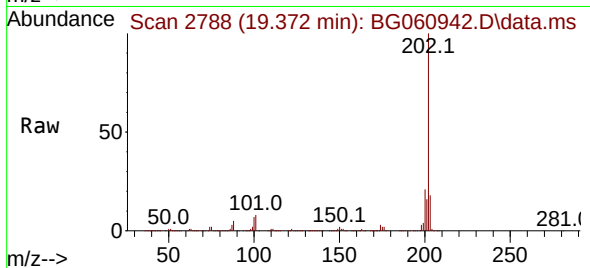
#75
Fluoranthene
Concen: 43.429 ng
RT: 19.372 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



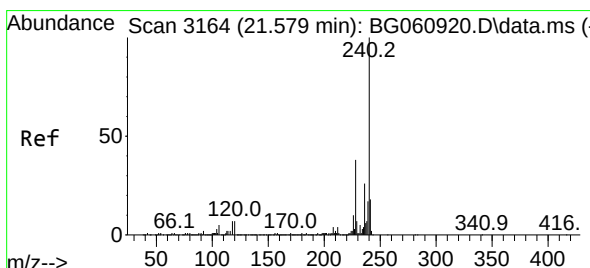
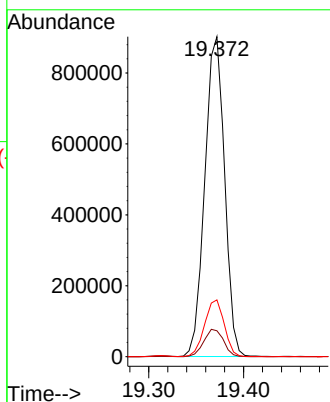
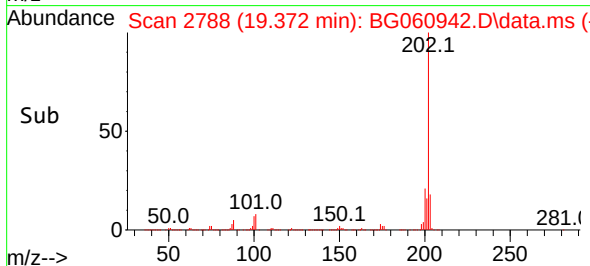
Tgt Ion:202 Resp: 130519
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.6
203 17.7 0.0 37.3

Manual Integrations

APPROVED

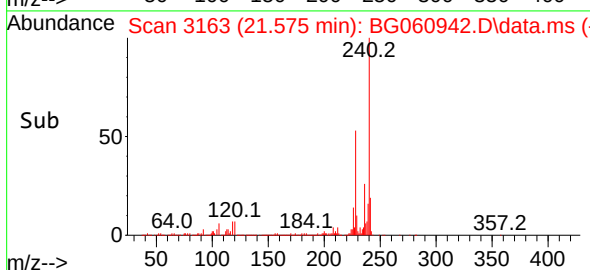
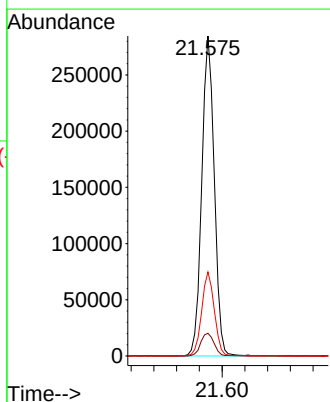
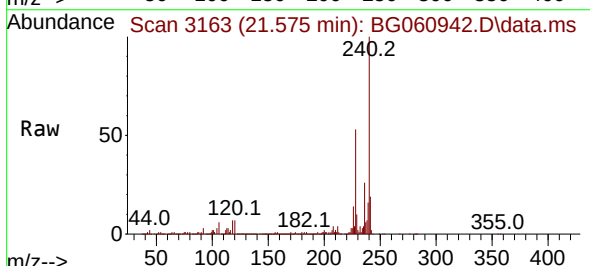
Reviewed By :Yogesh Patel 04/22/2024

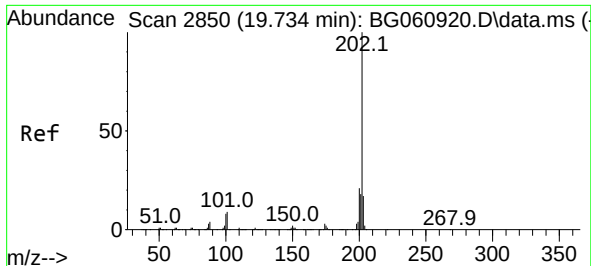
Supervised By :mohammad ahmed 04/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3163
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:240 Resp: 434319
Ion Ratio Lower Upper
240 100
120 7.1 5.7 8.5
236 26.2 21.1 31.7





#78
 Pyrene
 Concen: 44.477 ng
 RT: 19.730 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060942.D
 Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

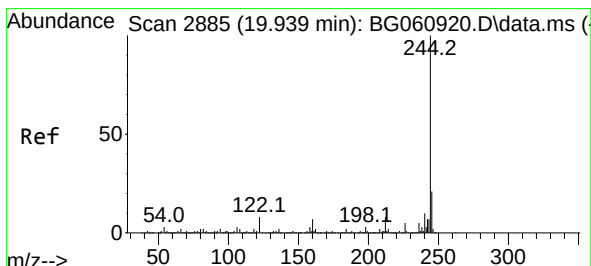
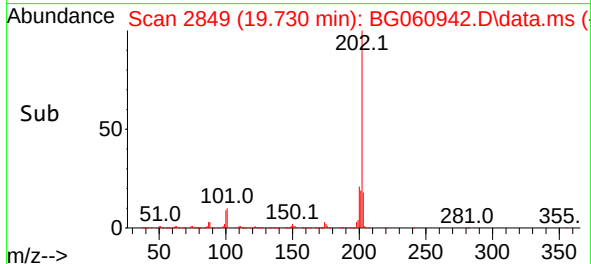
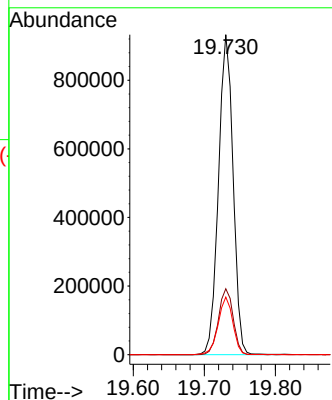
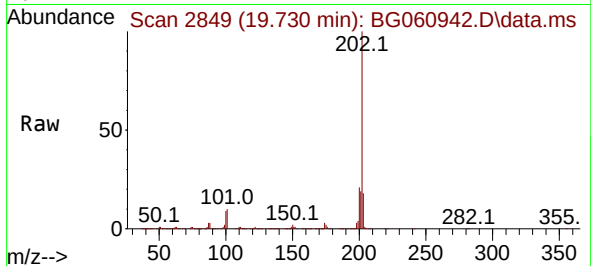
Tgt Ion:202 Resp: 1325130
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.7 25.1
 203 18.0 13.8 20.8

Manual Integrations

APPROVED

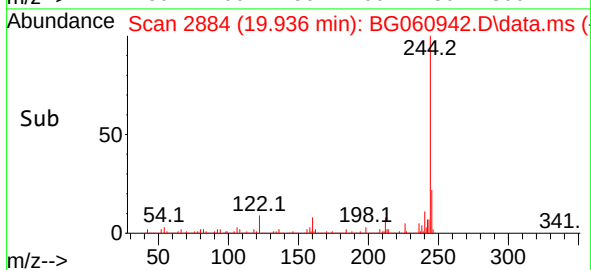
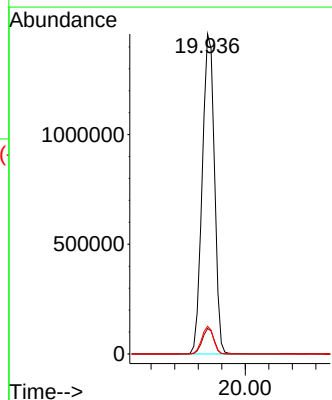
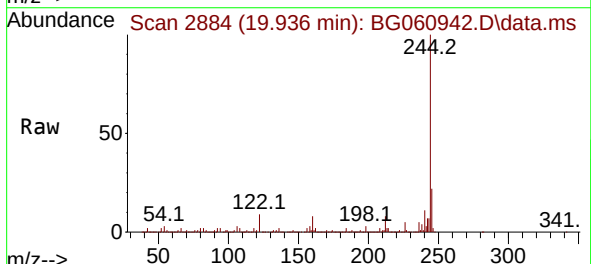
Reviewed By :Yogesh Patel 04/22/2024

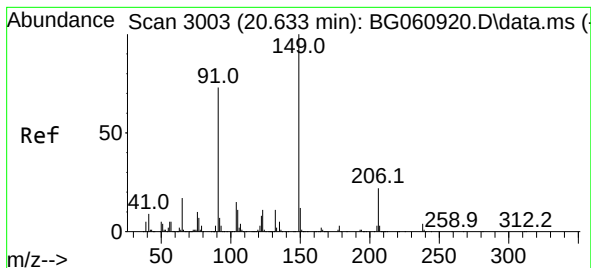
Supervised By :mohammad ahmed 04/22/2024



#79
 Terphenyl-d14
 Concen: 84.354 ng
 RT: 19.936 min Scan# 2884
 Delta R.T. -0.003 min
 Lab File: BG060942.D
 Acq: 18 Apr 2024 19:16

Tgt Ion:244 Resp: 2099242
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 8.7 6.6 9.8





#80

Butylbenzylphthalate

Concen: 46.267 ng

RT: 20.629 min Scan# 3002

Delta R.T. -0.003 min

Lab File: BG060942.D

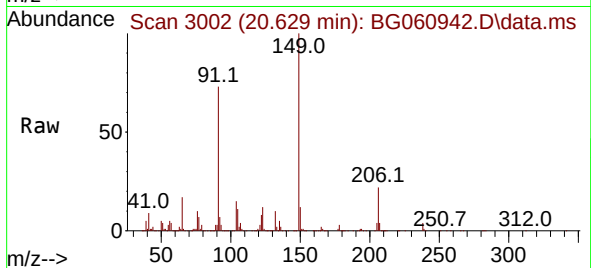
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



Tgt Ion:149 Resp: 506300

Ion Ratio Lower Upper

149 100

91 72.5 58.7 88.1

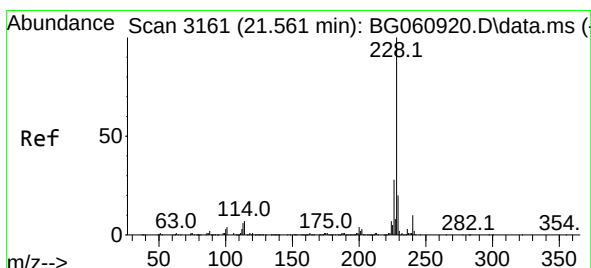
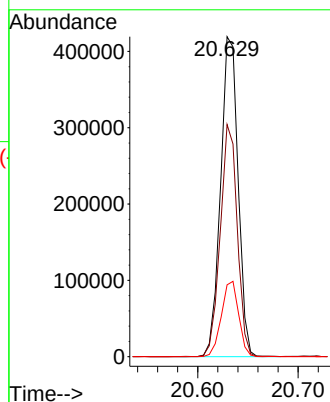
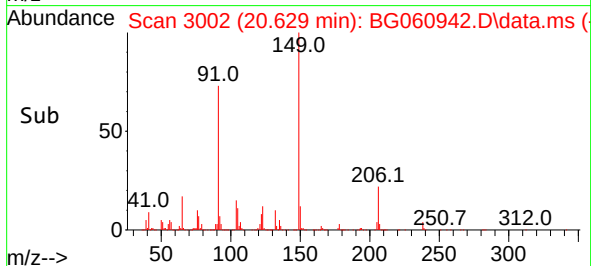
206 22.4 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#81

Benzo(a)anthracene

Concen: 45.153 ng

RT: 21.558 min Scan# 3160

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

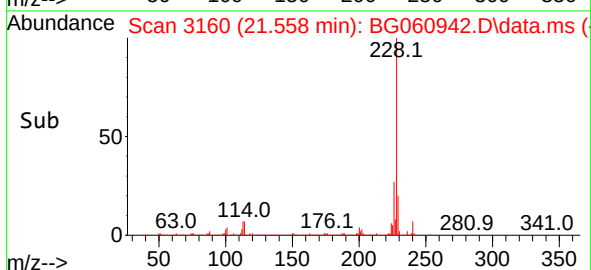
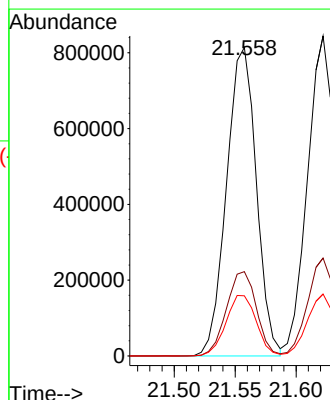
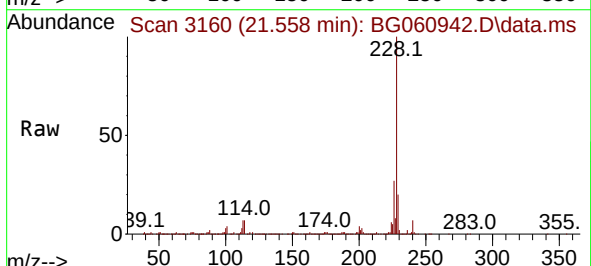
Tgt Ion:228 Resp: 1384823

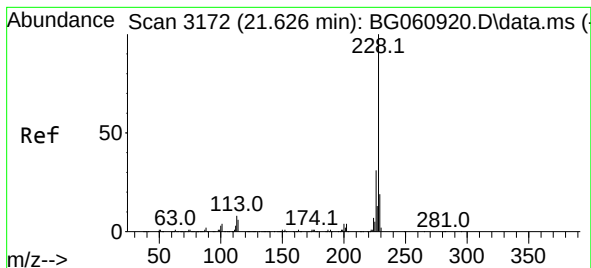
Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 19.5 15.6 23.4





#83

Chrysene

Concen: 45.655 ng

RT: 21.622 min Scan# 3172

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD

Tgt Ion:228 Resp: 133690

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

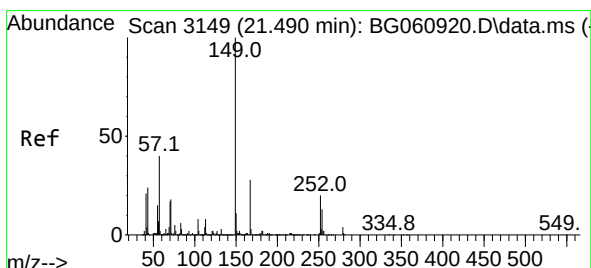
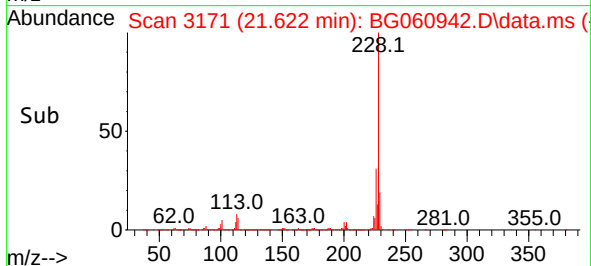
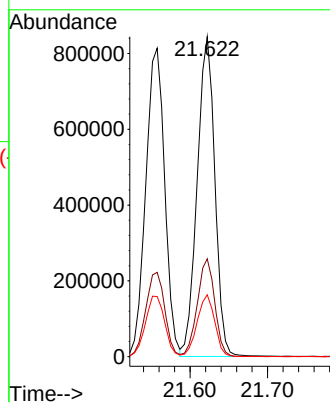
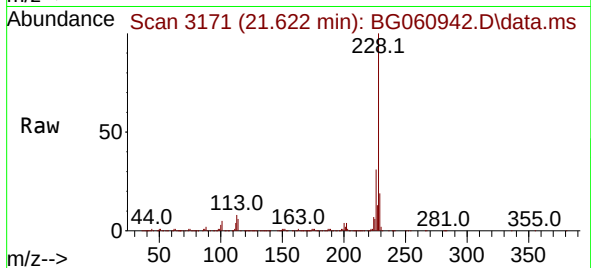
229 19.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.616 ng

RT: 21.487 min Scan# 3148

Delta R.T. -0.003 min

Lab File: BG060942.D

Acq: 18 Apr 2024 19:16

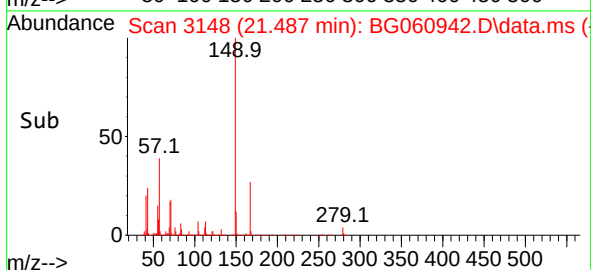
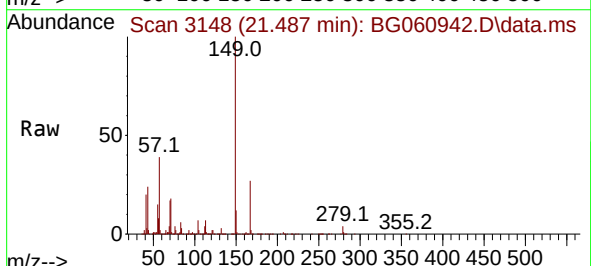
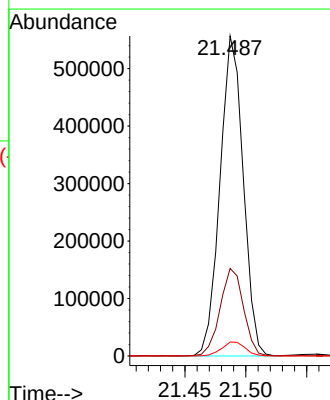
Tgt Ion:149 Resp: 738141

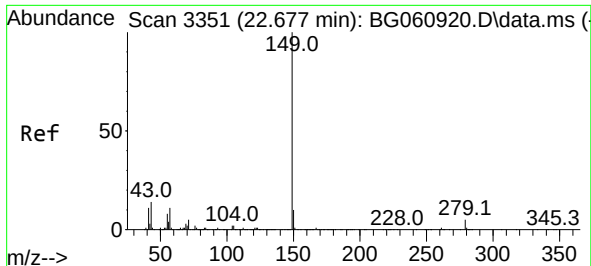
Ion Ratio Lower Upper

149 100

167 27.3 22.4 33.6

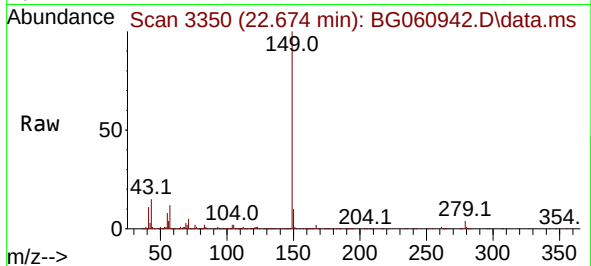
279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 45.824 ng
RT: 22.674 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

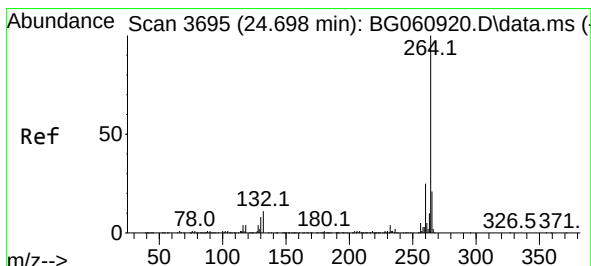
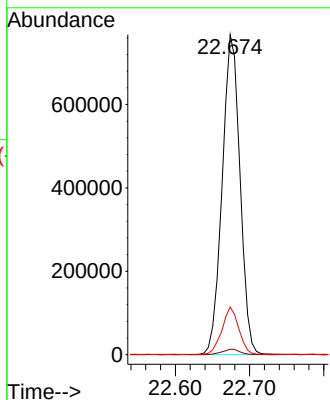
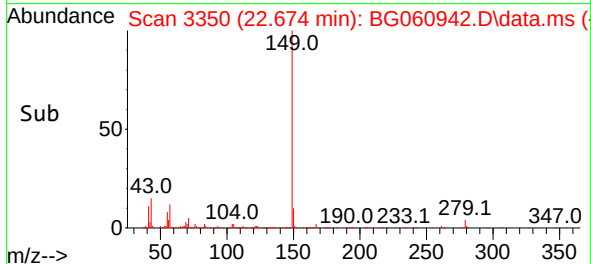
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD



Tgt Ion:149 Resp: 1279454
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.0 11.2 16.8

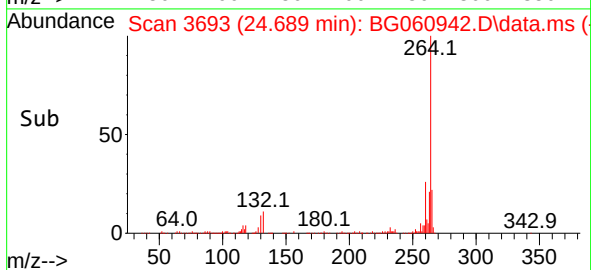
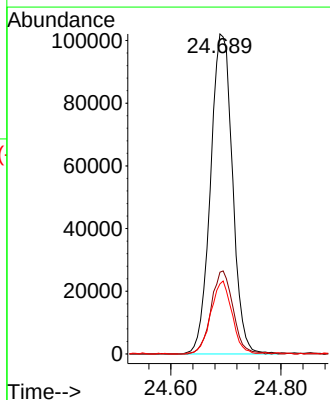
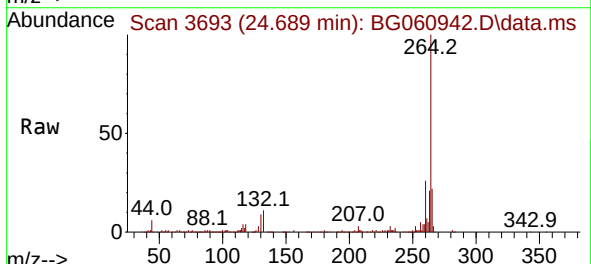
Manual Integrations
APPROVED

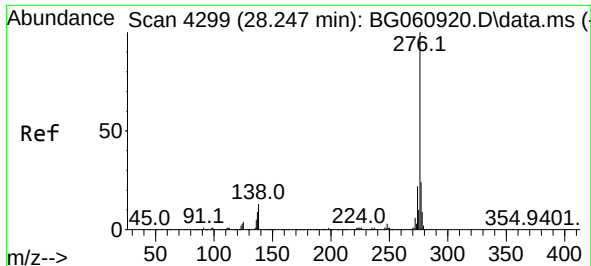
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.689 min Scan# 3693
Delta R.T. -0.009 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

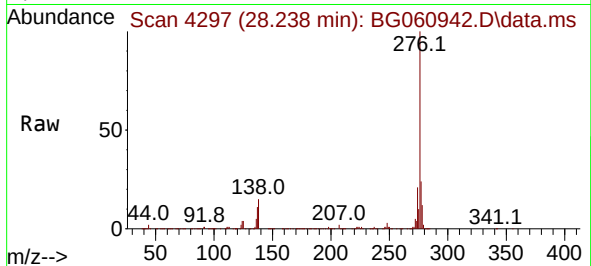
Tgt Ion:264 Resp: 283105
Ion Ratio Lower Upper
264 100
260 25.5 19.6 29.4
265 21.9 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 71.810 ng
RT: 28.238 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

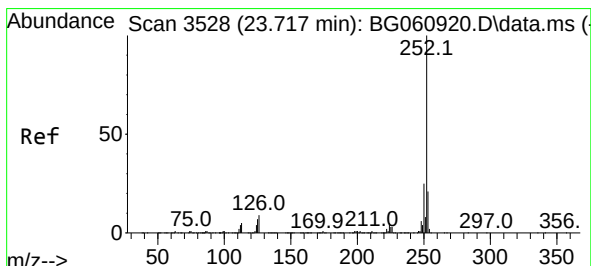
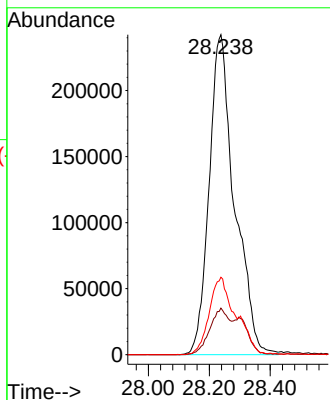
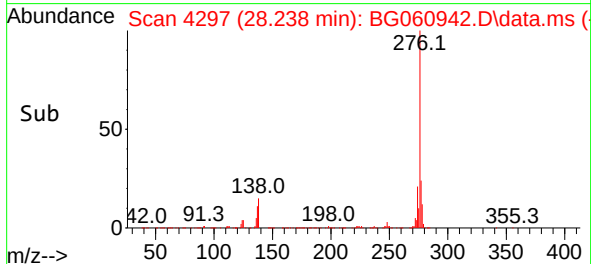
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1MSD



Tgt Ion: 276 Resp: 140582
Ion Ratio Lower Upper
276 100
138 11.1 10.8 16.2
277 25.4 20.3 30.5

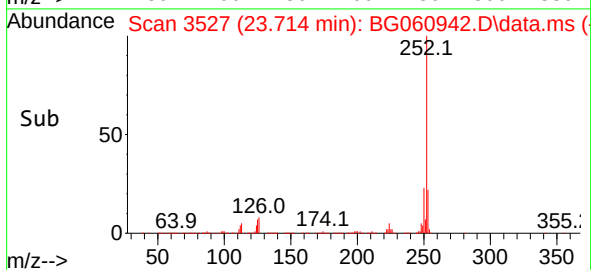
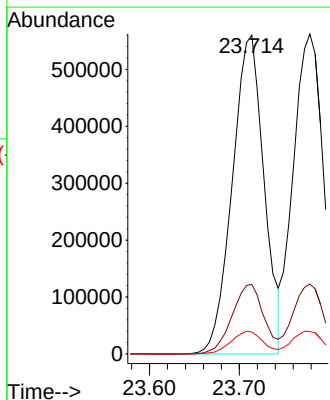
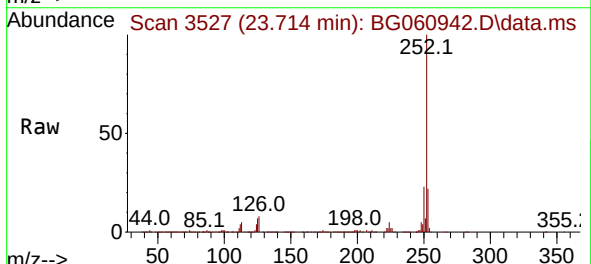
Manual Integrations
APPROVED

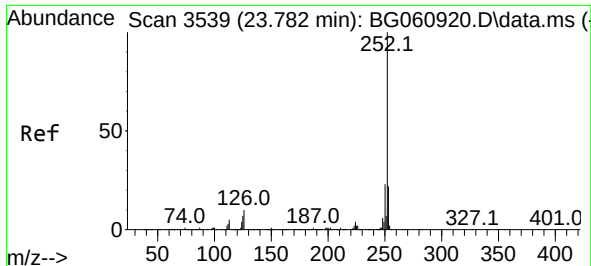
Reviewed By : Yogesh Patel 04/22/2024
Supervised By : mohammad ahmed 04/22/2024



#88
Benzo(b)fluoranthene
Concen: 85.743 ng
RT: 23.714 min Scan# 3527
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion: 252 Resp: 1373422
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 6.9 5.6 8.4





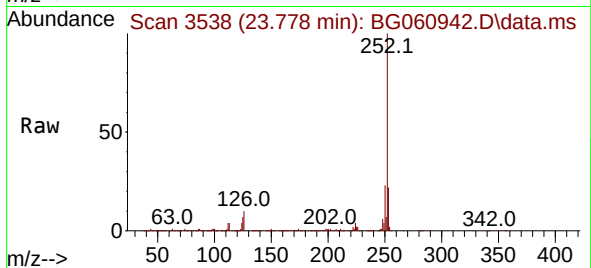
#89
Benzo(k)fluoranthene
Concen: 80.564 ng
RT: 23.778 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



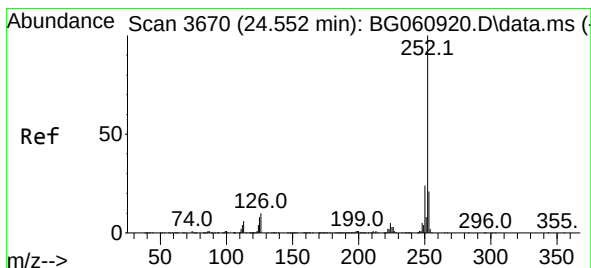
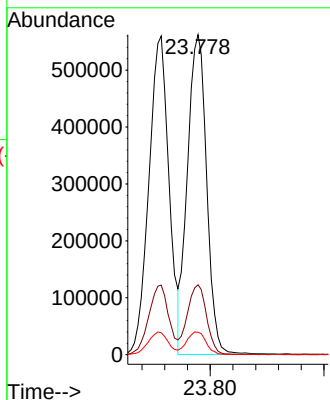
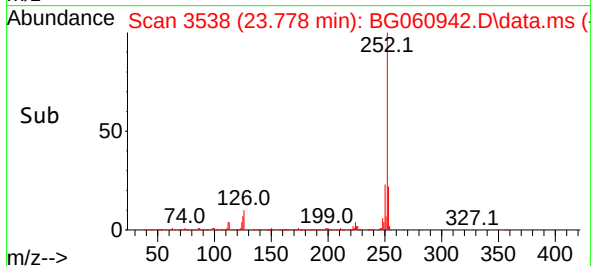
Tgt Ion:252 Resp: 1320169
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 7.0 5.8 8.8

Manual Integrations

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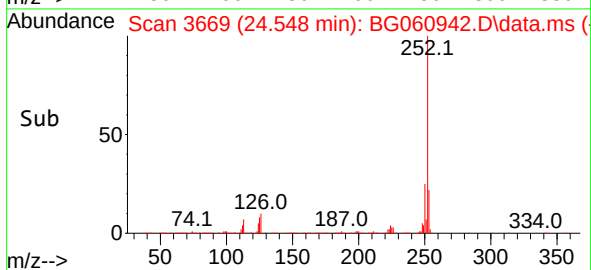
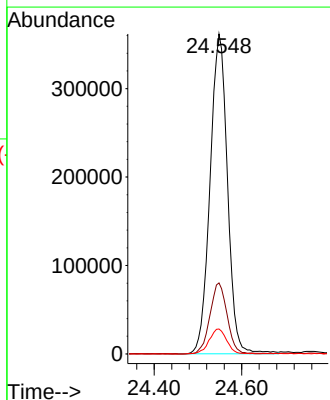
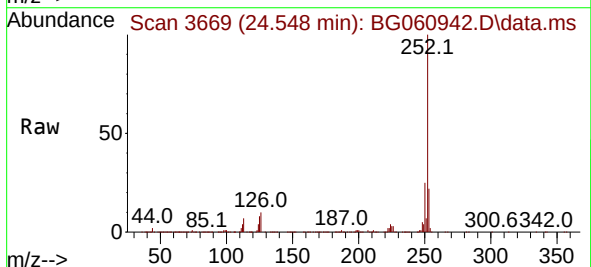
Reviewed By :Yogesh Patel 04/22/2024

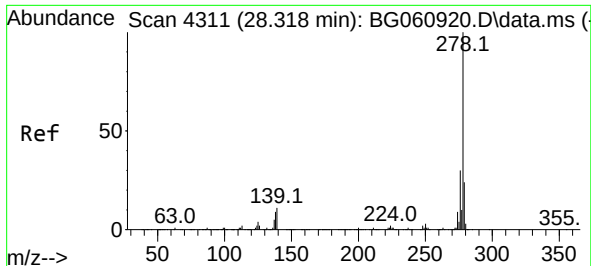
Supervised By :mohammad ahmed 04/22/2024



#90
Benzo(a)pyrene
Concen: 63.186 ng
RT: 24.548 min Scan# 3669
Delta R.T. -0.003 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Tgt Ion:252 Resp: 997860
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 7.8 6.1 9.1





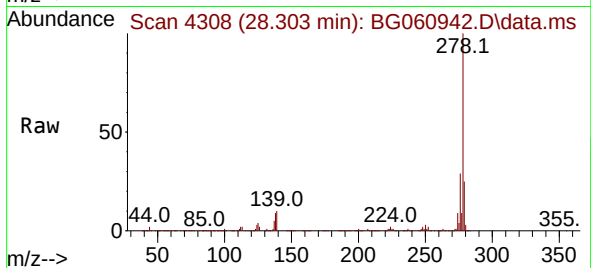
#91
Dibenzo(a,h)anthracene
Concen: 81.163 ng
RT: 28.303 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1MSD



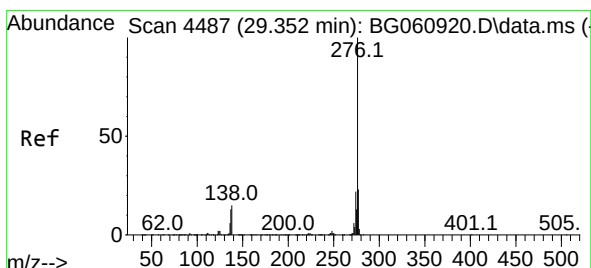
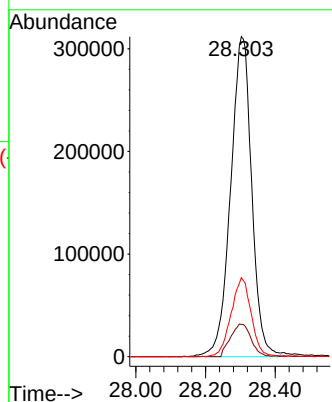
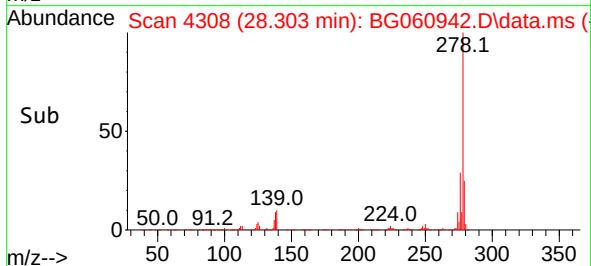
Tgt Ion:278 Resp: 130792
Ion Ratio Lower Upper
278 100
139 10.1 8.6 12.8
279 24.7 19.4 29.2

Manual Integrations

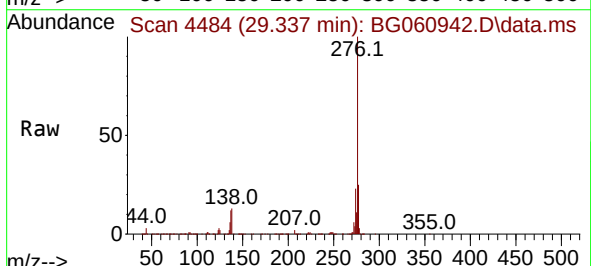
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#92
Benzo(g,h,i)perylene
Concen: 63.315 ng
RT: 29.337 min Scan# 4484
Delta R.T. -0.015 min
Lab File: BG060942.D
Acq: 18 Apr 2024 19:16



Tgt Ion:276 Resp: 997493
Ion Ratio Lower Upper
276 100
277 24.7 18.3 27.5
138 13.5 12.2 18.4

